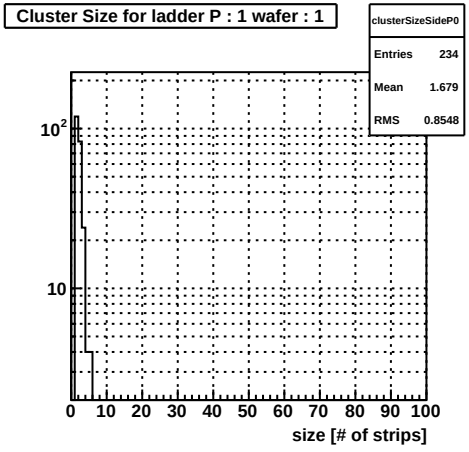
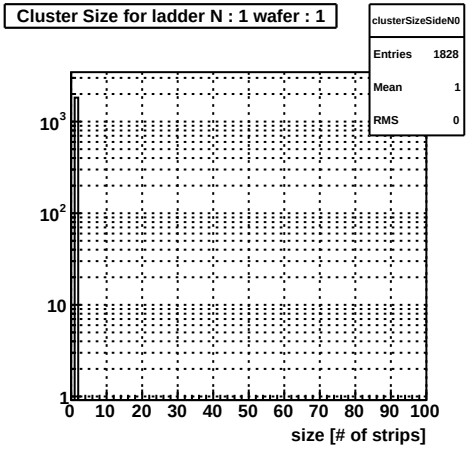
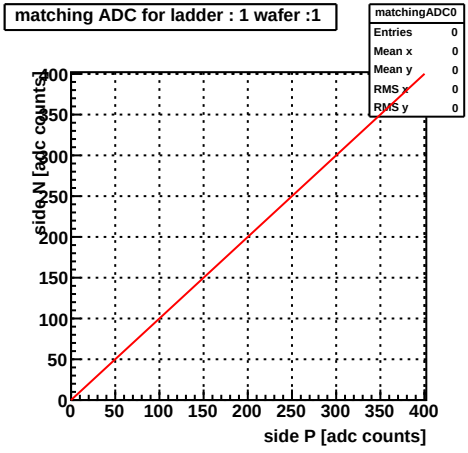
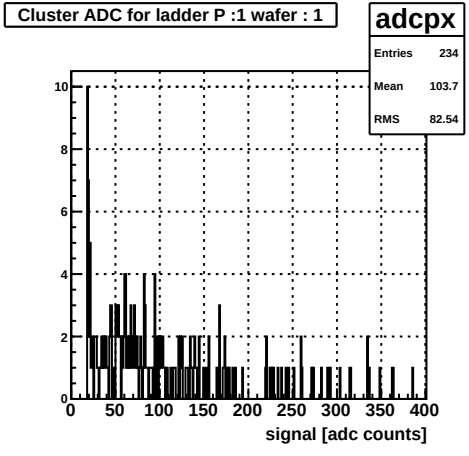
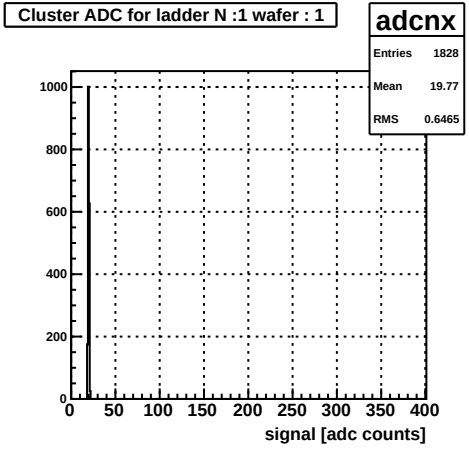
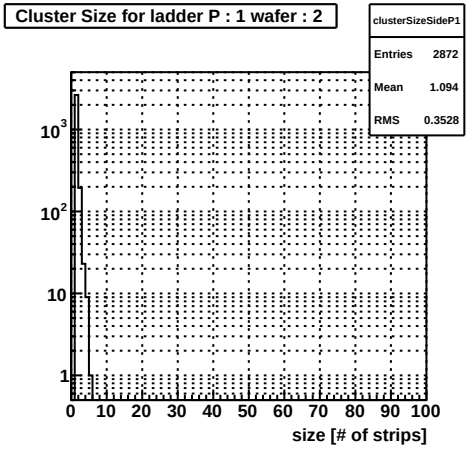

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 234
Mean 1.679
RMS 0.8548
size [# of strips]

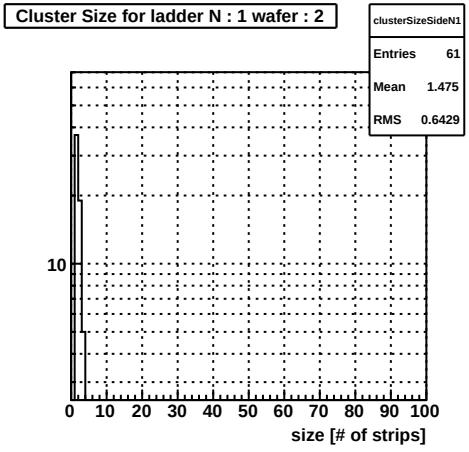

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 1828
Mean 1
RMS 0
size [# of strips]

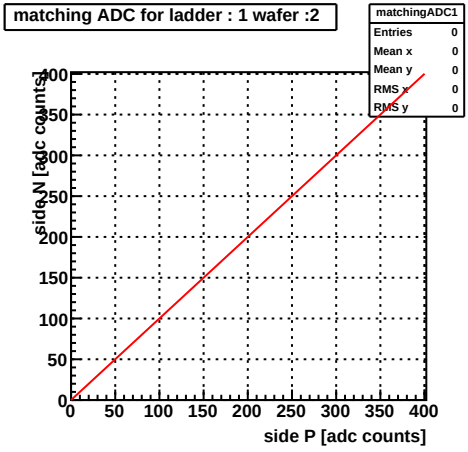

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

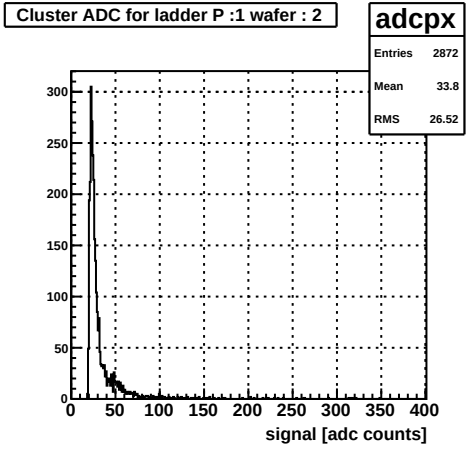

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 234
Mean 103.7
RMS 82.54
signal [adc counts]

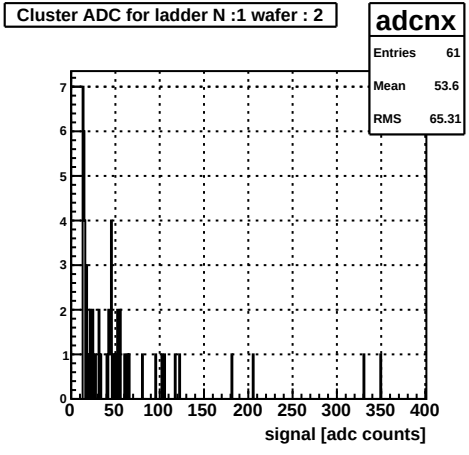

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 1828
Mean 19.77
RMS 0.6465
signal [adc counts]

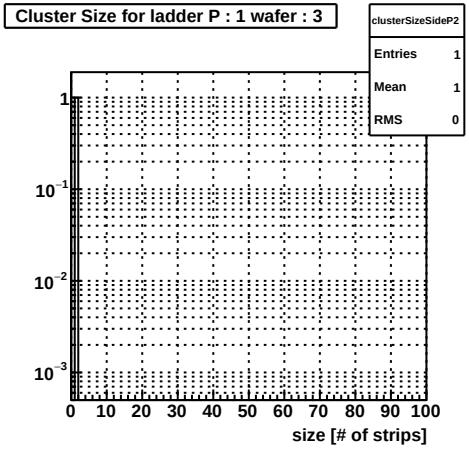

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 2872
Mean 1.094
RMS 0.3528
size [# of strips]

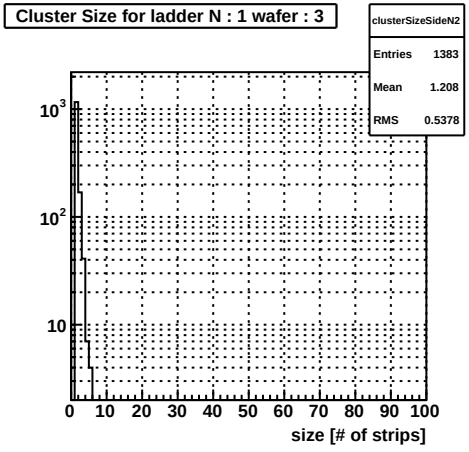

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 61
Mean 1.475
RMS 0.6429
size [# of strips]

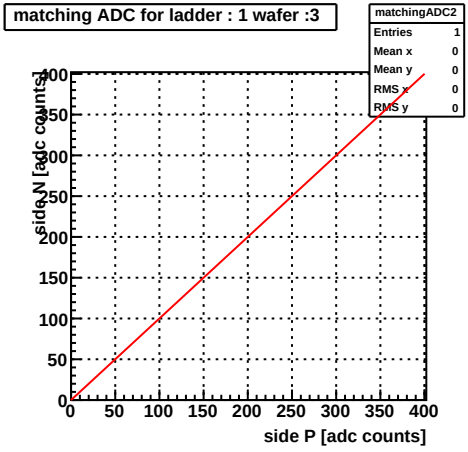

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

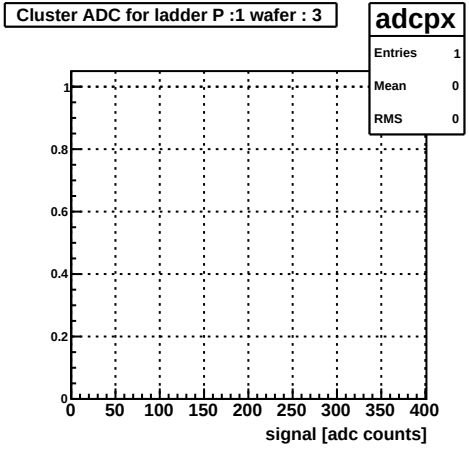

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 2872
Mean 33.8
RMS 26.52
signal [adc counts]

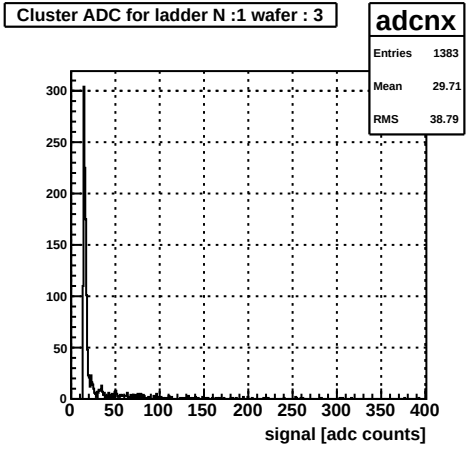

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 61
Mean 53.6
RMS 65.31
signal [adc counts]

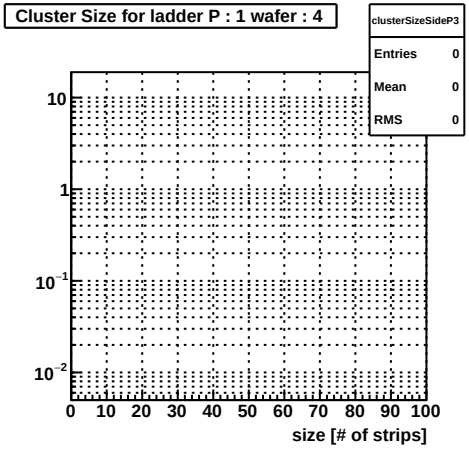

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 1
Mean 1
RMS 0
size [# of strips]

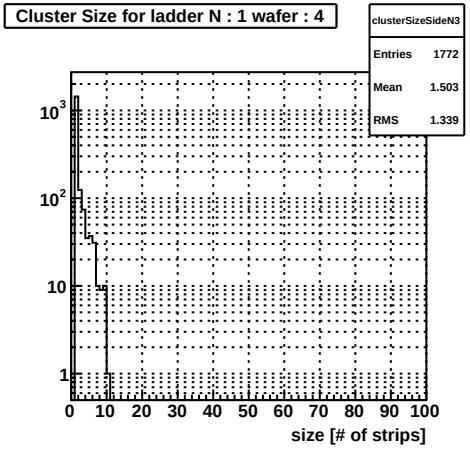

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 1383
Mean 1.208
RMS 0.5378
size [# of strips]

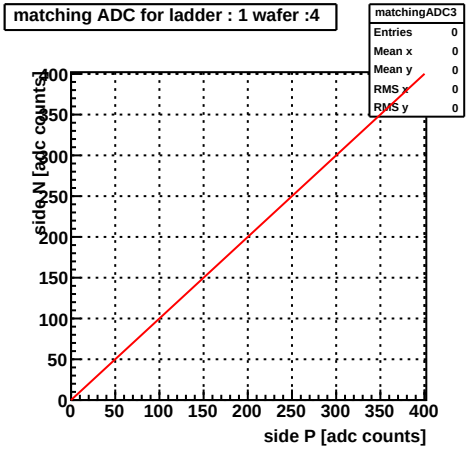

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

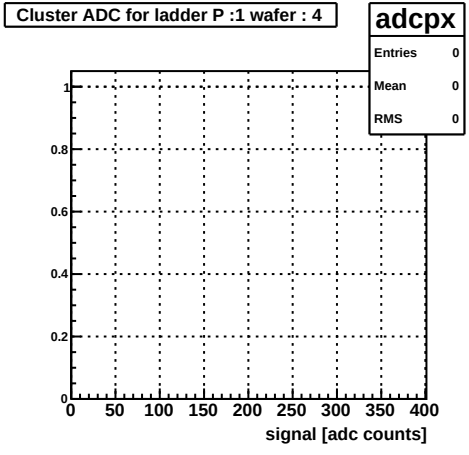

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

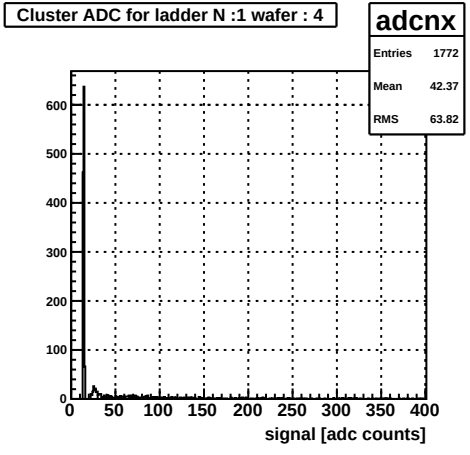

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 1383
Mean 29.71
RMS 38.79
signal [adc counts]

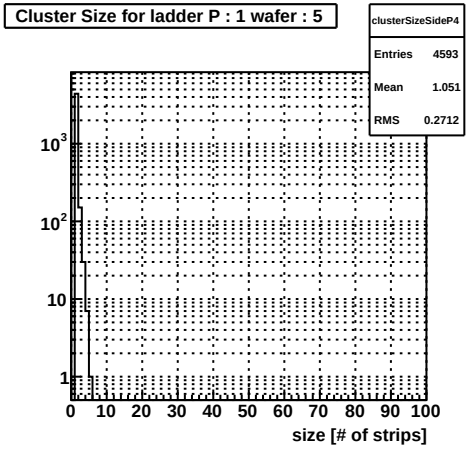

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

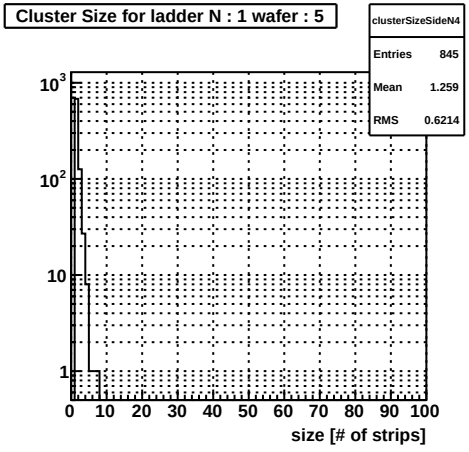

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 1772
Mean 1.503
RMS 1.339
size [# of strips]

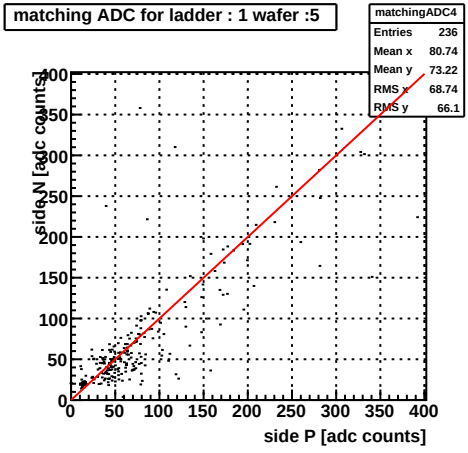

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

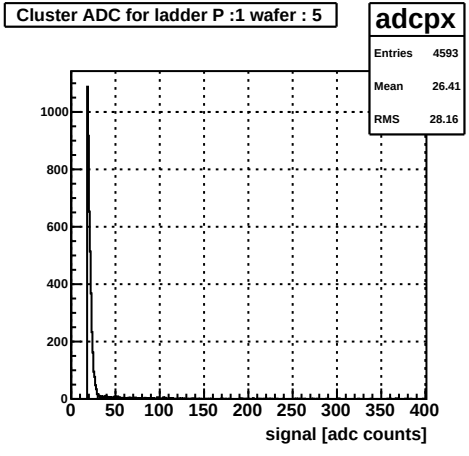

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

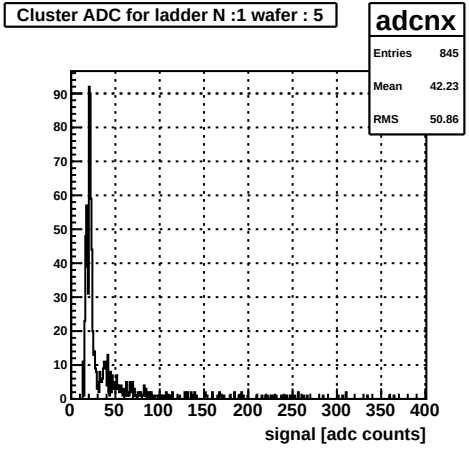

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 1772
Mean 42.37
RMS 63.82
signal [adc counts]

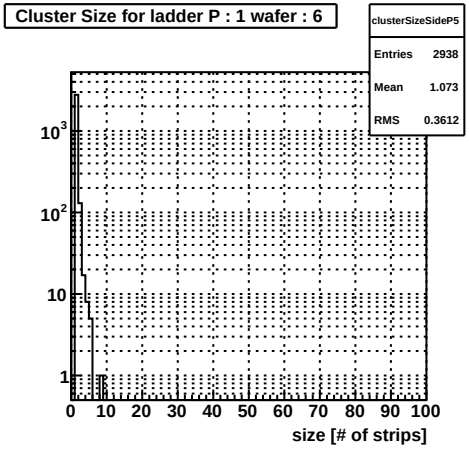

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 4593
Mean 1.051
RMS 0.2712
size [# of strips]

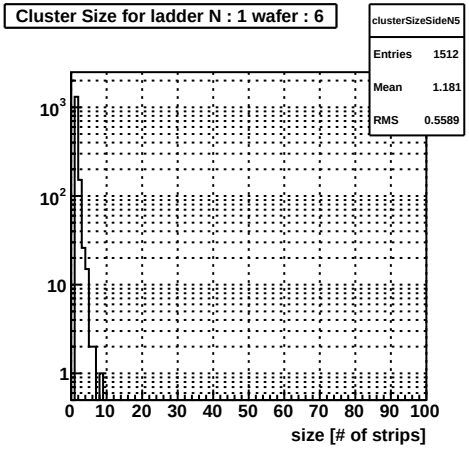

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 845
Mean 1.259
RMS 0.6214
size [# of strips]

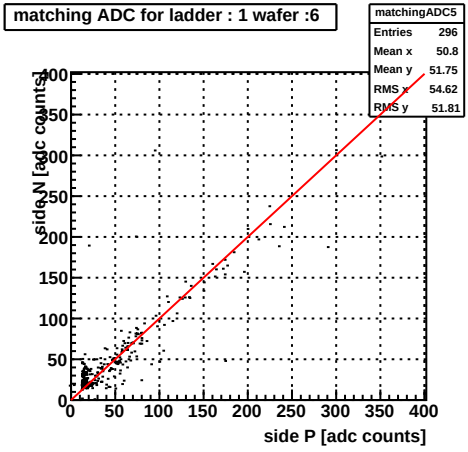

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 236
Mean x 80.74
Mean y 73.22
RMS x 68.74
RMS y 66.1
side N [adc counts]
side P [adc counts]

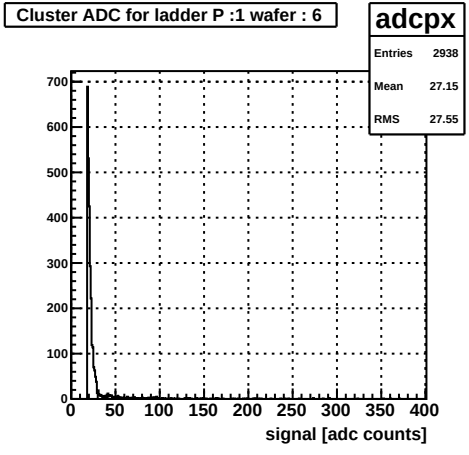

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 4593
Mean 26.41
RMS 28.16
signal [adc counts]

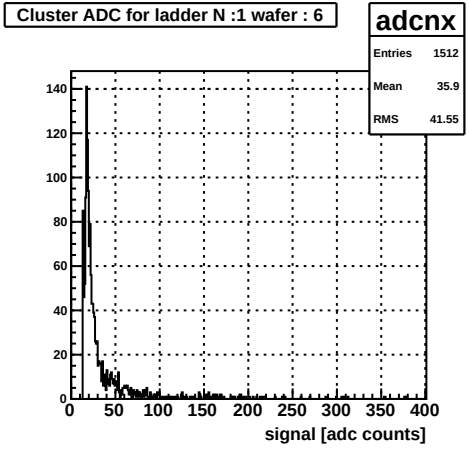

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 845
Mean 42.23
RMS 50.86
signal [adc counts]

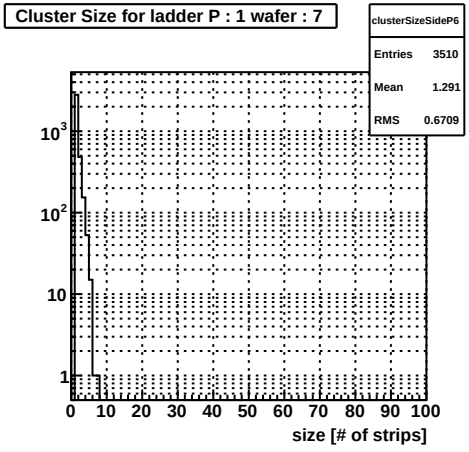

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 2938
Mean 1.073
RMS 0.3612
size [# of strips]

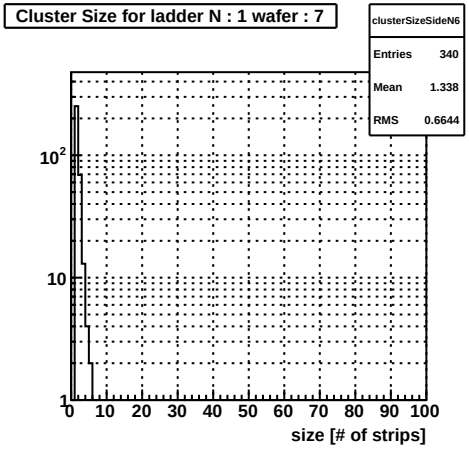

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 1512
Mean 1.181
RMS 0.5589
size [# of strips]

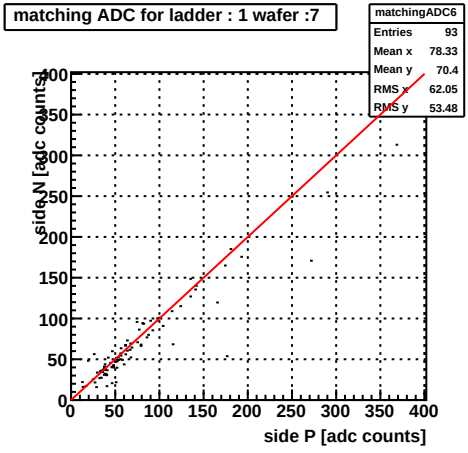

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 296
Mean x 50.8
Mean y 51.75
RMS x 54.62
RMS y 51.81
side N [adc counts]
side P [adc counts]

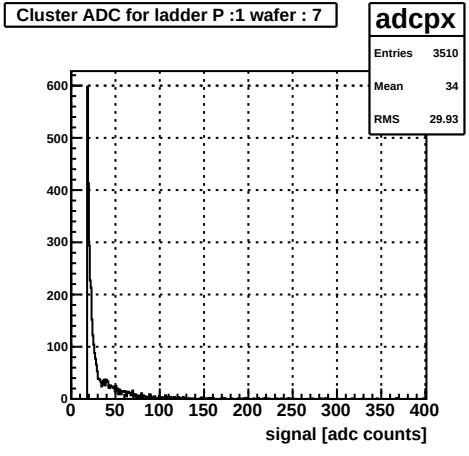

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 2938
Mean 27.15
RMS 27.55
signal [adc counts]

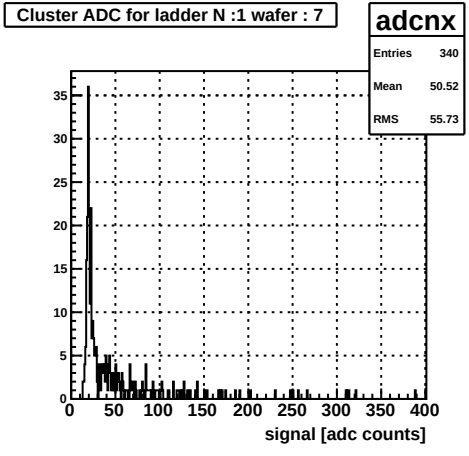

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 1512
Mean 35.9
RMS 41.55
signal [adc counts]

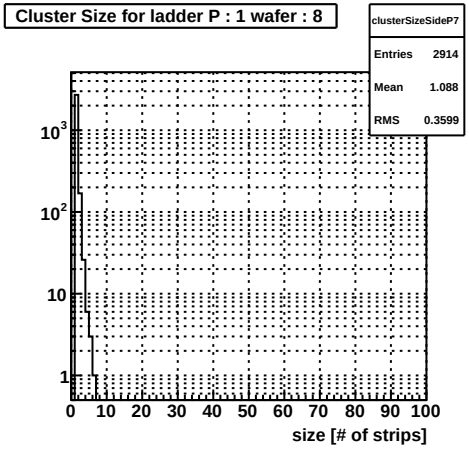

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 3510
Mean 1.291
RMS 0.6709
size [# of strips]

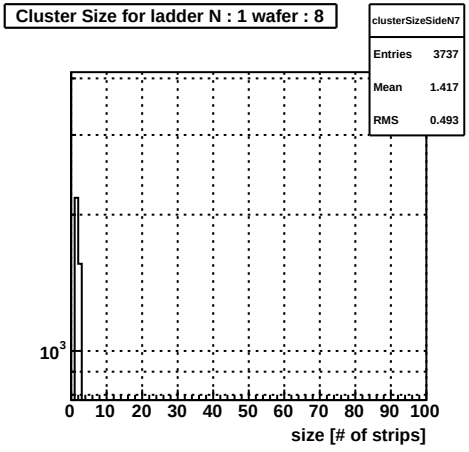

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 340
Mean 1.338
RMS 0.6644
size [# of strips]

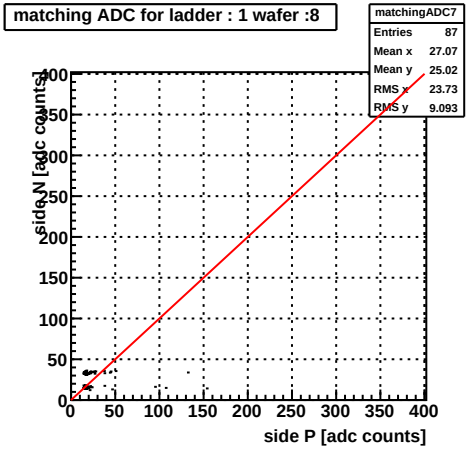

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 93
Mean x 78.33
Mean y 70.4
RMS x 62.05
RMS y 53.48
side N [adc counts]
side P [adc counts]

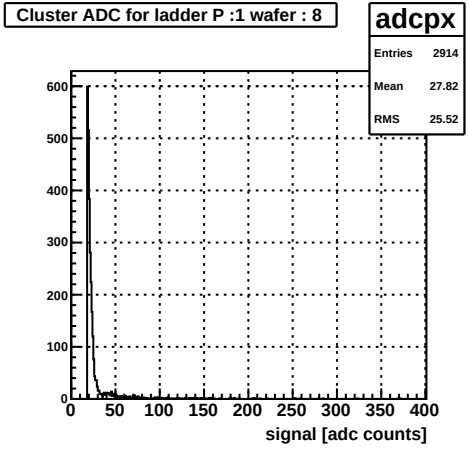

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 3510
Mean 34
RMS 29.93
signal [adc counts]

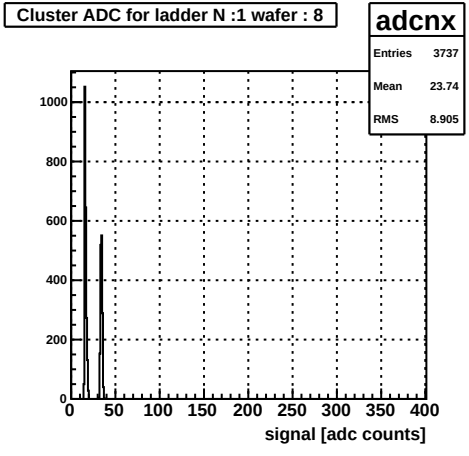

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 340
Mean 50.52
RMS 55.73
signal [adc counts]

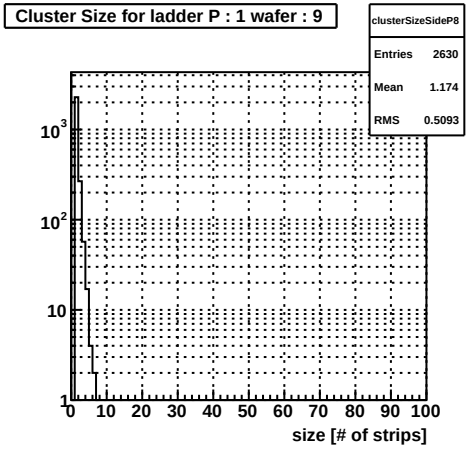

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 2914
Mean 1.088
RMS 0.3599
size [# of strips]

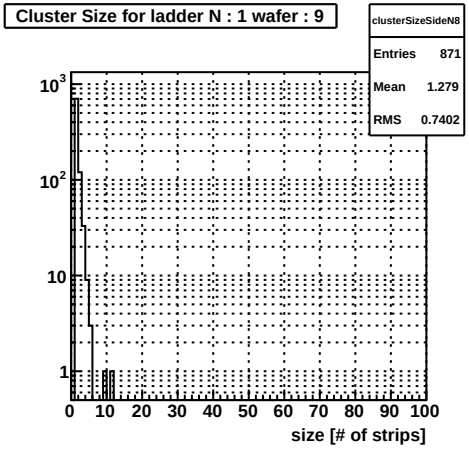

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 3737
Mean 1.417
RMS 0.493
size [# of strips]

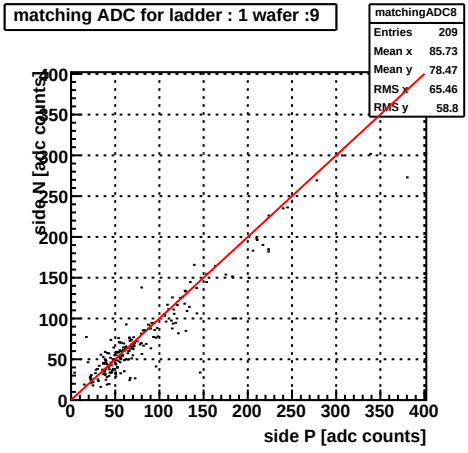

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 87
Mean x 27.07
Mean y 25.02
RMS x 23.73
RMS y 9.093
side N [adc counts]
side P [adc counts]

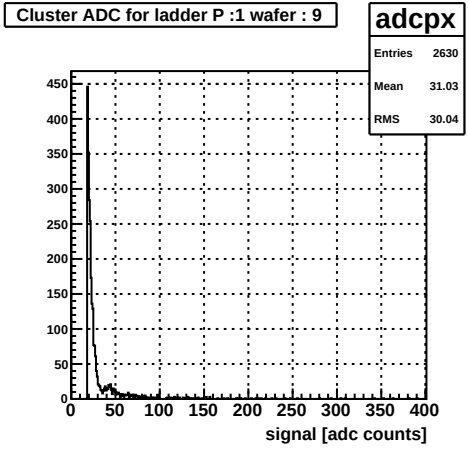

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 2914
Mean 27.82
RMS 25.52
signal [adc counts]

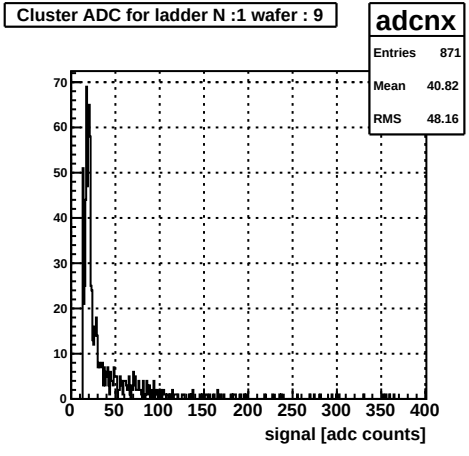

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 3737
Mean 23.74
RMS 8.905
signal [adc counts]

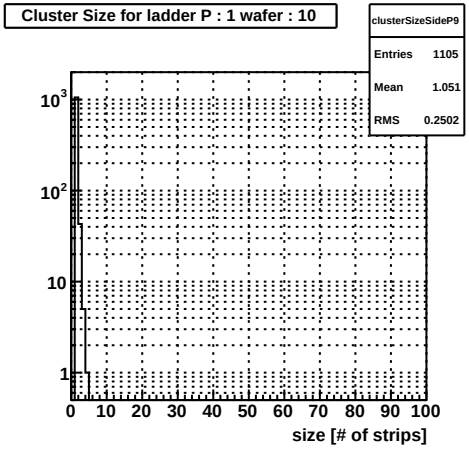

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 2630
Mean 1.174
RMS 0.5093
size [# of strips]

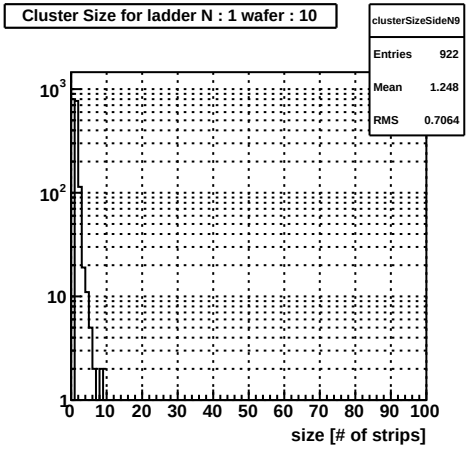

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 871
Mean 1.279
RMS 0.7402
size [# of strips]

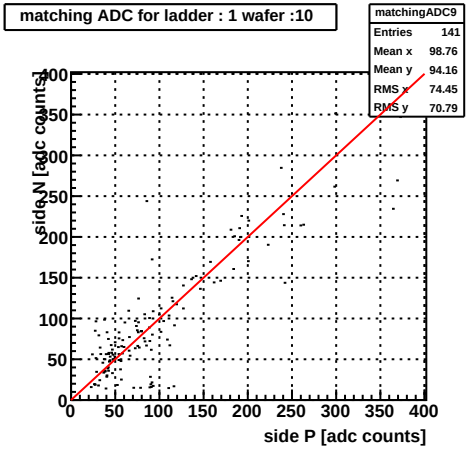

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 209
Mean x 85.73
Mean y 78.47
RMS x 65.46
RMS y 58.8
side N [adc counts]
side P [adc counts]

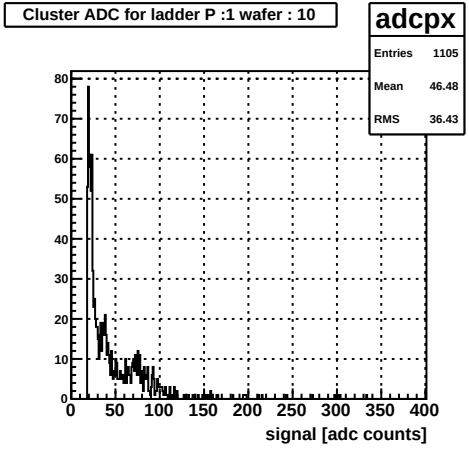

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 2630
Mean 31.03
RMS 30.04
signal [adc counts]

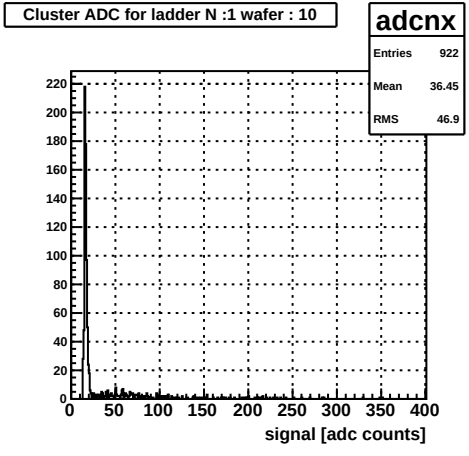

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 871
Mean 40.82
RMS 48.16
signal [adc counts]

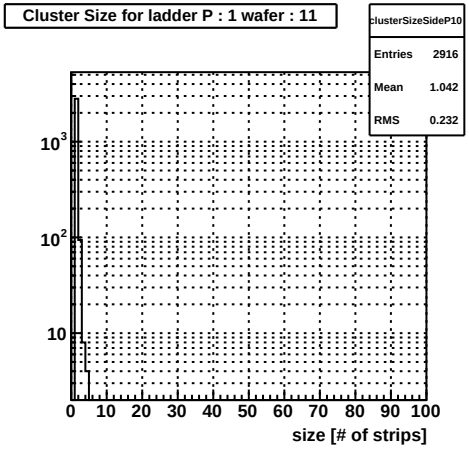

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 1105
Mean 1.051
RMS 0.2502
size [# of strips]

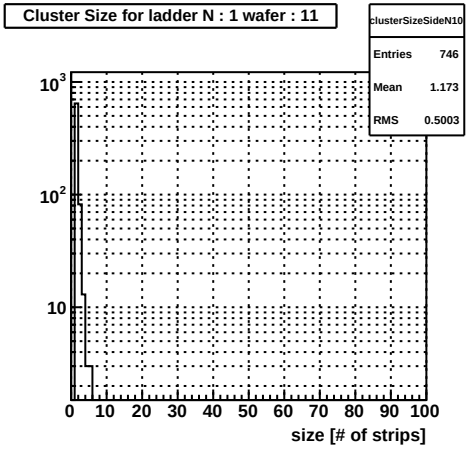

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 922
Mean 1.248
RMS 0.7064
size [# of strips]

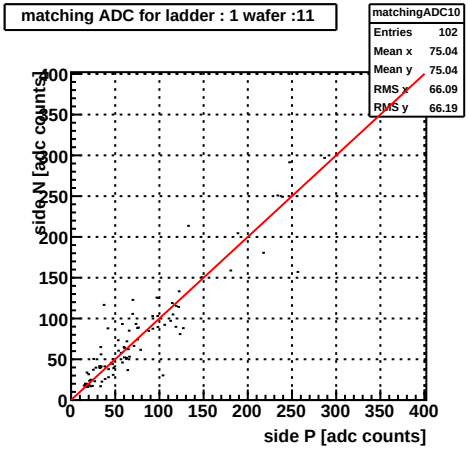

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 141
Mean x 98.76
Mean y 94.16
RMS x 74.45
RMS y 70.79
side N [adc counts]
side P [adc counts]

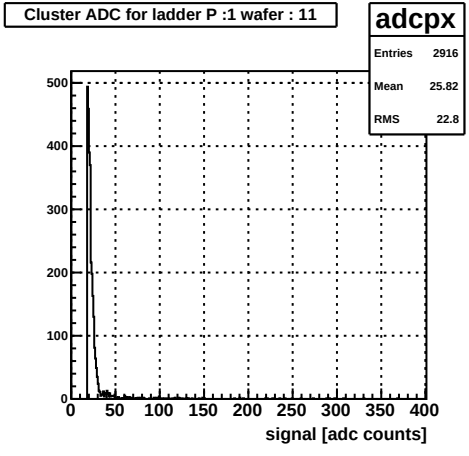

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 1105
Mean 46.48
RMS 36.43
signal [adc counts]

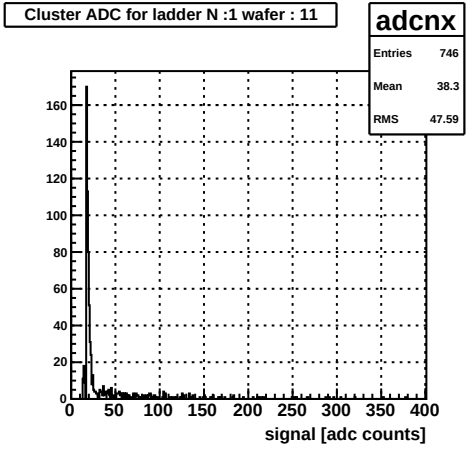

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 922
Mean 36.45
RMS 46.9
signal [adc counts]

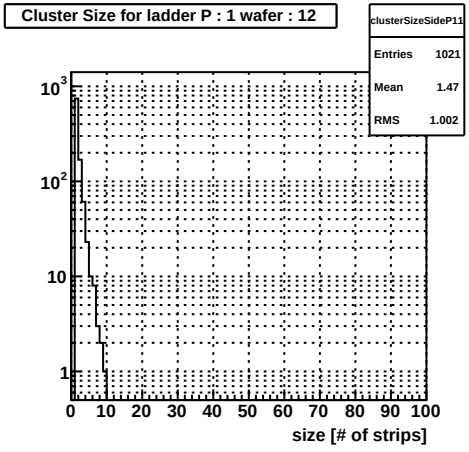

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 2916
Mean 1.042
RMS 0.232
size [# of strips]

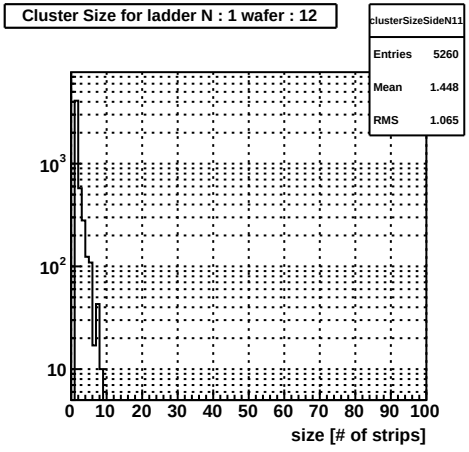

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 746
Mean 1.173
RMS 0.5003
size [# of strips]

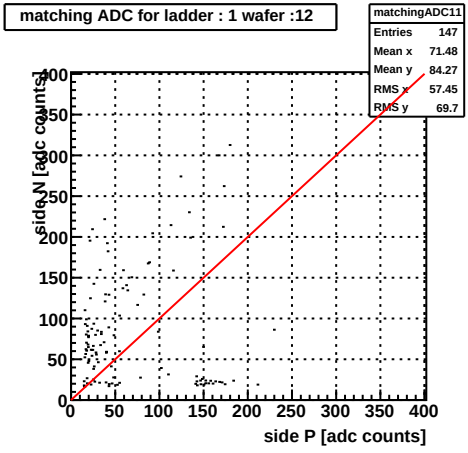

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 102
Mean x 75.04
Mean y 75.04
RMS x 66.09
RMS y 66.19
side N [adc counts]
side P [adc counts]

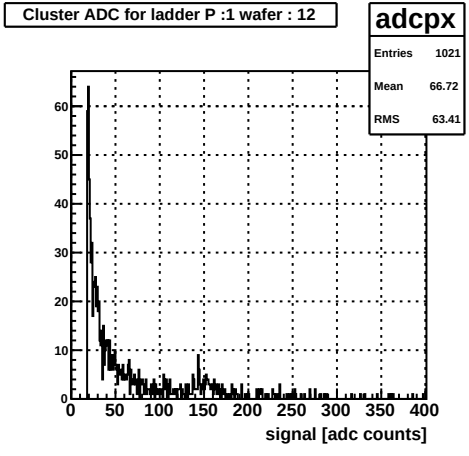

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 2916
Mean 25.82
RMS 22.8
signal [adc counts]

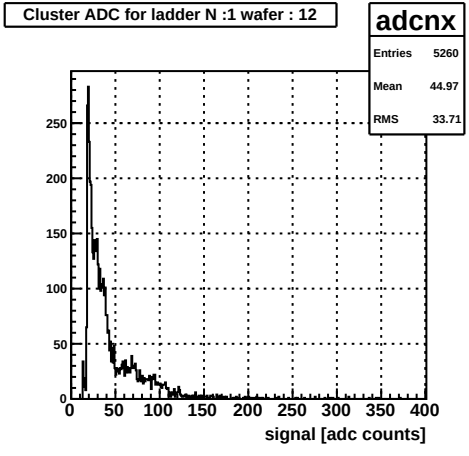

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 746
Mean 38.3
RMS 47.59
signal [adc counts]

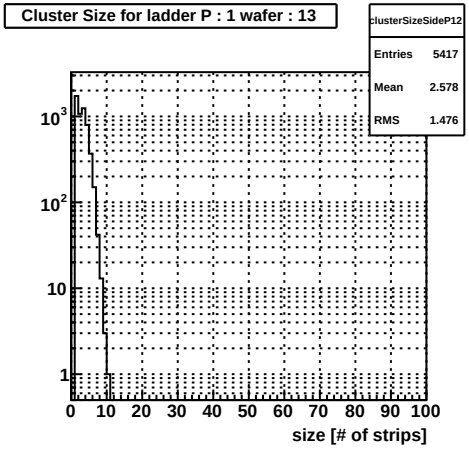

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 1021
Mean 1.47
RMS 1.002
size [# of strips]

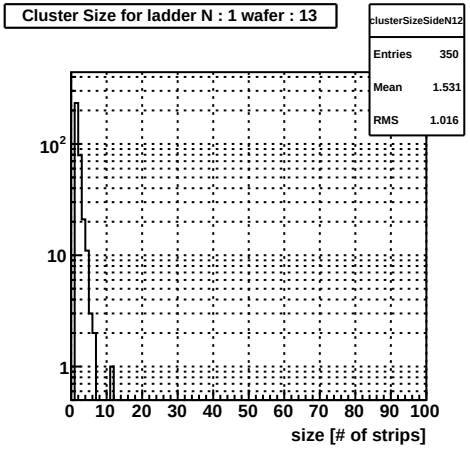

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 5260
Mean 1.448
RMS 1.065
size [# of strips]

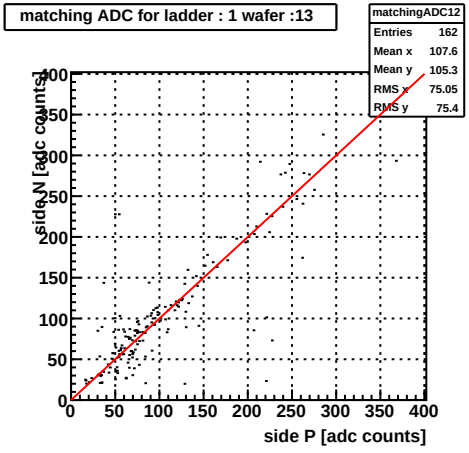

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 147
Mean x 71.48
Mean y 84.27
RMS x 57.45
RMS y 69.7
side N [adc counts]
side P [adc counts]

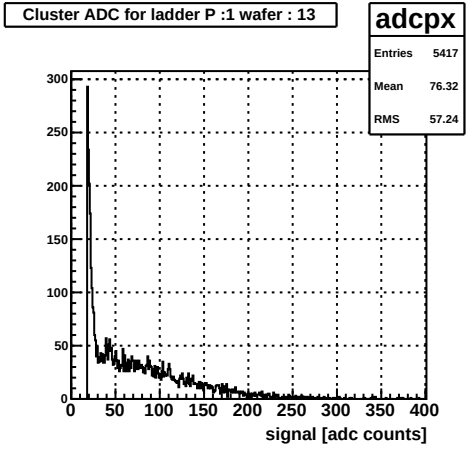

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 1021
Mean 66.72
RMS 63.41
signal [adc counts]

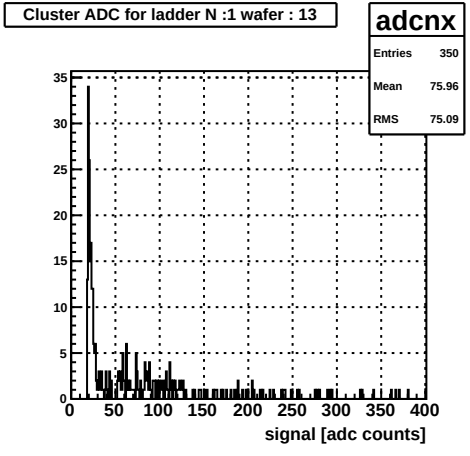

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 5260
Mean 44.97
RMS 33.71
signal [adc counts]

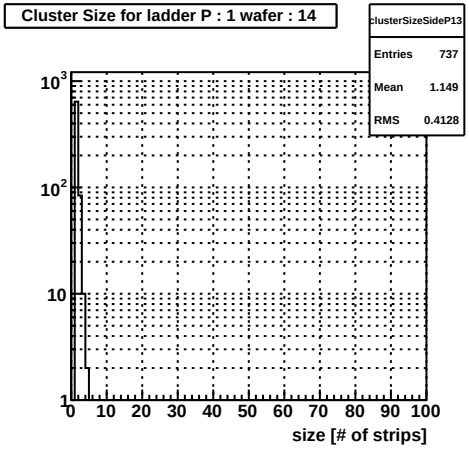

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 5417
Mean 2.578
RMS 1.476
size [# of strips]

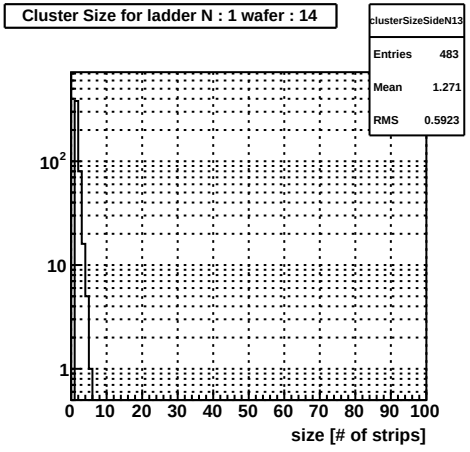

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 350
Mean 1.531
RMS 1.016
size [# of strips]

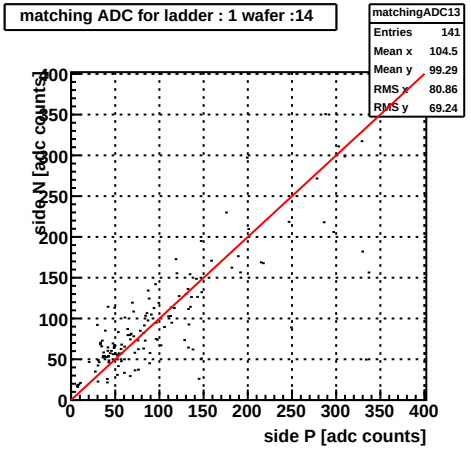

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 162
Mean x 107.6
Mean y 105.3
RMS x 75.05
RMS y 75.4
side N [adc counts]
side P [adc counts]

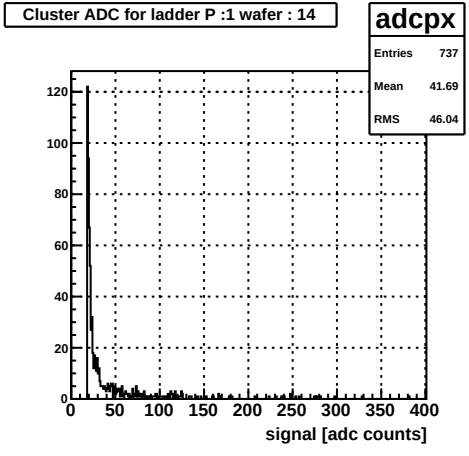

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 5417
Mean 76.32
RMS 57.24
signal [adc counts]

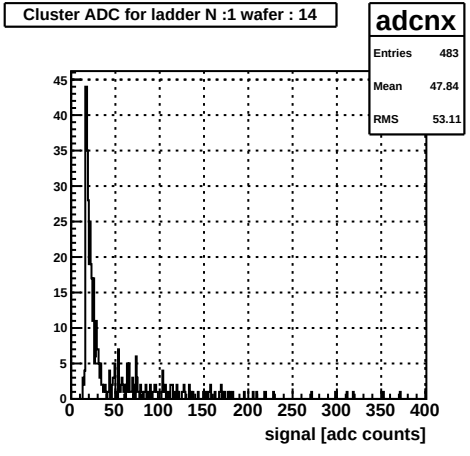

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 350
Mean 75.96
RMS 75.09
signal [adc counts]

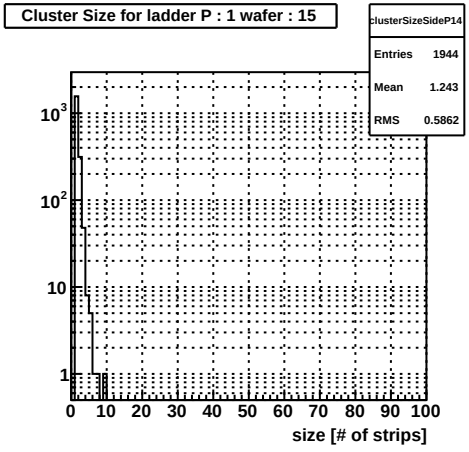

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 737
Mean 1.149
RMS 0.4128
size [# of strips]

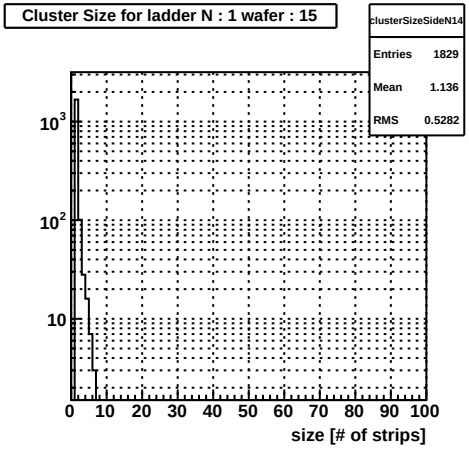

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 483
Mean 1.271
RMS 0.5923
size [# of strips]

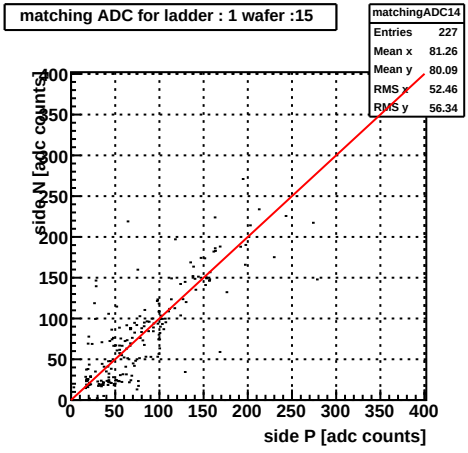

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 141
Mean x 104.5
Mean y 99.29
RMS x 80.86
RMS y 69.24
side N [adc counts]
side P [adc counts]

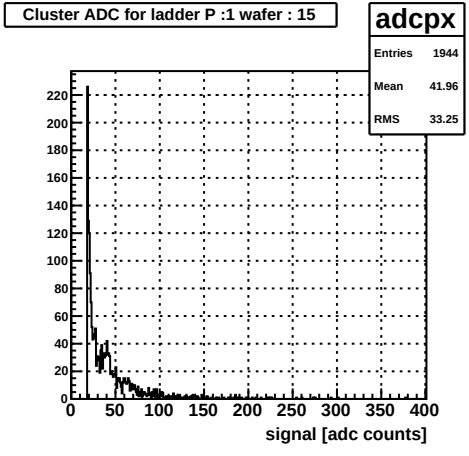

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 737
Mean 41.69
RMS 46.04
signal [adc counts]

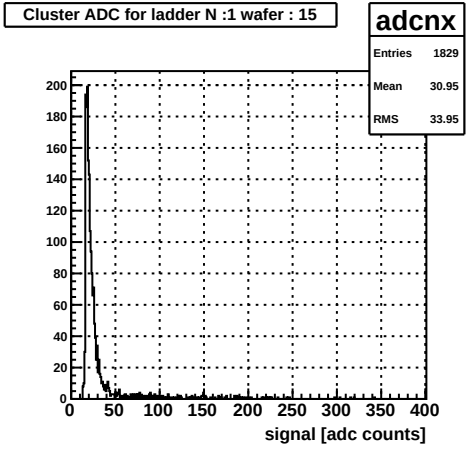

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 483
Mean 47.84
RMS 53.11
signal [adc counts]

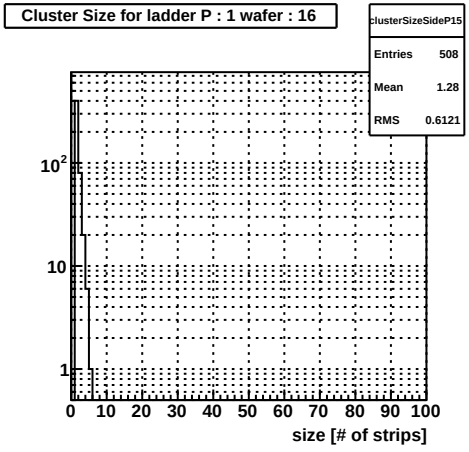

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 1944
Mean 1.243
RMS 0.5862
size [# of strips]

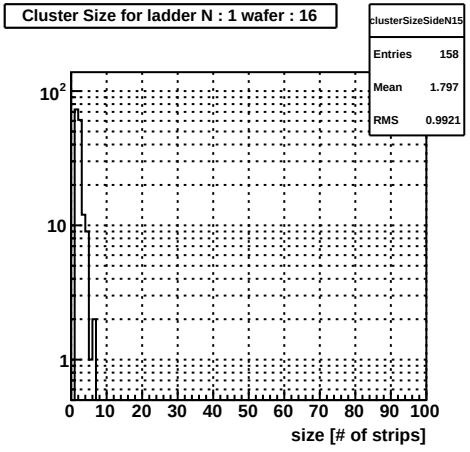

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 1829
Mean 1.136
RMS 0.5282
size [# of strips]

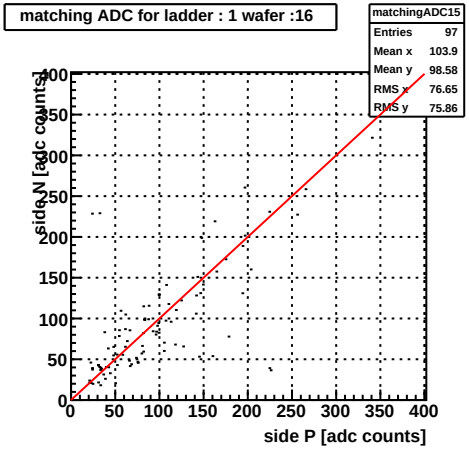

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 227
Mean x 81.26
Mean y 80.09
RMS x 52.46
RMS y 56.34
side N [adc counts]
side P [adc counts]

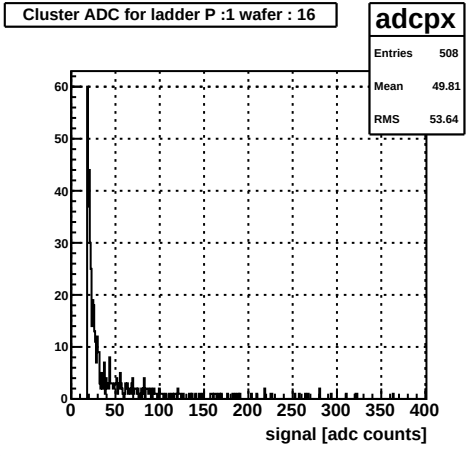

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 1944
Mean 41.96
RMS 33.25
signal [adc counts]

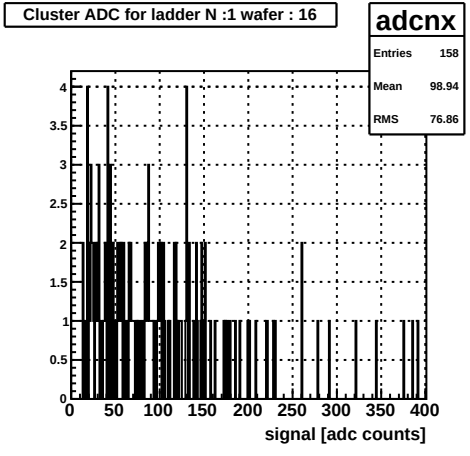

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 1829
Mean 30.95
RMS 33.95
signal [adc counts]

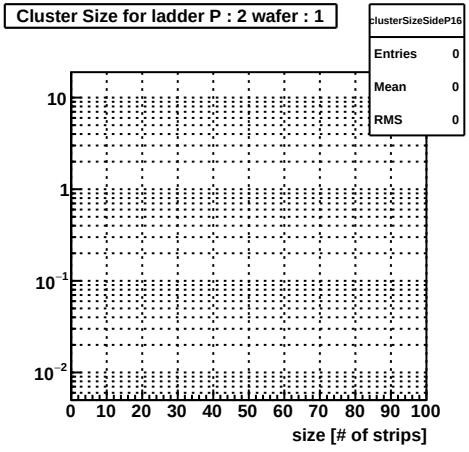

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 508
Mean 1.28
RMS 0.6121
size [# of strips]

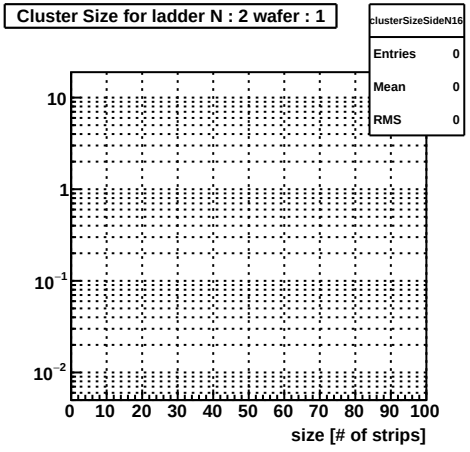

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 158
Mean 1.797
RMS 0.9921
size [# of strips]

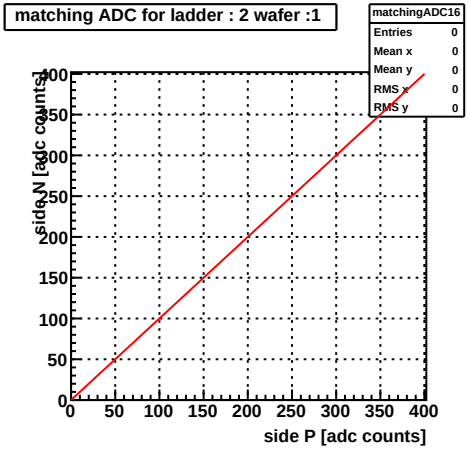

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 97
Mean x 103.9
Mean y 98.58
RMS x 76.65
RMS y 75.86
side N [adc counts]
side P [adc counts]

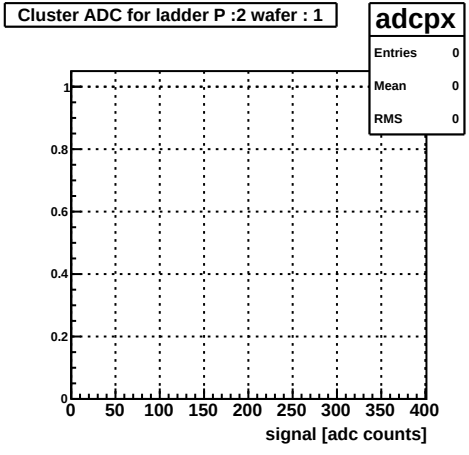

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 508
Mean 49.81
RMS 53.64
signal [adc counts]

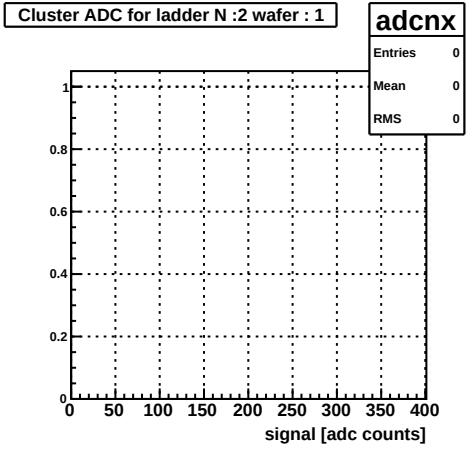

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 158
Mean 98.94
RMS 76.86
signal [adc counts]

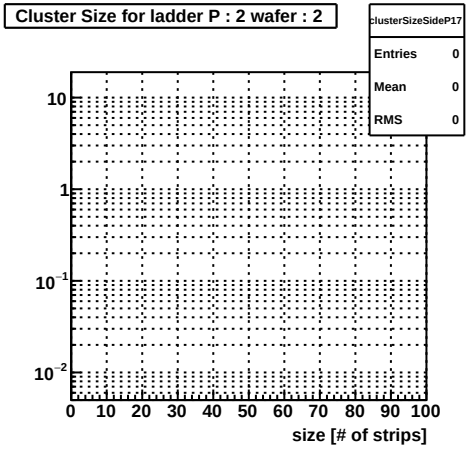

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

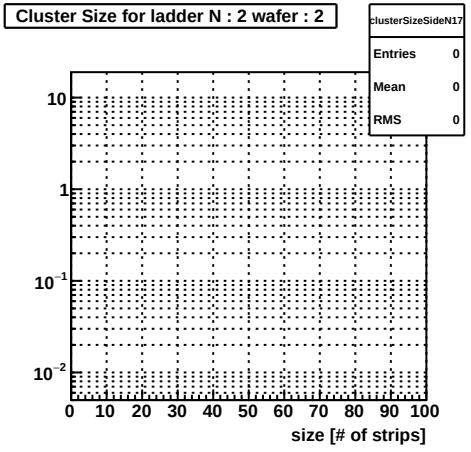

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

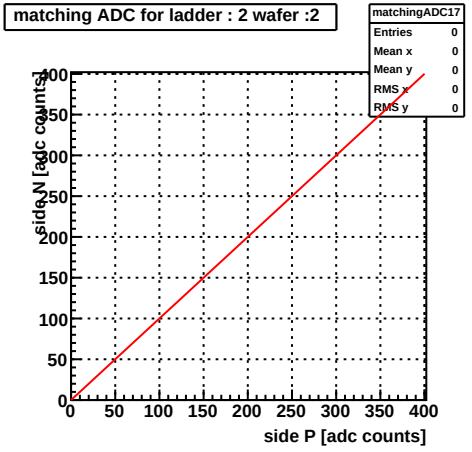

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

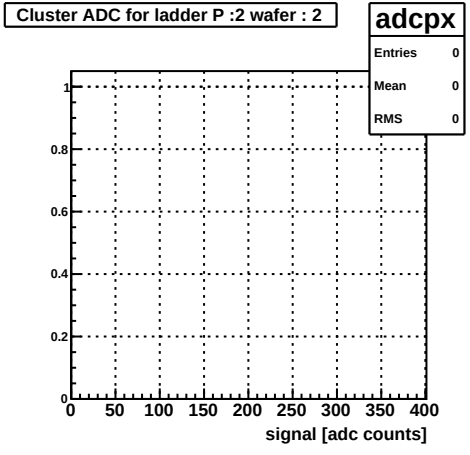

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

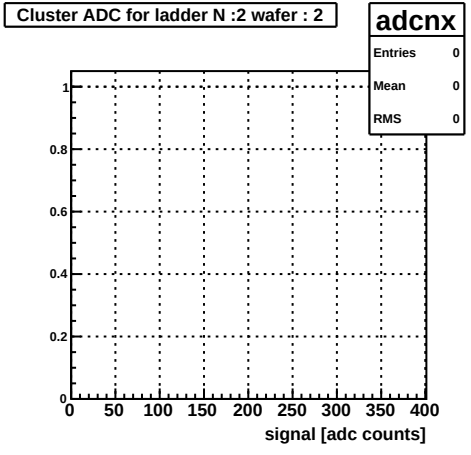

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

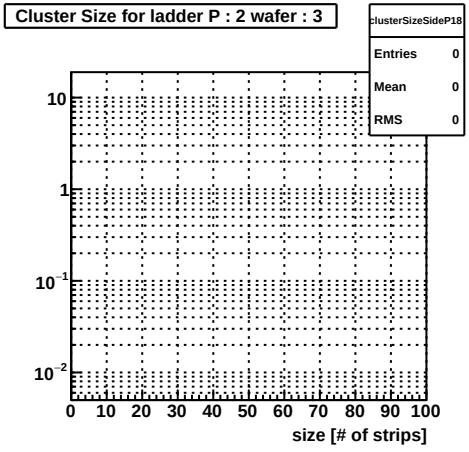

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

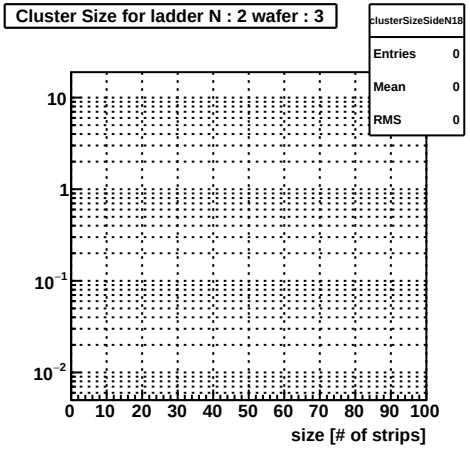

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

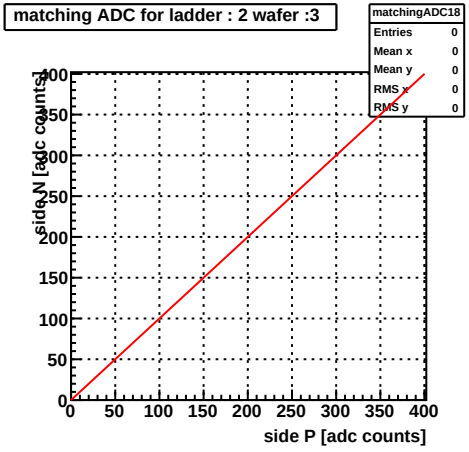

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

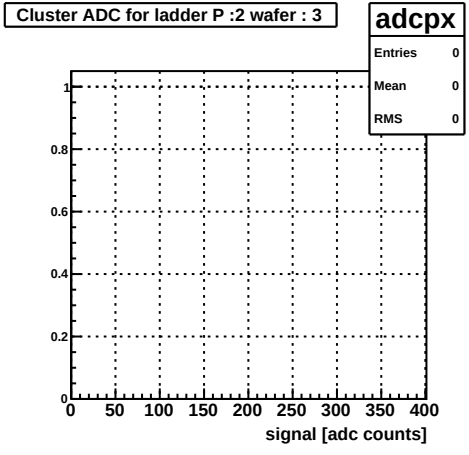

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

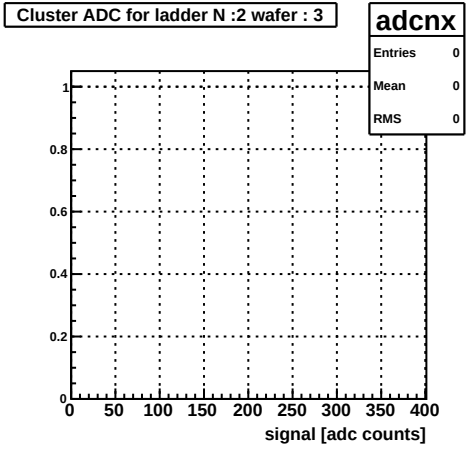

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

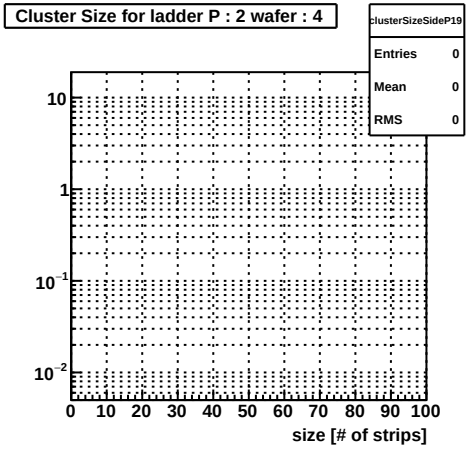

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

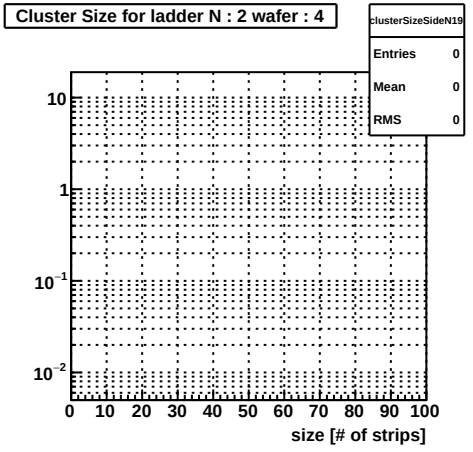

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

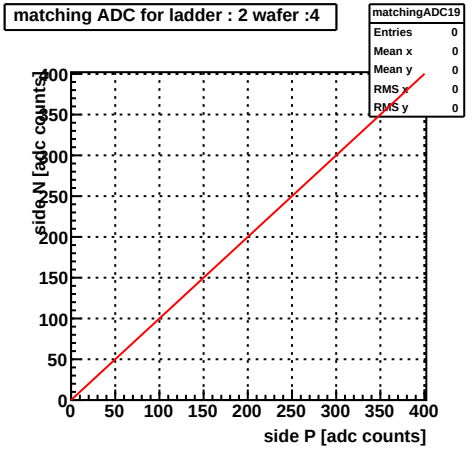

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

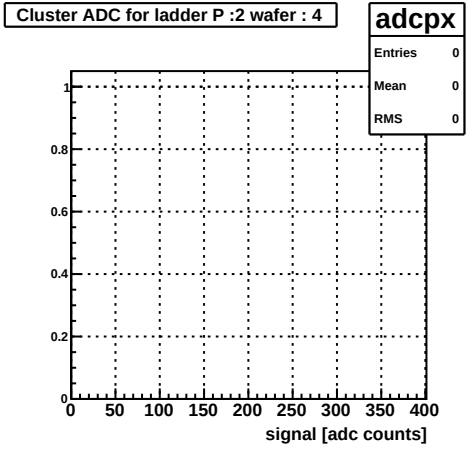

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

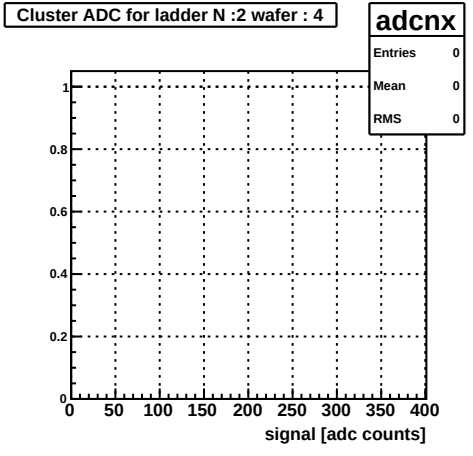

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

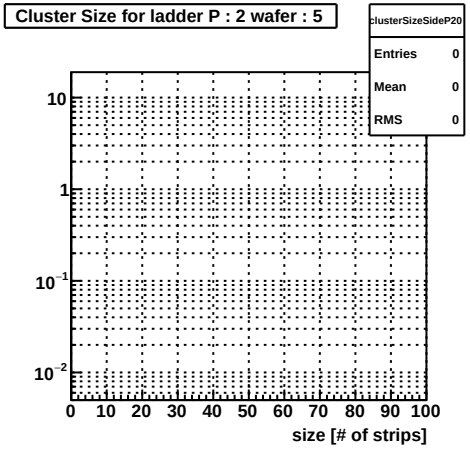

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

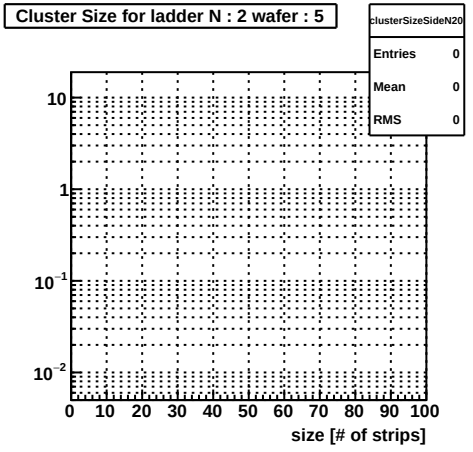

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

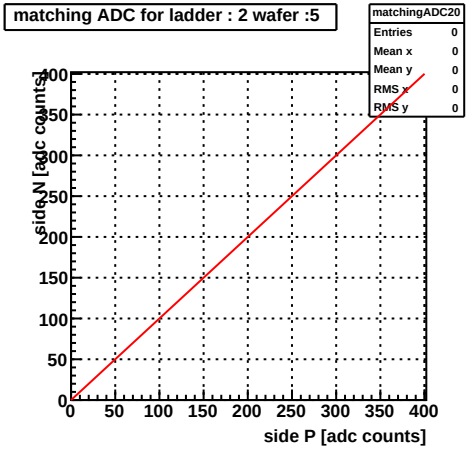

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

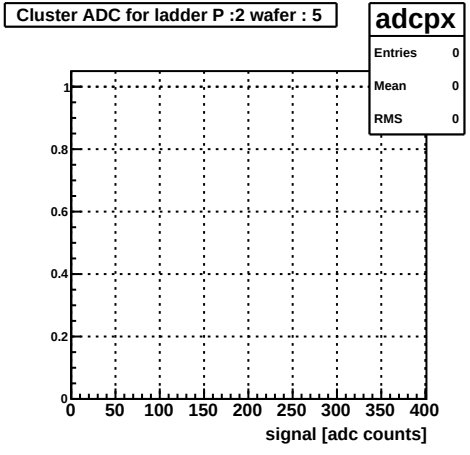

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

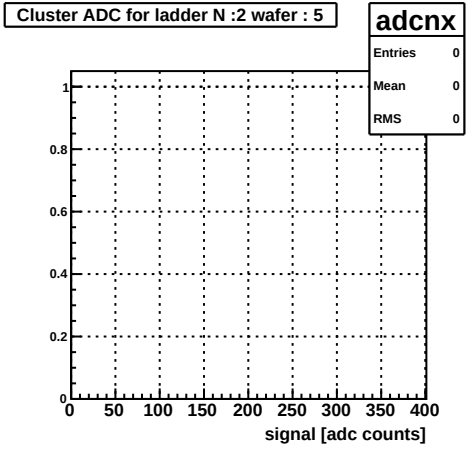

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

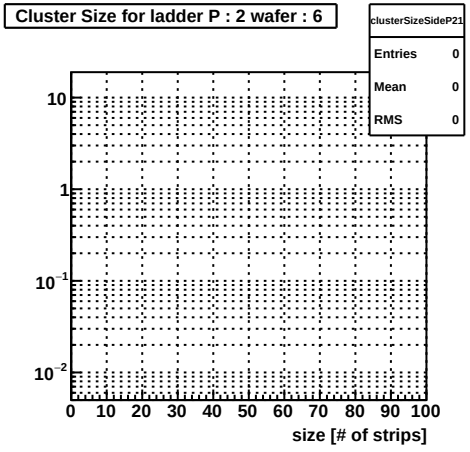

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

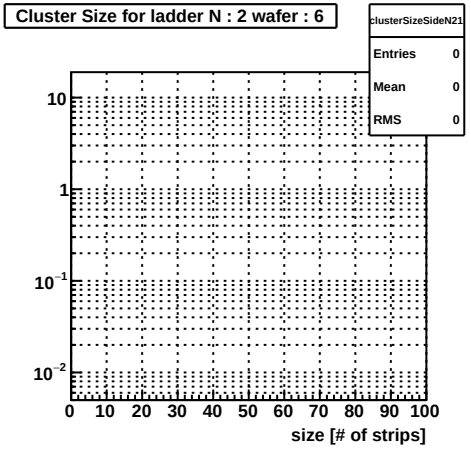

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

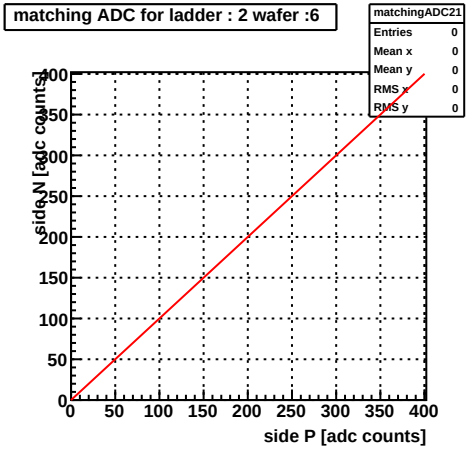

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

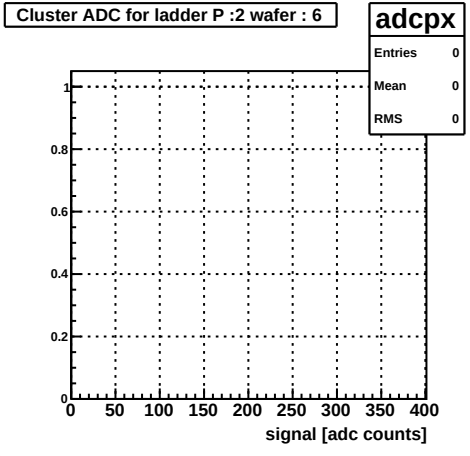

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

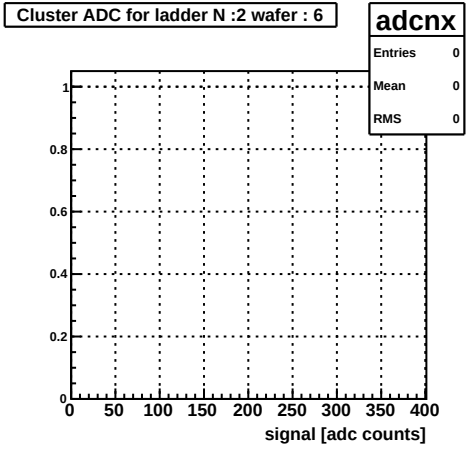

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

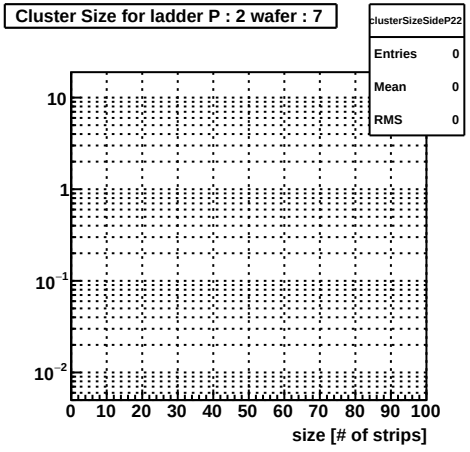

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

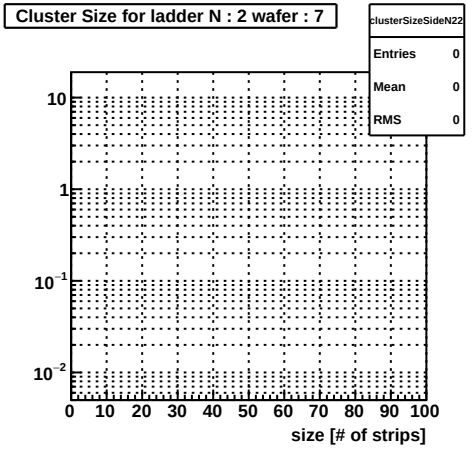

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

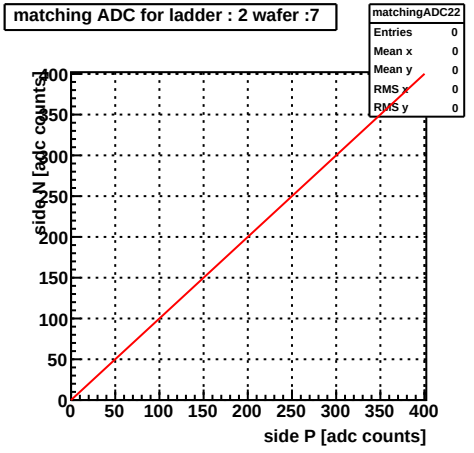

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

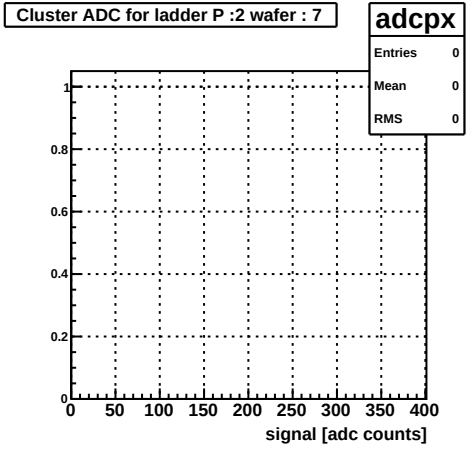

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

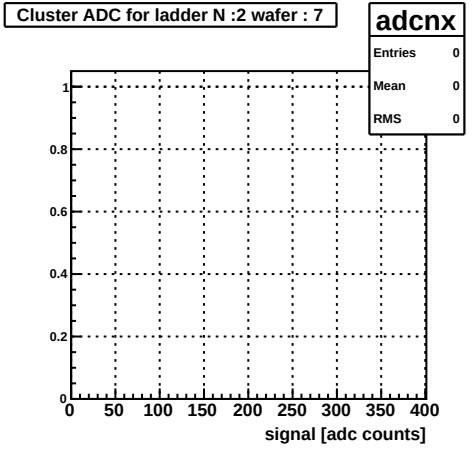

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

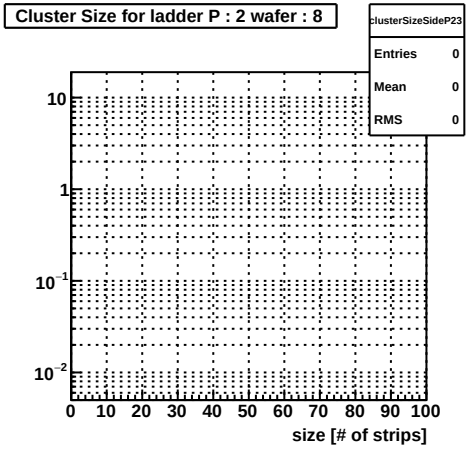

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

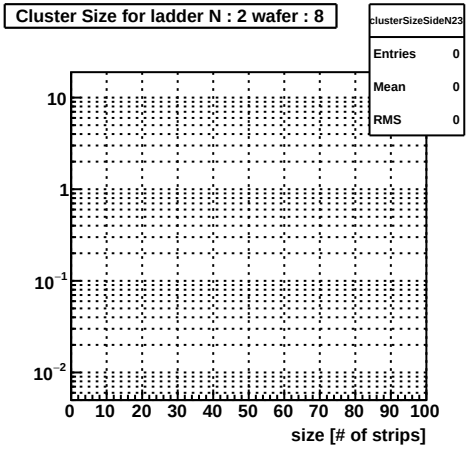

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

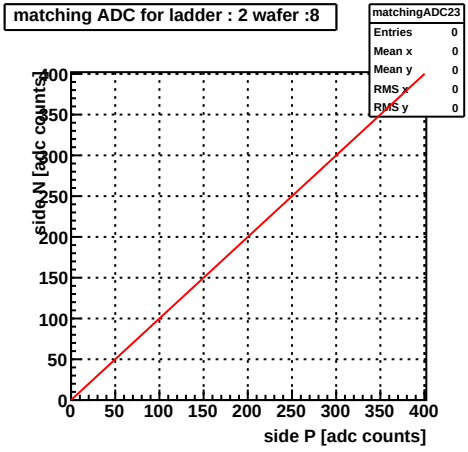

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

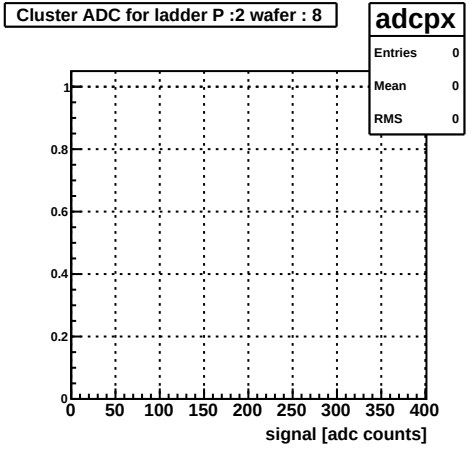

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

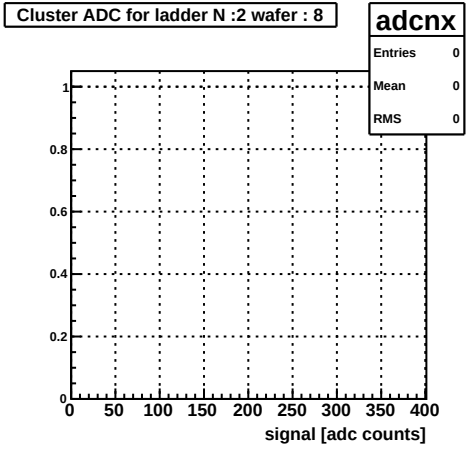

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

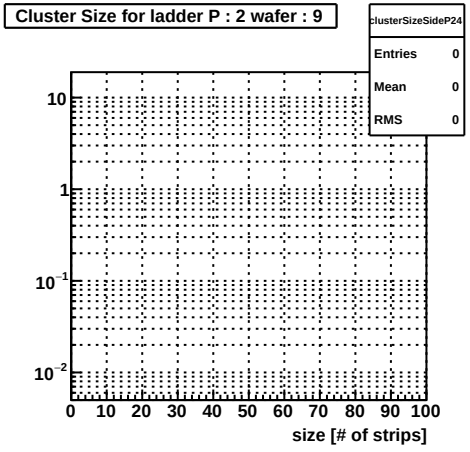

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

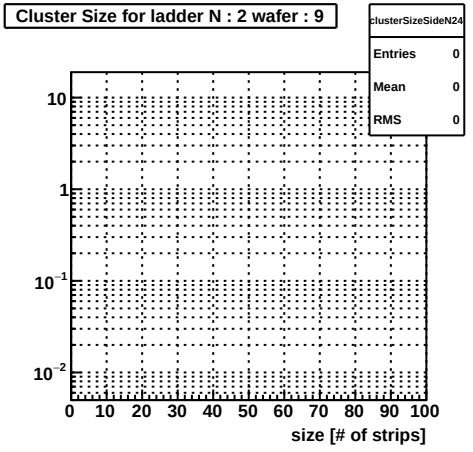

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

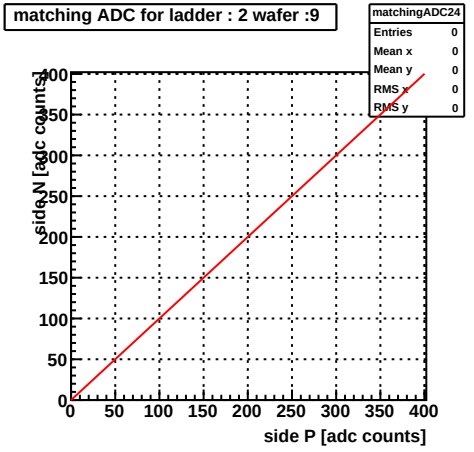

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

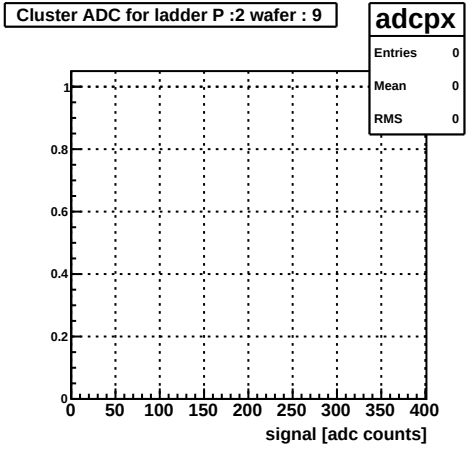

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

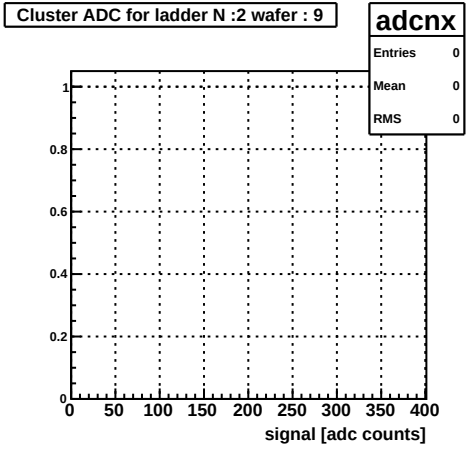

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

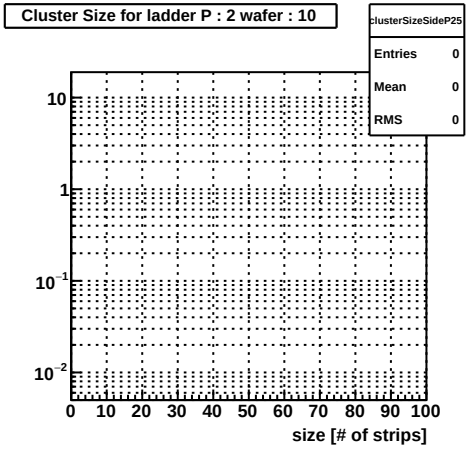

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

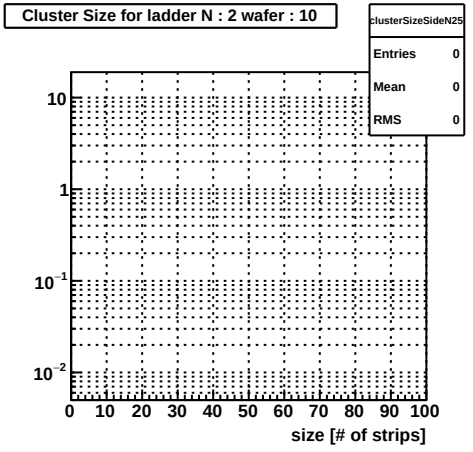

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

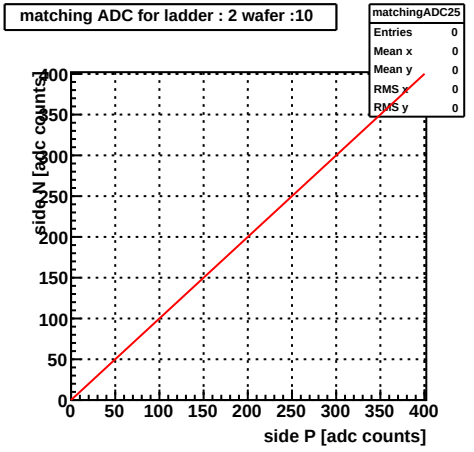

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

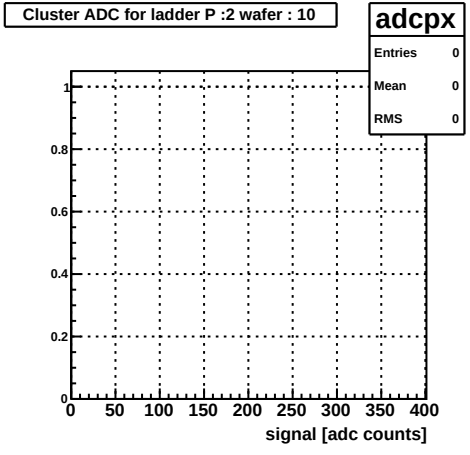

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

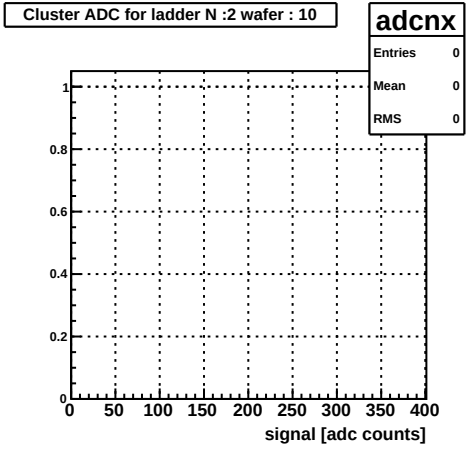

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

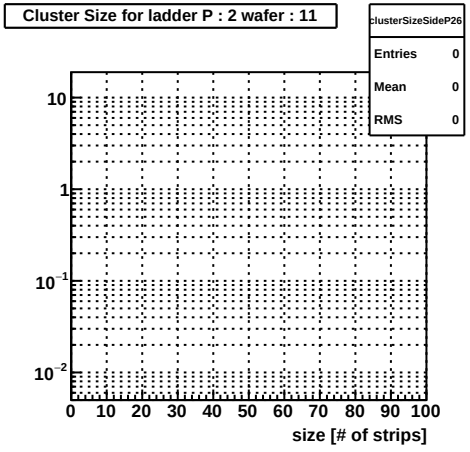

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

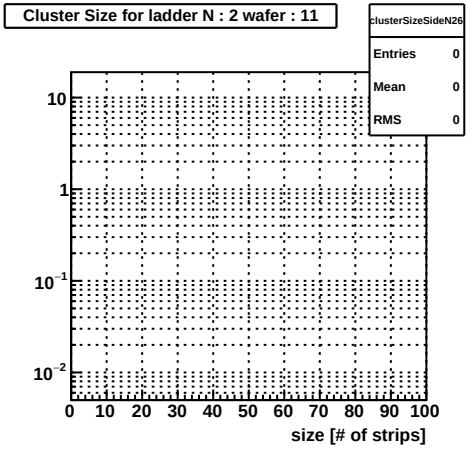

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

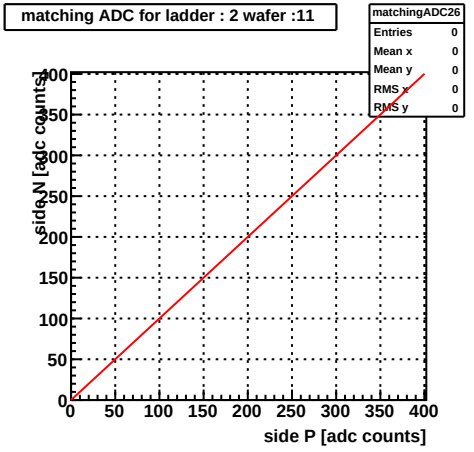

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

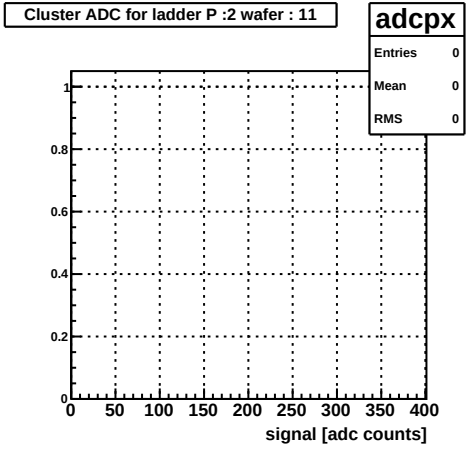

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

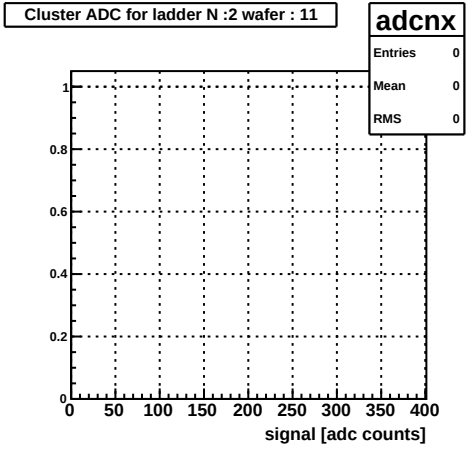

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

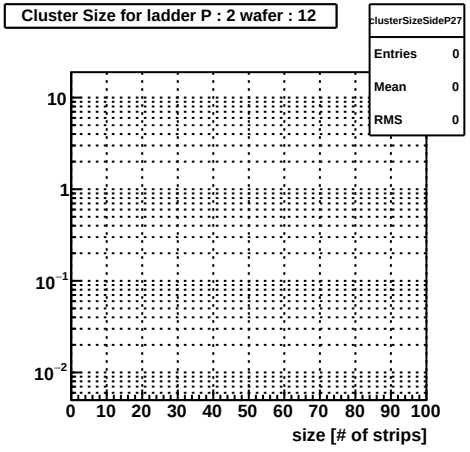

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

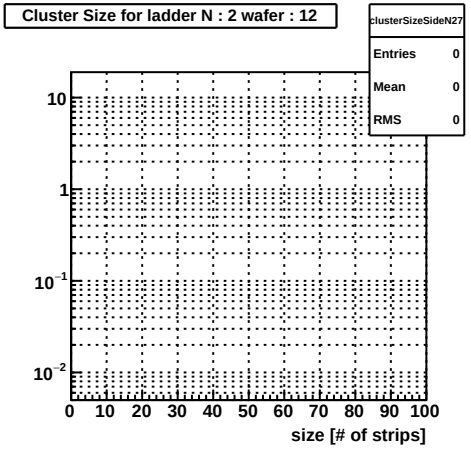

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

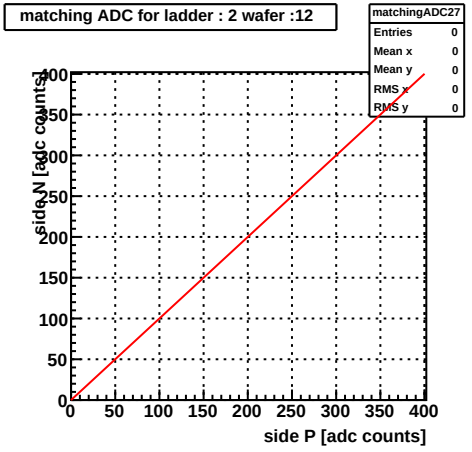

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

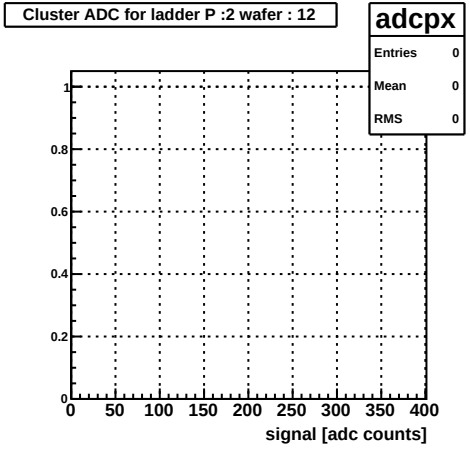

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

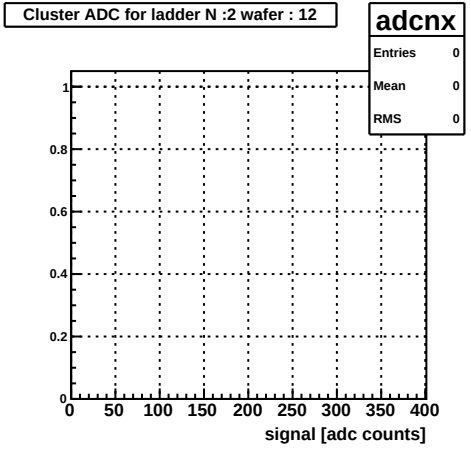

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

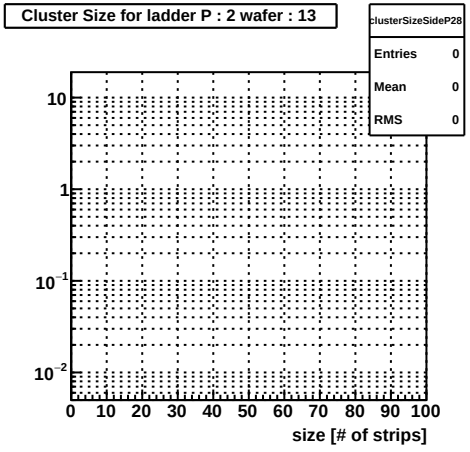

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

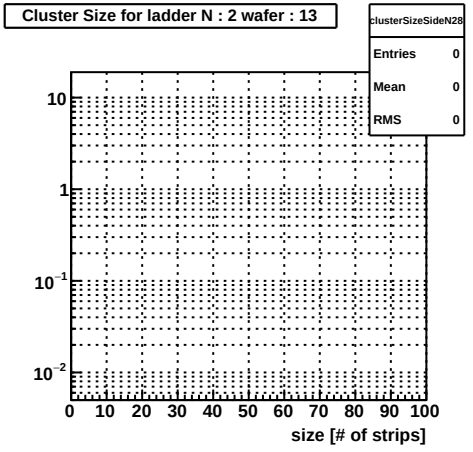

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

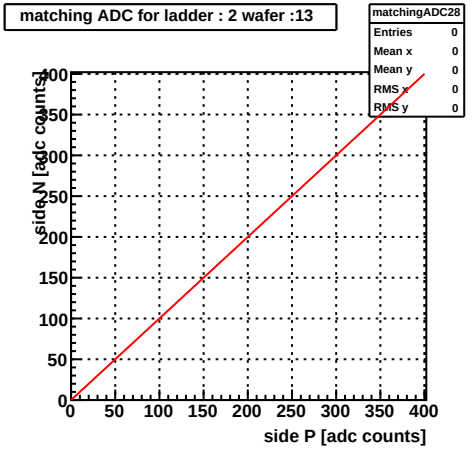

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

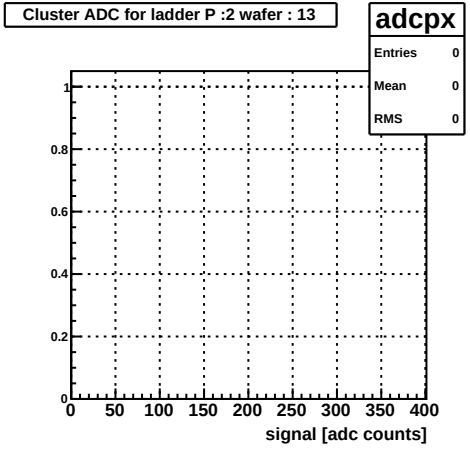

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

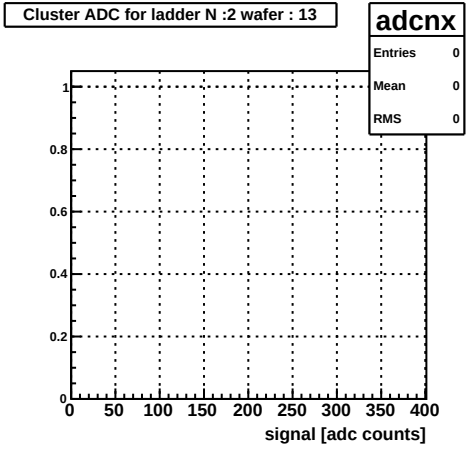

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

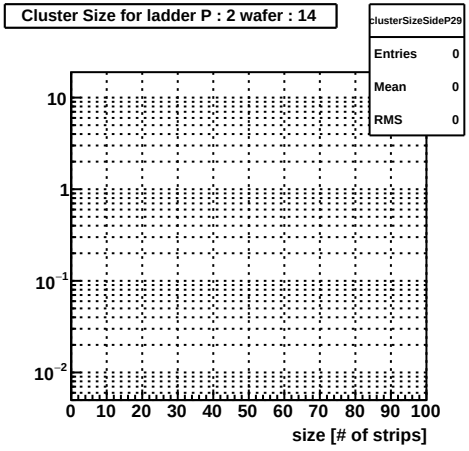

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

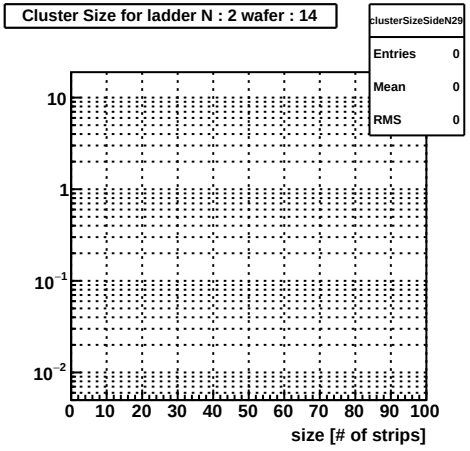

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

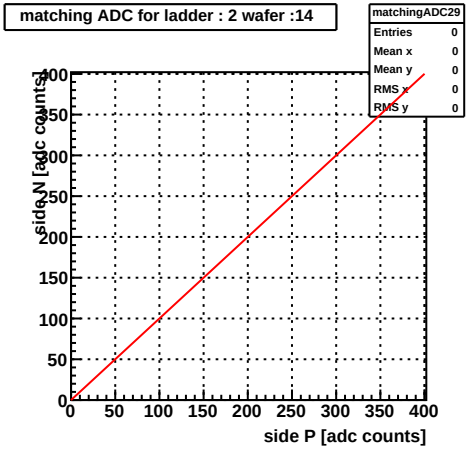

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

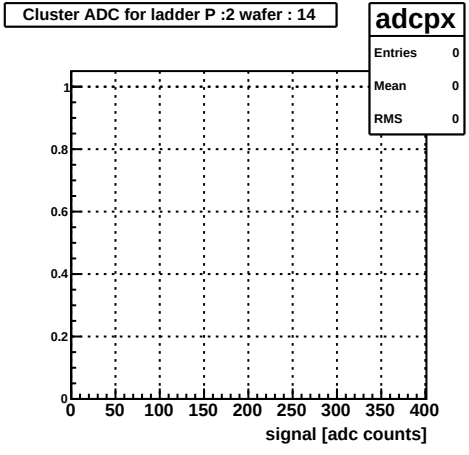

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

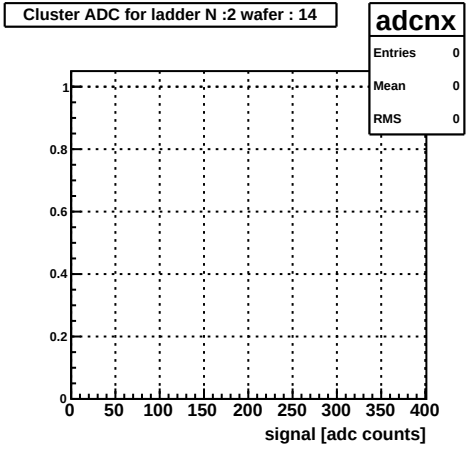

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

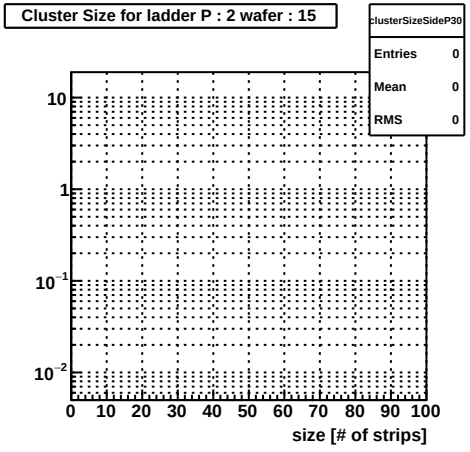

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

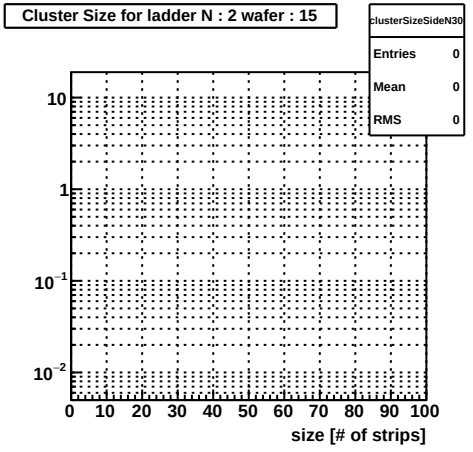

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

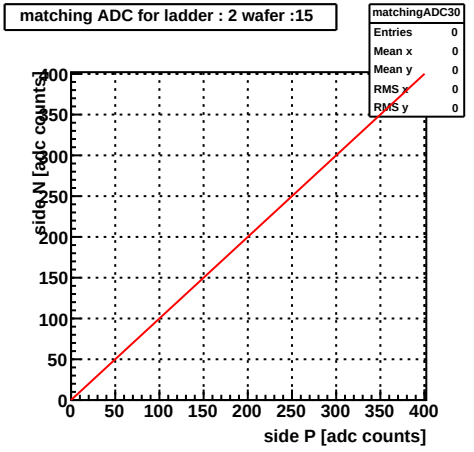

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

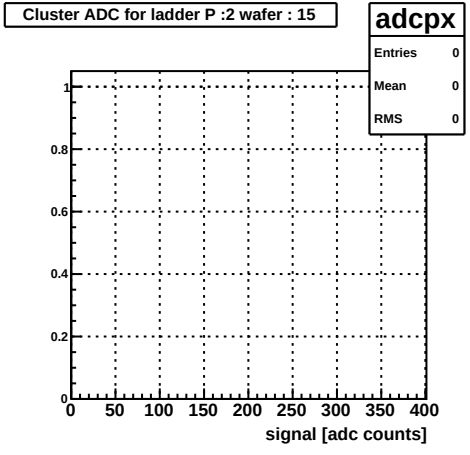

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

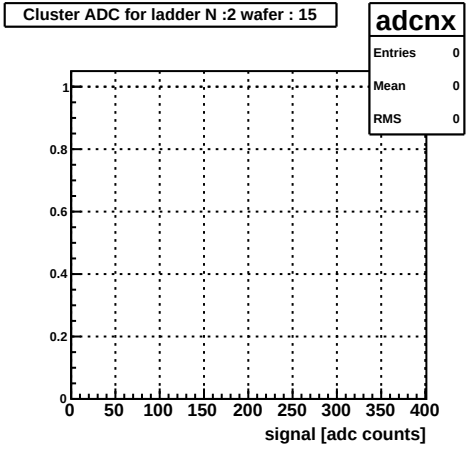

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

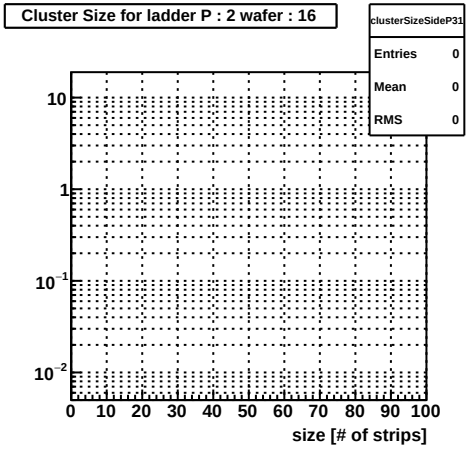

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

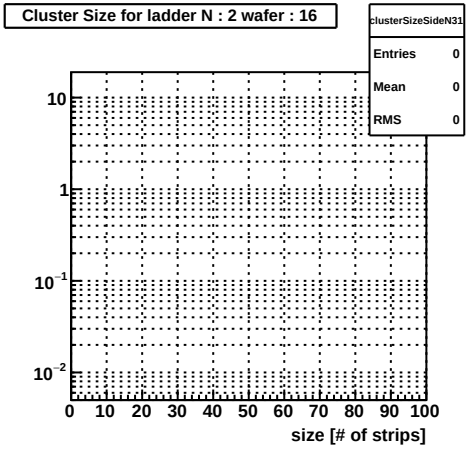

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

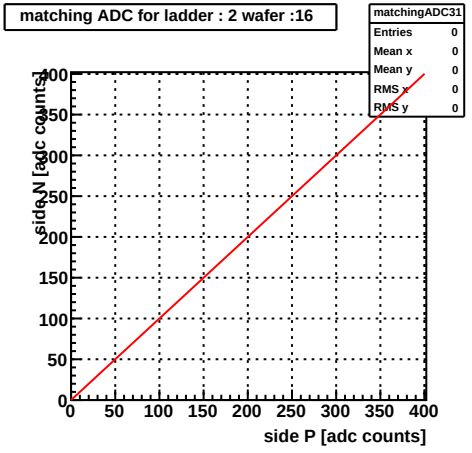

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

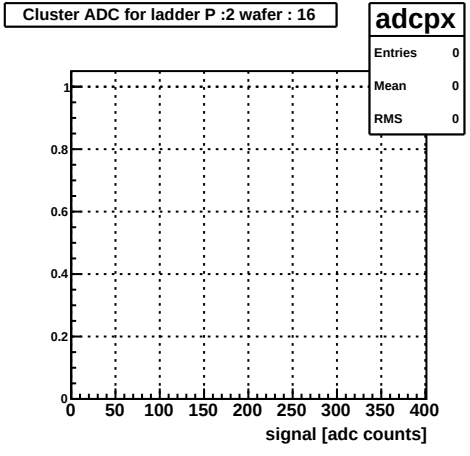

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

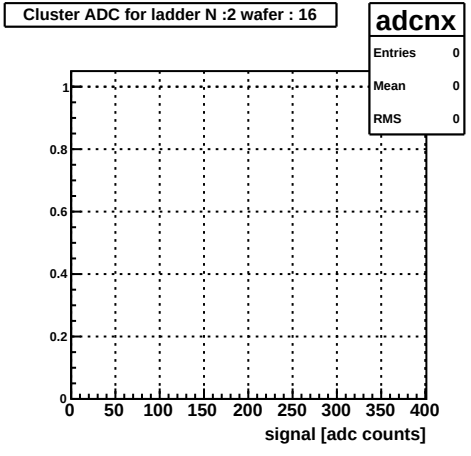

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

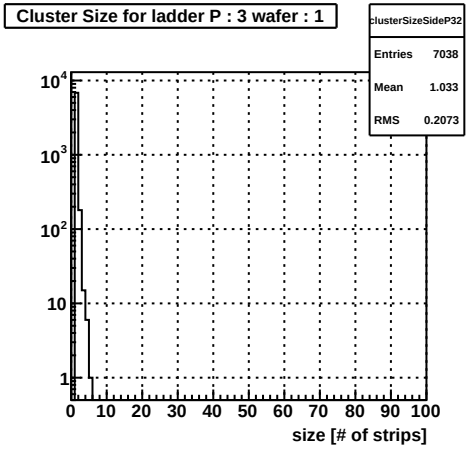

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

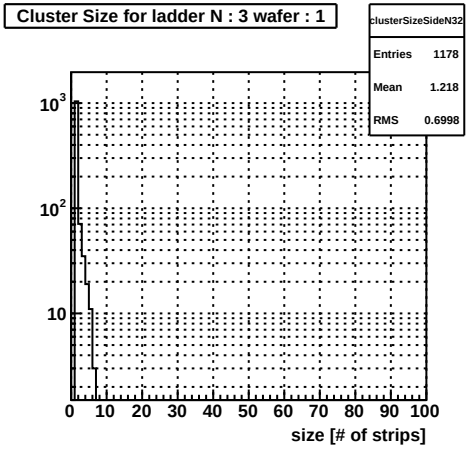

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

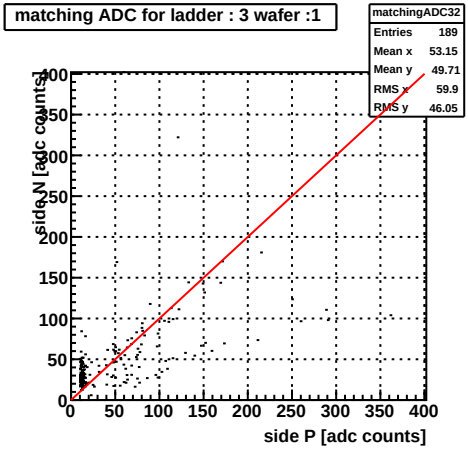

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

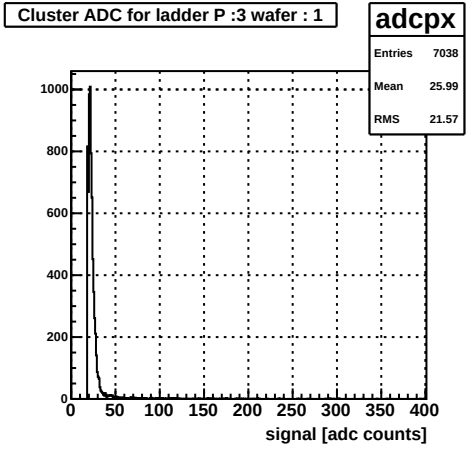

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

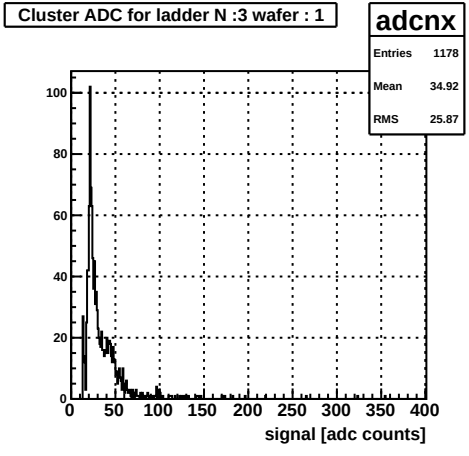

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

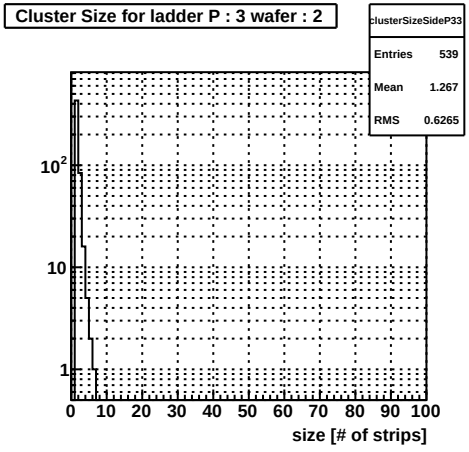

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 7038
Mean 1.033
RMS 0.2073
size [# of strips]

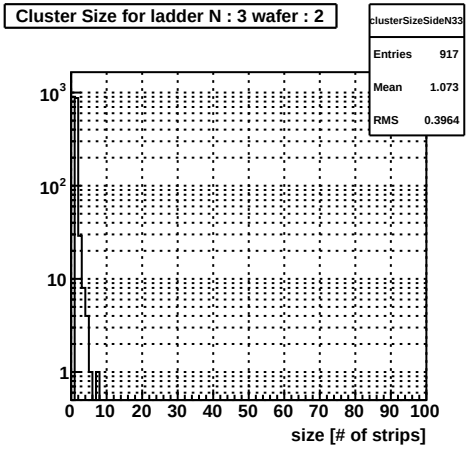

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 1178
Mean 1.218
RMS 0.6998
size [# of strips]

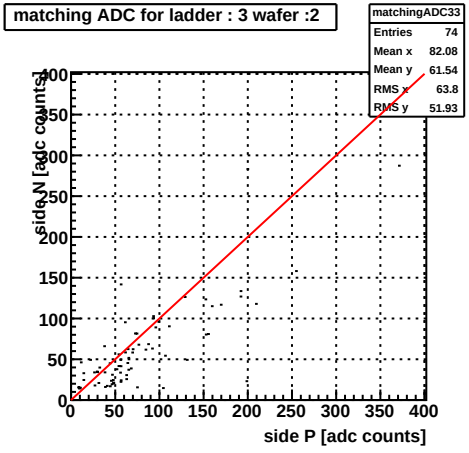

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 189
Mean x 53.15
Mean y 49.71
RMS x 59.9
RMS y 46.05
side N [adc counts]
side P [adc counts]

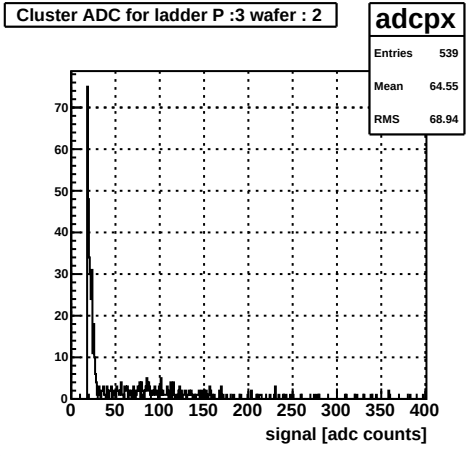

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 7038
Mean 25.99
RMS 21.57
signal [adc counts]

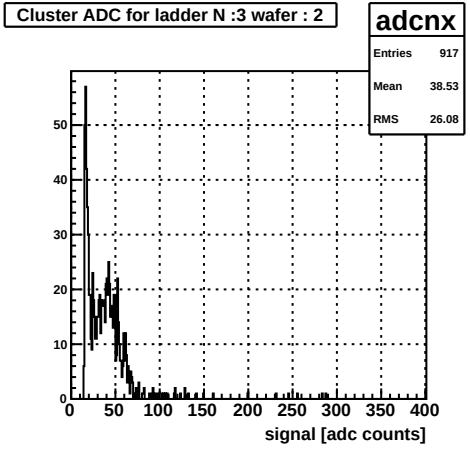

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 1178
Mean 34.92
RMS 25.87
signal [adc counts]

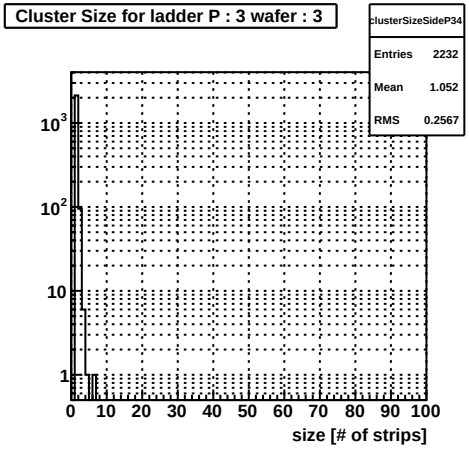

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 539
Mean 1.267
RMS 0.6265
size [# of strips]

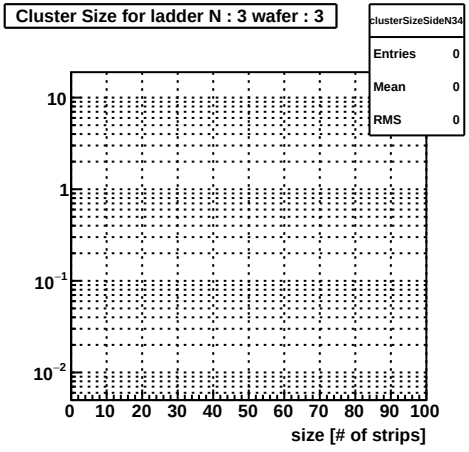

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 917
Mean 1.073
RMS 0.3964
size [# of strips]

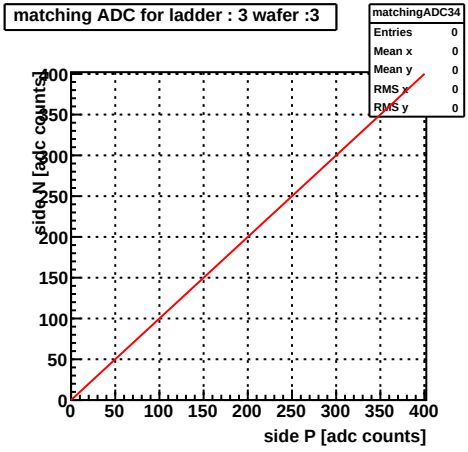

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 74
Mean x 82.08
Mean y 61.54
RMS x 63.8
RMS y 51.93
side N [adc counts]
side P [adc counts]

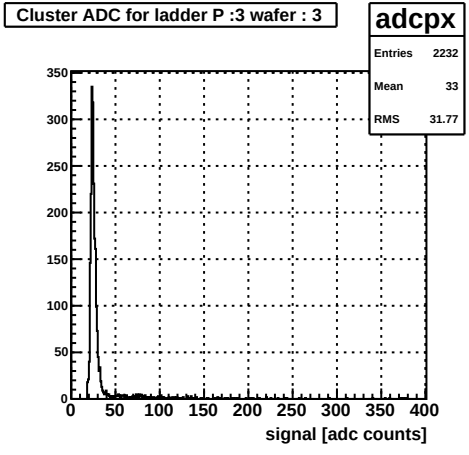

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 539
Mean 64.55
RMS 68.94
signal [adc counts]

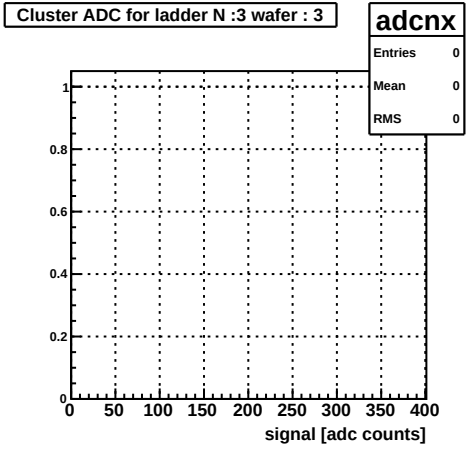

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 917
Mean 38.53
RMS 26.08
signal [adc counts]

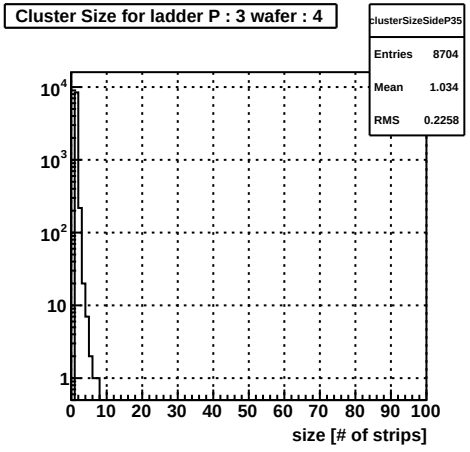

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 2232
Mean 1.052
RMS 0.2567
size [# of strips]

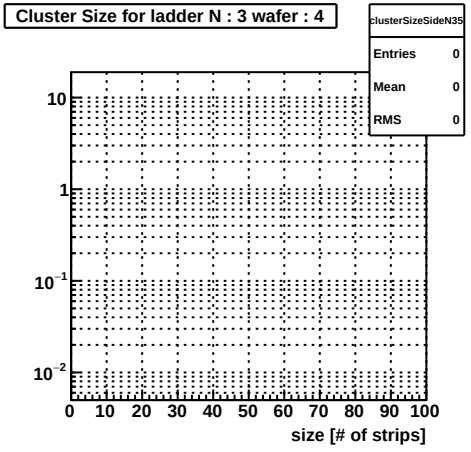

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

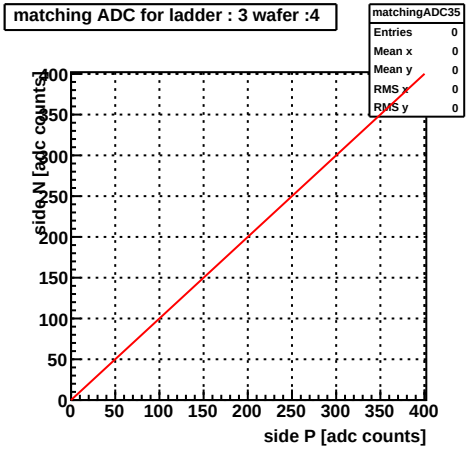

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

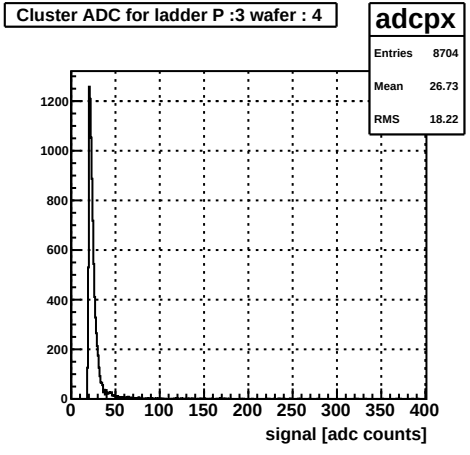

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 2232
Mean 33
RMS 31.77
signal [adc counts]

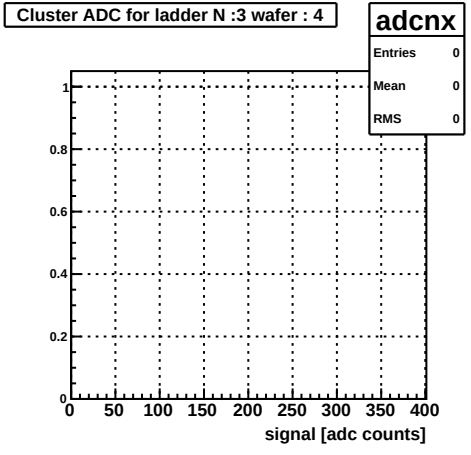

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

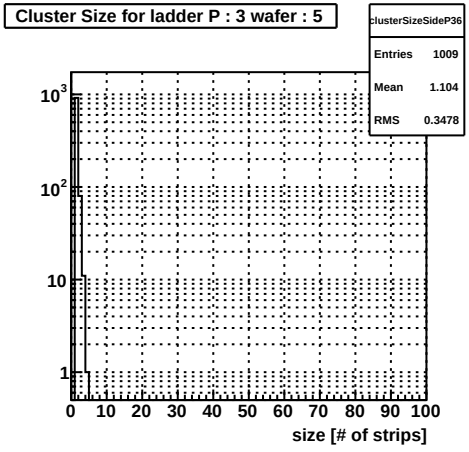

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 8704
Mean 1.034
RMS 0.2258
size [# of strips]

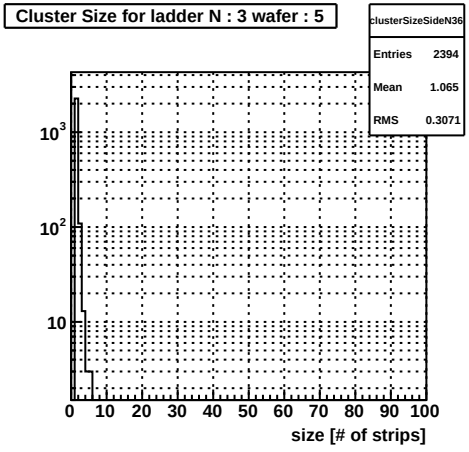

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

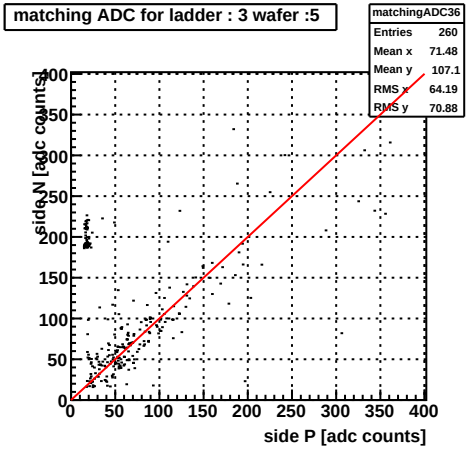

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

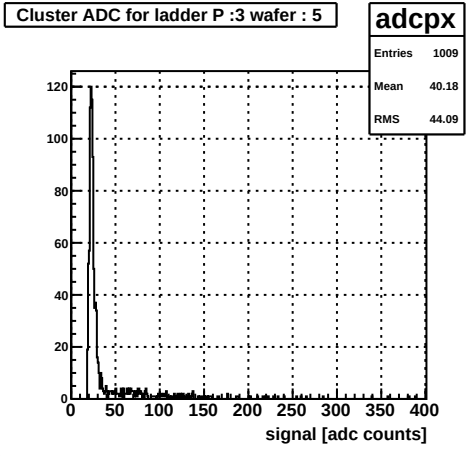

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 8704
Mean 26.73
RMS 18.22
signal [adc counts]

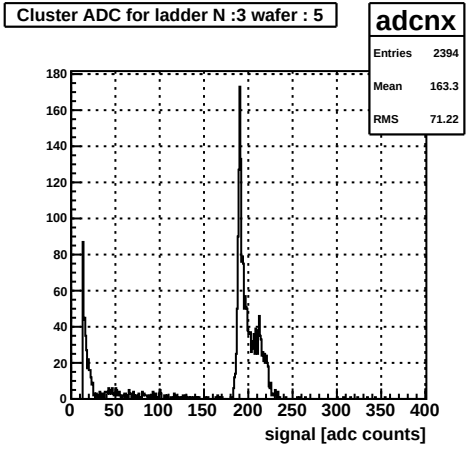

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

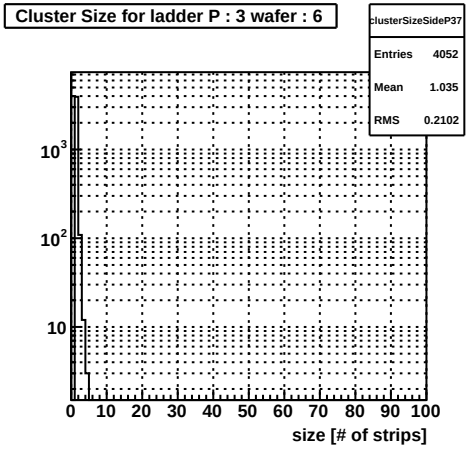

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 1009
Mean 1.104
RMS 0.3478
size [# of strips]

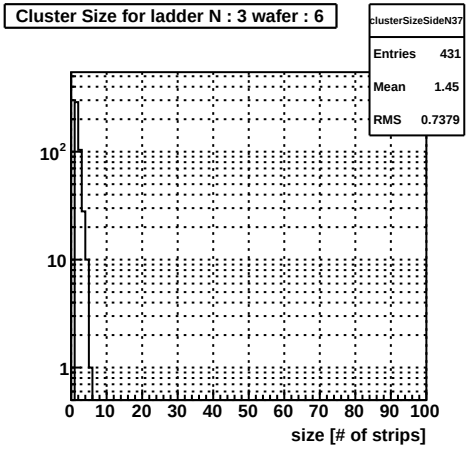

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 2394
Mean 1.065
RMS 0.3071
size [# of strips]

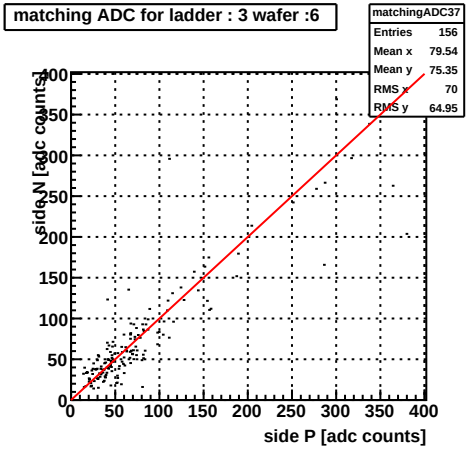

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 260
Mean x 71.48
Mean y 107.1
RMS x 64.19
RMS y 70.88
side N [adc counts]
side P [adc counts]

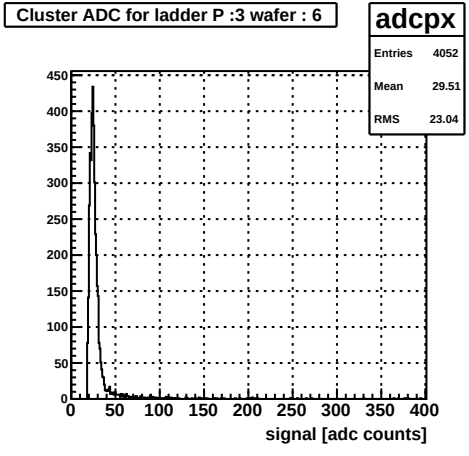

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 1009
Mean 40.18
RMS 44.09
signal [adc counts]

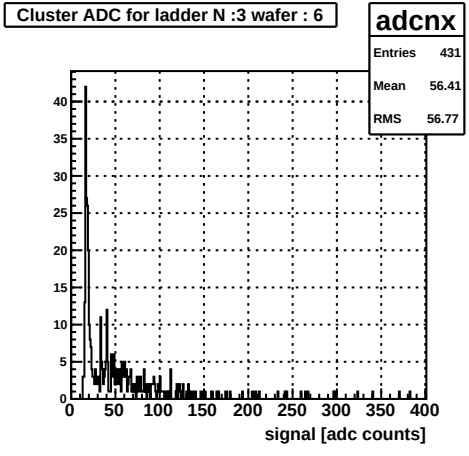

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 2394
Mean 163.3
RMS 71.22
signal [adc counts]

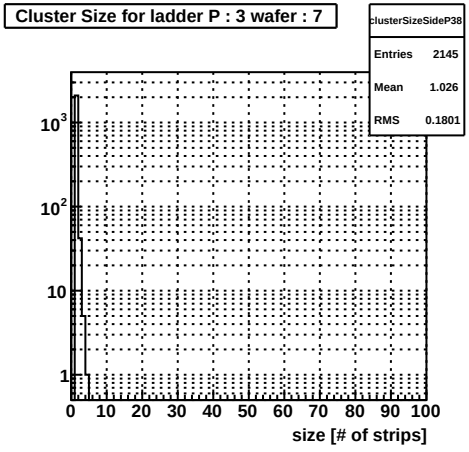

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 4052
Mean 1.035
RMS 0.2102
size [# of strips]

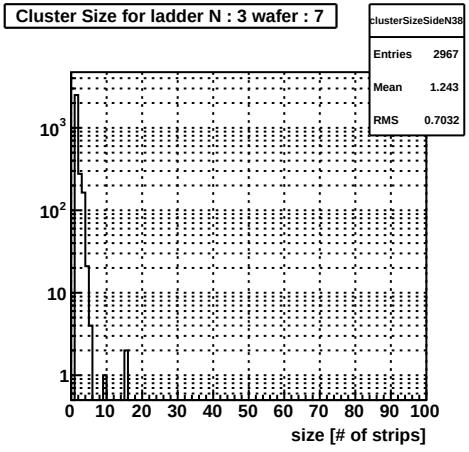

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 431
Mean 1.45
RMS 0.7379
size [# of strips]

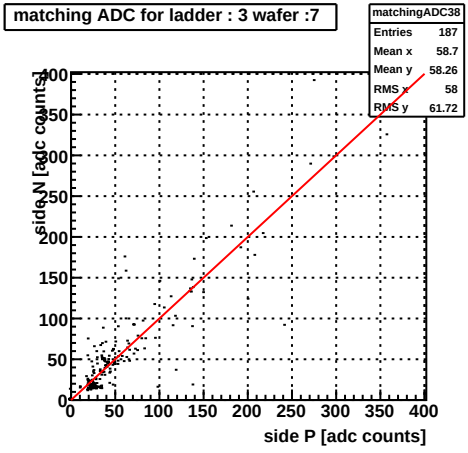

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 156
Mean x 79.54
Mean y 75.35
RMS x 70
RMS y 64.95
side N [adc counts]
side P [adc counts]

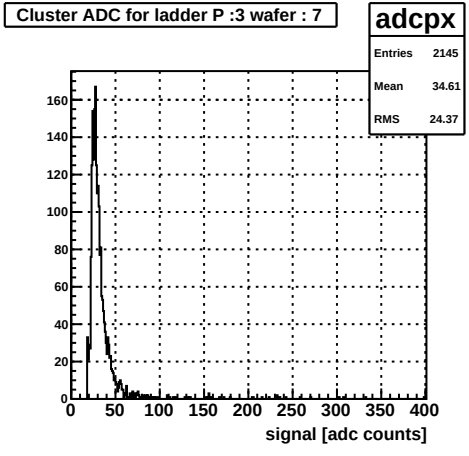

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 4052
Mean 29.51
RMS 23.04
signal [adc counts]

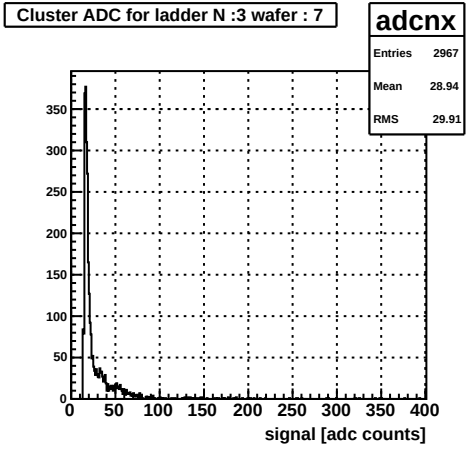

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 431
Mean 56.41
RMS 56.77
signal [adc counts]

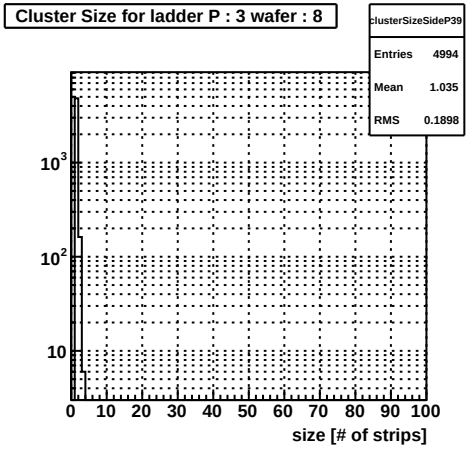

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 2145
Mean 1.026
RMS 0.1801
size [# of strips]

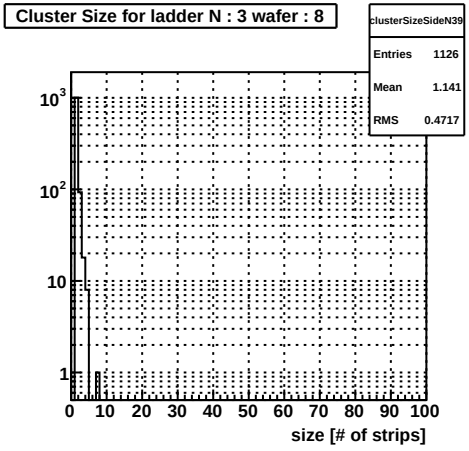

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 2967
Mean 1.243
RMS 0.7032
size [# of strips]

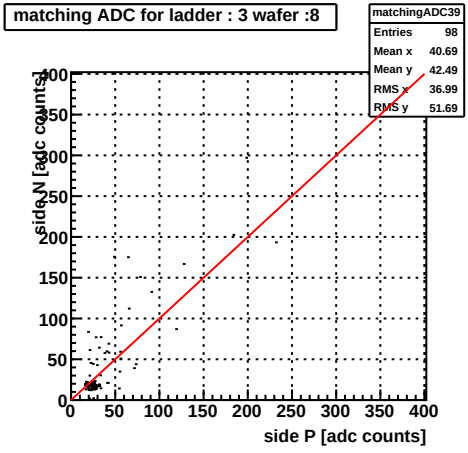

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 187
Mean x 58.7
Mean y 58.26
RMS x 58
RMS y 61.72
side N [adc counts]
side P [adc counts]

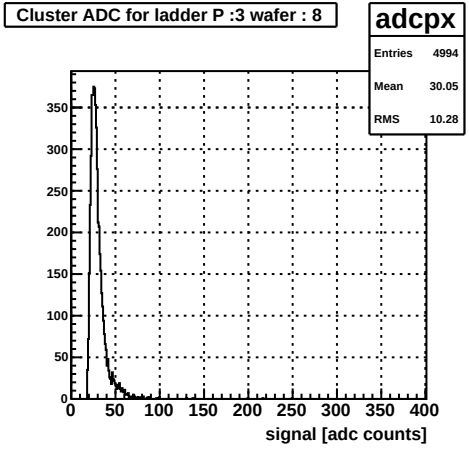

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 2145
Mean 34.61
RMS 24.37
signal [adc counts]

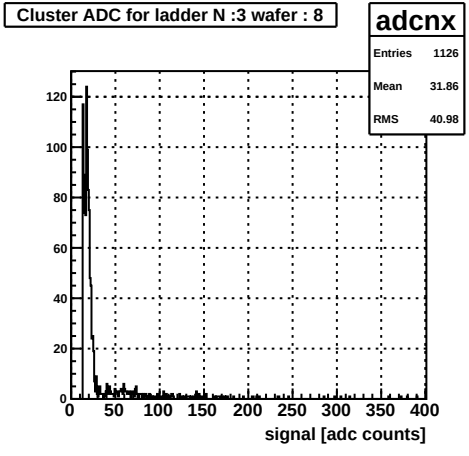

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 2967
Mean 28.94
RMS 29.91
signal [adc counts]

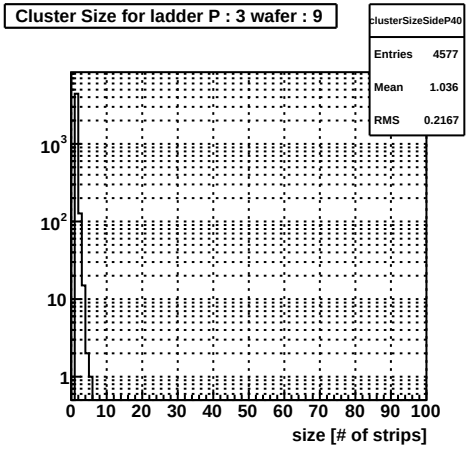

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 4994
Mean 1.035
RMS 0.1898
size [# of strips]

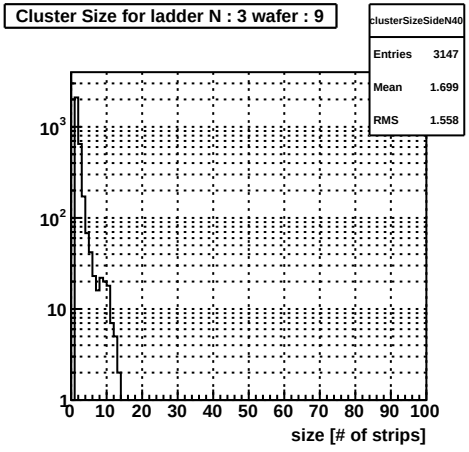

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 1126
Mean 1.141
RMS 0.4717
size [# of strips]

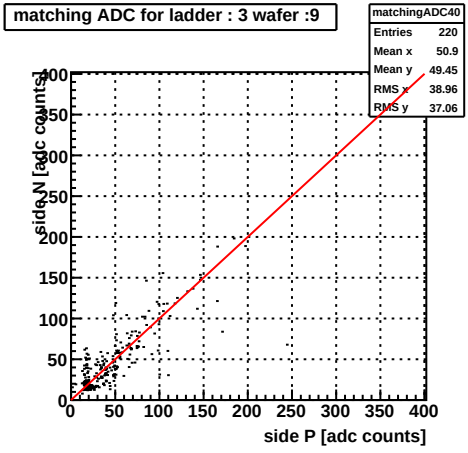

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 98
Mean x 40.69
Mean y 42.49
RMS x 36.99
RMS y 51.69
side N [adc counts]
side P [adc counts]

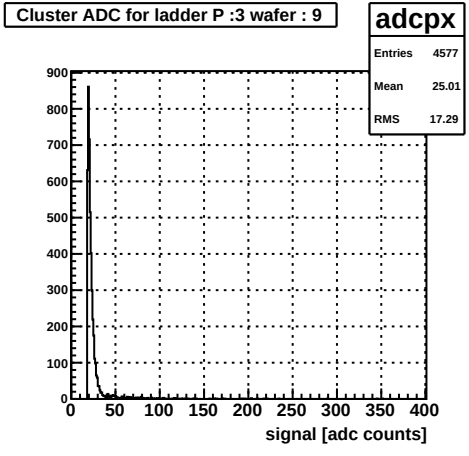

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 4994
Mean 30.05
RMS 10.28
signal [adc counts]

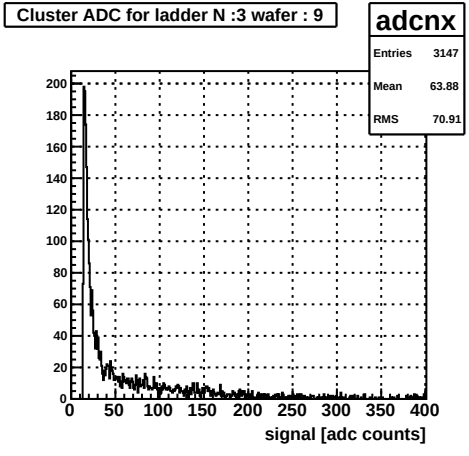

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 1126
Mean 31.86
RMS 40.98
signal [adc counts]

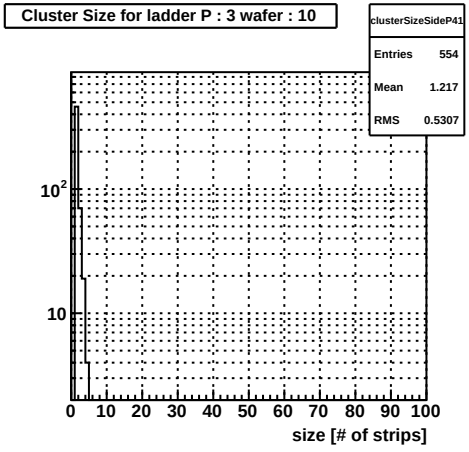

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 4577
Mean 1.036
RMS 0.2167
size [# of strips]

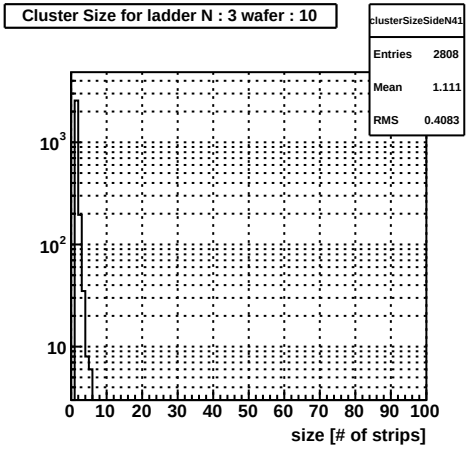

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 3147
Mean 1.699
RMS 1.558
size [# of strips]

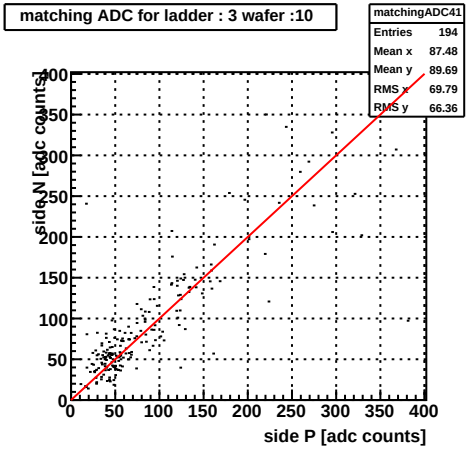

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 220
Mean x 50.9
Mean y 49.45
RMS x 38.96
RMS y 37.06
side N [adc counts]
side P [adc counts]

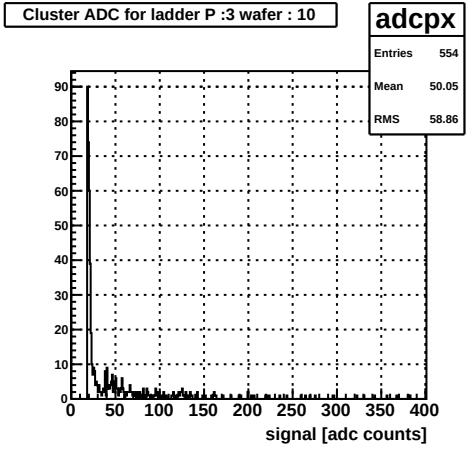

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 4577
Mean 25.01
RMS 17.29
signal [adc counts]

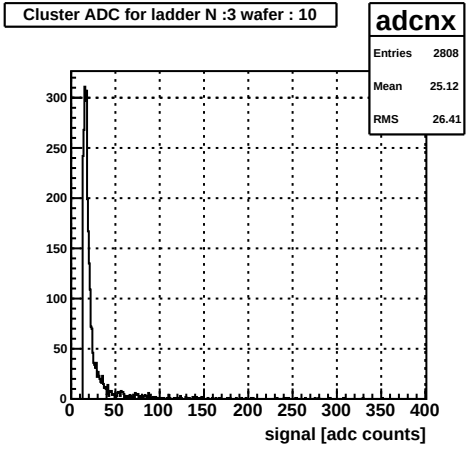

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 3147
Mean 63.88
RMS 70.91
signal [adc counts]

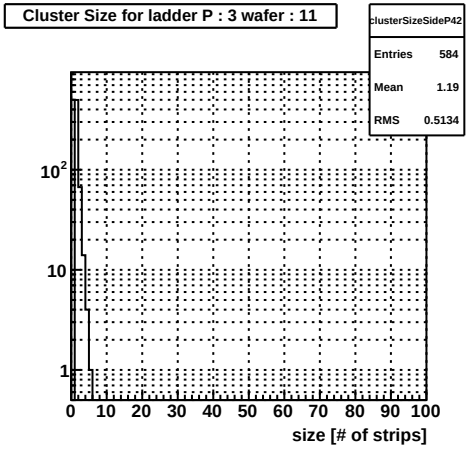

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 554
Mean 1.217
RMS 0.5307
size [# of strips]

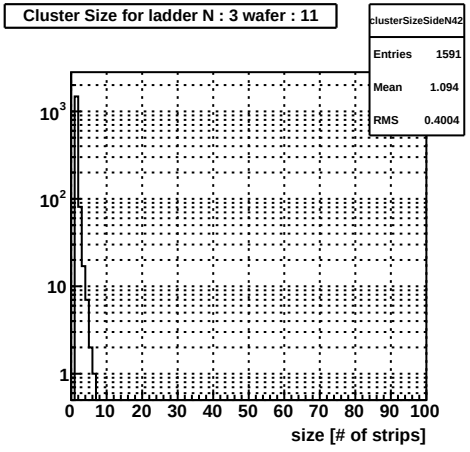

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 2808
Mean 1.111
RMS 0.4083
size [# of strips]

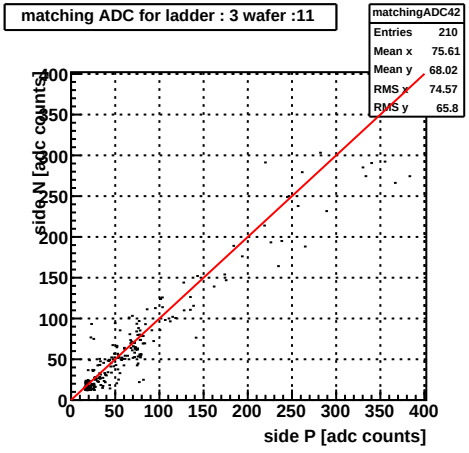

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 194
Mean x 87.48
Mean y 89.69
RMS x 69.79
RMS y 66.36
side N [adc counts]
side P [adc counts]

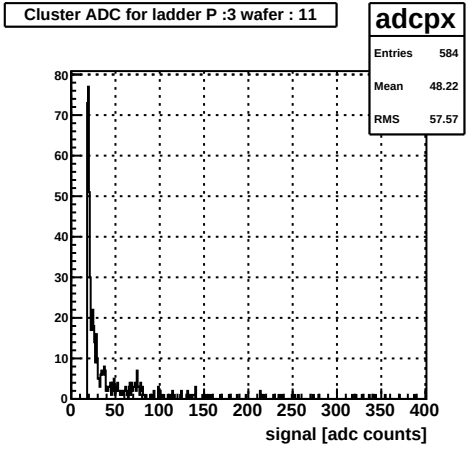

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 554
Mean 50.05
RMS 58.86
signal [adc counts]

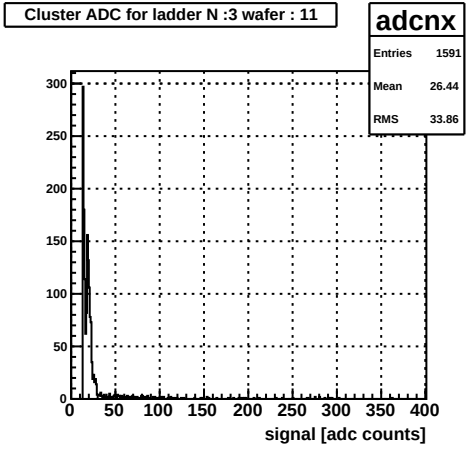

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 2808
Mean 25.12
RMS 26.41
signal [adc counts]

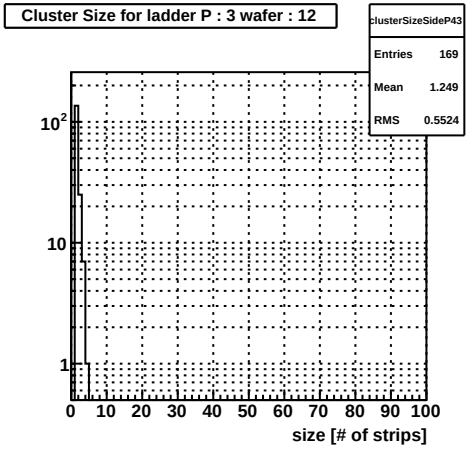

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 584
Mean 1.19
RMS 0.5134
size [# of strips]

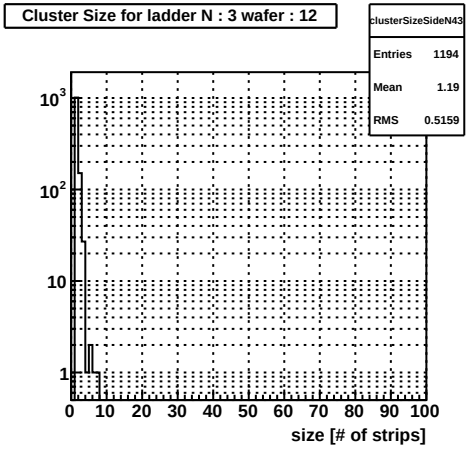

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 1591
Mean 1.094
RMS 0.4004
size [# of strips]

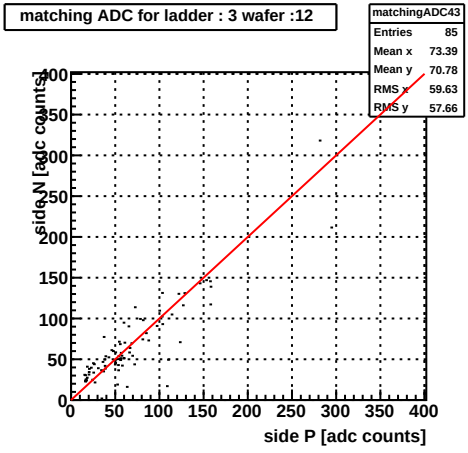

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 210
Mean x 75.61
Mean y 68.02
RMS x 74.57
RMS y 65.8
side N [adc counts]
side P [adc counts]

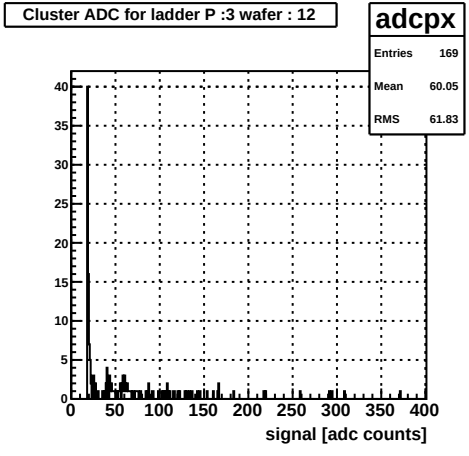

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 584
Mean 48.22
RMS 57.57
signal [adc counts]

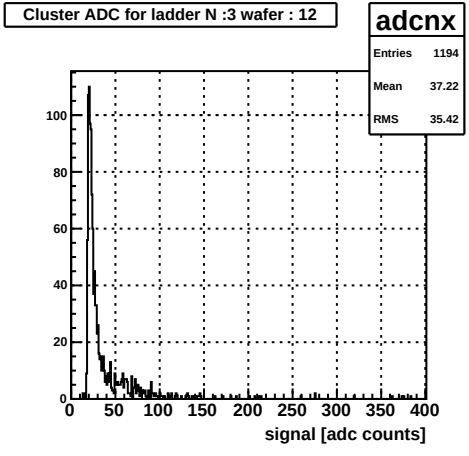

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 1591
Mean 26.44
RMS 33.86
signal [adc counts]

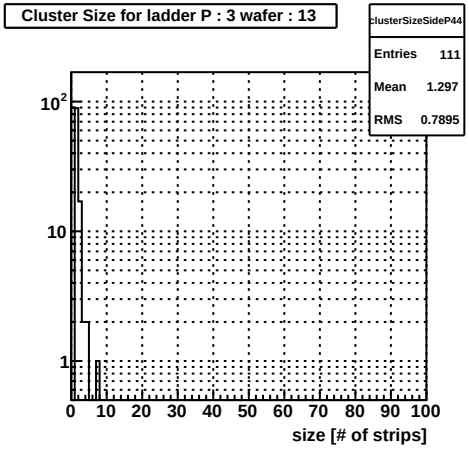

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 169
Mean 1.249
RMS 0.5524
size [# of strips]

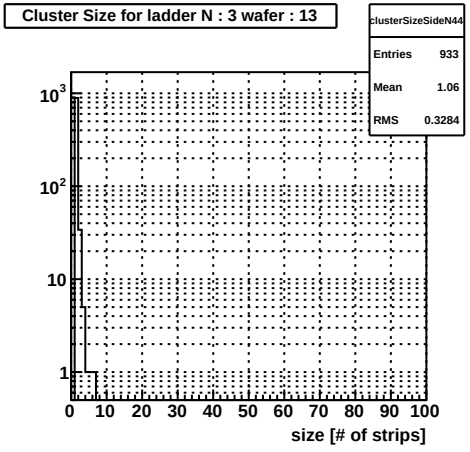

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 1194
Mean 1.19
RMS 0.5159
size [# of strips]

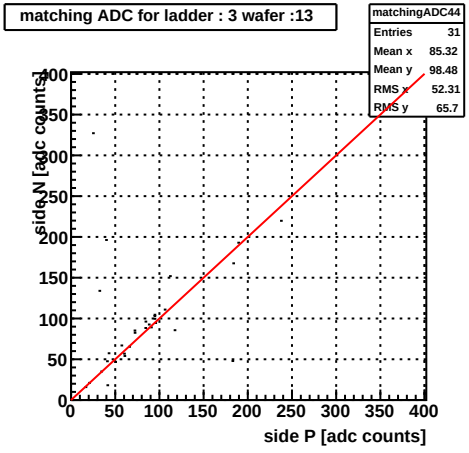

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 85
Mean x 73.39
Mean y 70.78
RMS x 59.63
RMS y 57.66
side N [adc counts]
side P [adc counts]

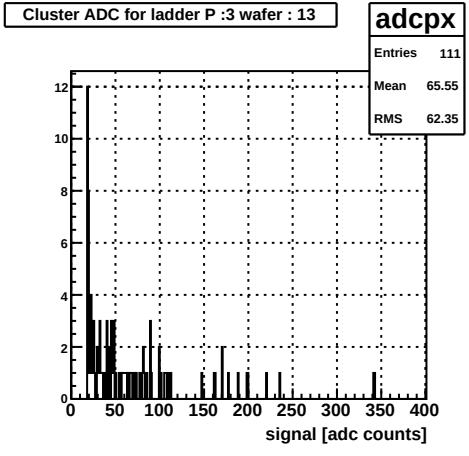

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 169
Mean 60.05
RMS 61.83
signal [adc counts]

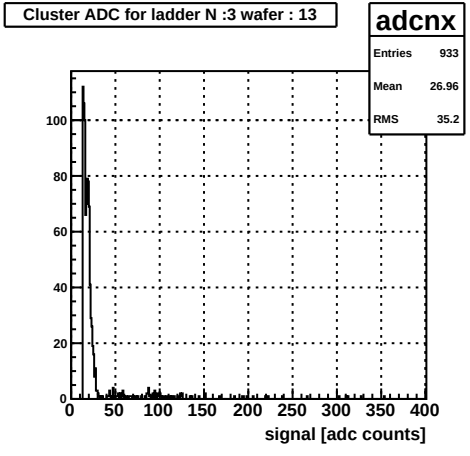

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 1194
Mean 37.22
RMS 35.42
signal [adc counts]

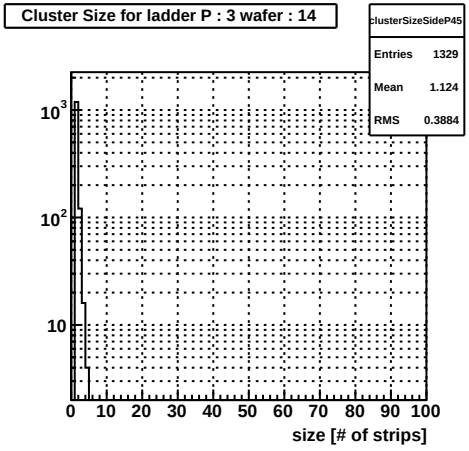

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 111
Mean 1.297
RMS 0.7895
size [# of strips]

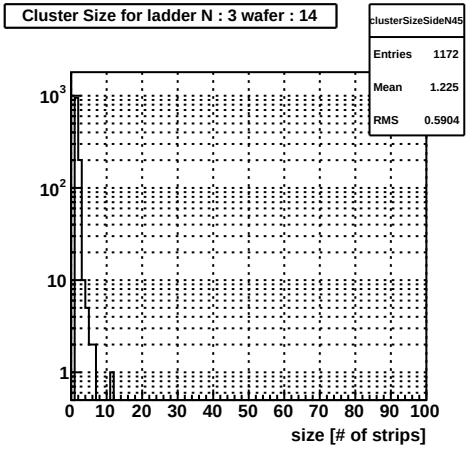

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 933
Mean 1.06
RMS 0.3284
size [# of strips]

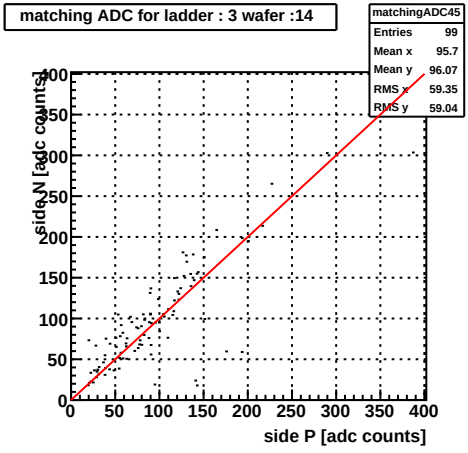

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 31
Mean x 85.32
Mean y 98.48
RMS x 52.31
RMS y 65.7
side N [adc counts]
side P [adc counts]

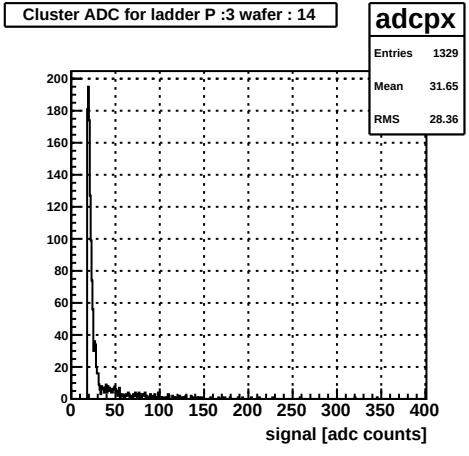

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 111
Mean 65.55
RMS 62.35
signal [adc counts]

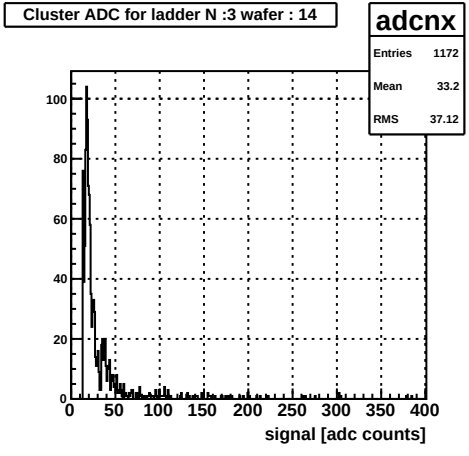

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 933
Mean 26.96
RMS 35.2
signal [adc counts]

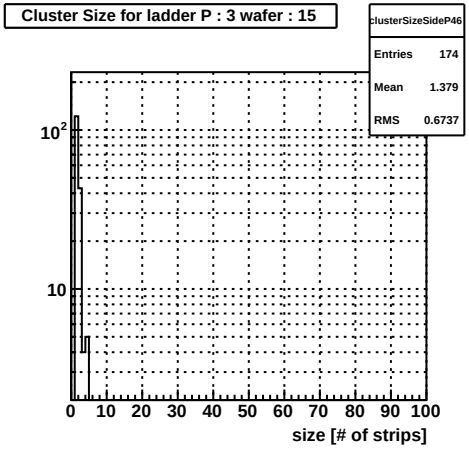

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 1329
Mean 1.124
RMS 0.3884
size [# of strips]

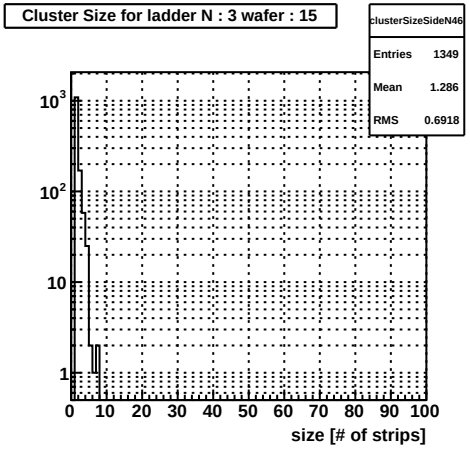

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 1172
Mean 1.225
RMS 0.5904
size [# of strips]

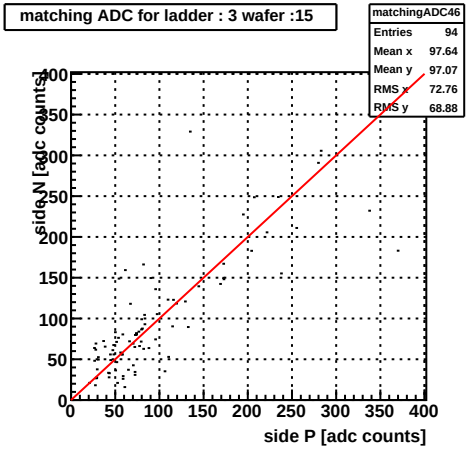

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 99
Mean x 95.7
Mean y 96.07
RMS x 59.35
RMS y 59.04
side N [adc counts]
side P [adc counts]

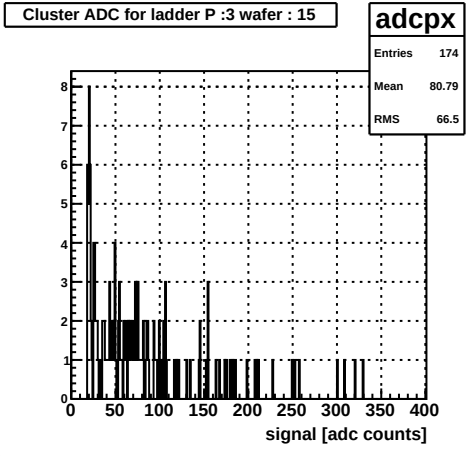

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 1329
Mean 31.65
RMS 28.36
signal [adc counts]

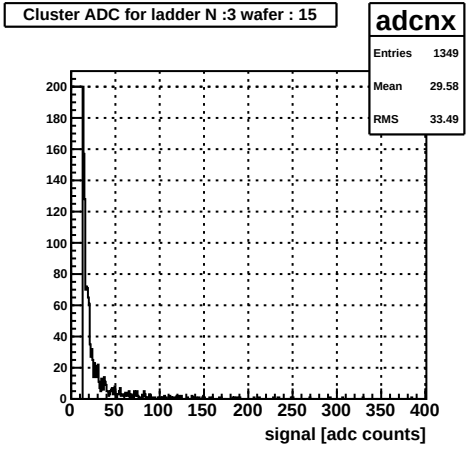

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 1172
Mean 33.2
RMS 37.12
signal [adc counts]

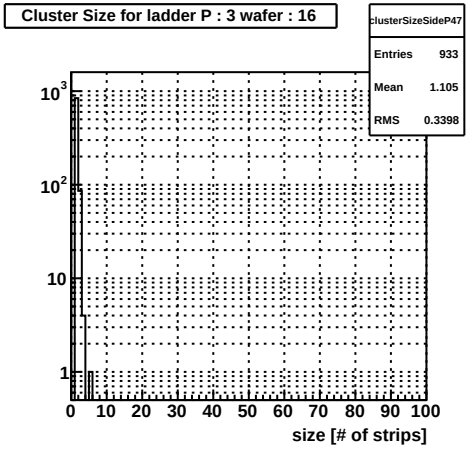

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 174
Mean 1.379
RMS 0.6737
size [# of strips]

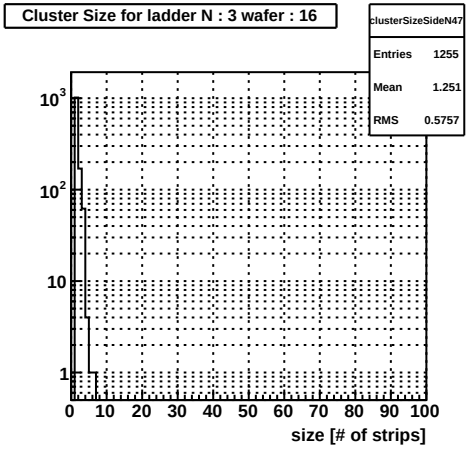

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 1349
Mean 1.286
RMS 0.6918
size [# of strips]

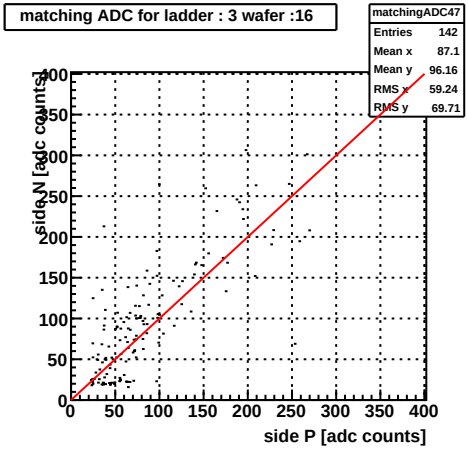

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 94
Mean x 97.64
Mean y 97.07
RMS x 72.76
RMS y 68.88
side N [adc counts]
side P [adc counts]

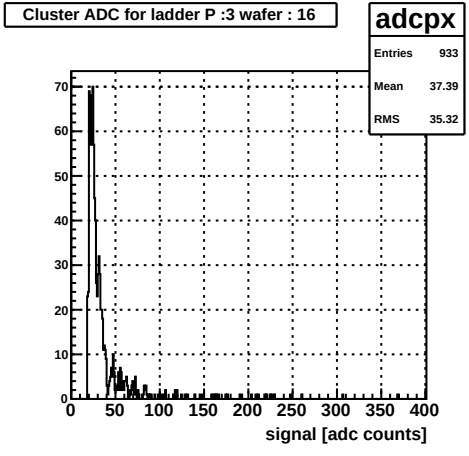

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 174
Mean 80.79
RMS 66.5
signal [adc counts]

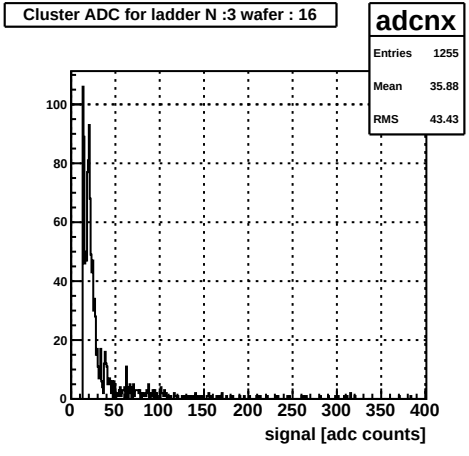

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 1349
Mean 29.58
RMS 33.49
signal [adc counts]

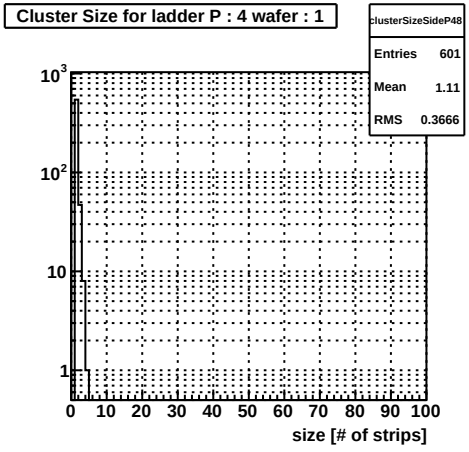

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 933
Mean 1.105
RMS 0.3398
size [# of strips]

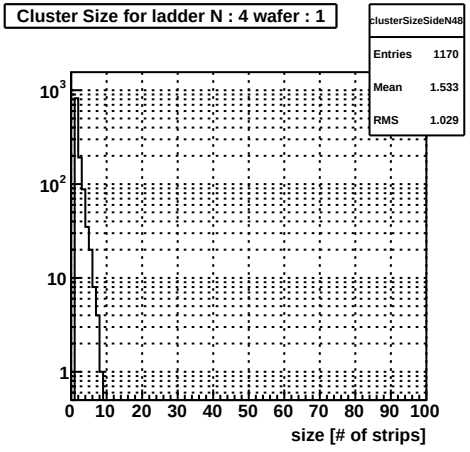

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 1255
Mean 1.251
RMS 0.5757
size [# of strips]

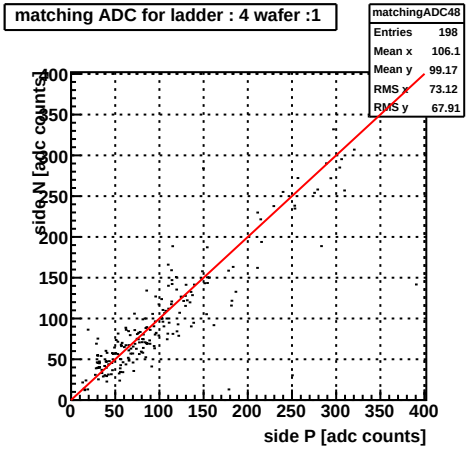

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 142
Mean x 87.1
Mean y 96.16
RMS x 59.24
RMS y 69.71
side N [adc counts]
side P [adc counts]

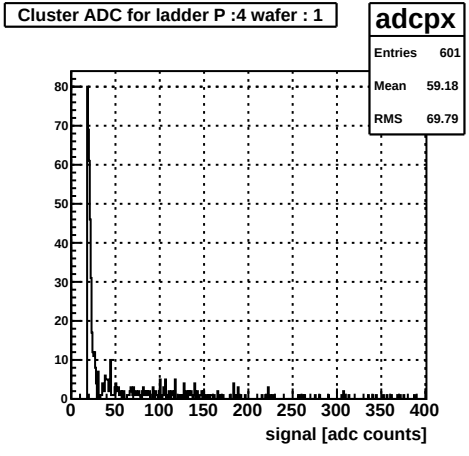

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 933
Mean 37.39
RMS 35.32
signal [adc counts]

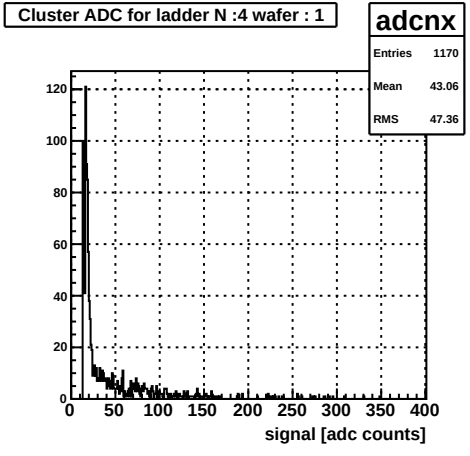

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 1255
Mean 35.88
RMS 43.43
signal [adc counts]

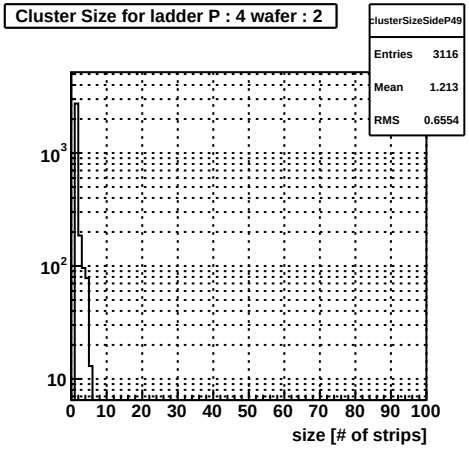

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 601
Mean 1.11
RMS 0.3666
size [# of strips]

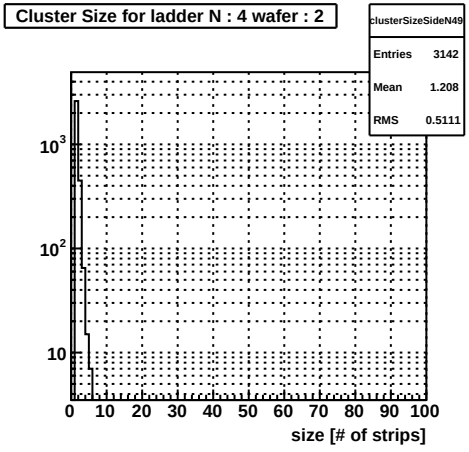

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 1170
Mean 1.533
RMS 1.029
size [# of strips]

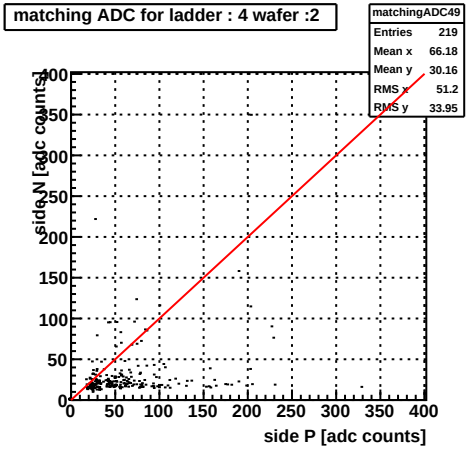

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 198
Mean x 106.1
Mean y 99.17
RMS x 73.12
RMS y 67.91
side N [adc counts]
side P [adc counts]

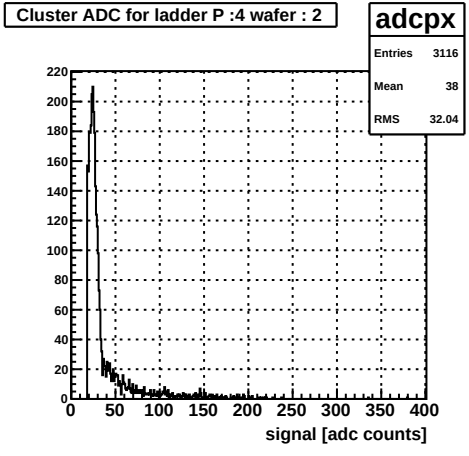

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 601
Mean 59.18
RMS 69.79
signal [adc counts]

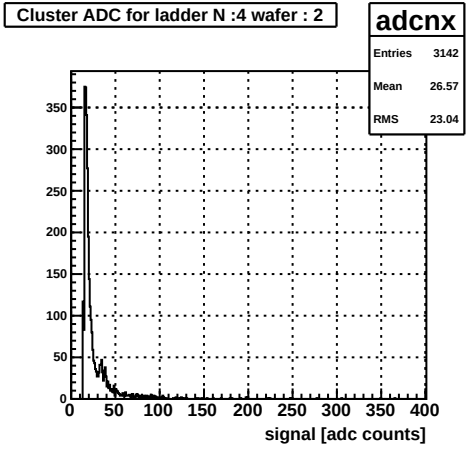

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 1170
Mean 43.06
RMS 47.36
signal [adc counts]

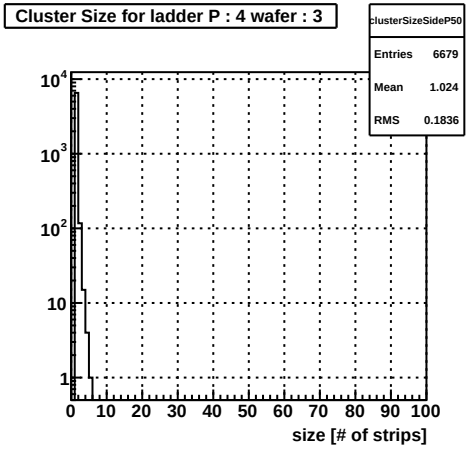

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 3116
Mean 1.213
RMS 0.6554
size [# of strips]

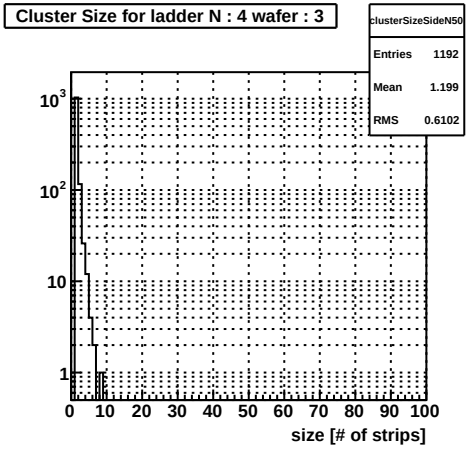

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 3142
Mean 1.208
RMS 0.5111
size [# of strips]

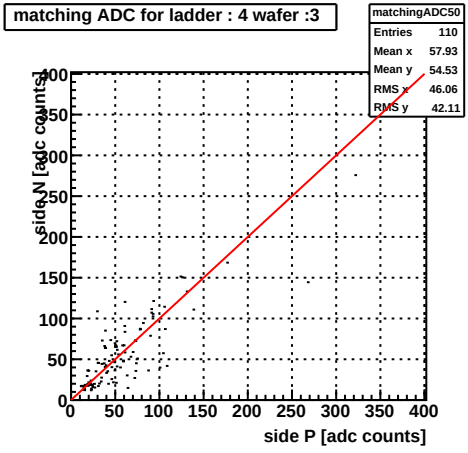

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 219
Mean x 66.18
Mean y 30.16
RMS x 51.2
RMS y 33.95
side N [adc counts]
side P [adc counts]

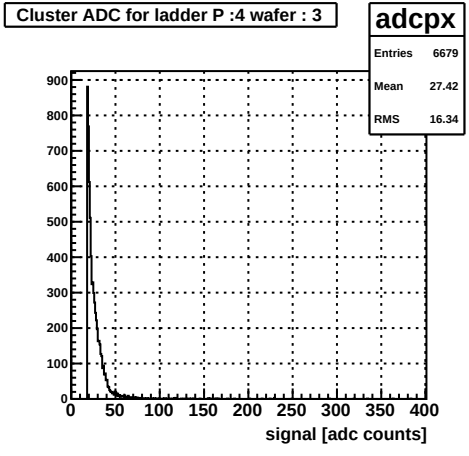

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 3116
Mean 38
RMS 32.04
signal [adc counts]

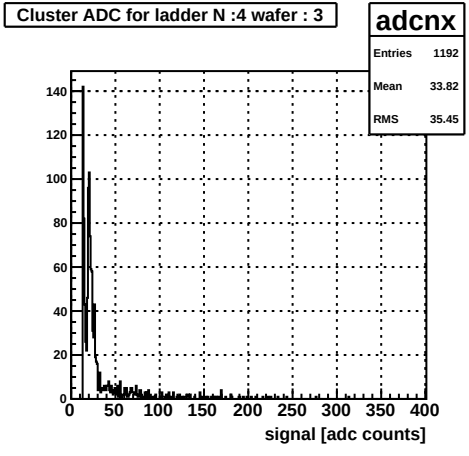

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 3142
Mean 26.57
RMS 23.04
signal [adc counts]

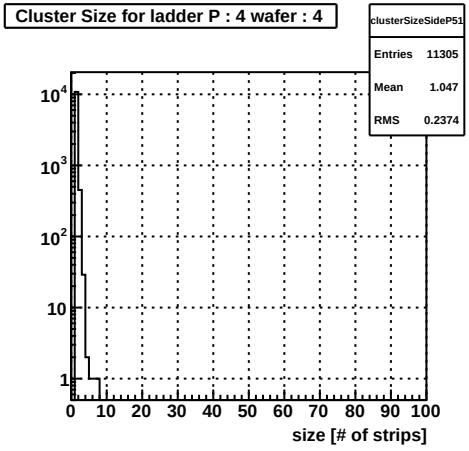

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 6679
Mean 1.024
RMS 0.1836
size [# of strips]

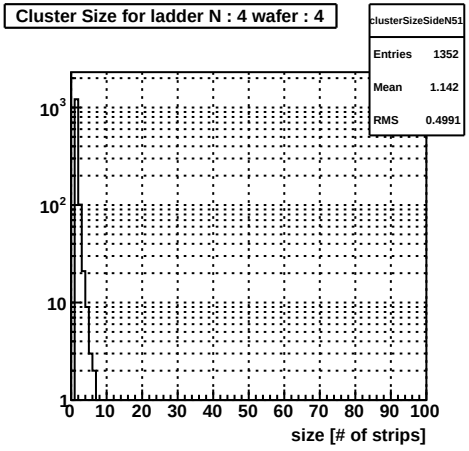

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 1192
Mean 1.199
RMS 0.6102
size [# of strips]

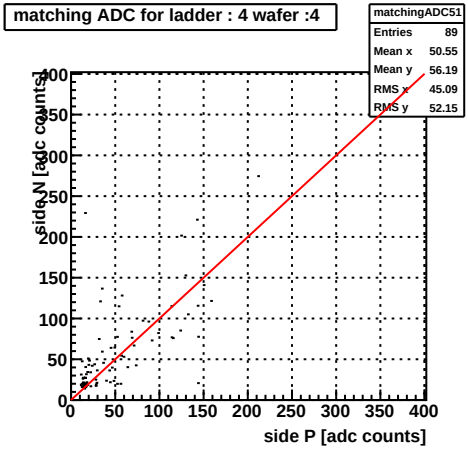

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 110
Mean x 57.93
Mean y 54.53
RMS x 46.06
RMS y 42.11
side N [adc counts]
side P [adc counts]

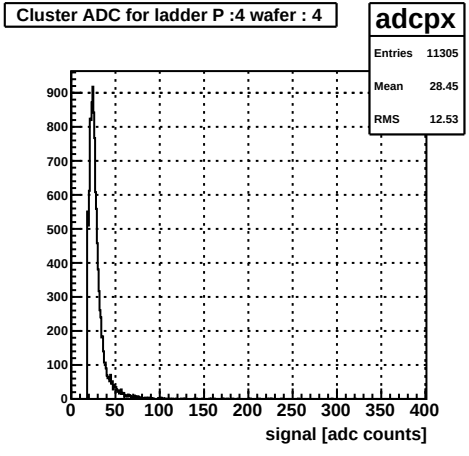

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 6679
Mean 27.42
RMS 16.34
signal [adc counts]

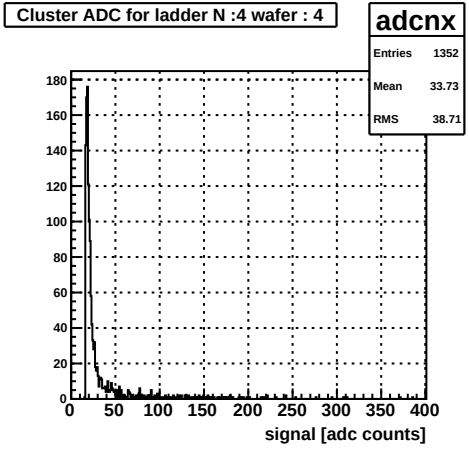

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 1192
Mean 33.82
RMS 35.45
signal [adc counts]

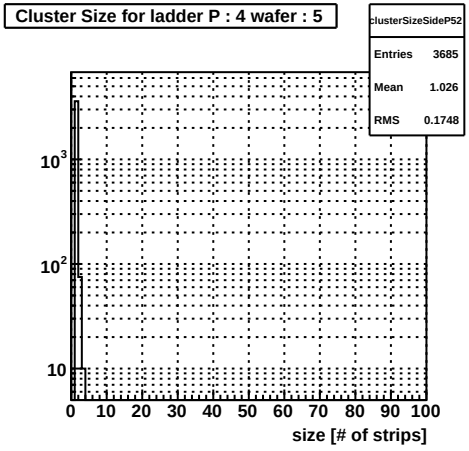

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 11305
Mean 1.047
RMS 0.2374
size [# of strips]

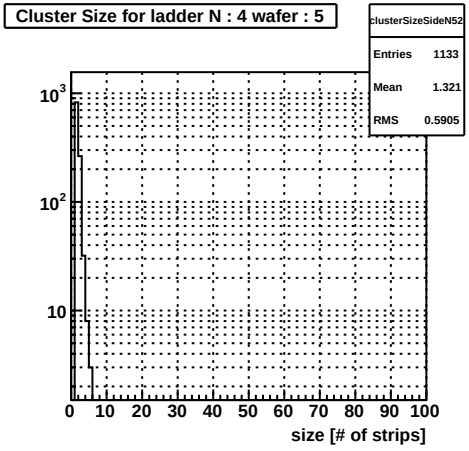

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 1352
Mean 1.142
RMS 0.4991
size [# of strips]

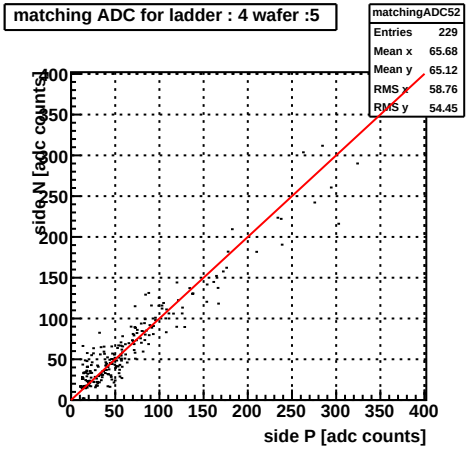

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 89
Mean x 50.55
Mean y 56.19
RMS x 45.09
RMS y 52.15
side N [adc counts]
side P [adc counts]

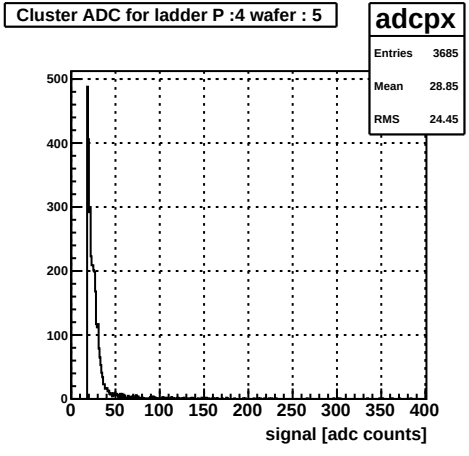

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 11305
Mean 28.45
RMS 12.53
signal [adc counts]

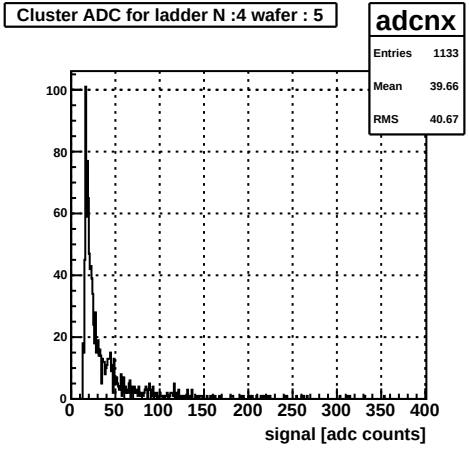

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 1352
Mean 33.73
RMS 38.71
signal [adc counts]

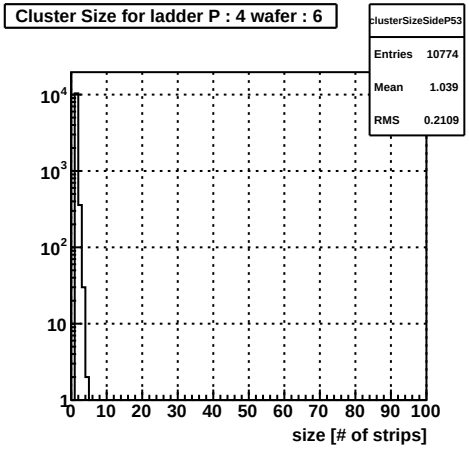

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 3685
Mean 1.026
RMS 0.1748
size [# of strips]

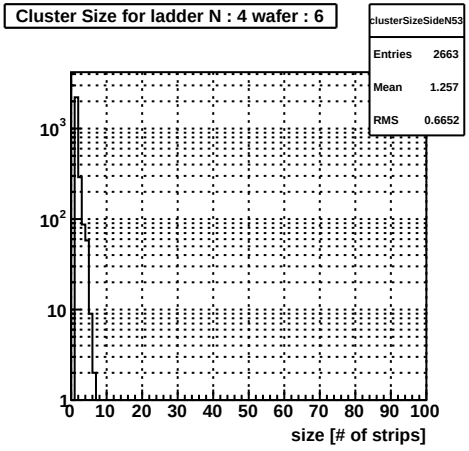

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 1133
Mean 1.321
RMS 0.5905
size [# of strips]

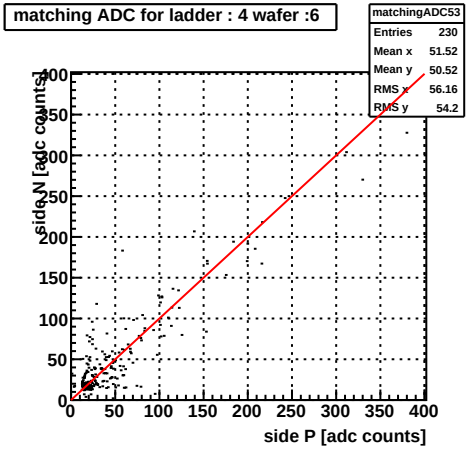

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 229
Mean x 65.68
Mean y 65.12
RMS x 58.76
RMS y 54.45
side N [adc counts]
side P [adc counts]

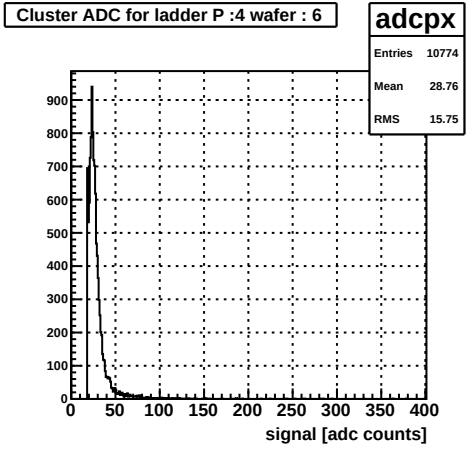

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 3685
Mean 28.85
RMS 24.45
signal [adc counts]

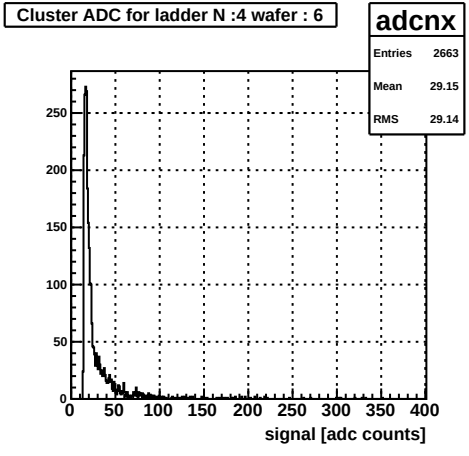

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 1133
Mean 39.66
RMS 40.67
signal [adc counts]

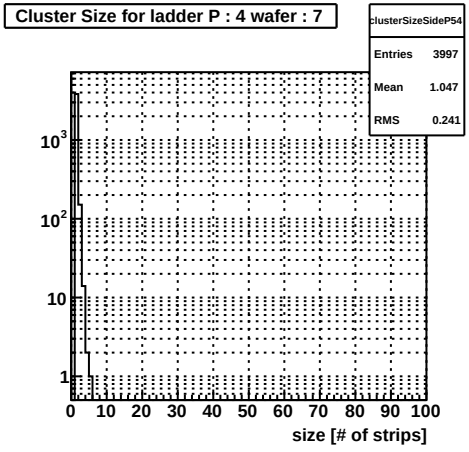

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 10774
Mean 1.039
RMS 0.2109
size [# of strips]

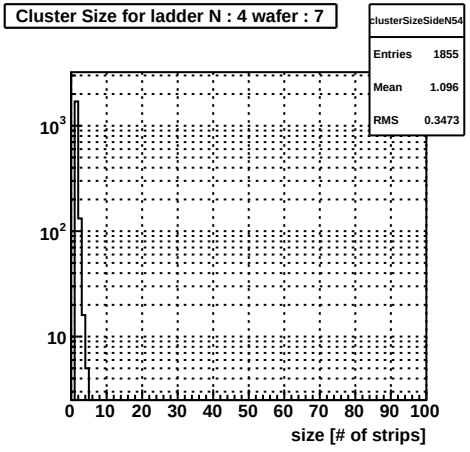

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 2663
Mean 1.257
RMS 0.6652
size [# of strips]

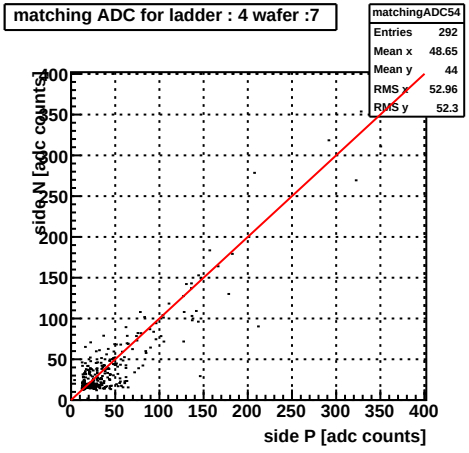

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 230
Mean x 51.52
Mean y 50.52
RMS x 56.16
RMS y 54.2
side N [adc counts]
side P [adc counts]

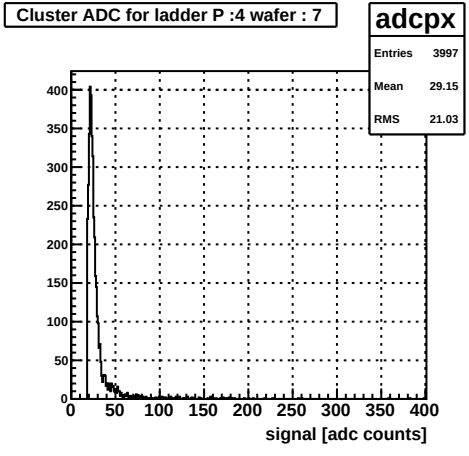

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 10774
Mean 28.76
RMS 15.75
signal [adc counts]

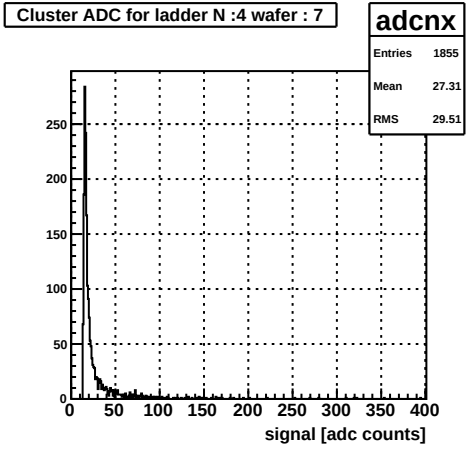

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 2663
Mean 29.15
RMS 29.14
signal [adc counts]

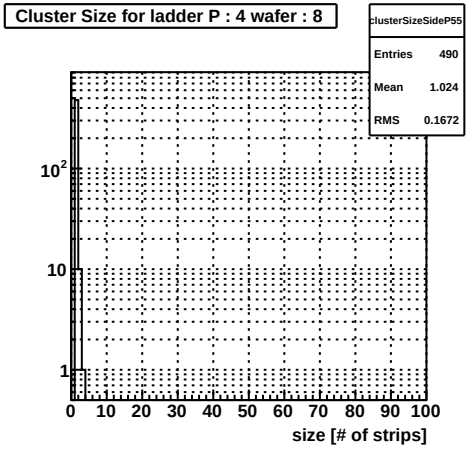

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 3997
Mean 1.047
RMS 0.241
size [# of strips]

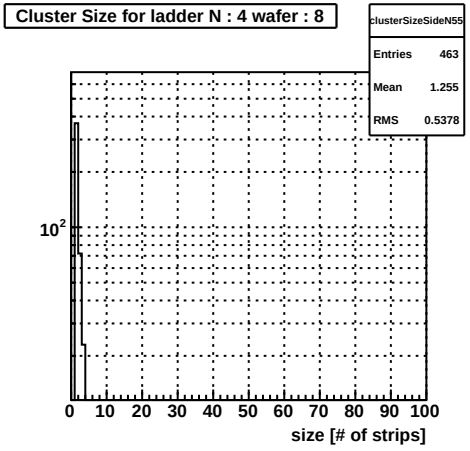

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 1855
Mean 1.096
RMS 0.3473
size [# of strips]

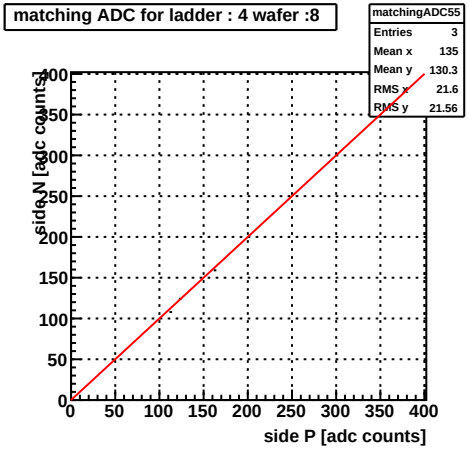

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 292
Mean x 48.65
Mean y 44
RMS x 52.96
RMS y 52.3
side N [adc counts]
side P [adc counts]

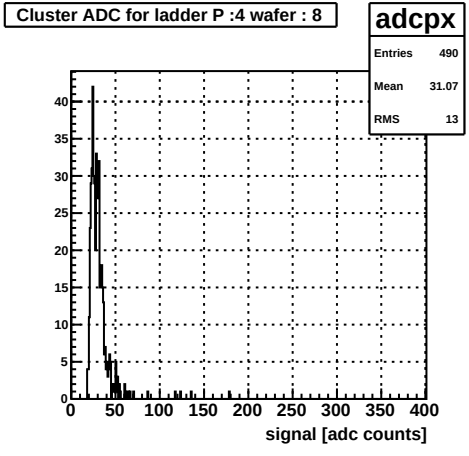

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 3997
Mean 29.15
RMS 21.03
signal [adc counts]

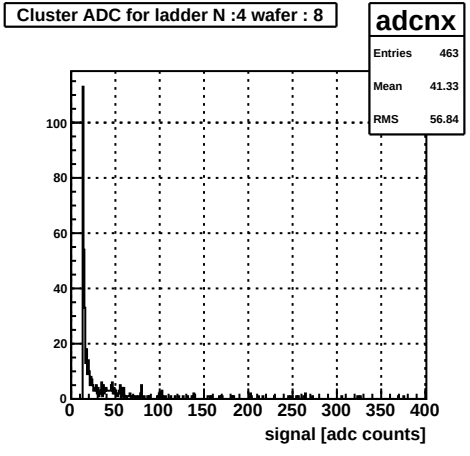

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 1855
Mean 27.31
RMS 29.51
signal [adc counts]

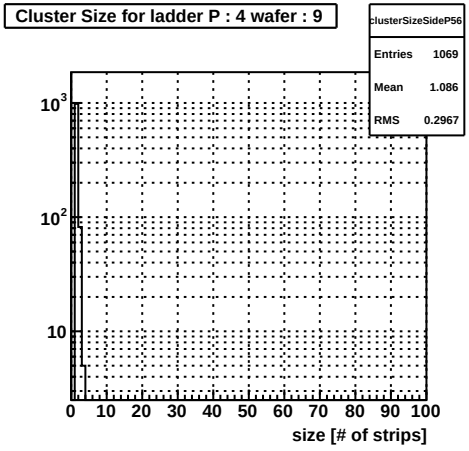

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 490
Mean 1.024
RMS 0.1672
size [# of strips]

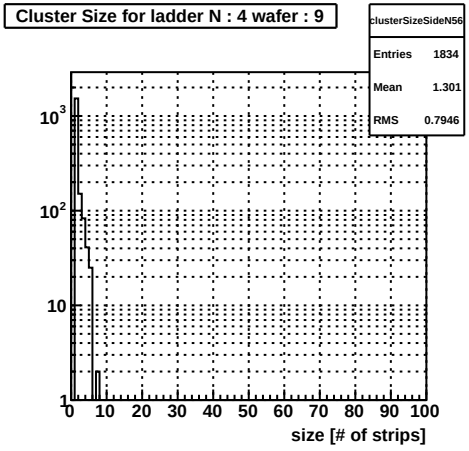

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 463
Mean 1.255
RMS 0.5378
size [# of strips]

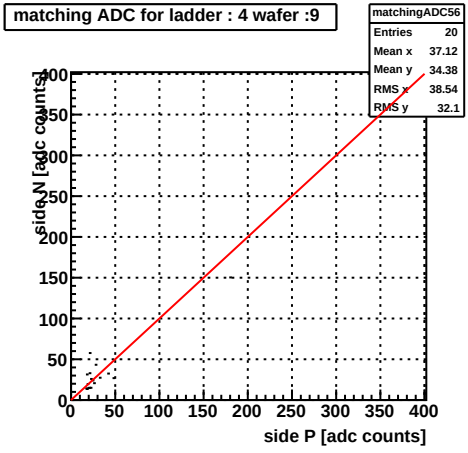

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 3
Mean x 135
Mean y 130.3
RMS x 21.6
RMS y 21.56
side N [adc counts]
side P [adc counts]

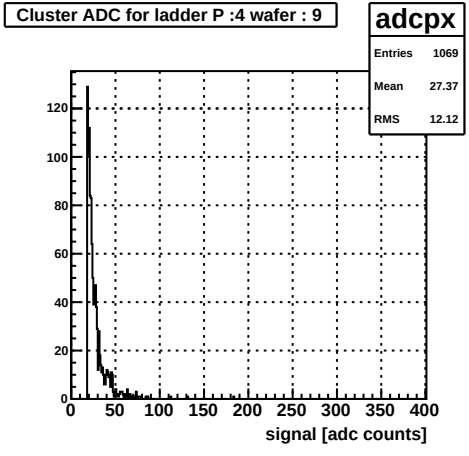

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 490
Mean 31.07
RMS 13
signal [adc counts]

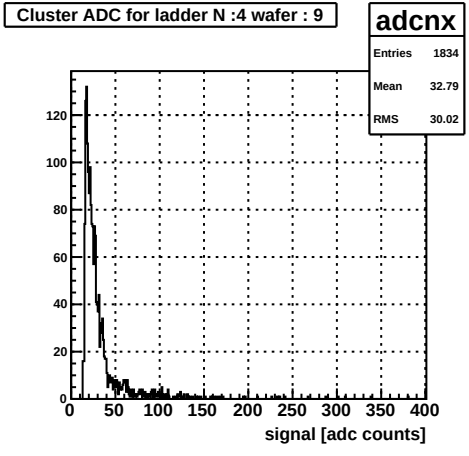

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 463
Mean 41.33
RMS 56.84
signal [adc counts]

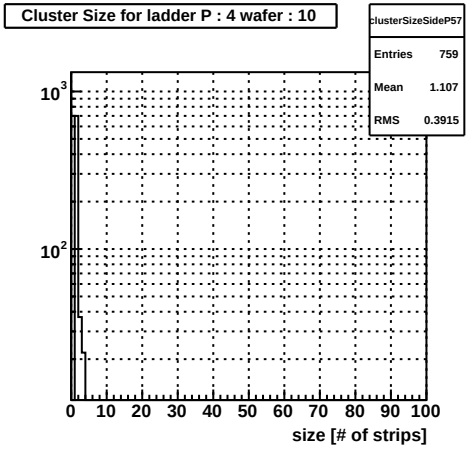

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1069
Mean 1.086
RMS 0.2967
size [# of strips]

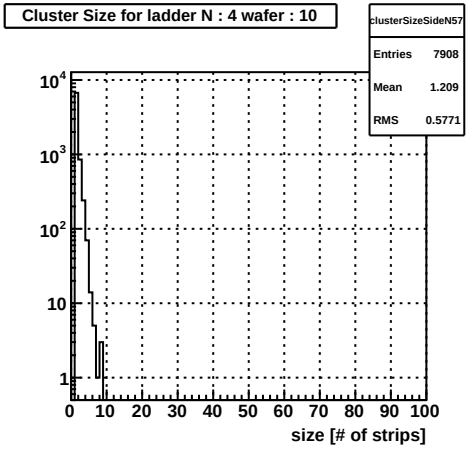

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 1834
Mean 1.301
RMS 0.7946
size [# of strips]

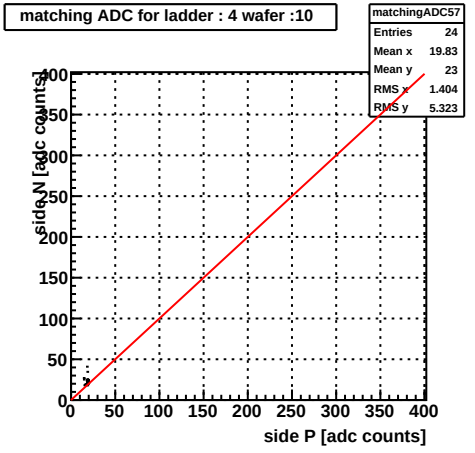

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 20
Mean x 37.12
Mean y 34.38
RMS x 38.54
RMS y 32.1
side N [adc counts]
side P [adc counts]

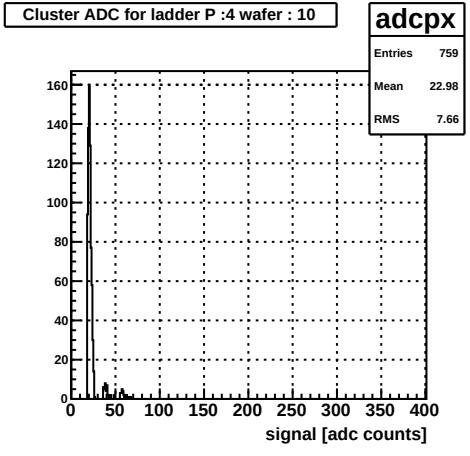

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1069
Mean 27.37
RMS 12.12
signal [adc counts]

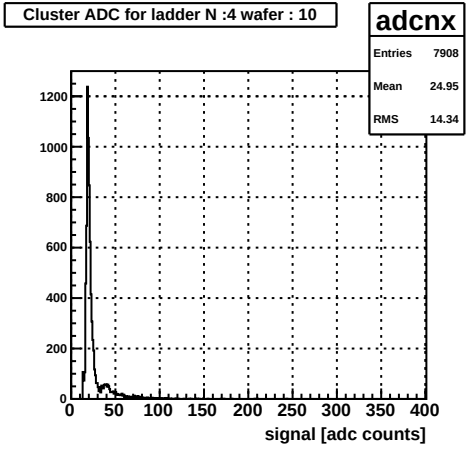

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 1834
Mean 32.79
RMS 30.02
signal [adc counts]

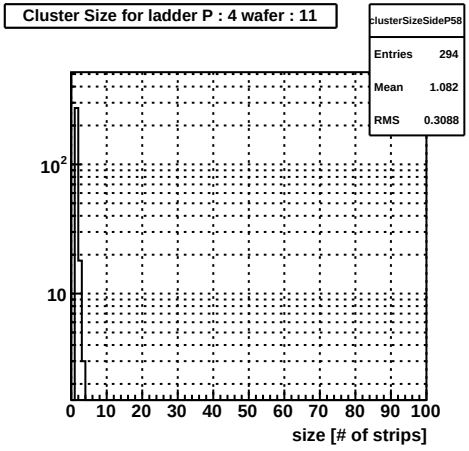

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 759
Mean 1.107
RMS 0.3915
size [# of strips]

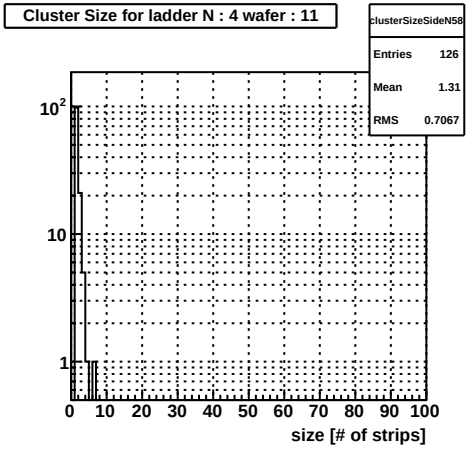

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 7908
Mean 1.209
RMS 0.5771
size [# of strips]

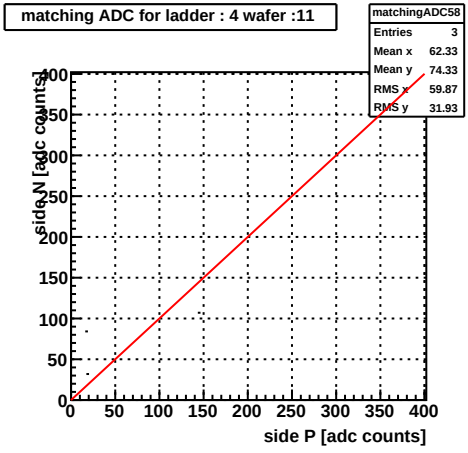

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 24
Mean x 19.83
Mean y 23
RMS x 1.404
RMS y 5.323
side N [adc counts]
side P [adc counts]

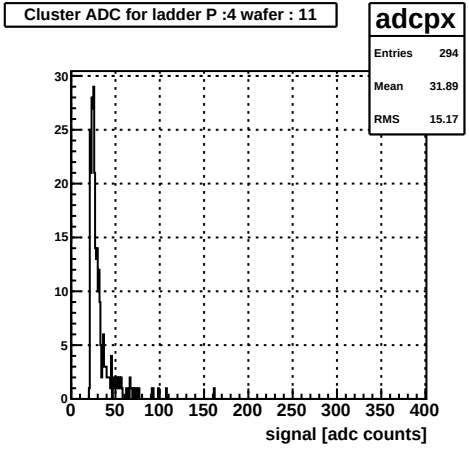

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 759
Mean 22.98
RMS 7.66
signal [adc counts]

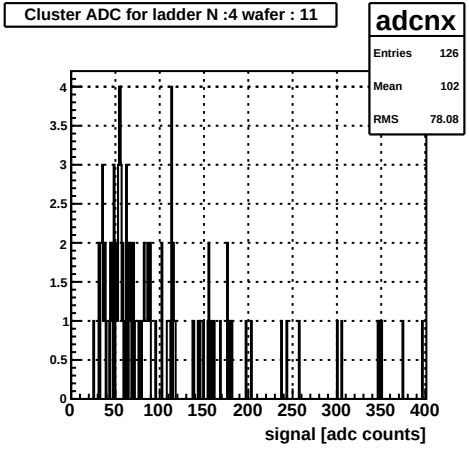

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 7908
Mean 24.95
RMS 14.34
signal [adc counts]

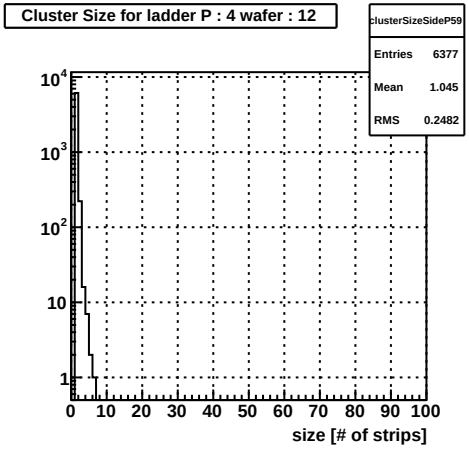

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 294
Mean 1.082
RMS 0.3088
size [# of strips]

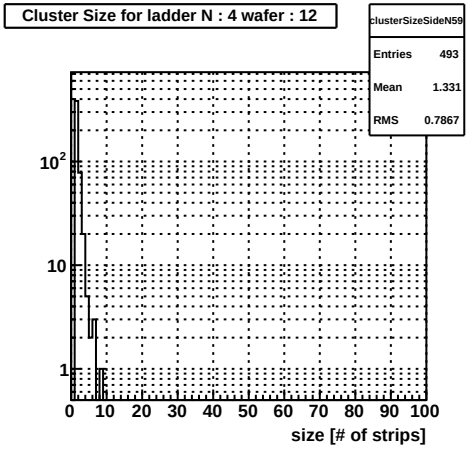

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 126
Mean 1.31
RMS 0.7067
size [# of strips]

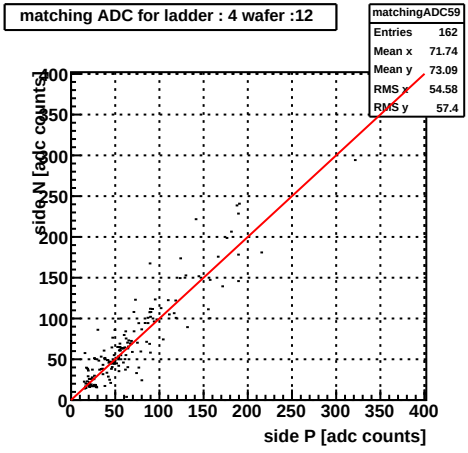

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 3
Mean x 62.33
Mean y 74.33
RMS x 59.87
RMS y 31.93
side N [adc counts]
side P [adc counts]

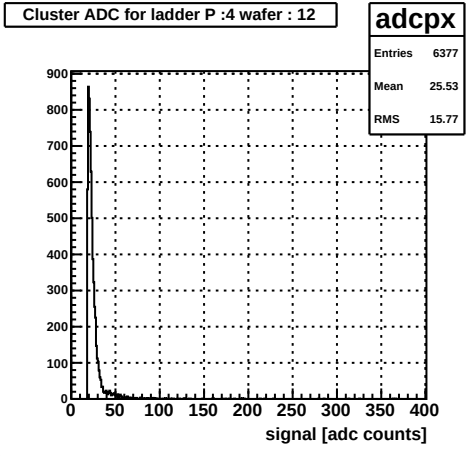

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 294
Mean 31.89
RMS 15.17
signal [adc counts]

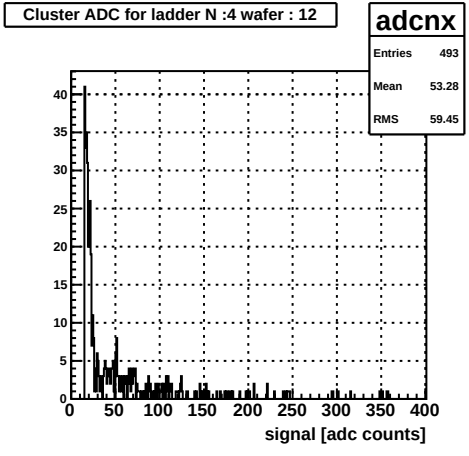

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 126
Mean 102
RMS 78.08
signal [adc counts]

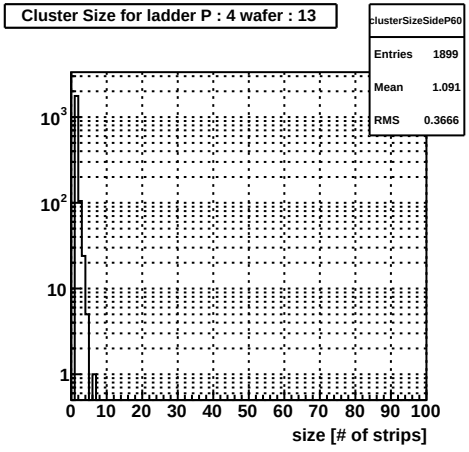

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 6377
Mean 1.045
RMS 0.2482
size [# of strips]

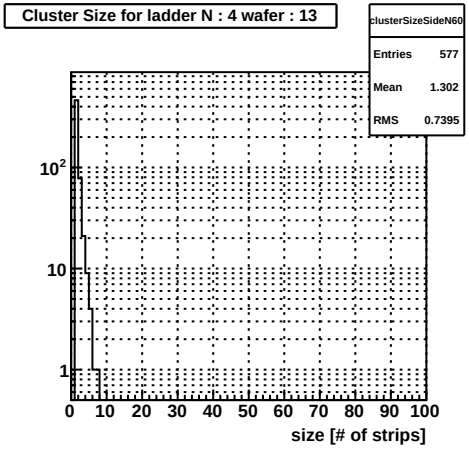

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 493
Mean 1.331
RMS 0.7867
size [# of strips]

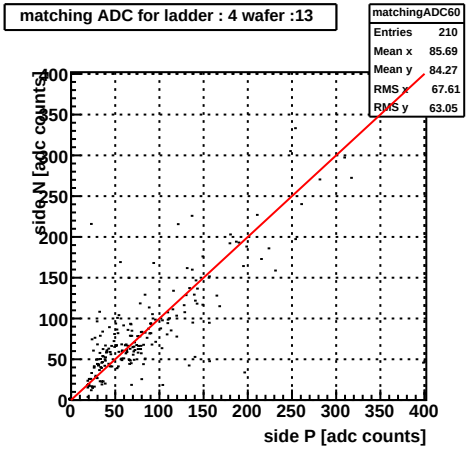

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 162
Mean x 71.74
Mean y 73.09
RMS x 54.58
RMS y 57.4
side N [adc counts]
side P [adc counts]

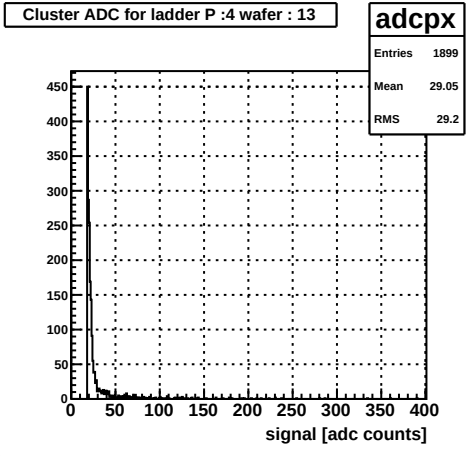

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 6377
Mean 25.53
RMS 15.77
signal [adc counts]

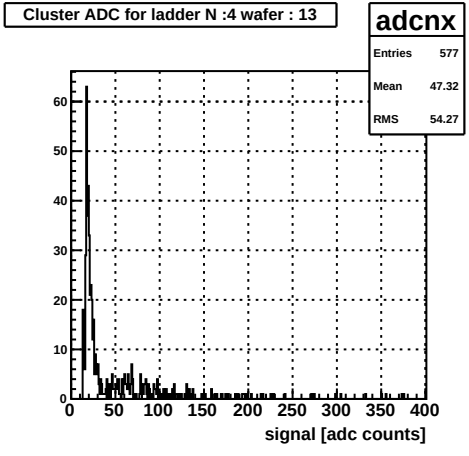

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 493
Mean 53.28
RMS 59.45
signal [adc counts]

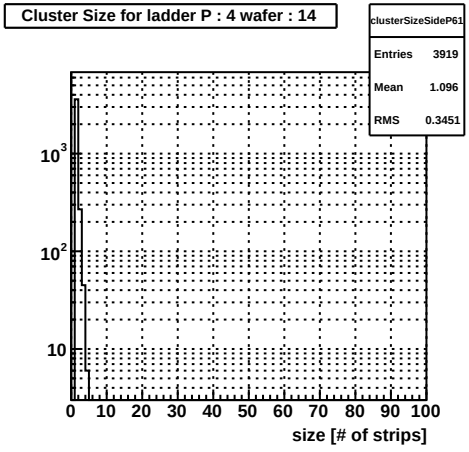

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 1899
Mean 1.091
RMS 0.3666
size [# of strips]

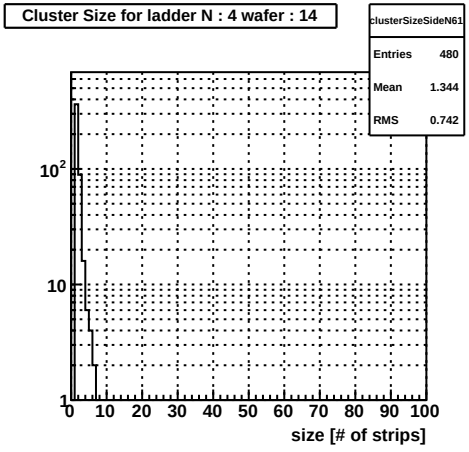

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 577
Mean 1.302
RMS 0.7395
size [# of strips]

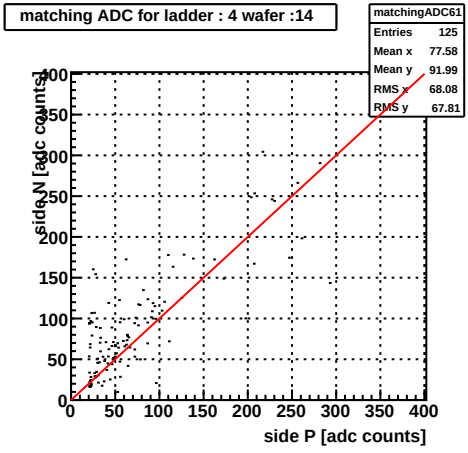

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 210
Mean x 85.69
Mean y 84.27
RMS x 67.61
RMS y 63.05
side N [adc counts]
side P [adc counts]

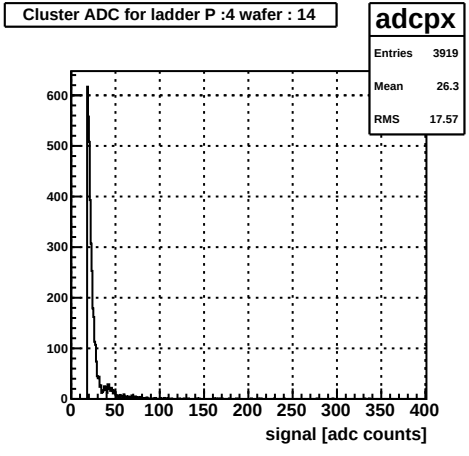

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 1899
Mean 29.05
RMS 29.2
signal [adc counts]

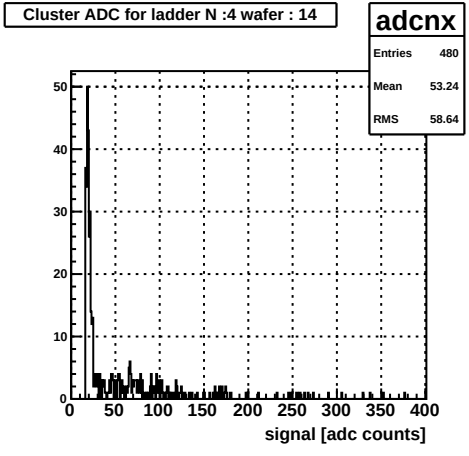

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 577
Mean 47.32
RMS 54.27
signal [adc counts]

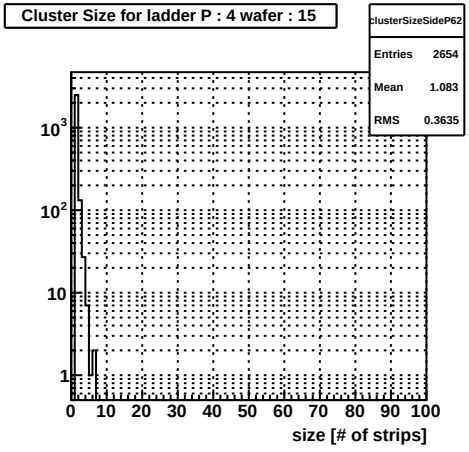

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 3919
Mean 1.096
RMS 0.3451
size [# of strips]

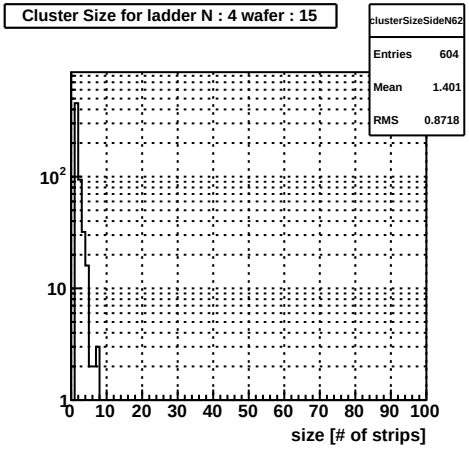

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 480
Mean 1.344
RMS 0.742
size [# of strips]

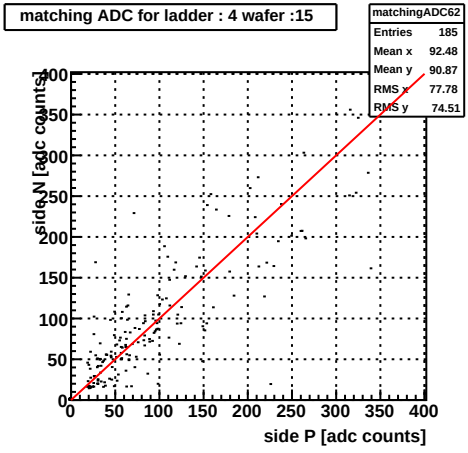

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 125
Mean x 77.58
Mean y 91.99
RMS x 68.08
RMS y 67.81
side N [adc counts]
side P [adc counts]

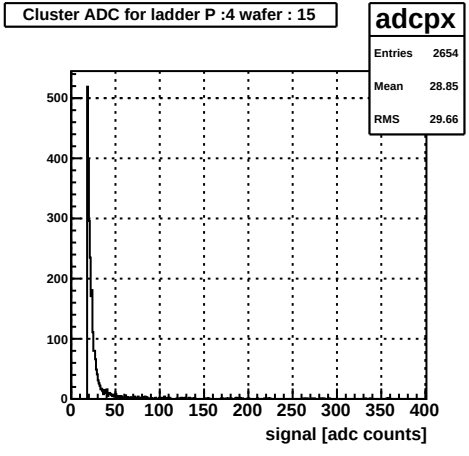

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 3919
Mean 26.3
RMS 17.57
signal [adc counts]

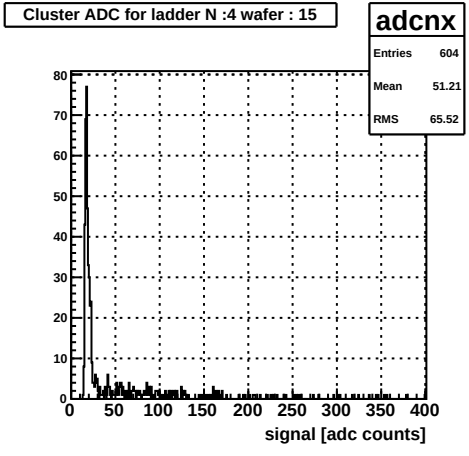

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 480
Mean 53.24
RMS 58.64
signal [adc counts]

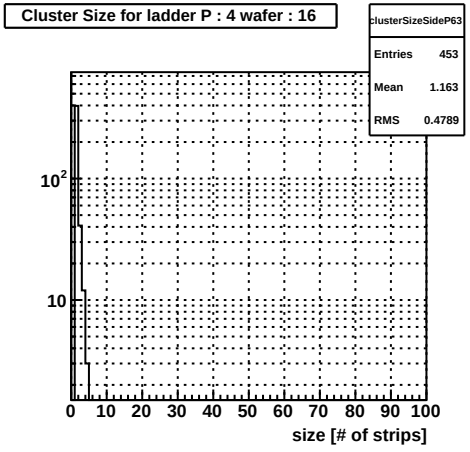

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 2654
Mean 1.083
RMS 0.3635
size [# of strips]

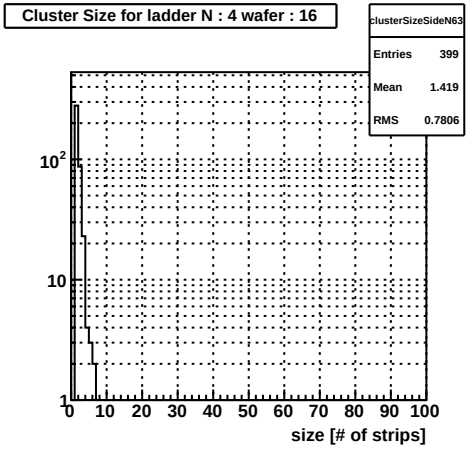

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 604
Mean 1.401
RMS 0.8718
size [# of strips]

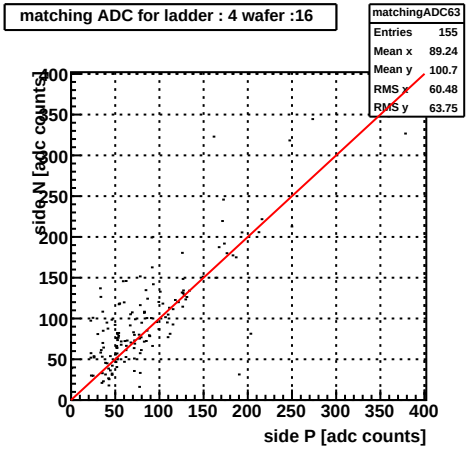

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 185
Mean x 92.48
Mean y 90.87
RMS x 77.78
RMS y 74.51
side N [adc counts]
side P [adc counts]

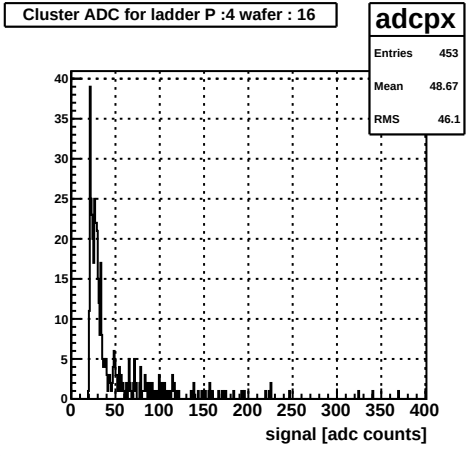

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 2654
Mean 28.85
RMS 29.66
signal [adc counts]

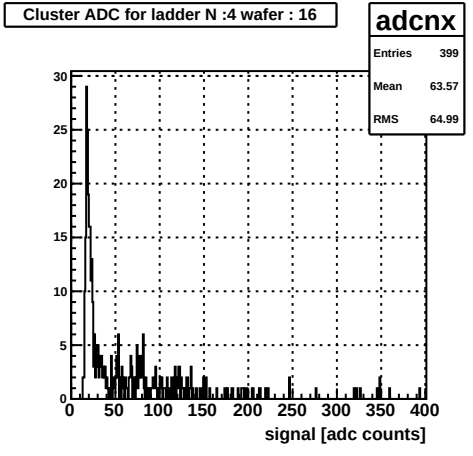

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 604
Mean 51.21
RMS 65.52
signal [adc counts]

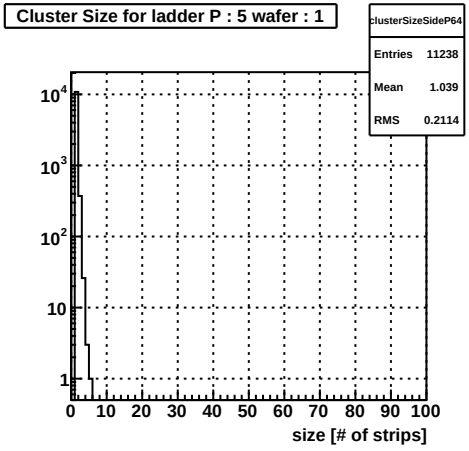

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 453
Mean 1.163
RMS 0.4789
size [# of strips]

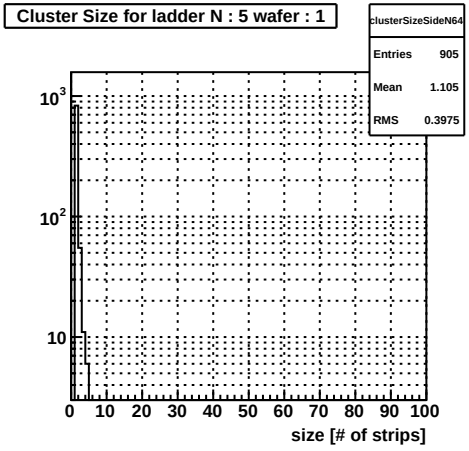

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 399
Mean 1.419
RMS 0.7806
size [# of strips]

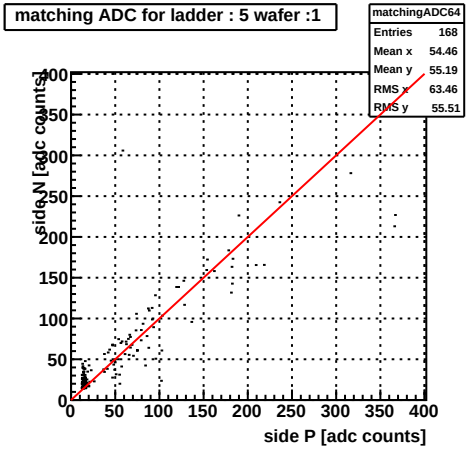

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 155
Mean x 89.24
Mean y 100.7
RMS x 60.48
RMS y 63.75
side N [adc counts]
side P [adc counts]

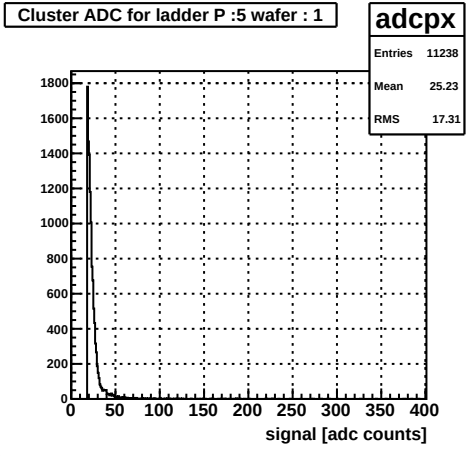

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 453
Mean 48.67
RMS 46.1
signal [adc counts]

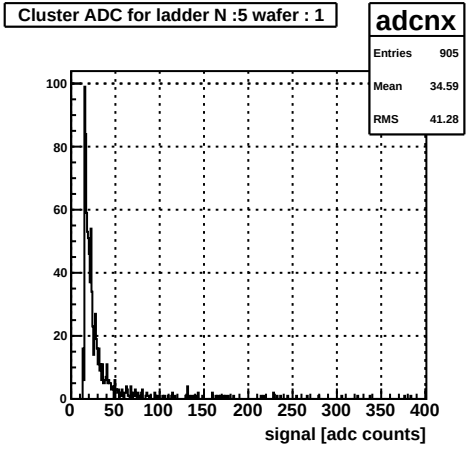

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 399
Mean 63.57
RMS 64.99
signal [adc counts]

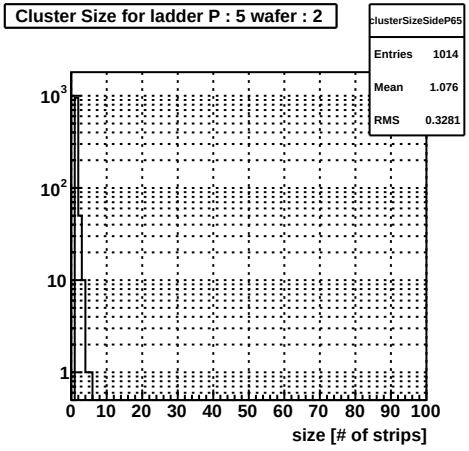

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 11238
Mean 1.039
RMS 0.2114
size [# of strips]

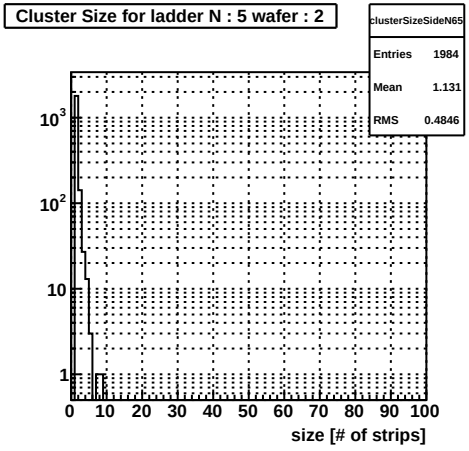

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 905
Mean 1.105
RMS 0.3975
size [# of strips]

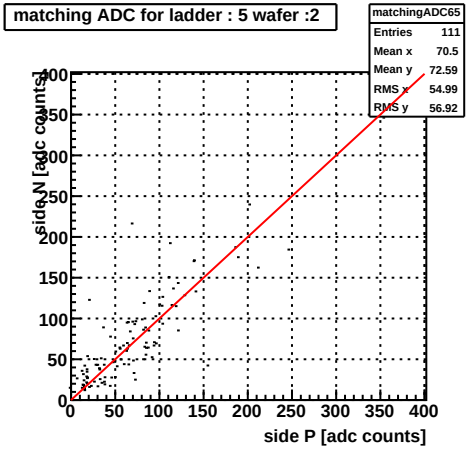

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 168
Mean x 54.46
Mean y 55.19
RMS x 63.46
RMS y 55.51
side N [adc counts]
side P [adc counts]

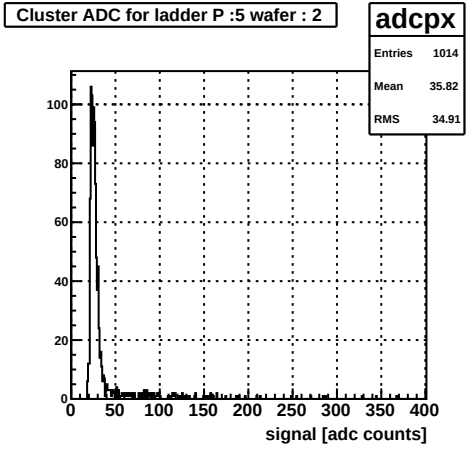

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 11238
Mean 25.23
RMS 17.31
signal [adc counts]

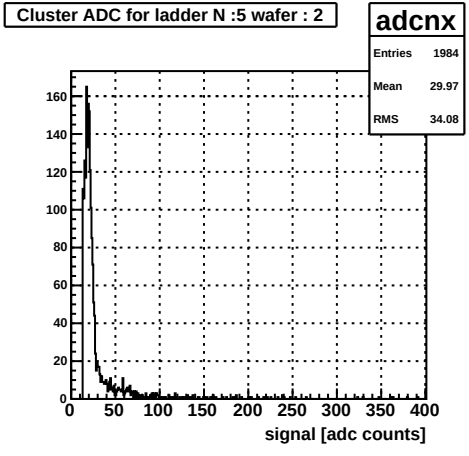

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 905
Mean 34.59
RMS 41.28
signal [adc counts]

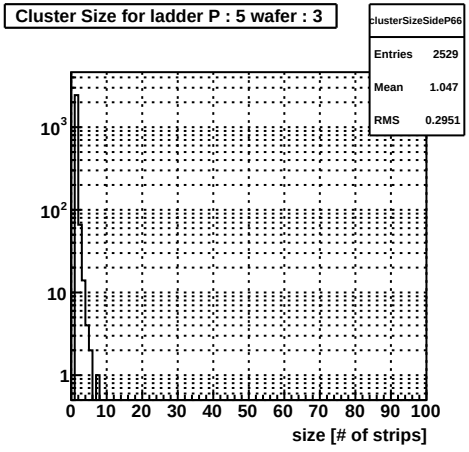

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 1014
Mean 1.076
RMS 0.3281
size [# of strips]

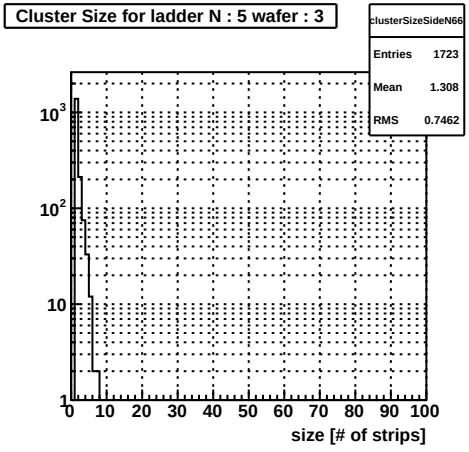

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 1984
Mean 1.131
RMS 0.4846
size [# of strips]

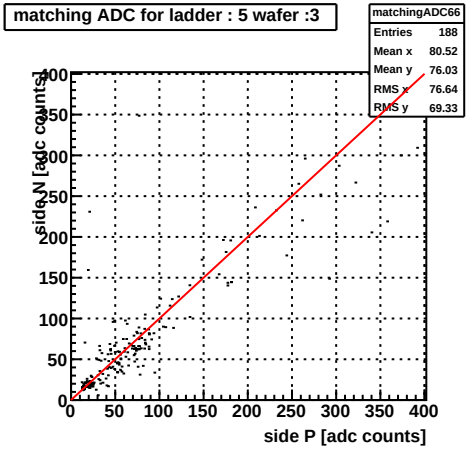

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 111
Mean x 70.5
Mean y 72.59
RMS x 54.99
RMS y 56.92
side N [adc counts]
side P [adc counts]

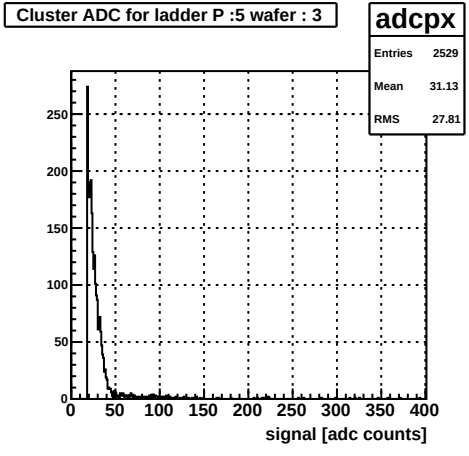

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 1014
Mean 35.82
RMS 34.91
signal [adc counts]

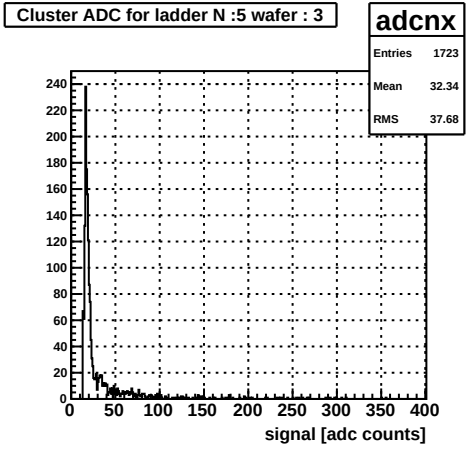

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 1984
Mean 29.97
RMS 34.08
signal [adc counts]

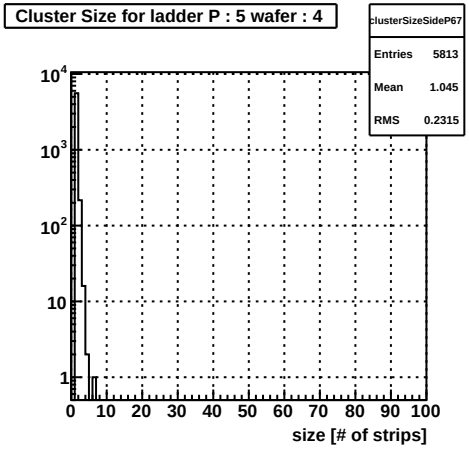

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 2529
Mean 1.047
RMS 0.2951
size [# of strips]

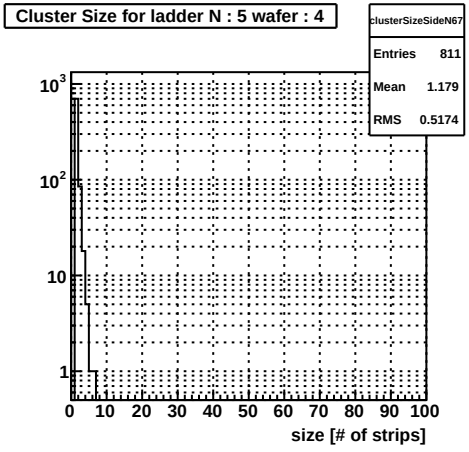

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 1723
Mean 1.308
RMS 0.7462
size [# of strips]

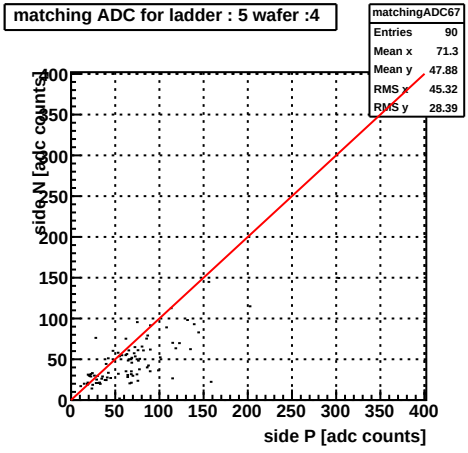

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 188
Mean x 80.52
Mean y 76.03
RMS x 76.64
RMS y 69.33
side N [adc counts]
side P [adc counts]

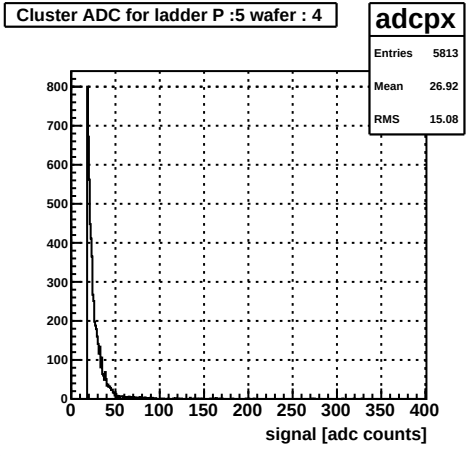

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 2529
Mean 31.13
RMS 27.81
signal [adc counts]

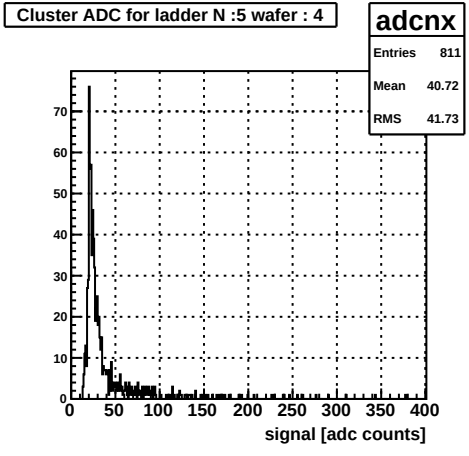

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 1723
Mean 32.34
RMS 37.68
signal [adc counts]

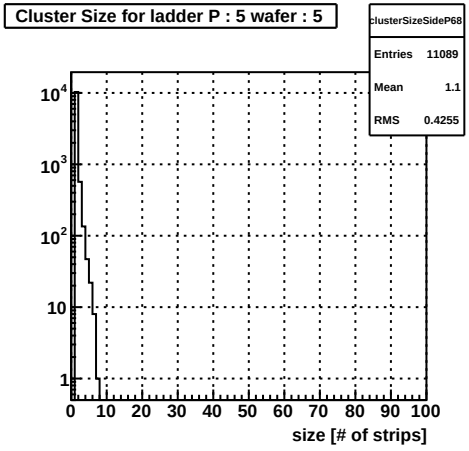

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 5813
Mean 1.045
RMS 0.2315
size [# of strips]

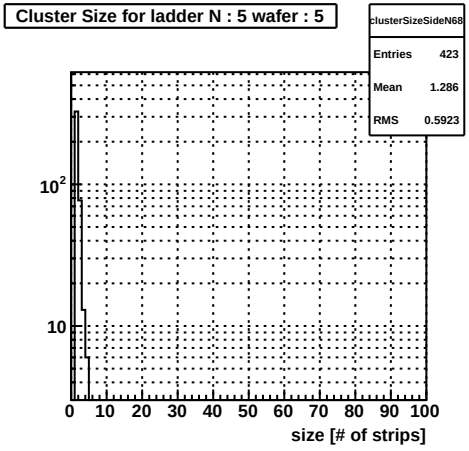

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 811
Mean 1.179
RMS 0.5174
size [# of strips]

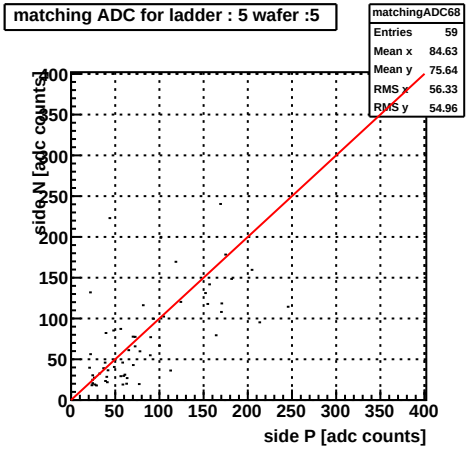

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 90
Mean x 71.3
Mean y 47.88
RMS x 45.32
RMS y 28.39
side N [adc counts]
side P [adc counts]

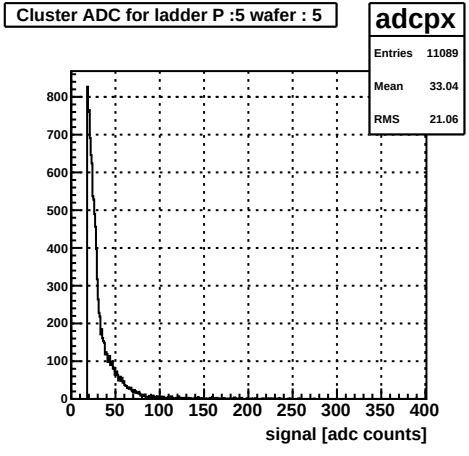

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 5813
Mean 26.92
RMS 15.08
signal [adc counts]

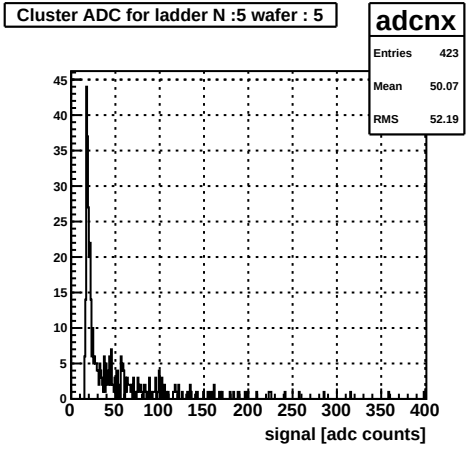

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 811
Mean 40.72
RMS 41.73
signal [adc counts]

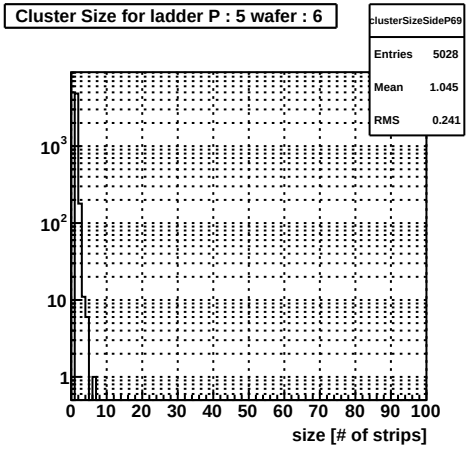

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 11089
Mean 1.1
RMS 0.4255
size [# of strips]

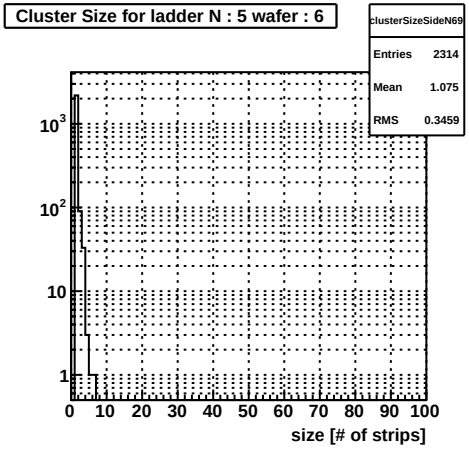

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 423
Mean 1.286
RMS 0.5923
size [# of strips]

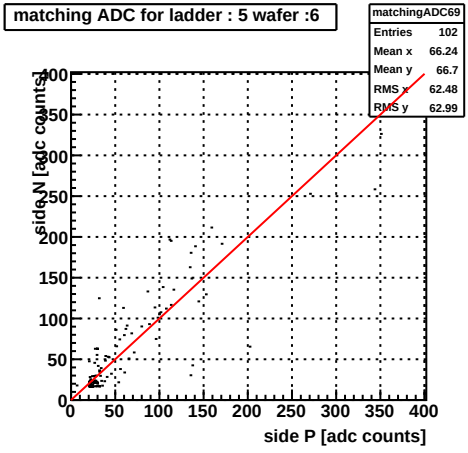

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 59
Mean x 84.63
Mean y 75.64
RMS x 56.33
RMS y 54.96
side N [adc counts]
side P [adc counts]

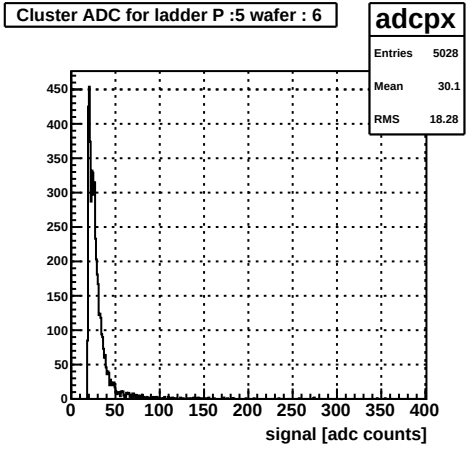

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 11089
Mean 33.04
RMS 21.06
signal [adc counts]

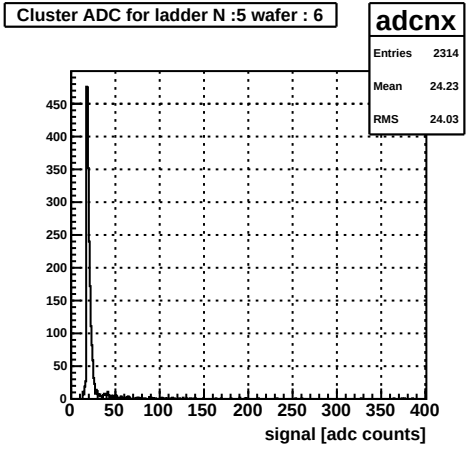

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 423
Mean 50.07
RMS 52.19
signal [adc counts]

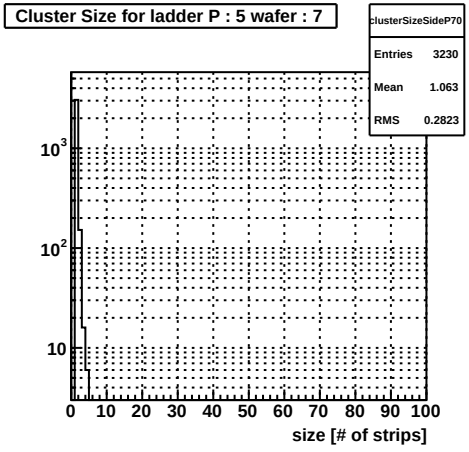

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 5028
Mean 1.045
RMS 0.241
size [# of strips]

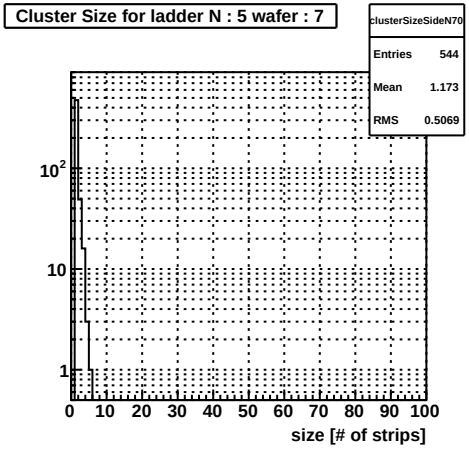

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 2314
Mean 1.075
RMS 0.3459
size [# of strips]

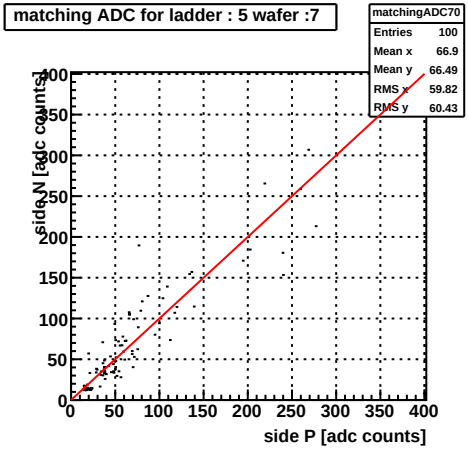

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 102
Mean x 66.24
Mean y 66.7
RMS x 62.48
RMS y 62.99
side N [adc counts]
side P [adc counts]

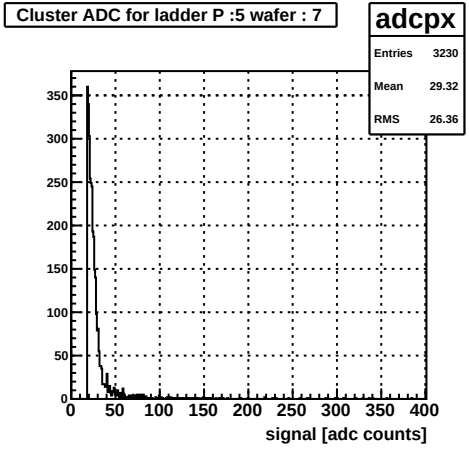

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 5028
Mean 30.1
RMS 18.28
signal [adc counts]

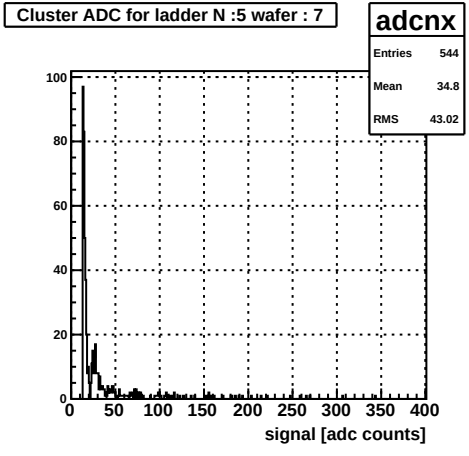

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 2314
Mean 24.23
RMS 24.03
signal [adc counts]

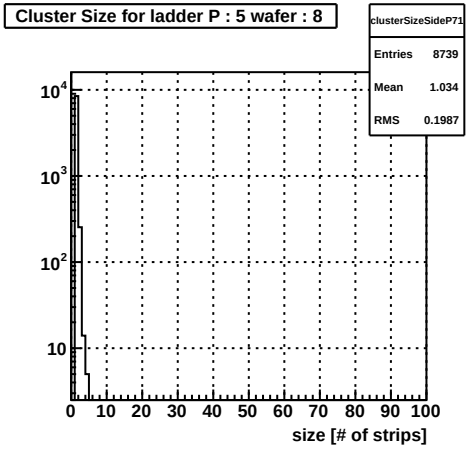

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 3230
Mean 1.063
RMS 0.2823
size [# of strips]

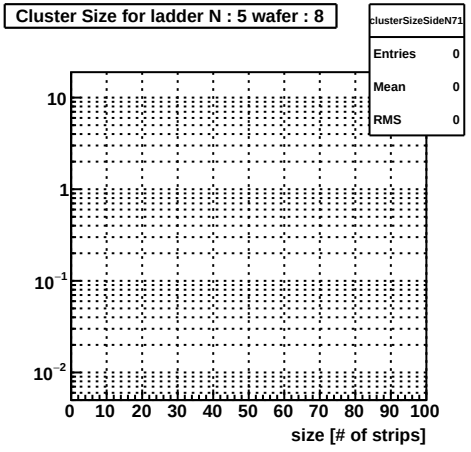

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 544
Mean 1.173
RMS 0.5069
size [# of strips]

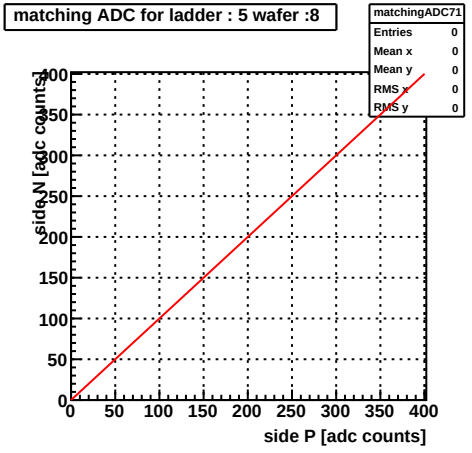

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 100
Mean x 66.9
Mean y 66.49
RMS x 59.82
RMS y 60.43
side N [adc counts]
side P [adc counts]

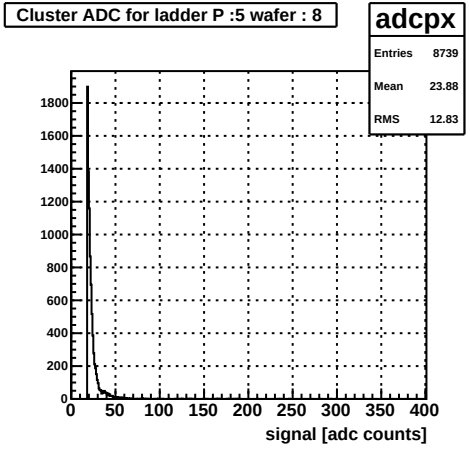

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 3230
Mean 29.32
RMS 26.36
signal [adc counts]

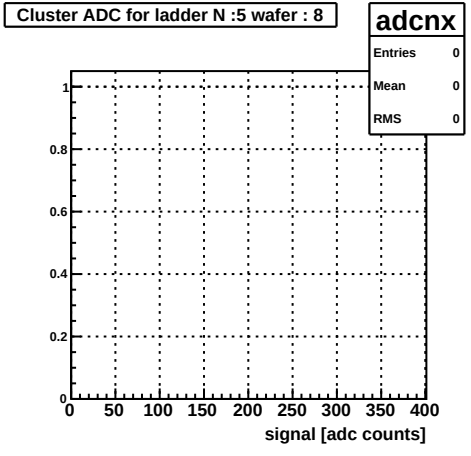

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 544
Mean 34.8
RMS 43.02
signal [adc counts]

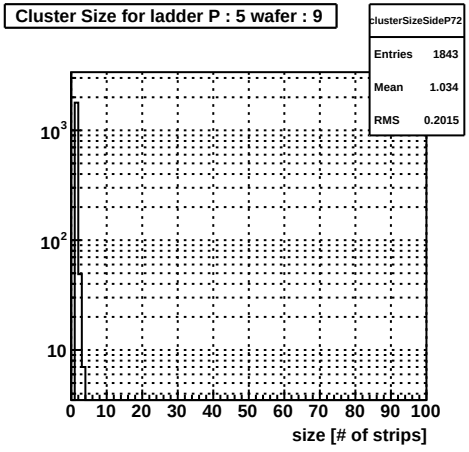

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 8739
Mean 1.034
RMS 0.1987
size [# of strips]

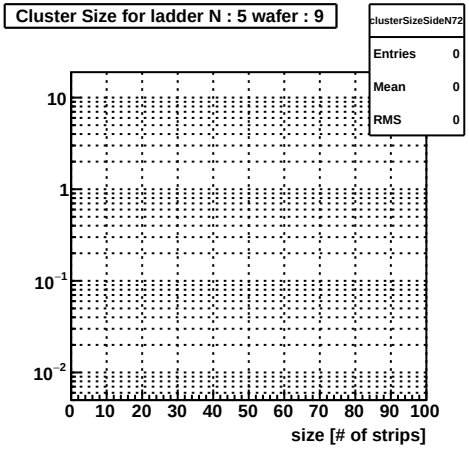

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

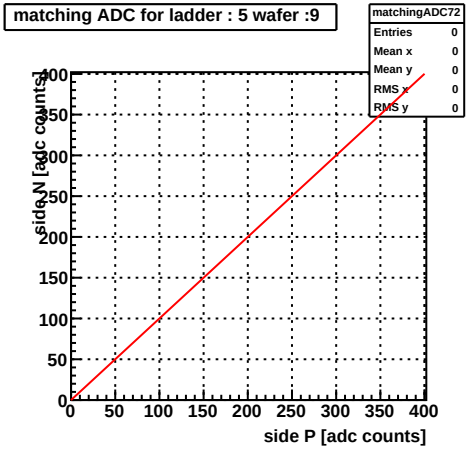

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

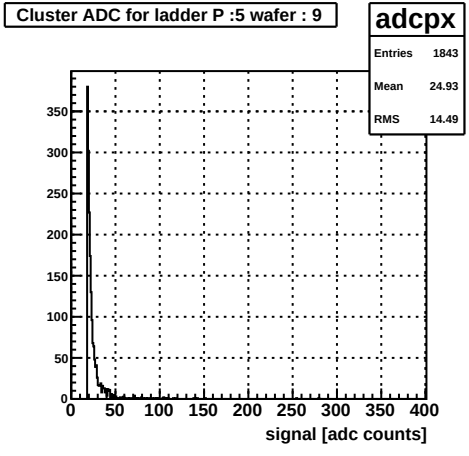

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 8739
Mean 23.88
RMS 12.83
signal [adc counts]

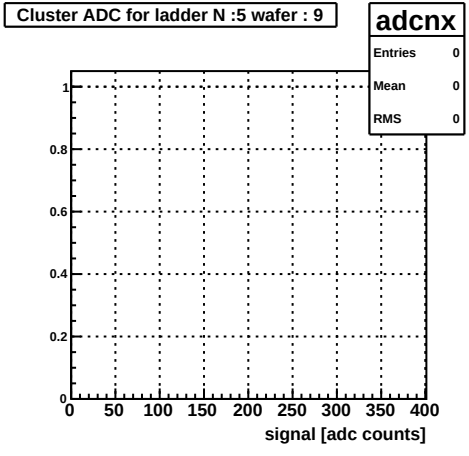

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

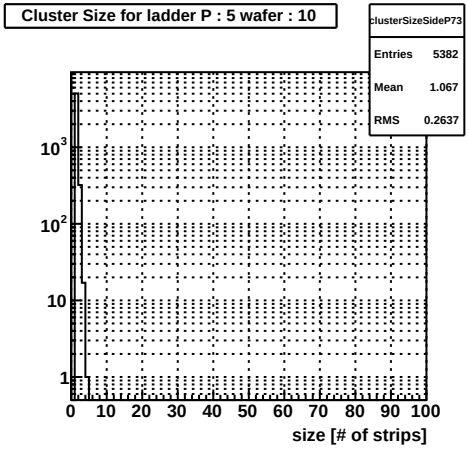

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 1843
Mean 1.034
RMS 0.2015
size [# of strips]

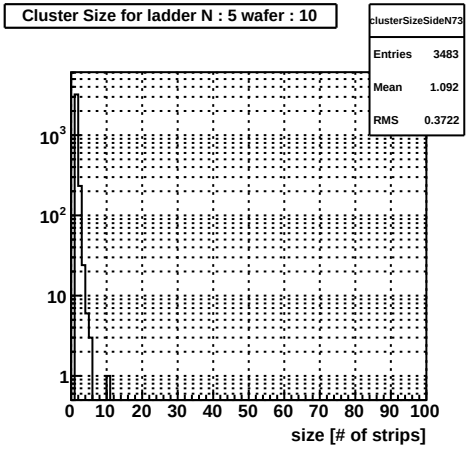

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

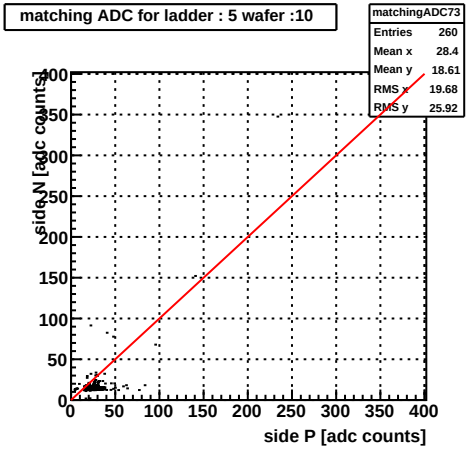

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

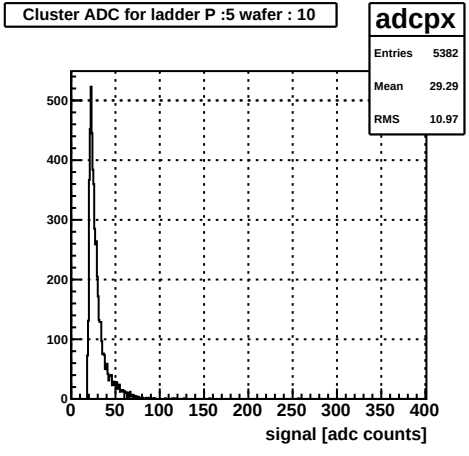

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 1843
Mean 24.93
RMS 14.49
signal [adc counts]

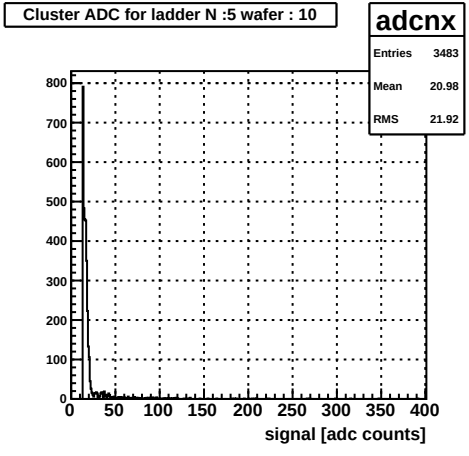

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

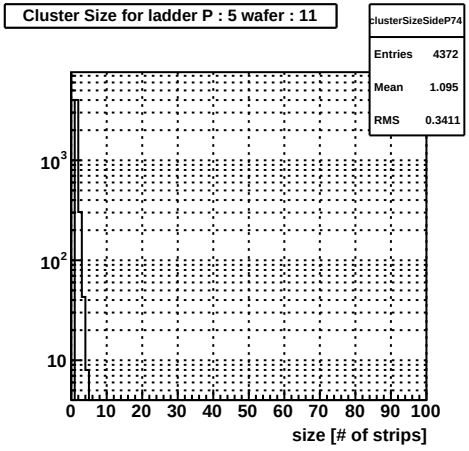

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 5382
Mean 1.067
RMS 0.2637
size [# of strips]

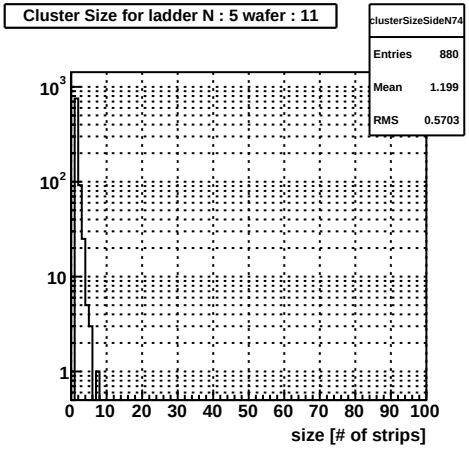

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 3483
Mean 1.092
RMS 0.3722
size [# of strips]

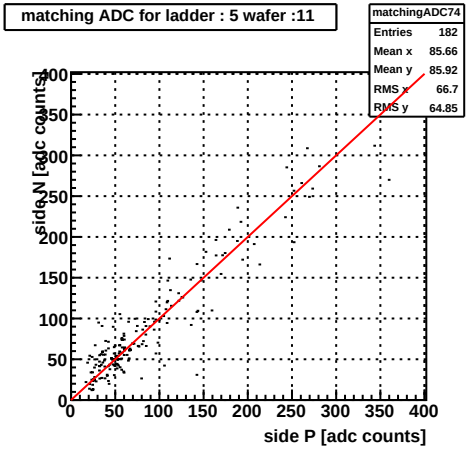

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 260
Mean x 28.4
Mean y 18.61
RMS x 19.68
RMS y 25.92
side N [adc counts]
side P [adc counts]

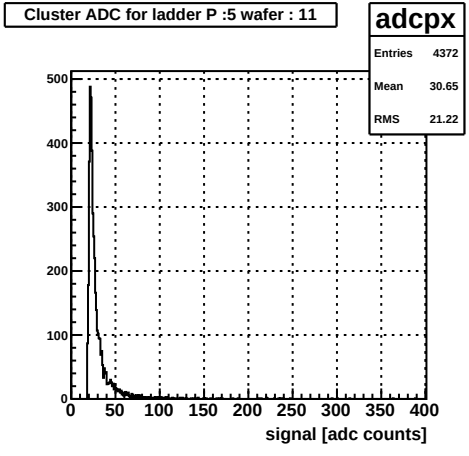

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 5382
Mean 29.29
RMS 10.97
signal [adc counts]

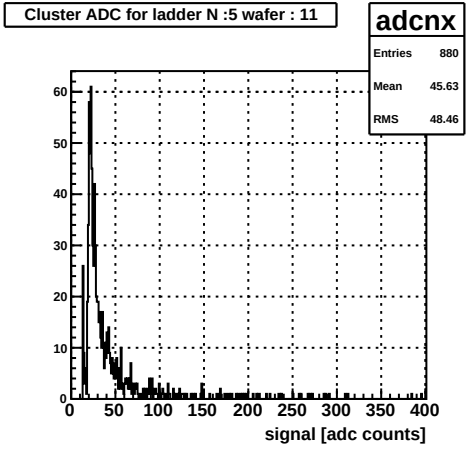

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 3483
Mean 20.98
RMS 21.92
signal [adc counts]

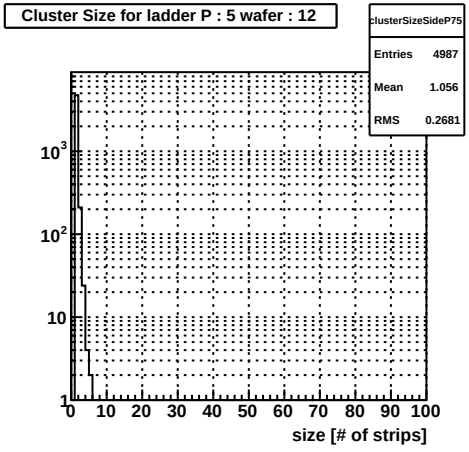

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 4372
Mean 1.095
RMS 0.3411
size [# of strips]

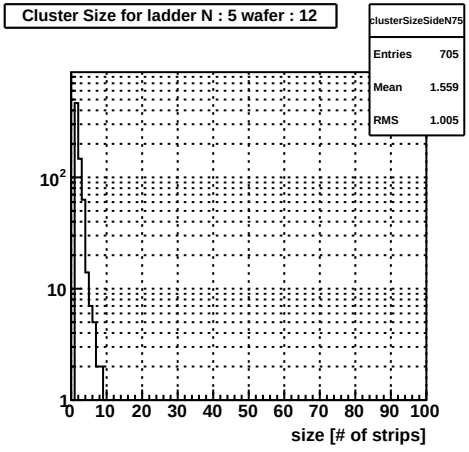

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 880
Mean 1.199
RMS 0.5703
size [# of strips]

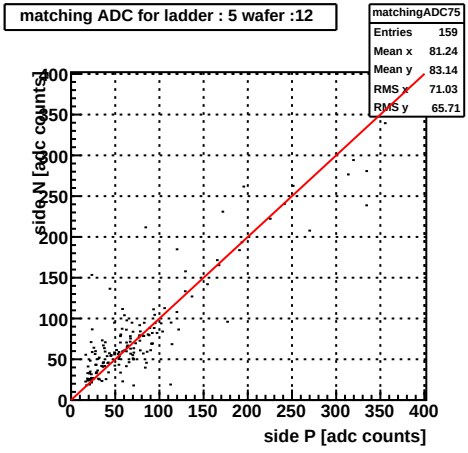

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 182
Mean x 85.66
Mean y 85.92
RMS x 66.7
RMS y 64.85
side N [adc counts]
side P [adc counts]

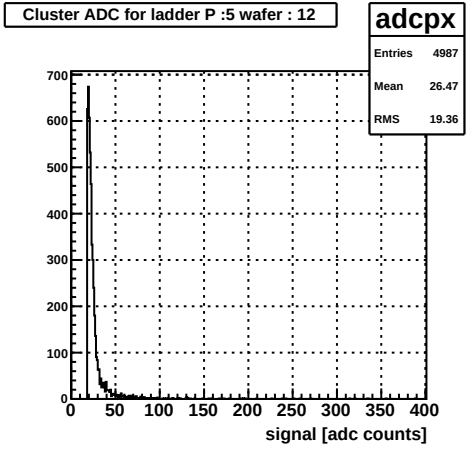

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 4372
Mean 30.65
RMS 21.22
signal [adc counts]

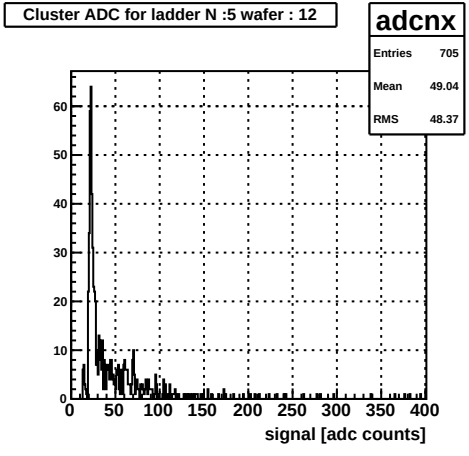

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 880
Mean 45.63
RMS 48.46
signal [adc counts]

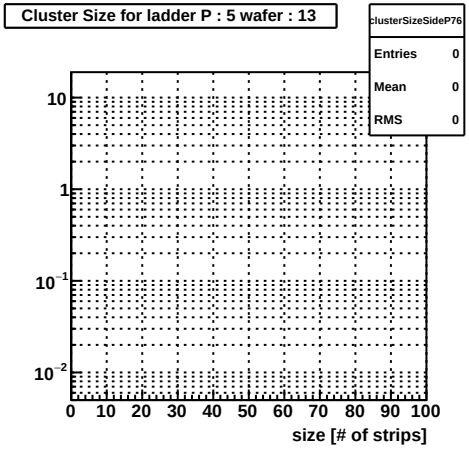

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 4987
Mean 1.056
RMS 0.2681
size [# of strips]

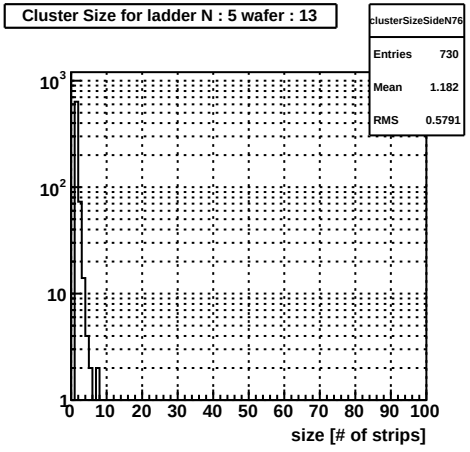

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 705
Mean 1.559
RMS 1.005
size [# of strips]

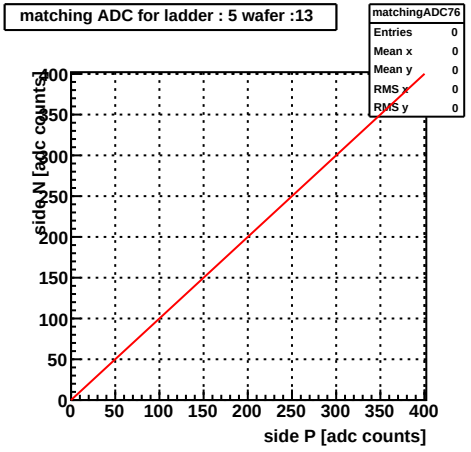

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 159
Mean x 81.24
Mean y 83.14
RMS x 71.03
RMS y 65.71
side N [adc counts]
side P [adc counts]

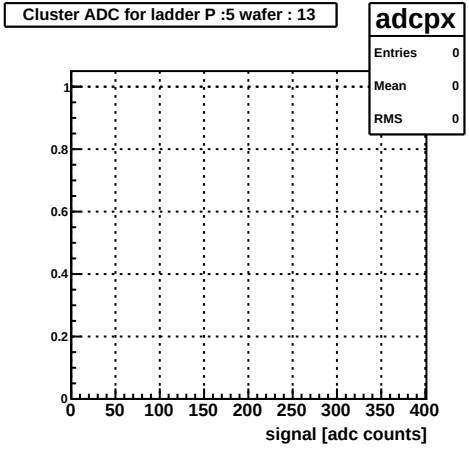

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 4987
Mean 26.47
RMS 19.36
signal [adc counts]

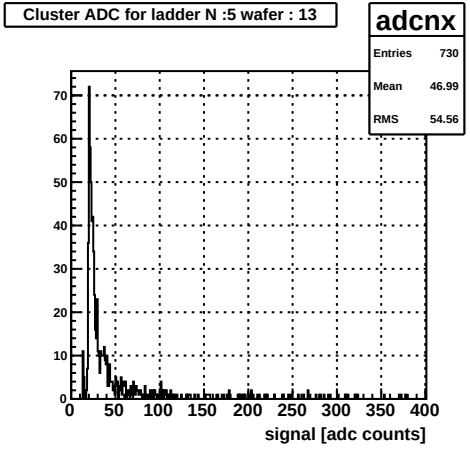

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 705
Mean 49.04
RMS 48.37
signal [adc counts]

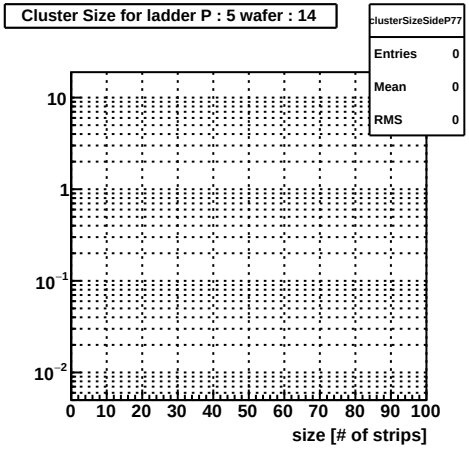

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 0
Mean 0
RMS 0
size [# of strips]

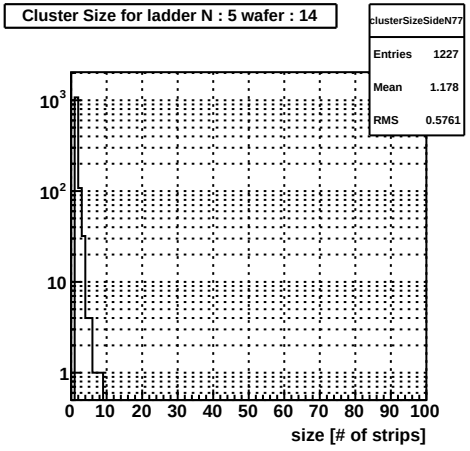

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 730
Mean 1.182
RMS 0.5791
size [# of strips]

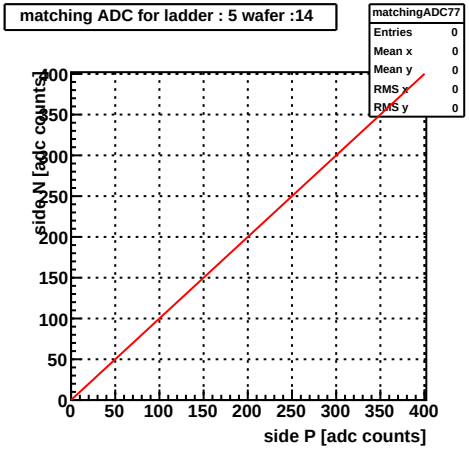

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

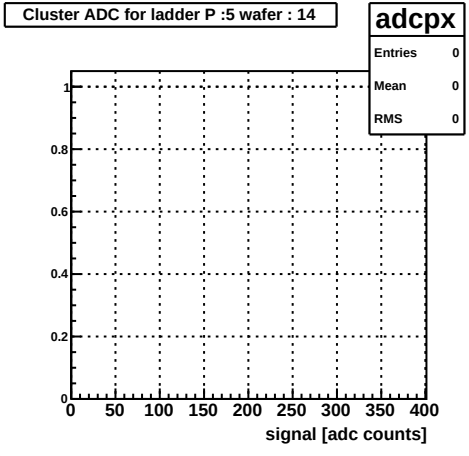

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

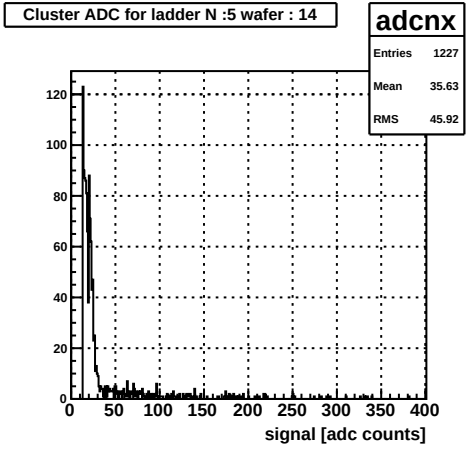

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 730
Mean 46.99
RMS 54.56
signal [adc counts]

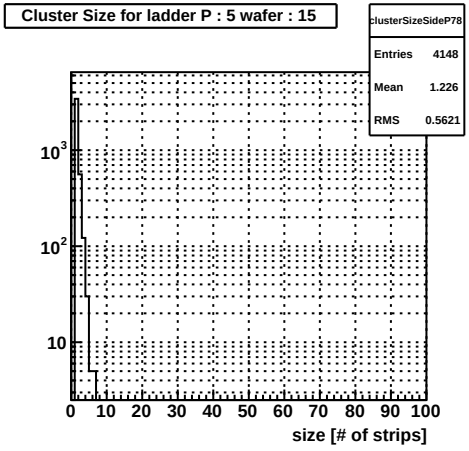

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

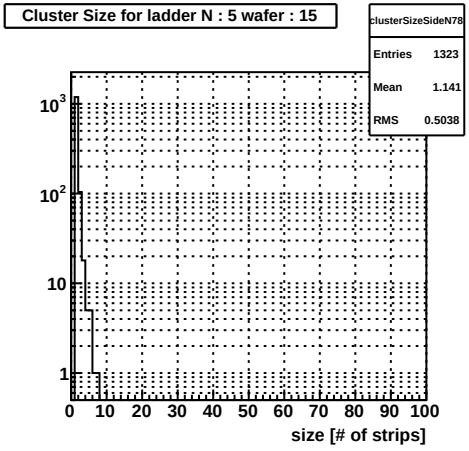

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 1227
Mean 1.178
RMS 0.5761
size [# of strips]

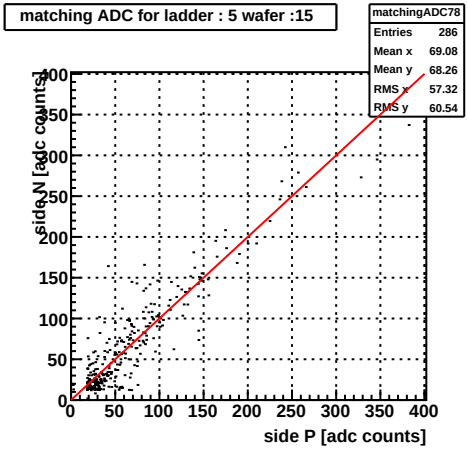

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

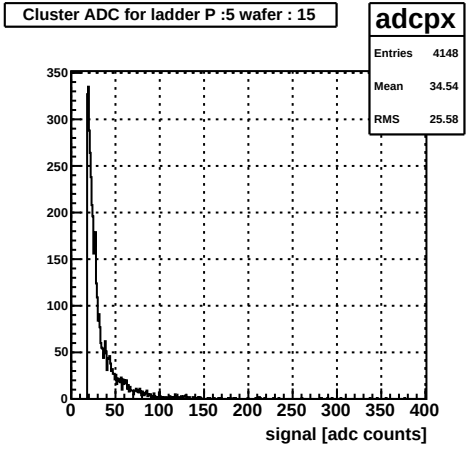

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

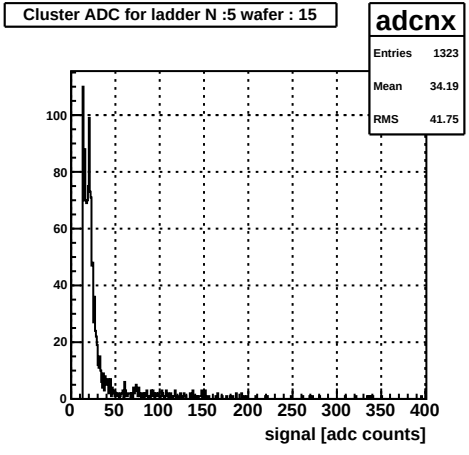

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 1227
Mean 35.63
RMS 45.92
signal [adc counts]

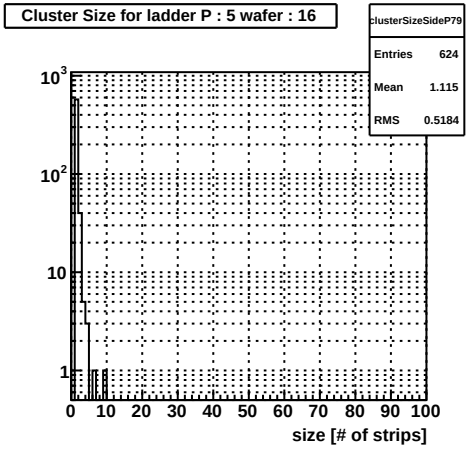

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 4148
Mean 1.226
RMS 0.5621
size [# of strips]

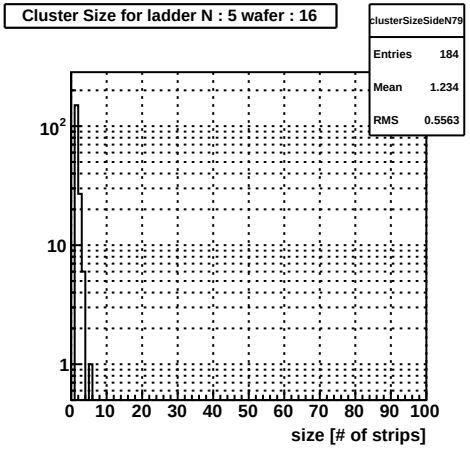

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 1323
Mean 1.141
RMS 0.5038
size [# of strips]

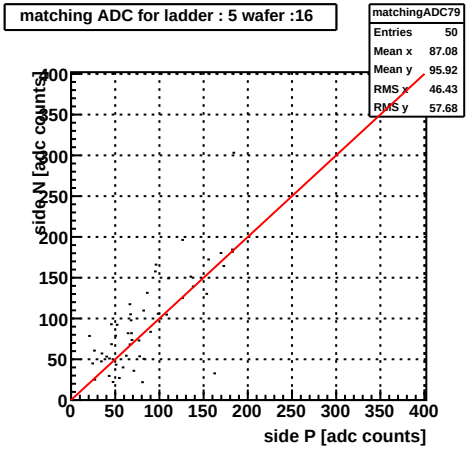

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 286
Mean x 69.08
Mean y 68.26
RMS x 57.32
RMS y 60.54
side N [adc counts]
side P [adc counts]

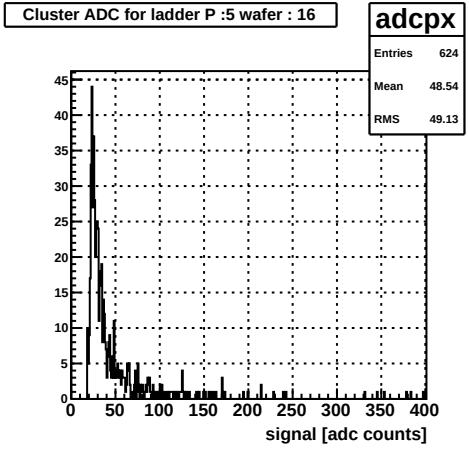

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 4148
Mean 34.54
RMS 25.58
signal [adc counts]

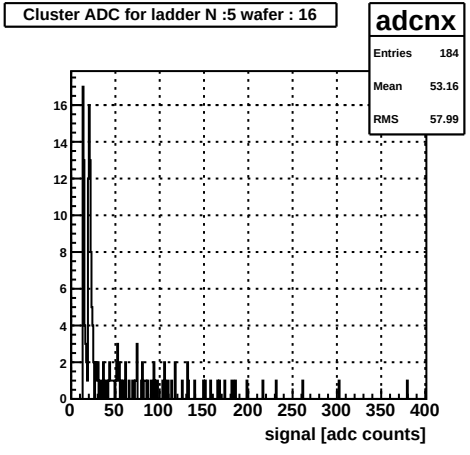

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 1323
Mean 34.19
RMS 41.75
signal [adc counts]

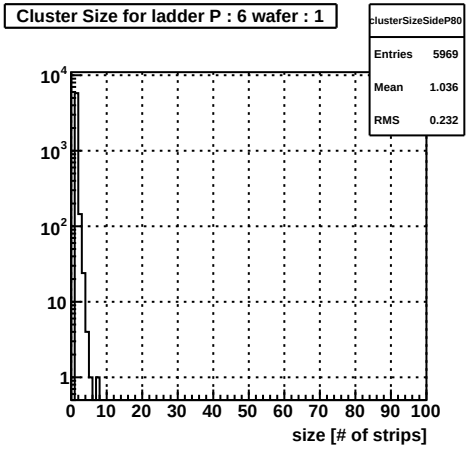

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 624
Mean 1.115
RMS 0.5184
size [# of strips]

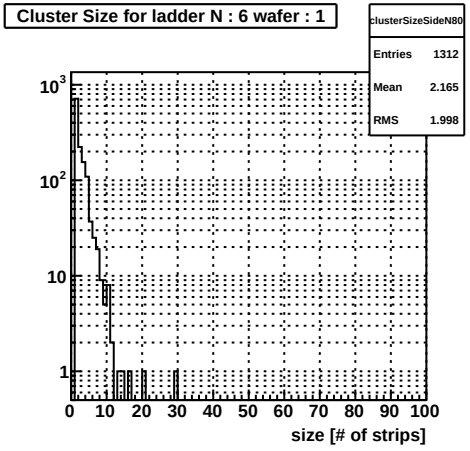

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 184
Mean 1.234
RMS 0.5563
size [# of strips]

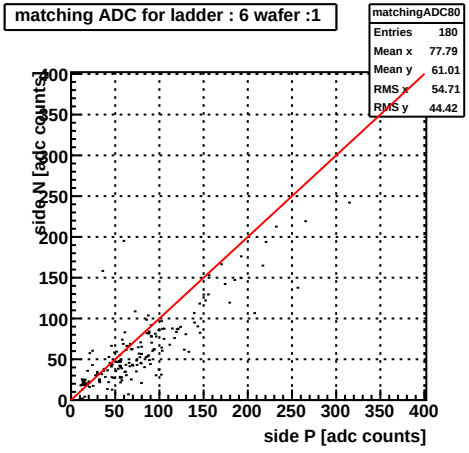

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 50
Mean x 87.08
Mean y 95.92
RMS x 46.43
RMS y 57.68
side N [adc counts]
side P [adc counts]

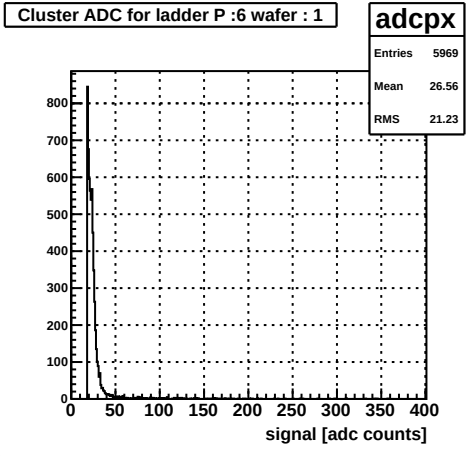

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 624
Mean 48.54
RMS 49.13
signal [adc counts]

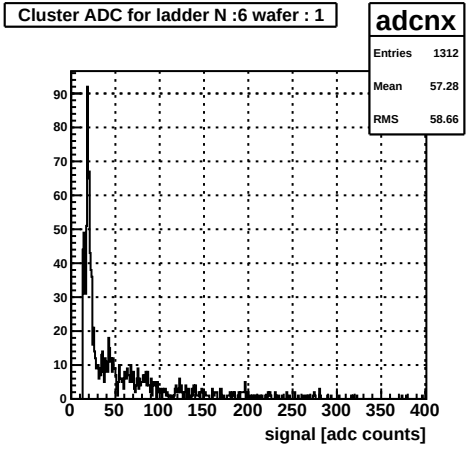

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 184
Mean 53.16
RMS 57.99
signal [adc counts]

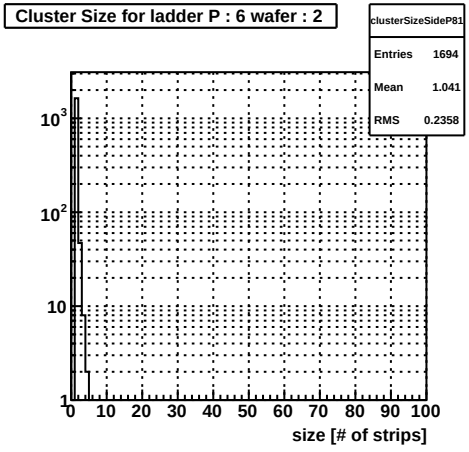

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 5969
Mean 1.036
RMS 0.232
size [# of strips]

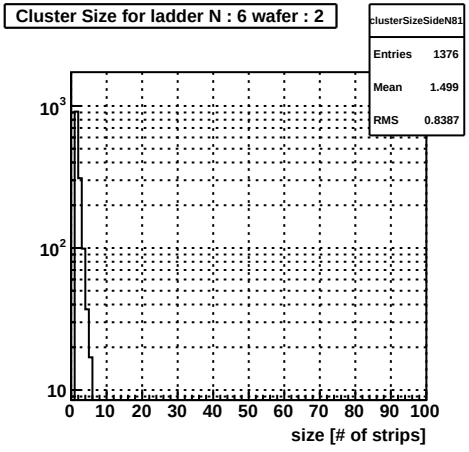

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 1312
Mean 2.165
RMS 1.998
size [# of strips]

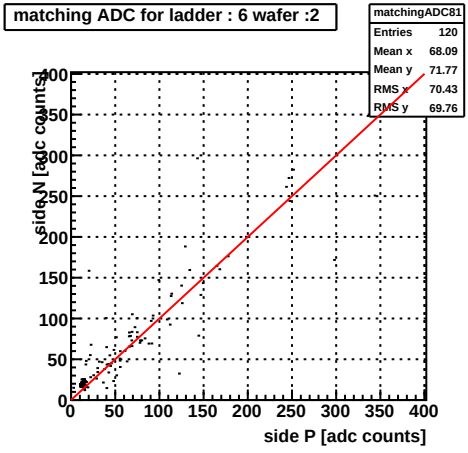

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 180
Mean x 77.79
Mean y 61.01
RMS x 54.71
RMS y 44.42
side N [adc counts]
side P [adc counts]

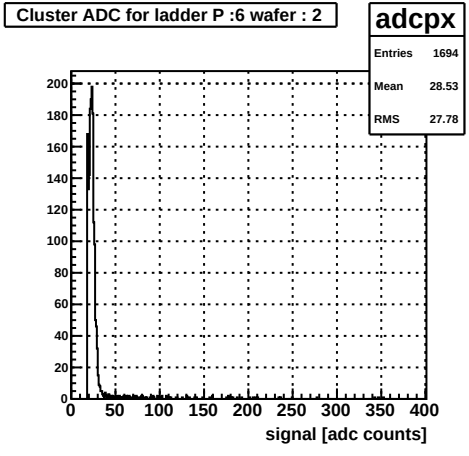

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 5969
Mean 26.56
RMS 21.23
signal [adc counts]

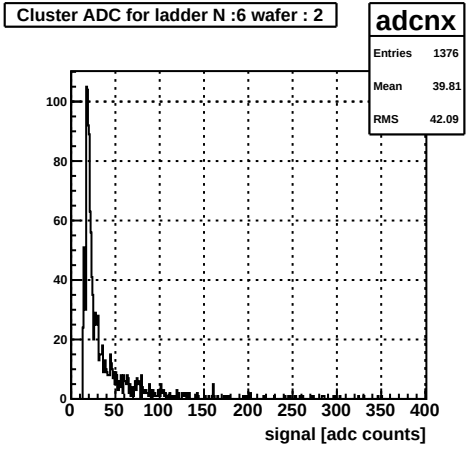

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 1312
Mean 57.28
RMS 58.66
signal [adc counts]

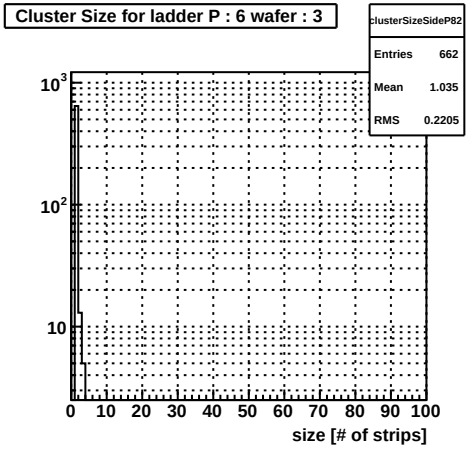

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 1694
Mean 1.041
RMS 0.2358
size [# of strips]

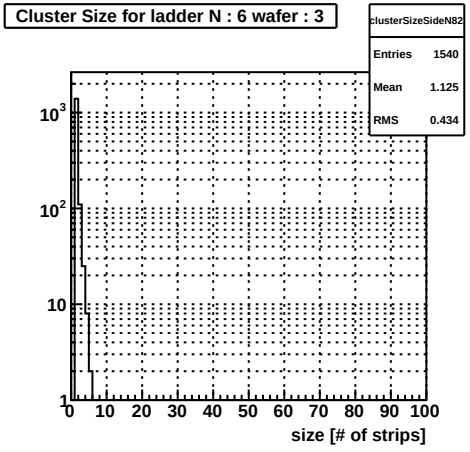

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 1376
Mean 1.499
RMS 0.8387
size [# of strips]

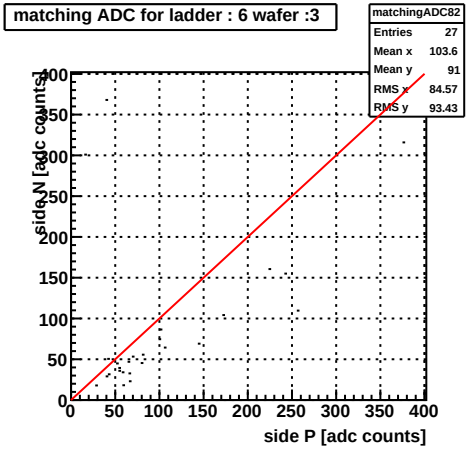

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 120
Mean x 68.09
Mean y 71.77
RMS x 70.43
RMS y 69.76
side N [adc counts]
side P [adc counts]

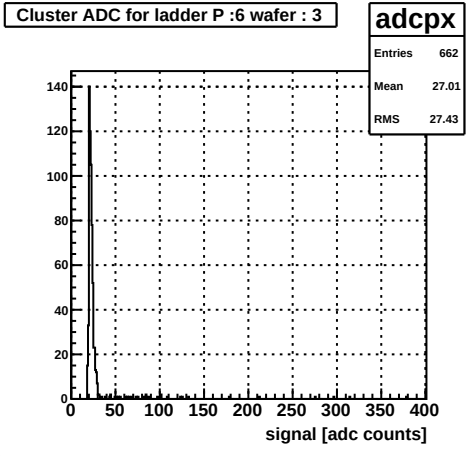

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 1694
Mean 28.53
RMS 27.78
signal [adc counts]

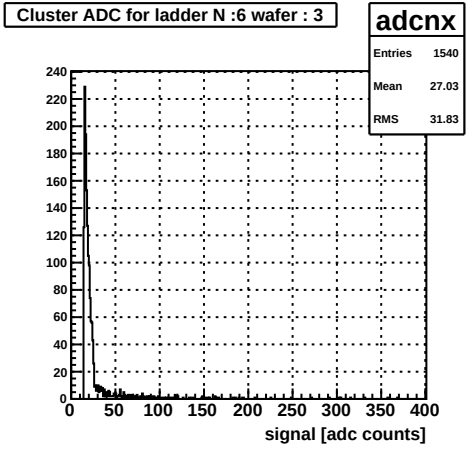

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 1376
Mean 39.81
RMS 42.09
signal [adc counts]

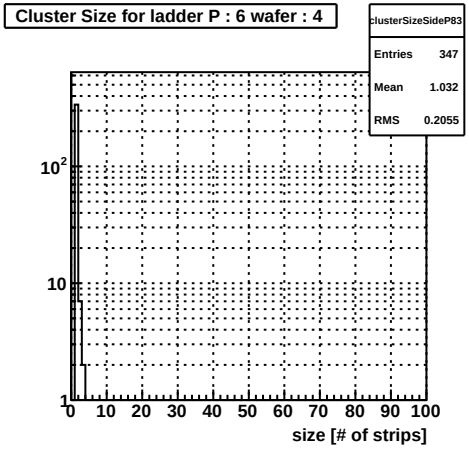

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 662
Mean 1.035
RMS 0.2205
size [# of strips]

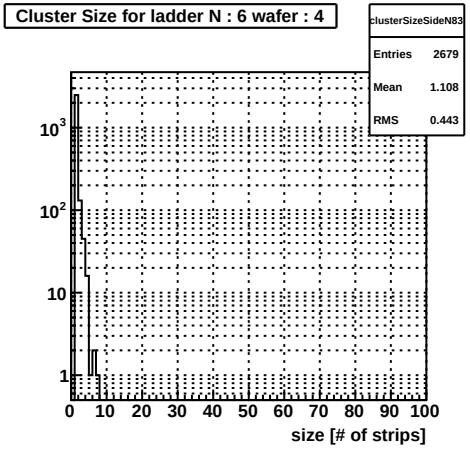

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 1540
Mean 1.125
RMS 0.434
size [# of strips]

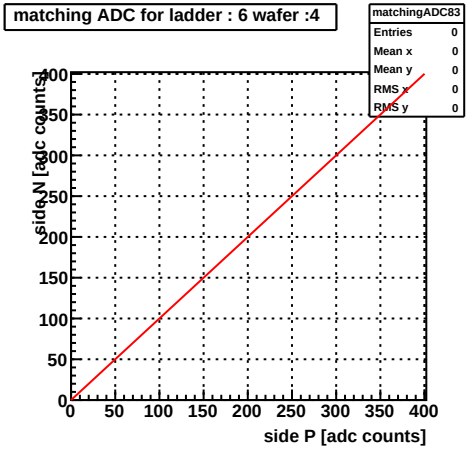

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 27
Mean x 103.6
Mean y 91
RMS x 84.57
RMS y 93.43
side N [adc counts]
side P [adc counts]

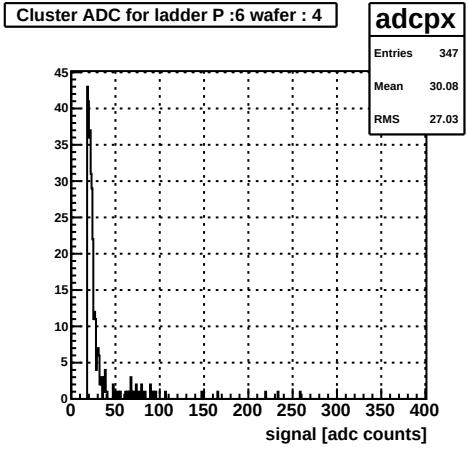

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 662
Mean 27.01
RMS 27.43
signal [adc counts]

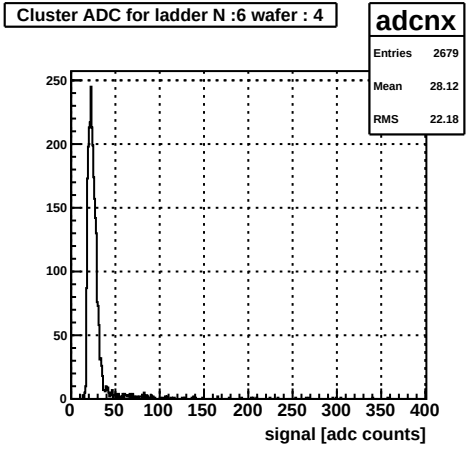

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 1540
Mean 27.03
RMS 31.83
signal [adc counts]

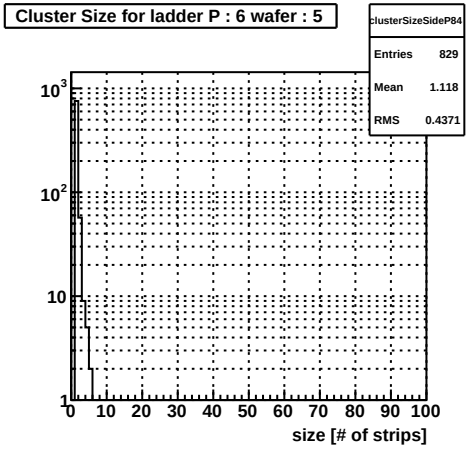

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 347
Mean 1.032
RMS 0.2055
size [# of strips]

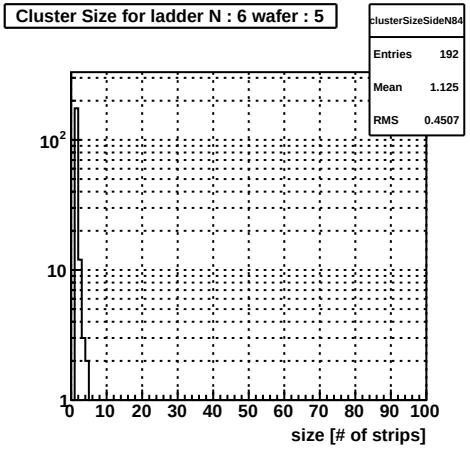

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 2679
Mean 1.108
RMS 0.443
size [# of strips]

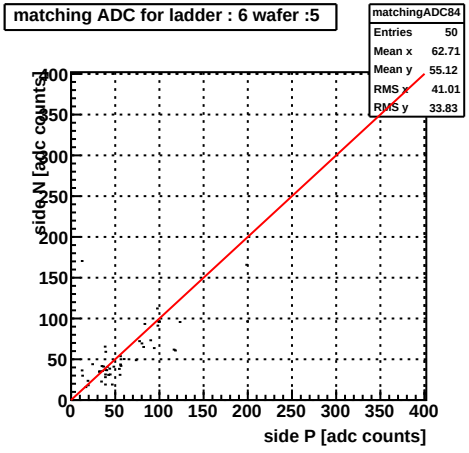

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

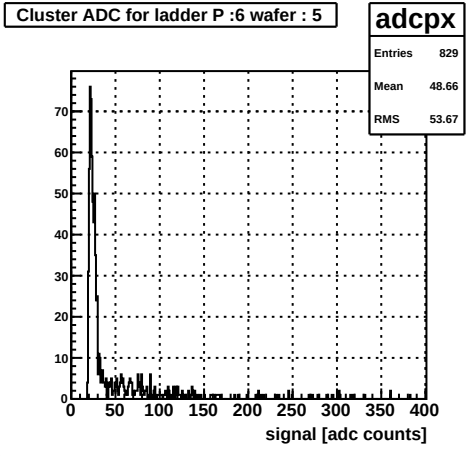

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 347
Mean 30.08
RMS 27.03
signal [adc counts]

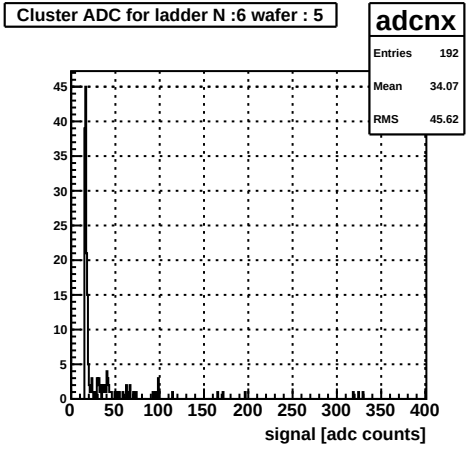

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 2679
Mean 28.12
RMS 22.18
signal [adc counts]

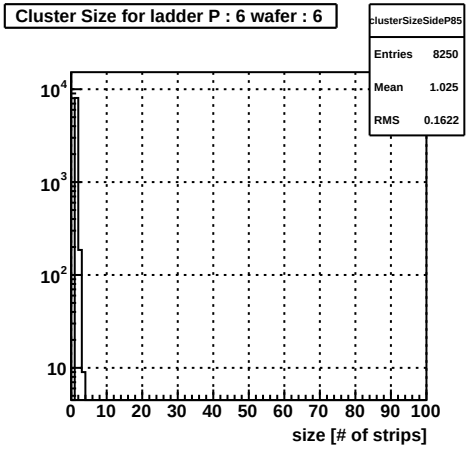

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 829
Mean 1.118
RMS 0.4371
size [# of strips]

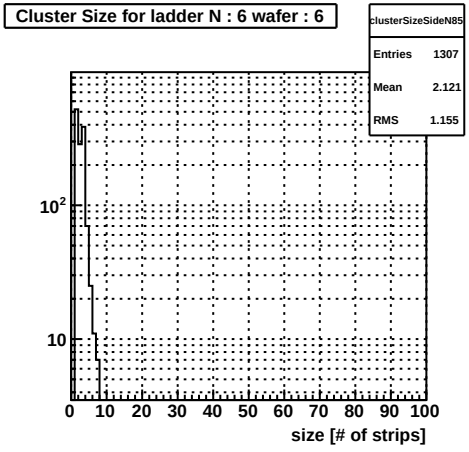

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 192
Mean 1.125
RMS 0.4507
size [# of strips]

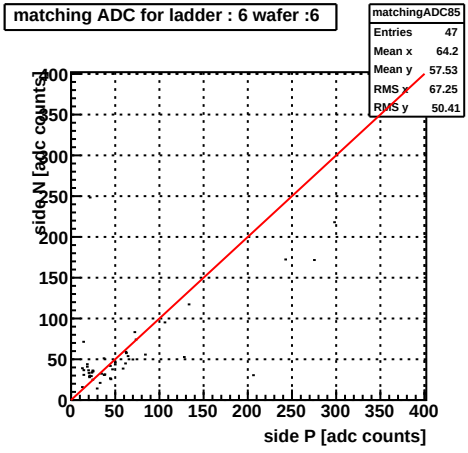

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 50
Mean x 62.71
Mean y 55.12
RMS x 41.01
RMS y 33.83
side N [adc counts]
side P [adc counts]

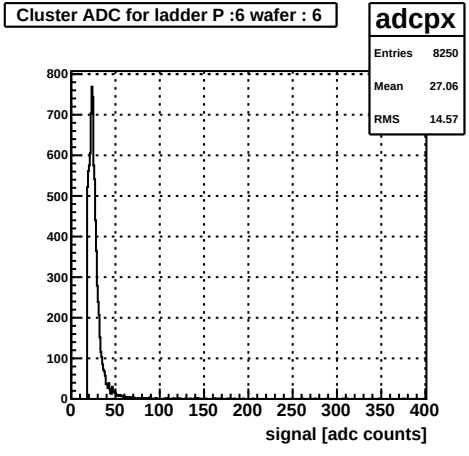

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 829
Mean 48.66
RMS 53.67
signal [adc counts]

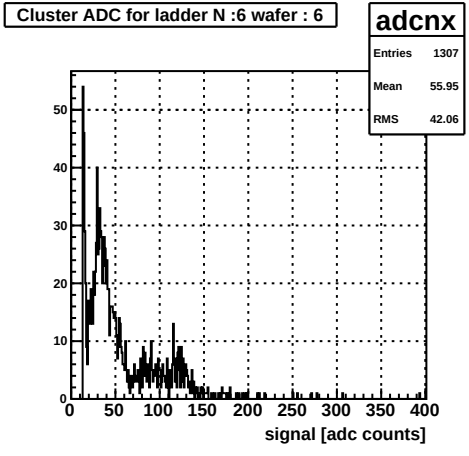

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 192
Mean 34.07
RMS 45.62
signal [adc counts]

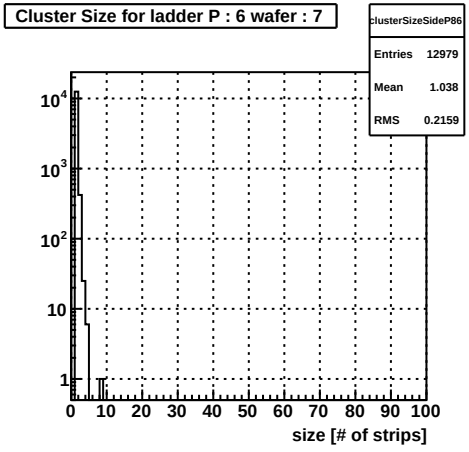

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 8250
Mean 1.025
RMS 0.1622
size [# of strips]

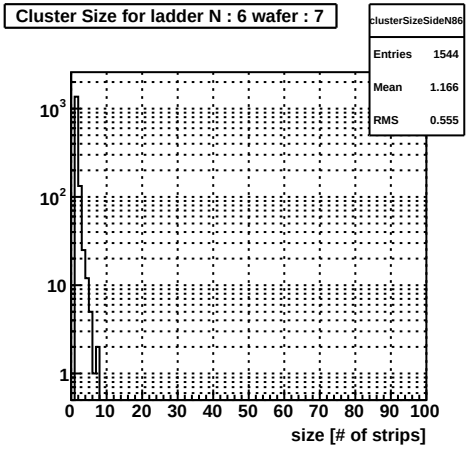

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 1307
Mean 2.121
RMS 1.155
size [# of strips]

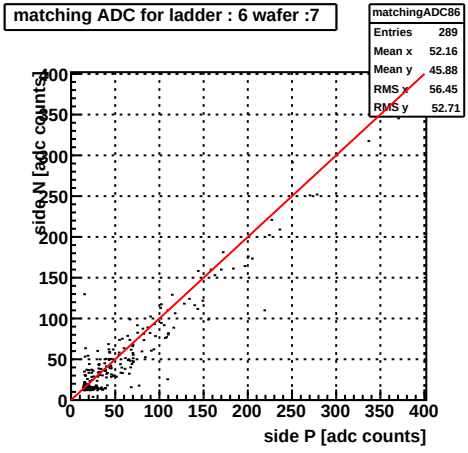

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 47
Mean x 64.2
Mean y 57.53
RMS x 67.25
RMS y 50.41
side N [adc counts]
side P [adc counts]

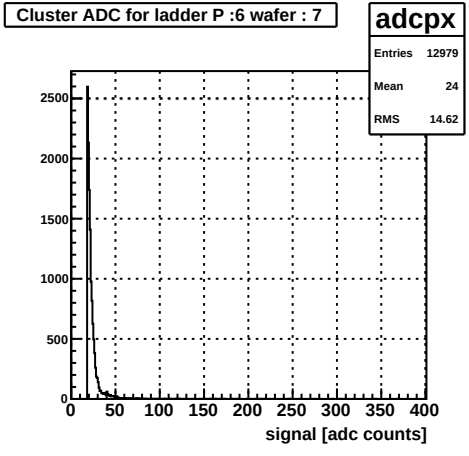

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 8250
Mean 27.06
RMS 14.57
signal [adc counts]

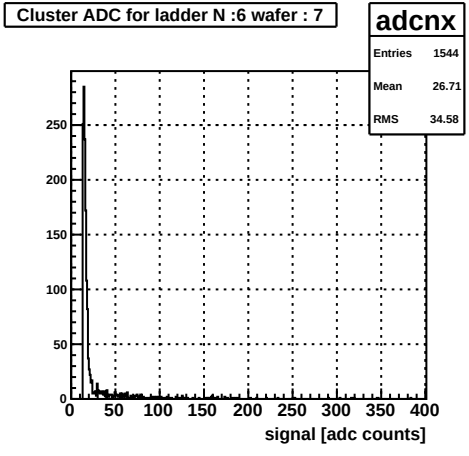

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 1307
Mean 55.95
RMS 42.06
signal [adc counts]

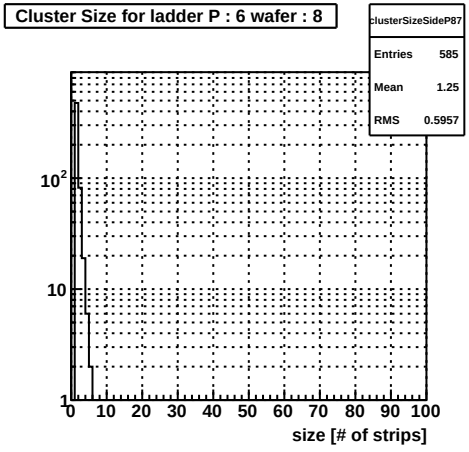

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 12979
Mean 1.038
RMS 0.2159
size [# of strips]

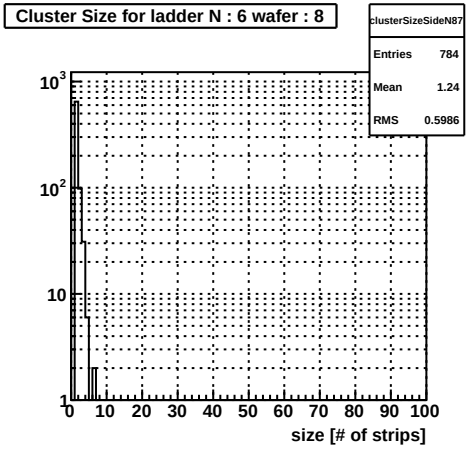

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 1544
Mean 1.166
RMS 0.555
size [# of strips]

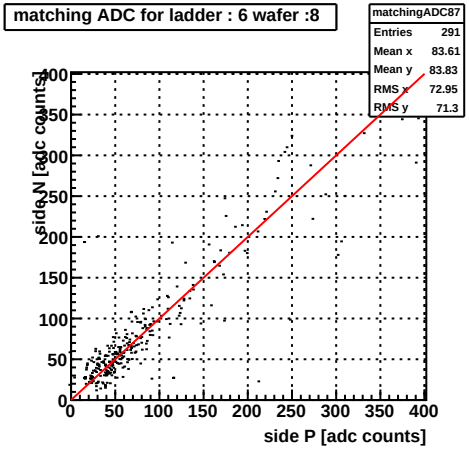

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 289
Mean x 52.16
Mean y 45.88
RMS x 56.45
RMS y 52.71
side N [adc counts]
side P [adc counts]

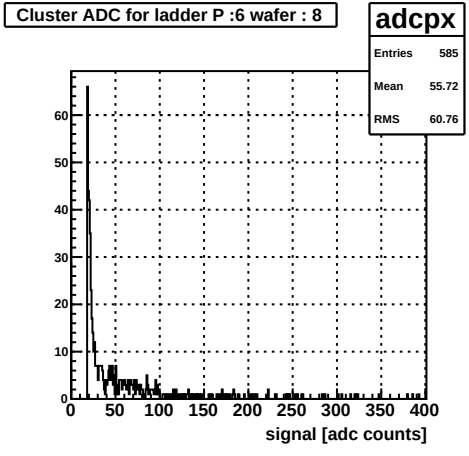

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 12979
Mean 24
RMS 14.62
signal [adc counts]

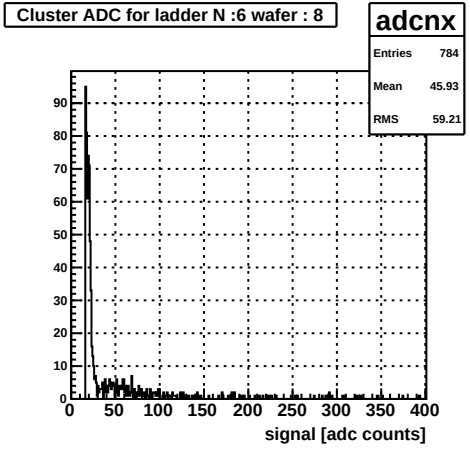

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 1544
Mean 26.71
RMS 34.58
signal [adc counts]

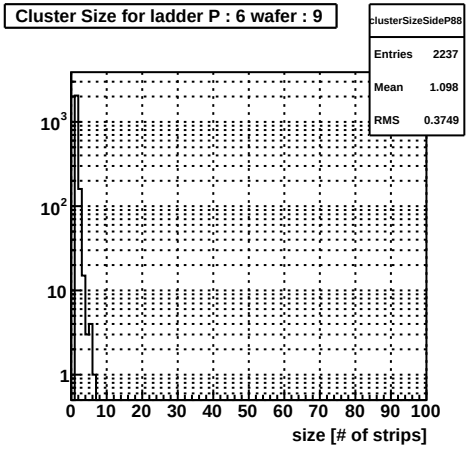

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 585
Mean 1.25
RMS 0.5957
size [# of strips]

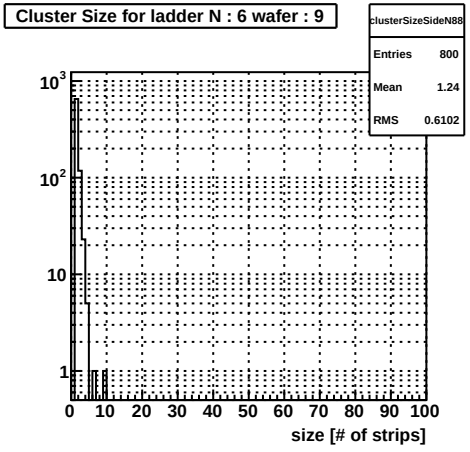

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 784
Mean 1.24
RMS 0.5986
size [# of strips]

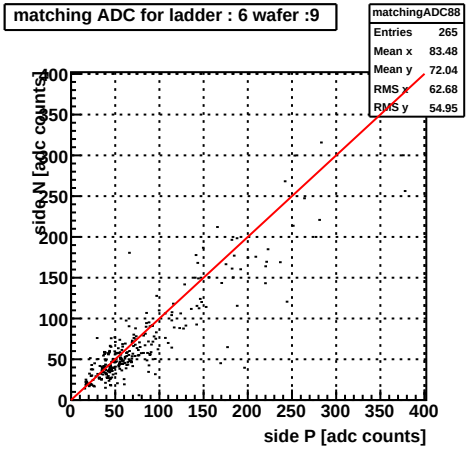

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 291
Mean x 83.61
Mean y 83.83
RMS x 72.95
RMS y 71.3
side N [adc counts]
side P [adc counts]

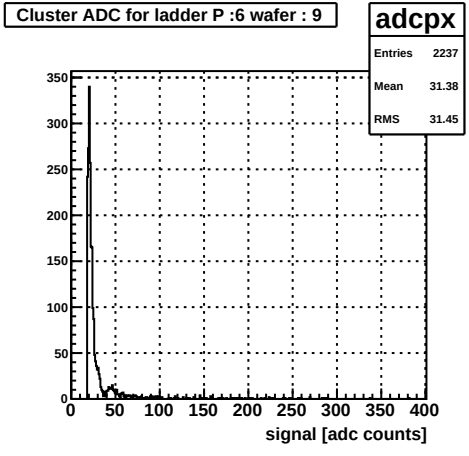

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 585
Mean 55.72
RMS 60.76
signal [adc counts]

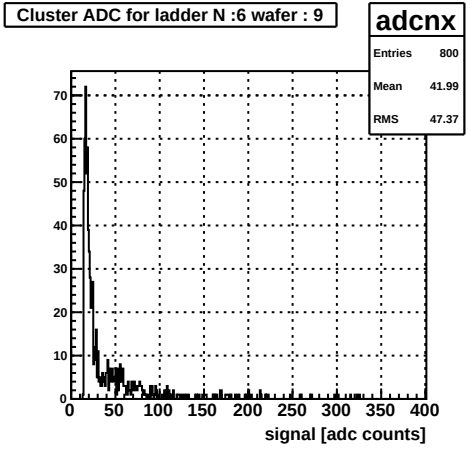

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 784
Mean 45.93
RMS 59.21
signal [adc counts]

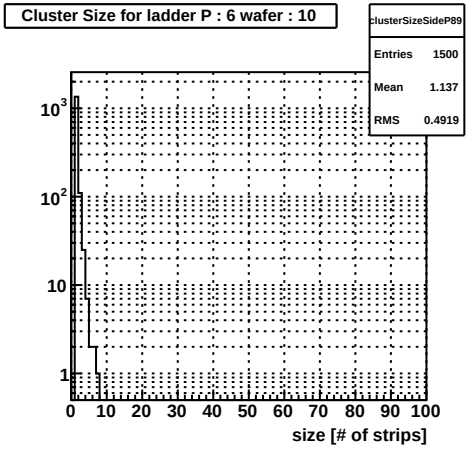

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 2237
Mean 1.098
RMS 0.3749
size [# of strips]

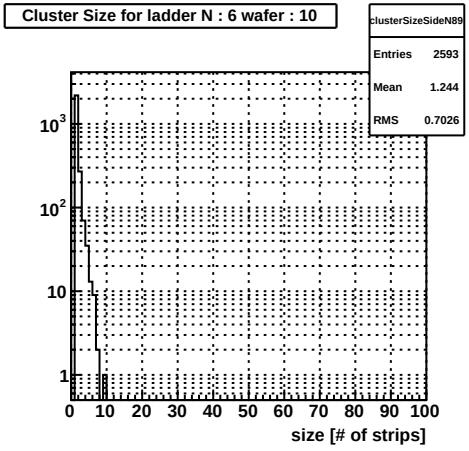

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 800
Mean 1.24
RMS 0.6102
size [# of strips]

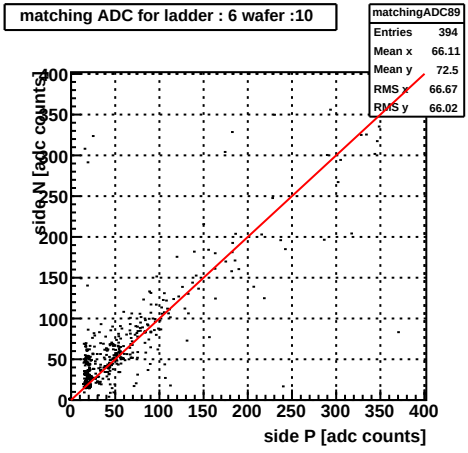

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 265
Mean x 83.48
Mean y 72.04
RMS x 62.68
RMS y 54.95
side N [adc counts]
side P [adc counts]

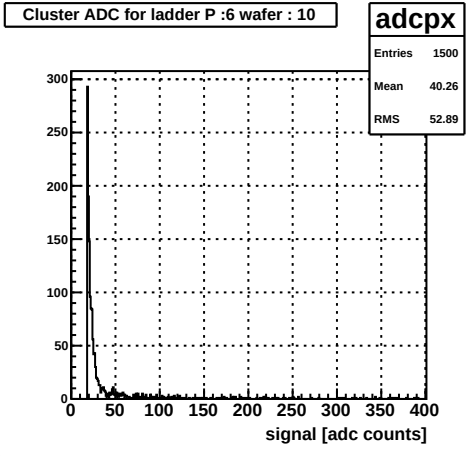

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 2237
Mean 31.38
RMS 31.45
signal [adc counts]

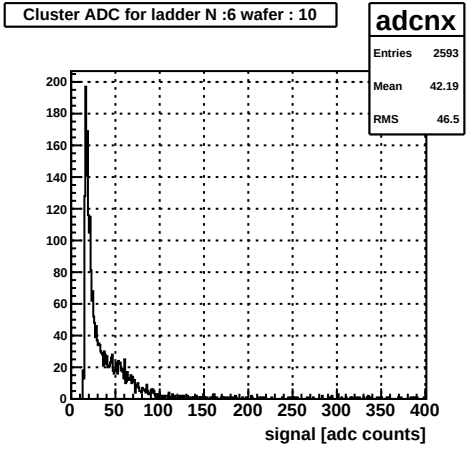

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 800
Mean 41.99
RMS 47.37
signal [adc counts]

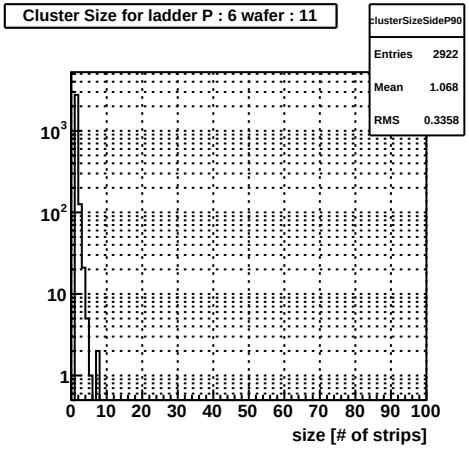

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 1500
Mean 1.137
RMS 0.4919
size [# of strips]

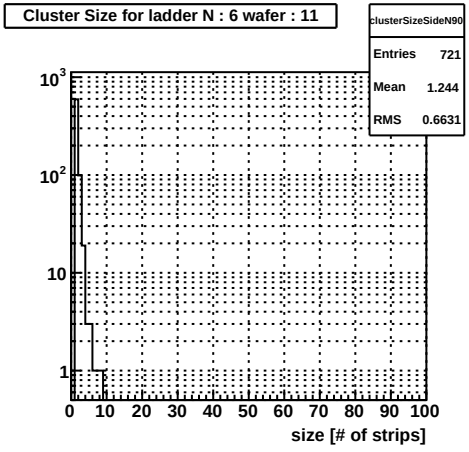

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 2593
Mean 1.244
RMS 0.7026
size [# of strips]

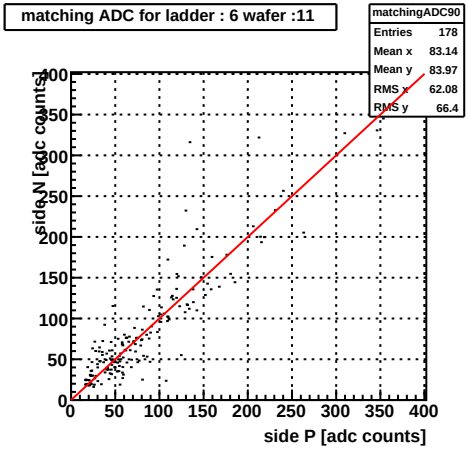

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 394
Mean x 66.11
Mean y 72.5
RMS x 66.67
RMS y 66.02
side N [adc counts]
side P [adc counts]

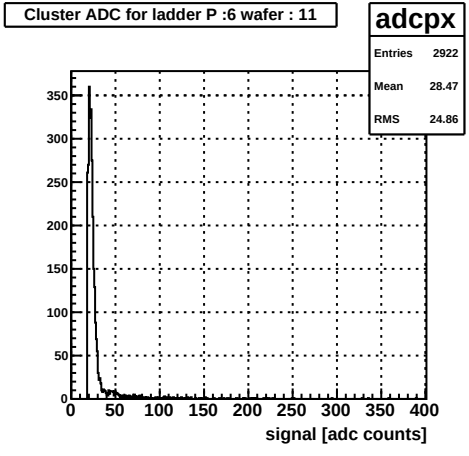

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 1500
Mean 40.26
RMS 52.89
signal [adc counts]

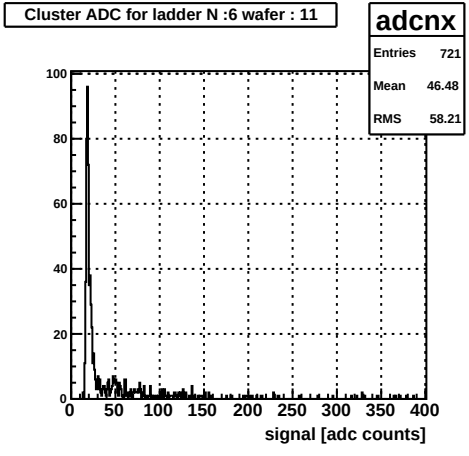

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 2593
Mean 42.19
RMS 46.5
signal [adc counts]

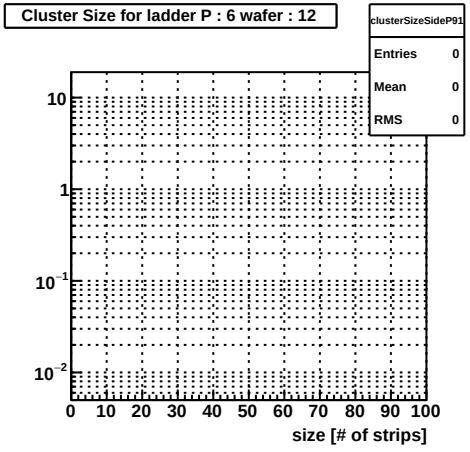

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 2922
Mean 1.068
RMS 0.3358
size [# of strips]

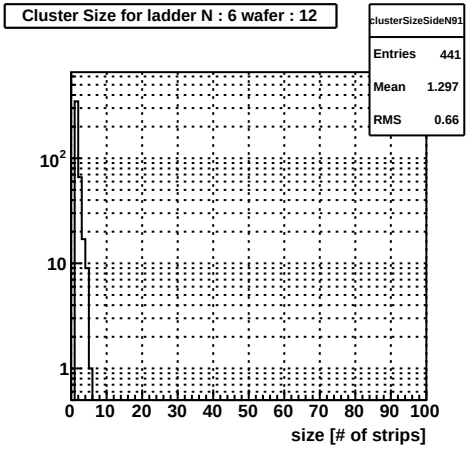

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 721
Mean 1.244
RMS 0.6631
size [# of strips]

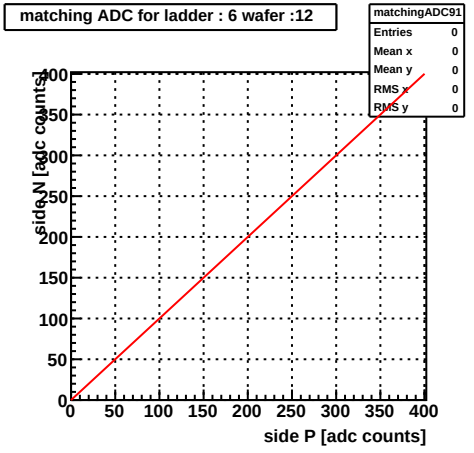

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 178
Mean x 83.14
Mean y 83.97
RMS x 62.08
RMS y 66.4
side N [adc counts]
side P [adc counts]

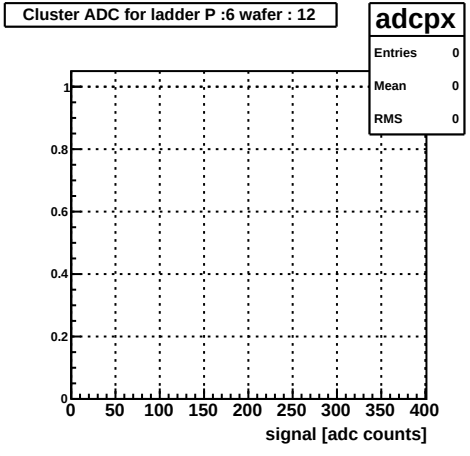

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 2922
Mean 28.47
RMS 24.86
signal [adc counts]

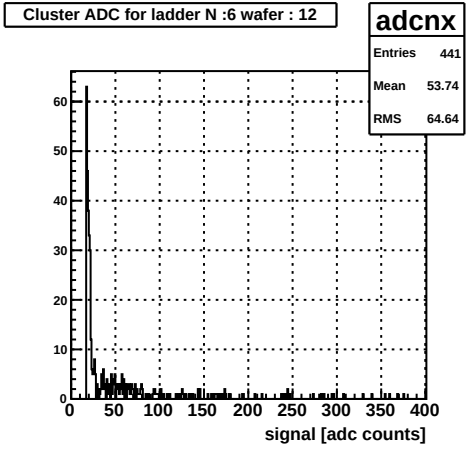

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 721
Mean 46.48
RMS 58.21
signal [adc counts]

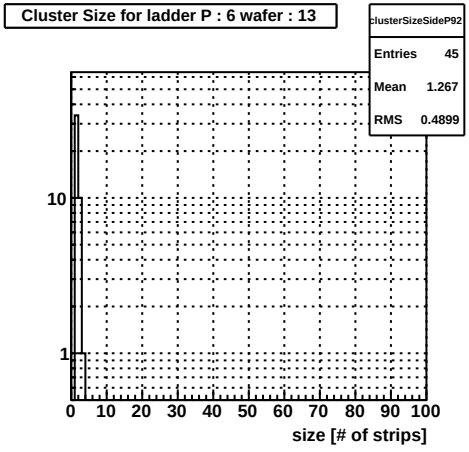

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 0
Mean 0
RMS 0
size [# of strips]

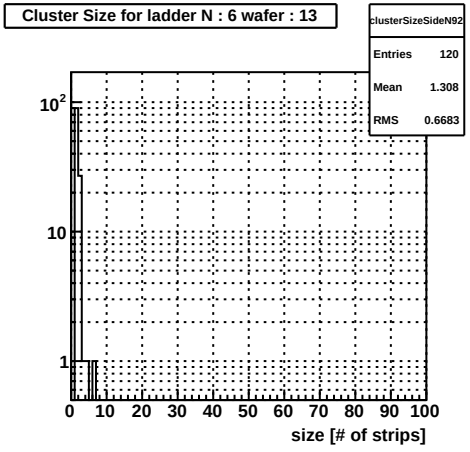

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 441
Mean 1.297
RMS 0.66
size [# of strips]

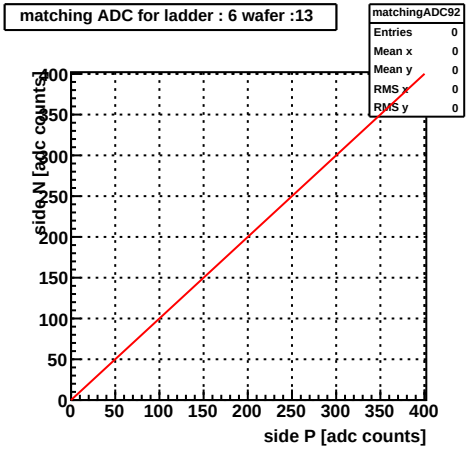

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

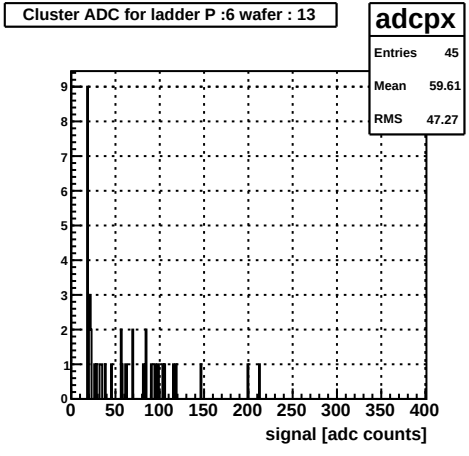

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

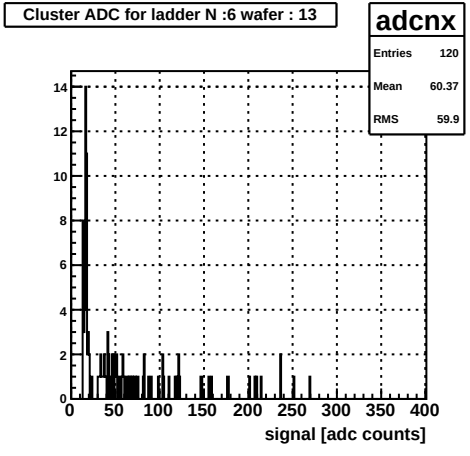

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 441
Mean 53.74
RMS 64.64
signal [adc counts]

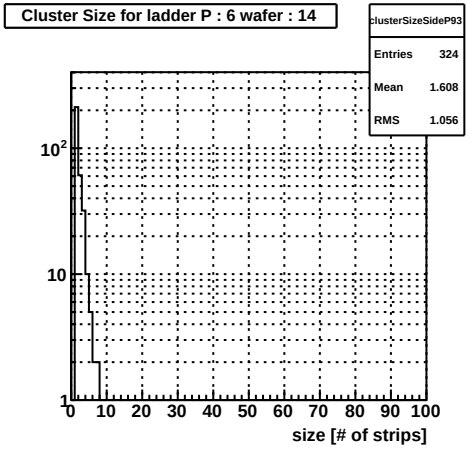

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 45
Mean 1.267
RMS 0.4899
size [# of strips]

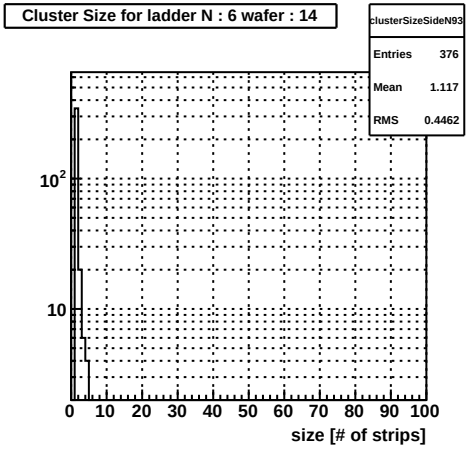

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 120
Mean 1.308
RMS 0.6683
size [# of strips]

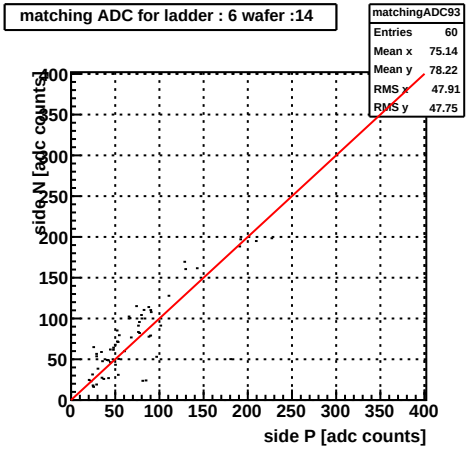

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

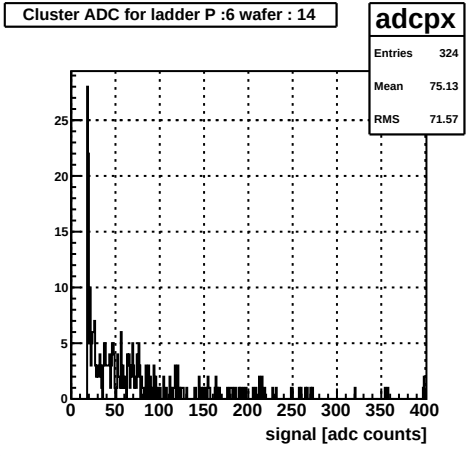

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 45
Mean 59.61
RMS 47.27
signal [adc counts]

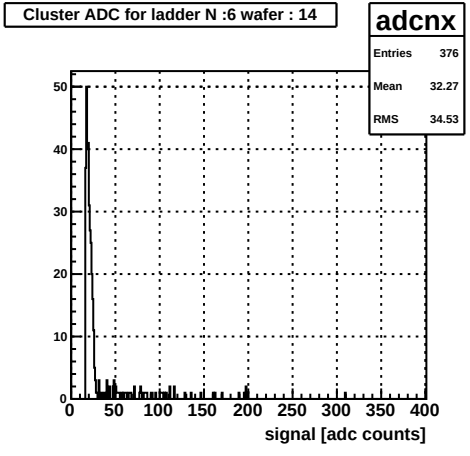

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 120
Mean 60.37
RMS 59.9
signal [adc counts]

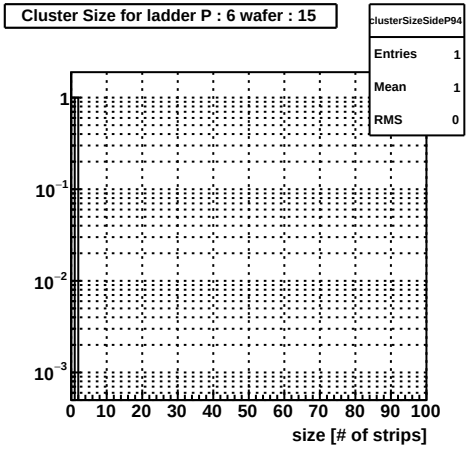

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 324
Mean 1.608
RMS 1.056
size [# of strips]

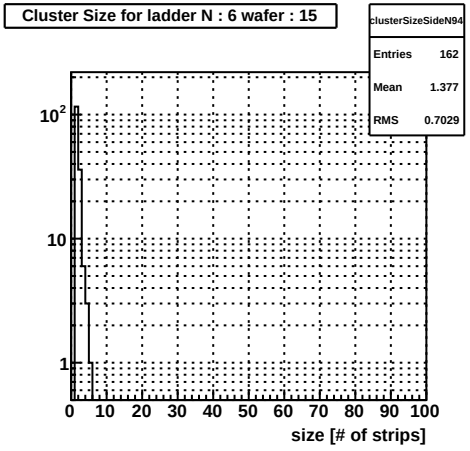

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 376
Mean 1.117
RMS 0.4462
size [# of strips]

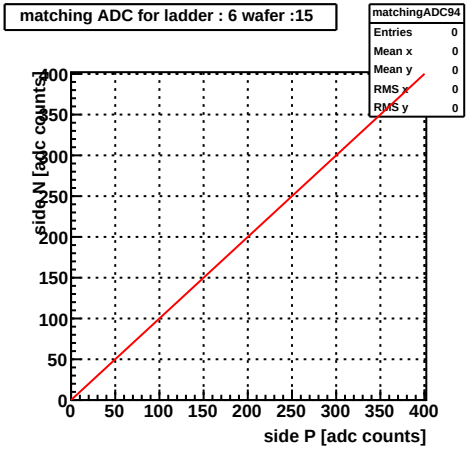

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 60
Mean x 75.14
Mean y 78.22
RMS x 47.91
RMS y 47.75
side N [adc counts]
side P [adc counts]

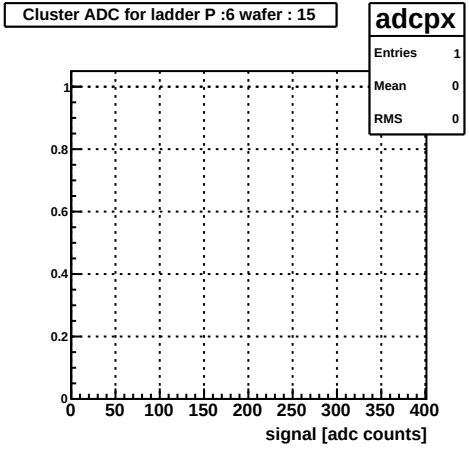

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 324
Mean 75.13
RMS 71.57
signal [adc counts]

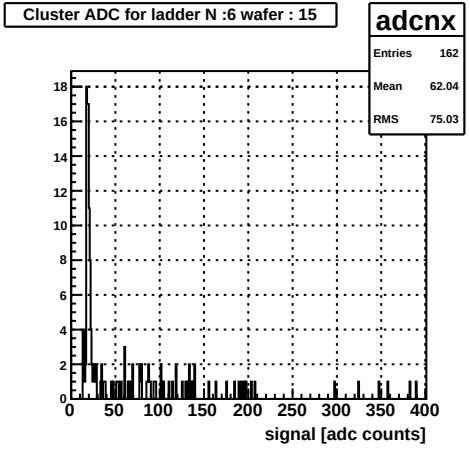

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 376
Mean 32.27
RMS 34.53
signal [adc counts]

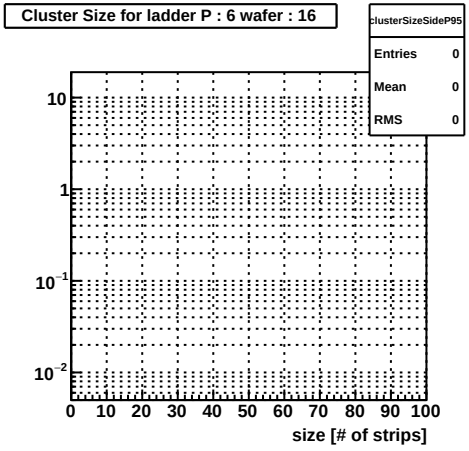

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 1
Mean 1
RMS 0
size [# of strips]

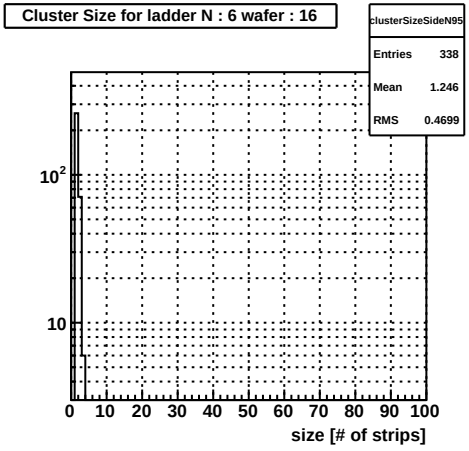

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 162
Mean 1.377
RMS 0.7029
size [# of strips]

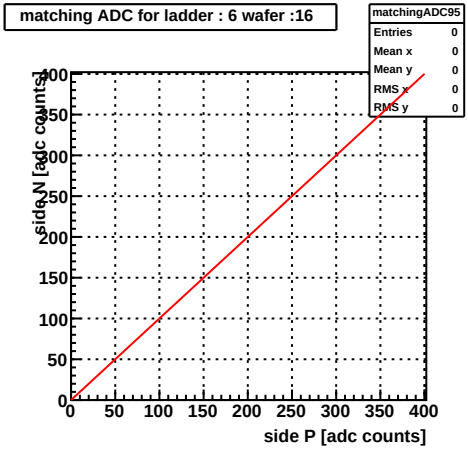

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

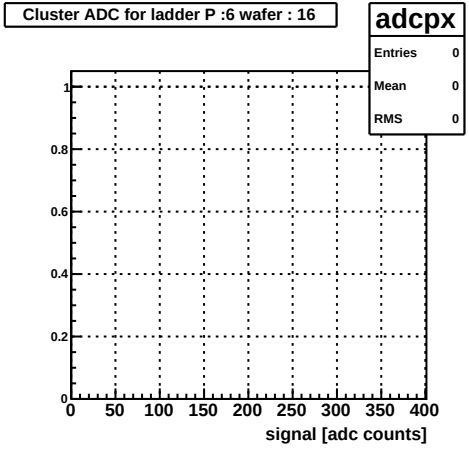

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

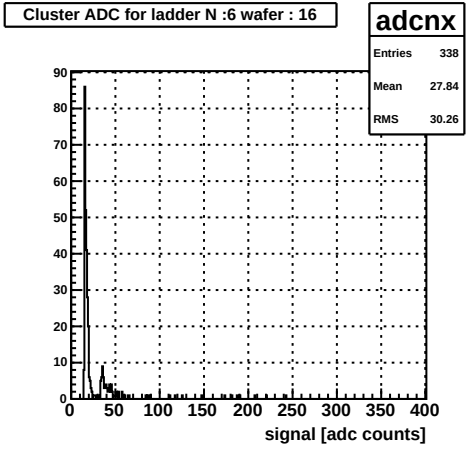

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 162
Mean 62.04
RMS 75.03
signal [adc counts]

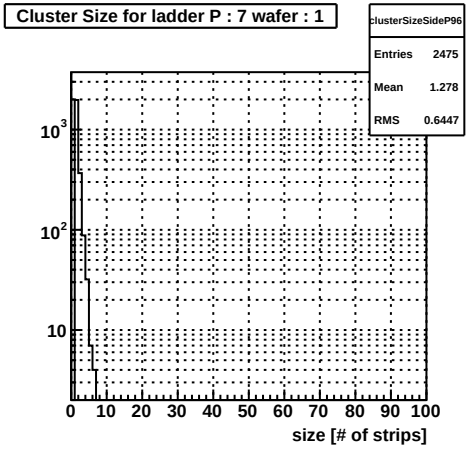

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

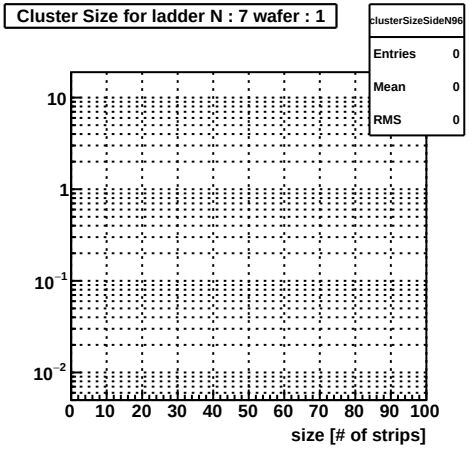

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 338
Mean 1.246
RMS 0.4699
size [# of strips]

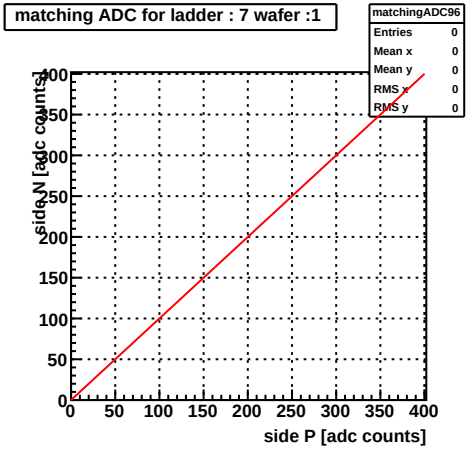

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

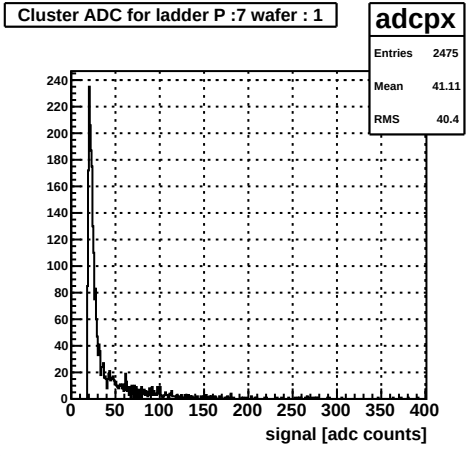

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

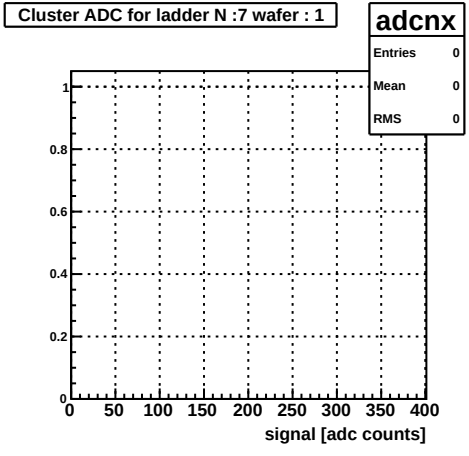

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 338
Mean 27.84
RMS 30.26
signal [adc counts]

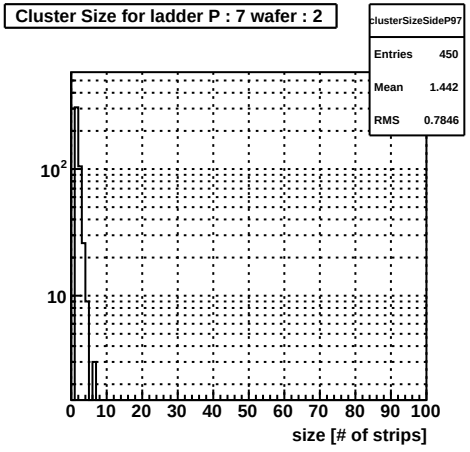

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 2475
Mean 1.278
RMS 0.6447
size [# of strips]

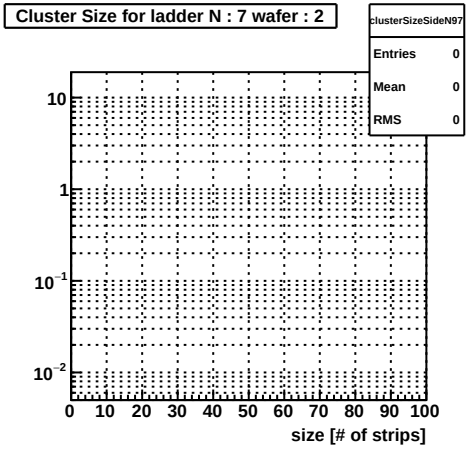

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

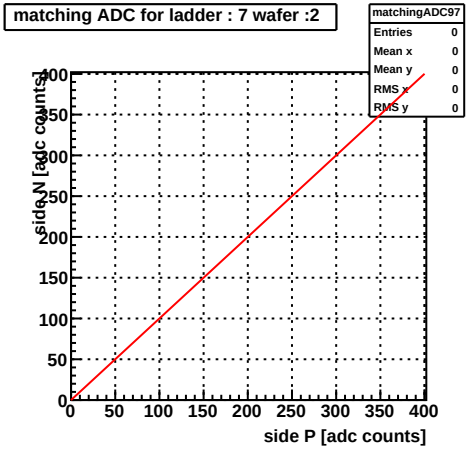

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

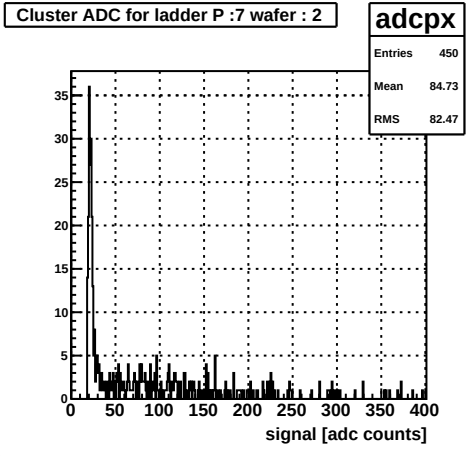

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 2475
Mean 41.11
RMS 40.4
signal [adc counts]

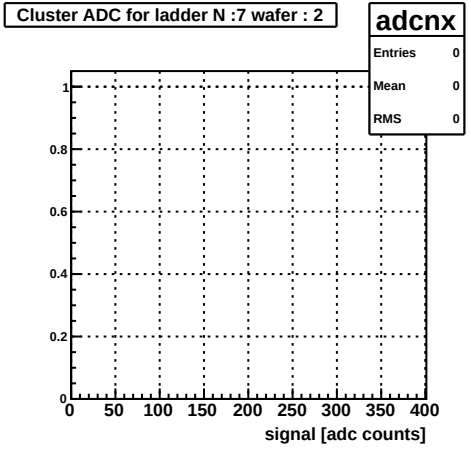

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

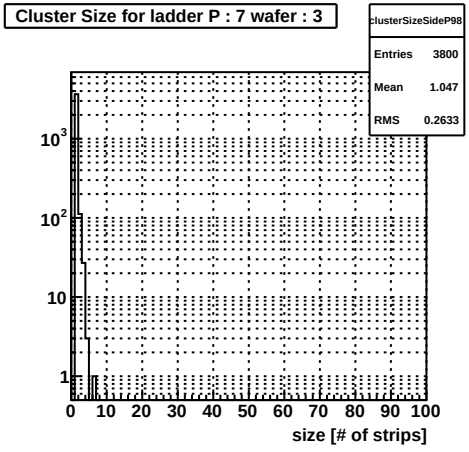

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 450
Mean 1.442
RMS 0.7846
size [# of strips]

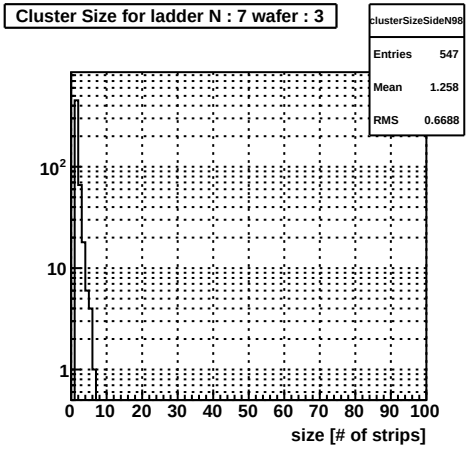

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

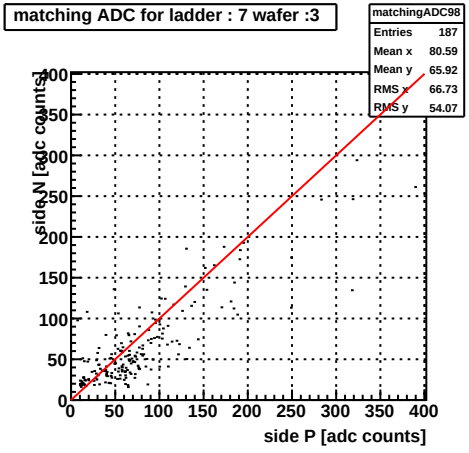

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

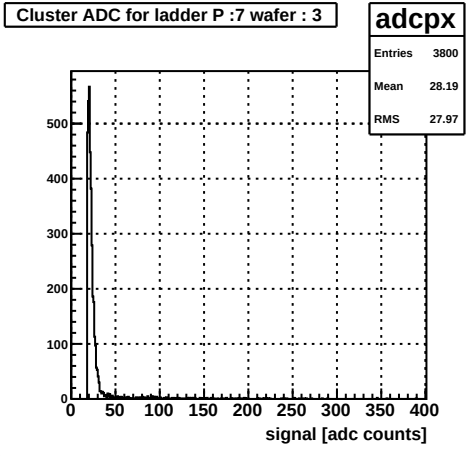

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 450
Mean 84.73
RMS 82.47
signal [adc counts]

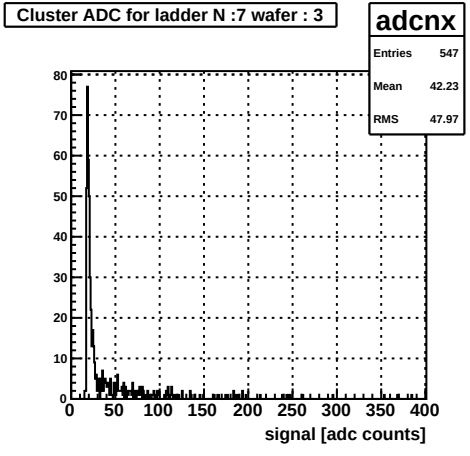

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

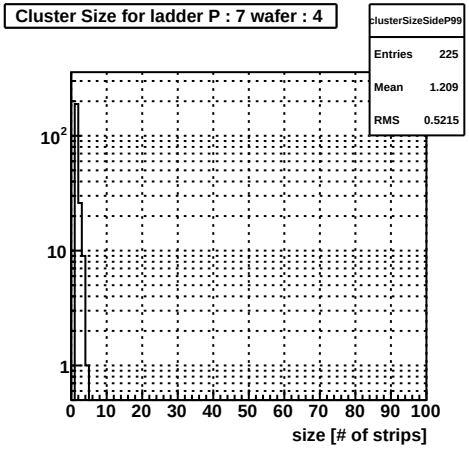

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 3800
Mean 1.047
RMS 0.2633
size [# of strips]

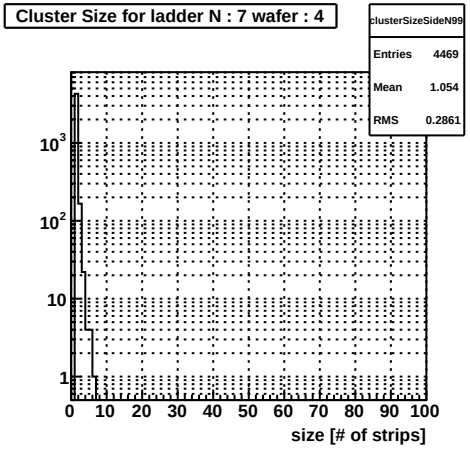

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 547
Mean 1.258
RMS 0.6688
size [# of strips]

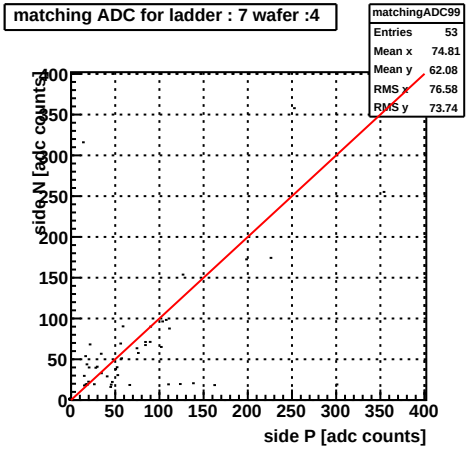

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 187
Mean x 80.59
Mean y 65.92
RMS x 66.73
RMS y 54.07
side N [adc counts]
side P [adc counts]

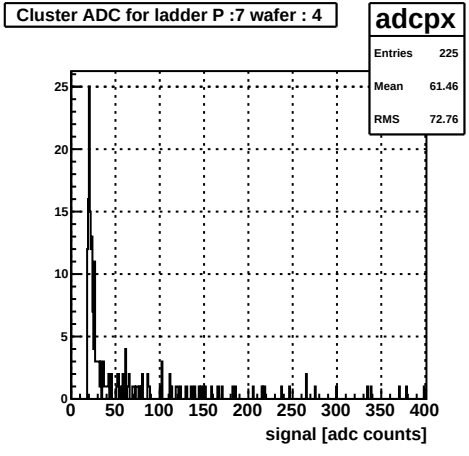

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 3800
Mean 28.19
RMS 27.97
signal [adc counts]

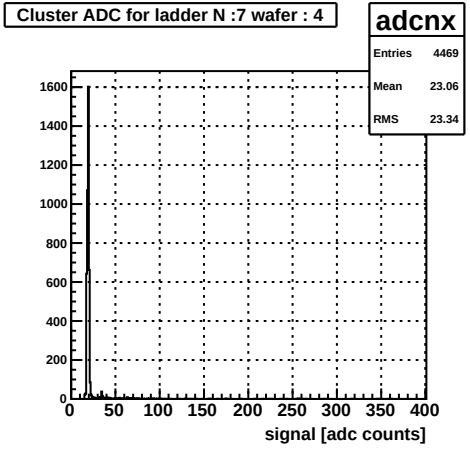

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 547
Mean 42.23
RMS 47.97
signal [adc counts]

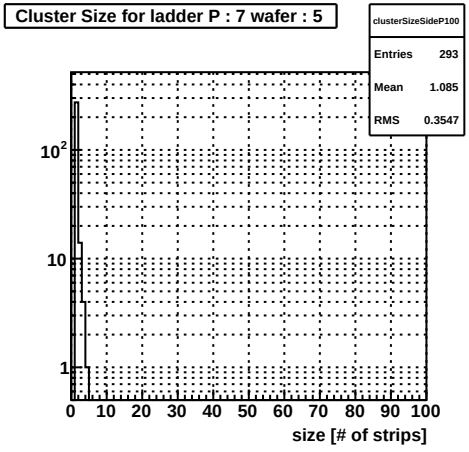

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 225
Mean 1.209
RMS 0.5215
size [# of strips]

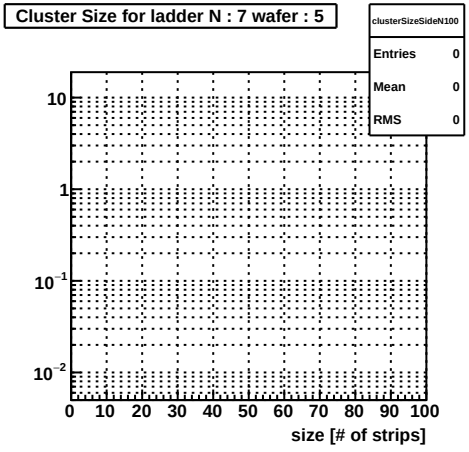

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 4469
Mean 1.054
RMS 0.2861
size [# of strips]

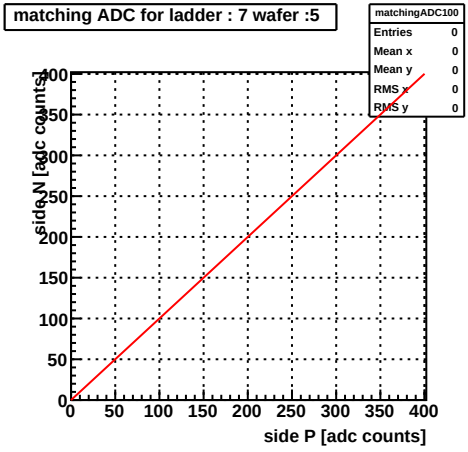

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 53
Mean x 74.81
Mean y 62.08
RMS x 76.58
RMS y 73.74
side N [adc counts]
side P [adc counts]

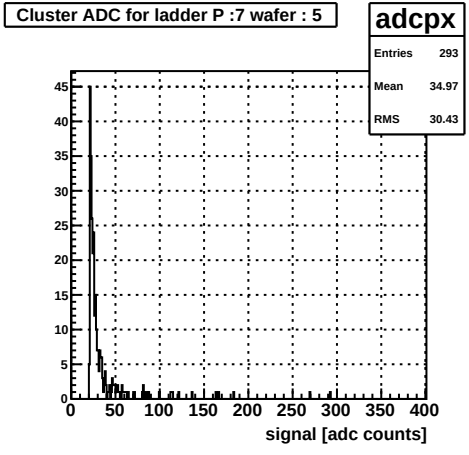

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 225
Mean 61.46
RMS 72.76
signal [adc counts]

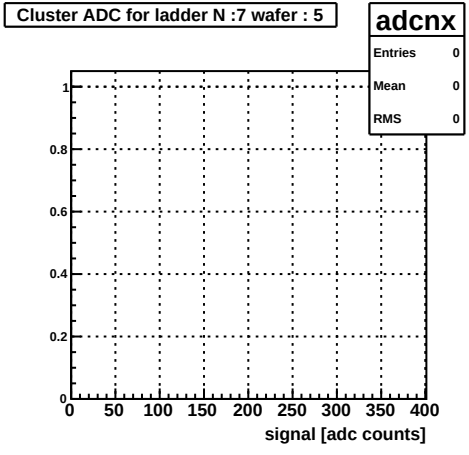

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 4469
Mean 23.06
RMS 23.34
signal [adc counts]

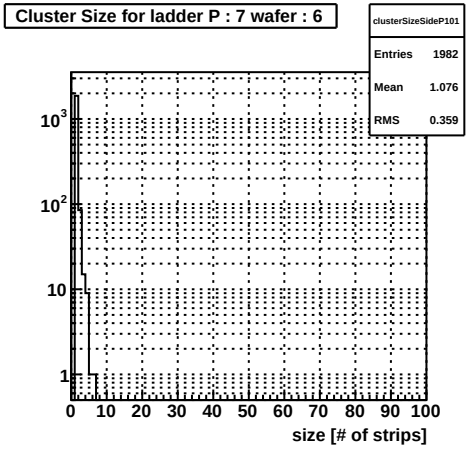

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 293
Mean 1.085
RMS 0.3547
size [# of strips]

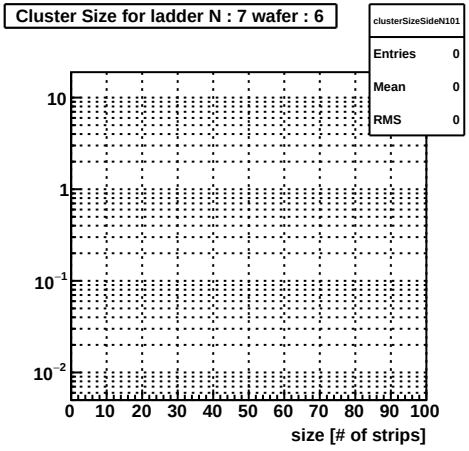

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

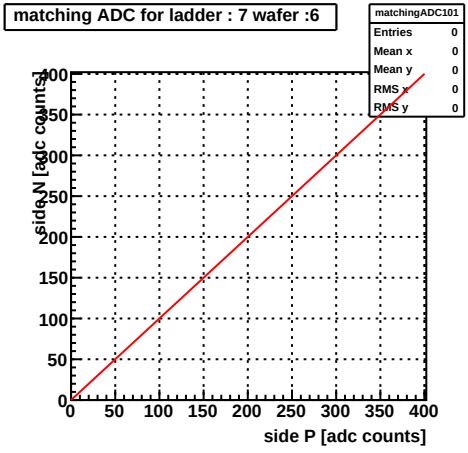

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

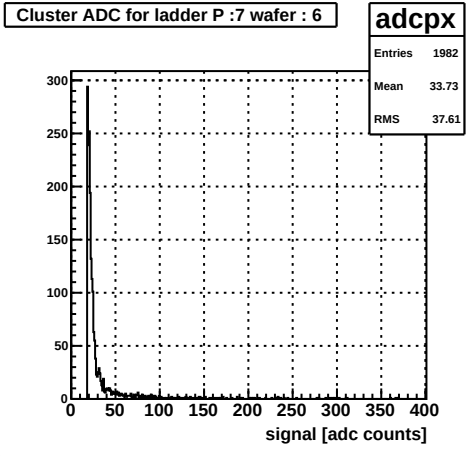

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 293
Mean 34.97
RMS 30.43
signal [adc counts]

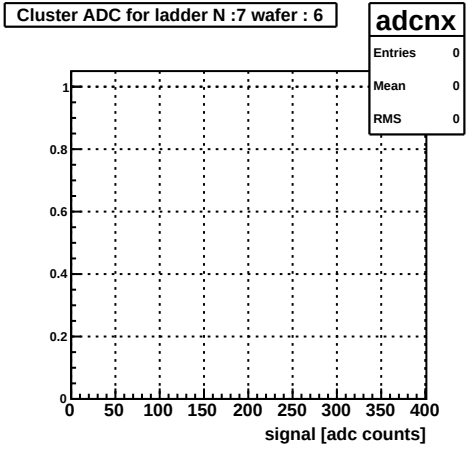

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

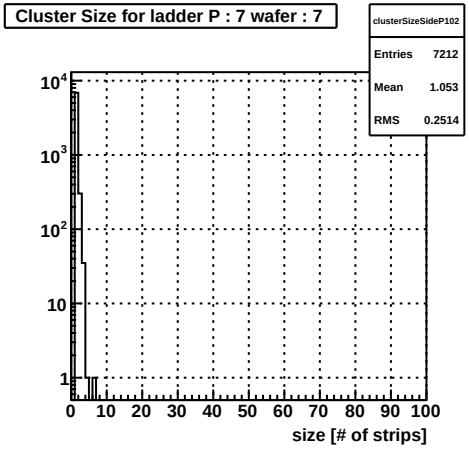

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 1982
Mean 1.076
RMS 0.359
size [# of strips]

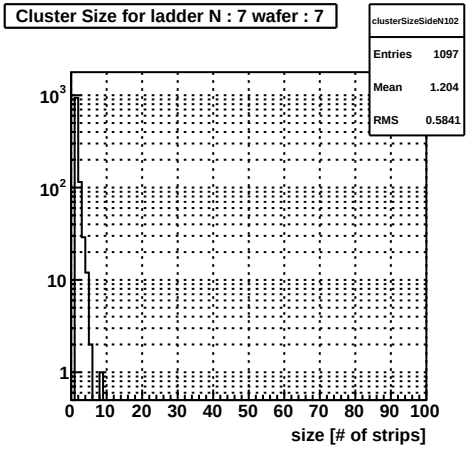

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

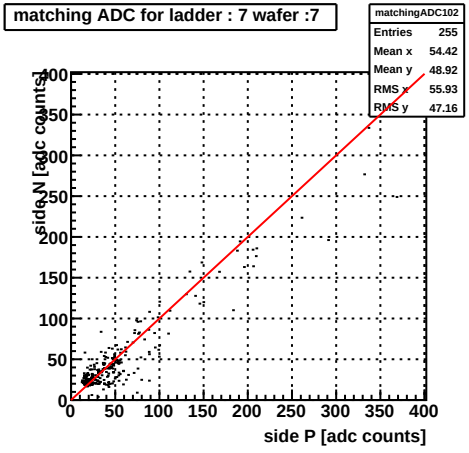

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

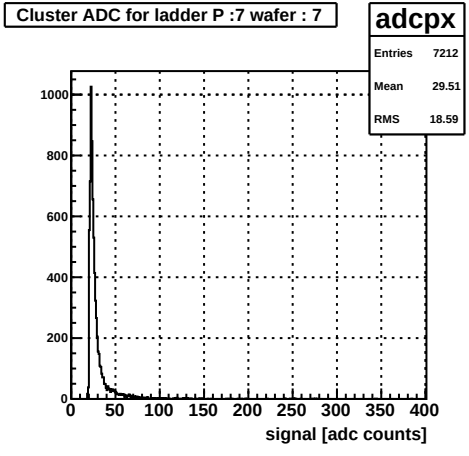

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 1982
Mean 33.73
RMS 37.61
signal [adc counts]

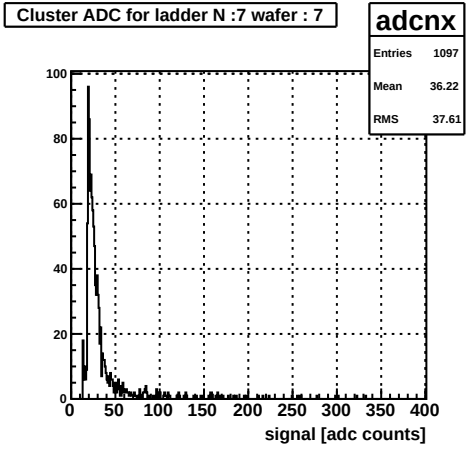

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

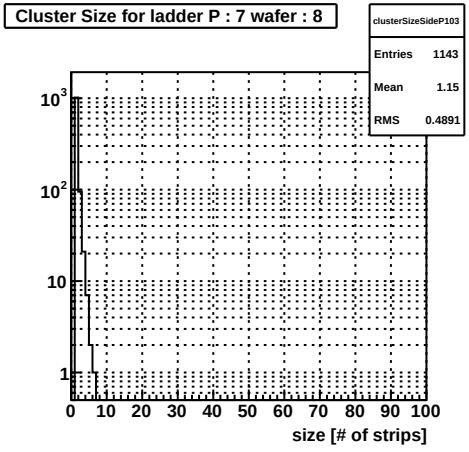

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 7212
Mean 1.053
RMS 0.2514
size [# of strips]

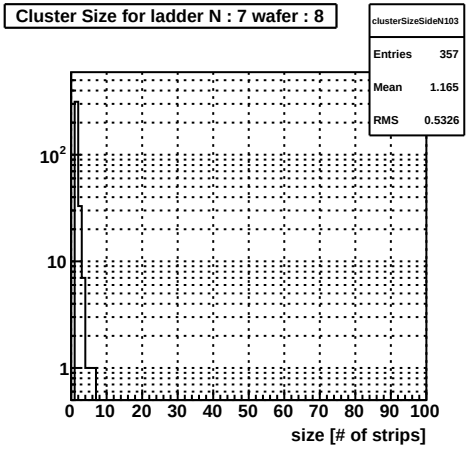

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 1097
Mean 1.204
RMS 0.5841
size [# of strips]

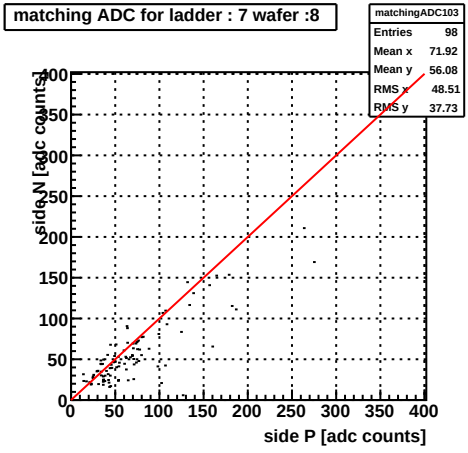

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 255
Mean x 54.42
Mean y 48.92
RMS x 55.93
RMS y 47.16
side N [adc counts]
side P [adc counts]

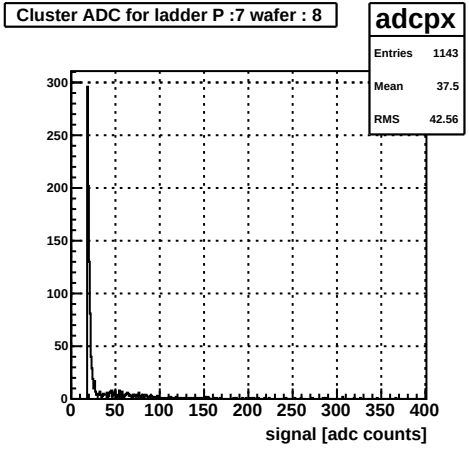

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 7212
Mean 29.51
RMS 18.59
signal [adc counts]

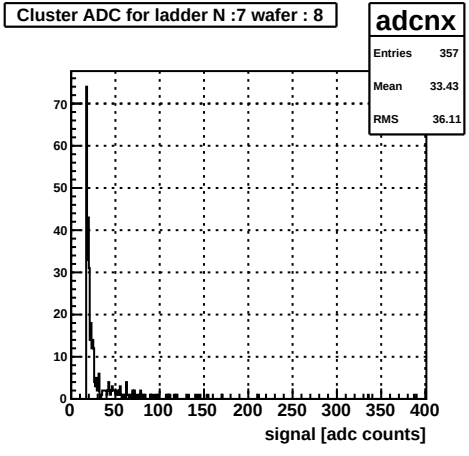

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 1097
Mean 36.22
RMS 37.61
signal [adc counts]

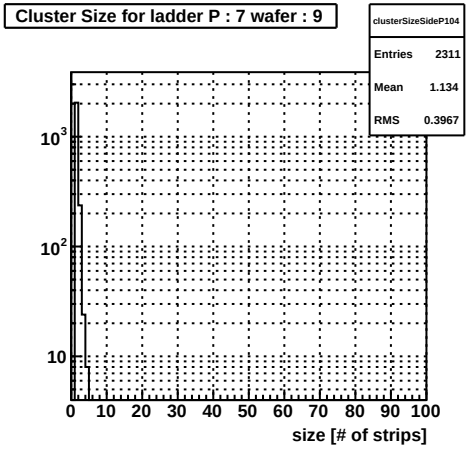

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 1143
Mean 1.15
RMS 0.4891
size [# of strips]

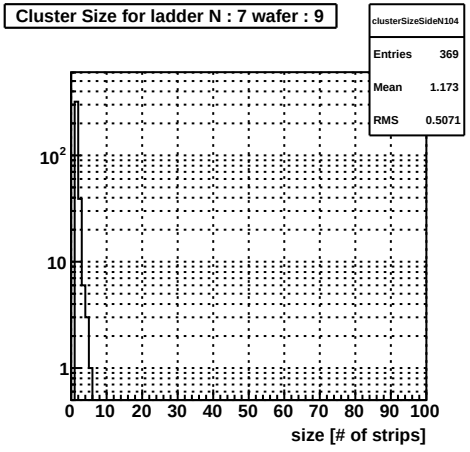

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 357
Mean 1.165
RMS 0.5326
size [# of strips]

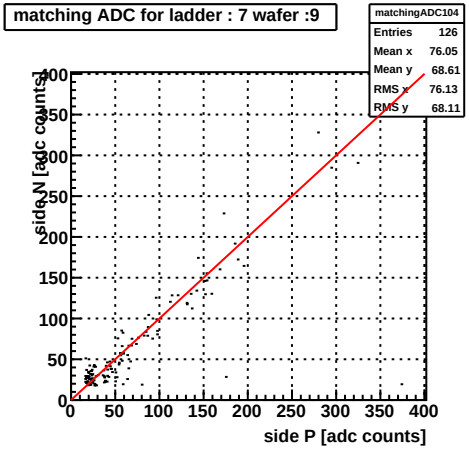

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 98
Mean x 71.92
Mean y 56.08
RMS x 48.51
RMS y 37.73
side N [adc counts]
side P [adc counts]

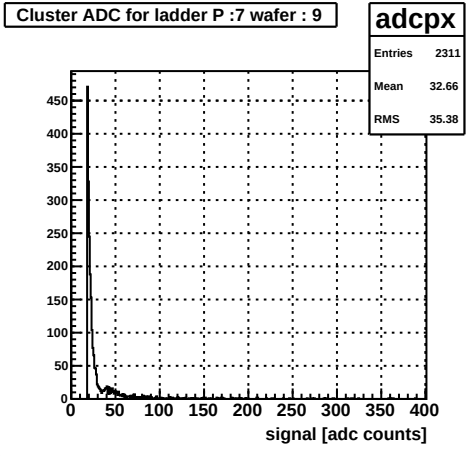

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 1143
Mean 37.5
RMS 42.56
signal [adc counts]

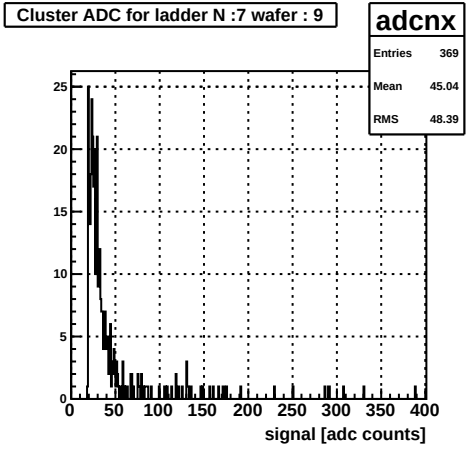

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 357
Mean 33.43
RMS 36.11
signal [adc counts]

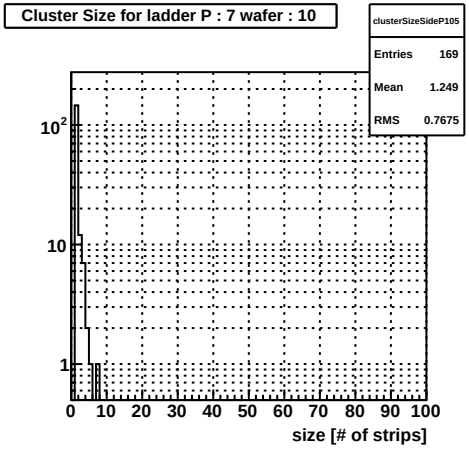

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 2311
Mean 1.134
RMS 0.3967
size [# of strips]

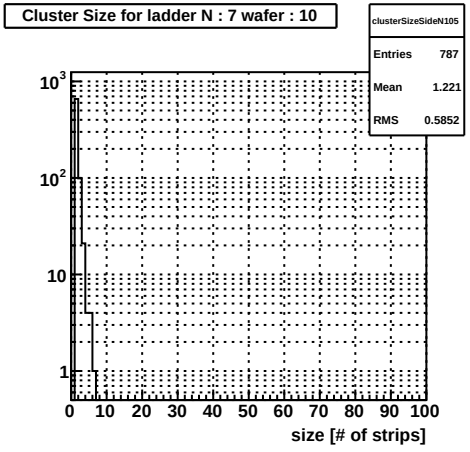

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 369
Mean 1.173
RMS 0.5071
size [# of strips]

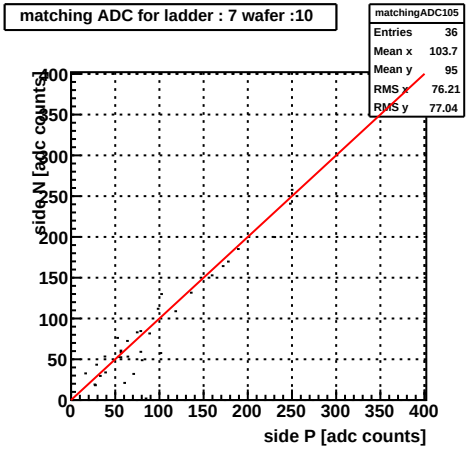

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 126
Mean x 76.05
Mean y 68.61
RMS x 76.13
RMS y 68.11
side N [adc counts]
side P [adc counts]

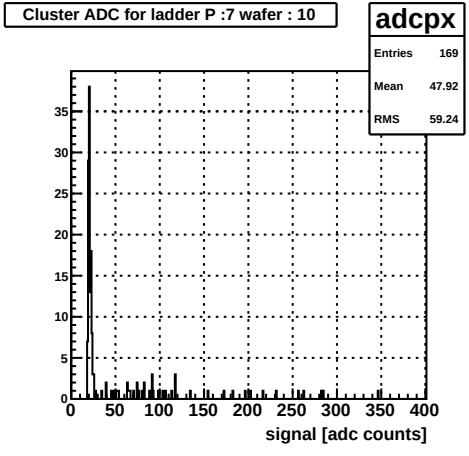

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 2311
Mean 32.66
RMS 35.38
signal [adc counts]

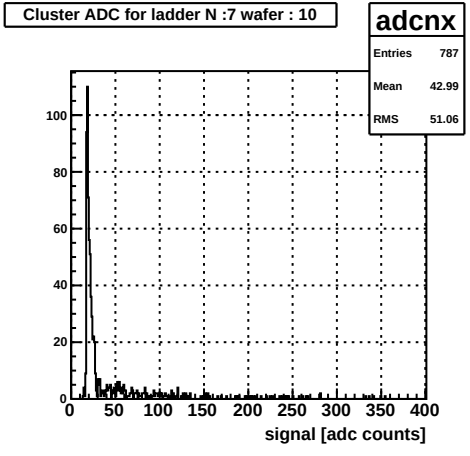

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 369
Mean 45.04
RMS 48.39
signal [adc counts]

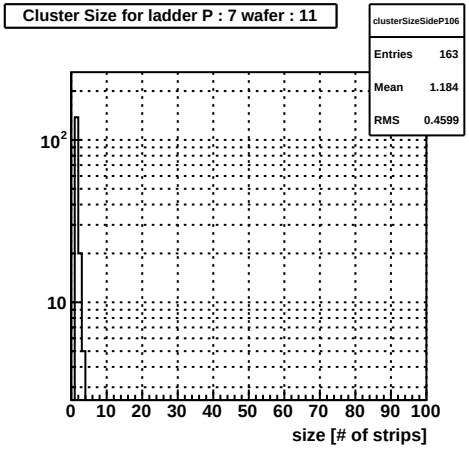

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 169
Mean 1.249
RMS 0.7675
size [# of strips]

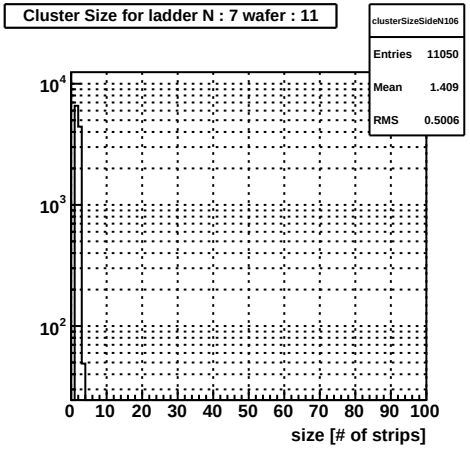

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 787
Mean 1.221
RMS 0.5852
size [# of strips]

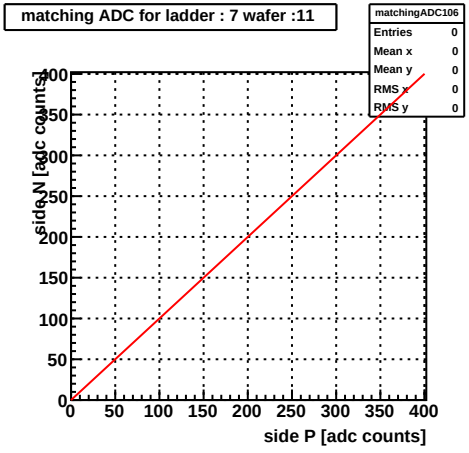

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 36
Mean x 103.7
Mean y 95
RMS x 76.21
RMS y 77.04
side N [adc counts]
side P [adc counts]

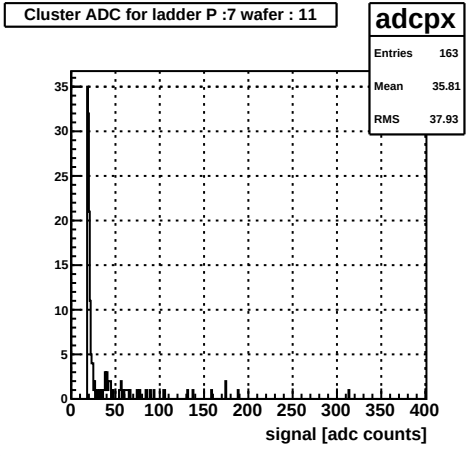

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 169
Mean 47.92
RMS 59.24
signal [adc counts]

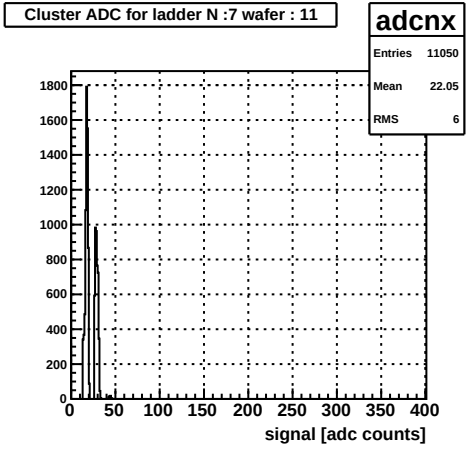

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 787
Mean 42.99
RMS 51.06
signal [adc counts]

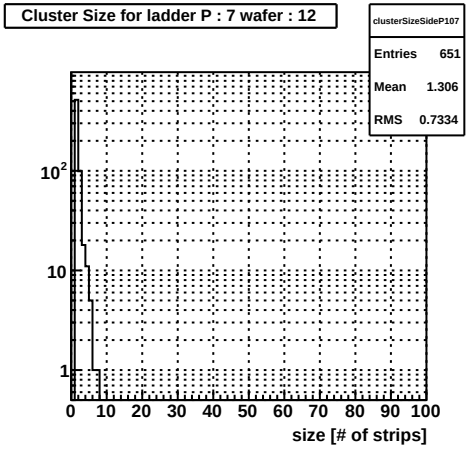

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 163
Mean 1.184
RMS 0.4599
size [# of strips]

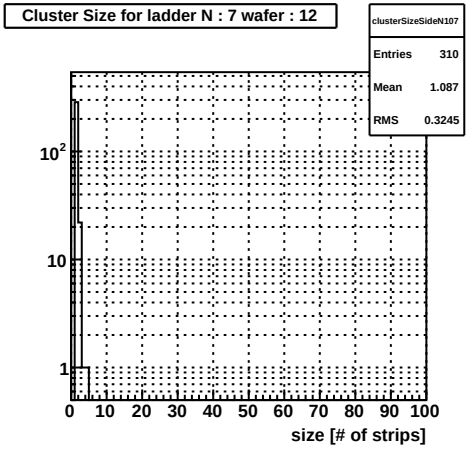

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 11050
Mean 1.409
RMS 0.5006
size [# of strips]

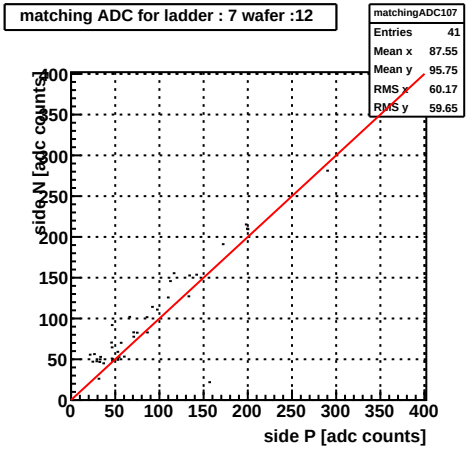

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

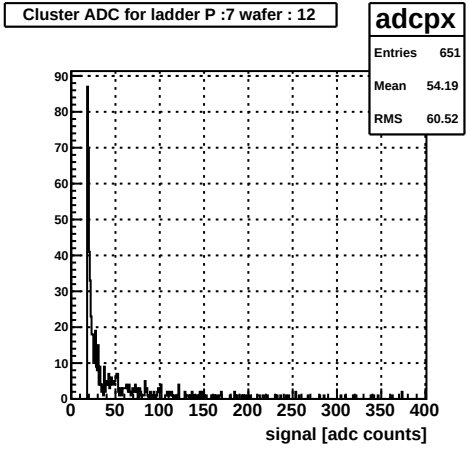

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 163
Mean 35.81
RMS 37.93
signal [adc counts]

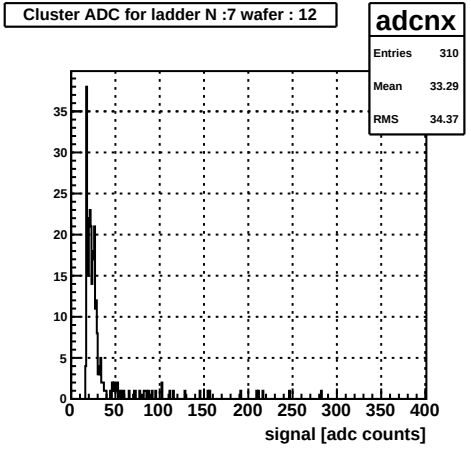

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 11050
Mean 22.05
RMS 6
signal [adc counts]

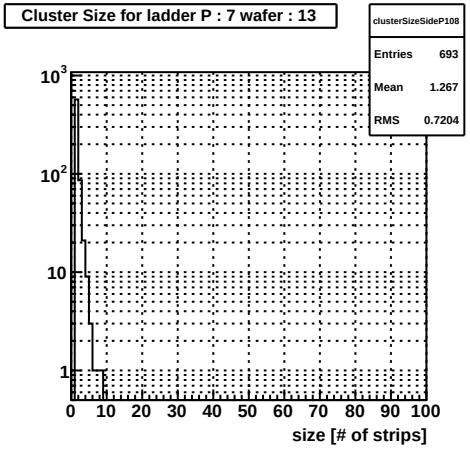

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 651
Mean 1.306
RMS 0.7334
size [# of strips]

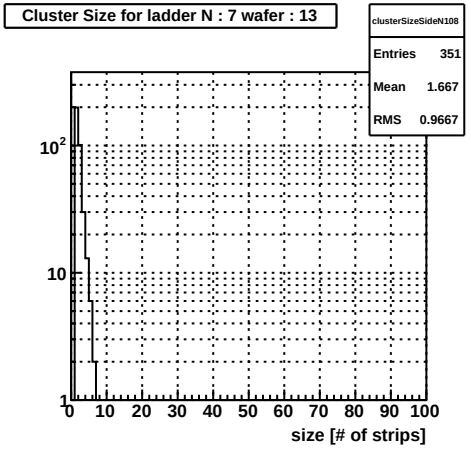

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 310
Mean 1.087
RMS 0.3245
size [# of strips]

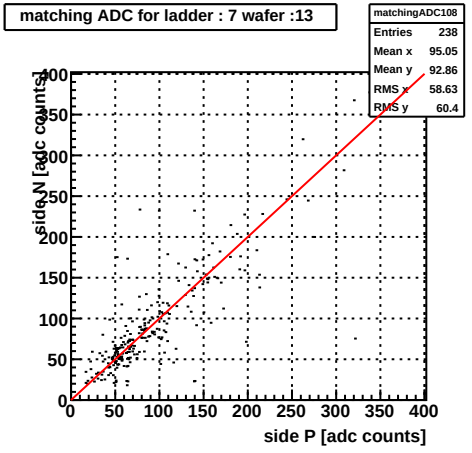

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 41
Mean x 87.55
Mean y 95.75
RMS x 60.17
RMS y 59.65
side N [adc counts]
side P [adc counts]

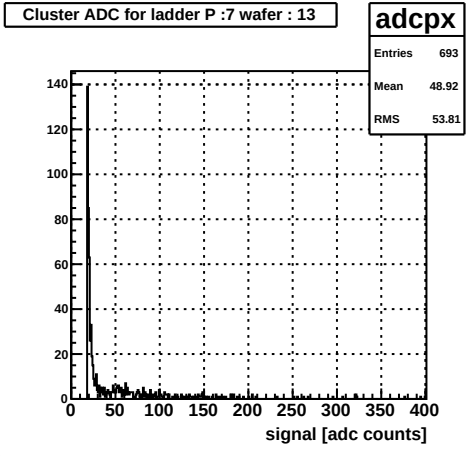

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 651
Mean 54.19
RMS 60.52
signal [adc counts]

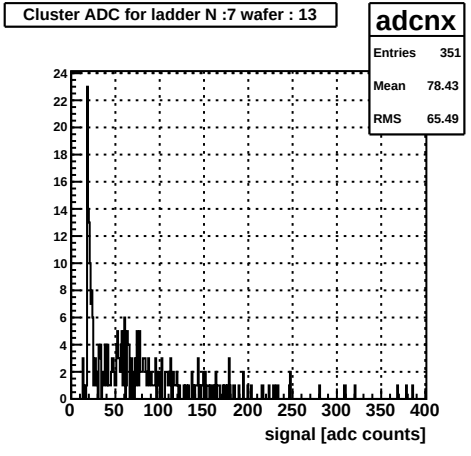

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 310
Mean 33.29
RMS 34.37
signal [adc counts]

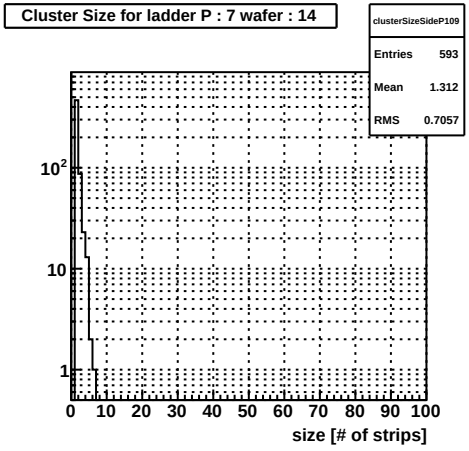

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 693
Mean 1.267
RMS 0.7204
size [# of strips]

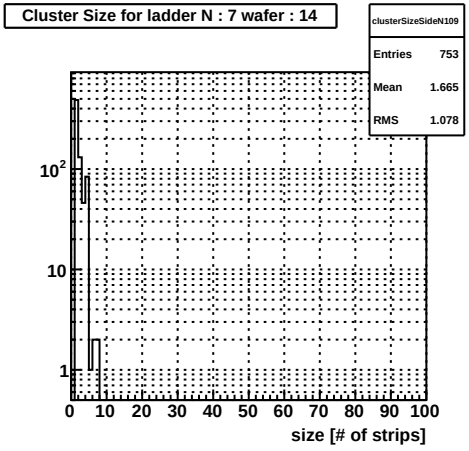

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 351
Mean 1.667
RMS 0.9667
size [# of strips]

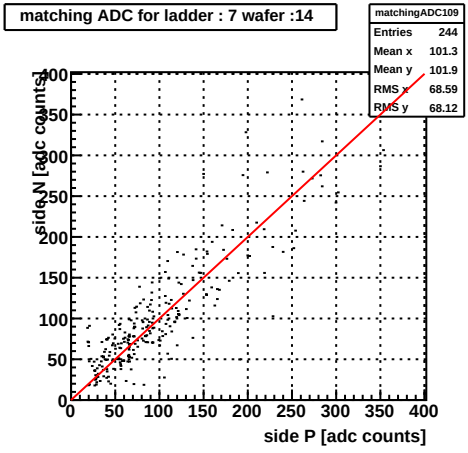

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 238
Mean x 95.05
Mean y 92.86
RMS x 58.63
RMS y 60.4
side N [adc counts]
side P [adc counts]

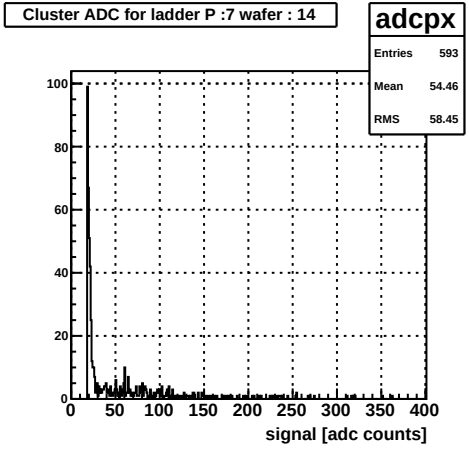

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 693
Mean 48.92
RMS 53.81
signal [adc counts]

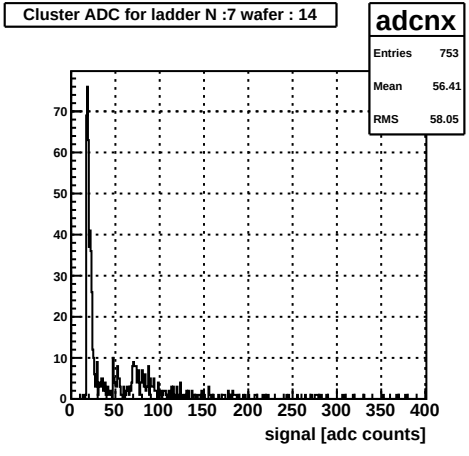

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 351
Mean 78.43
RMS 65.49
signal [adc counts]

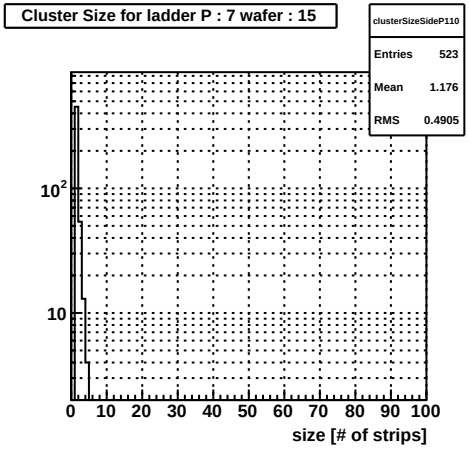

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 593
Mean 1.312
RMS 0.7057
size [# of strips]

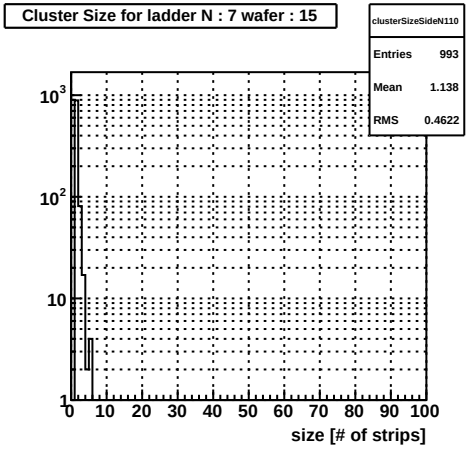

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 753
Mean 1.665
RMS 1.078
size [# of strips]

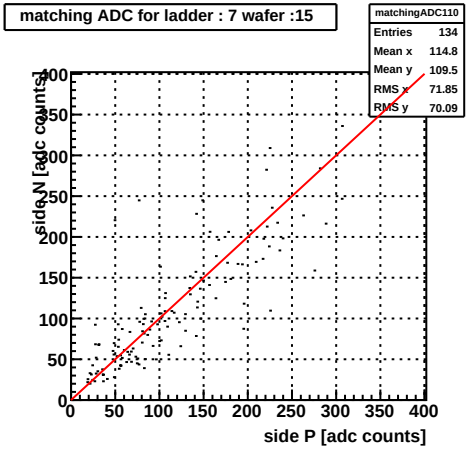

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 244
Mean x 101.3
Mean y 101.9
RMS x 68.59
RMS y 68.12
side N [adc counts]
side P [adc counts]

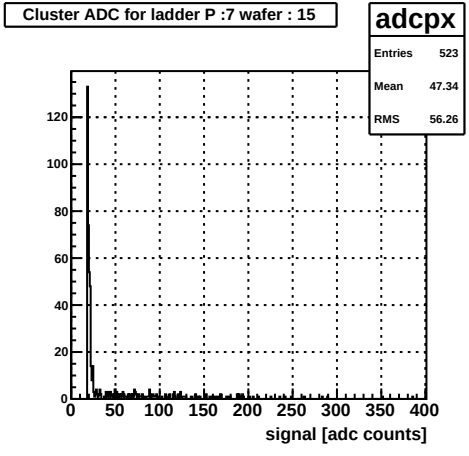

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 593
Mean 54.46
RMS 58.45
signal [adc counts]

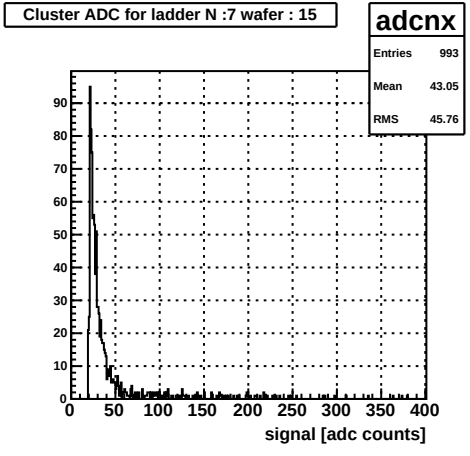

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 753
Mean 56.41
RMS 58.05
signal [adc counts]

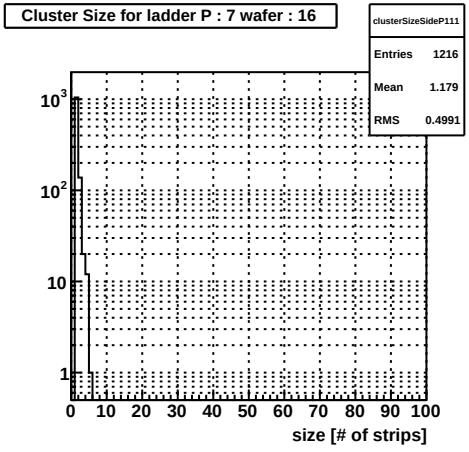

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 523
Mean 1.176
RMS 0.4905
size [# of strips]

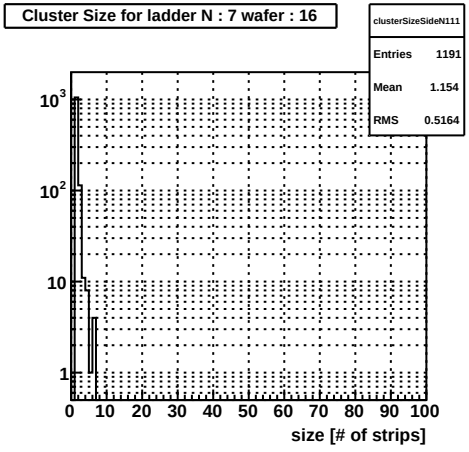

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 993
Mean 1.138
RMS 0.4622
size [# of strips]

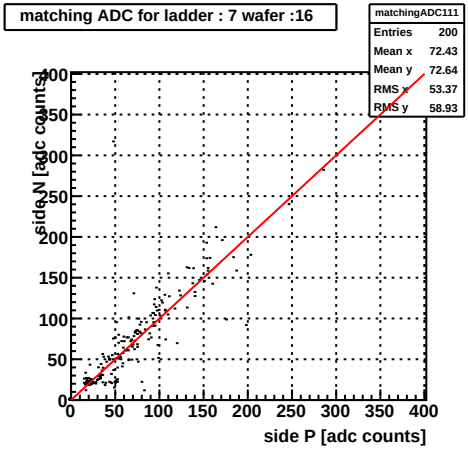

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 134
Mean x 114.8
Mean y 109.5
RMS x 71.85
RMS y 70.09
side N [adc counts]
side P [adc counts]

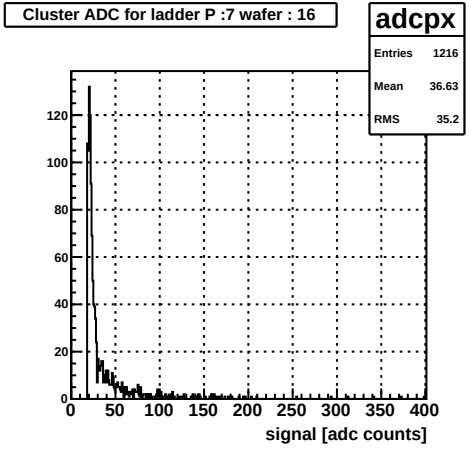

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 523
Mean 47.34
RMS 56.26
signal [adc counts]

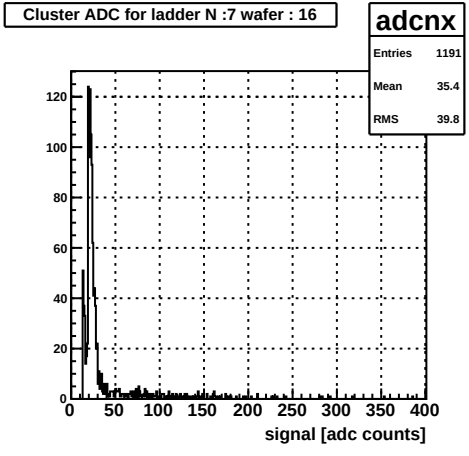

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 993
Mean 43.05
RMS 45.76
signal [adc counts]

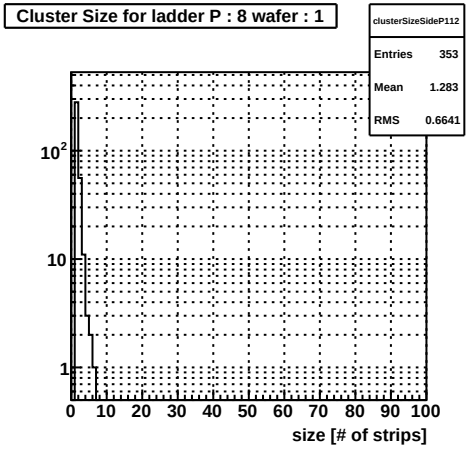

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 1216
Mean 1.179
RMS 0.4991
size [# of strips]

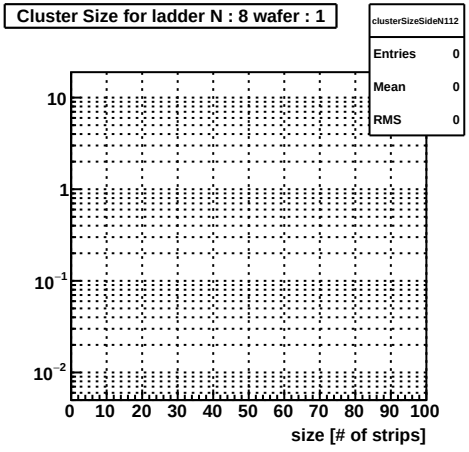

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 1191
Mean 1.154
RMS 0.5164
size [# of strips]

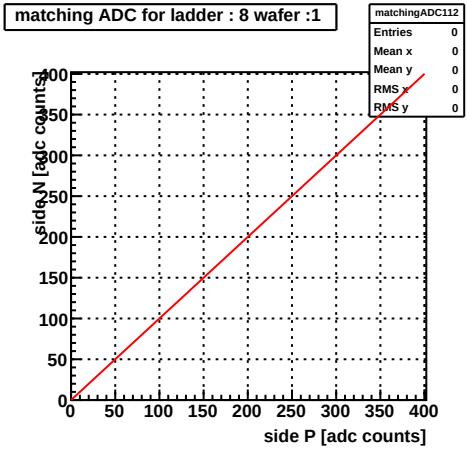

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 200
Mean x 72.43
Mean y 72.64
RMS x 53.37
RMS y 58.93
side N [adc counts]
side P [adc counts]

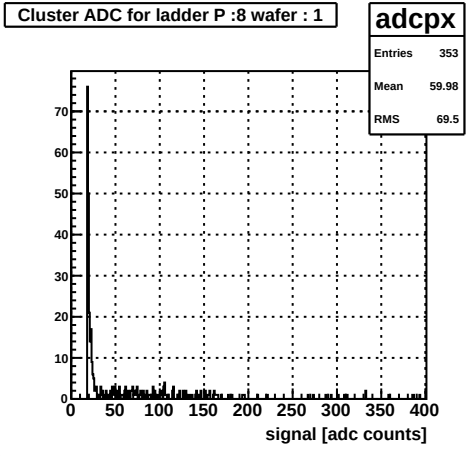

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 1216
Mean 36.63
RMS 35.2
signal [adc counts]

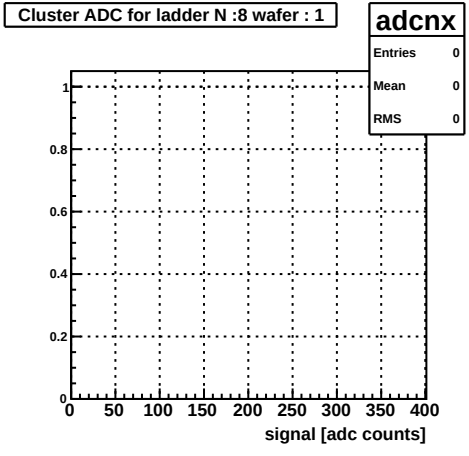

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 1191
Mean 35.4
RMS 39.8
signal [adc counts]

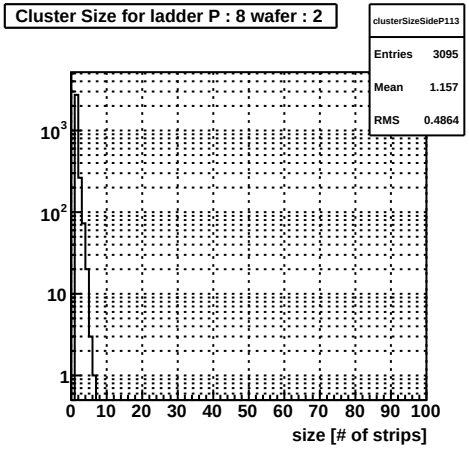

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 353
Mean 1.283
RMS 0.6641
size [# of strips]

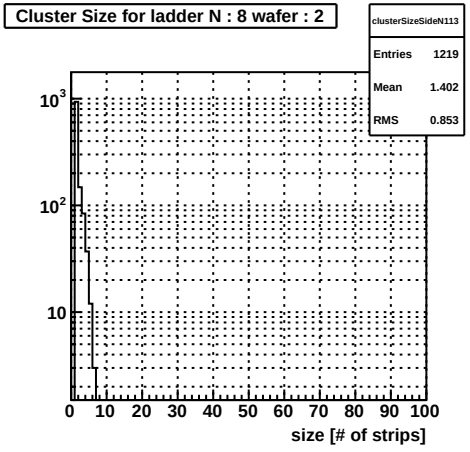

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

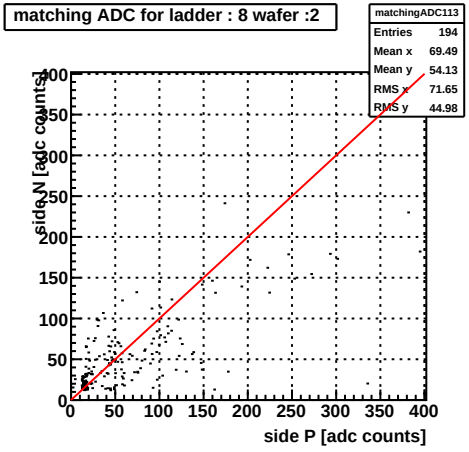

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

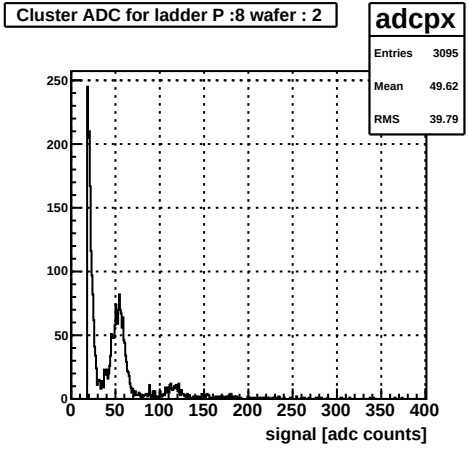

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 353
Mean 59.98
RMS 69.5
signal [adc counts]

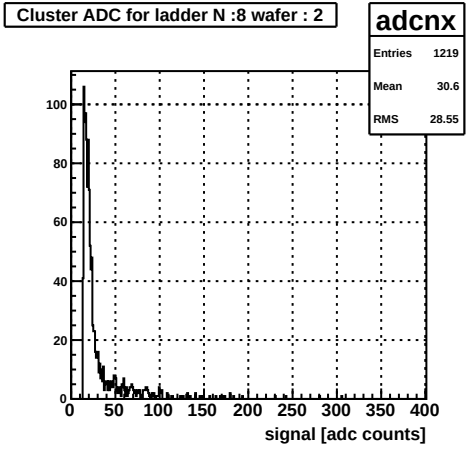

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

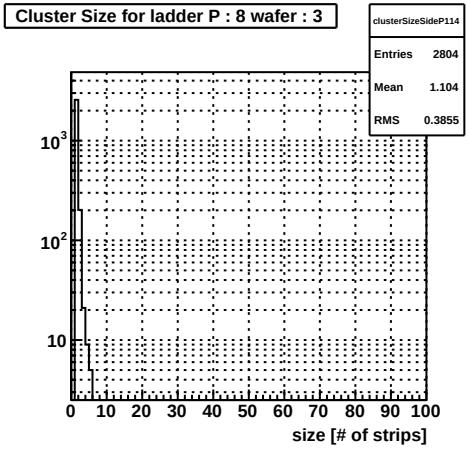

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 3095
Mean 1.157
RMS 0.4864
size [# of strips]

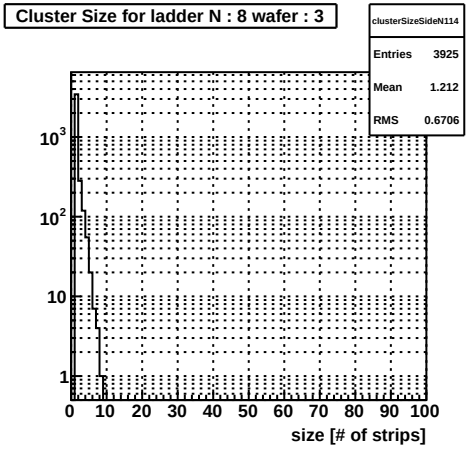

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 1219
Mean 1.402
RMS 0.853
size [# of strips]

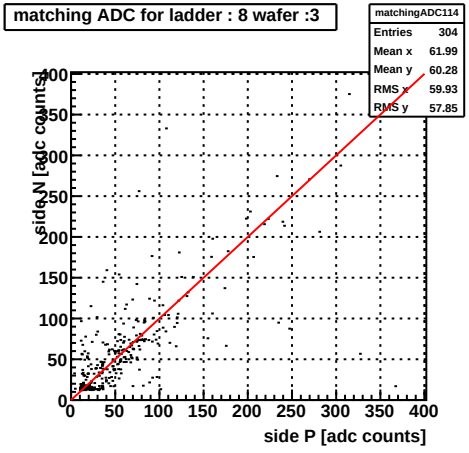

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 194
Mean x 69.49
Mean y 54.13
RMS x 71.65
RMS y 44.98
side N [adc counts]
side P [adc counts]

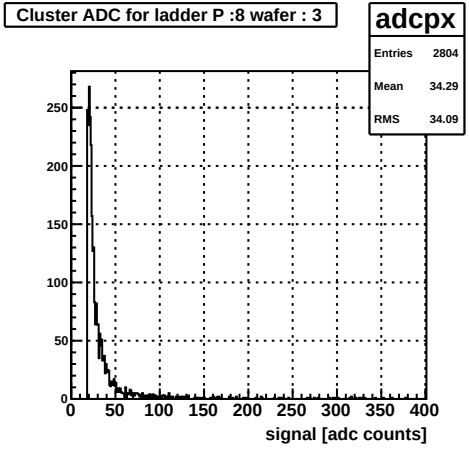

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 3095
Mean 49.62
RMS 39.79
signal [adc counts]

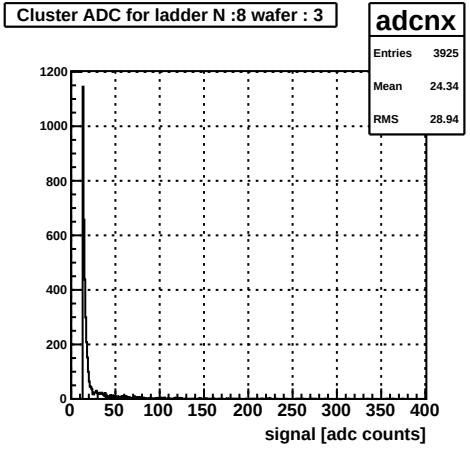

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 1219
Mean 30.6
RMS 28.55
signal [adc counts]

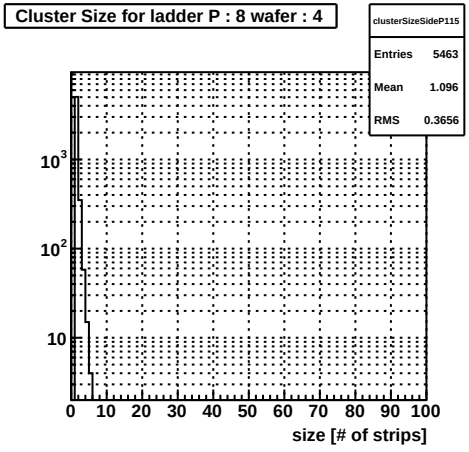

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 2804
Mean 1.104
RMS 0.3855
size [# of strips]

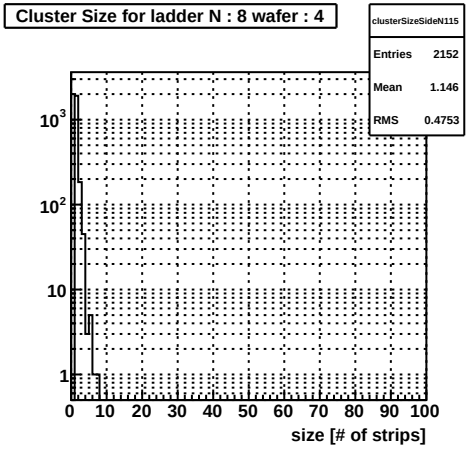

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 3925
Mean 1.212
RMS 0.6706
size [# of strips]

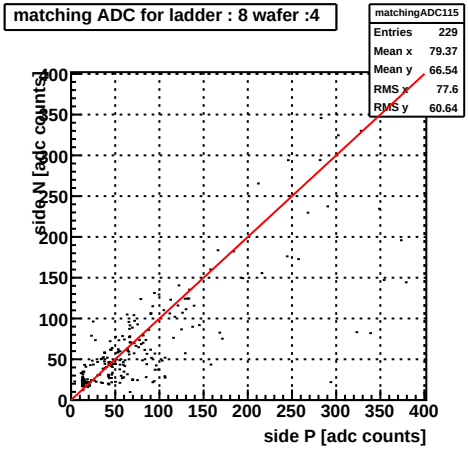

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 304
Mean x 61.99
Mean y 60.28
RMS x 59.93
RMS y 57.85
side N [adc counts]
side P [adc counts]

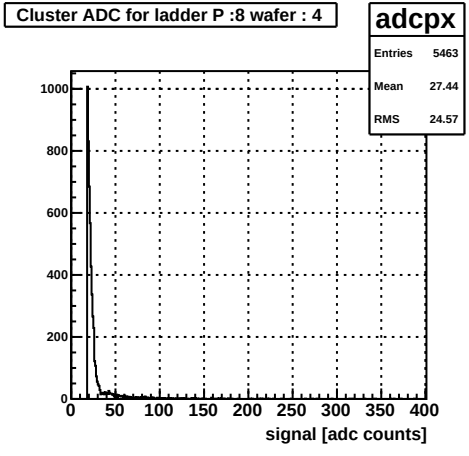

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 2804
Mean 34.29
RMS 34.09
signal [adc counts]

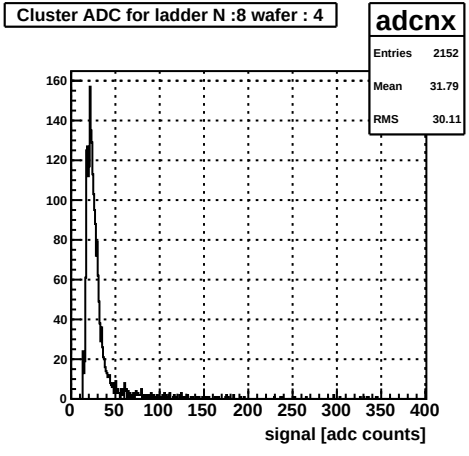

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 3925
Mean 24.34
RMS 28.94
signal [adc counts]

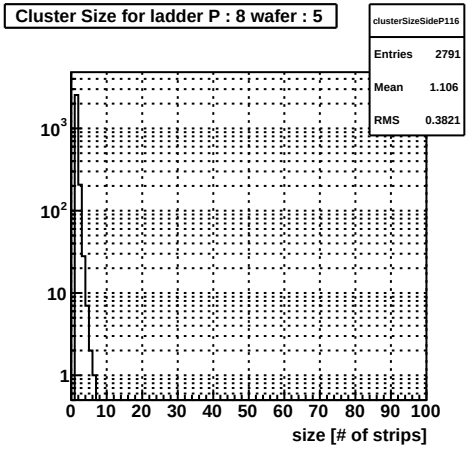

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 5463
Mean 1.096
RMS 0.3656
size [# of strips]

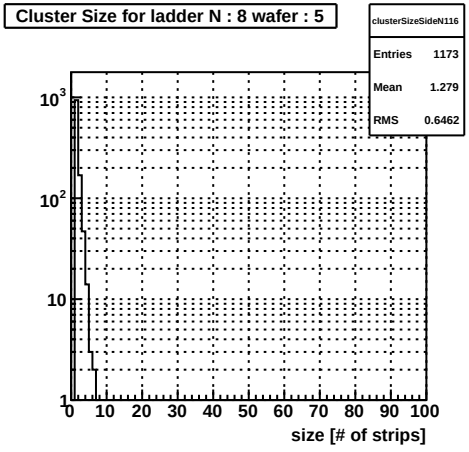

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 2152
Mean 1.146
RMS 0.4753
size [# of strips]

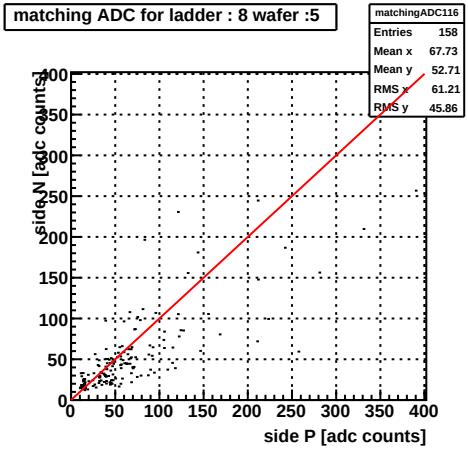

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 229
Mean x 79.37
Mean y 66.54
RMS x 77.6
RMS y 60.64
side N [adc counts]
side P [adc counts]

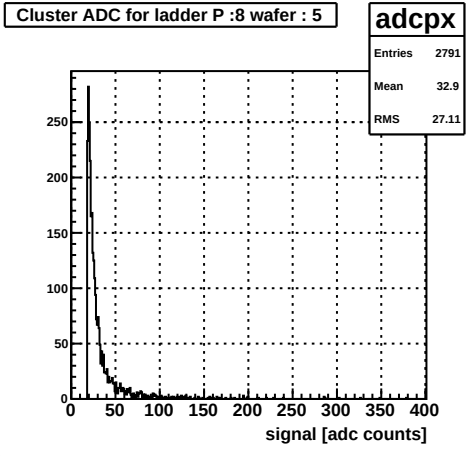

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 5463
Mean 27.44
RMS 24.57
signal [adc counts]

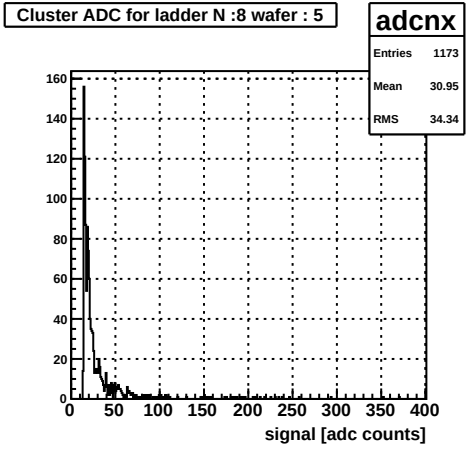

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 2152
Mean 31.79
RMS 30.11
signal [adc counts]

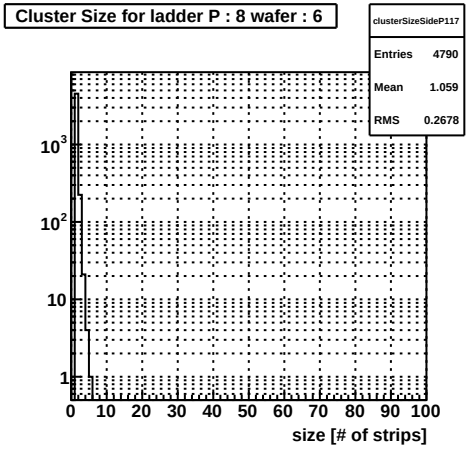

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 2791
Mean 1.106
RMS 0.3821
size [# of strips]

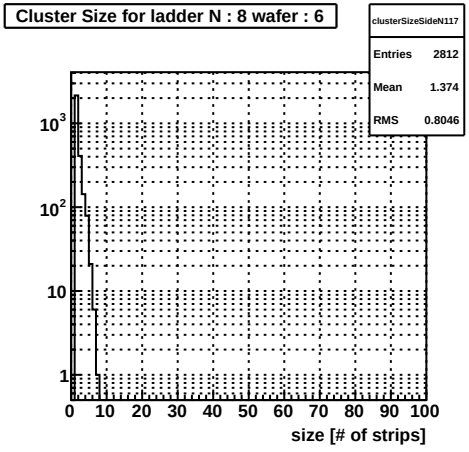

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 1173
Mean 1.279
RMS 0.6462
size [# of strips]

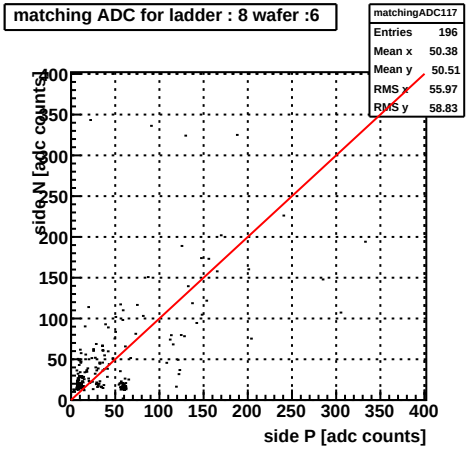

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 158
Mean x 67.73
Mean y 52.71
RMS x 61.21
RMS y 45.86
side N [adc counts]
side P [adc counts]

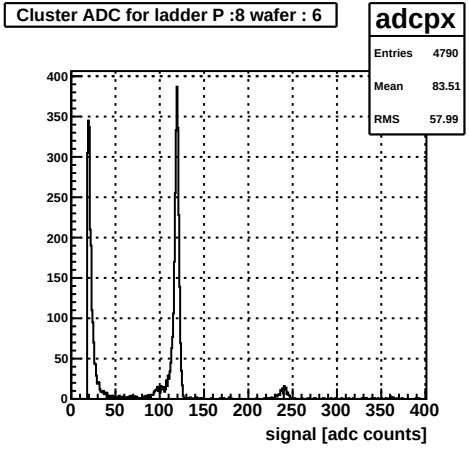

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 2791
Mean 32.9
RMS 27.11
signal [adc counts]

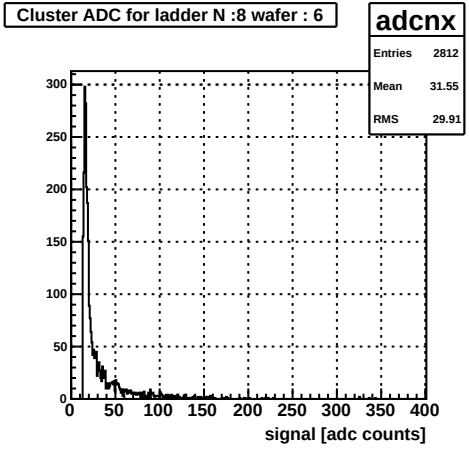

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 1173
Mean 30.95
RMS 34.34
signal [adc counts]

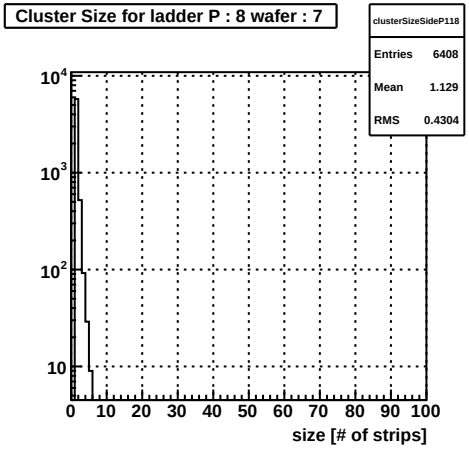

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 4790
Mean 1.059
RMS 0.2678
size [# of strips]

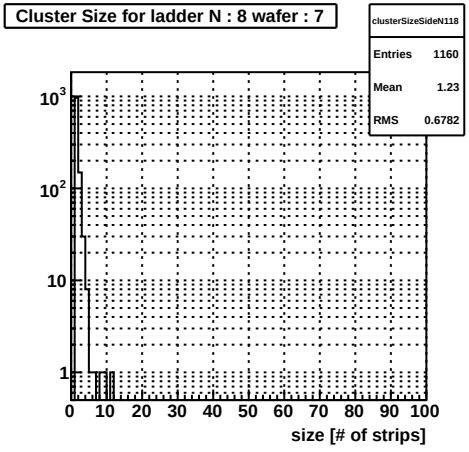

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 2812
Mean 1.374
RMS 0.8046
size [# of strips]

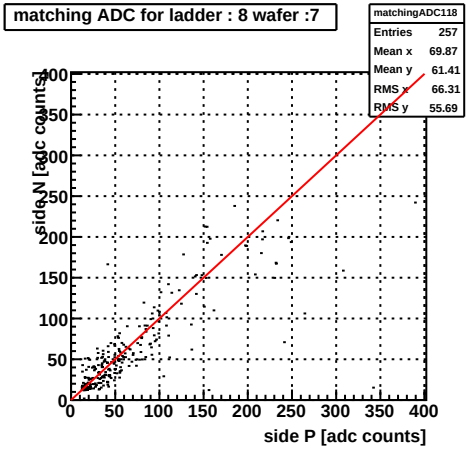

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 196
Mean x 50.38
Mean y 50.51
RMS x 55.97
RMS y 58.83
side N [adc counts]
side P [adc counts]

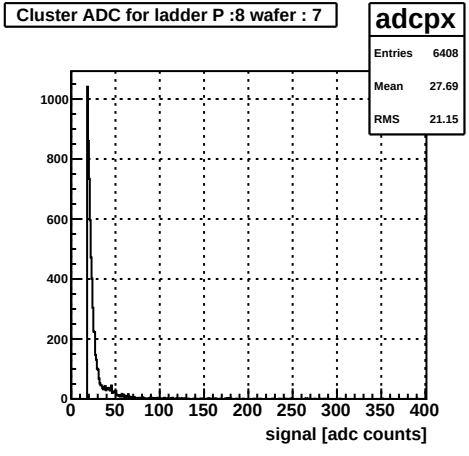

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 4790
Mean 83.51
RMS 57.99
signal [adc counts]

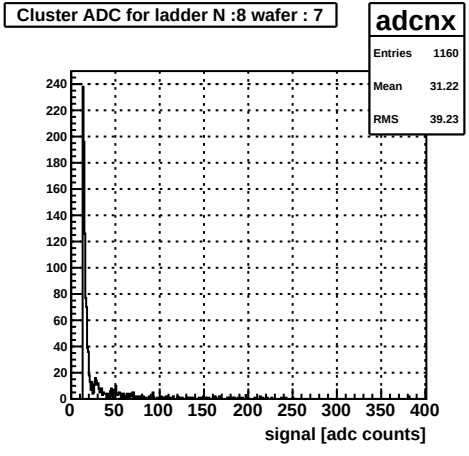

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 2812
Mean 31.55
RMS 29.91
signal [adc counts]

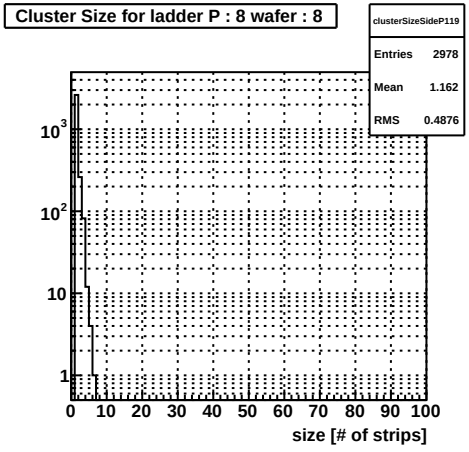

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 6408
Mean 1.129
RMS 0.4304
size [# of strips]

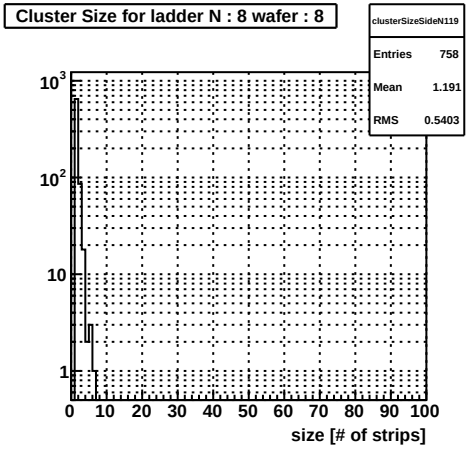

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 1160
Mean 1.23
RMS 0.6782
size [# of strips]

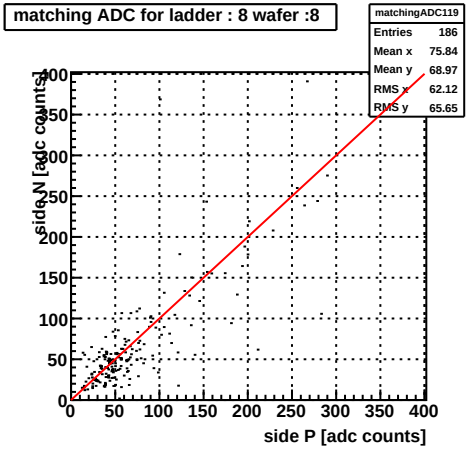

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 257
Mean x 69.87
Mean y 61.41
RMS x 66.31
RMS y 55.69
side N [adc counts]
side P [adc counts]

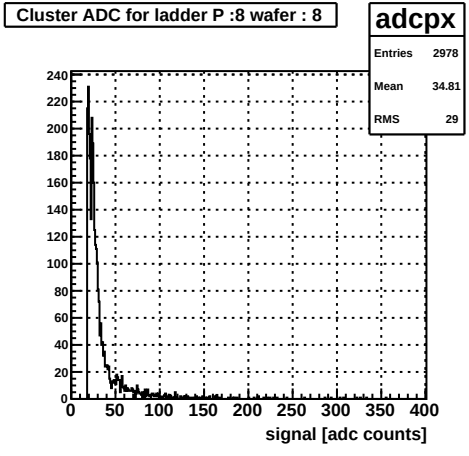

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 6408
Mean 27.69
RMS 21.15
signal [adc counts]

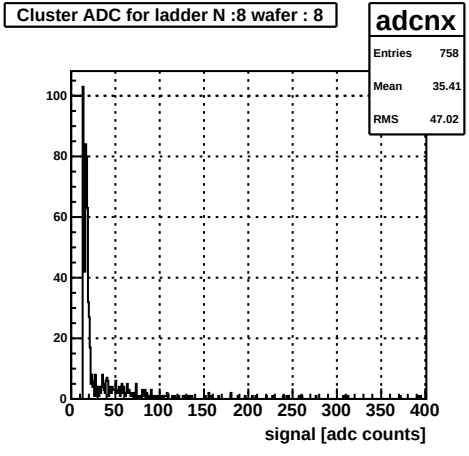

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 1160
Mean 31.22
RMS 39.23
signal [adc counts]

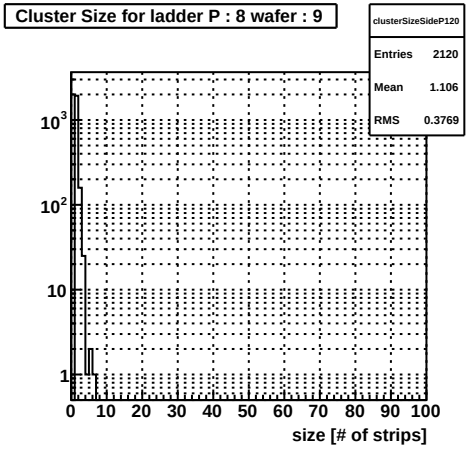

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 2978
Mean 1.162
RMS 0.4876
size [# of strips]

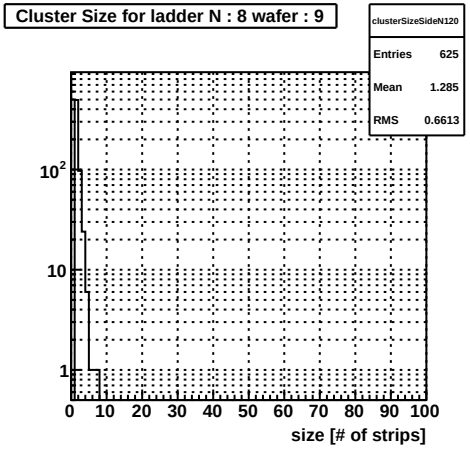

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 758
Mean 1.191
RMS 0.5403
size [# of strips]

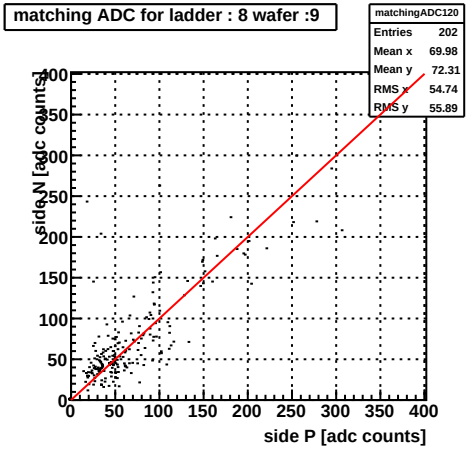

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 186
Mean x 75.84
Mean y 68.97
RMS x 62.12
RMS y 65.65
side N [adc counts]
side P [adc counts]

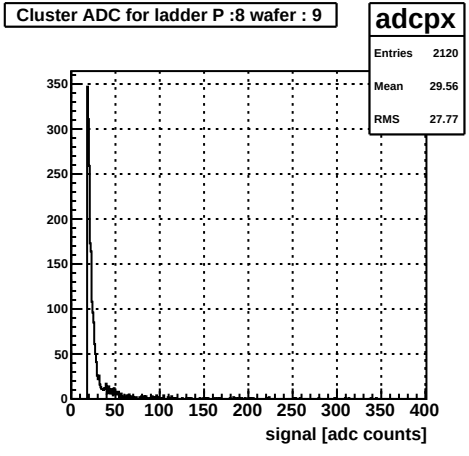

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 2978
Mean 34.81
RMS 29
signal [adc counts]

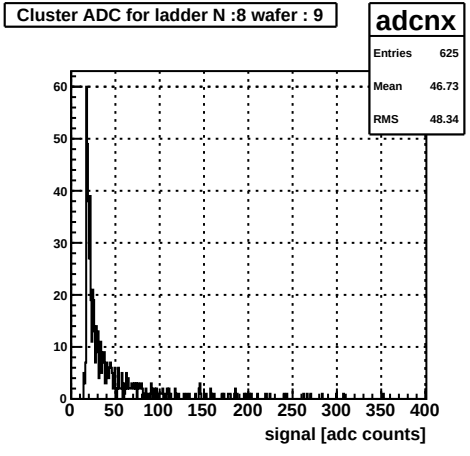

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 758
Mean 35.41
RMS 47.02
signal [adc counts]

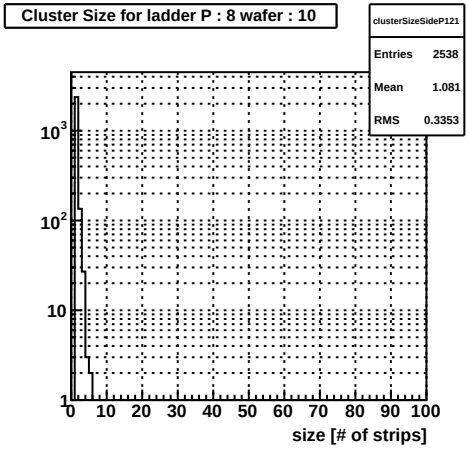

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 2120
Mean 1.106
RMS 0.3769
size [# of strips]

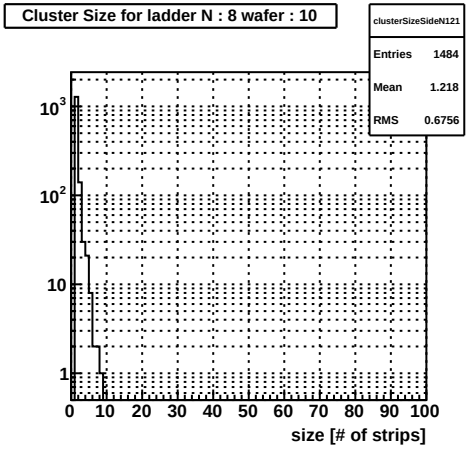

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 625
Mean 1.285
RMS 0.6613
size [# of strips]

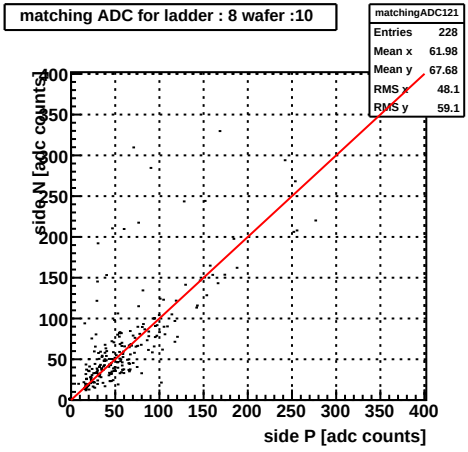

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 202
Mean x 69.98
Mean y 72.31
RMS x 54.74
RMS y 55.89
side N [adc counts]
side P [adc counts]

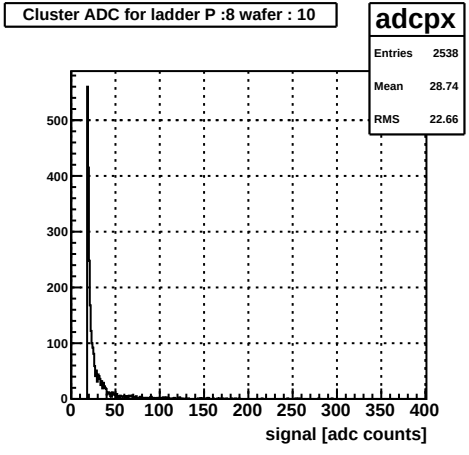

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 2120
Mean 29.56
RMS 27.77
signal [adc counts]

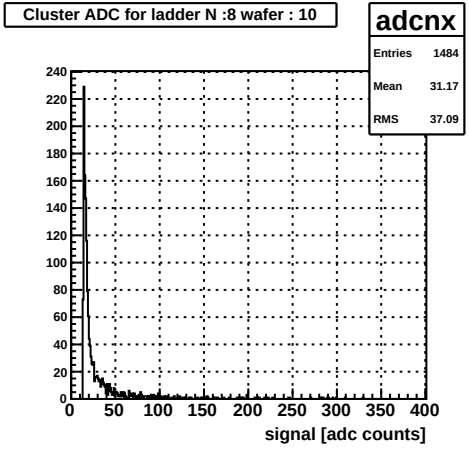

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 625
Mean 46.73
RMS 48.34
signal [adc counts]

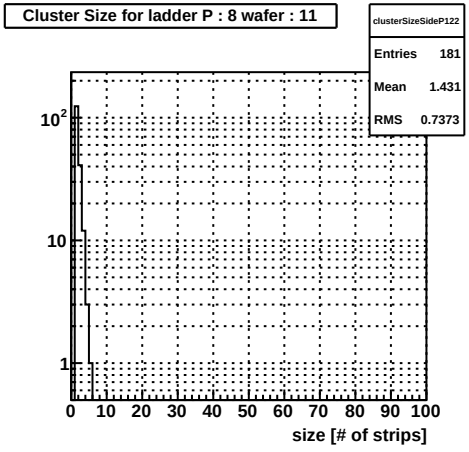

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 2538
Mean 1.081
RMS 0.3353
size [# of strips]

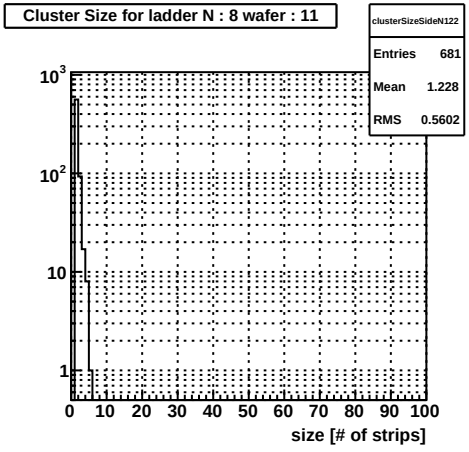

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 1484
Mean 1.218
RMS 0.6756
size [# of strips]

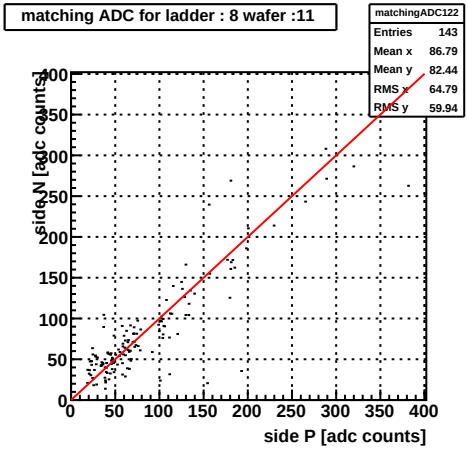

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 228
Mean x 61.98
Mean y 67.68
RMS x 48.1
RMS y 59.1
side N [adc counts]
side P [adc counts]

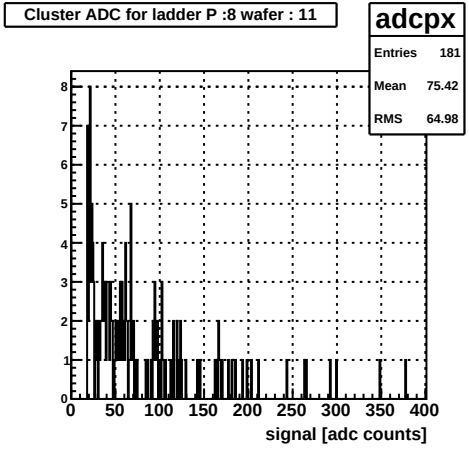

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 2538
Mean 28.74
RMS 22.66
signal [adc counts]

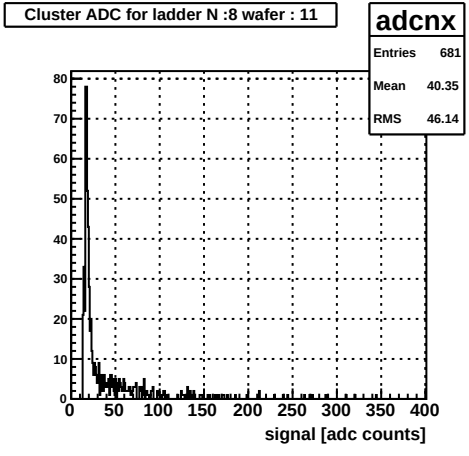

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 1484
Mean 31.17
RMS 37.09
signal [adc counts]

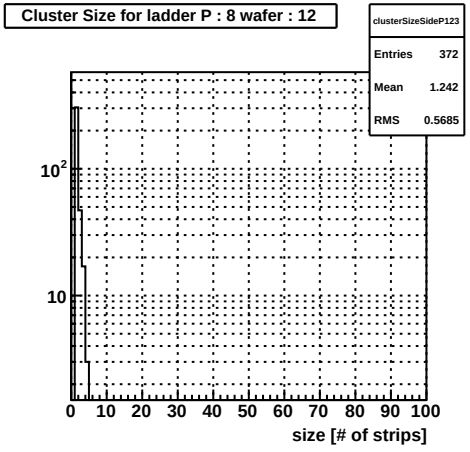

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 181
Mean 1.431
RMS 0.7373
size [# of strips]

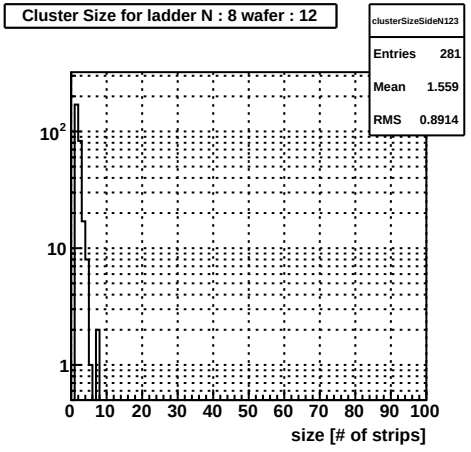

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 681
Mean 1.228
RMS 0.5602
size [# of strips]

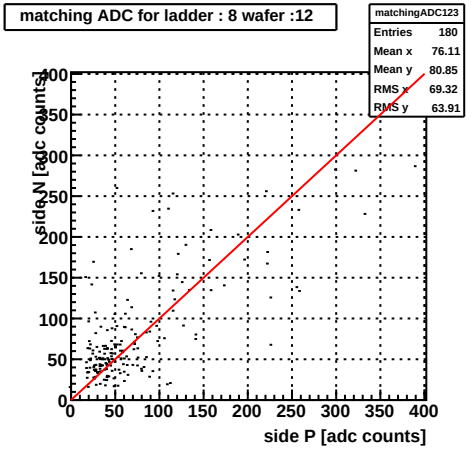

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 143
Mean x 86.79
Mean y 82.44
RMS x 64.79
RMS y 59.94
side N [adc counts]
side P [adc counts]

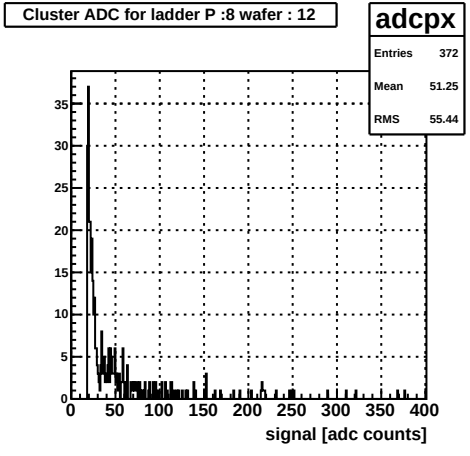

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 181
Mean 75.42
RMS 64.98
signal [adc counts]

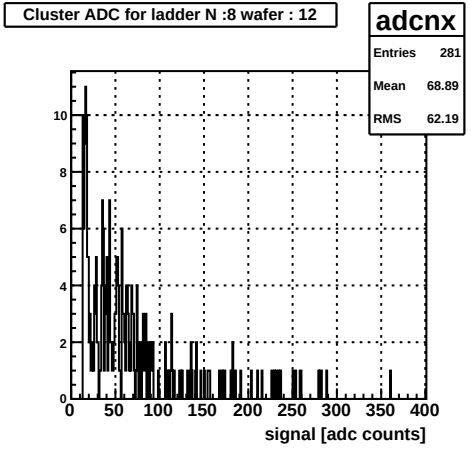

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 681
Mean 40.35
RMS 46.14
signal [adc counts]

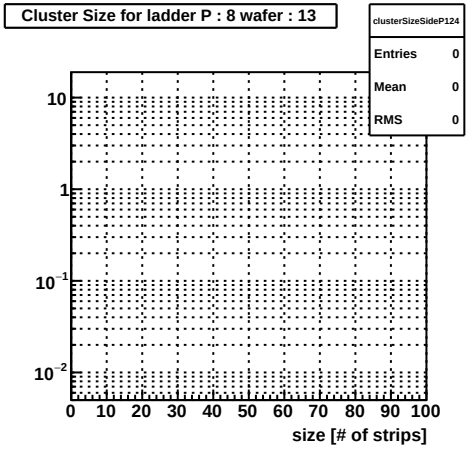

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 372
Mean 1.242
RMS 0.5685
size [# of strips]

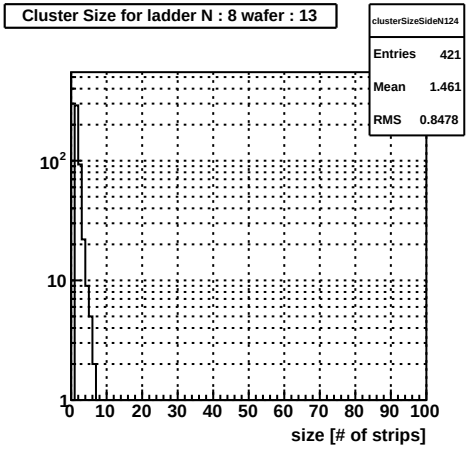

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 281
Mean 1.559
RMS 0.8914
size [# of strips]

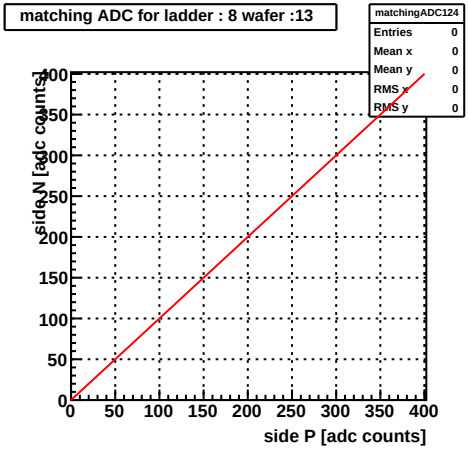

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 180
Mean x 76.11
Mean y 80.85
RMS x 69.32
RMS y 63.91
side N [adc counts]
side P [adc counts]

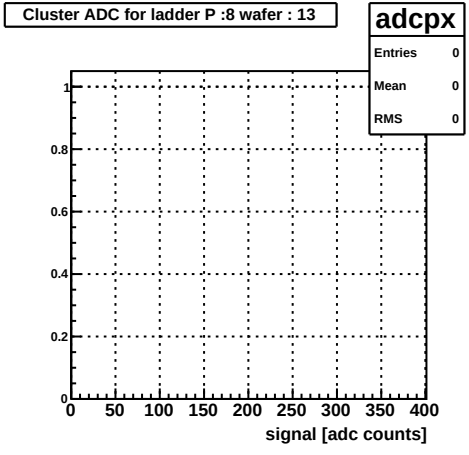

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 372
Mean 51.25
RMS 55.44
signal [adc counts]

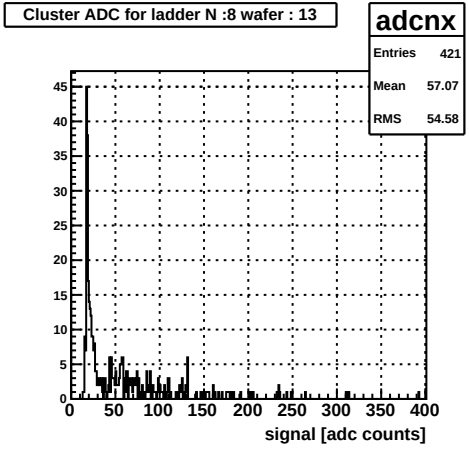

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 281
Mean 68.89
RMS 62.19
signal [adc counts]

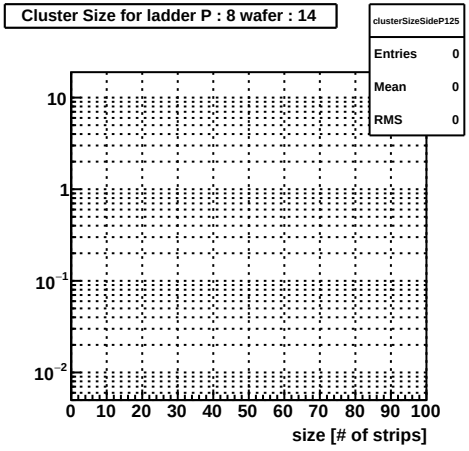

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

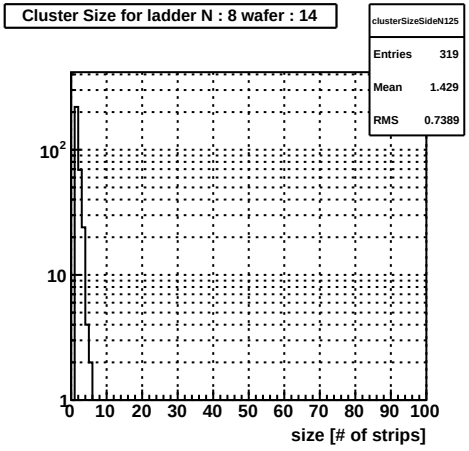

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 421
Mean 1.461
RMS 0.8478
size [# of strips]

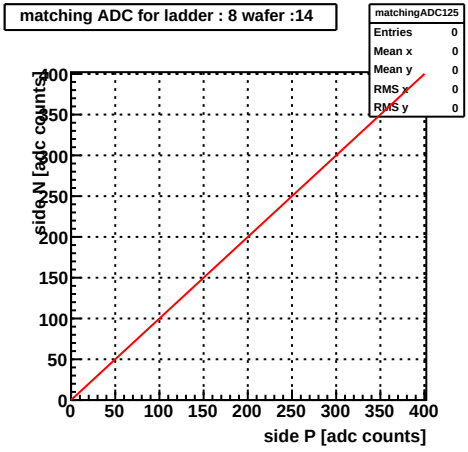

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

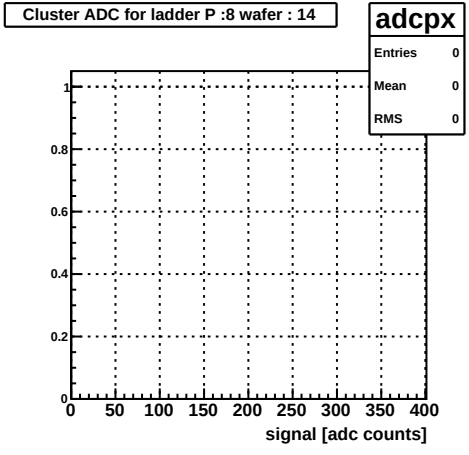

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

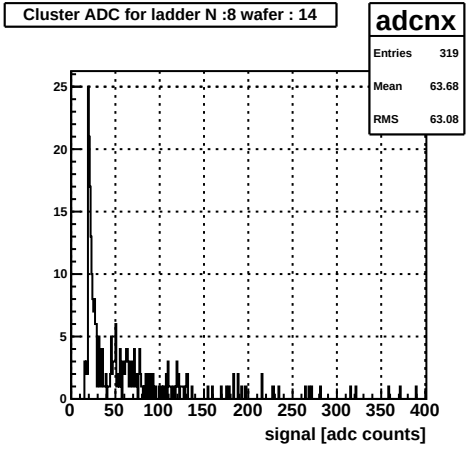

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 421
Mean 57.07
RMS 54.58
signal [adc counts]

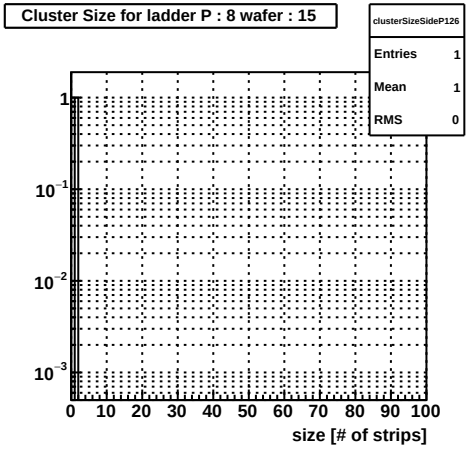

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

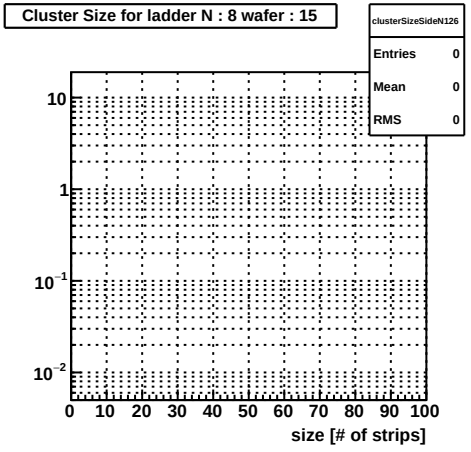

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 319
Mean 1.429
RMS 0.7389
size [# of strips]

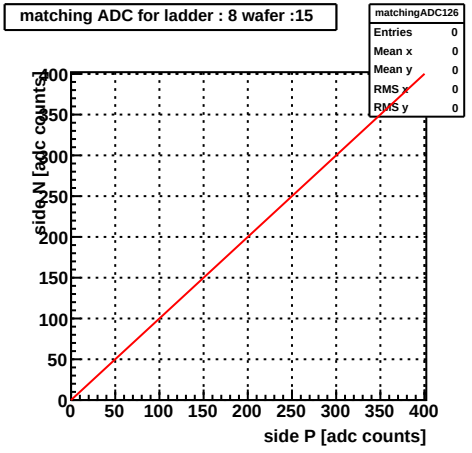

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

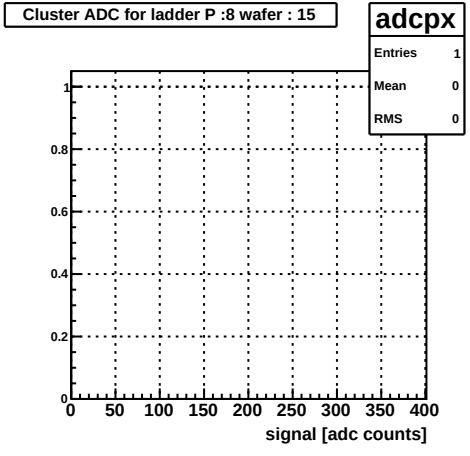

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

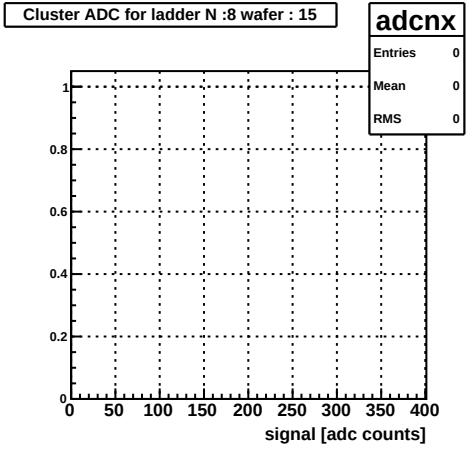

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 319
Mean 63.68
RMS 63.08
signal [adc counts]

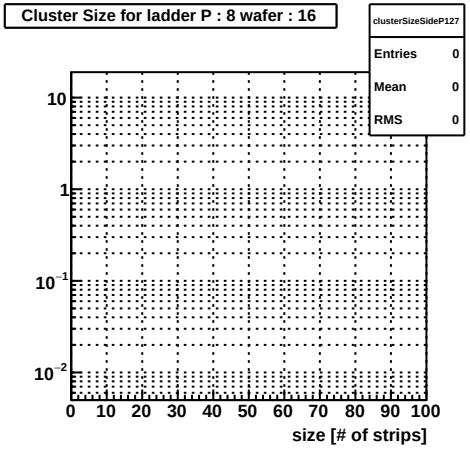

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 1
Mean 1
RMS 0
size [# of strips]

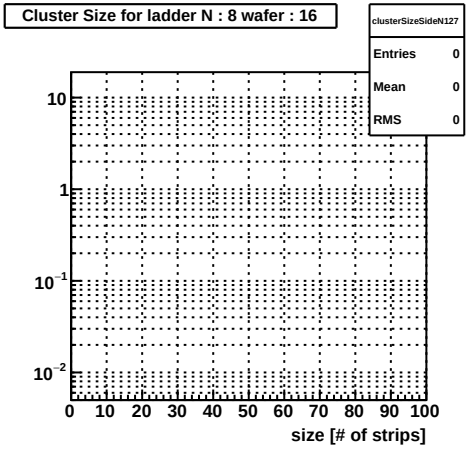

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

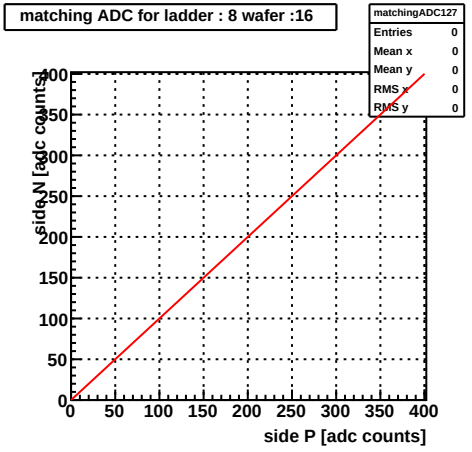

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

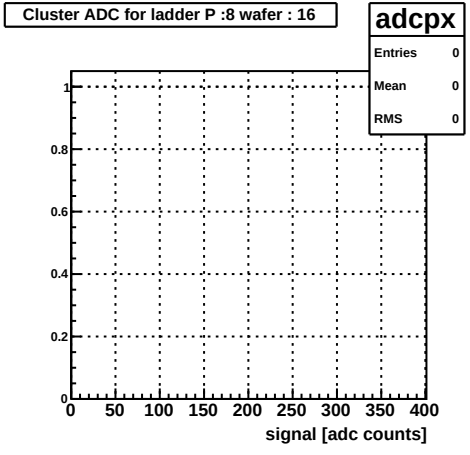

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

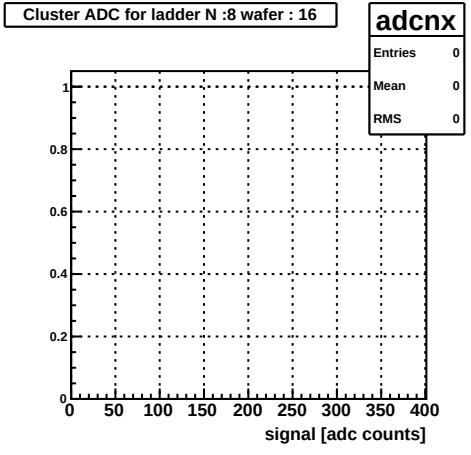

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

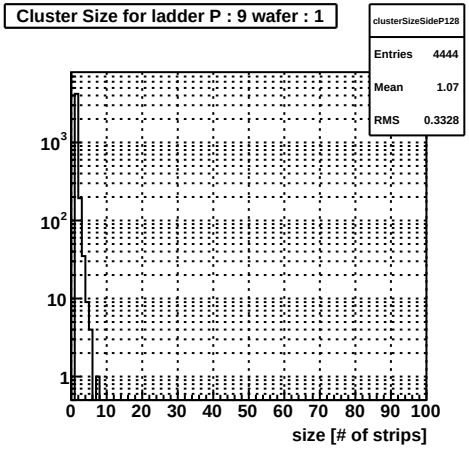

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

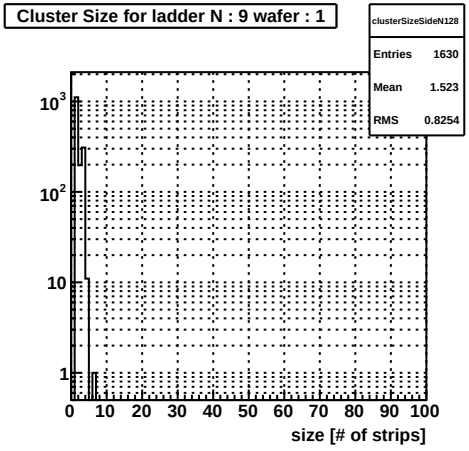

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

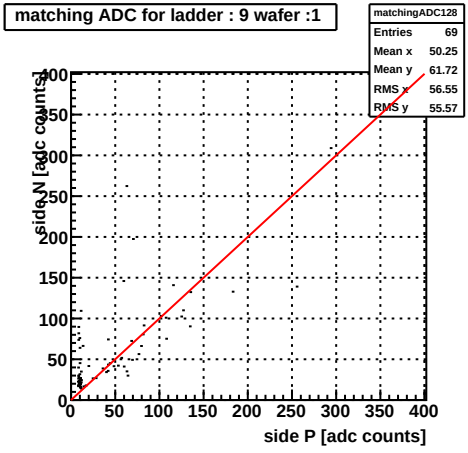

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

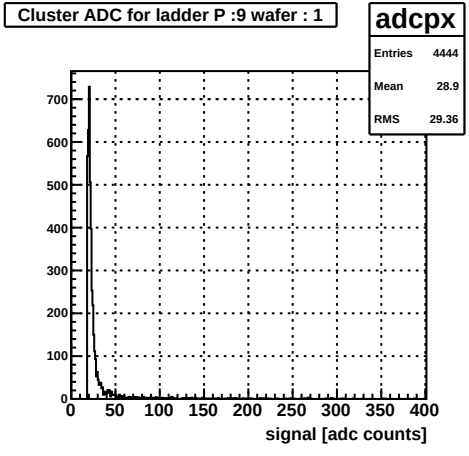

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

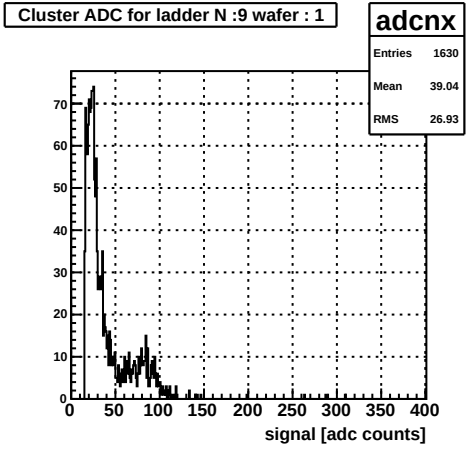

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

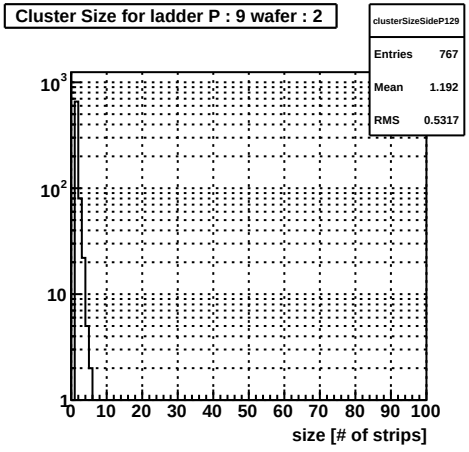

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 4444
Mean 1.07
RMS 0.3328
size [# of strips]

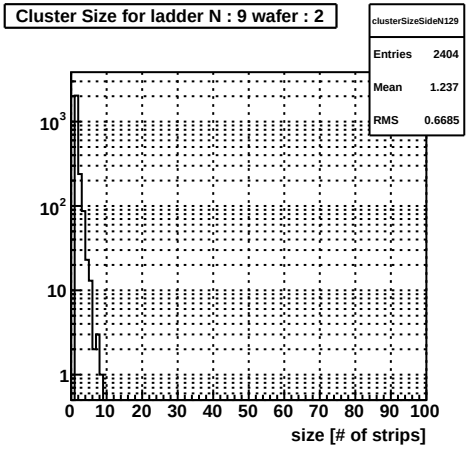

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 1630
Mean 1.523
RMS 0.8254
size [# of strips]

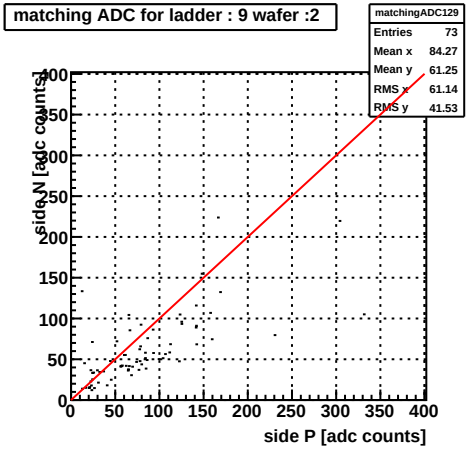

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 69
Mean x 50.25
Mean y 61.72
RMS x 56.55
RMS y 55.57
side N [adc counts]
side P [adc counts]

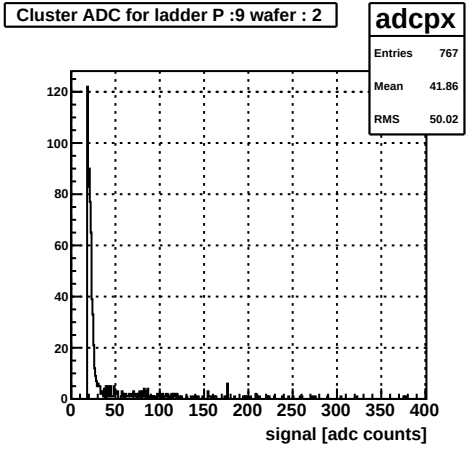

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 4444
Mean 28.9
RMS 29.36
signal [adc counts]

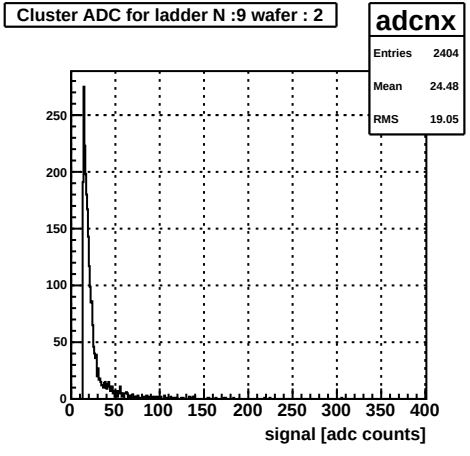

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 1630
Mean 39.04
RMS 26.93
signal [adc counts]

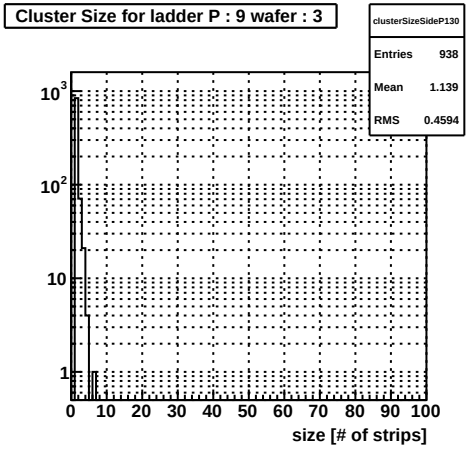

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 767
Mean 1.192
RMS 0.5317
size [# of strips]

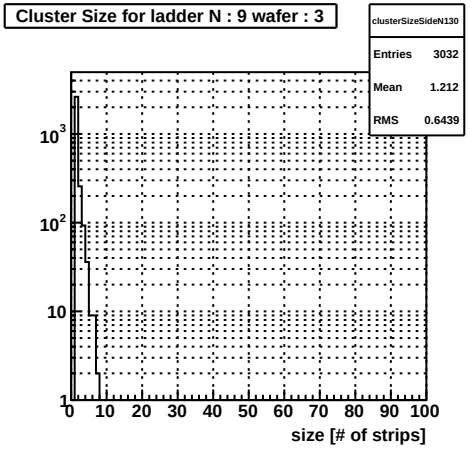

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 2404
Mean 1.237
RMS 0.6685
size [# of strips]

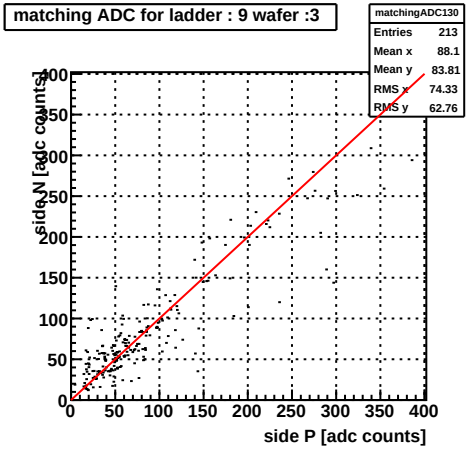

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 73
Mean x 84.27
Mean y 61.25
RMS x 61.14
RMS y 41.53
side N [adc counts]
side P [adc counts]

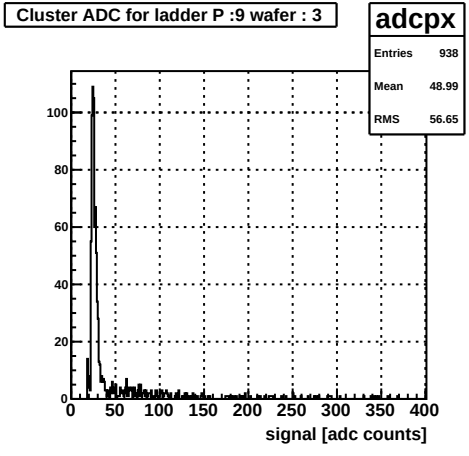

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 767
Mean 41.86
RMS 50.02
signal [adc counts]

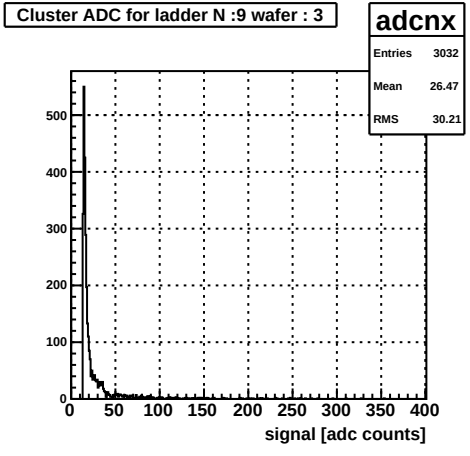

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 2404
Mean 24.48
RMS 19.05
signal [adc counts]

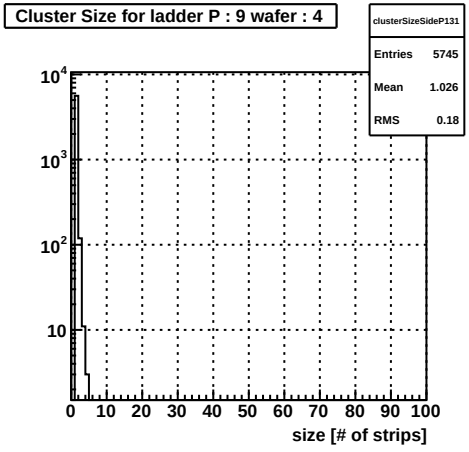

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 938
Mean 1.139
RMS 0.4594
size [# of strips]

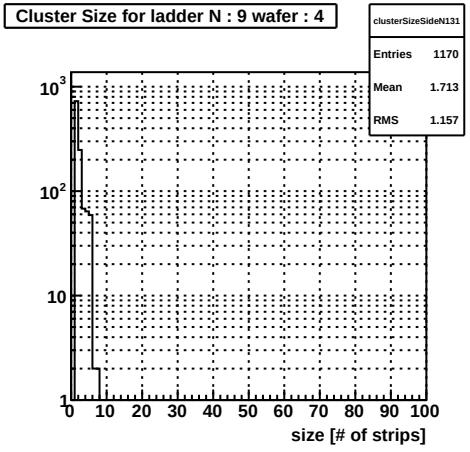

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 3032
Mean 1.212
RMS 0.6439
size [# of strips]

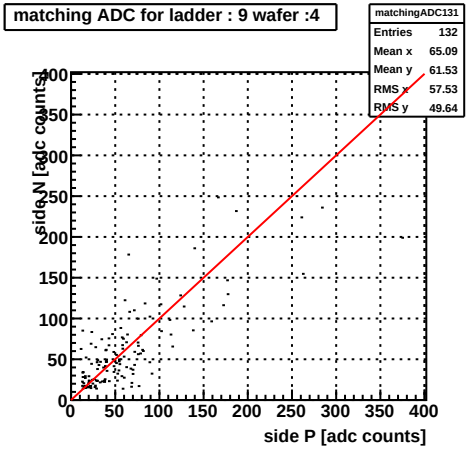

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 213
Mean x 88.1
Mean y 83.81
RMS x 74.33
RMS y 62.76
side N [adc counts]
side P [adc counts]

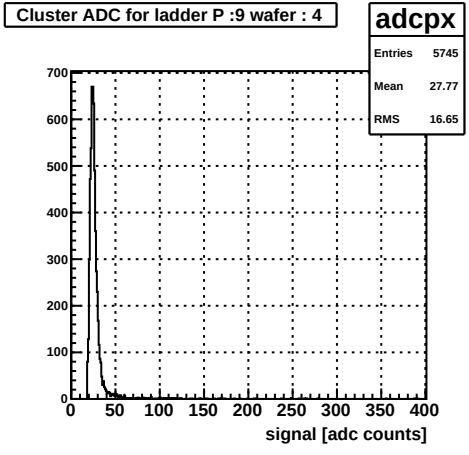

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 938
Mean 48.99
RMS 56.65
signal [adc counts]

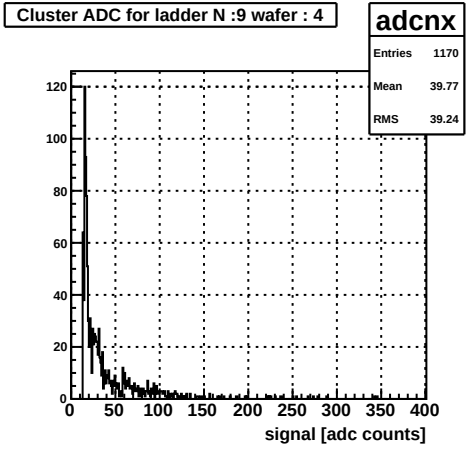

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 3032
Mean 26.47
RMS 30.21
signal [adc counts]

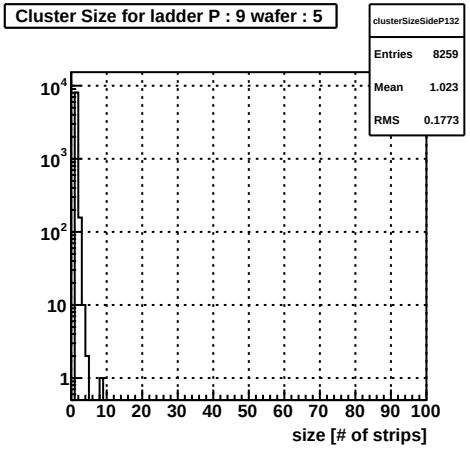

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 5745
Mean 1.026
RMS 0.18
size [# of strips]

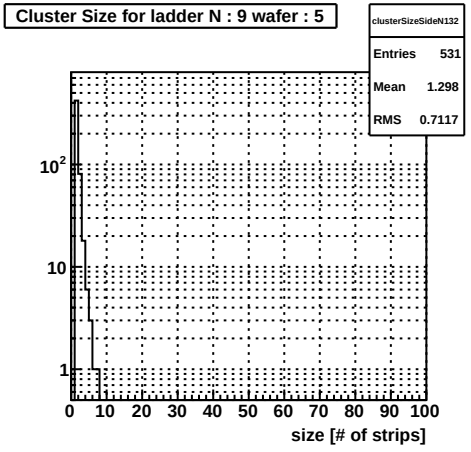

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 1170
Mean 1.713
RMS 1.157
size [# of strips]

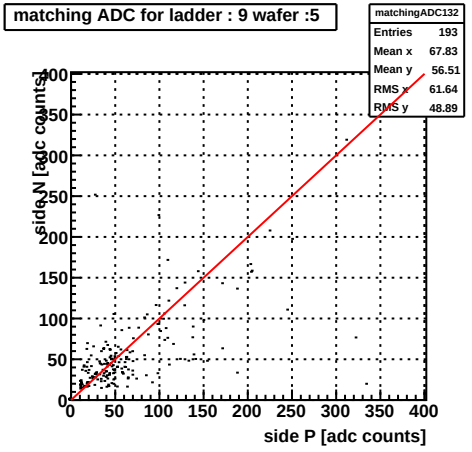

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 132
Mean x 65.09
Mean y 61.53
RMS x 57.53
RMS y 49.64
side N [adc counts]
side P [adc counts]

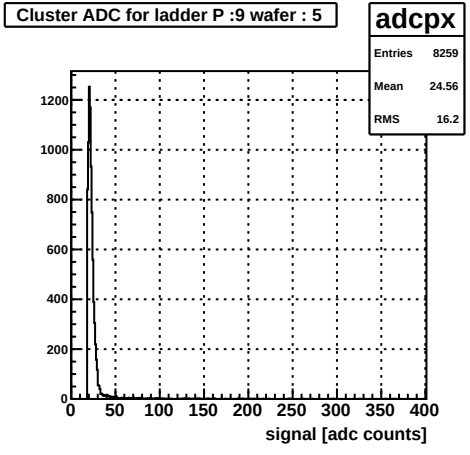

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 5745
Mean 27.77
RMS 16.65
signal [adc counts]

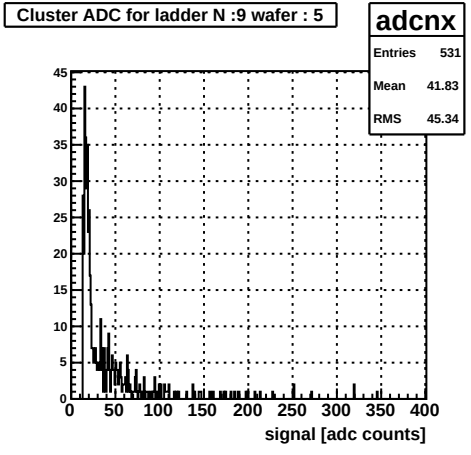

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 1170
Mean 39.77
RMS 39.24
signal [adc counts]

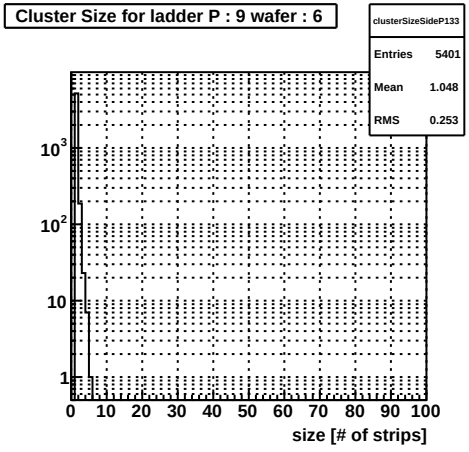

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 8259
Mean 1.023
RMS 0.1773
size [# of strips]

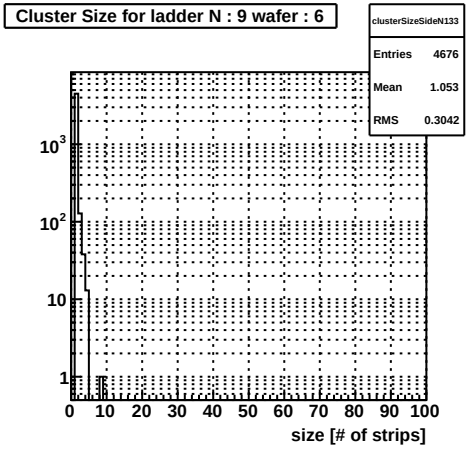

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 531
Mean 1.298
RMS 0.7117
size [# of strips]

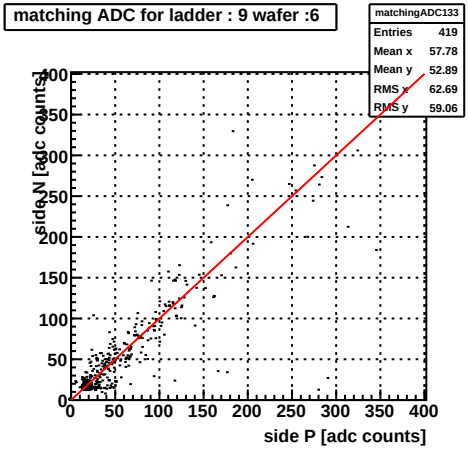

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 193
Mean x 67.83
Mean y 56.51
RMS x 61.64
RMS y 48.89
side N [adc counts]
side P [adc counts]

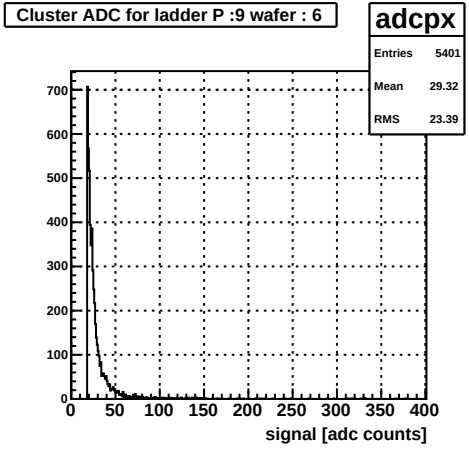

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 8259
Mean 24.56
RMS 16.2
signal [adc counts]

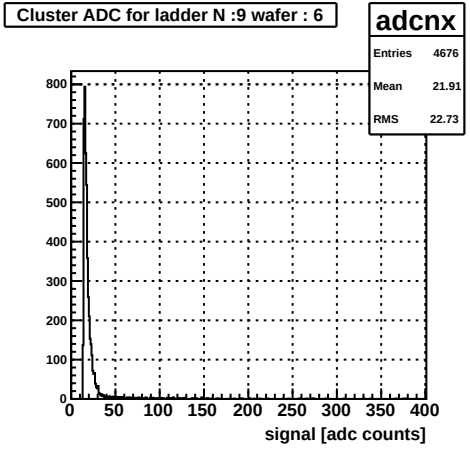

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 531
Mean 41.83
RMS 45.34
signal [adc counts]

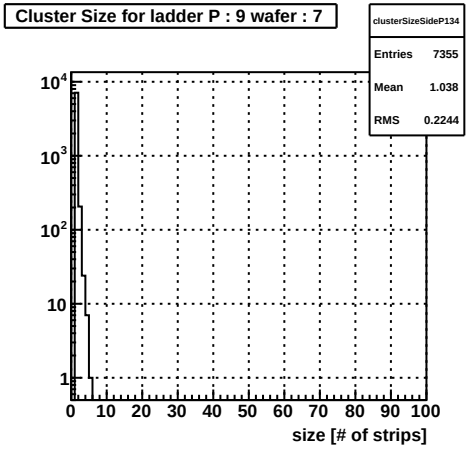

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 5401
Mean 1.048
RMS 0.253
size [# of strips]

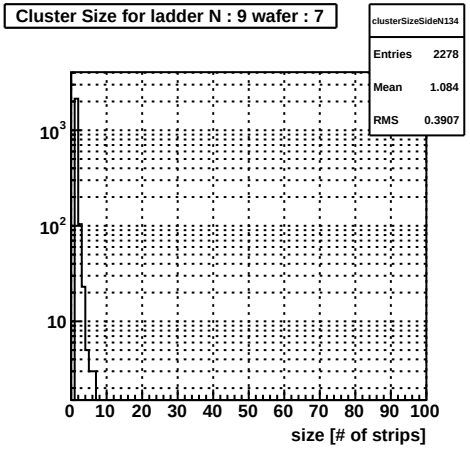

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 4676
Mean 1.053
RMS 0.3042
size [# of strips]

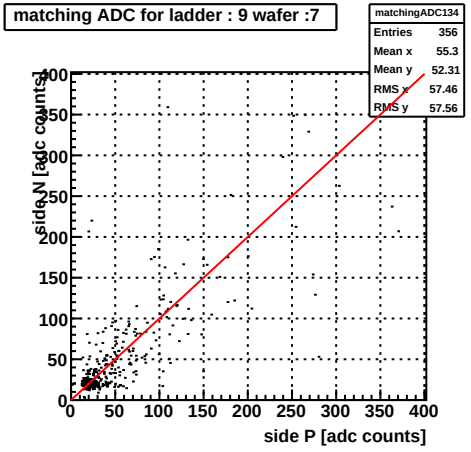

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 419
Mean x 57.78
Mean y 52.89
RMS x 62.69
RMS y 59.06
side N [adc counts]
side P [adc counts]

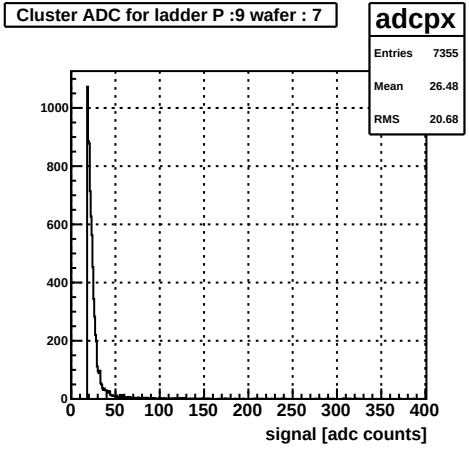

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 5401
Mean 29.32
RMS 23.39
signal [adc counts]

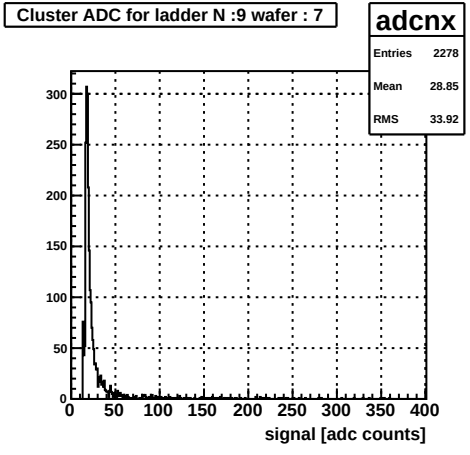

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 4676
Mean 21.91
RMS 22.73
signal [adc counts]

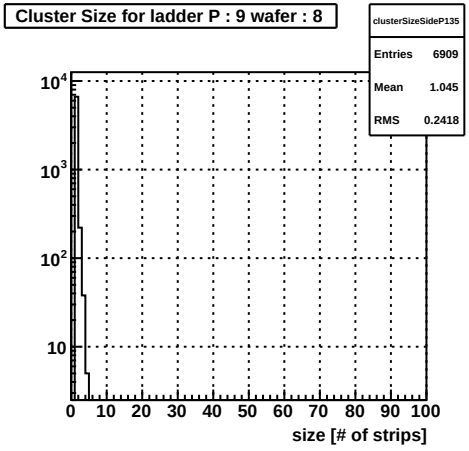

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 7355
Mean 1.038
RMS 0.2244
size [# of strips]

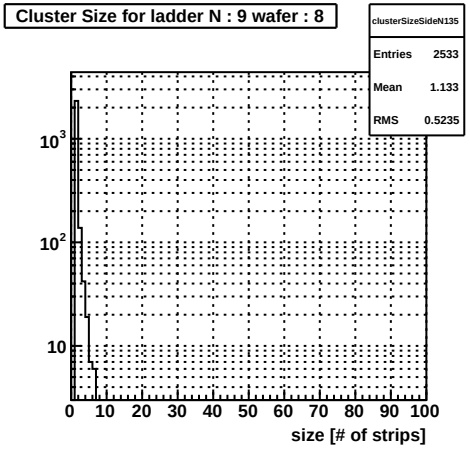

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 2278
Mean 1.084
RMS 0.3907
size [# of strips]

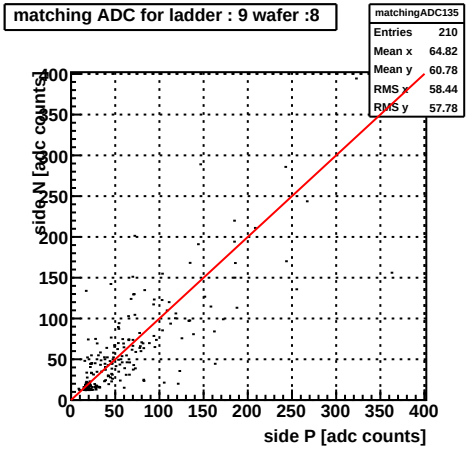

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 356
Mean x 55.3
Mean y 52.31
RMS x 57.46
RMS y 57.56
side N [adc counts]
side P [adc counts]

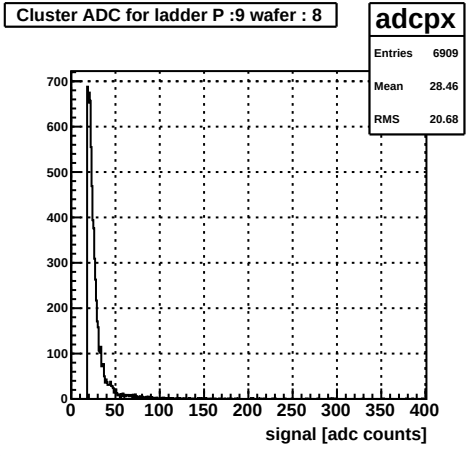

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 7355
Mean 26.48
RMS 20.68
signal [adc counts]

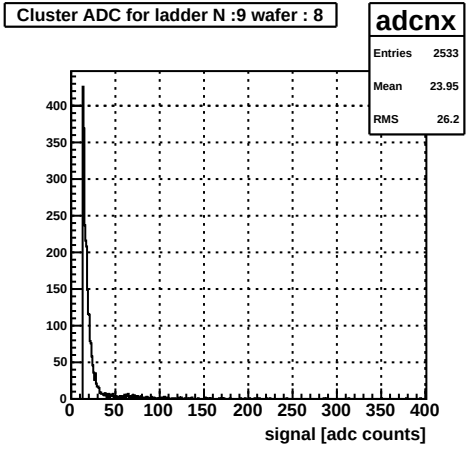

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 2278
Mean 28.85
RMS 33.92
signal [adc counts]

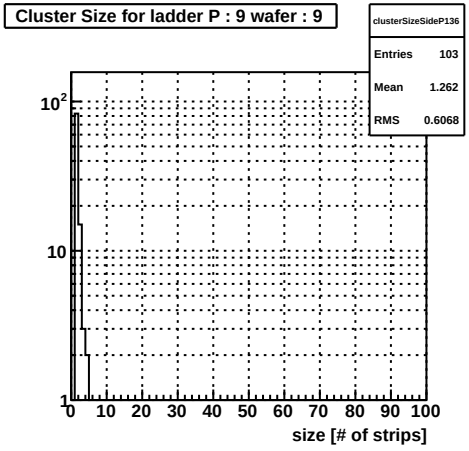

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 6909
Mean 1.045
RMS 0.2418
size [# of strips]

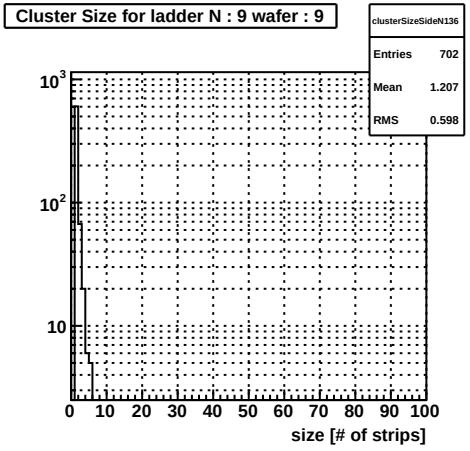

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 2533
Mean 1.133
RMS 0.5235
size [# of strips]

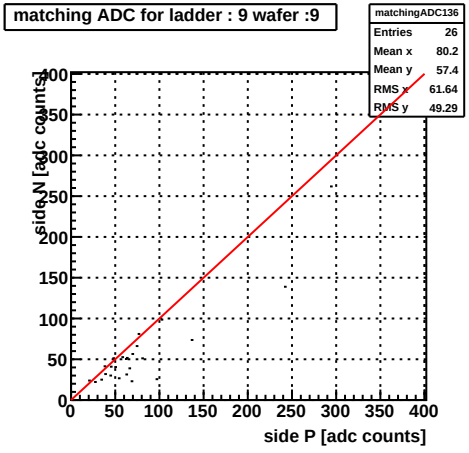

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 210
Mean x 64.82
Mean y 60.78
RMS x 58.44
RMS y 57.78
side N [adc counts]
side P [adc counts]

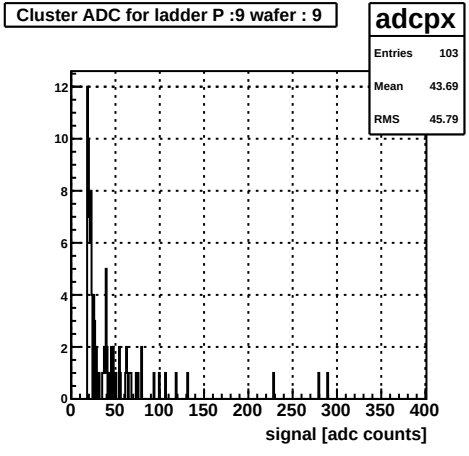

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 6909
Mean 28.46
RMS 20.68
signal [adc counts]

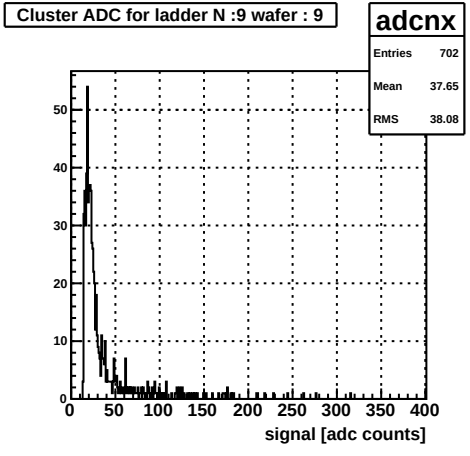

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 2533
Mean 23.95
RMS 26.2
signal [adc counts]

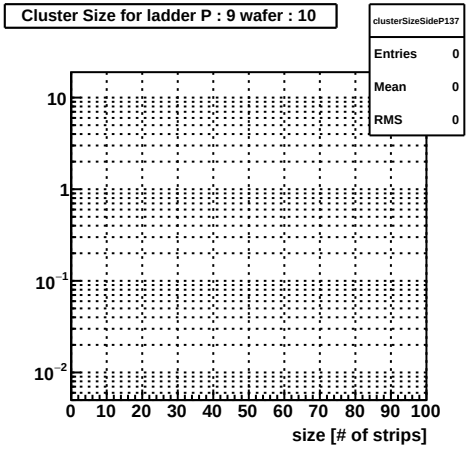

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 103
Mean 1.262
RMS 0.6068
size [# of strips]

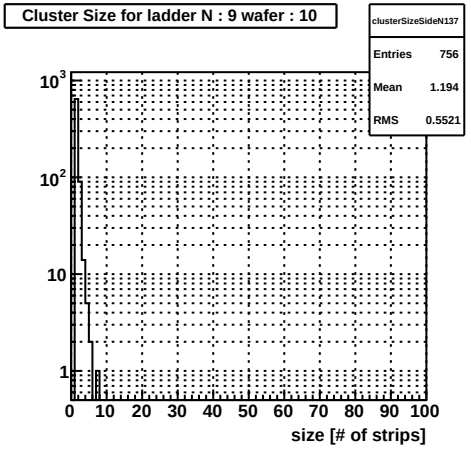

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 702
Mean 1.207
RMS 0.598
size [# of strips]

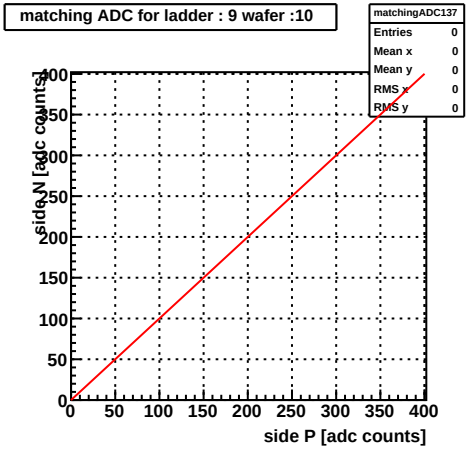

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 26
Mean x 80.2
Mean y 57.4
RMS x 61.64
RMS y 49.29
side N [adc counts]
side P [adc counts]

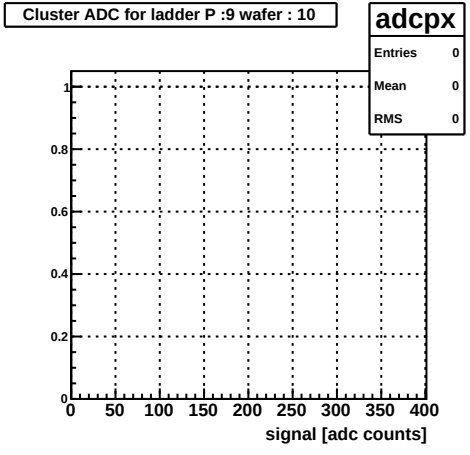

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 103
Mean 43.69
RMS 45.79
signal [adc counts]

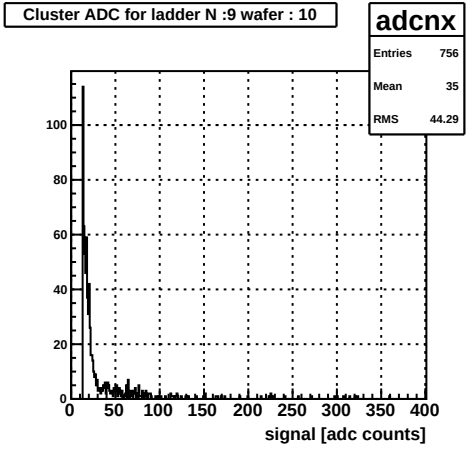

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 702
Mean 37.65
RMS 38.08
signal [adc counts]

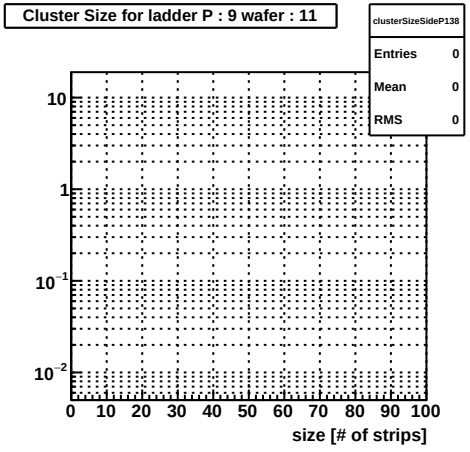

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

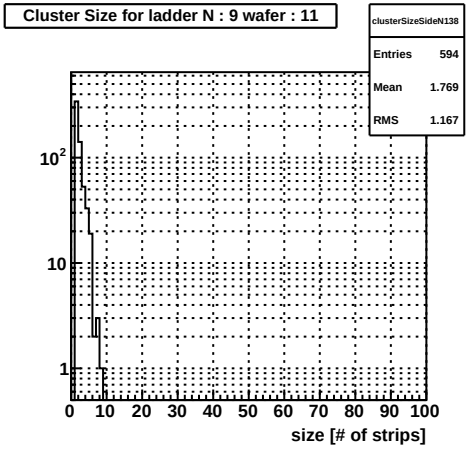

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 756
Mean 1.194
RMS 0.5521
size [# of strips]

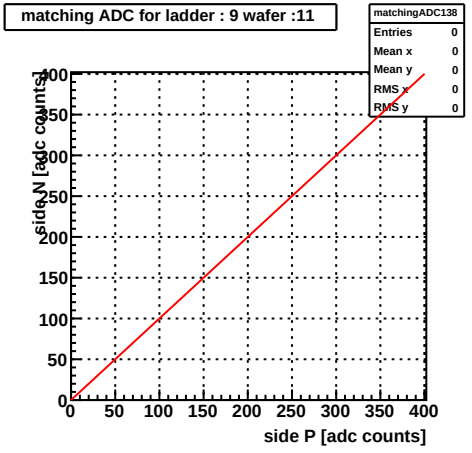

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

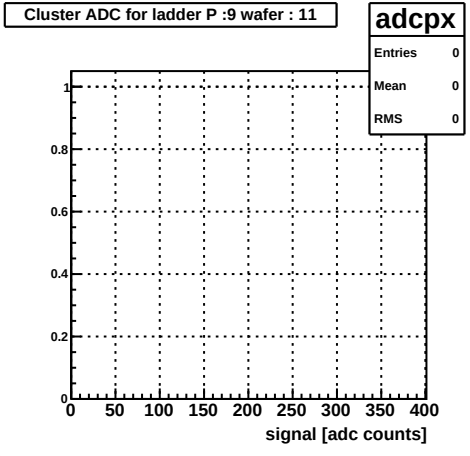

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

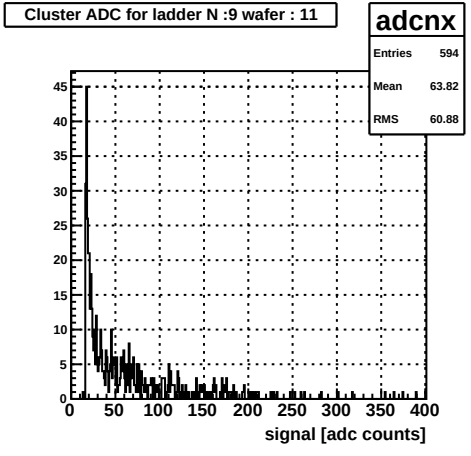

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 756
Mean 35
RMS 44.29
signal [adc counts]

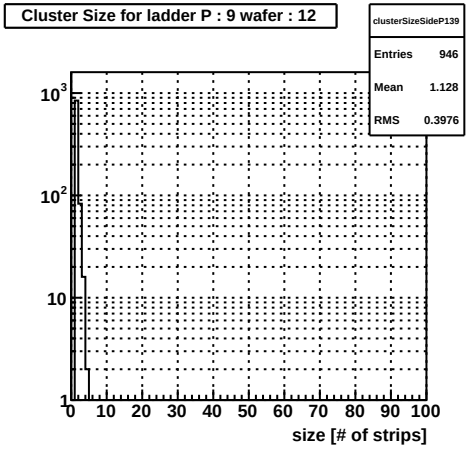

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

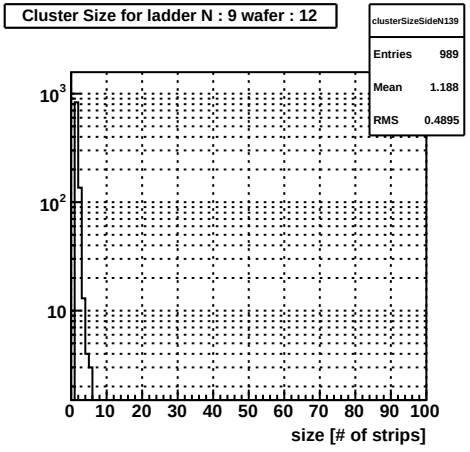

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 594
Mean 1.769
RMS 1.167
size [# of strips]

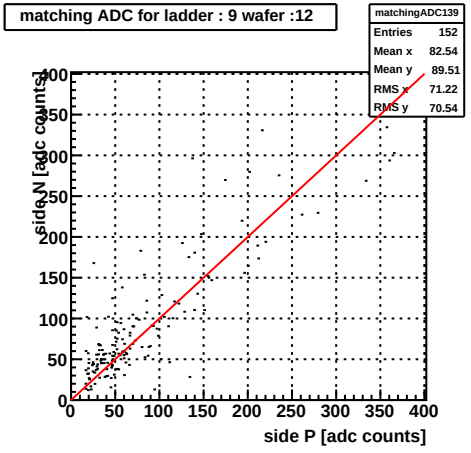

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

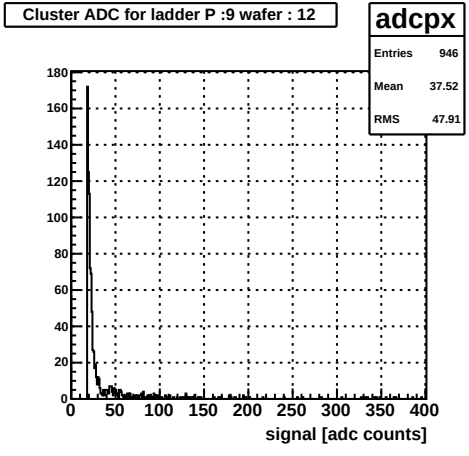

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

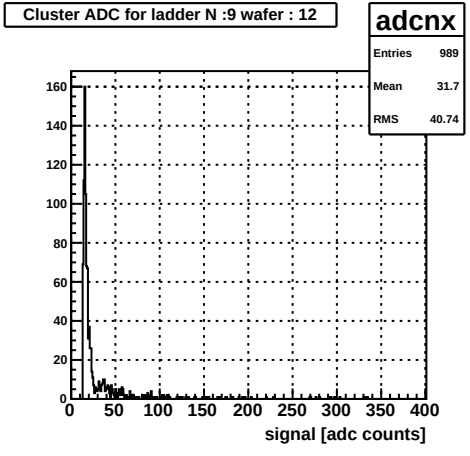

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 594
Mean 63.82
RMS 60.88
signal [adc counts]

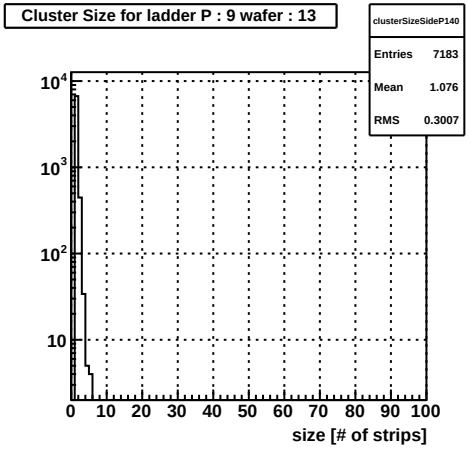

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 946
Mean 1.128
RMS 0.3976
size [# of strips]

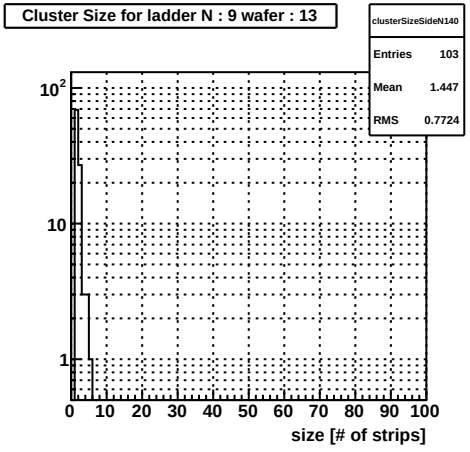

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 989
Mean 1.188
RMS 0.4895
size [# of strips]

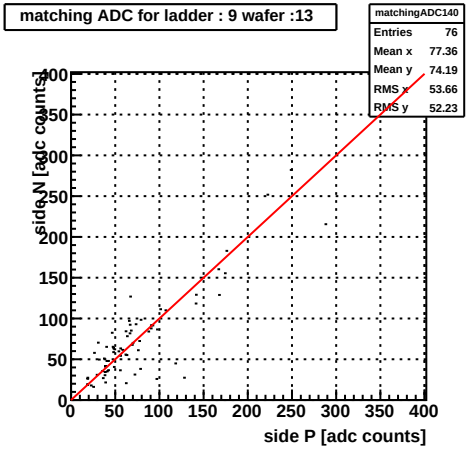

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 152
Mean x 82.54
Mean y 89.51
RMS x 71.22
RMS y 70.54
side N [adc counts]
side P [adc counts]

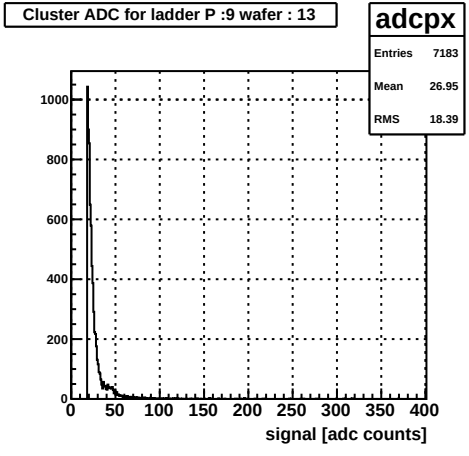

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 946
Mean 37.52
RMS 47.91
signal [adc counts]

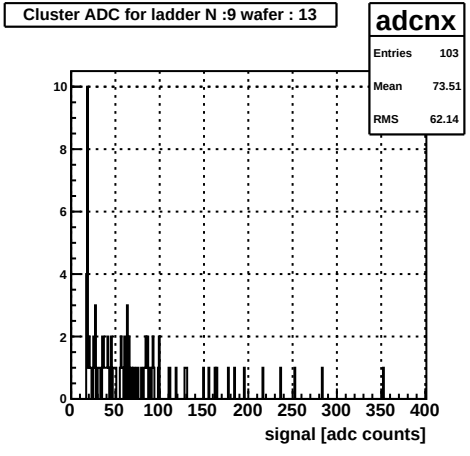

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 989
Mean 31.7
RMS 40.74
signal [adc counts]

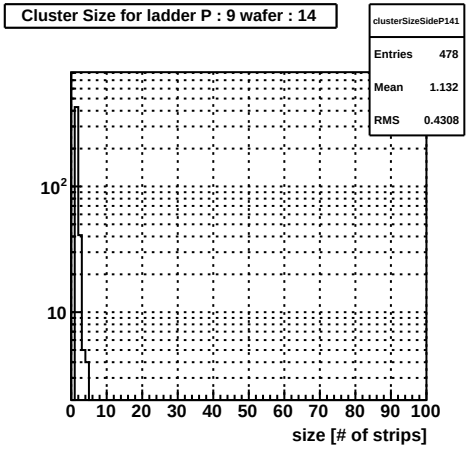

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 7183
Mean 1.076
RMS 0.3007
size [# of strips]

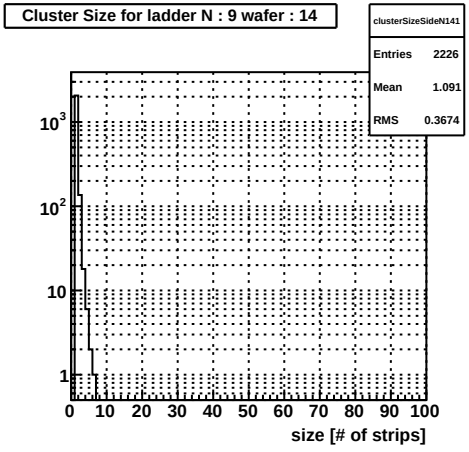

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 103
Mean 1.447
RMS 0.7724
size [# of strips]

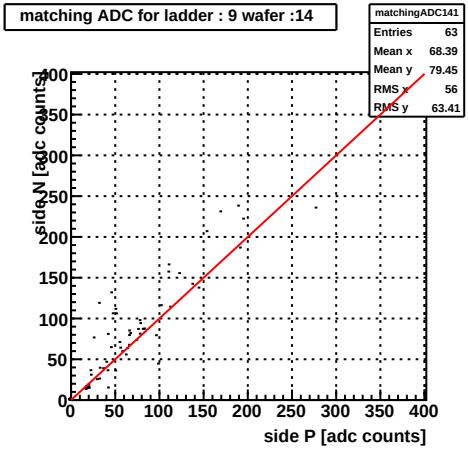

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 76
Mean x 77.36
Mean y 74.19
RMS x 53.66
RMS y 52.23
side N [adc counts]
side P [adc counts]

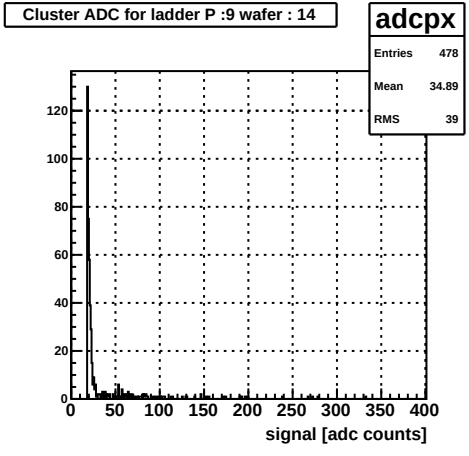

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 7183
Mean 26.95
RMS 18.39
signal [adc counts]

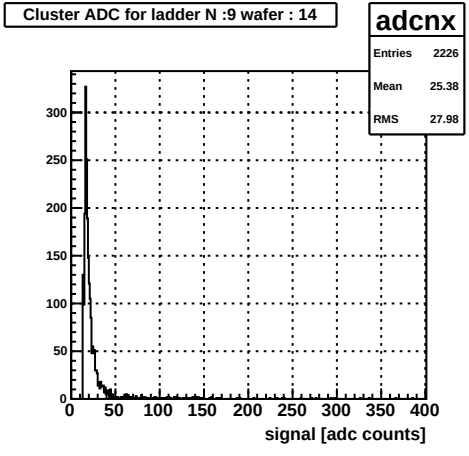

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 103
Mean 73.51
RMS 62.14
signal [adc counts]

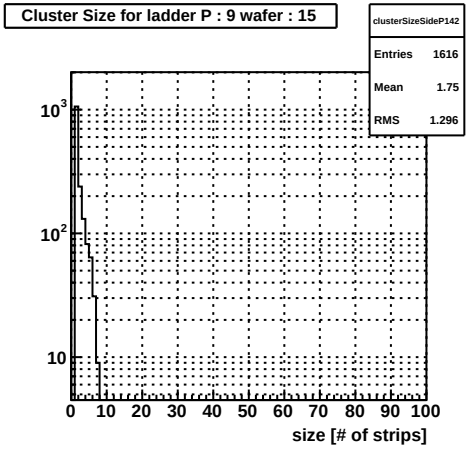

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 478
Mean 1.132
RMS 0.4308
size [# of strips]

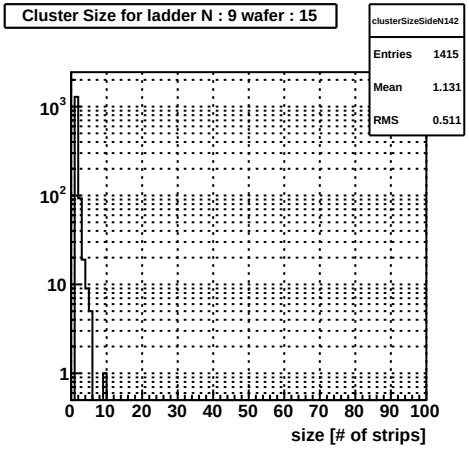

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 2226
Mean 1.091
RMS 0.3674
size [# of strips]

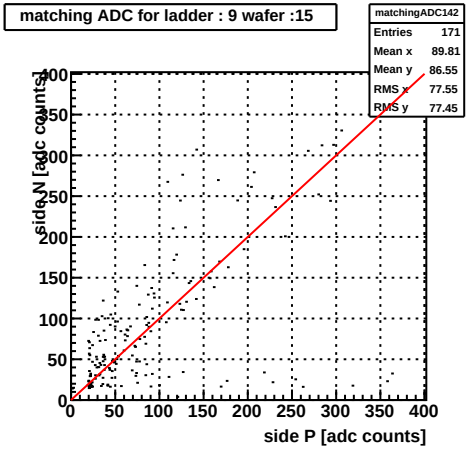

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 63
Mean x 68.39
Mean y 79.45
RMS x 56
RMS y 63.41
side N [adc counts]
side P [adc counts]

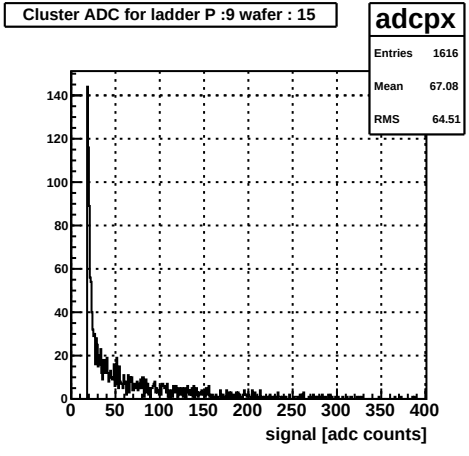

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 478
Mean 34.89
RMS 39
signal [adc counts]

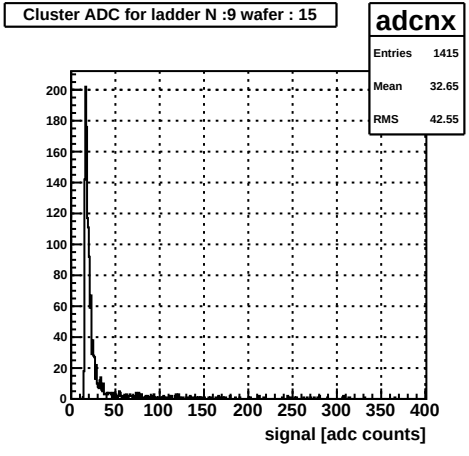

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 2226
Mean 25.38
RMS 27.98
signal [adc counts]

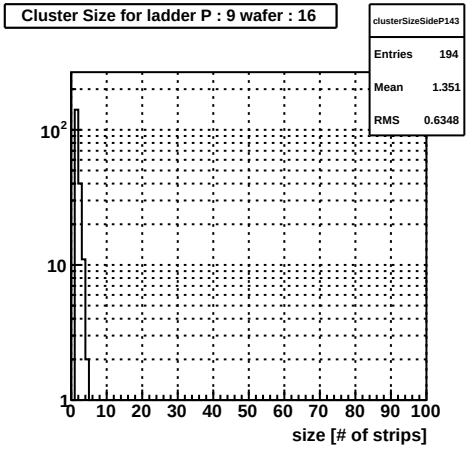

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 1616
Mean 1.75
RMS 1.296
size [# of strips]

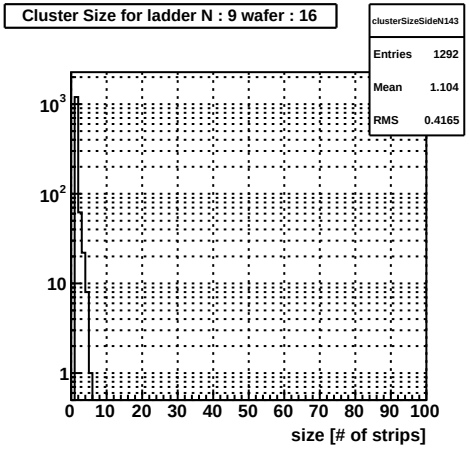

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 1415
Mean 1.131
RMS 0.511
size [# of strips]

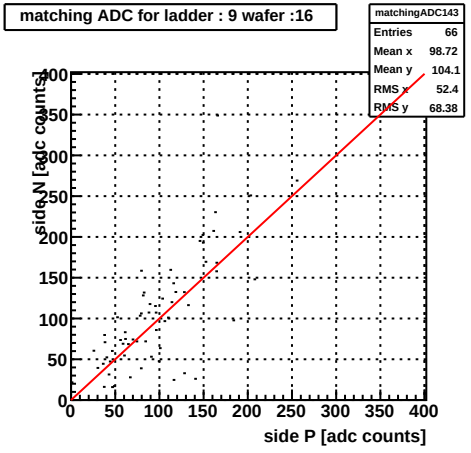

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 171
Mean x 89.81
Mean y 86.55
RMS x 77.55
RMS y 77.45
side N [adc counts]
side P [adc counts]

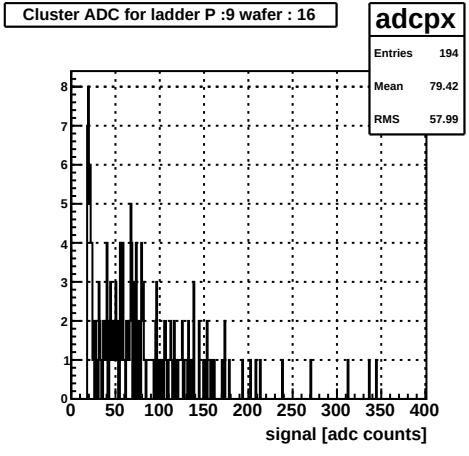

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 1616
Mean 67.08
RMS 64.51
signal [adc counts]

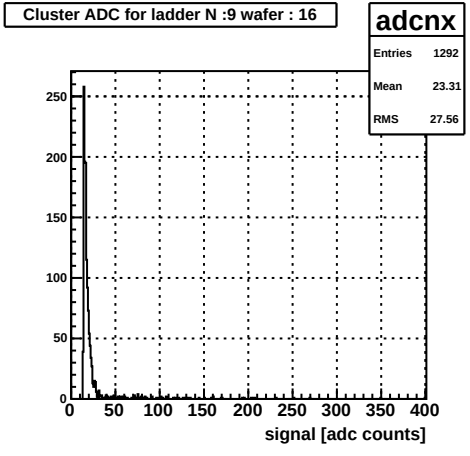

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 1415
Mean 32.65
RMS 42.55
signal [adc counts]

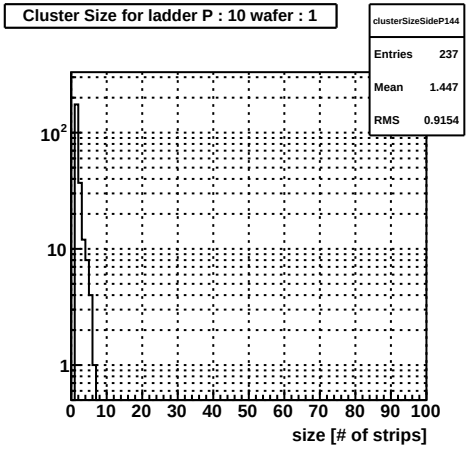

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 194
Mean 1.351
RMS 0.6348
size [# of strips]

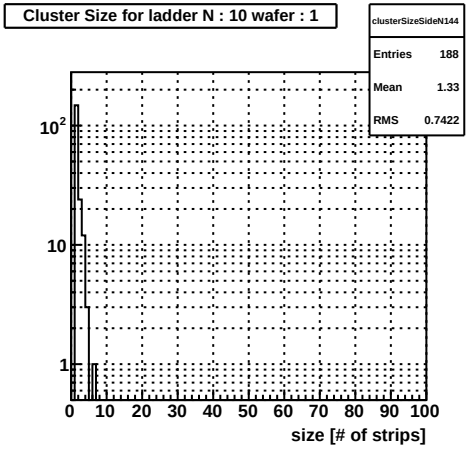

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 1292
Mean 1.104
RMS 0.4165
size [# of strips]

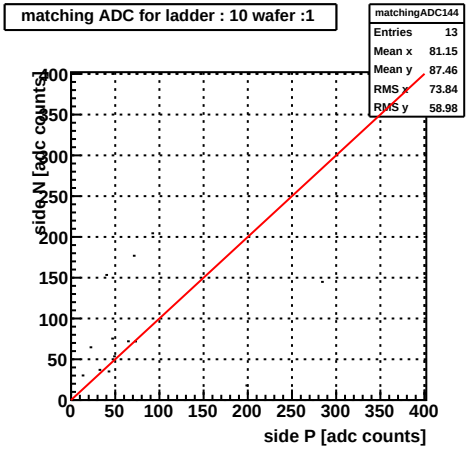

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 66
Mean x 98.72
Mean y 104.1
RMS x 52.4
RMS y 68.38
side N [adc counts]
side P [adc counts]

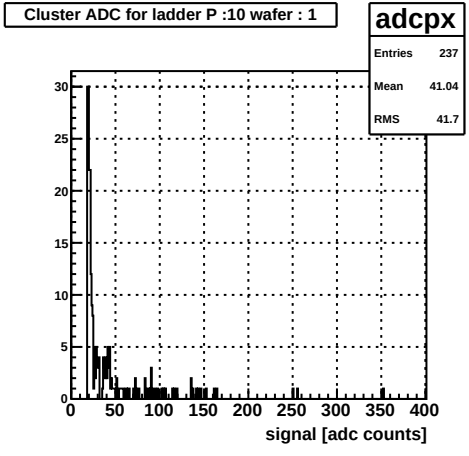

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 194
Mean 79.42
RMS 57.99
signal [adc counts]

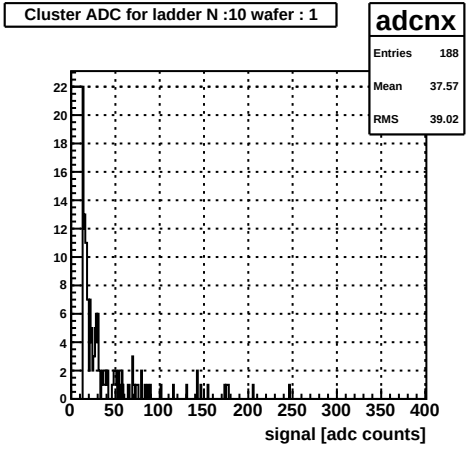

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 1292
Mean 23.31
RMS 27.56
signal [adc counts]

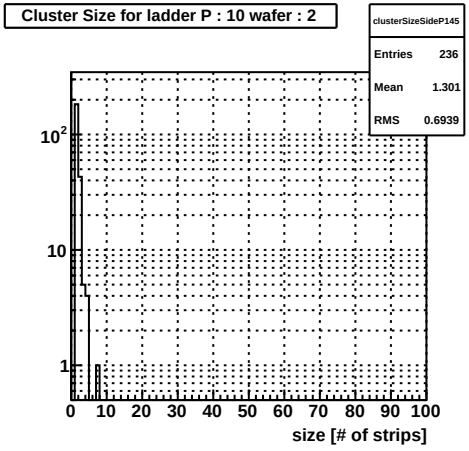

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 237
Mean 1.447
RMS 0.9154
size [# of strips]

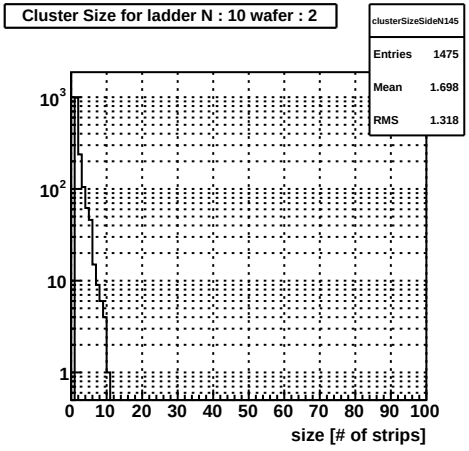

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 188
Mean 1.33
RMS 0.7422
size [# of strips]

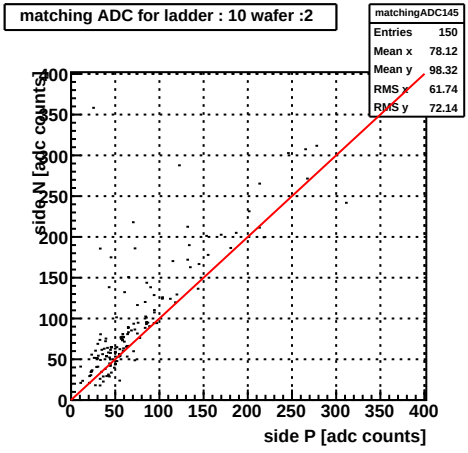

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 13
Mean x 81.15
Mean y 87.46
RMS x 73.84
RMS y 58.98
side N [adc counts]
side P [adc counts]

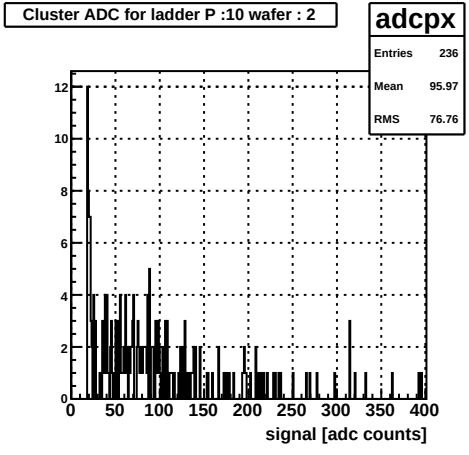

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 237
Mean 41.04
RMS 41.7
signal [adc counts]

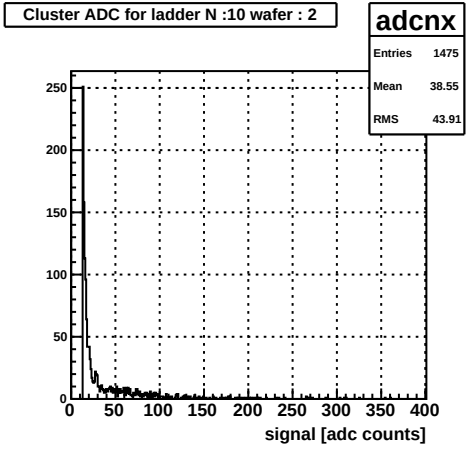

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 188
Mean 37.57
RMS 39.02
signal [adc counts]

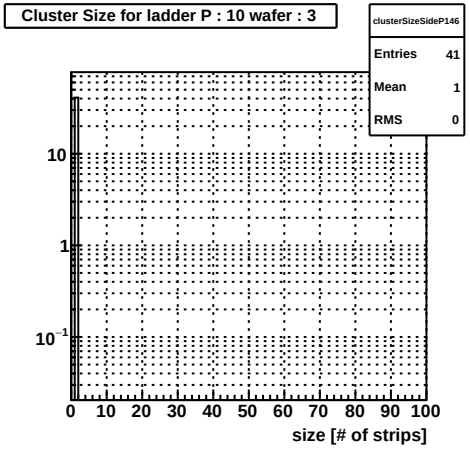

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 236
Mean 1.301
RMS 0.6939
size [# of strips]

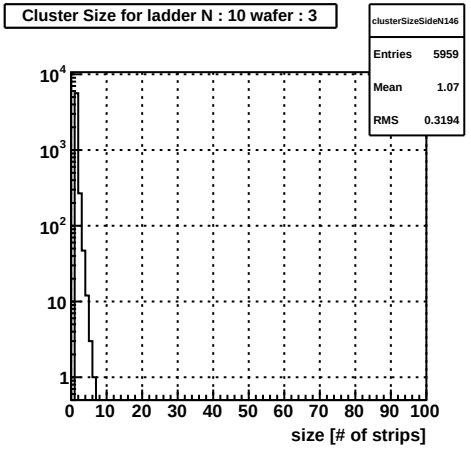

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 1475
Mean 1.698
RMS 1.318
size [# of strips]

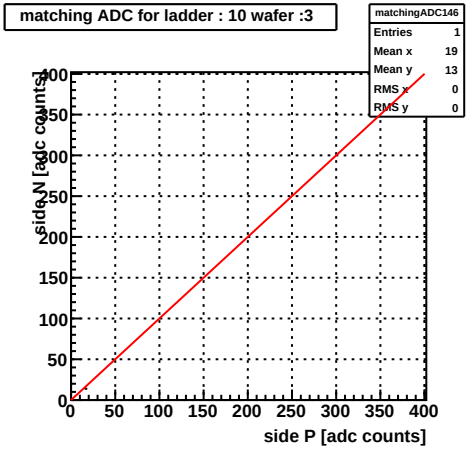

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 150
Mean x 78.12
Mean y 98.32
RMS x 61.74
RMS y 72.14
side N [adc counts]
side P [adc counts]

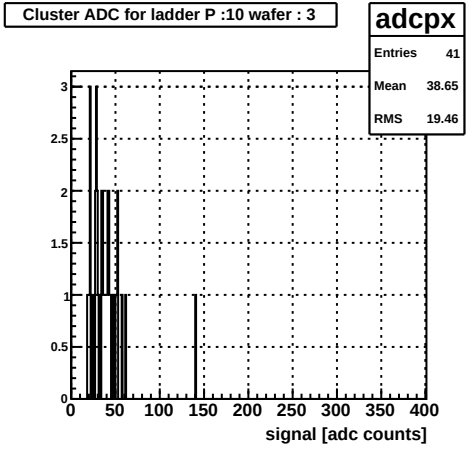

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 236
Mean 95.97
RMS 76.76
signal [adc counts]

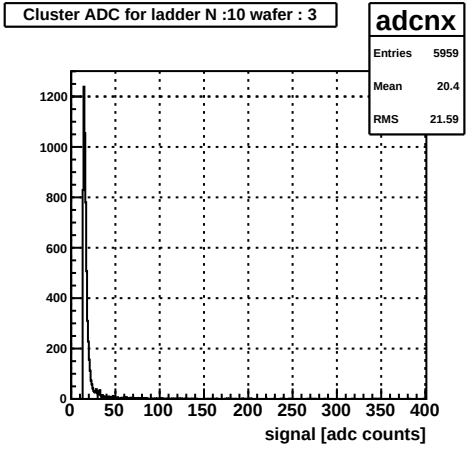

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 1475
Mean 38.55
RMS 43.91
signal [adc counts]

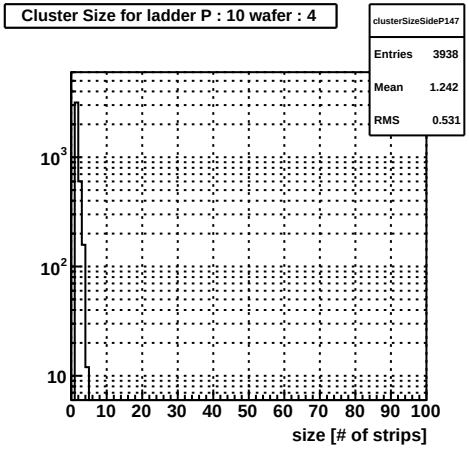

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 41
Mean 1
RMS 0
size [# of strips]

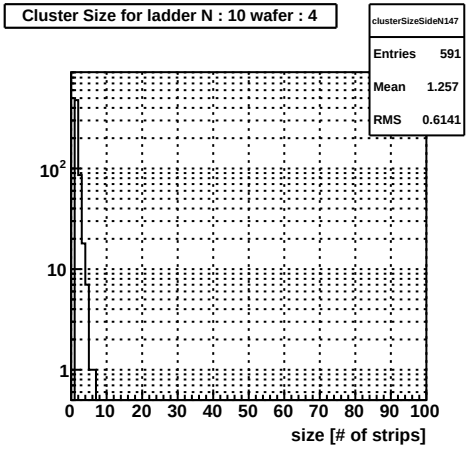

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 5959
Mean 1.07
RMS 0.3194
size [# of strips]

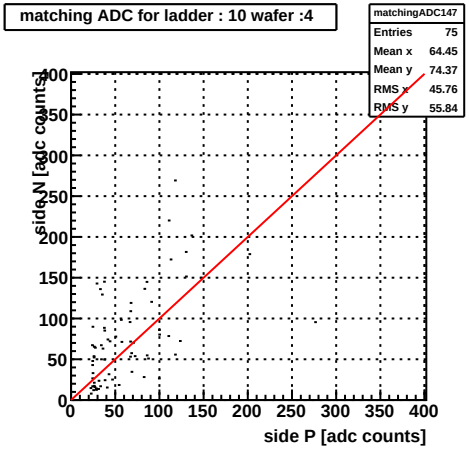

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 1
Mean x 19
Mean y 13
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

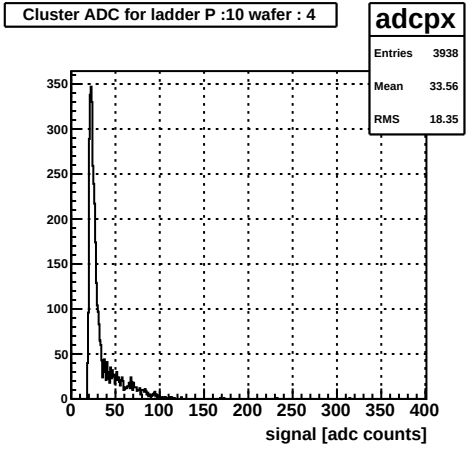

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 41
Mean 38.65
RMS 19.46
signal [adc counts]

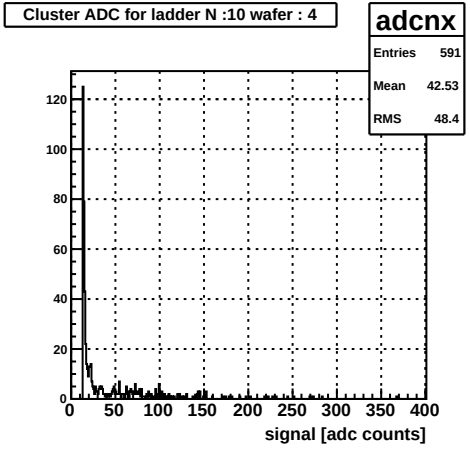

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 5959
Mean 20.4
RMS 21.59
signal [adc counts]

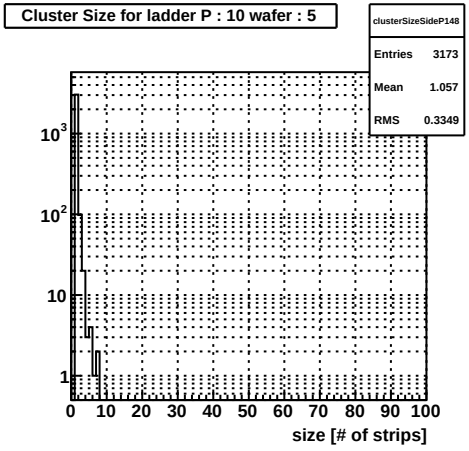

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 3938
Mean 1.242
RMS 0.531
size [# of strips]

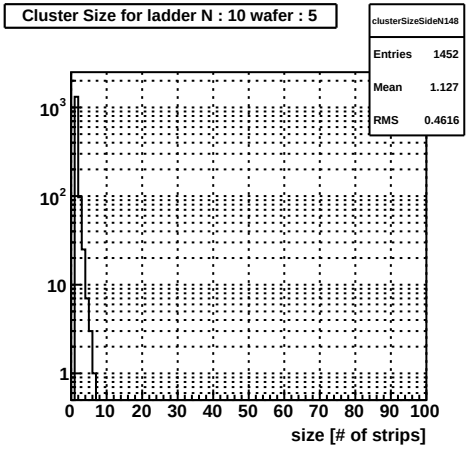

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 591
Mean 1.257
RMS 0.6141
size [# of strips]

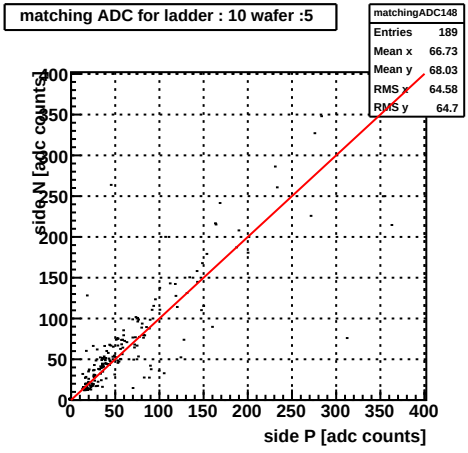

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 75
Mean x 64.45
Mean y 74.37
RMS x 45.76
RMS y 55.84
side N [adc counts]
side P [adc counts]

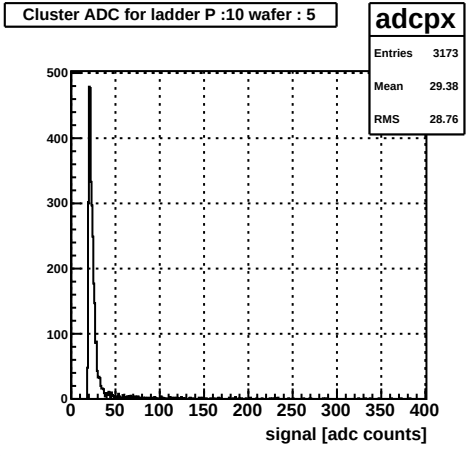

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 3938
Mean 33.56
RMS 18.35
signal [adc counts]

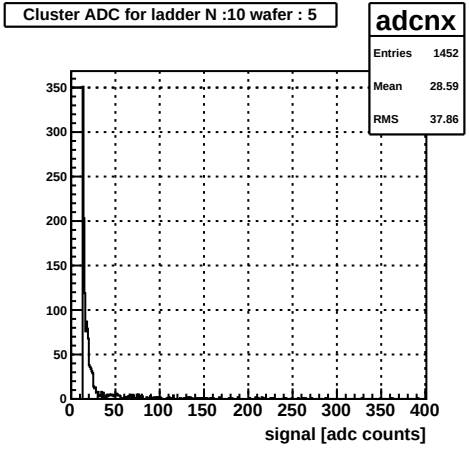

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 591
Mean 42.53
RMS 48.4
signal [adc counts]

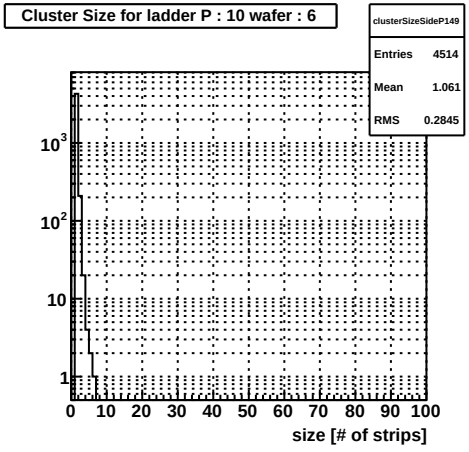

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 3173
Mean 1.057
RMS 0.3349
size [# of strips]

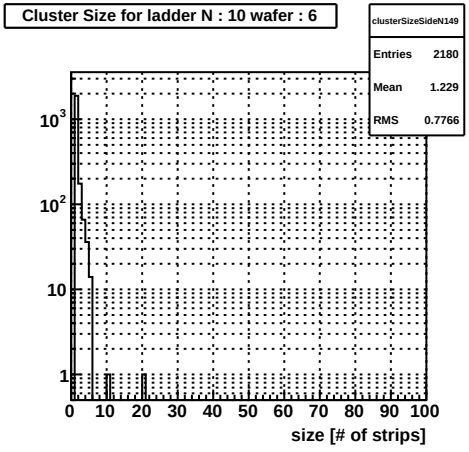

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 1452
Mean 1.127
RMS 0.4616
size [# of strips]

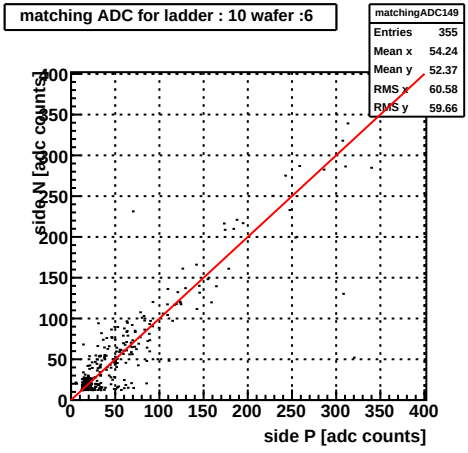

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 189
Mean x 66.73
Mean y 68.03
RMS x 64.58
RMS y 64.7
side N [adc counts]
side P [adc counts]

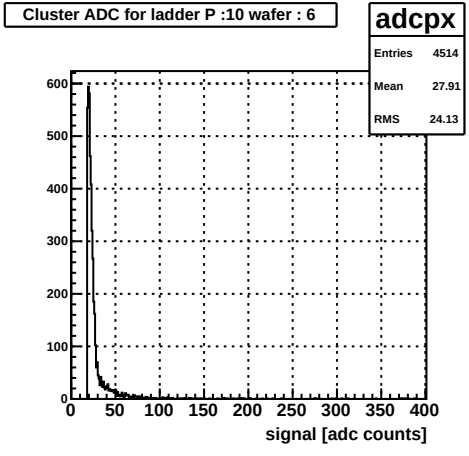

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 3173
Mean 29.38
RMS 28.76
signal [adc counts]

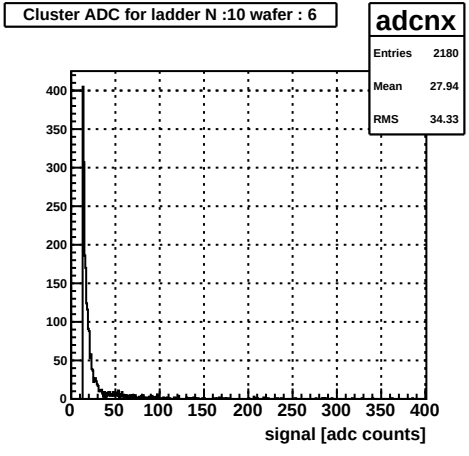

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 1452
Mean 28.59
RMS 37.86
signal [adc counts]

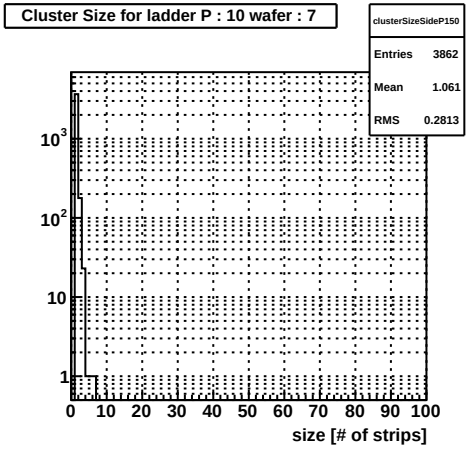

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 4514
Mean 1.061
RMS 0.2845
size [# of strips]

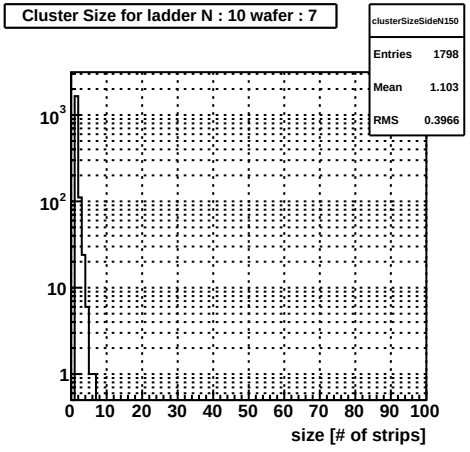

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 2180
Mean 1.229
RMS 0.7766
size [# of strips]

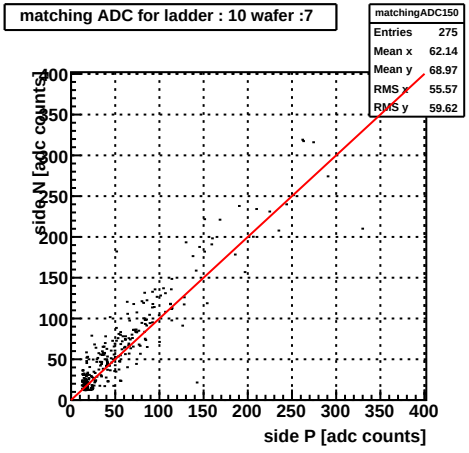

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 355
Mean x 54.24
Mean y 52.37
RMS x 60.58
RMS y 59.66
side N [adc counts]
side P [adc counts]

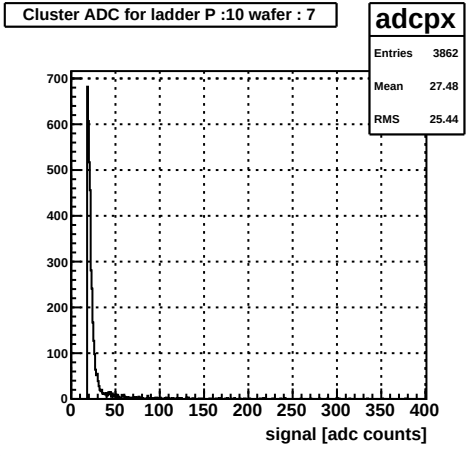

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 4514
Mean 27.91
RMS 24.13
signal [adc counts]

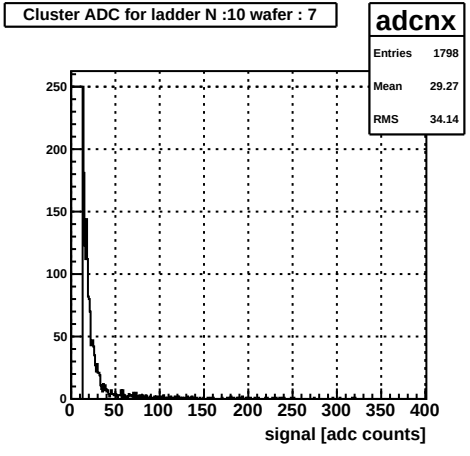

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 2180
Mean 27.94
RMS 34.33
signal [adc counts]

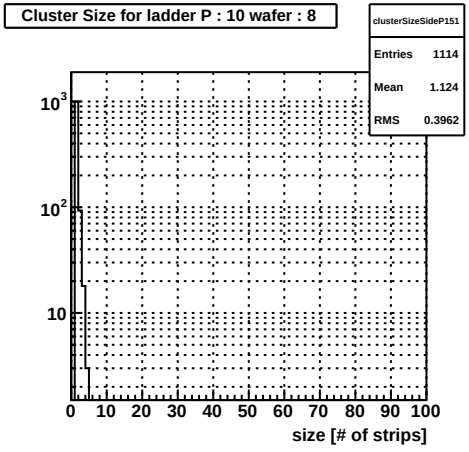

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 3862
Mean 1.061
RMS 0.2813
size [# of strips]

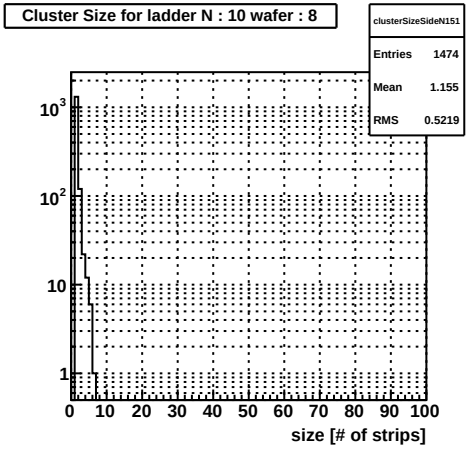

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 1798
Mean 1.103
RMS 0.3966
size [# of strips]

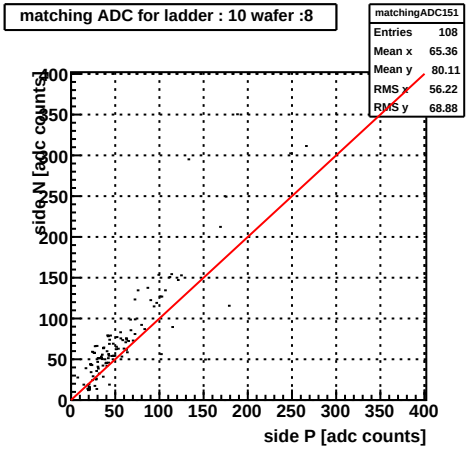

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 275
Mean x 62.14
Mean y 68.97
RMS x 55.57
RMS y 59.62
side N [adc counts]
side P [adc counts]

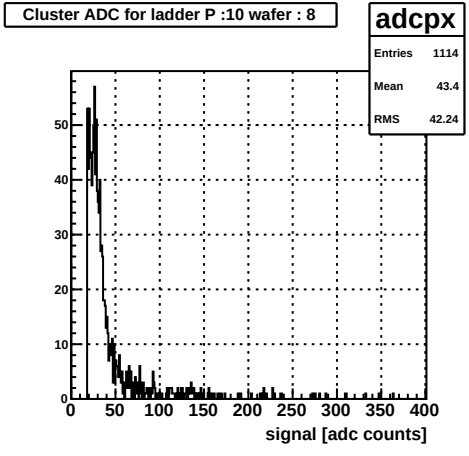

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 3862
Mean 27.48
RMS 25.44
signal [adc counts]

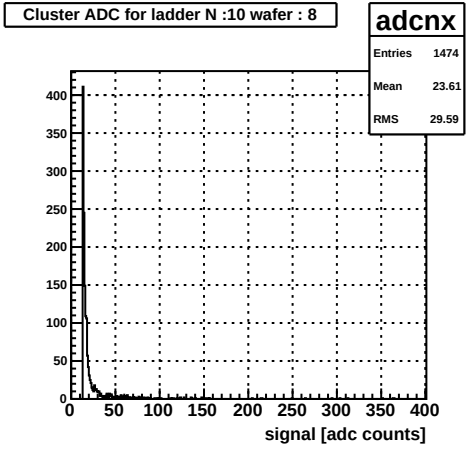

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 1798
Mean 29.27
RMS 34.14
signal [adc counts]

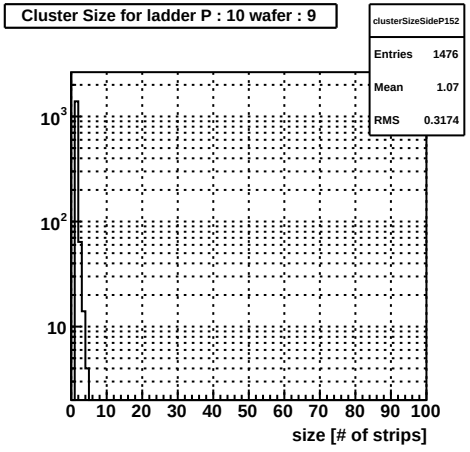

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 1114
Mean 1.124
RMS 0.3962
size [# of strips]

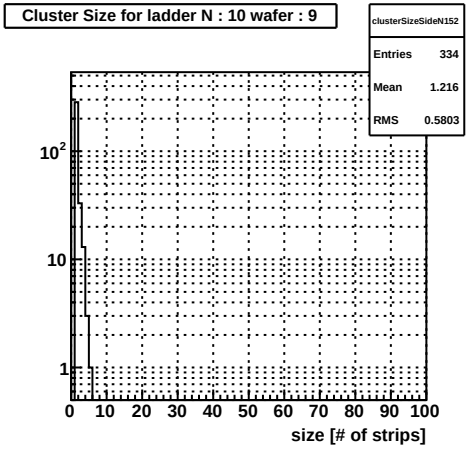

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 1474
Mean 1.155
RMS 0.5219
size [# of strips]

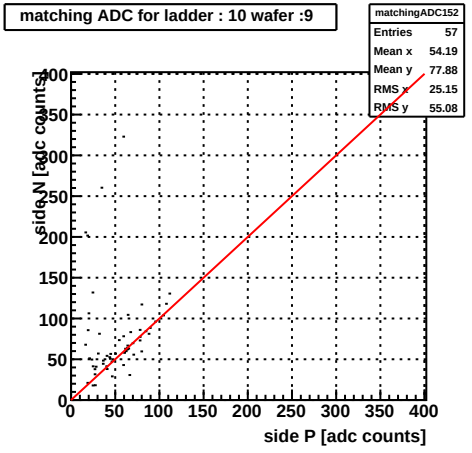

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 108
Mean x 65.36
Mean y 80.11
RMS x 56.22
RMS y 68.88
side N [adc counts]
side P [adc counts]

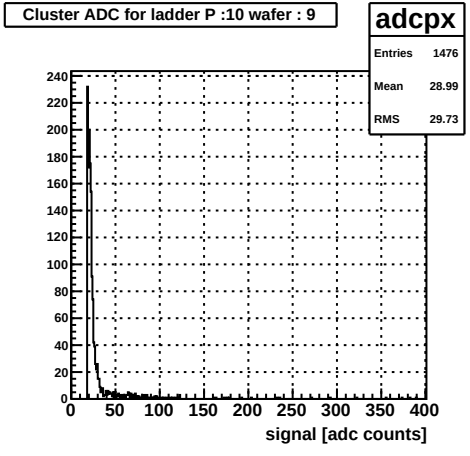

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 1114
Mean 43.4
RMS 42.24
signal [adc counts]

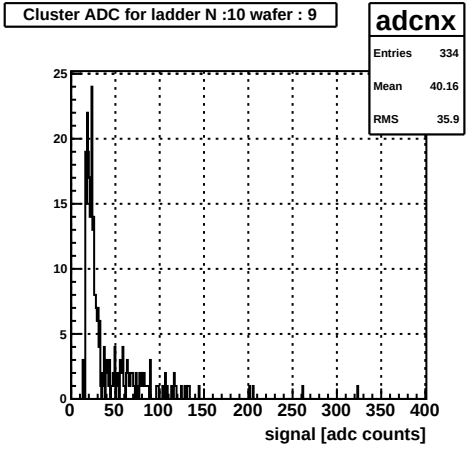

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 1474
Mean 23.61
RMS 29.59
signal [adc counts]

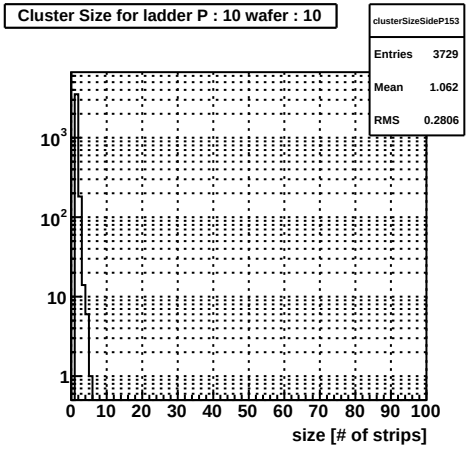

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 1476
Mean 1.07
RMS 0.3174
size [# of strips]

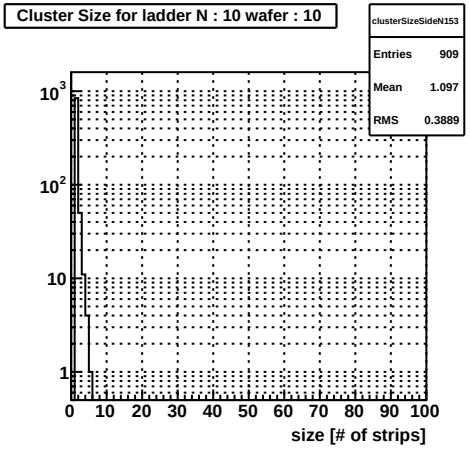

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 334
Mean 1.216
RMS 0.5803
size [# of strips]

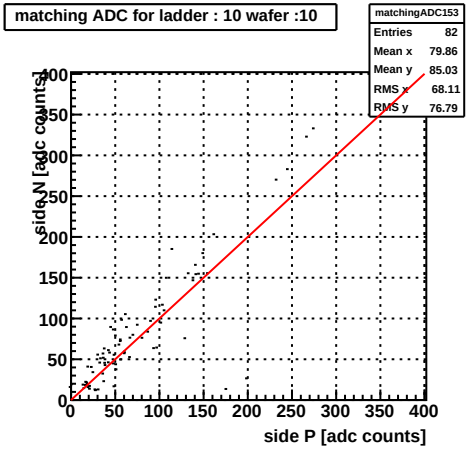

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 57
Mean x 54.19
Mean y 77.88
RMS x 25.15
RMS y 55.08
side N [adc counts]
side P [adc counts]

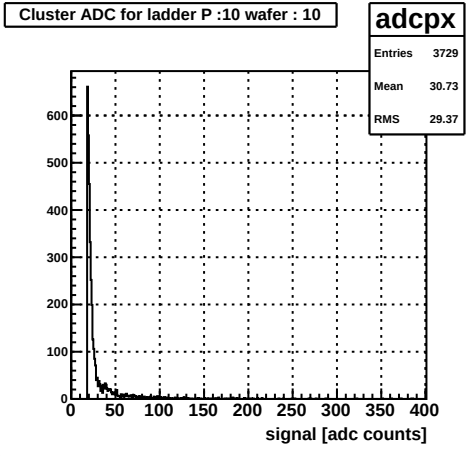

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 1476
Mean 28.99
RMS 29.73
signal [adc counts]

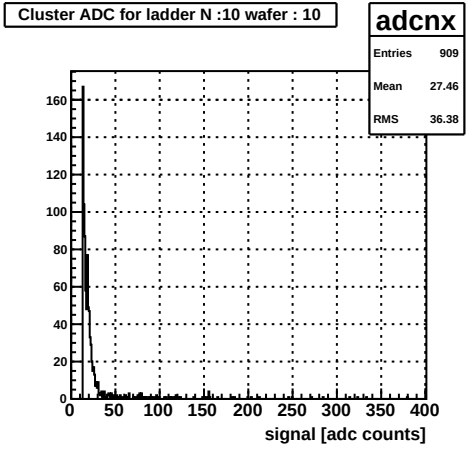

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 334
Mean 40.16
RMS 35.9
signal [adc counts]

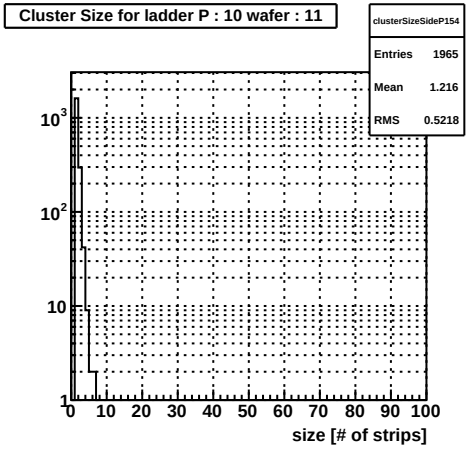

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 3729
Mean 1.062
RMS 0.2806
size [# of strips]

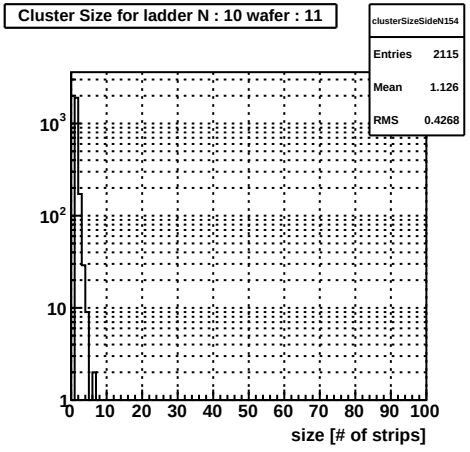

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 909
Mean 1.097
RMS 0.3889
size [# of strips]

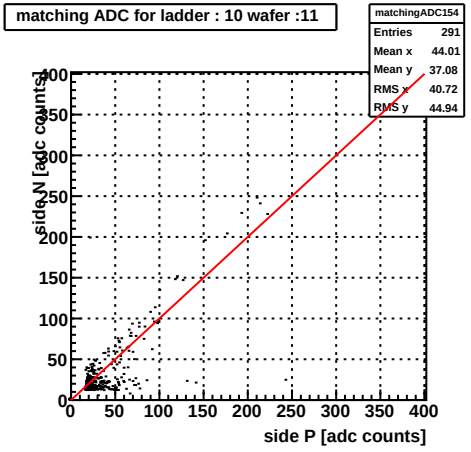

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 82
Mean x 79.86
Mean y 85.03
RMS x 68.11
RMS y 76.79
side N [adc counts]
side P [adc counts]

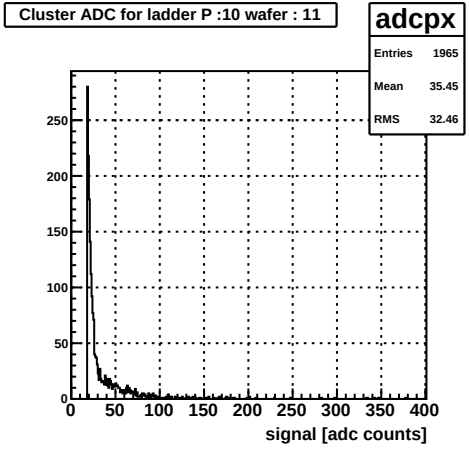

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 3729
Mean 30.73
RMS 29.37
signal [adc counts]

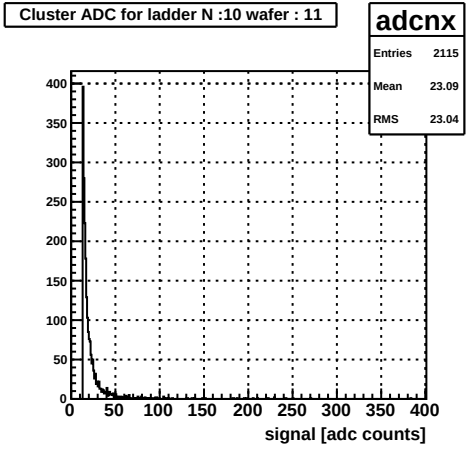

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 909
Mean 27.46
RMS 36.38
signal [adc counts]

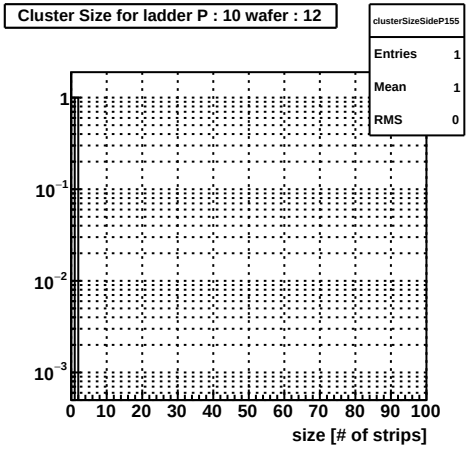

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 1965
Mean 1.216
RMS 0.5218
size [# of strips]

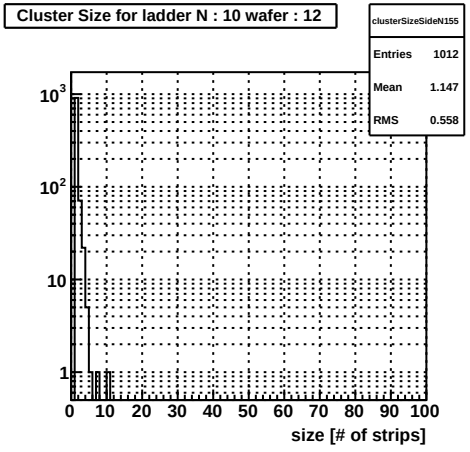

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 2115
Mean 1.126
RMS 0.4268
size [# of strips]

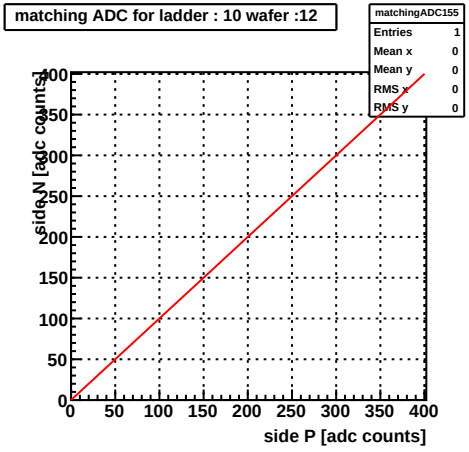

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 291
Mean x 44.01
Mean y 37.08
RMS x 40.72
RMS y 44.94
side N [adc counts]
side P [adc counts]

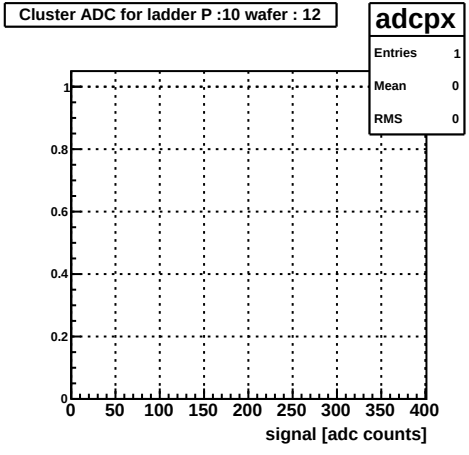

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 1965
Mean 35.45
RMS 32.46
signal [adc counts]

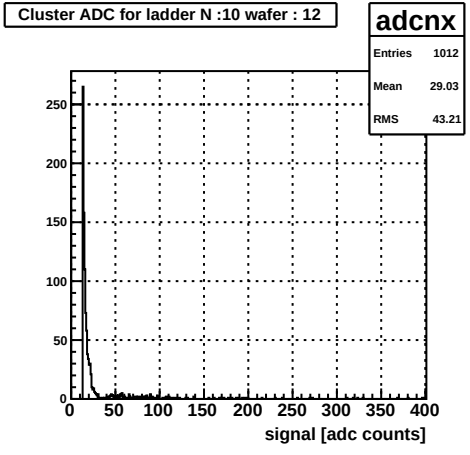

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 2115
Mean 23.09
RMS 23.04
signal [adc counts]

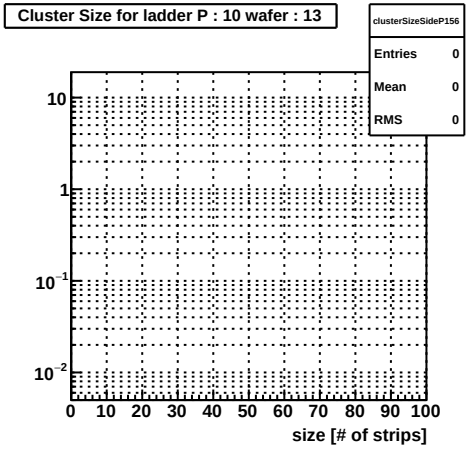

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 1
Mean 1
RMS 0
size [# of strips]

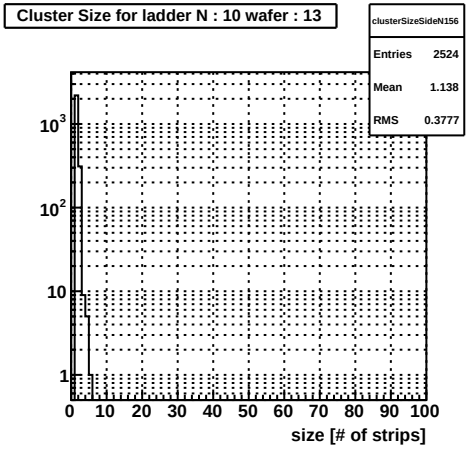

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 1012
Mean 1.147
RMS 0.558
size [# of strips]

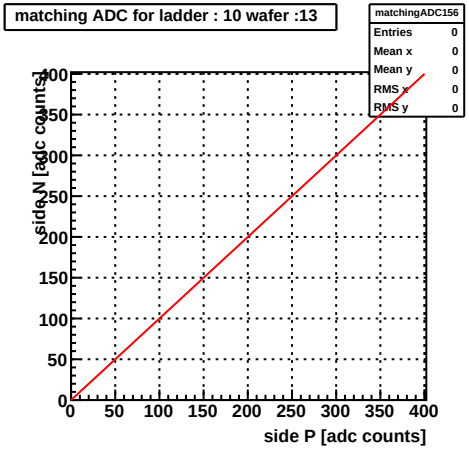

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

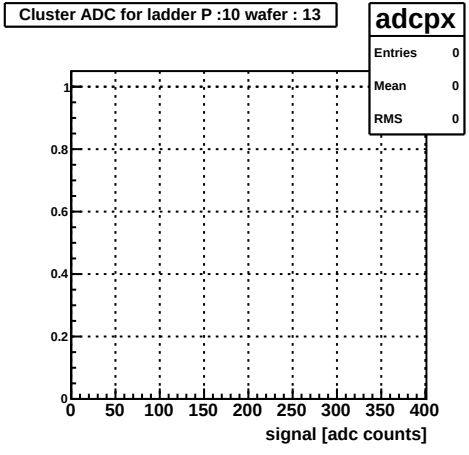

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

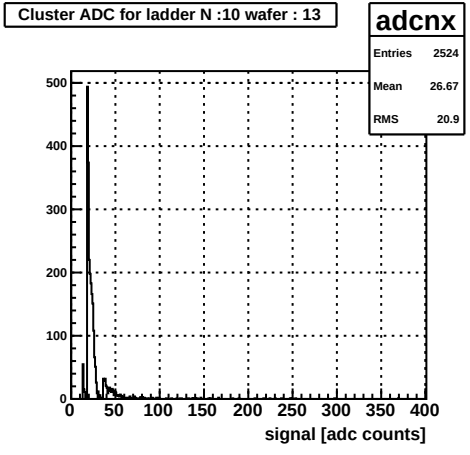

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 1012
Mean 29.03
RMS 43.21
signal [adc counts]

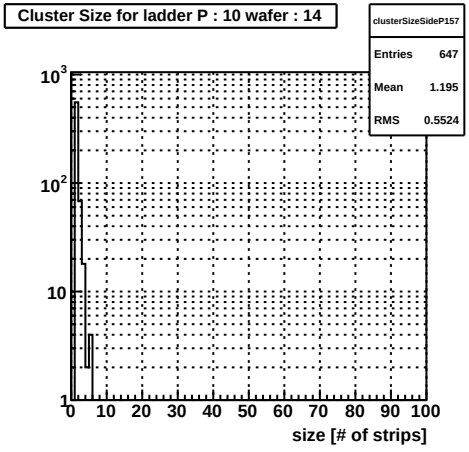

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

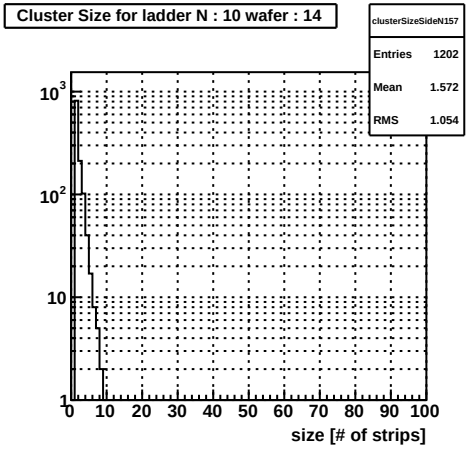

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 2524
Mean 1.138
RMS 0.3777
size [# of strips]

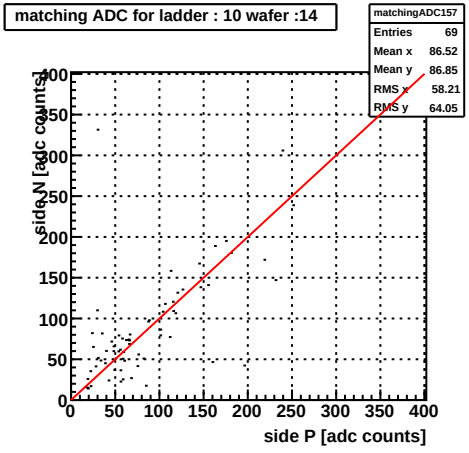

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

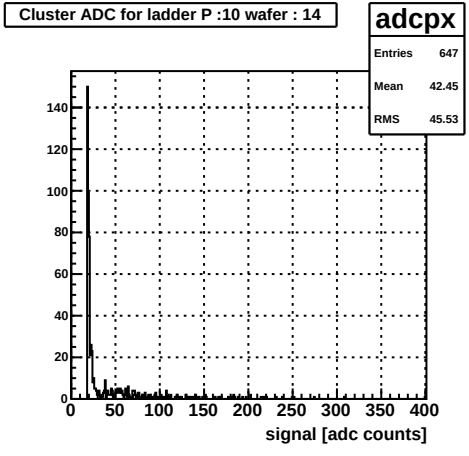

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

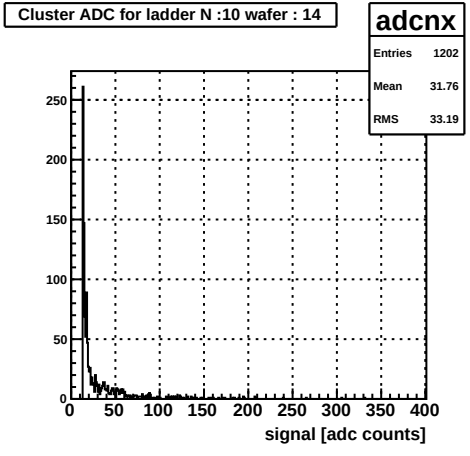

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 2524
Mean 26.67
RMS 20.9
signal [adc counts]

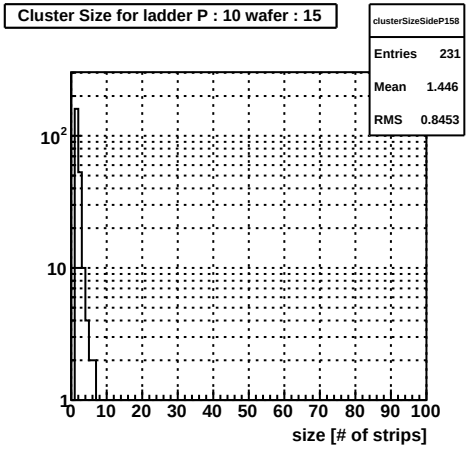

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 647
Mean 1.195
RMS 0.5524
size [# of strips]

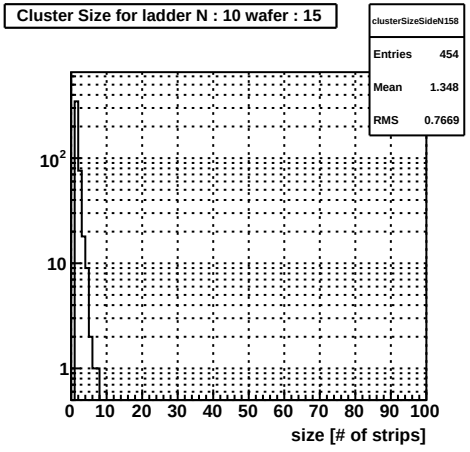

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 1202
Mean 1.572
RMS 1.054
size [# of strips]

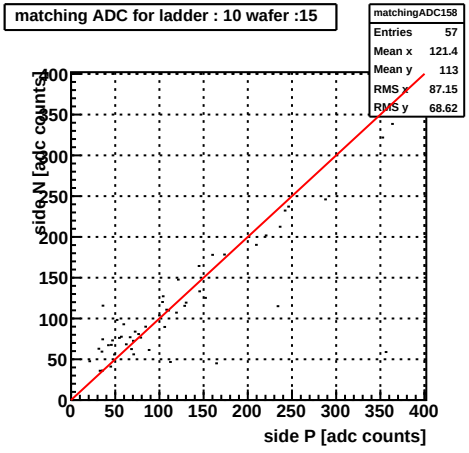

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 69
Mean x 86.52
Mean y 86.85
RMS x 58.21
RMS y 64.05
side N [adc counts]
side P [adc counts]

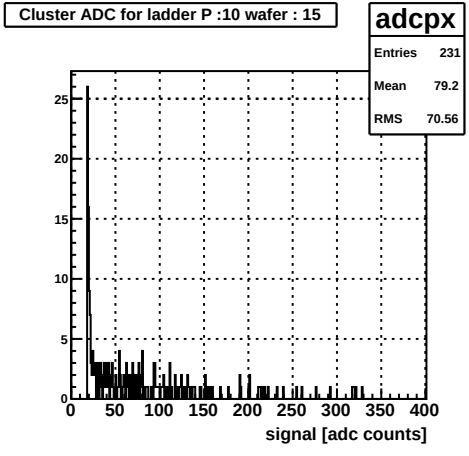

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 647
Mean 42.45
RMS 45.53
signal [adc counts]

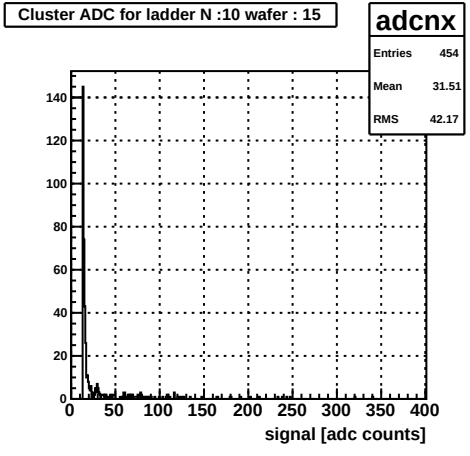

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 1202
Mean 31.76
RMS 33.19
signal [adc counts]

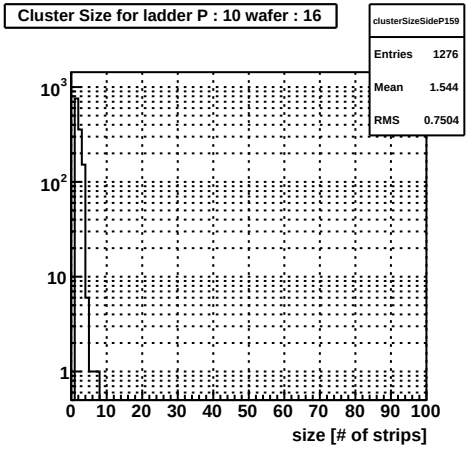

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 231
Mean 1.446
RMS 0.8453
size [# of strips]

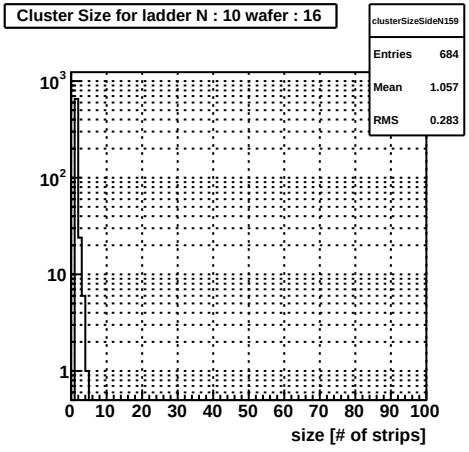

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 454
Mean 1.348
RMS 0.7669
size [# of strips]

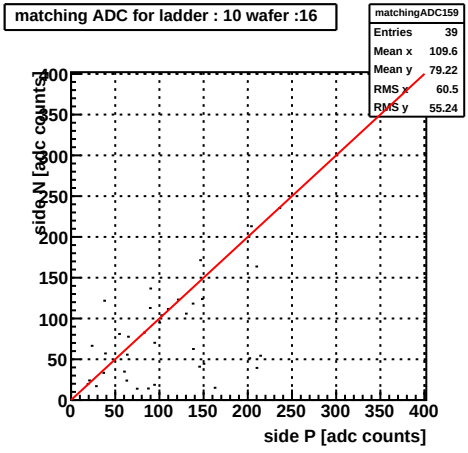

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 57
Mean x 121.4
Mean y 113
RMS x 87.15
RMS y 68.62
side N [adc counts]
side P [adc counts]

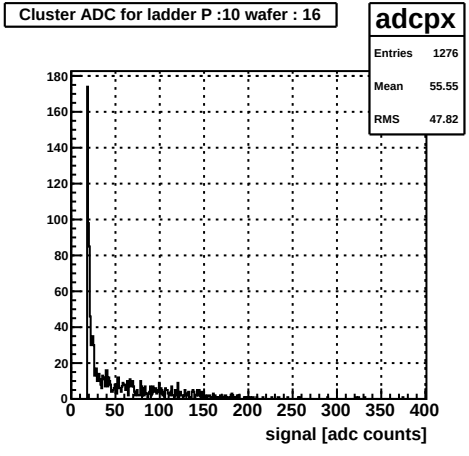

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 231
Mean 79.2
RMS 70.56
signal [adc counts]

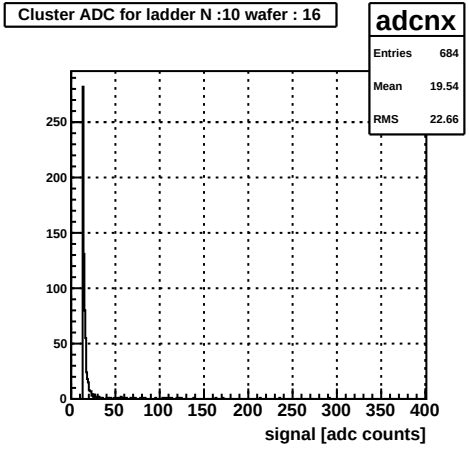

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 454
Mean 31.51
RMS 42.17
signal [adc counts]

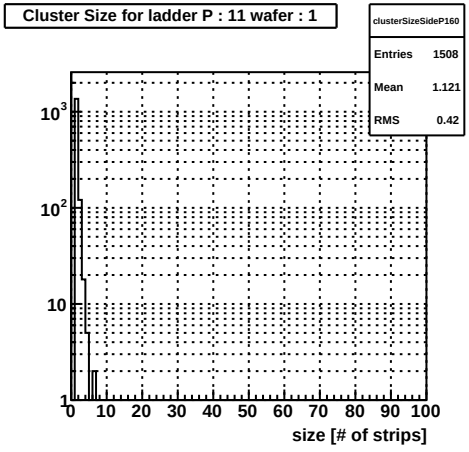

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 1276
Mean 1.544
RMS 0.7504
size [# of strips]

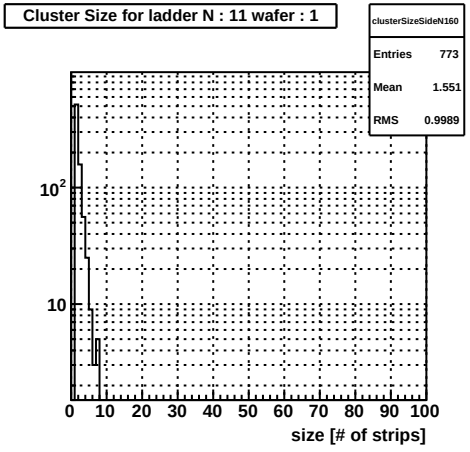

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 684
Mean 1.057
RMS 0.283
size [# of strips]

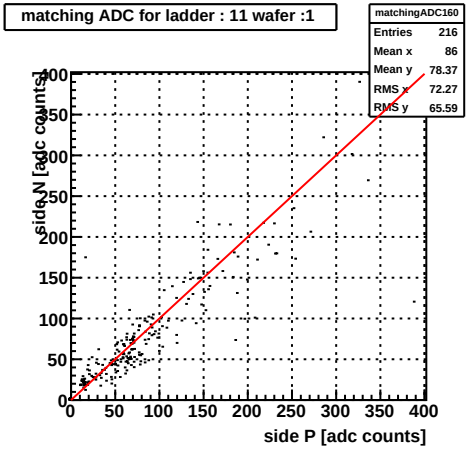

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 39
Mean x 109.6
Mean y 79.22
RMS x 60.5
RMS y 55.24
side N [adc counts]
side P [adc counts]

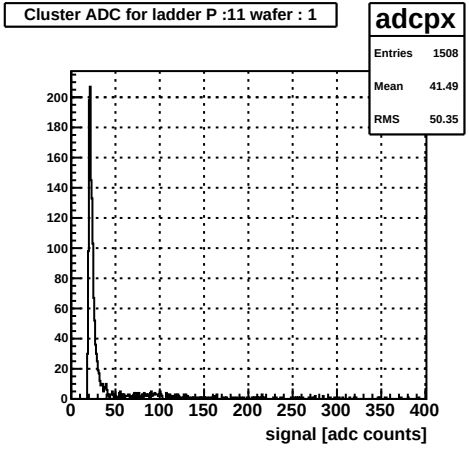

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 1276
Mean 55.55
RMS 47.82
signal [adc counts]

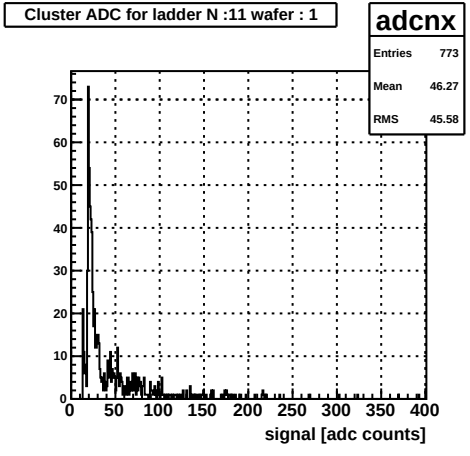

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 684
Mean 19.54
RMS 22.66
signal [adc counts]

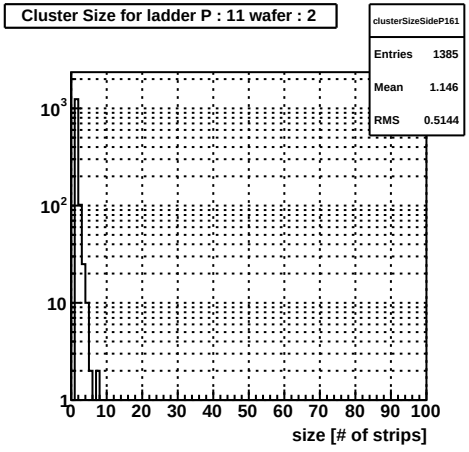

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 1508
Mean 1.121
RMS 0.42
size [# of strips]

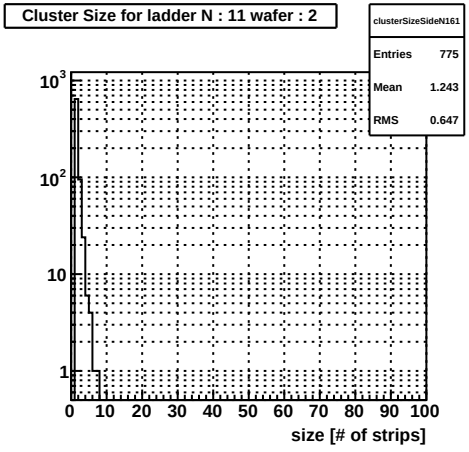

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 773
Mean 1.551
RMS 0.9989
size [# of strips]

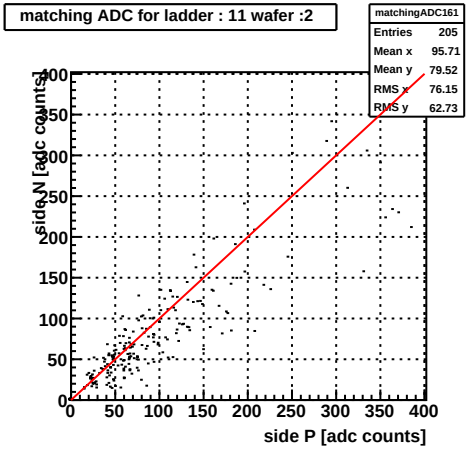

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 216
Mean x 86
Mean y 78.37
RMS x 72.27
RMS y 65.59
side N [adc counts]
side P [adc counts]

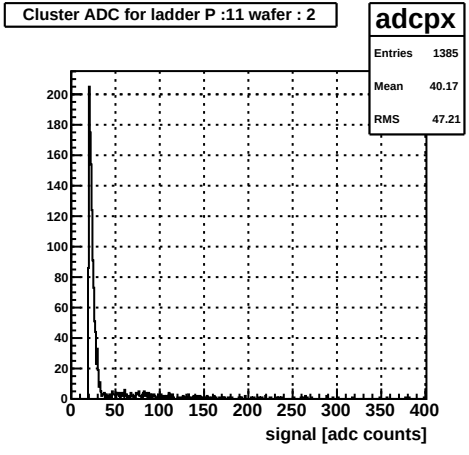

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 1508
Mean 41.49
RMS 50.35
signal [adc counts]

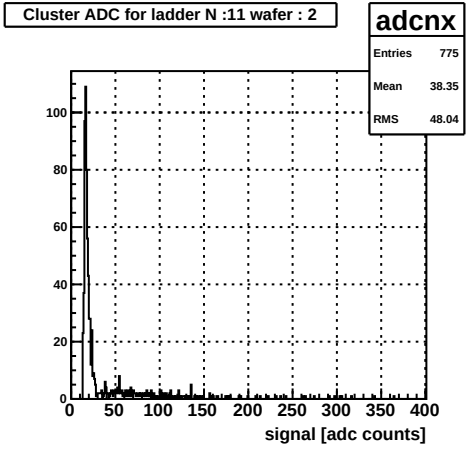

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 773
Mean 46.27
RMS 45.58
signal [adc counts]

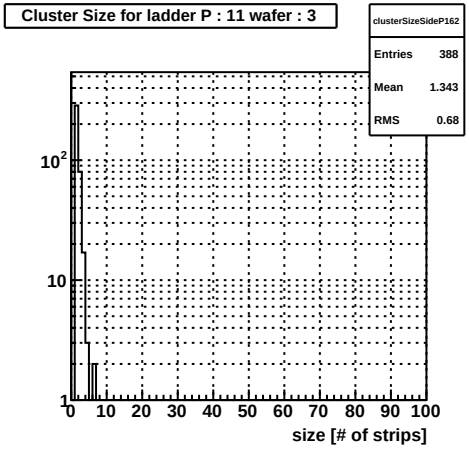

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 1385
Mean 1.146
RMS 0.5144
size [# of strips]

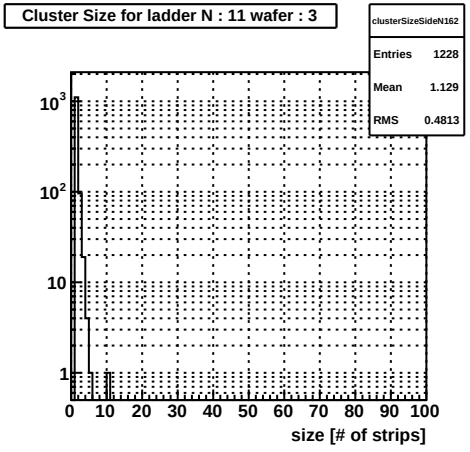

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 775
Mean 1.243
RMS 0.647
size [# of strips]

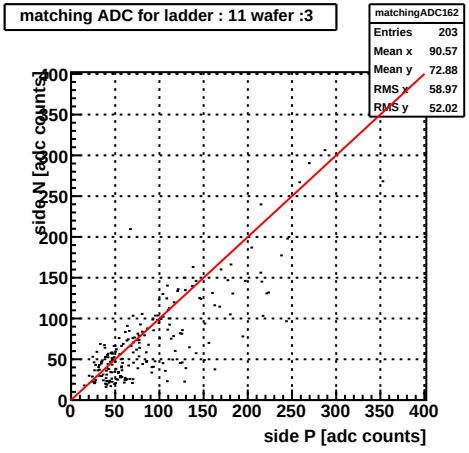

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 205
Mean x 95.71
Mean y 79.52
RMS x 76.15
RMS y 62.73
side N [adc counts]
side P [adc counts]

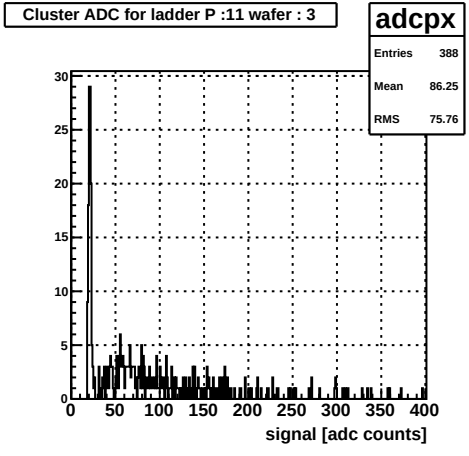

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 1385
Mean 40.17
RMS 47.21
signal [adc counts]

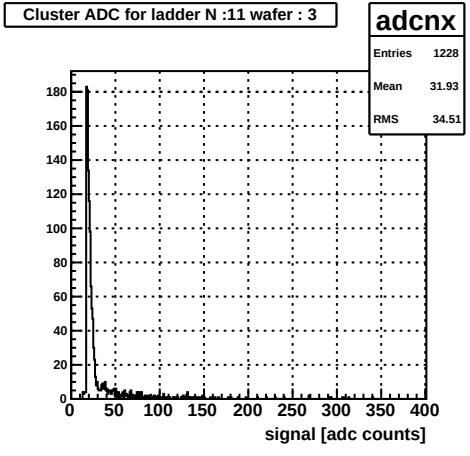

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 775
Mean 38.35
RMS 48.04
signal [adc counts]

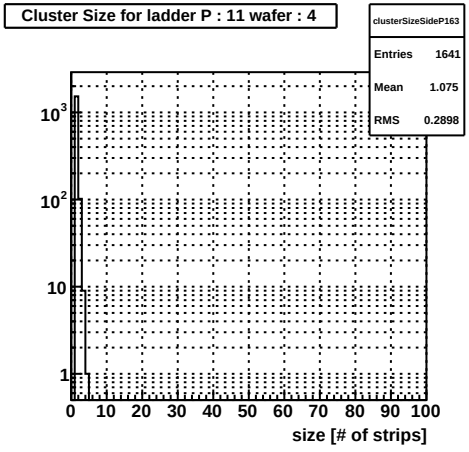

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 388
Mean 1.343
RMS 0.68
size [# of strips]

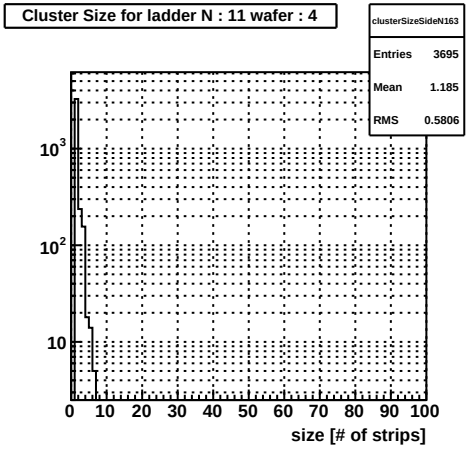

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 1228
Mean 1.129
RMS 0.4813
size [# of strips]

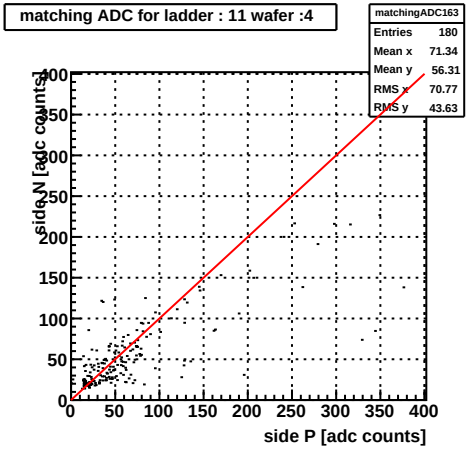

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 203
Mean x 90.57
Mean y 72.88
RMS x 58.97
RMS y 52.02
side N [adc counts]
side P [adc counts]

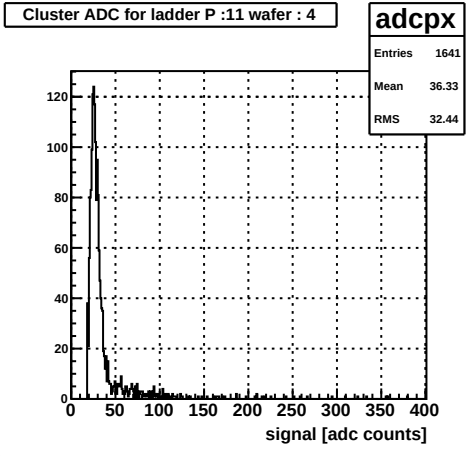

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 388
Mean 86.25
RMS 75.76
signal [adc counts]

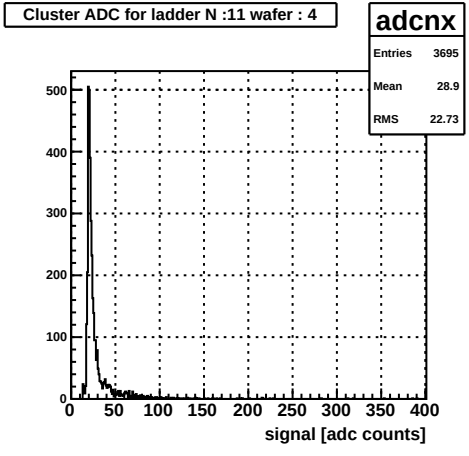

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 1228
Mean 31.93
RMS 34.51
signal [adc counts]

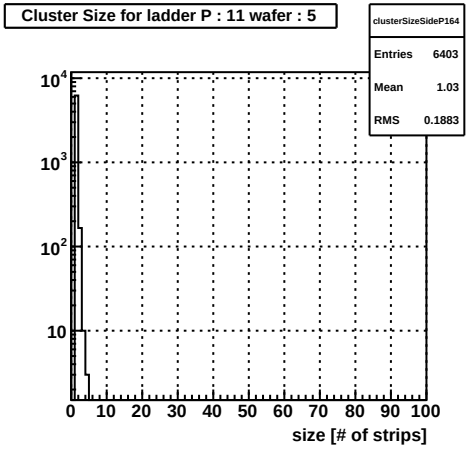

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 1641
Mean 1.075
RMS 0.2898
size [# of strips]

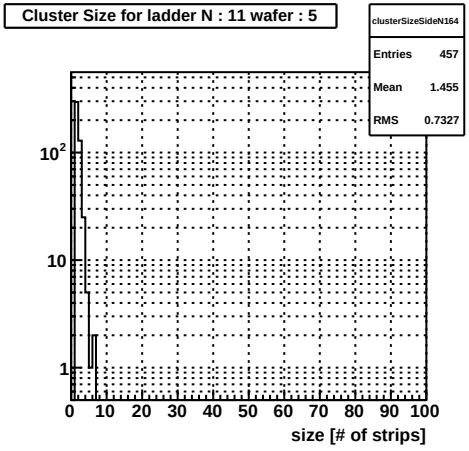

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 3695
Mean 1.185
RMS 0.5806
size [# of strips]

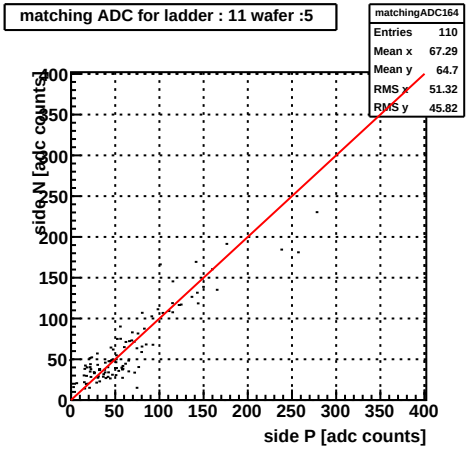

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 180
Mean x 71.34
Mean y 56.31
RMS x 70.77
RMS y 43.63
side N [adc counts]
side P [adc counts]

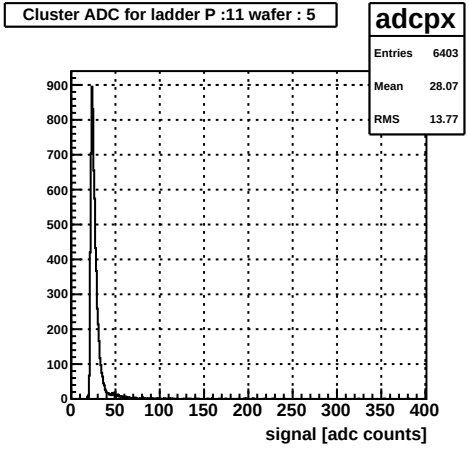

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 1641
Mean 36.33
RMS 32.44
signal [adc counts]

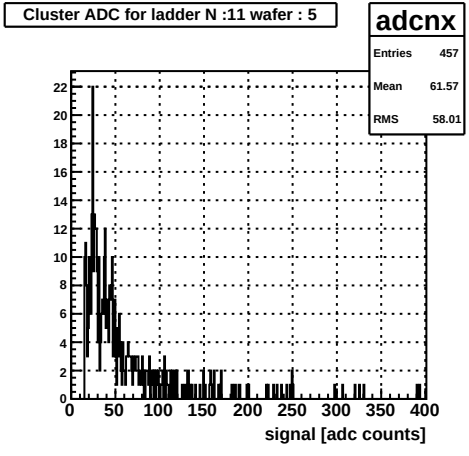

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 3695
Mean 28.9
RMS 22.73
signal [adc counts]

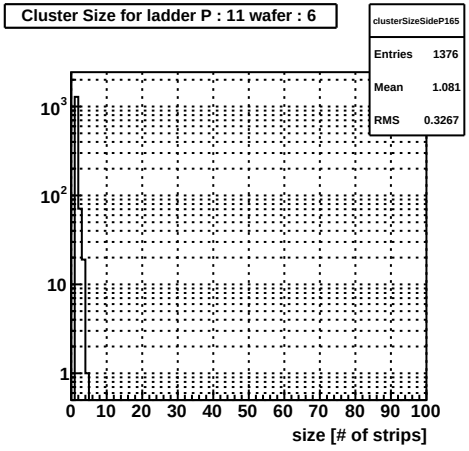

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 6403
Mean 1.03
RMS 0.1883
size [# of strips]

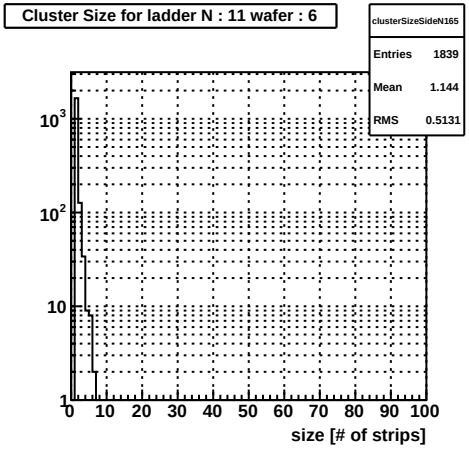

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 457
Mean 1.455
RMS 0.7327
size [# of strips]

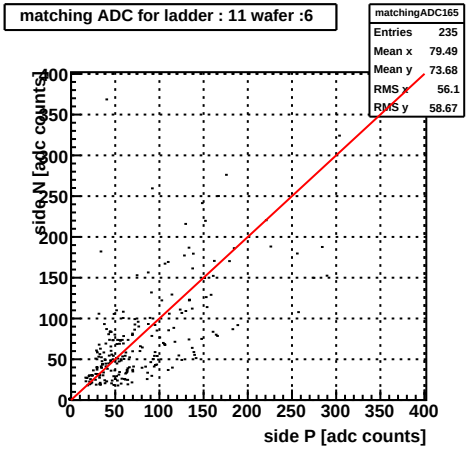

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 110
Mean x 67.29
Mean y 64.7
RMS x 51.32
RMS y 45.82
side N [adc counts]
side P [adc counts]

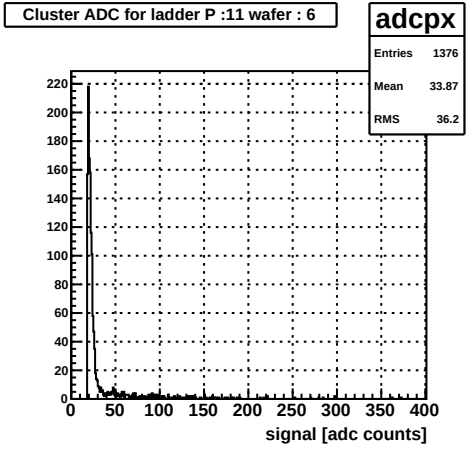

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 6403
Mean 28.07
RMS 13.77
signal [adc counts]

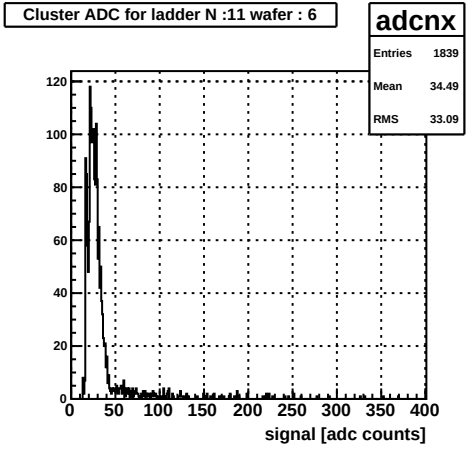

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 457
Mean 61.57
RMS 58.01
signal [adc counts]

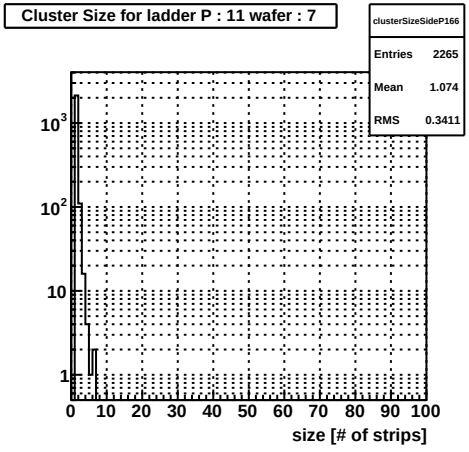

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 1376
Mean 1.081
RMS 0.3267
size [# of strips]

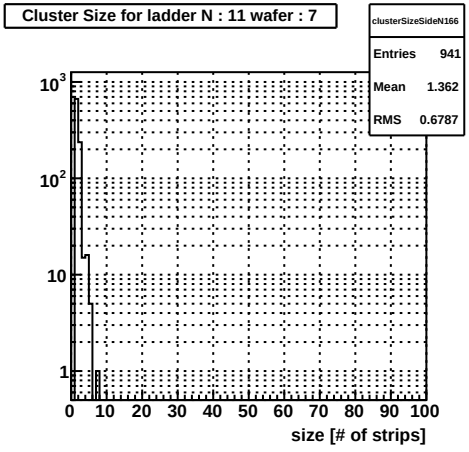

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 1839
Mean 1.144
RMS 0.5131
size [# of strips]

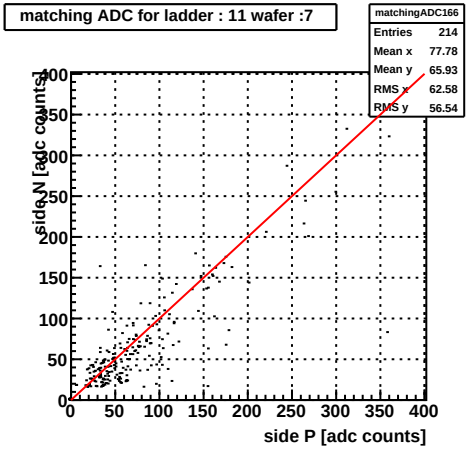

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 235
Mean x 79.49
Mean y 73.68
RMS x 56.1
RMS y 58.67
side N [adc counts]
side P [adc counts]

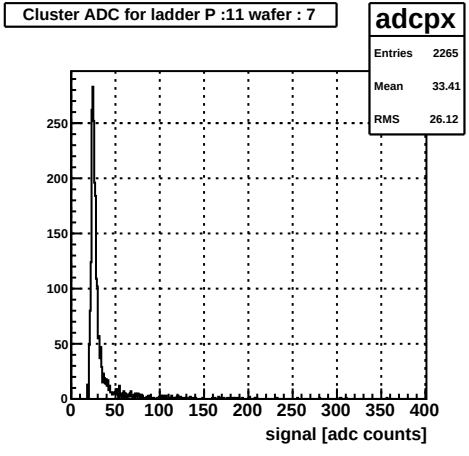

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 1376
Mean 33.87
RMS 36.2
signal [adc counts]

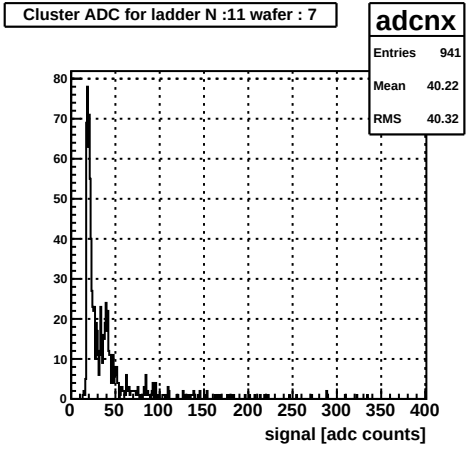

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 1839
Mean 34.49
RMS 33.09
signal [adc counts]

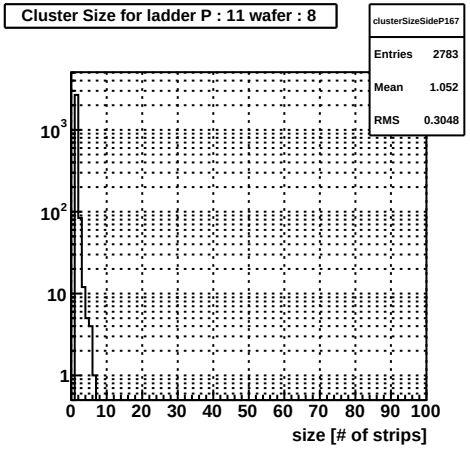

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 2265
Mean 1.074
RMS 0.3411
size [# of strips]

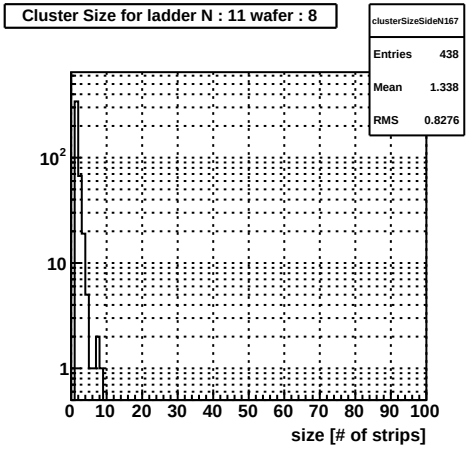

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 941
Mean 1.362
RMS 0.6787
size [# of strips]

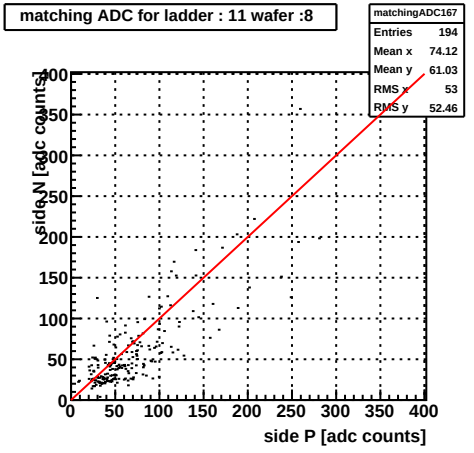

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 214
Mean x 77.78
Mean y 65.93
RMS x 62.58
RMS y 56.54
side N [adc counts]
side P [adc counts]

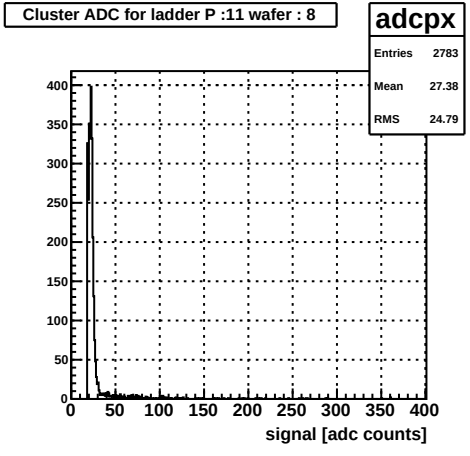

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 2265
Mean 33.41
RMS 26.12
signal [adc counts]

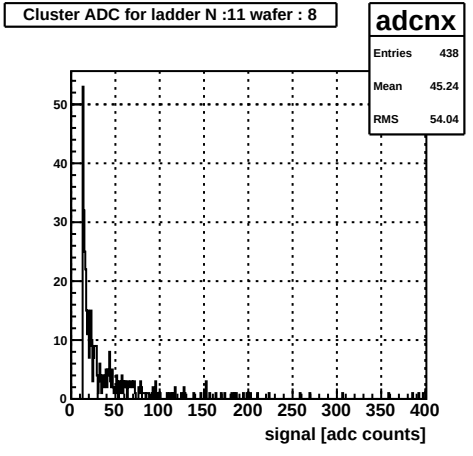

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 941
Mean 40.22
RMS 40.32
signal [adc counts]

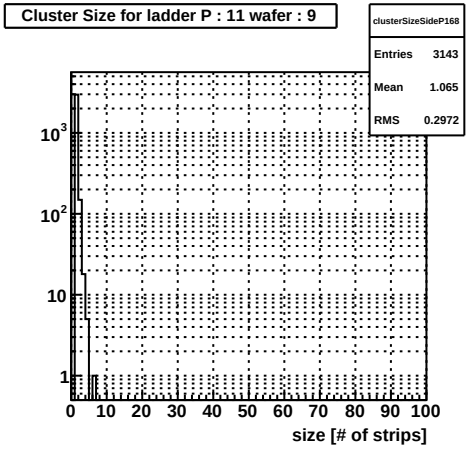

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 2783
Mean 1.052
RMS 0.3048
size [# of strips]

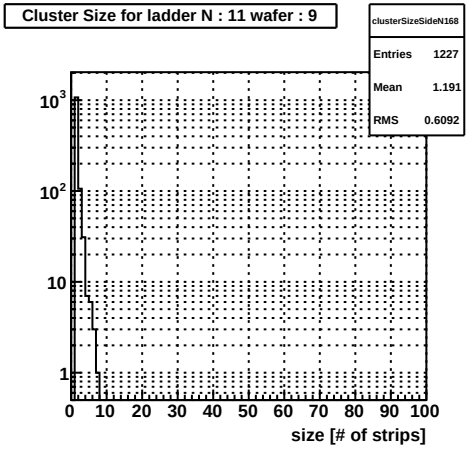

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 438
Mean 1.338
RMS 0.8276
size [# of strips]

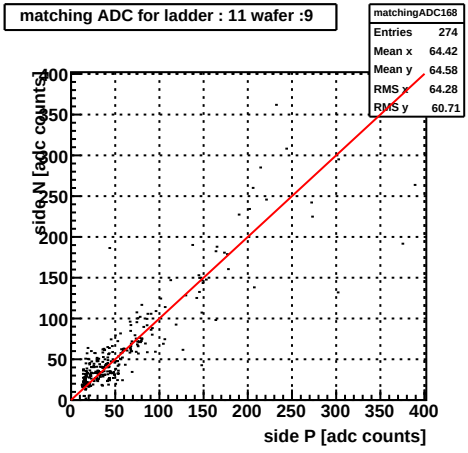

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 194
Mean x 74.12
Mean y 61.03
RMS x 53
RMS y 52.46
side N [adc counts]
side P [adc counts]

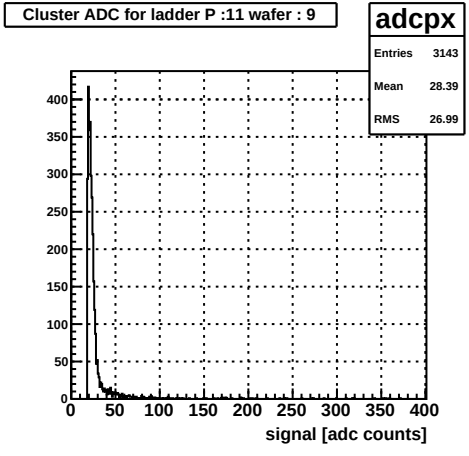

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 2783
Mean 27.38
RMS 24.79
signal [adc counts]

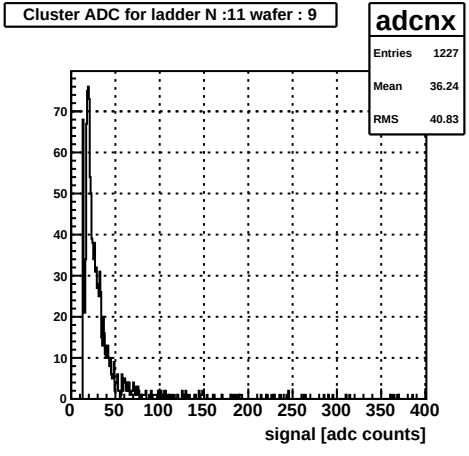

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 438
Mean 45.24
RMS 54.04
signal [adc counts]

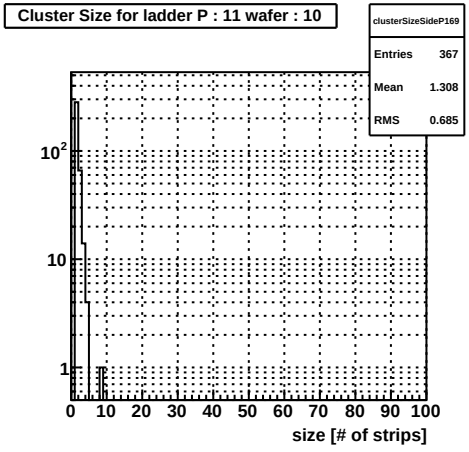

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 3143
Mean 1.065
RMS 0.2972
size [# of strips]

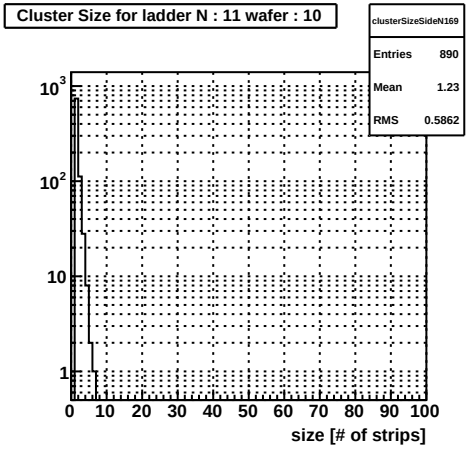

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 1227
Mean 1.191
RMS 0.6092
size [# of strips]

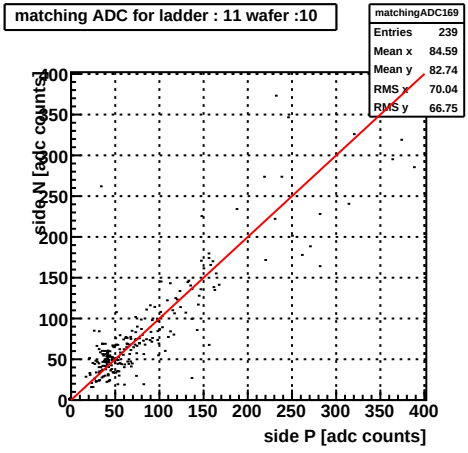

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 274
Mean x 64.42
Mean y 64.58
RMS x 64.28
RMS y 60.71
side N [adc counts]
side P [adc counts]

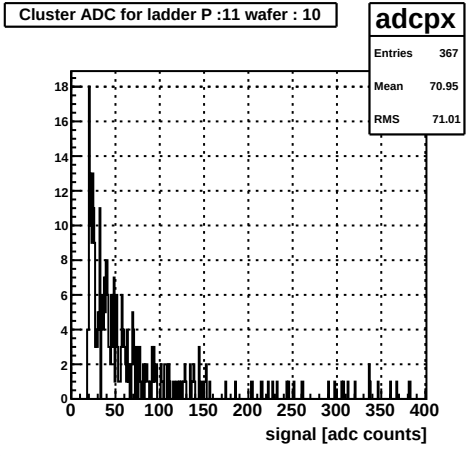

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 3143
Mean 28.39
RMS 26.99
signal [adc counts]

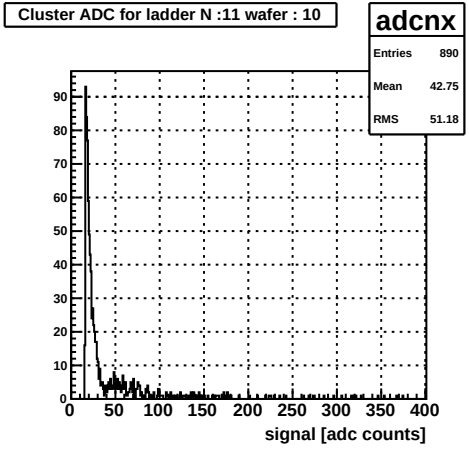

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 1227
Mean 36.24
RMS 40.83
signal [adc counts]

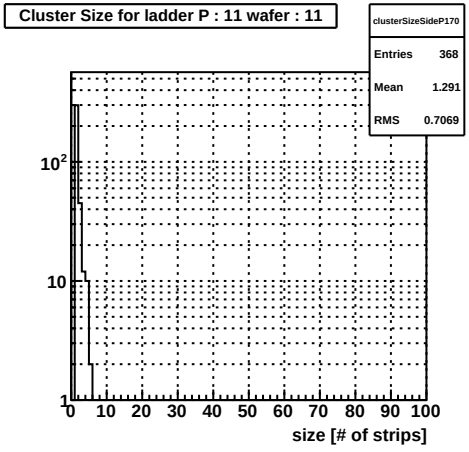

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 367
Mean 1.308
RMS 0.685
size [# of strips]

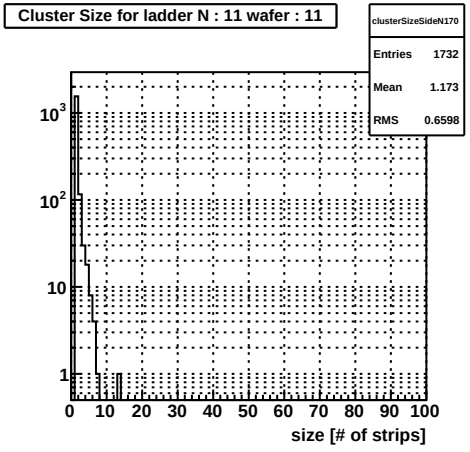

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 890
Mean 1.23
RMS 0.5862
size [# of strips]

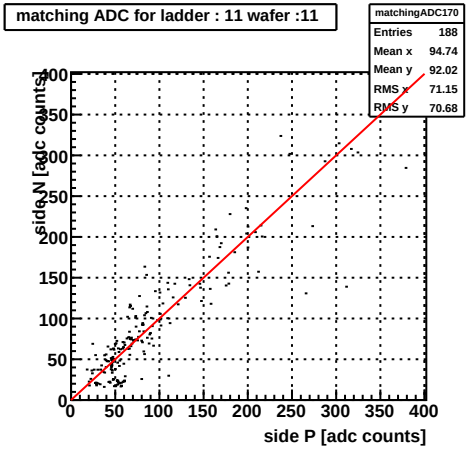

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 239
Mean x 84.59
Mean y 82.74
RMS x 70.04
RMS y 66.75
side N [adc counts]
side P [adc counts]

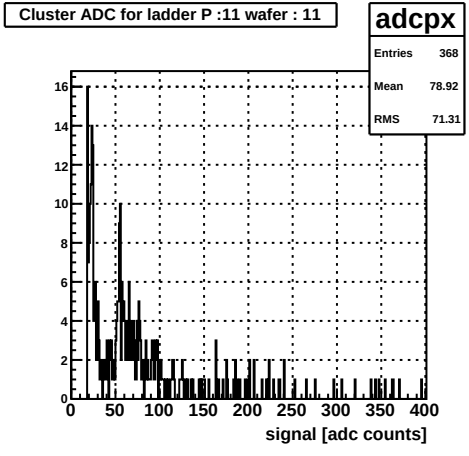

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 367
Mean 70.95
RMS 71.01
signal [adc counts]

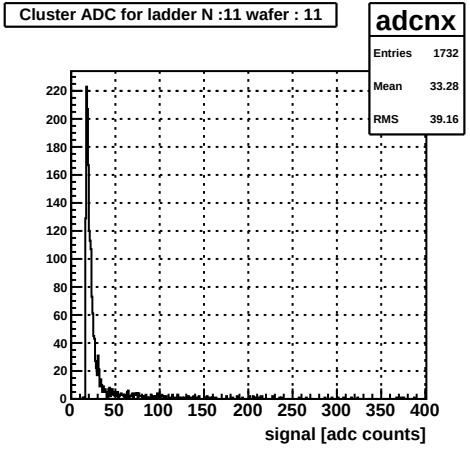

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 890
Mean 42.75
RMS 51.18
signal [adc counts]

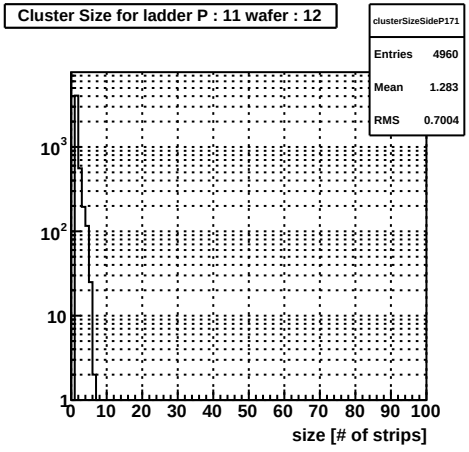

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 368
Mean 1.291
RMS 0.7069
size [# of strips]

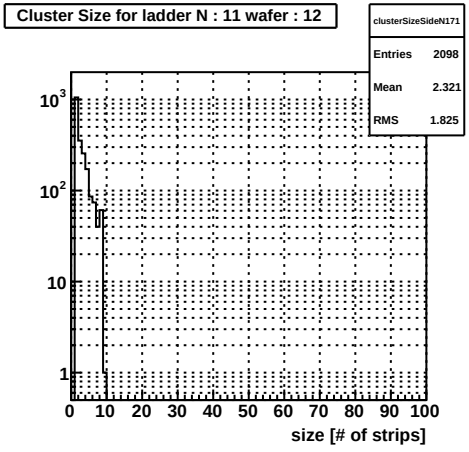

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 1732
Mean 1.173
RMS 0.6598
size [# of strips]

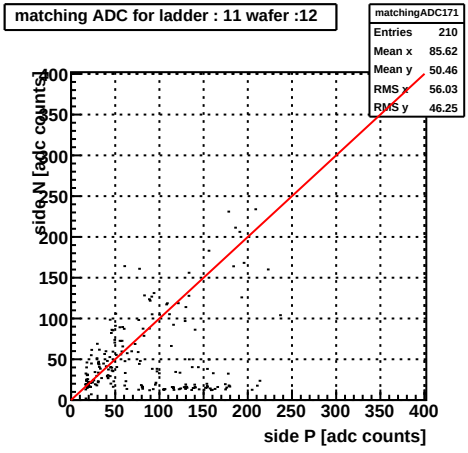

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 188
Mean x 94.74
Mean y 92.02
RMS x 71.15
RMS y 70.68
side N [adc counts]
side P [adc counts]

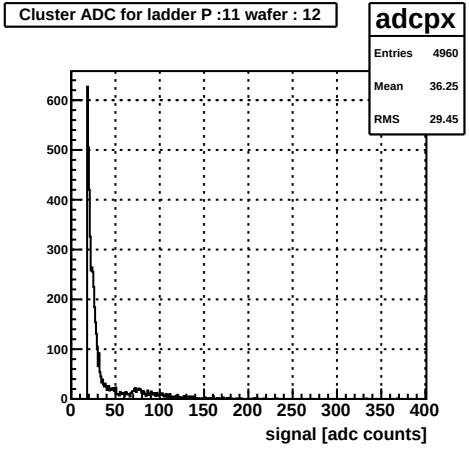

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 368
Mean 78.92
RMS 71.31
signal [adc counts]

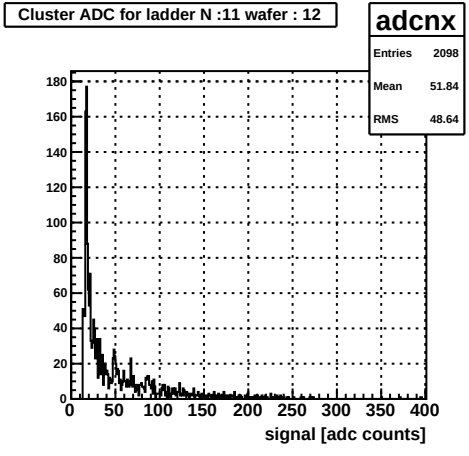

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 1732
Mean 33.28
RMS 39.16
signal [adc counts]

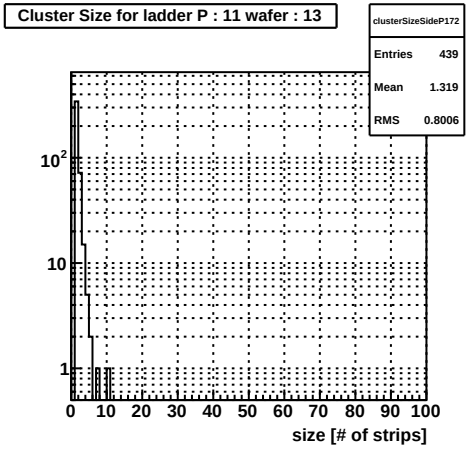

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 4960
Mean 1.283
RMS 0.7004
size [# of strips]

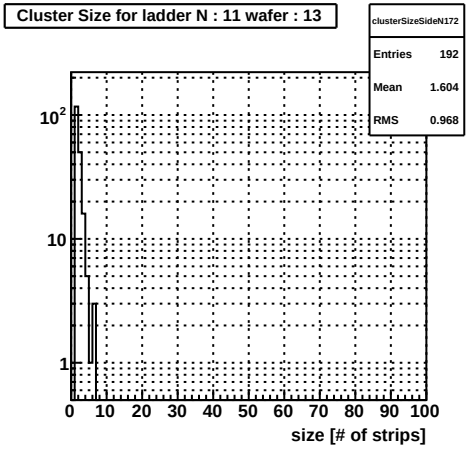

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 2098
Mean 2.321
RMS 1.825
size [# of strips]

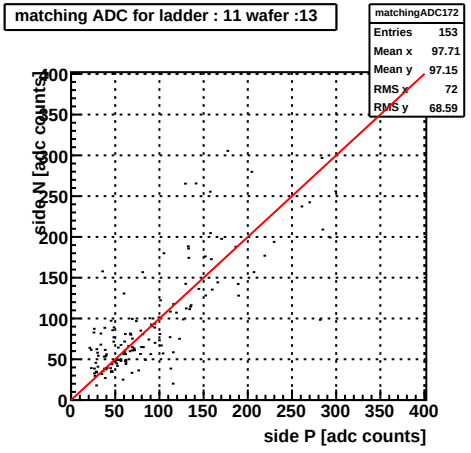

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 210
Mean x 85.62
Mean y 50.46
RMS x 56.03
RMS y 46.25
side N [adc counts]
side P [adc counts]

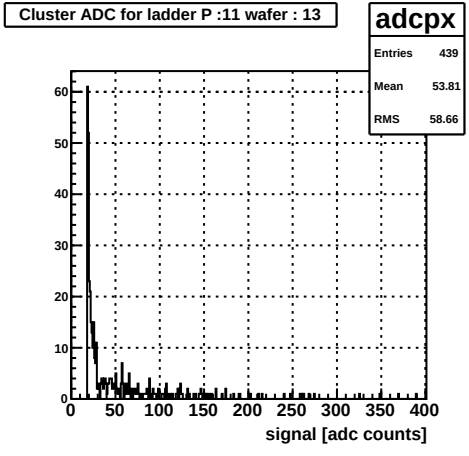

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 4960
Mean 36.25
RMS 29.45
signal [adc counts]

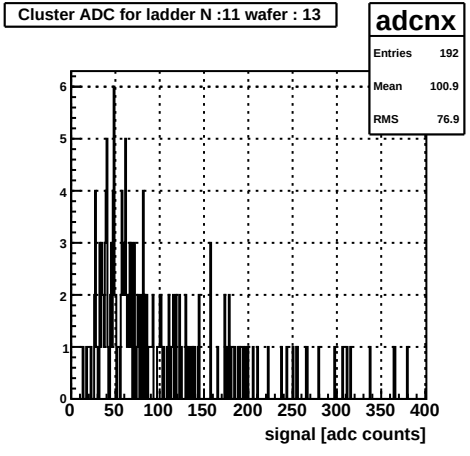

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 2098
Mean 51.84
RMS 48.64
signal [adc counts]

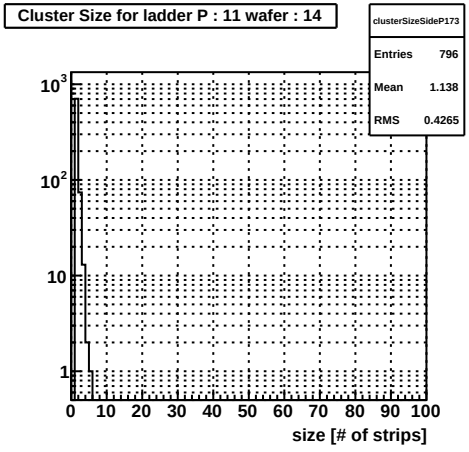

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 439
Mean 1.319
RMS 0.8006
size [# of strips]

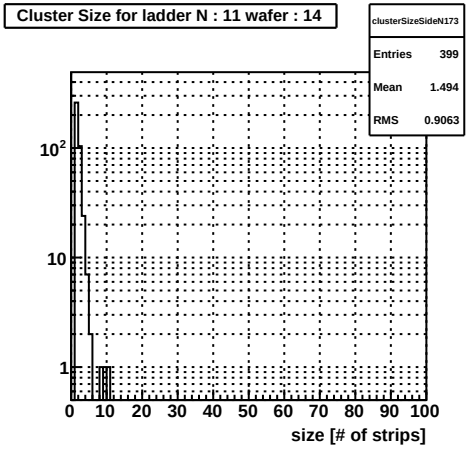

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 192
Mean 1.604
RMS 0.968
size [# of strips]

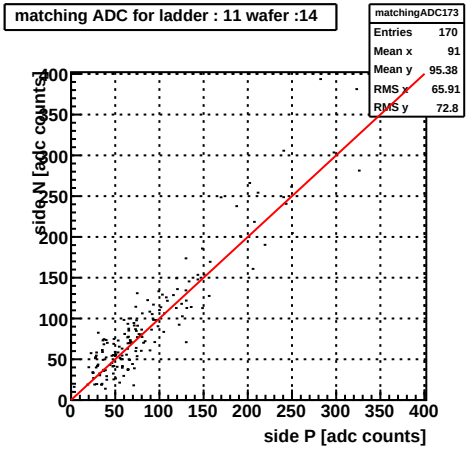

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 153
Mean x 97.71
Mean y 97.15
RMS x 72
RMS y 68.59
side N [adc counts]
side P [adc counts]

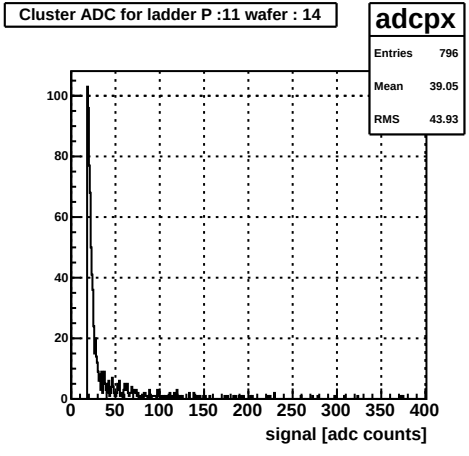

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 439
Mean 53.81
RMS 58.66
signal [adc counts]

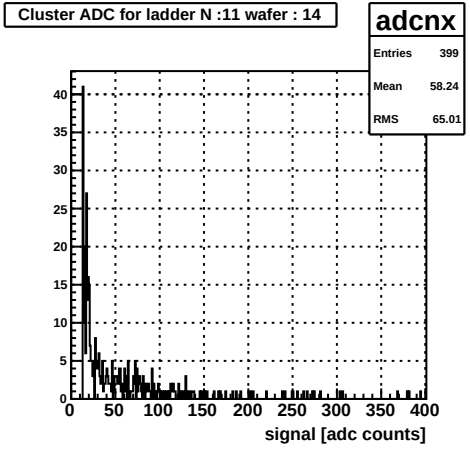

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 192
Mean 100.9
RMS 76.9
signal [adc counts]

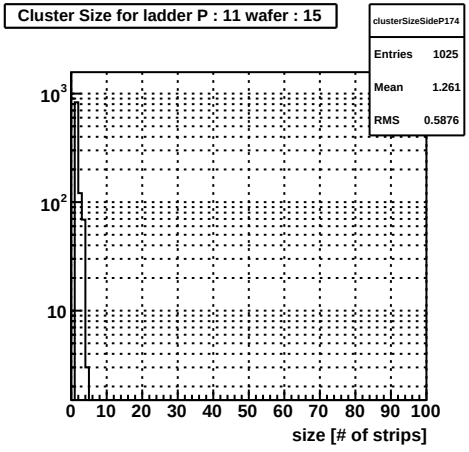

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 796
Mean 1.138
RMS 0.4265
size [# of strips]

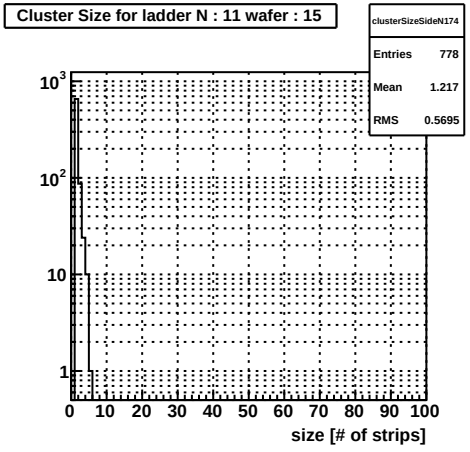

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 399
Mean 1.494
RMS 0.9063
size [# of strips]

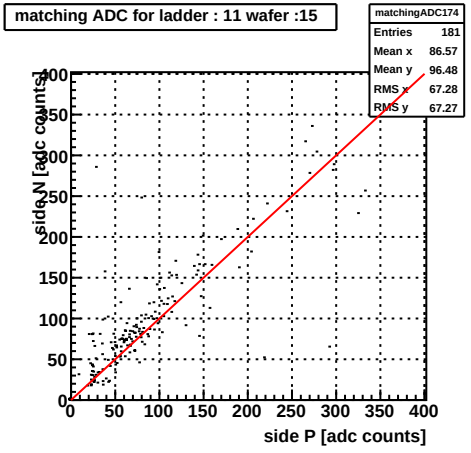

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 170
Mean x 91
Mean y 95.38
RMS x 65.91
RMS y 72.8
side N [adc counts]
side P [adc counts]

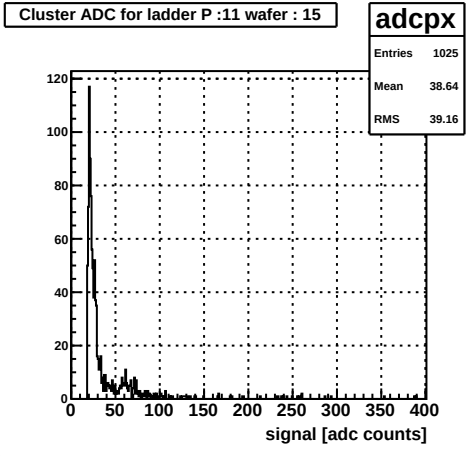

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 796
Mean 39.05
RMS 43.93
signal [adc counts]

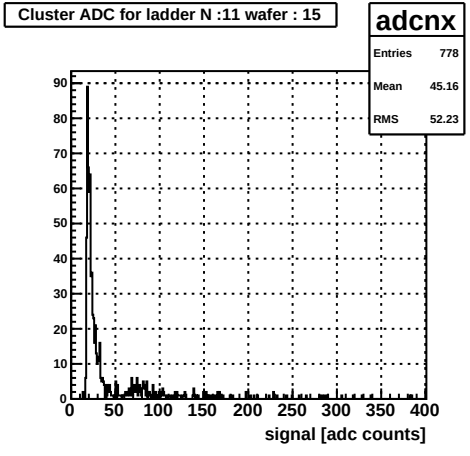

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 399
Mean 58.24
RMS 65.01
signal [adc counts]

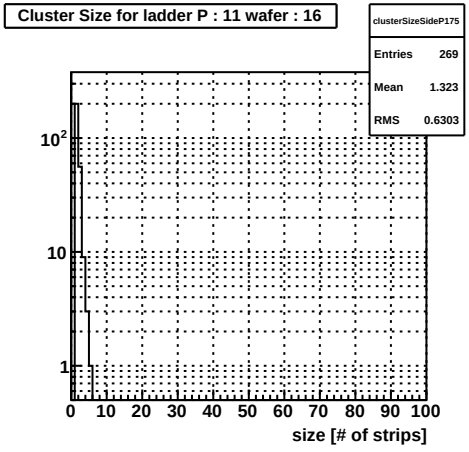

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 1025
Mean 1.261
RMS 0.5876
size [# of strips]

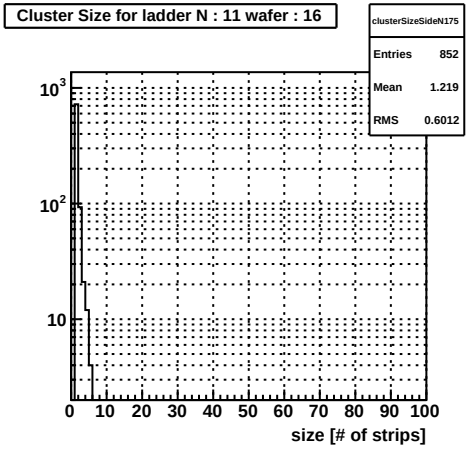

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 778
Mean 1.217
RMS 0.5695
size [# of strips]

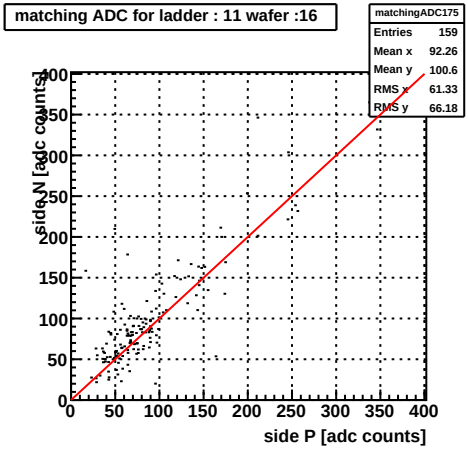

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 181
Mean x 86.57
Mean y 96.48
RMS x 67.28
RMS y 67.27
side N [adc counts]
side P [adc counts]

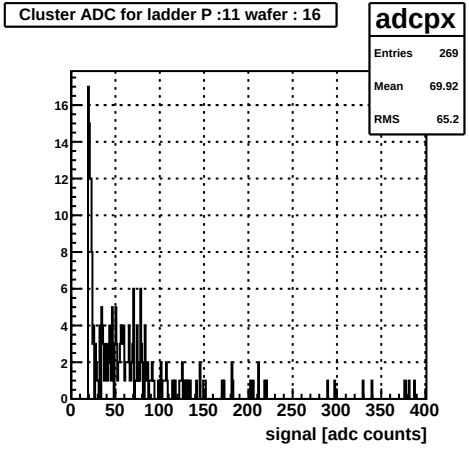

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 1025
Mean 38.64
RMS 39.16
signal [adc counts]

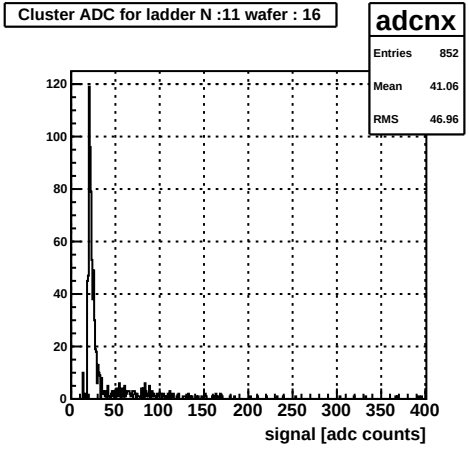

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 778
Mean 45.16
RMS 52.23
signal [adc counts]

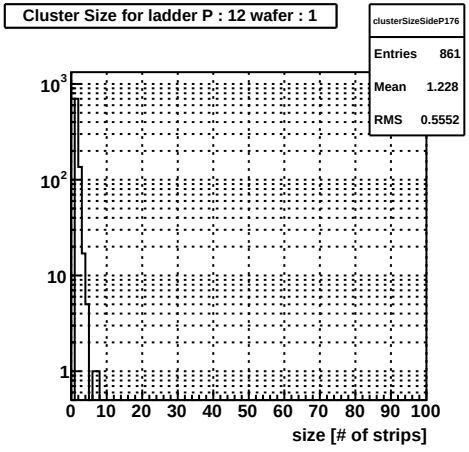

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 269
Mean 1.323
RMS 0.6303
size [# of strips]

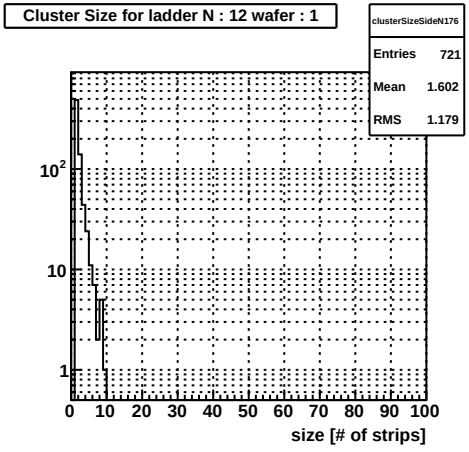

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 852
Mean 1.219
RMS 0.6012
size [# of strips]

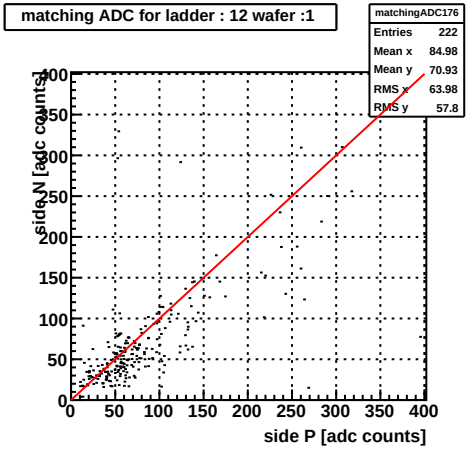

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 159
Mean x 92.26
Mean y 100.6
RMS x 61.33
RMS y 66.18
side N [adc counts]
side P [adc counts]

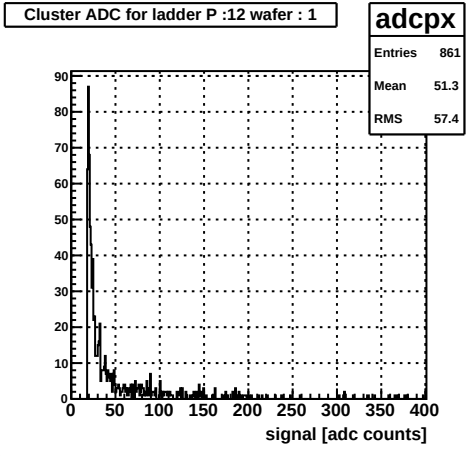

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 269
Mean 69.92
RMS 65.2
signal [adc counts]

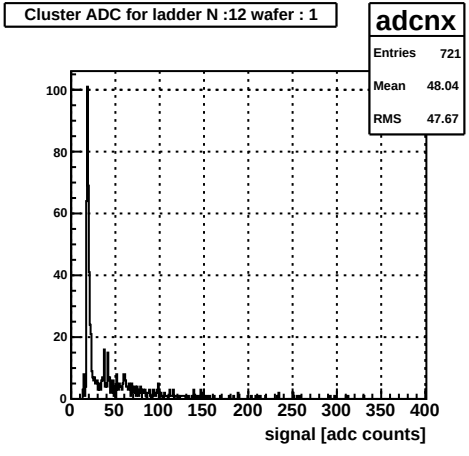

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 852
Mean 41.06
RMS 46.96
signal [adc counts]

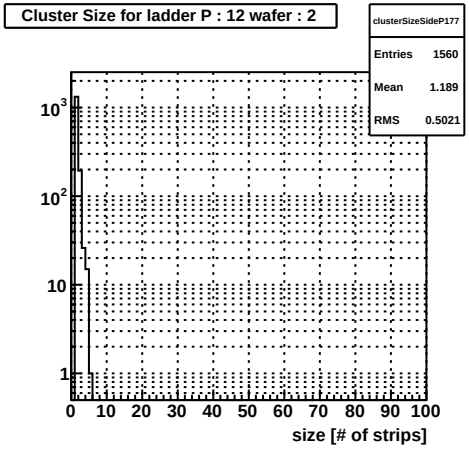

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 861
Mean 1.228
RMS 0.5552
size [# of strips]

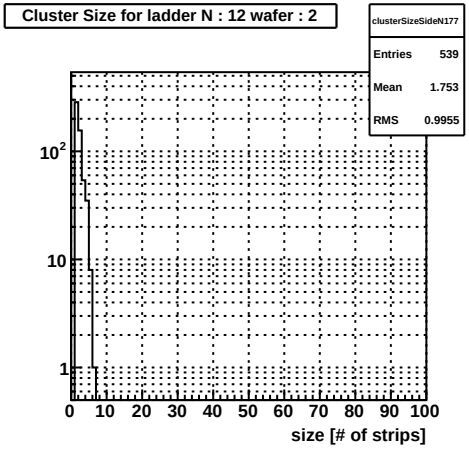

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 721
Mean 1.602
RMS 1.179
size [# of strips]

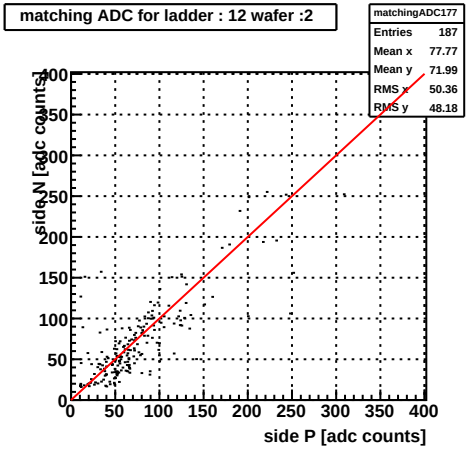

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 222
Mean x 84.98
Mean y 70.93
RMS x 63.98
RMS y 57.8
side N [adc counts]
side P [adc counts]

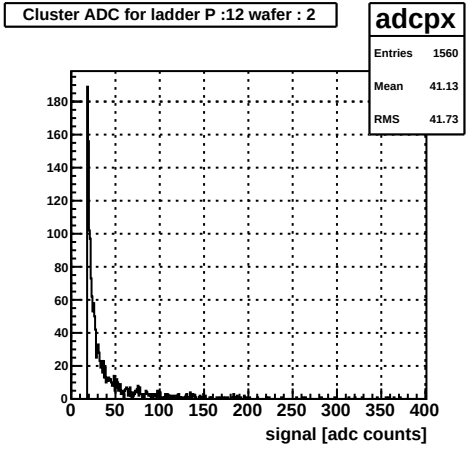

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 861
Mean 51.3
RMS 57.4
signal [adc counts]

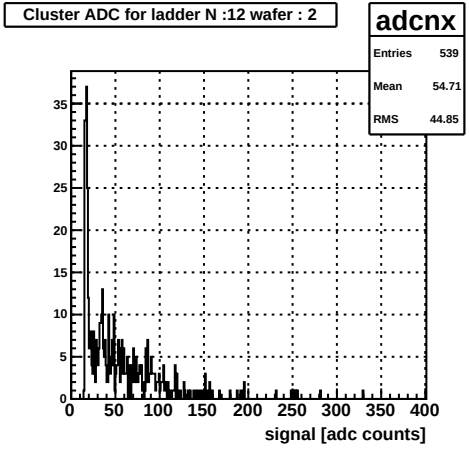

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 721
Mean 48.04
RMS 47.67
signal [adc counts]

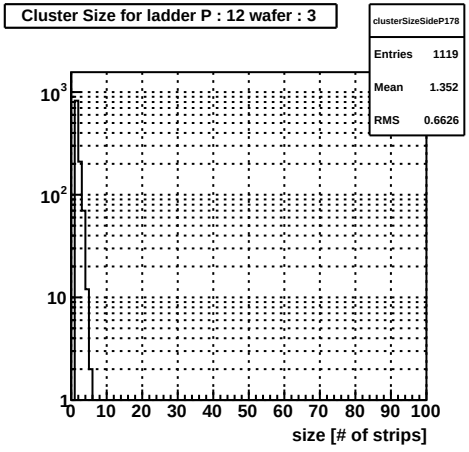

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 1560
Mean 1.189
RMS 0.5021
size [# of strips]

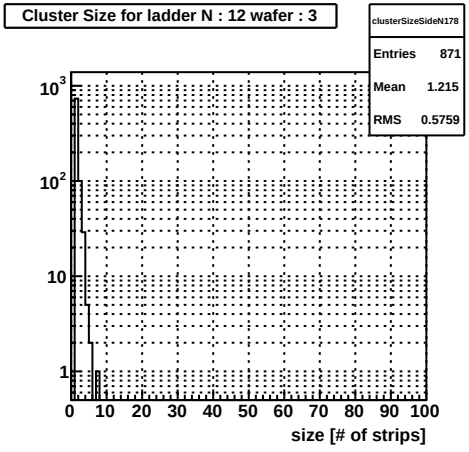

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 539
Mean 1.753
RMS 0.9955
size [# of strips]

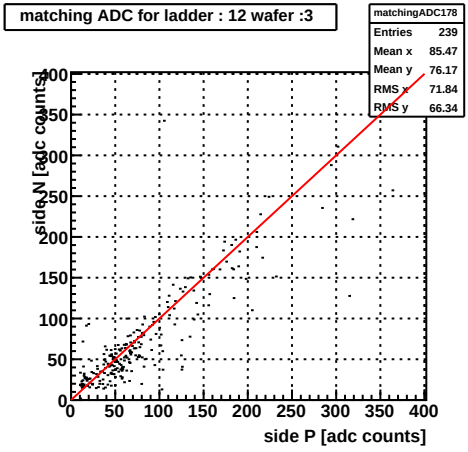

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 187
Mean x 77.77
Mean y 71.99
RMS x 50.36
RMS y 48.18
side N [adc counts]
side P [adc counts]

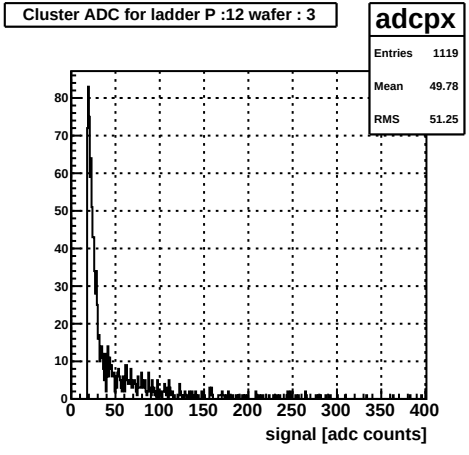

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 1560
Mean 41.13
RMS 41.73
signal [adc counts]

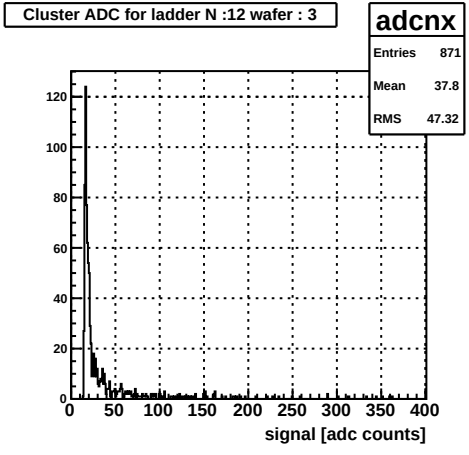

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 539
Mean 54.71
RMS 44.85
signal [adc counts]

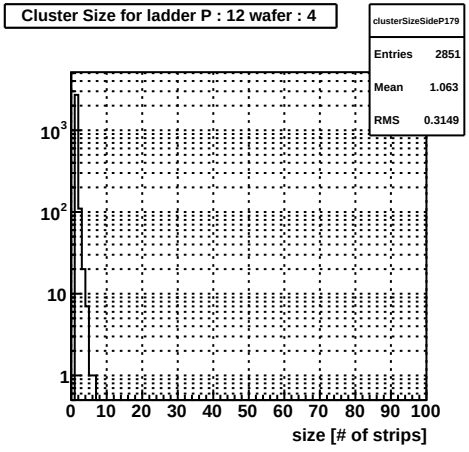

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 1119
Mean 1.352
RMS 0.6626
size [# of strips]

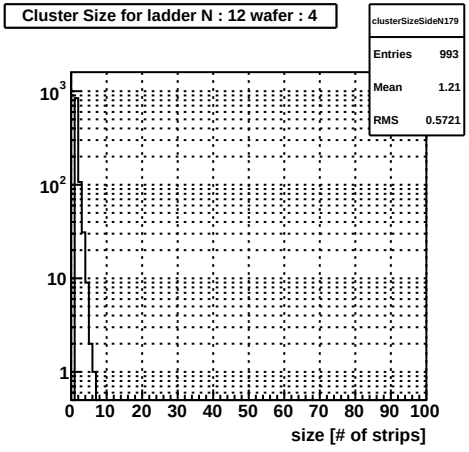

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 871
Mean 1.215
RMS 0.5759
size [# of strips]

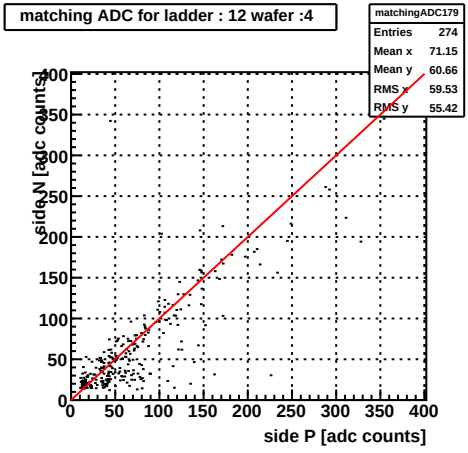

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 239
Mean x 85.47
Mean y 76.17
RMS x 71.84
RMS y 66.34
side N [adc counts]
side P [adc counts]

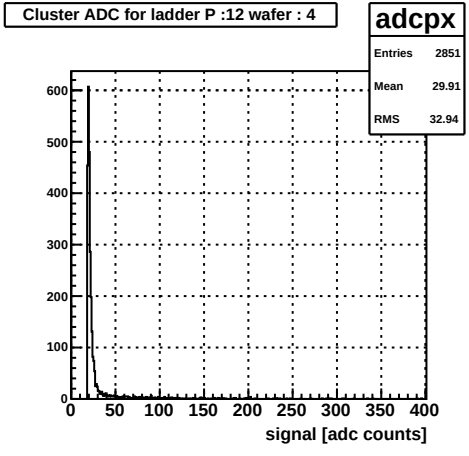

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 1119
Mean 49.78
RMS 51.25
signal [adc counts]

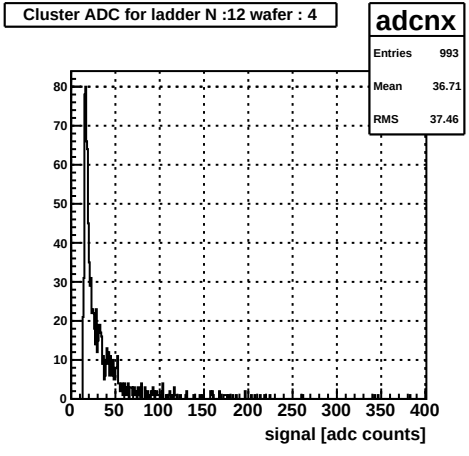

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 871
Mean 37.8
RMS 47.32
signal [adc counts]

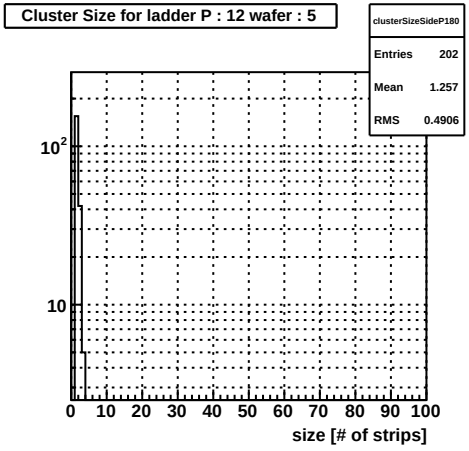

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 2851
Mean 1.063
RMS 0.3149
size [# of strips]

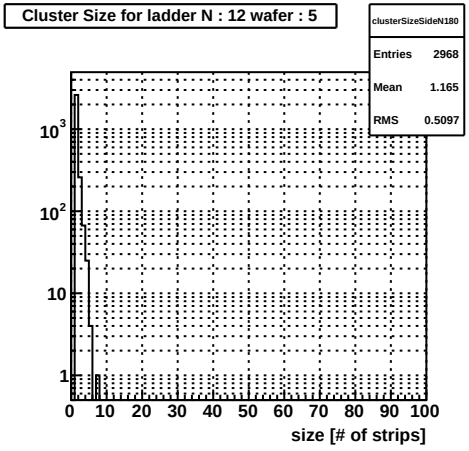

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 993
Mean 1.21
RMS 0.5721
size [# of strips]

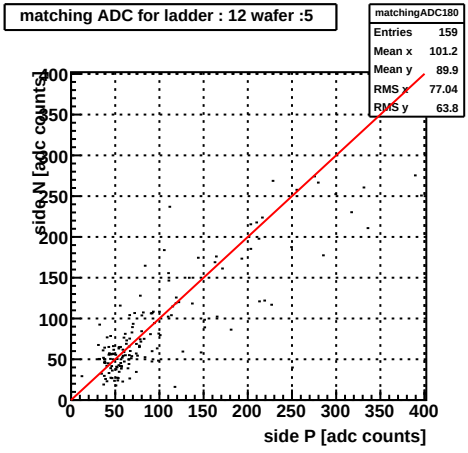

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 274
Mean x 71.15
Mean y 60.66
RMS x 59.53
RMS y 55.42
side N [adc counts]
side P [adc counts]

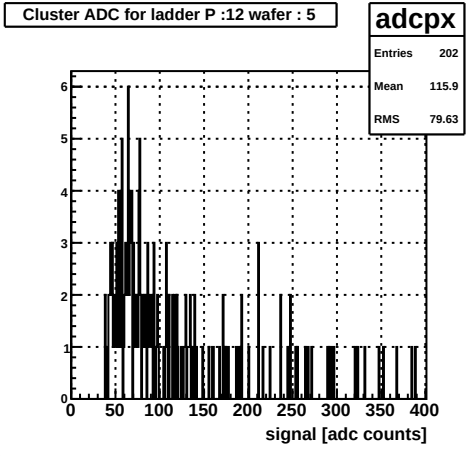

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 2851
Mean 29.91
RMS 32.94
signal [adc counts]

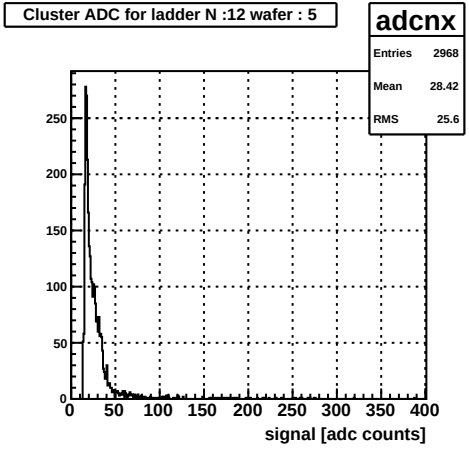

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 993
Mean 36.71
RMS 37.46
signal [adc counts]

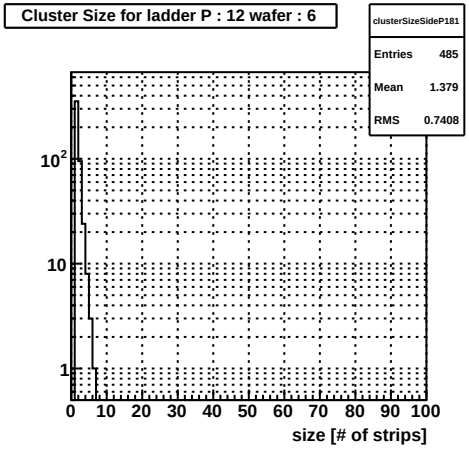

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 202
Mean 1.257
RMS 0.4906
size [# of strips]

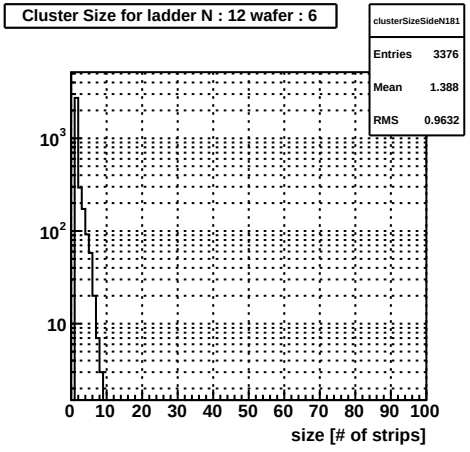

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 2968
Mean 1.165
RMS 0.5097
size [# of strips]

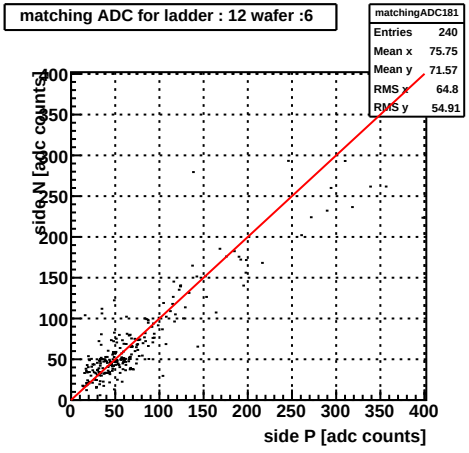

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 159
Mean x 101.2
Mean y 89.9
RMS x 77.04
RMS y 63.8
side N [adc counts]
side P [adc counts]

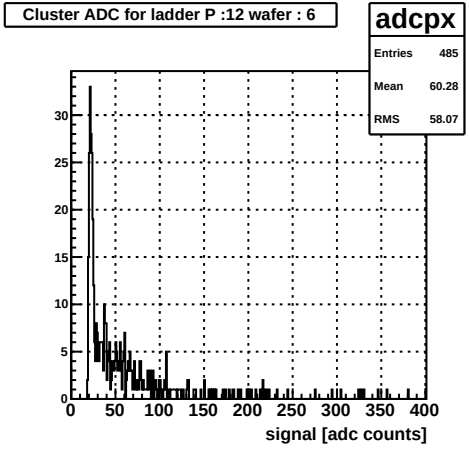

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 202
Mean 115.9
RMS 79.63
signal [adc counts]

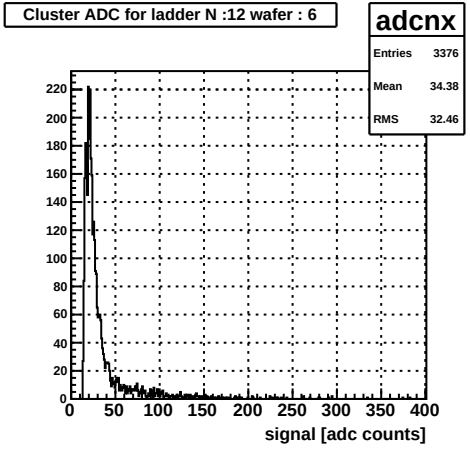

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 2968
Mean 28.42
RMS 25.6
signal [adc counts]

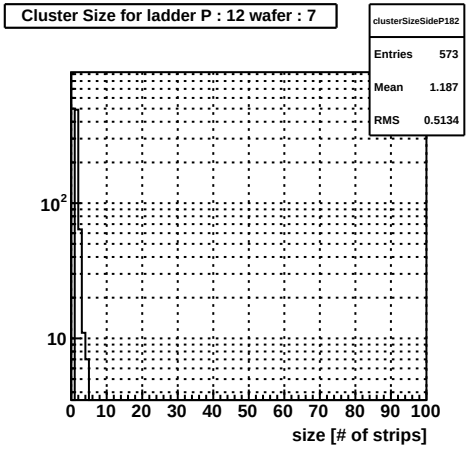

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 485
Mean 1.379
RMS 0.7408
size [# of strips]

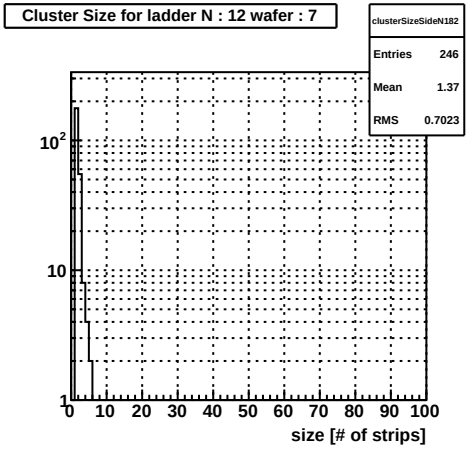

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 3376
Mean 1.388
RMS 0.9632
size [# of strips]

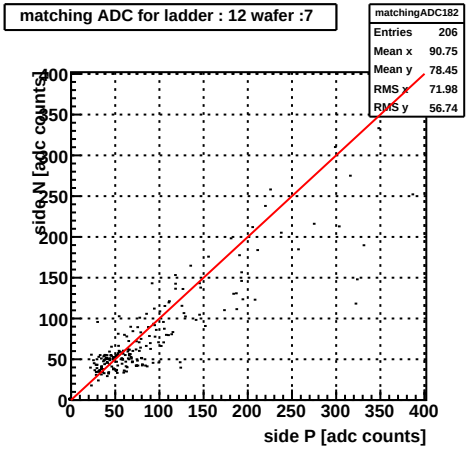

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 240
Mean x 75.75
Mean y 71.57
RMS x 64.8
RMS y 54.91
side N [adc counts]
side P [adc counts]

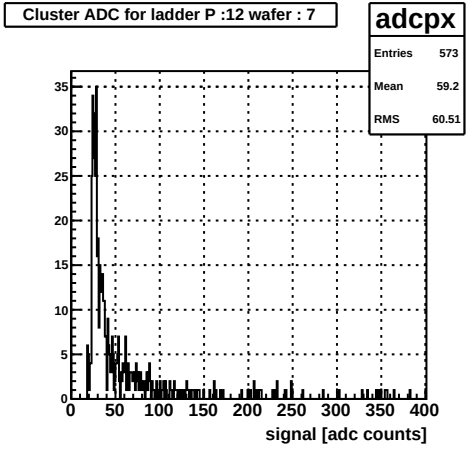

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 485
Mean 60.28
RMS 58.07
signal [adc counts]

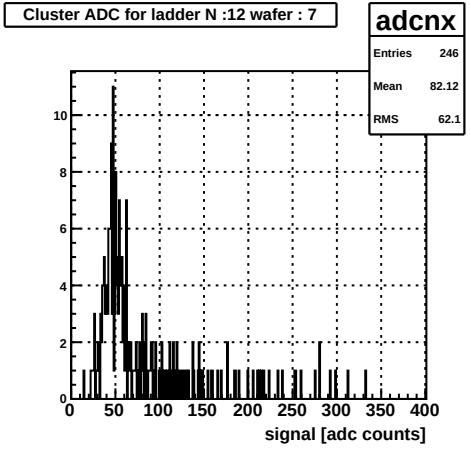

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 3376
Mean 34.38
RMS 32.46
signal [adc counts]

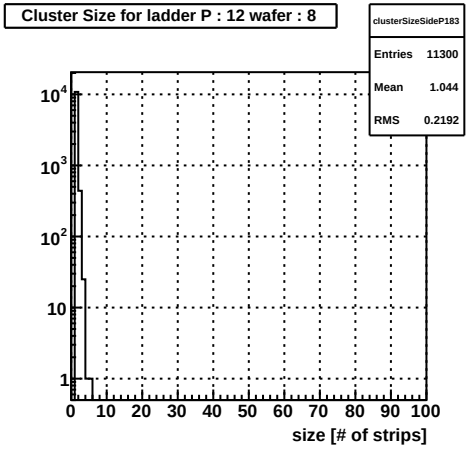

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 573
Mean 1.187
RMS 0.5134
size [# of strips]

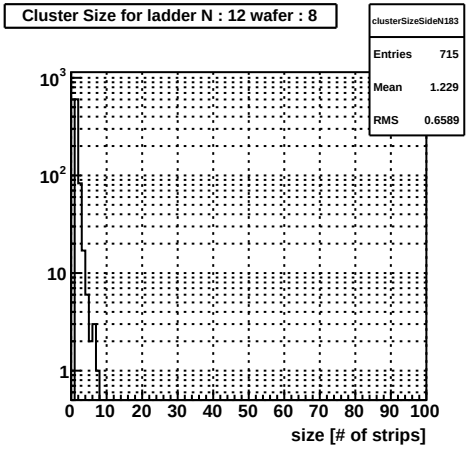

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 246
Mean 1.37
RMS 0.7023
size [# of strips]

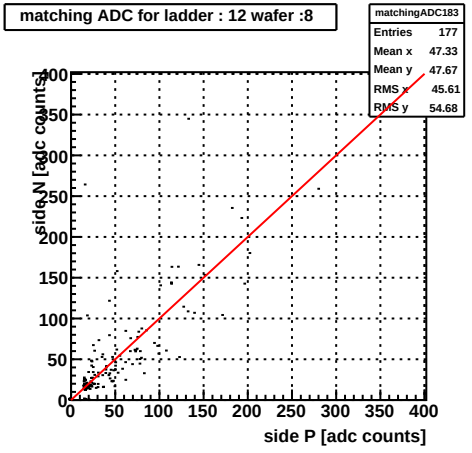

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 206
Mean x 90.75
Mean y 78.45
RMS x 71.98
RMS y 56.74
side N [adc counts]
side P [adc counts]

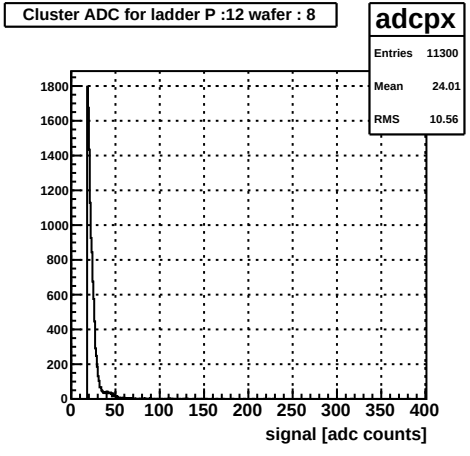

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 573
Mean 59.2
RMS 60.51
signal [adc counts]

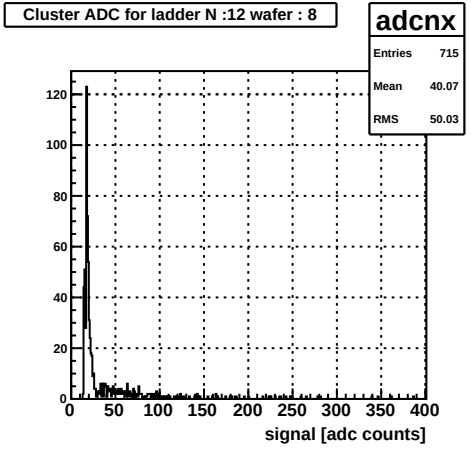

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 246
Mean 82.12
RMS 62.1
signal [adc counts]

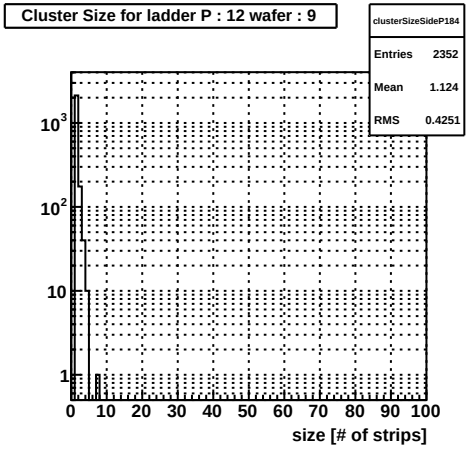

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 11300
Mean 1.044
RMS 0.2192
size [# of strips]

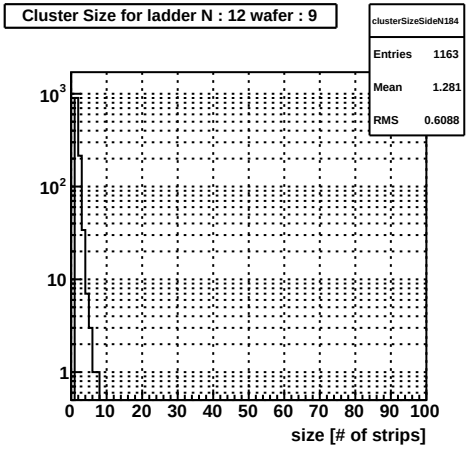

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 715
Mean 1.229
RMS 0.6589
size [# of strips]

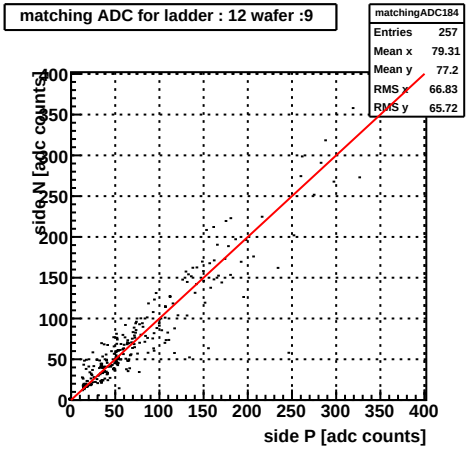

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 177
Mean x 47.33
Mean y 47.67
RMS x 45.61
RMS y 54.68
side N [adc counts]
side P [adc counts]

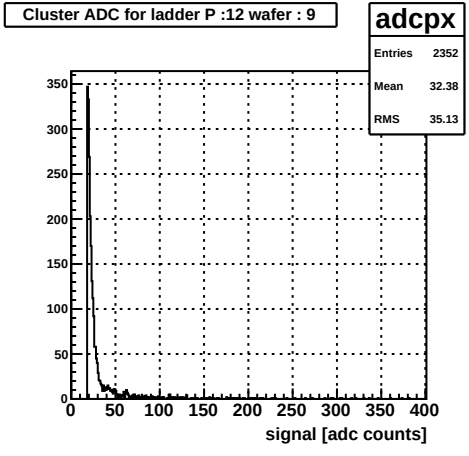

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 11300
Mean 24.01
RMS 10.56
signal [adc counts]

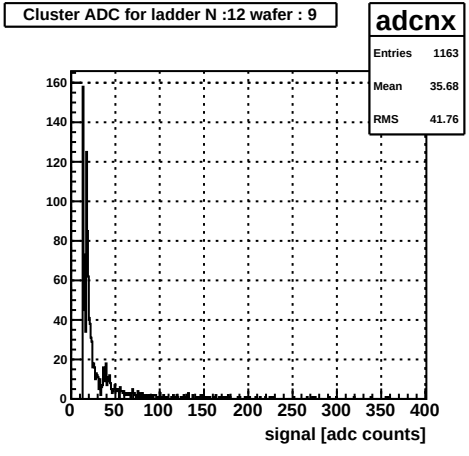

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 715
Mean 40.07
RMS 50.03
signal [adc counts]

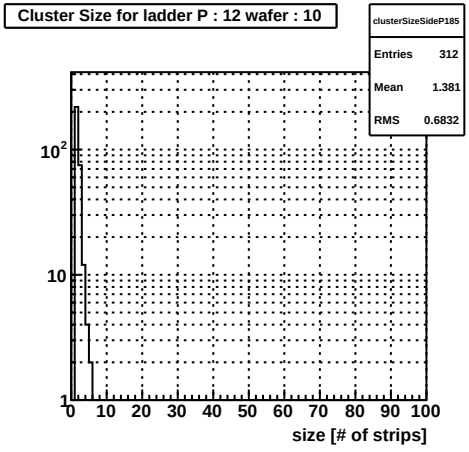

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 2352
Mean 1.124
RMS 0.4251
size [# of strips]

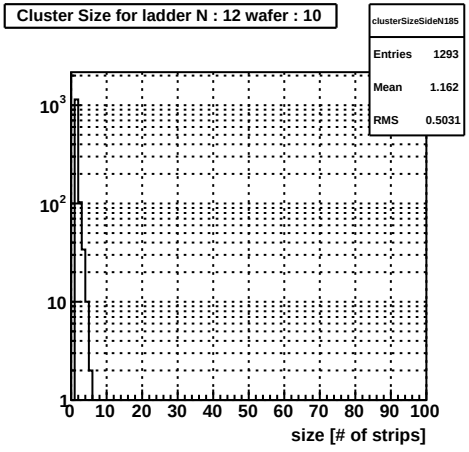

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 1163
Mean 1.281
RMS 0.6088
size [# of strips]

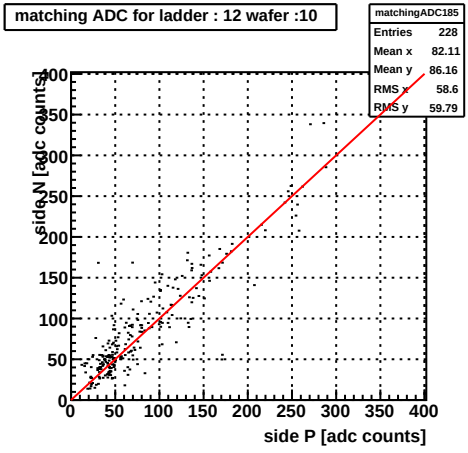

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 257
Mean x 79.31
Mean y 77.2
RMS x 66.83
RMS y 65.72
side N [adc counts]
side P [adc counts]

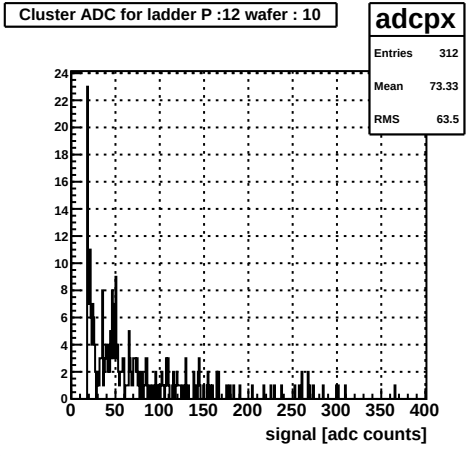

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 2352
Mean 32.38
RMS 35.13
signal [adc counts]

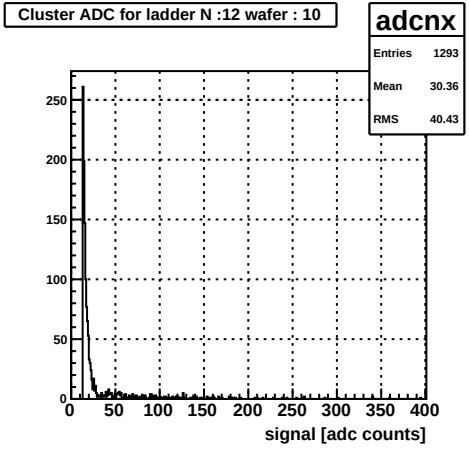

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 1163
Mean 35.68
RMS 41.76
signal [adc counts]

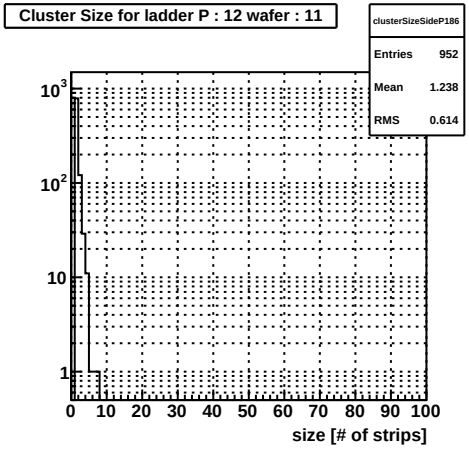

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 312
Mean 1.381
RMS 0.6832
size [# of strips]

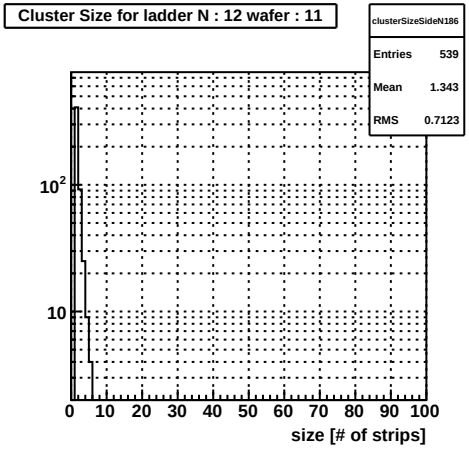

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 1293
Mean 1.162
RMS 0.5031
size [# of strips]

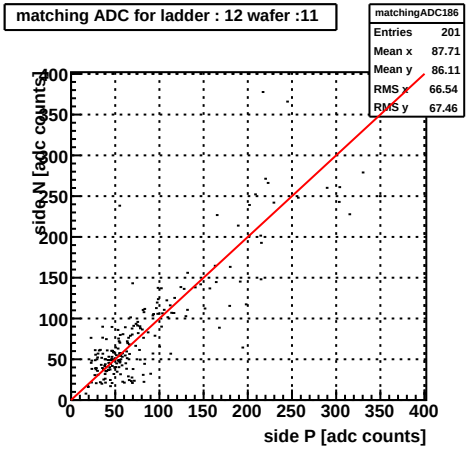

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 228
Mean x 82.11
Mean y 86.16
RMS x 58.6
RMS y 59.79
side N [adc counts]
side P [adc counts]

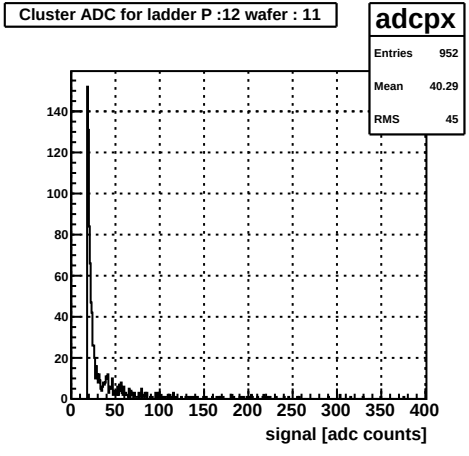

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 312
Mean 73.33
RMS 63.5
signal [adc counts]

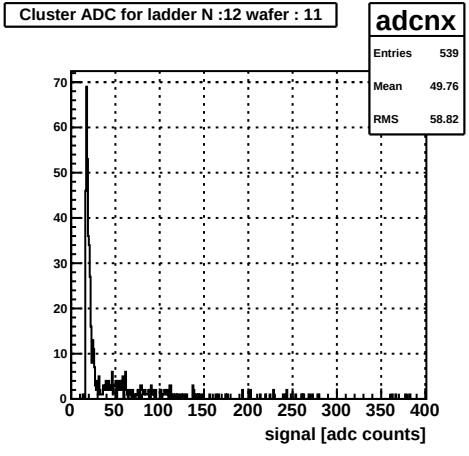

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 1293
Mean 30.36
RMS 40.43
signal [adc counts]

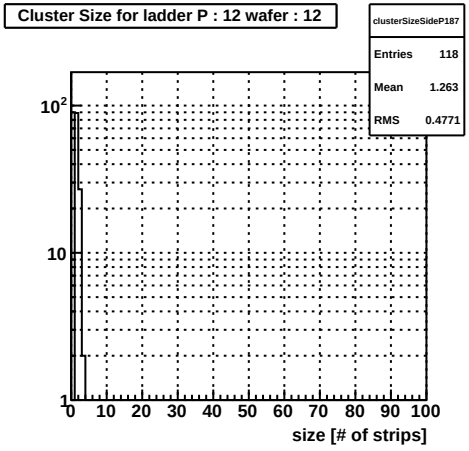

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 952
Mean 1.238
RMS 0.614
size [# of strips]

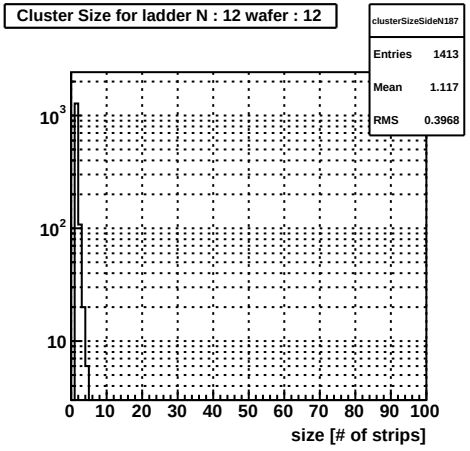

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 539
Mean 1.343
RMS 0.7123
size [# of strips]

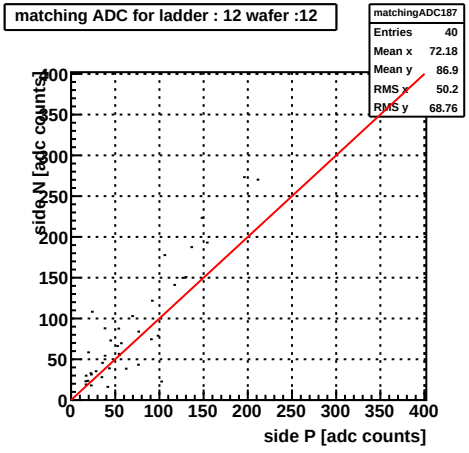

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 201
Mean x 87.71
Mean y 86.11
RMS x 66.54
RMS y 67.46
side N [adc counts]
side P [adc counts]

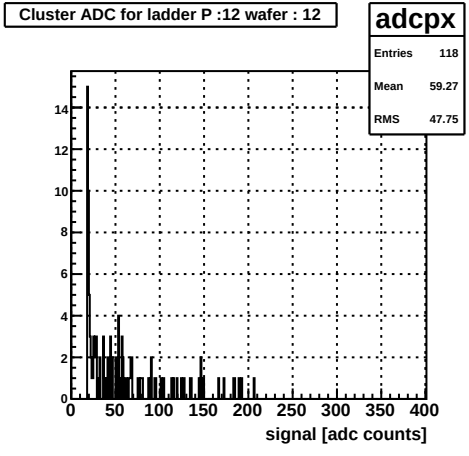

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 952
Mean 40.29
RMS 45
signal [adc counts]

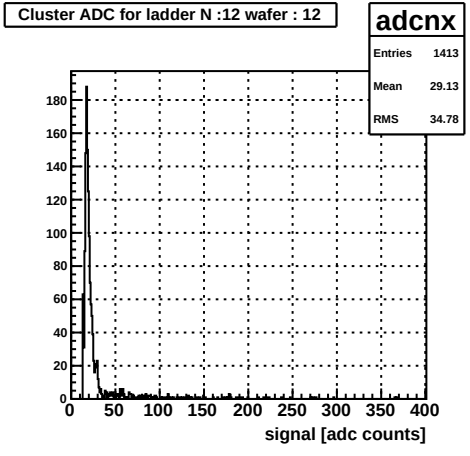

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 539
Mean 49.76
RMS 58.82
signal [adc counts]

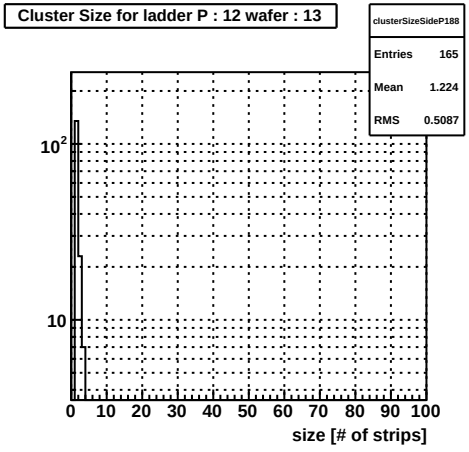

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 118
Mean 1.263
RMS 0.4771
size [# of strips]

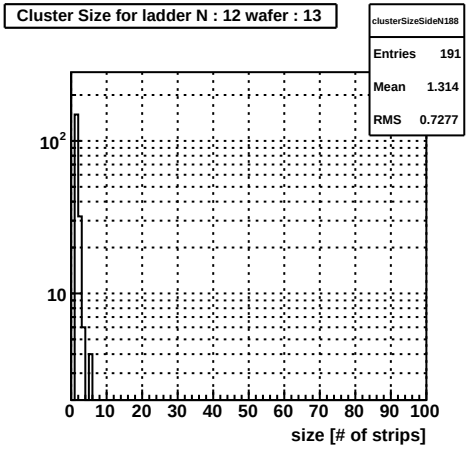

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 1413
Mean 1.117
RMS 0.3968
size [# of strips]

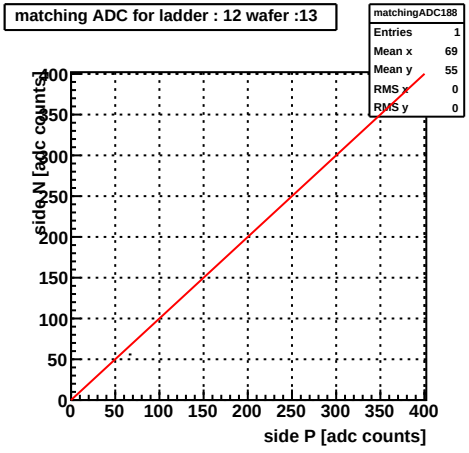

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 40
Mean x 72.18
Mean y 86.9
RMS x 50.2
RMS y 68.76
side N [adc counts]
side P [adc counts]

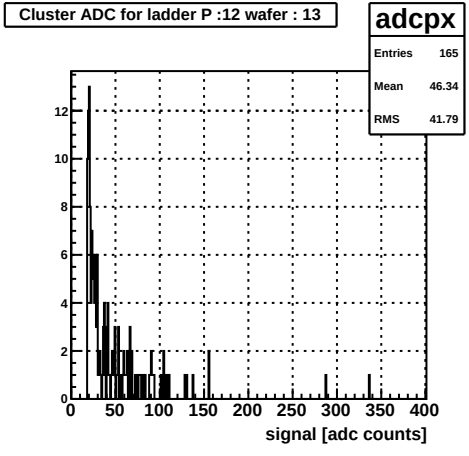

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 118
Mean 59.27
RMS 47.75
signal [adc counts]

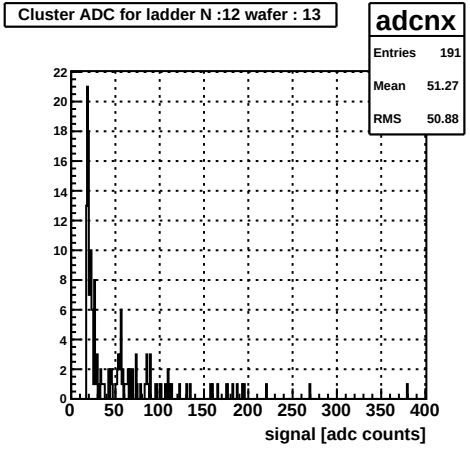

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 1413
Mean 29.13
RMS 34.78
signal [adc counts]

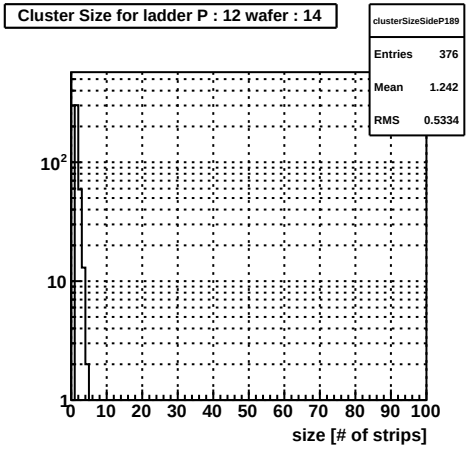

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 165
Mean 1.224
RMS 0.5087
size [# of strips]

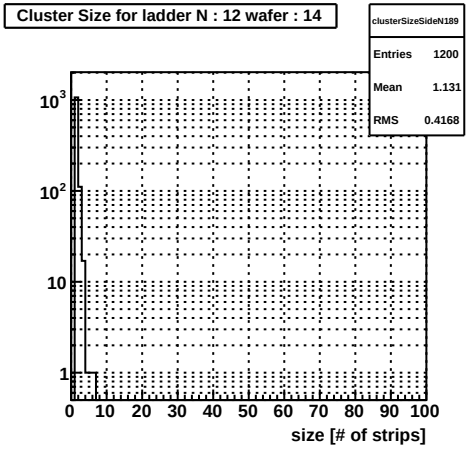

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 191
Mean 1.314
RMS 0.7277
size [# of strips]

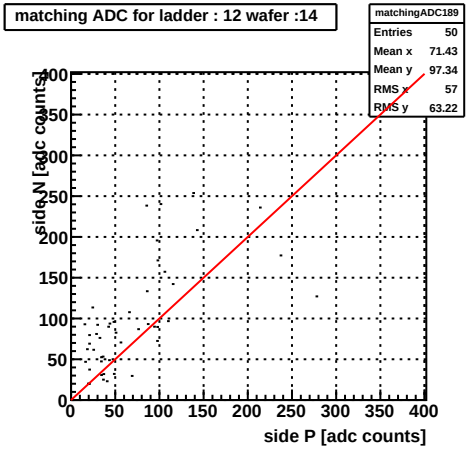

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 1
Mean x 69
Mean y 55
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

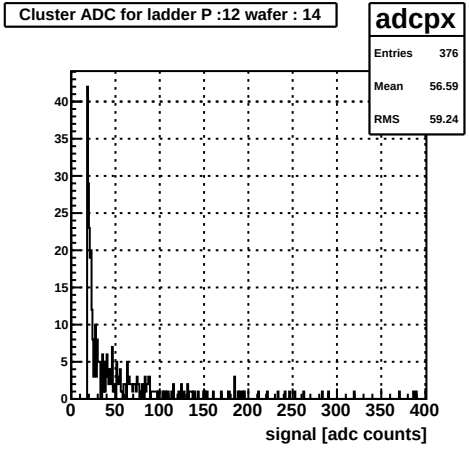

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 165
Mean 46.34
RMS 41.79
signal [adc counts]

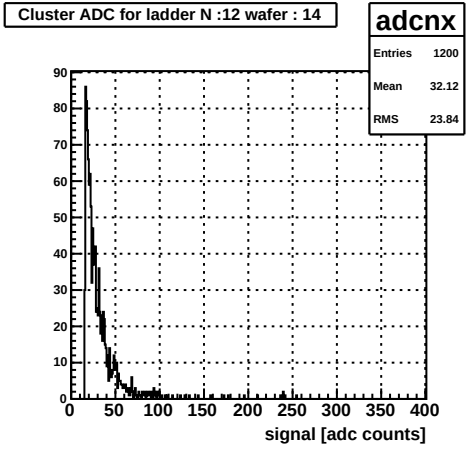

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 191
Mean 51.27
RMS 50.88
signal [adc counts]

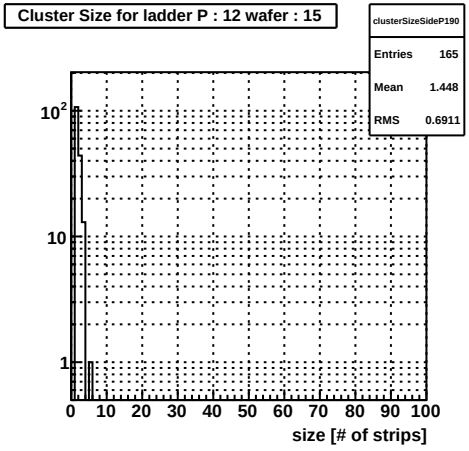

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 376
Mean 1.242
RMS 0.5334
size [# of strips]

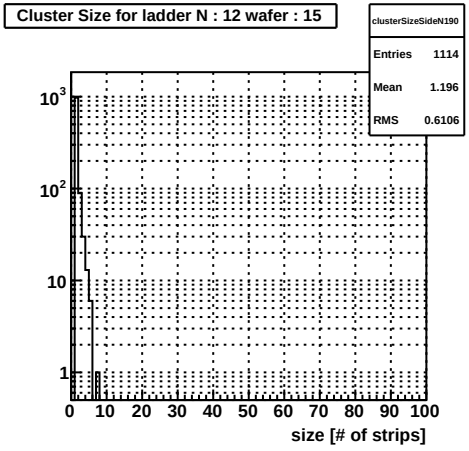

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 1200
Mean 1.131
RMS 0.4168
size [# of strips]

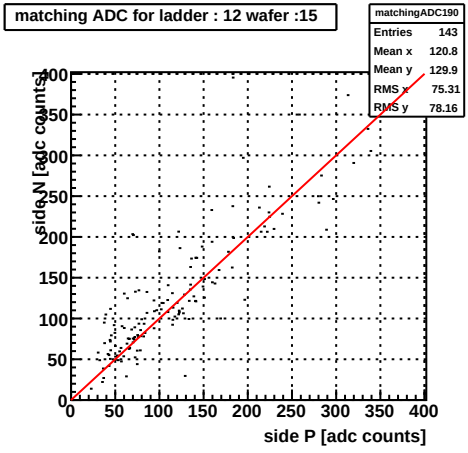

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 50
Mean x 71.43
Mean y 97.34
RMS x 57
RMS y 63.22
side N [adc counts]
side P [adc counts]

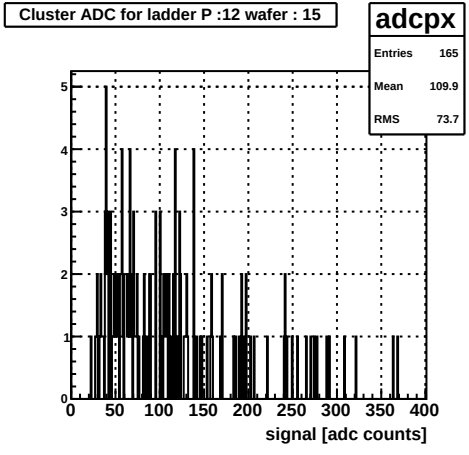

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 376
Mean 56.59
RMS 59.24
signal [adc counts]

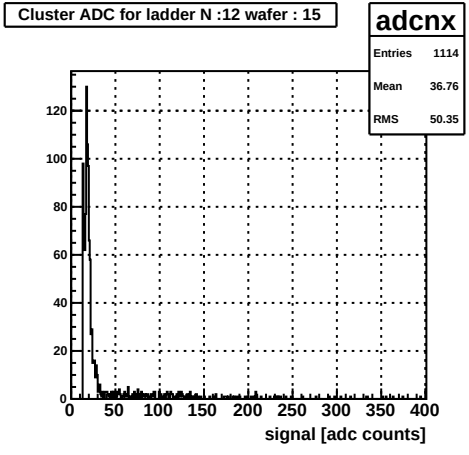

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 1200
Mean 32.12
RMS 23.84
signal [adc counts]

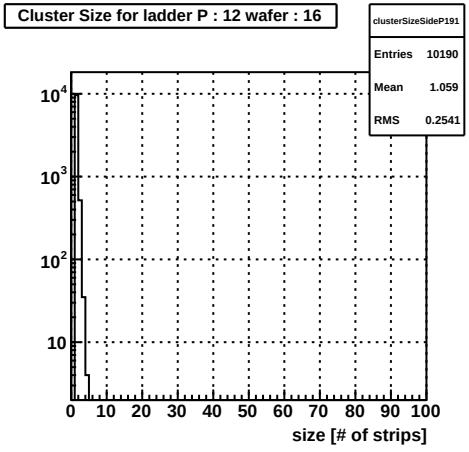

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 165
Mean 1.448
RMS 0.6911
size [# of strips]

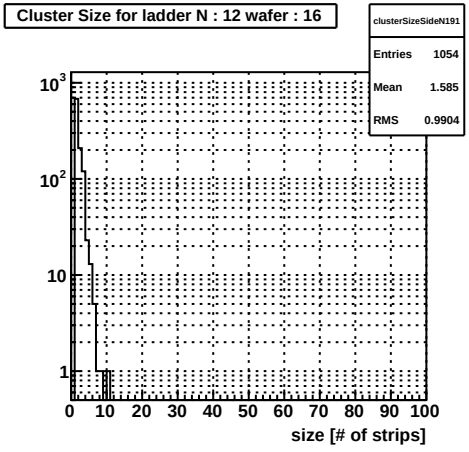

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 1114
Mean 1.196
RMS 0.6106
size [# of strips]

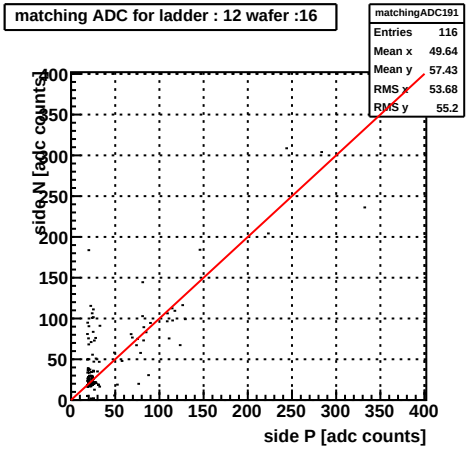

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 143
Mean x 120.8
Mean y 129.9
RMS x 75.31
RMS y 78.16
side N [adc counts]
side P [adc counts]

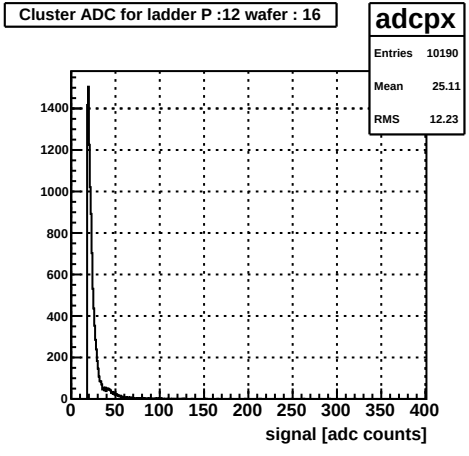

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 165
Mean 109.9
RMS 73.7
signal [adc counts]

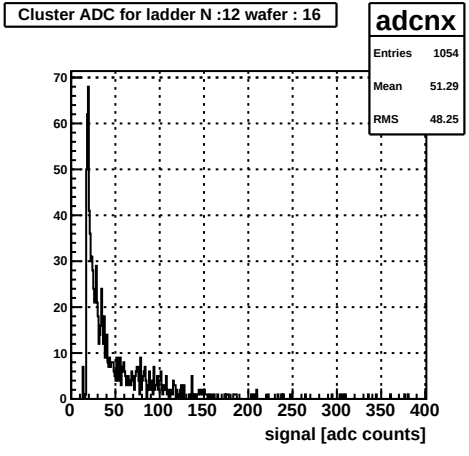

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 1114
Mean 36.76
RMS 50.35
signal [adc counts]

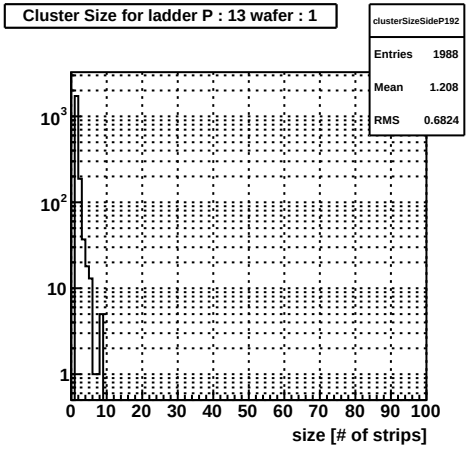

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 10190
Mean 1.059
RMS 0.2541
size [# of strips]

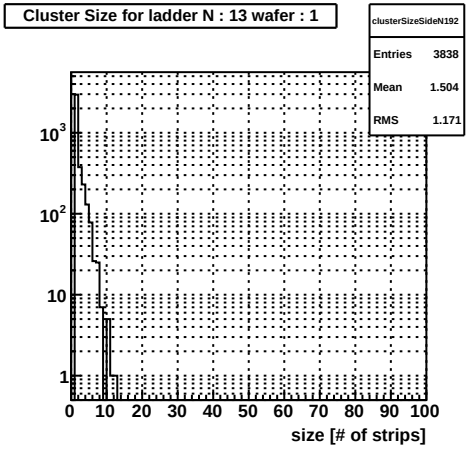

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 1054
Mean 1.585
RMS 0.9904
size [# of strips]

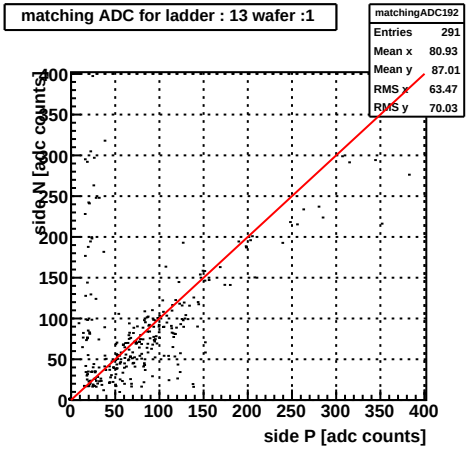

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 116
Mean x 49.64
Mean y 57.43
RMS x 53.68
RMS y 55.2
side N [adc counts]
side P [adc counts]

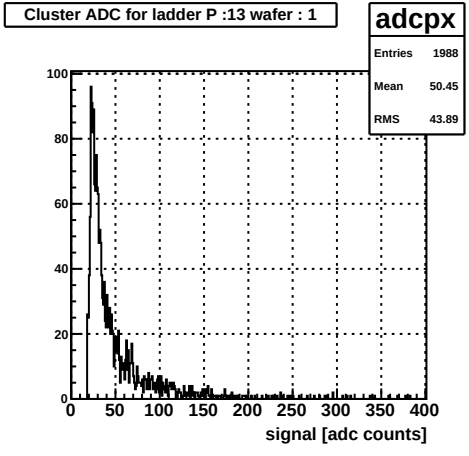

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 10190
Mean 25.11
RMS 12.23
signal [adc counts]

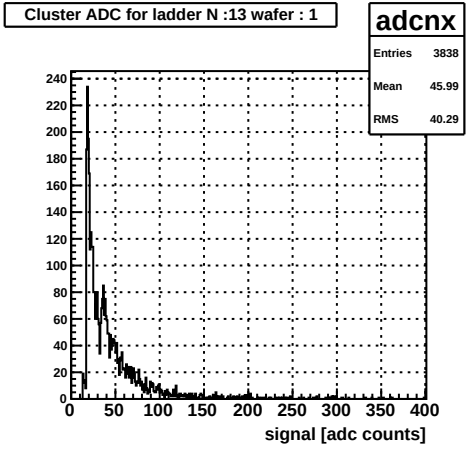

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 1054
Mean 51.29
RMS 48.25
signal [adc counts]

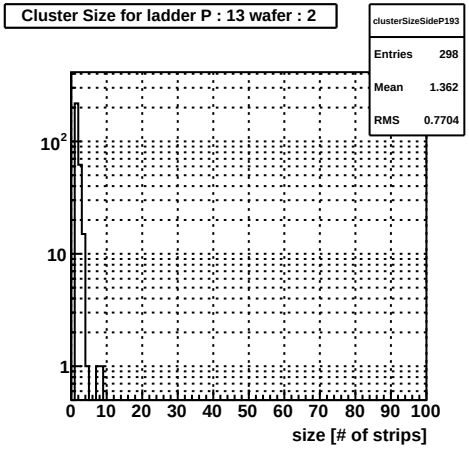

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 1988
Mean 1.208
RMS 0.6824
size [# of strips]

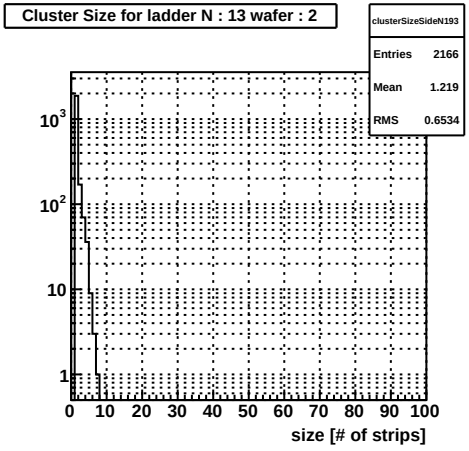

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 3838
Mean 1.504
RMS 1.171
size [# of strips]

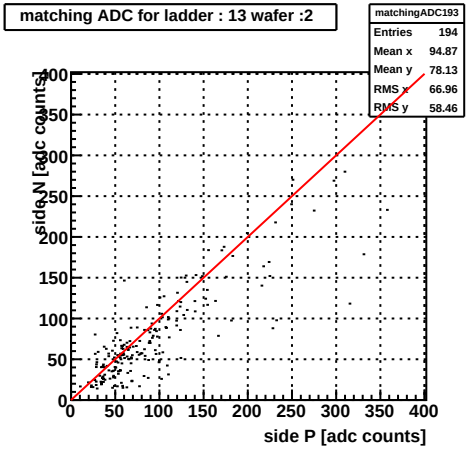

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 291
Mean x 80.93
Mean y 87.01
RMS x 63.47
RMS y 70.03
side N [adc counts]
side P [adc counts]

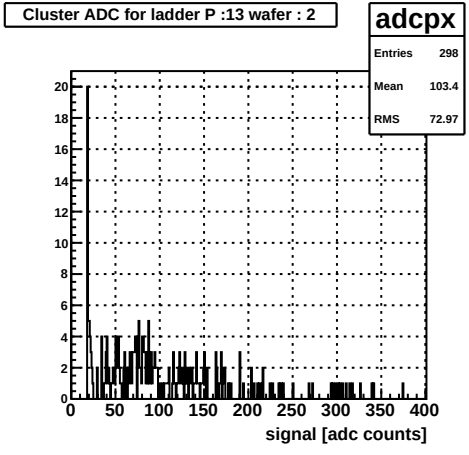

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 1988
Mean 50.45
RMS 43.89
signal [adc counts]

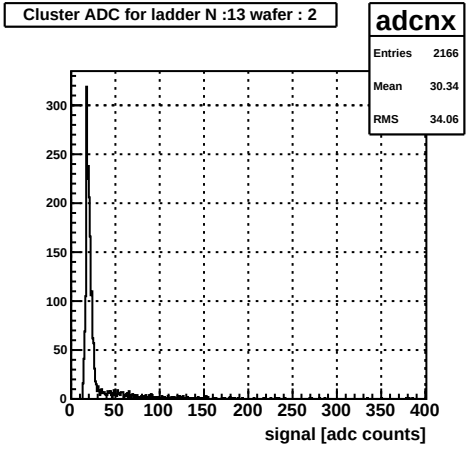

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 3838
Mean 45.99
RMS 40.29
signal [adc counts]

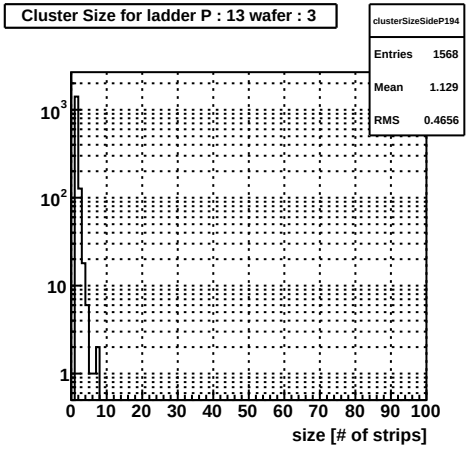

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 298
Mean 1.362
RMS 0.7704
size [# of strips]

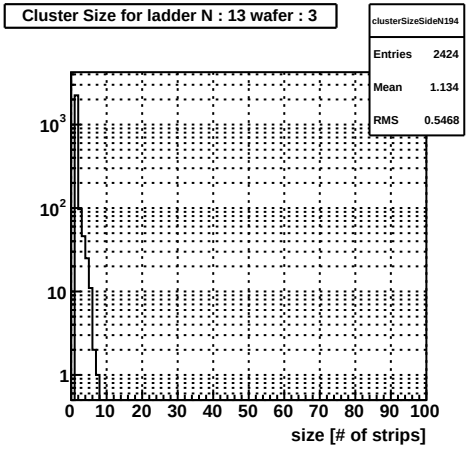

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 2166
Mean 1.219
RMS 0.6534
size [# of strips]

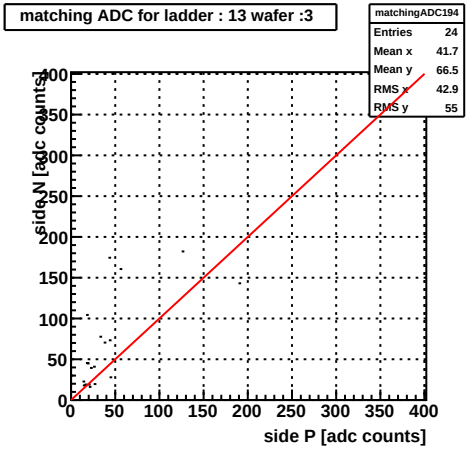

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 194
Mean x 94.87
Mean y 78.13
RMS x 66.96
RMS y 58.46
side N [adc counts]
side P [adc counts]

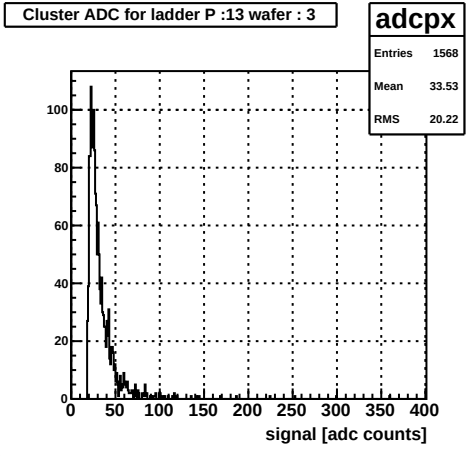

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 298
Mean 103.4
RMS 72.97
signal [adc counts]

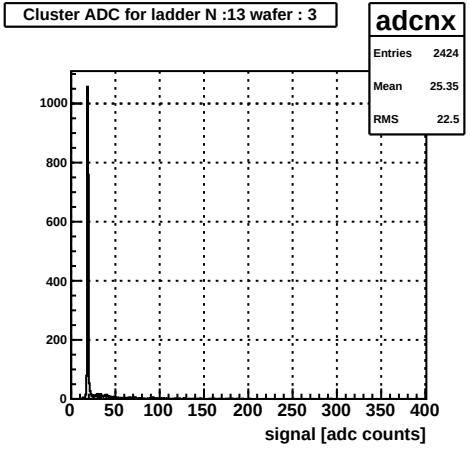

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 2166
Mean 30.34
RMS 34.06
signal [adc counts]

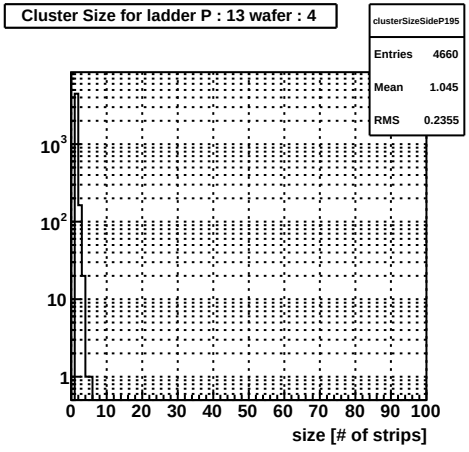

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 1568
Mean 1.129
RMS 0.4656
size [# of strips]

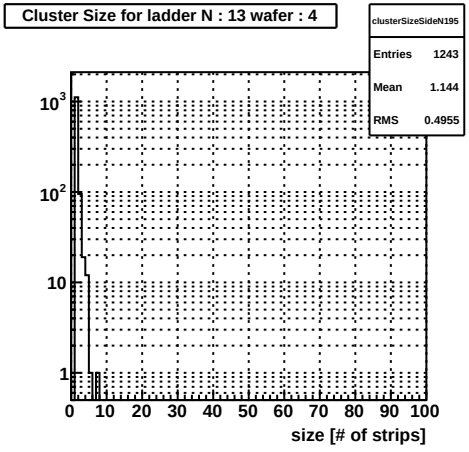

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 2424
Mean 1.134
RMS 0.5468
size [# of strips]

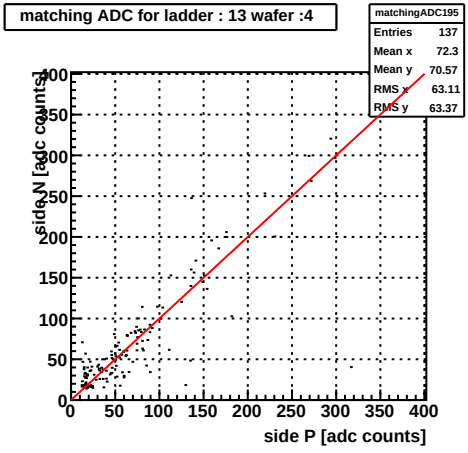

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 24
Mean x 41.7
Mean y 66.5
RMS x 42.9
RMS y 55
side N [adc counts]
side P [adc counts]

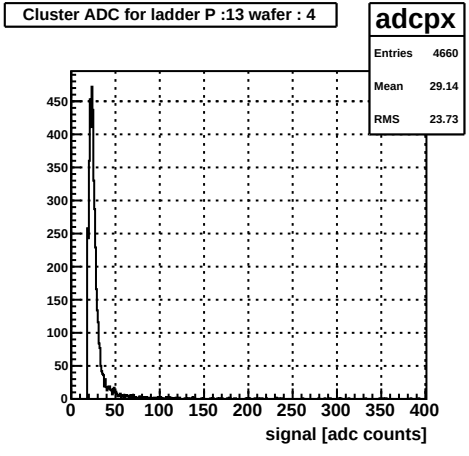

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 1568
Mean 33.53
RMS 20.22
signal [adc counts]

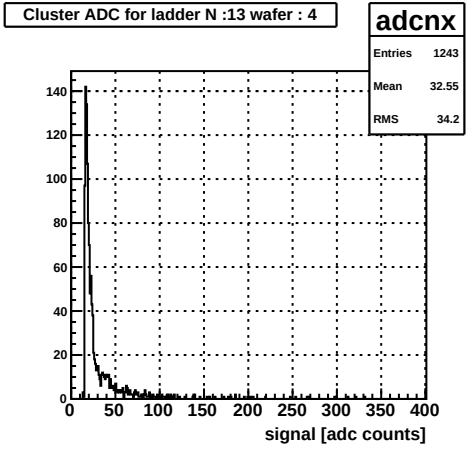

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 2424
Mean 25.35
RMS 22.5
signal [adc counts]

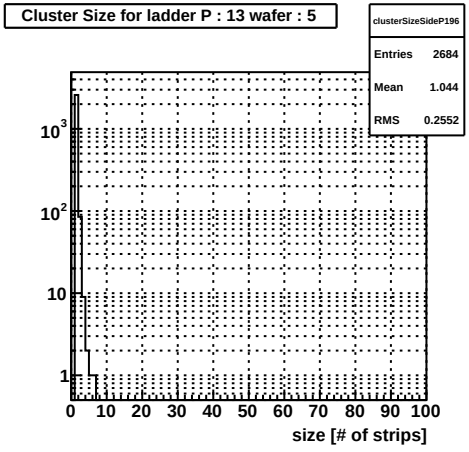

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 4660
Mean 1.045
RMS 0.2355
size [# of strips]

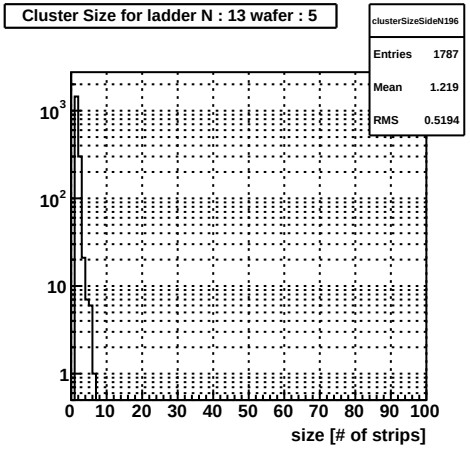

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 1243
Mean 1.144
RMS 0.4955
size [# of strips]

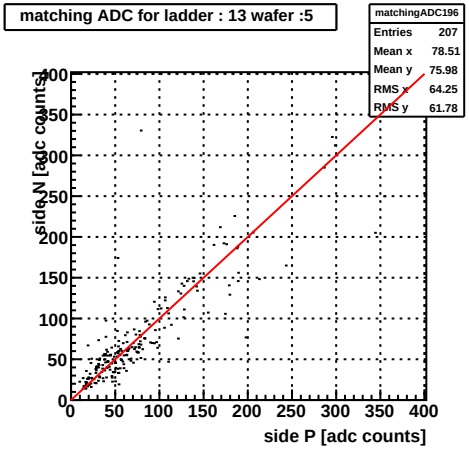

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 137
Mean x 72.3
Mean y 70.57
RMS x 63.11
RMS y 63.37
side N [adc counts]
side P [adc counts]

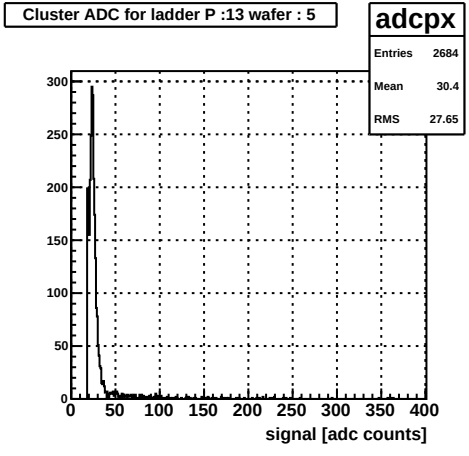

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 4660
Mean 29.14
RMS 23.73
signal [adc counts]

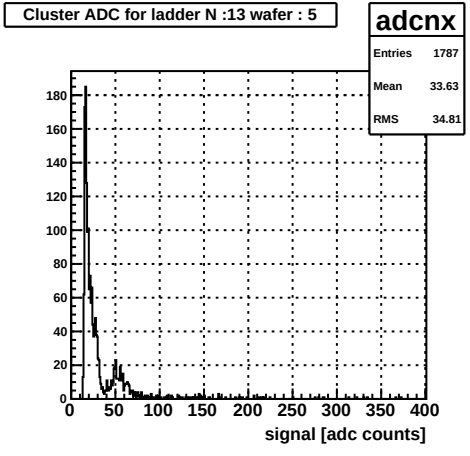

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 1243
Mean 32.55
RMS 34.2
signal [adc counts]

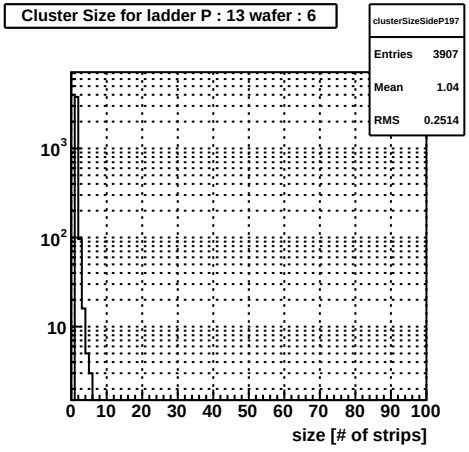

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 2684
Mean 1.044
RMS 0.2552
size [# of strips]

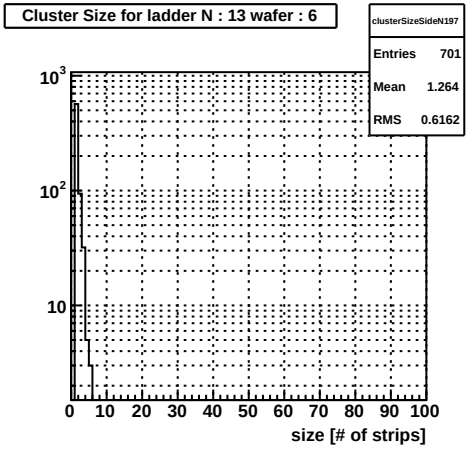

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 1787
Mean 1.219
RMS 0.5194
size [# of strips]

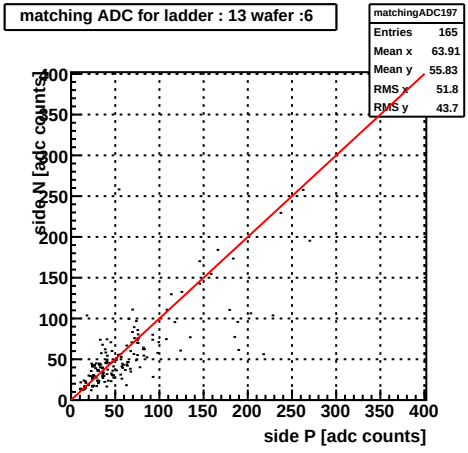

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 207
Mean x 78.51
Mean y 75.98
RMS x 64.25
RMS y 61.78
side N [adc counts]
side P [adc counts]

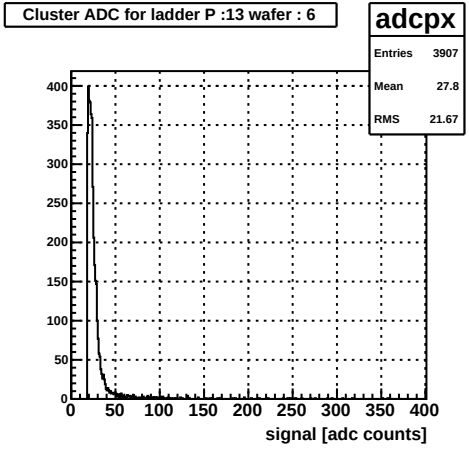

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 2684
Mean 30.4
RMS 27.65
signal [adc counts]

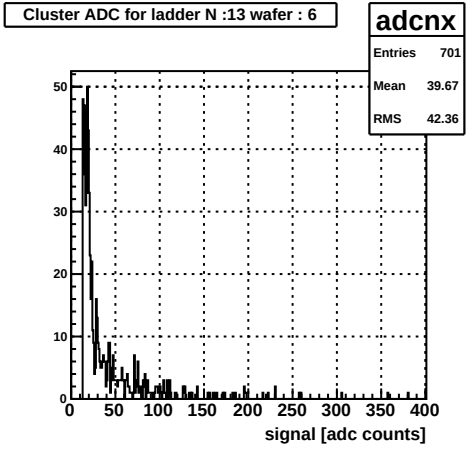

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 1787
Mean 33.63
RMS 34.81
signal [adc counts]

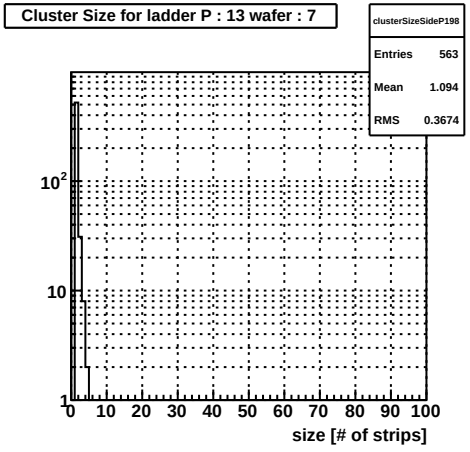

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 3907
Mean 1.04
RMS 0.2514
size [# of strips]

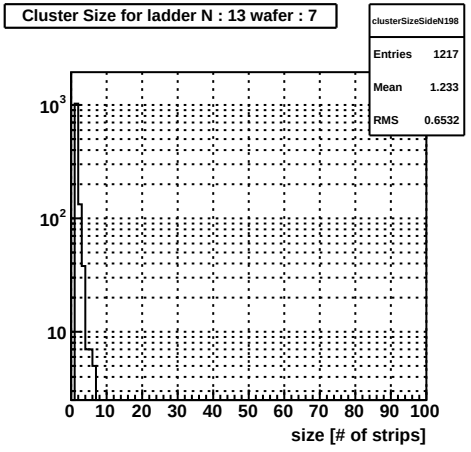

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 701
Mean 1.264
RMS 0.6162
size [# of strips]

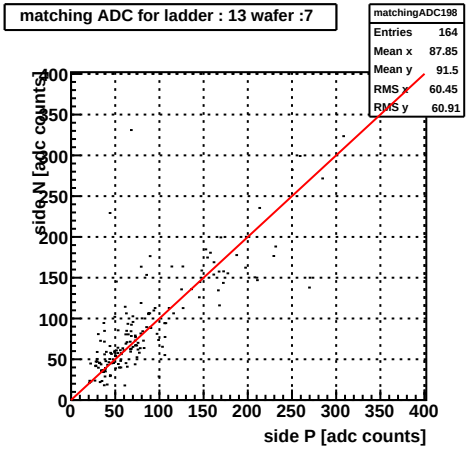

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 165
Mean x 63.91
Mean y 55.83
RMS x 51.8
RMS y 43.7
side N [adc counts]
side P [adc counts]

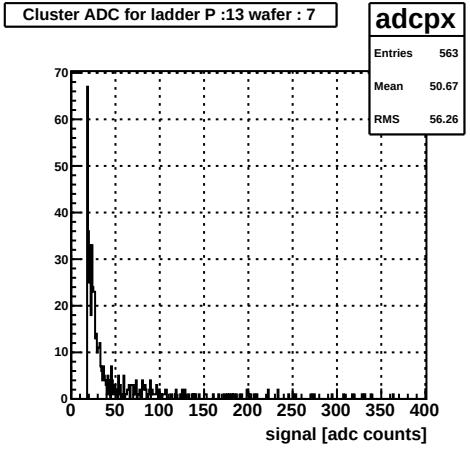

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 3907
Mean 27.8
RMS 21.67
signal [adc counts]

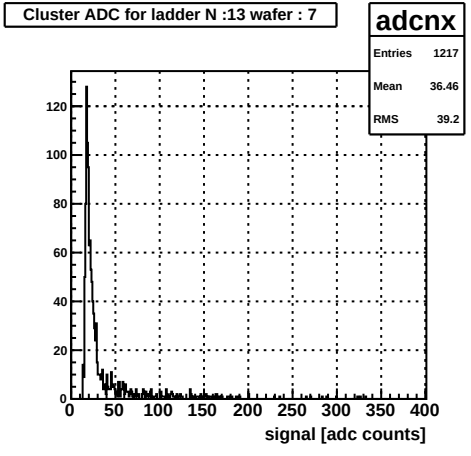

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 701
Mean 39.67
RMS 42.36
signal [adc counts]

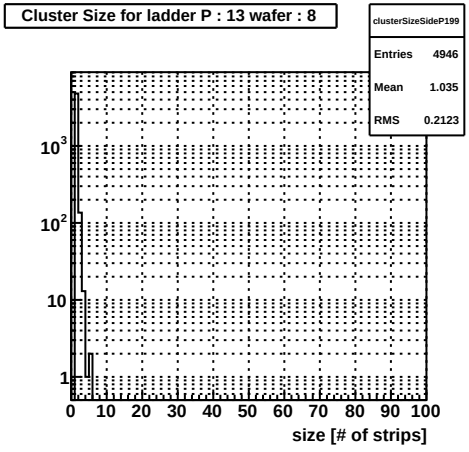

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 563
Mean 1.094
RMS 0.3674
size [# of strips]

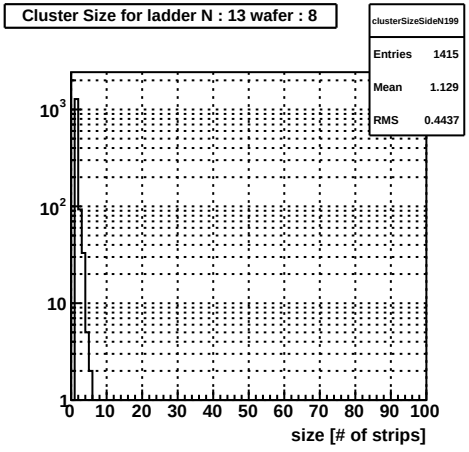

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 1217
Mean 1.233
RMS 0.6532
size [# of strips]

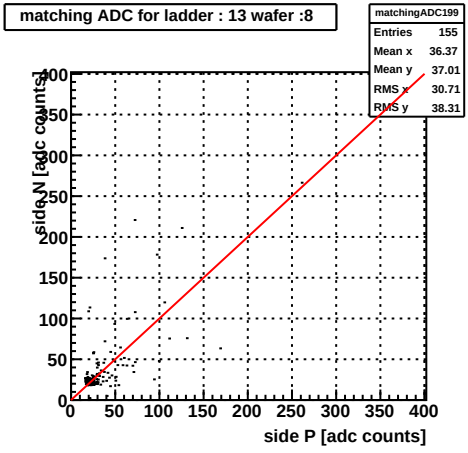

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 164
Mean x 87.85
Mean y 91.5
RMS x 60.45
RMS y 60.91
side N [adc counts]
side P [adc counts]

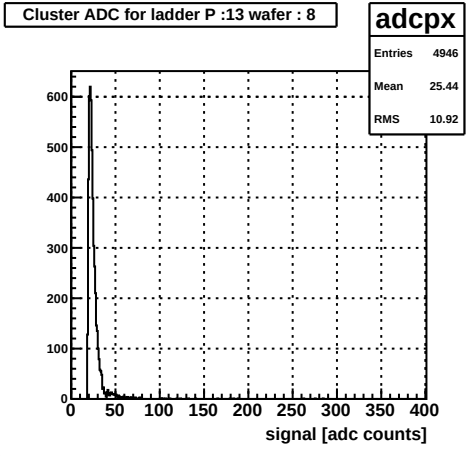

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 563
Mean 50.67
RMS 56.26
signal [adc counts]

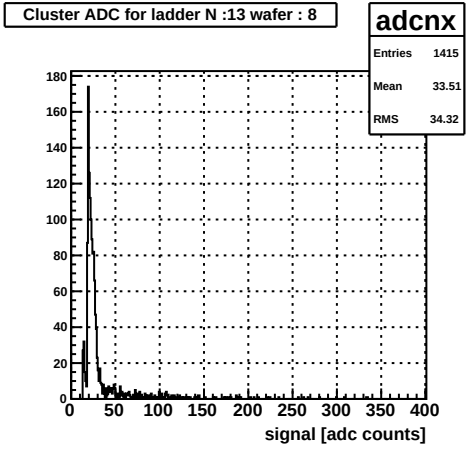

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 1217
Mean 36.46
RMS 39.2
signal [adc counts]

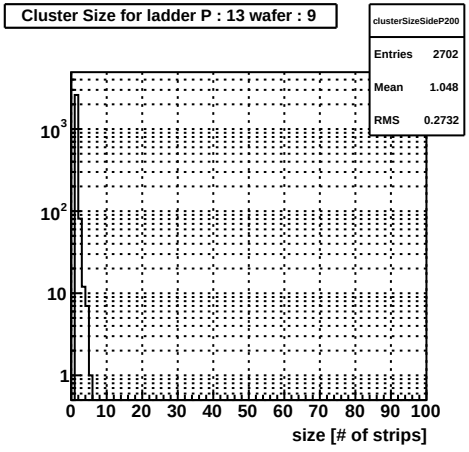

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 4946
Mean 1.035
RMS 0.2123
size [# of strips]

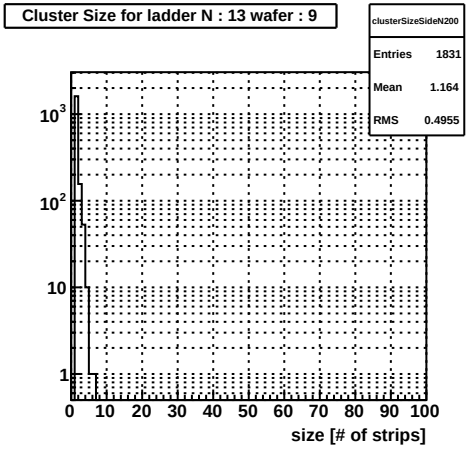

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 1415
Mean 1.129
RMS 0.4437
size [# of strips]

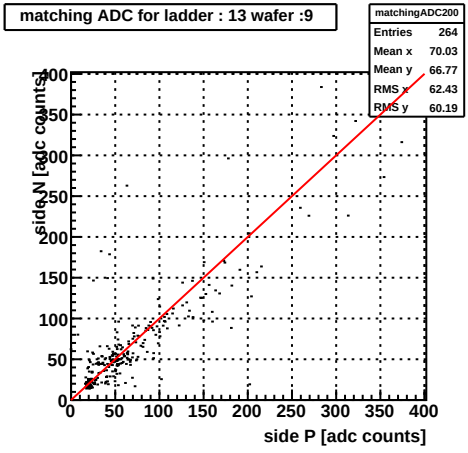

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 155
Mean x 36.37
Mean y 37.01
RMS x 30.71
RMS y 38.31
side N [adc counts]
side P [adc counts]

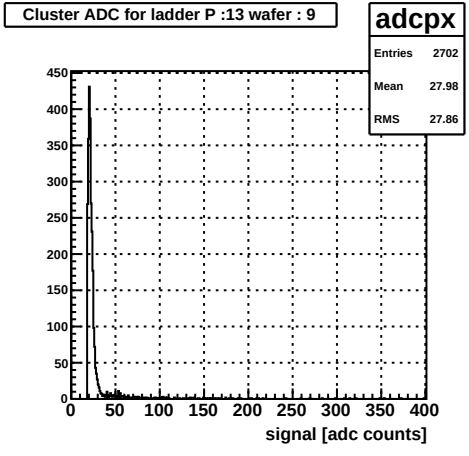

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 4946
Mean 25.44
RMS 10.92
signal [adc counts]

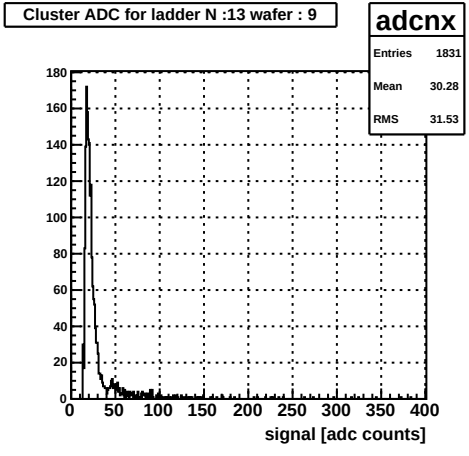

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 1415
Mean 33.51
RMS 34.32
signal [adc counts]

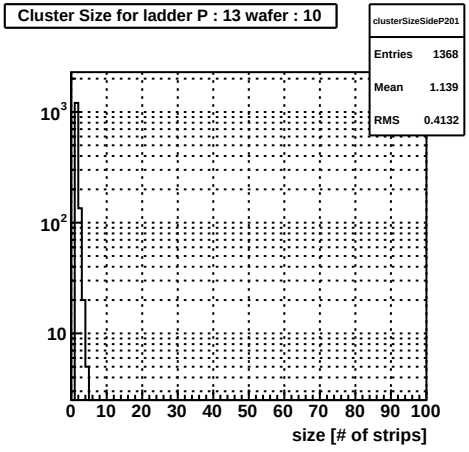

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 2702
Mean 1.048
RMS 0.2732
size [# of strips]

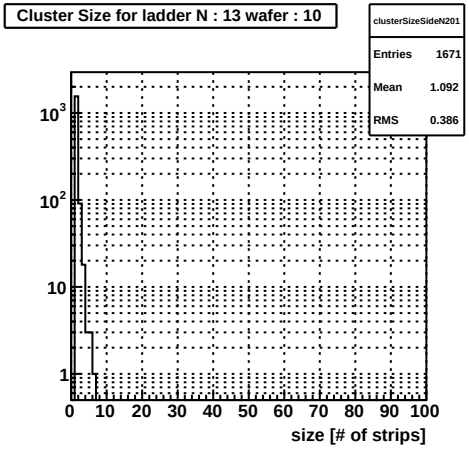

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 1831
Mean 1.164
RMS 0.4955
size [# of strips]

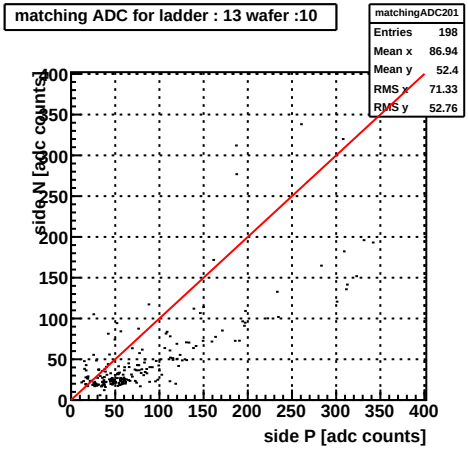

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 264
Mean x 70.03
Mean y 66.77
RMS x 62.43
RMS y 60.19
side N [adc counts]
side P [adc counts]

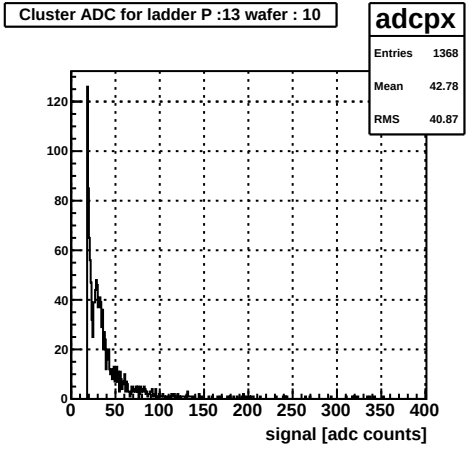

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 2702
Mean 27.98
RMS 27.86
signal [adc counts]

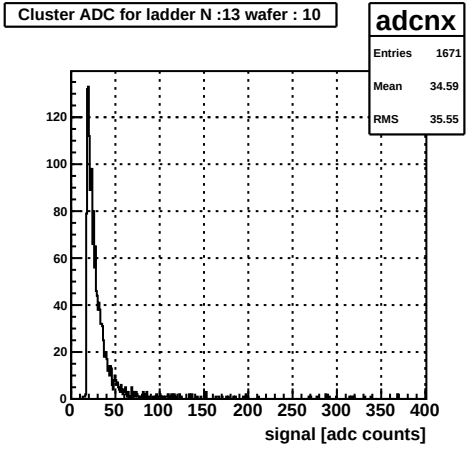

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 1831
Mean 30.28
RMS 31.53
signal [adc counts]

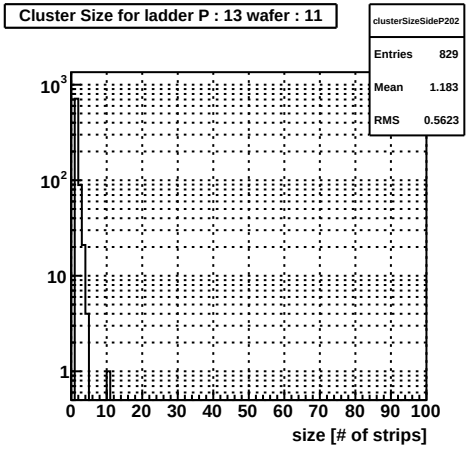

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 1368
Mean 1.139
RMS 0.4132
size [# of strips]

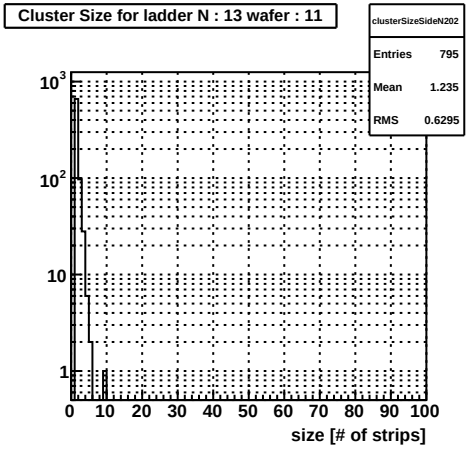

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 1671
Mean 1.092
RMS 0.386
size [# of strips]

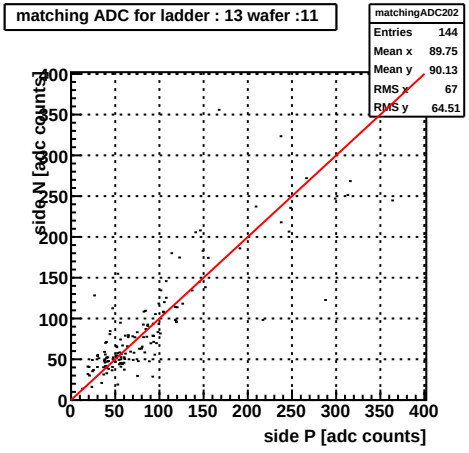

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 198
Mean x 86.94
Mean y 52.4
RMS x 71.33
RMS y 52.76
side N [adc counts]
side P [adc counts]

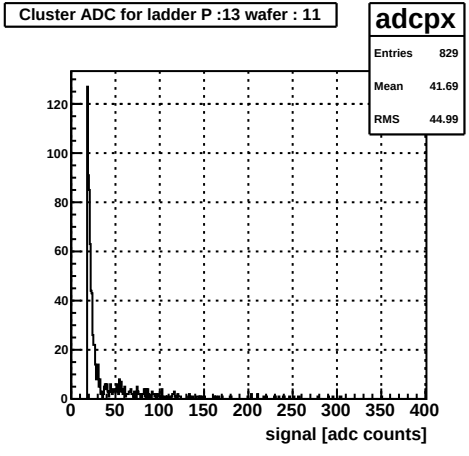

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 1368
Mean 42.78
RMS 40.87
signal [adc counts]

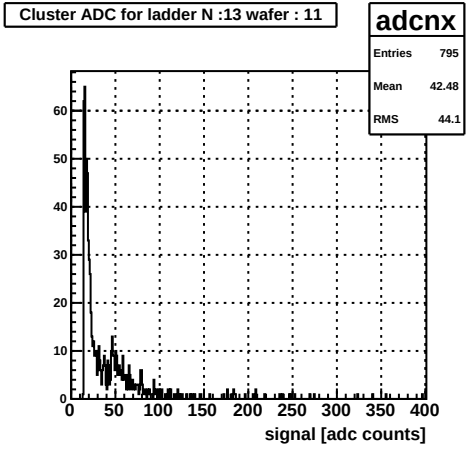

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 1671
Mean 34.59
RMS 35.55
signal [adc counts]

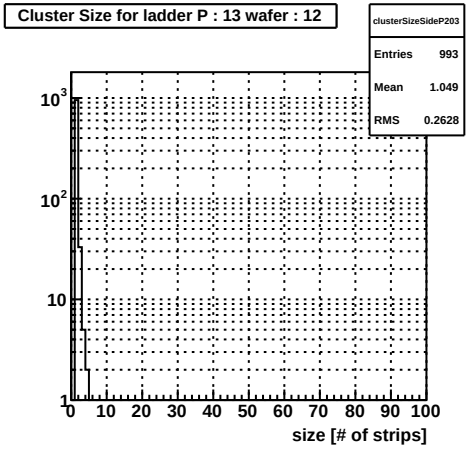

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 829
Mean 1.183
RMS 0.5623
size [# of strips]

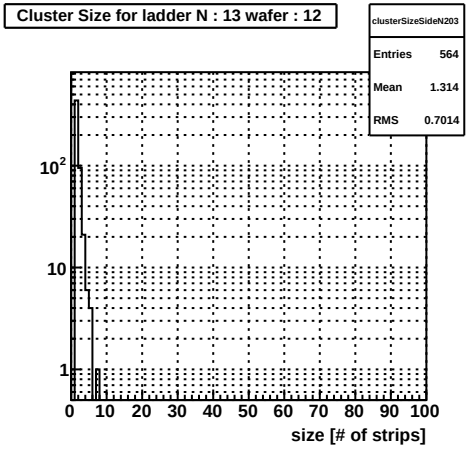

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 795
Mean 1.235
RMS 0.6295
size [# of strips]

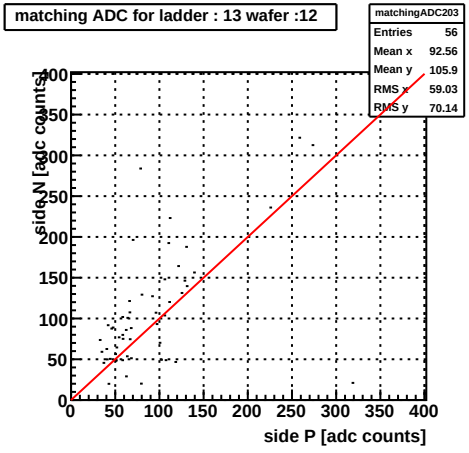

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 144
Mean x 89.75
Mean y 90.13
RMS x 67
RMS y 64.51
side N [adc counts]
side P [adc counts]

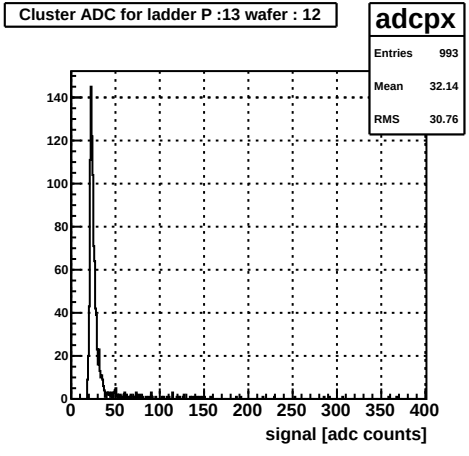

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 829
Mean 41.69
RMS 44.99
signal [adc counts]

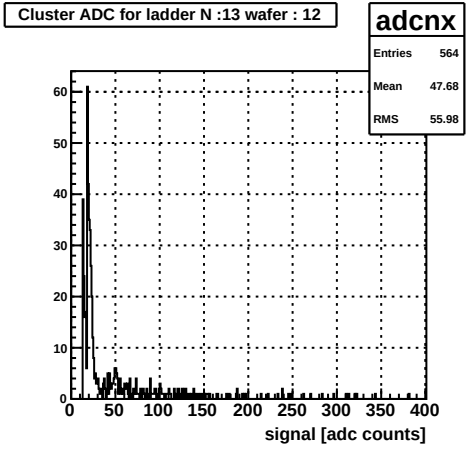

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 795
Mean 42.48
RMS 44.1
signal [adc counts]

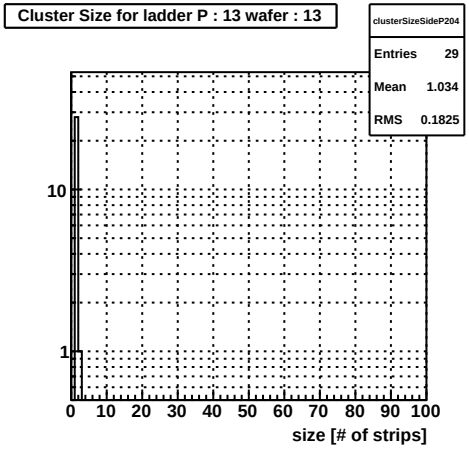

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 993
Mean 1.049
RMS 0.2628
size [# of strips]

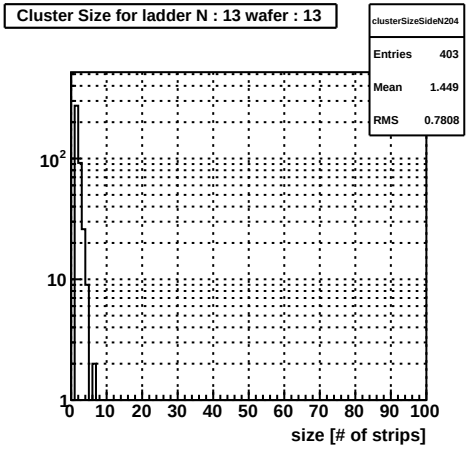

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 564
Mean 1.314
RMS 0.7014
size [# of strips]

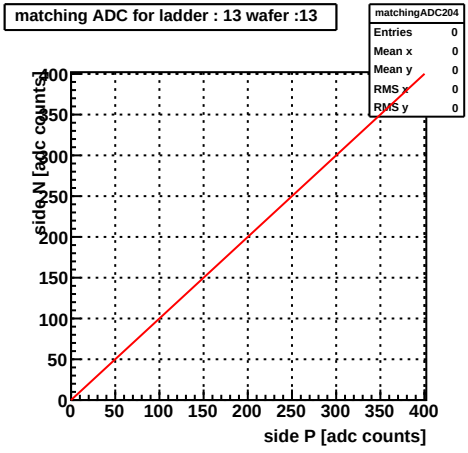

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 56
Mean x 92.56
Mean y 105.9
RMS x 59.03
RMS y 70.14
side N [adc counts]
side P [adc counts]

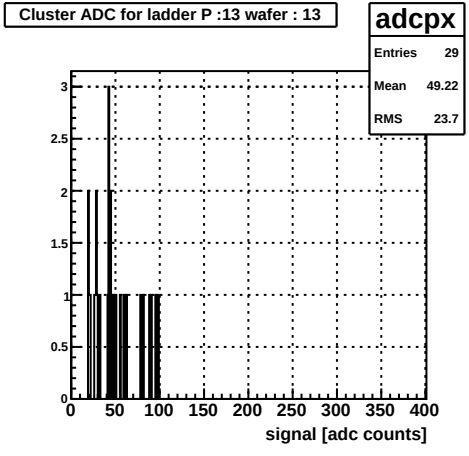

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 993
Mean 32.14
RMS 30.76
signal [adc counts]

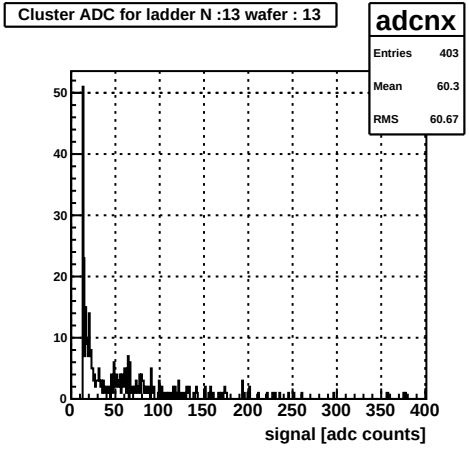

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 564
Mean 47.68
RMS 55.98
signal [adc counts]

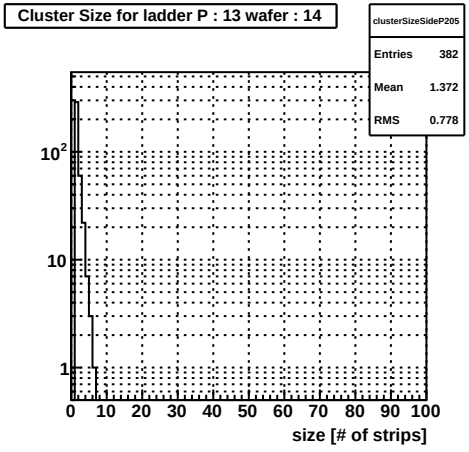

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 29
Mean 1.034
RMS 0.1825
size [# of strips]

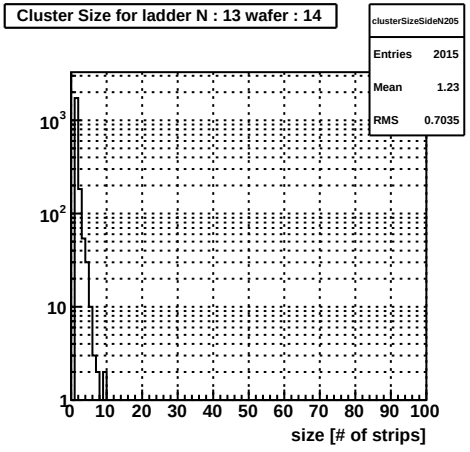

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 403
Mean 1.449
RMS 0.7808
size [# of strips]

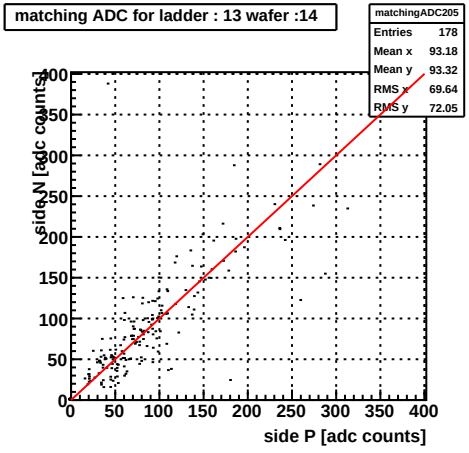

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

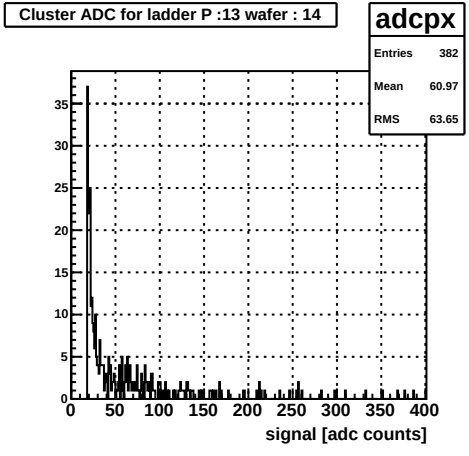

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 29
Mean 49.22
RMS 23.7
signal [adc counts]

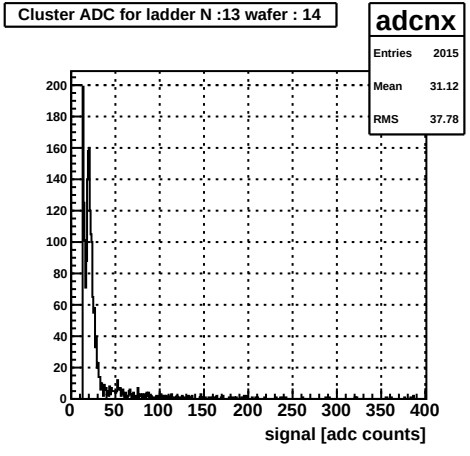

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 403
Mean 60.3
RMS 60.67
signal [adc counts]

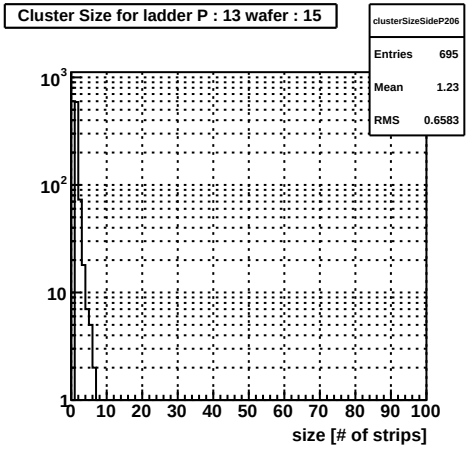

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 382
Mean 1.372
RMS 0.778
size [# of strips]

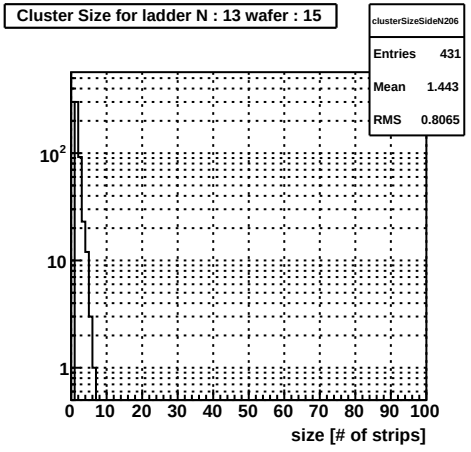

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 2015
Mean 1.23
RMS 0.7035
size [# of strips]

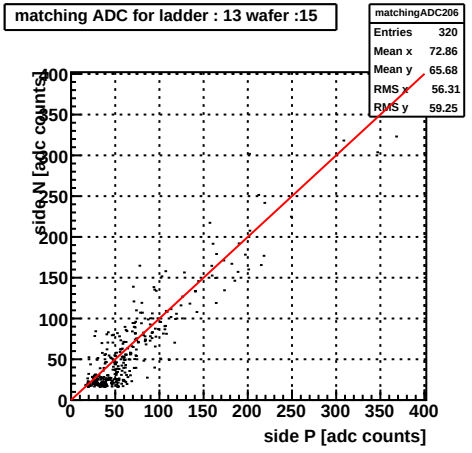

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 178
Mean x 93.18
Mean y 93.32
RMS x 69.64
RMS y 72.05
side N [adc counts]
side P [adc counts]

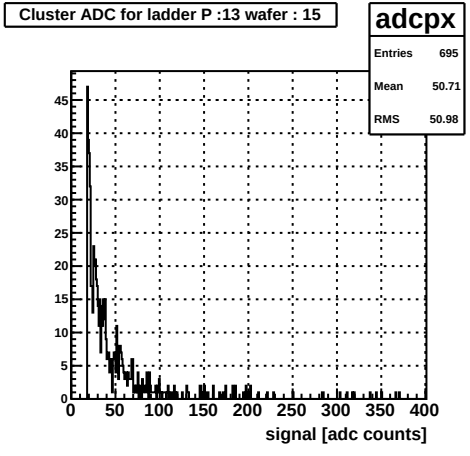

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 382
Mean 60.97
RMS 63.65
signal [adc counts]

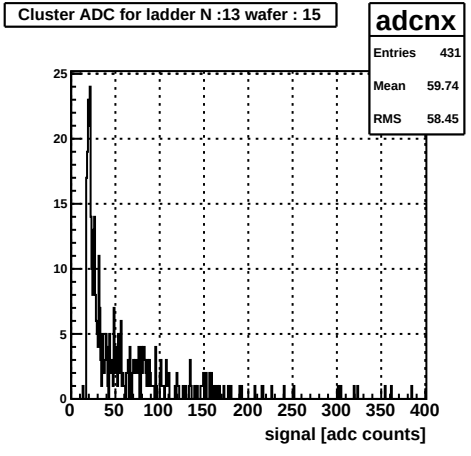

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 2015
Mean 31.12
RMS 37.78
signal [adc counts]

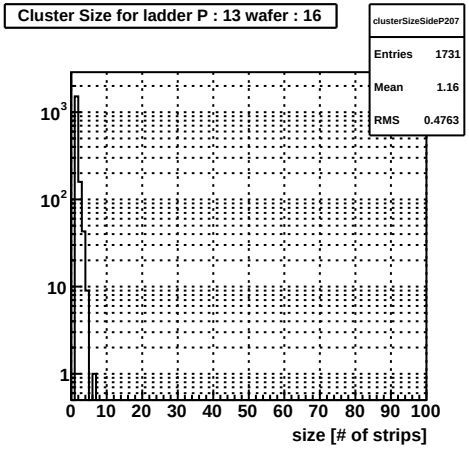

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 695
Mean 1.23
RMS 0.6583
size [# of strips]

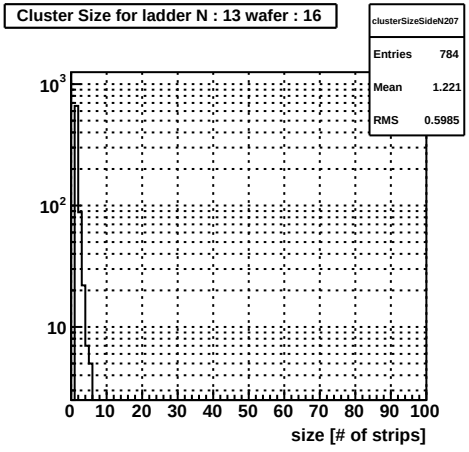

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 431
Mean 1.443
RMS 0.8065
size [# of strips]

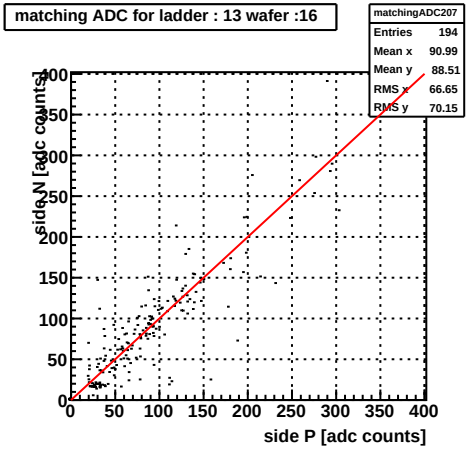

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 320
Mean x 72.86
Mean y 65.68
RMS x 56.31
RMS y 59.25
side N [adc counts]
side P [adc counts]

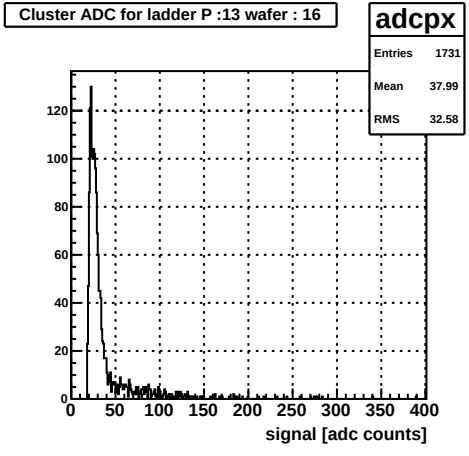

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 695
Mean 50.71
RMS 50.98
signal [adc counts]

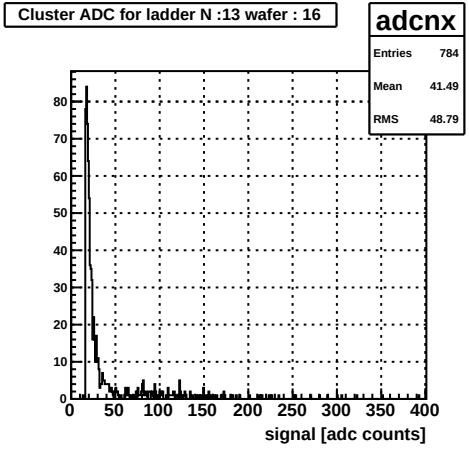

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 431
Mean 59.74
RMS 58.45
signal [adc counts]

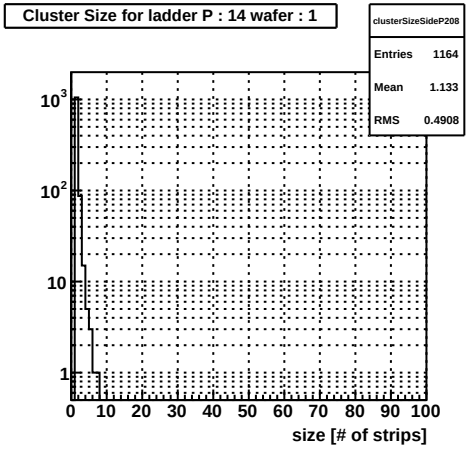

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 1731
Mean 1.16
RMS 0.4763
size [# of strips]

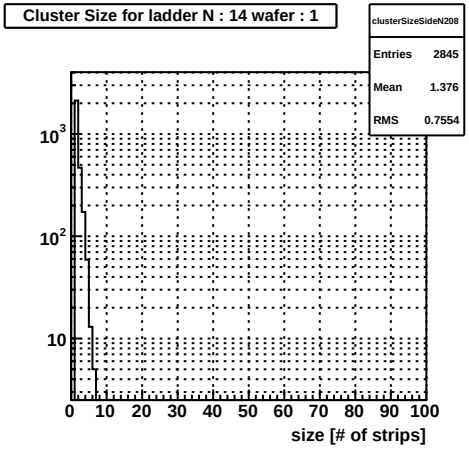

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 784
Mean 1.221
RMS 0.5985
size [# of strips]

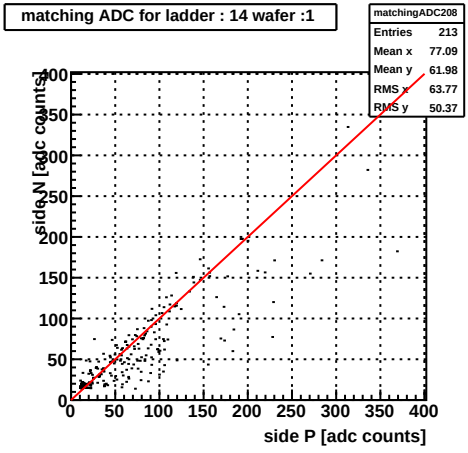

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 194
Mean x 90.99
Mean y 88.51
RMS x 66.65
RMS y 70.15
side N [adc counts]
side P [adc counts]

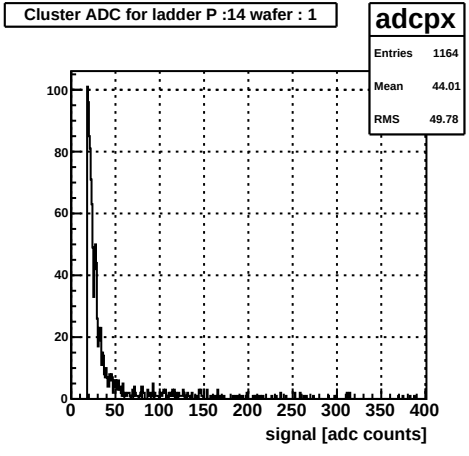

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 1731
Mean 37.99
RMS 32.58
signal [adc counts]

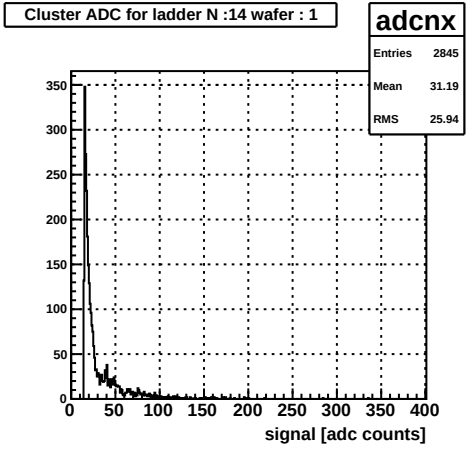

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 784
Mean 41.49
RMS 48.79
signal [adc counts]

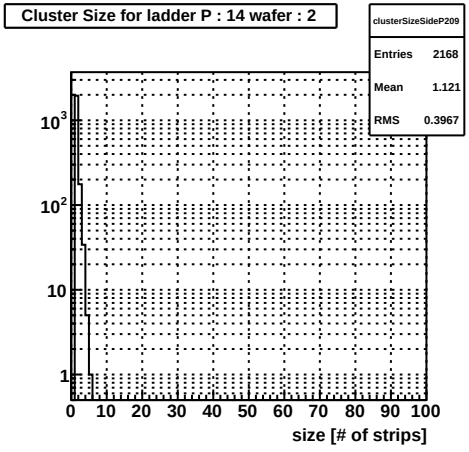

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 1164
Mean 1.133
RMS 0.4908
size [# of strips]

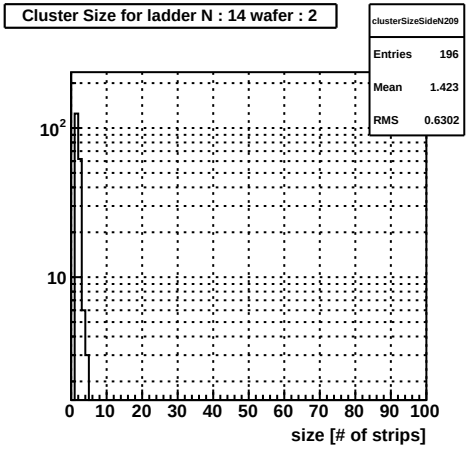

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 2845
Mean 1.376
RMS 0.7554
size [# of strips]

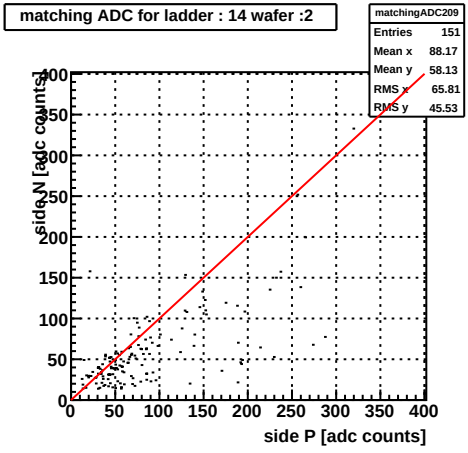

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 213
Mean x 77.09
Mean y 61.98
RMS x 63.77
RMS y 50.37
side N [adc counts]
side P [adc counts]

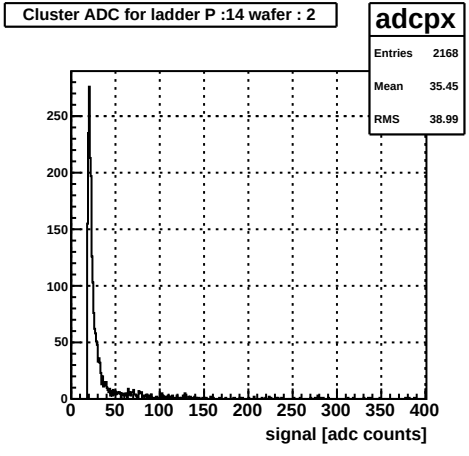

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 1164
Mean 44.01
RMS 49.78
signal [adc counts]

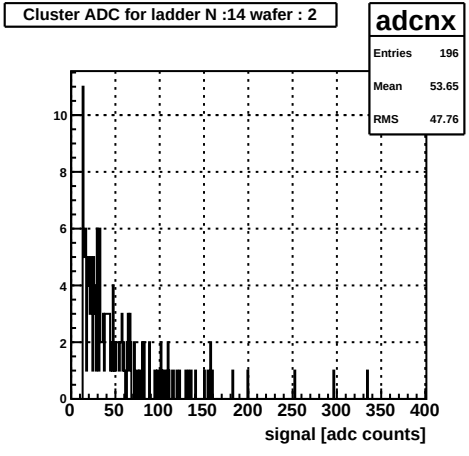

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 2845
Mean 31.19
RMS 25.94
signal [adc counts]

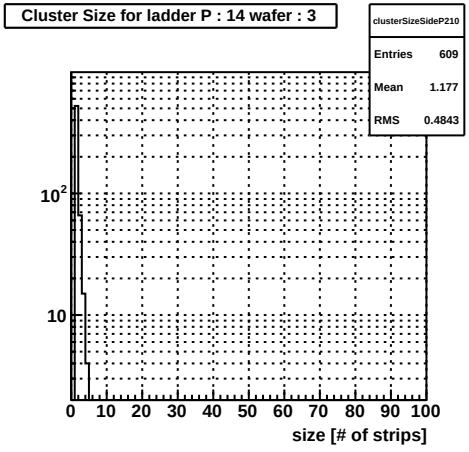

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 2168
Mean 1.121
RMS 0.3967
size [# of strips]

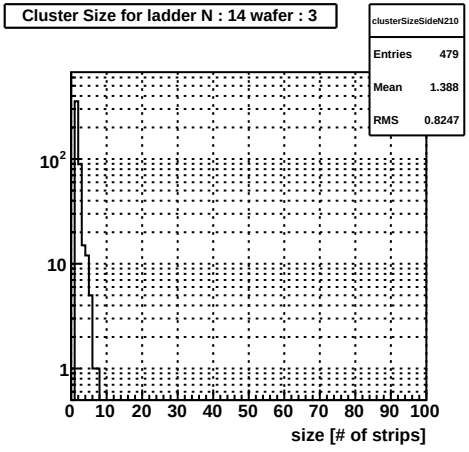

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 196
Mean 1.423
RMS 0.6302
size [# of strips]

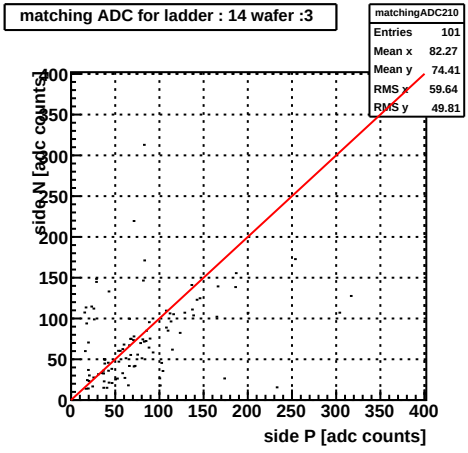

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 151
Mean x 88.17
Mean y 58.13
RMS x 65.81
RMS y 45.53
side N [adc counts]
side P [adc counts]

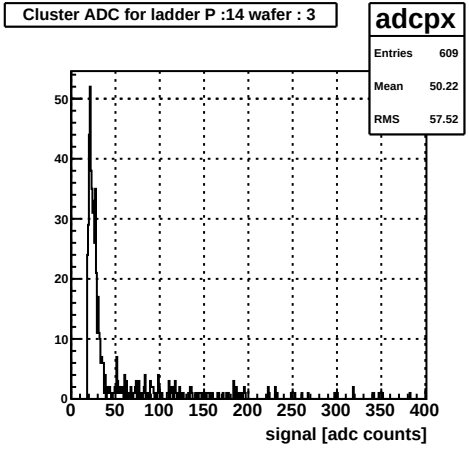

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 2168
Mean 35.45
RMS 38.99
signal [adc counts]

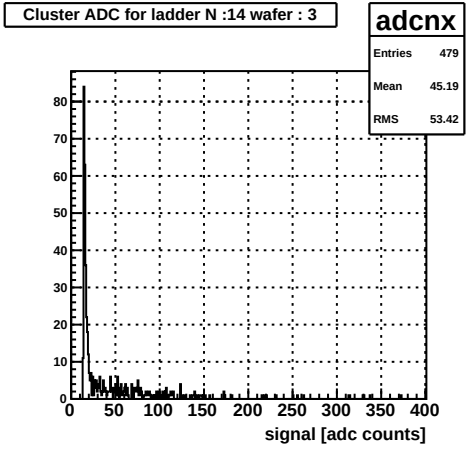

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 196
Mean 53.65
RMS 47.76
signal [adc counts]

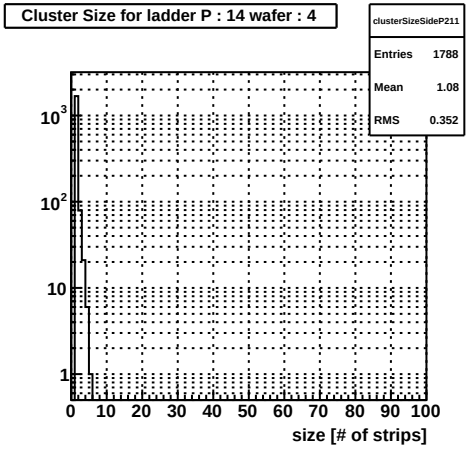

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 609
Mean 1.177
RMS 0.4843
size [# of strips]

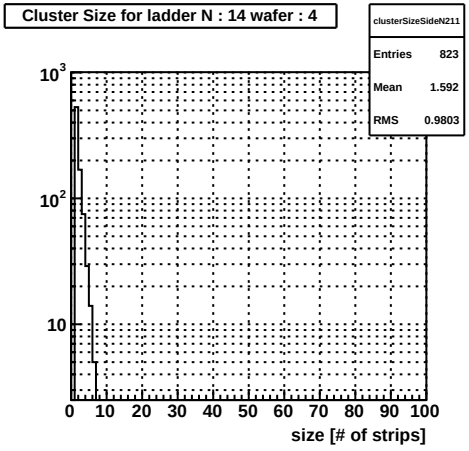

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 479
Mean 1.388
RMS 0.8247
size [# of strips]

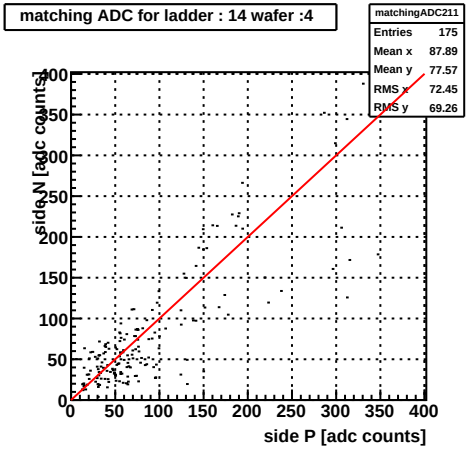

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 101
Mean x 82.27
Mean y 74.41
RMS x 59.64
RMS y 49.81
side N [adc counts]
side P [adc counts]

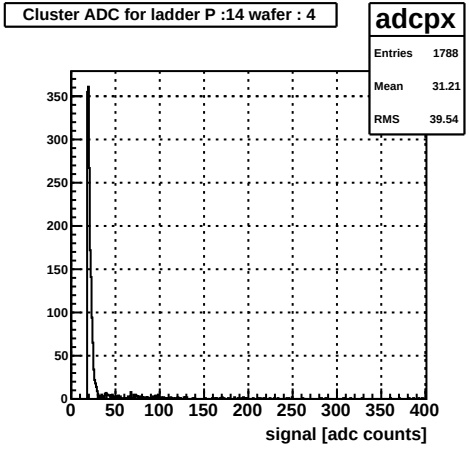

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 609
Mean 50.22
RMS 57.52
signal [adc counts]

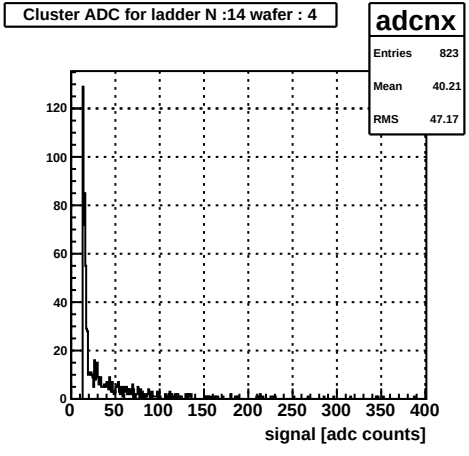

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 479
Mean 45.19
RMS 53.42
signal [adc counts]

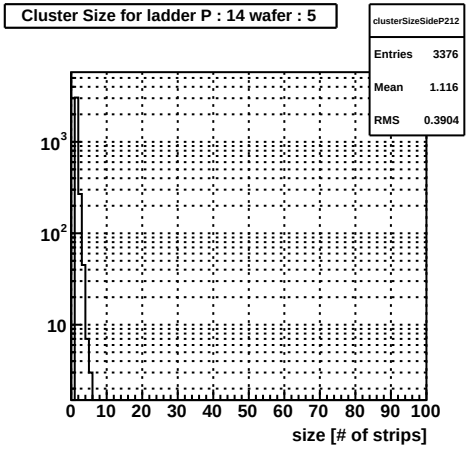

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 1788
Mean 1.08
RMS 0.352
size [# of strips]

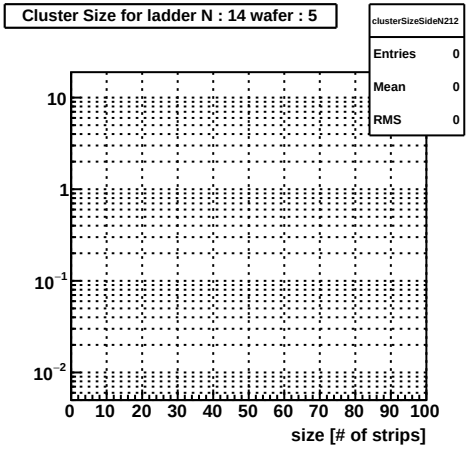

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 823
Mean 1.592
RMS 0.9803
size [# of strips]

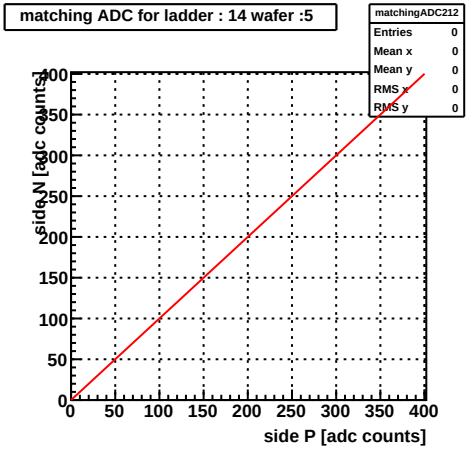

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 175
Mean x 87.89
Mean y 77.57
RMS x 72.45
RMS y 69.26
side N [adc counts]
side P [adc counts]

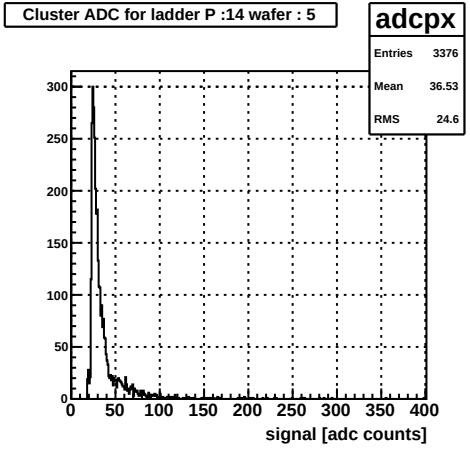

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 1788
Mean 31.21
RMS 39.54
signal [adc counts]

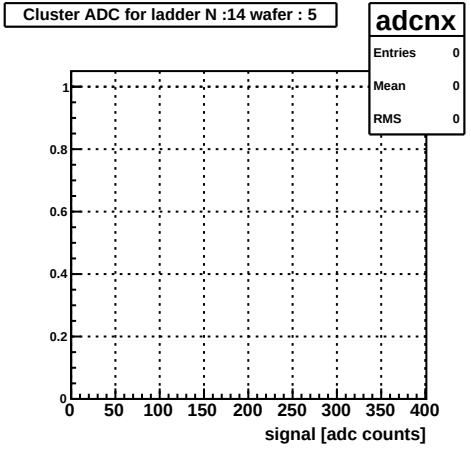

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 823
Mean 40.21
RMS 47.17
signal [adc counts]

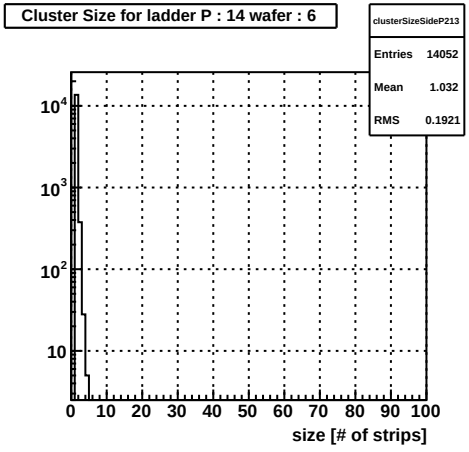

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 3376
Mean 1.116
RMS 0.3904
size [# of strips]

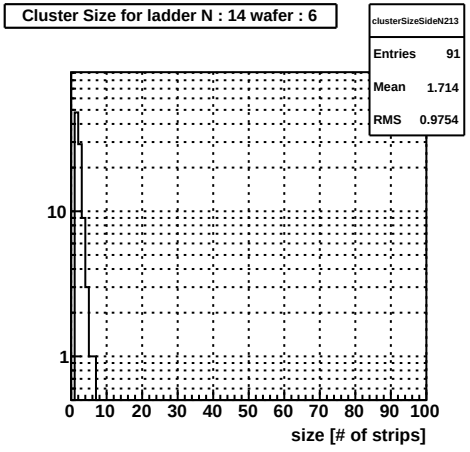

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

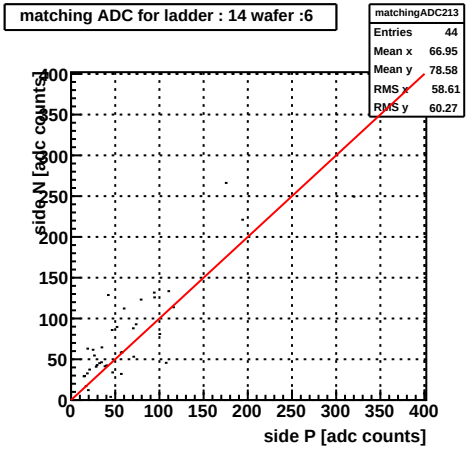

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

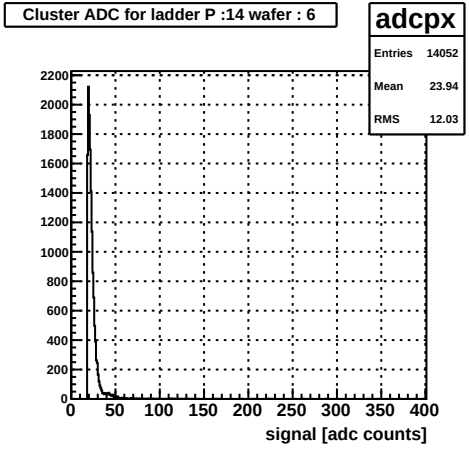

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 3376
Mean 36.53
RMS 24.6
signal [adc counts]

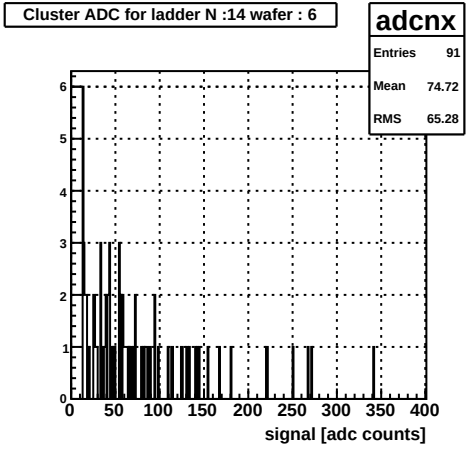

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

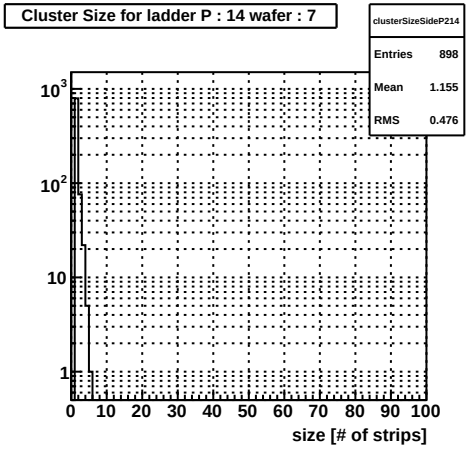

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 14052
Mean 1.032
RMS 0.1921
size [# of strips]

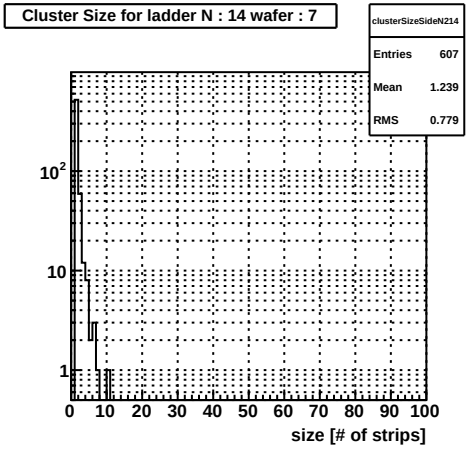

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 91
Mean 1.714
RMS 0.9754
size [# of strips]

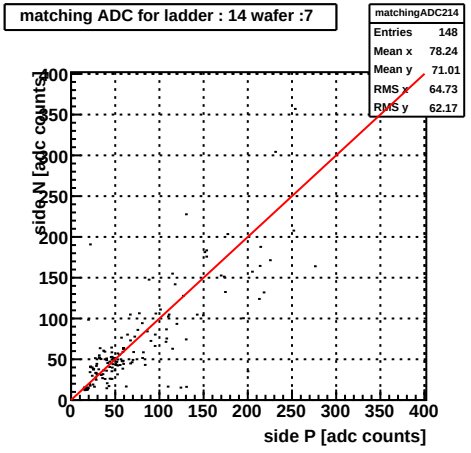

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 44
Mean x 66.95
Mean y 78.58
RMS x 58.61
RMS y 60.27
side N [adc counts]
side P [adc counts]

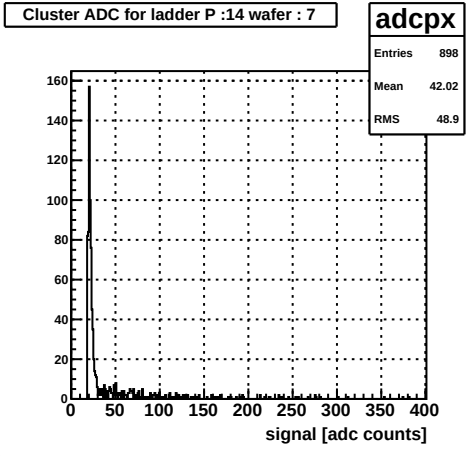

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 14052
Mean 23.94
RMS 12.03
signal [adc counts]

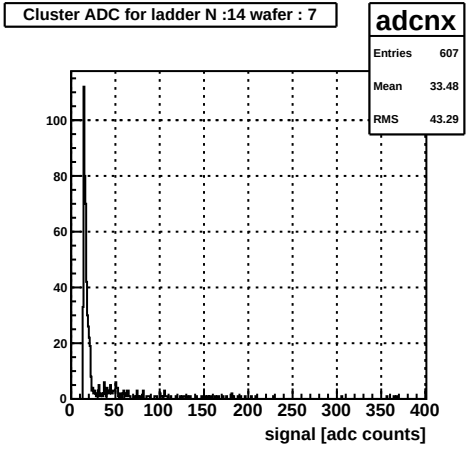

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 91
Mean 74.72
RMS 65.28
signal [adc counts]

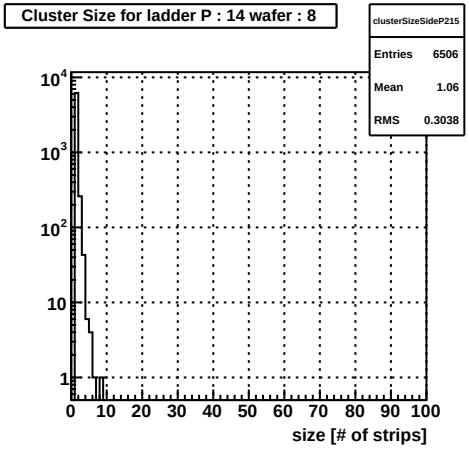

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 898
Mean 1.155
RMS 0.476
size [# of strips]

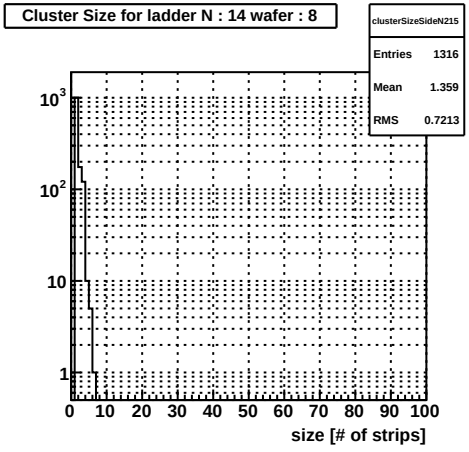

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 607
Mean 1.239
RMS 0.779
size [# of strips]

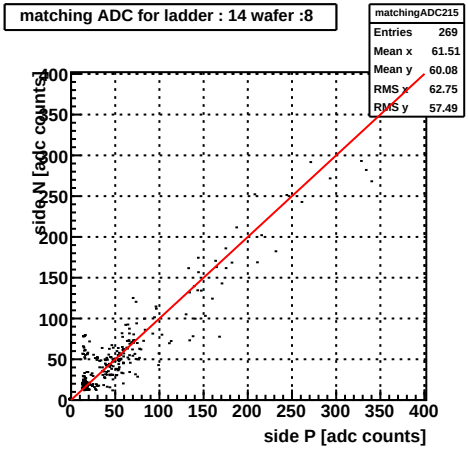

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 148
Mean x 78.24
Mean y 71.01
RMS x 64.73
RMS y 62.17
side N [adc counts]
side P [adc counts]

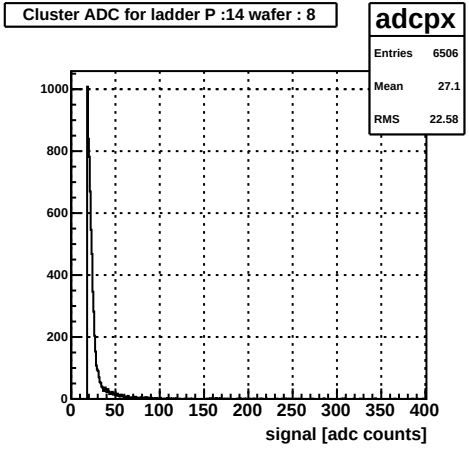

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 898
Mean 42.02
RMS 48.9
signal [adc counts]

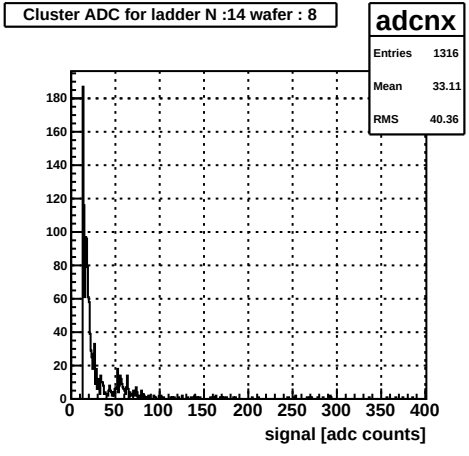

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 607
Mean 33.48
RMS 43.29
signal [adc counts]

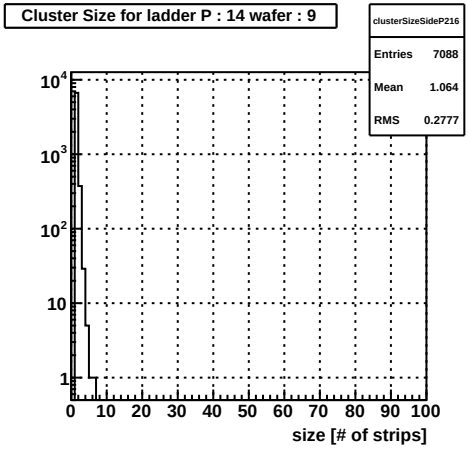

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 6506
Mean 1.06
RMS 0.3038
size [# of strips]

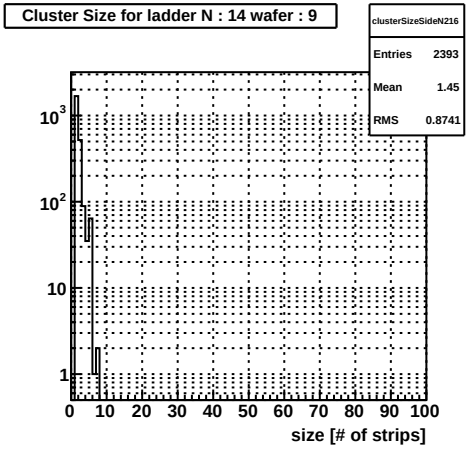

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 1316
Mean 1.359
RMS 0.7213
size [# of strips]

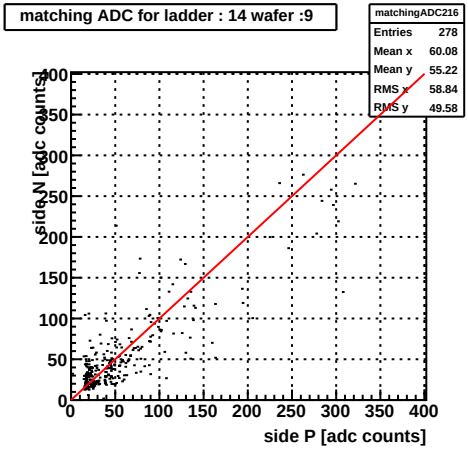

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 269
Mean x 61.51
Mean y 60.08
RMS x 62.75
RMS y 57.49
side N [adc counts]
side P [adc counts]

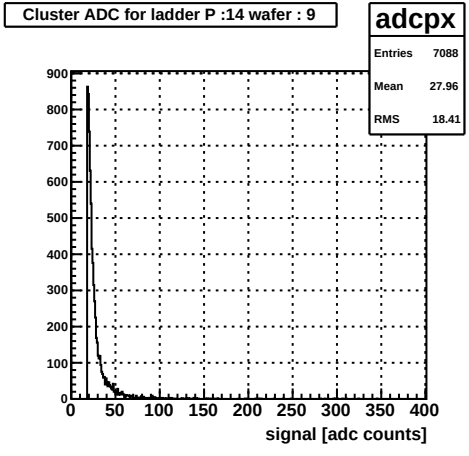

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 6506
Mean 27.1
RMS 22.58
signal [adc counts]

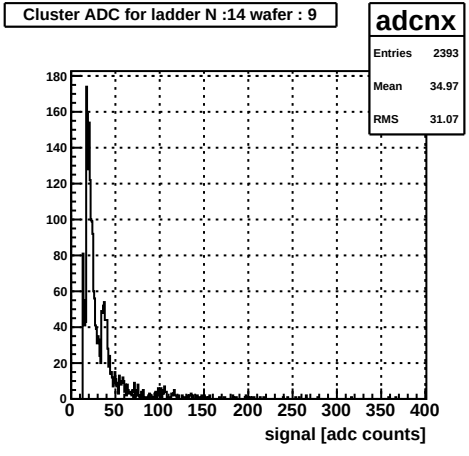

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 1316
Mean 33.11
RMS 40.36
signal [adc counts]

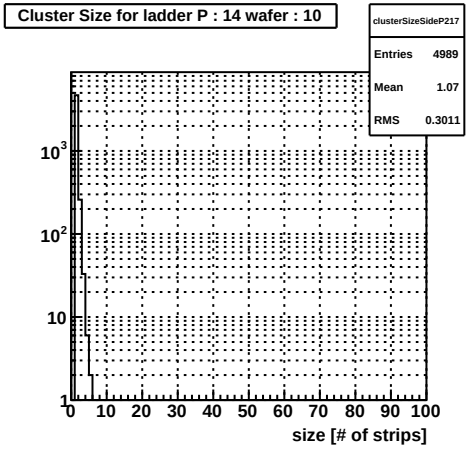

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 7088
Mean 1.064
RMS 0.2777
size [# of strips]

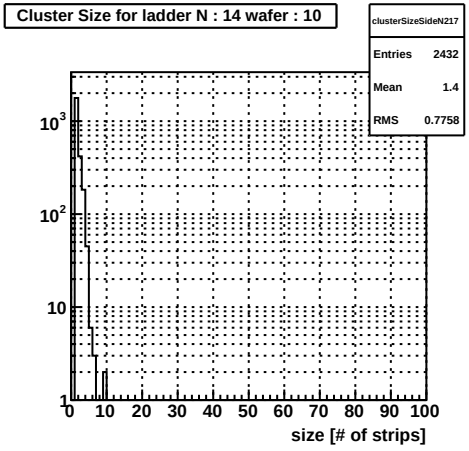

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 2393
Mean 1.45
RMS 0.8741
size [# of strips]

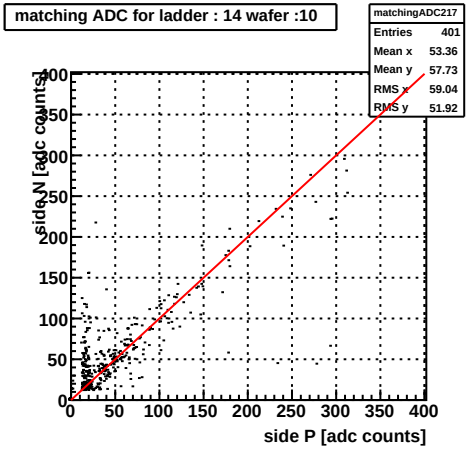

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 278
Mean x 60.08
Mean y 55.22
RMS x 58.84
RMS y 49.58
side N [adc counts]
side P [adc counts]

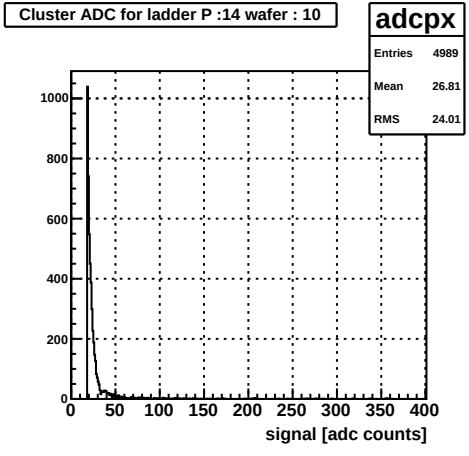

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 7088
Mean 27.96
RMS 18.41
signal [adc counts]

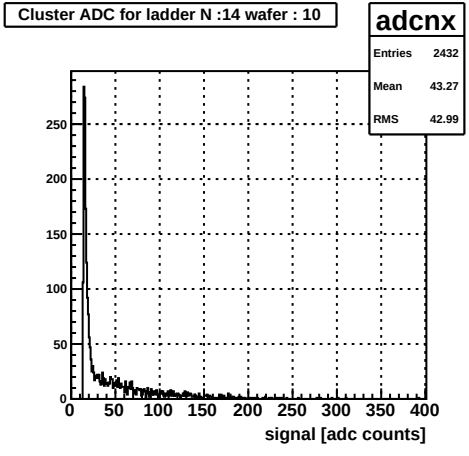

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 2393
Mean 34.97
RMS 31.07
signal [adc counts]

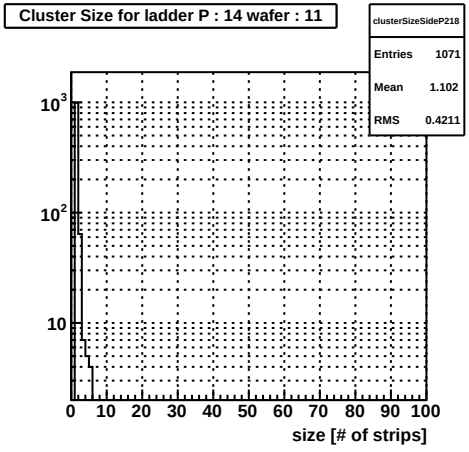

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 4989
Mean 1.07
RMS 0.3011
size [# of strips]

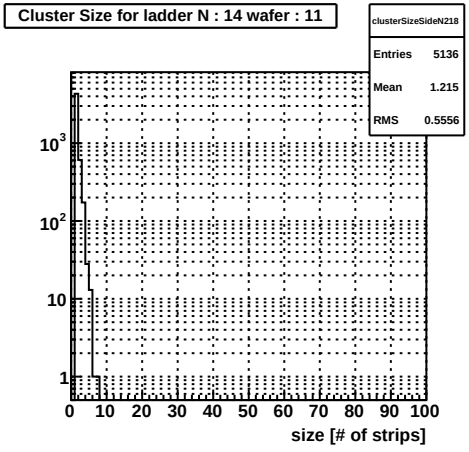

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 2432
Mean 1.4
RMS 0.7758
size [# of strips]

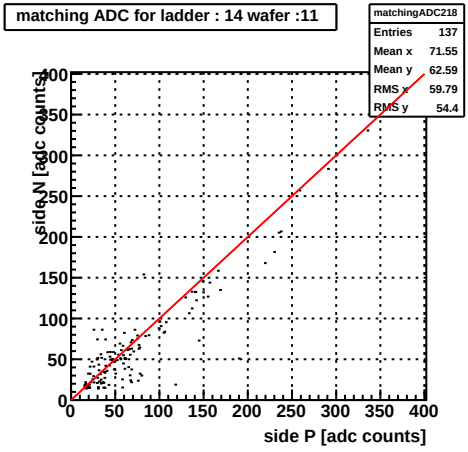

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 401
Mean x 53.36
Mean y 57.73
RMS x 59.04
RMS y 51.92
side N [adc counts]
side P [adc counts]

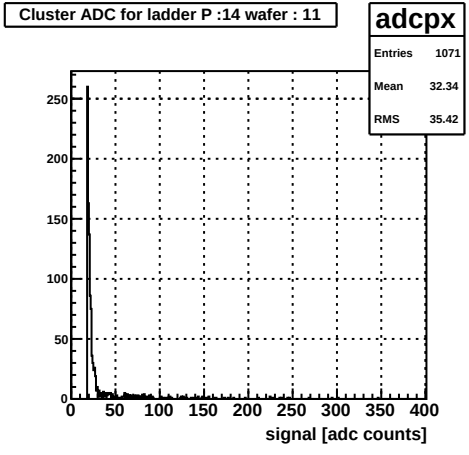

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 4989
Mean 26.81
RMS 24.01
signal [adc counts]

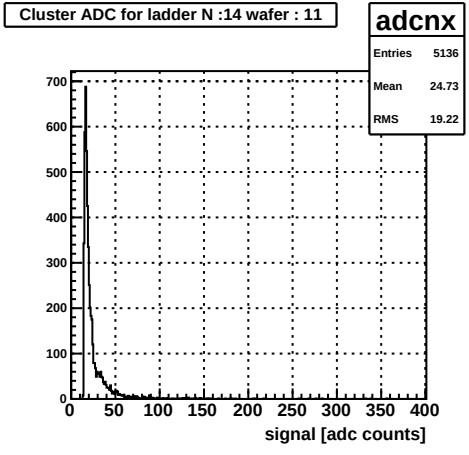

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 2432
Mean 43.27
RMS 42.99
signal [adc counts]

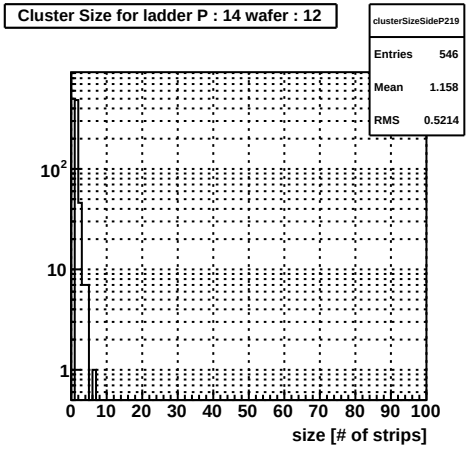

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 1071
Mean 1.102
RMS 0.4211
size [# of strips]

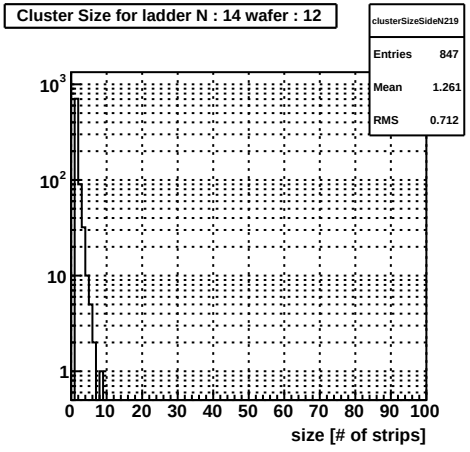

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 5136
Mean 1.215
RMS 0.5556
size [# of strips]

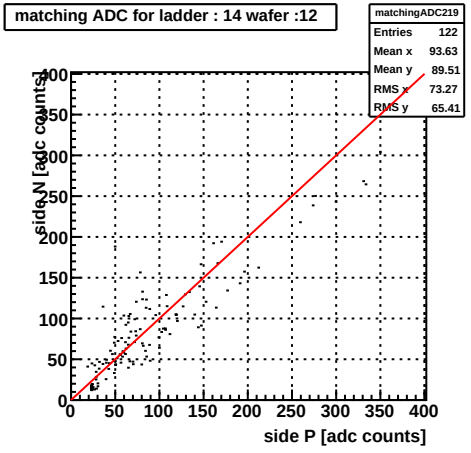

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 137
Mean x 71.55
Mean y 62.59
RMS x 59.79
RMS y 54.4
side N [adc counts]
side P [adc counts]

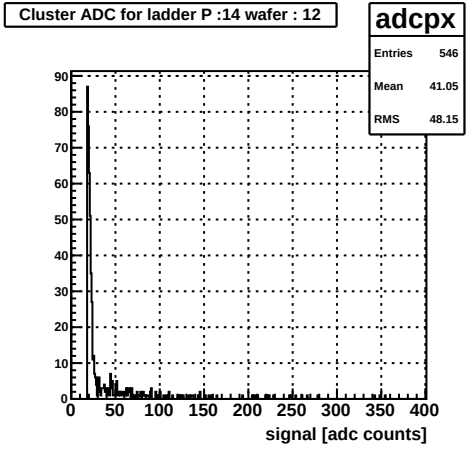

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 1071
Mean 32.34
RMS 35.42
signal [adc counts]

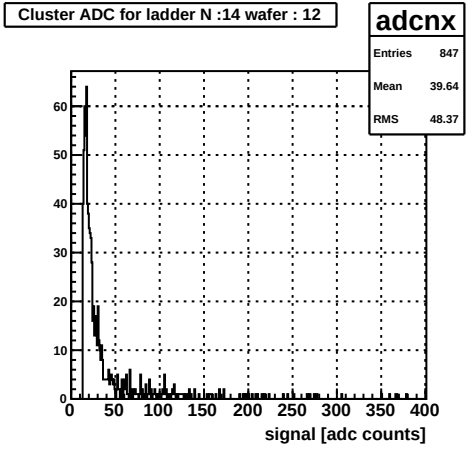

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 5136
Mean 24.73
RMS 19.22
signal [adc counts]

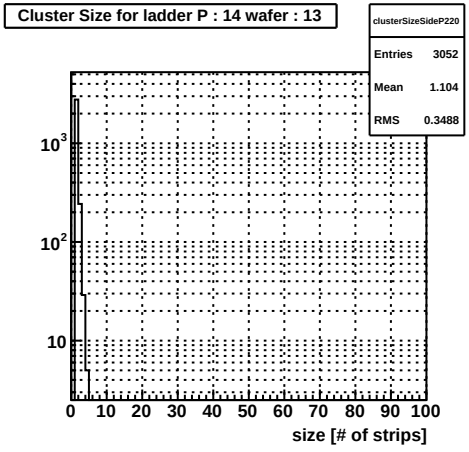

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 546
Mean 1.158
RMS 0.5214
size [# of strips]

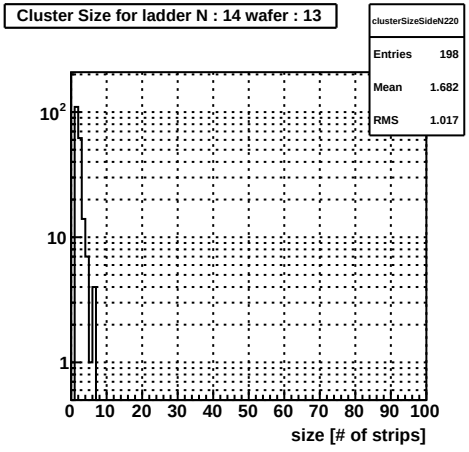

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 847
Mean 1.261
RMS 0.712
size [# of strips]

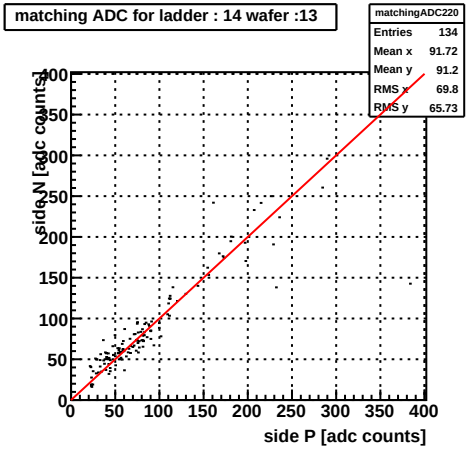

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 122
Mean x 93.63
Mean y 89.51
RMS x 73.27
RMS y 65.41
side N [adc counts]
side P [adc counts]

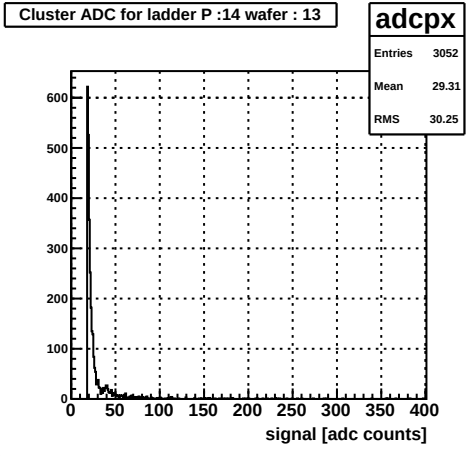

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 546
Mean 41.05
RMS 48.15
signal [adc counts]

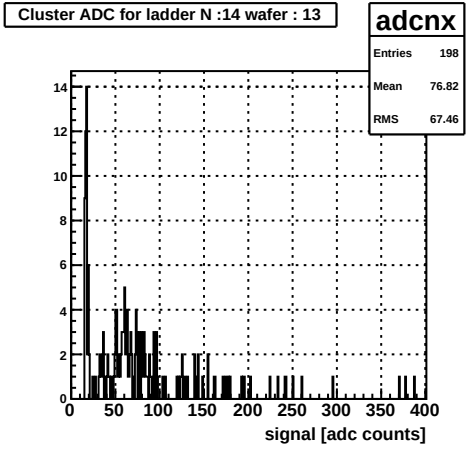

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 847
Mean 39.64
RMS 48.37
signal [adc counts]

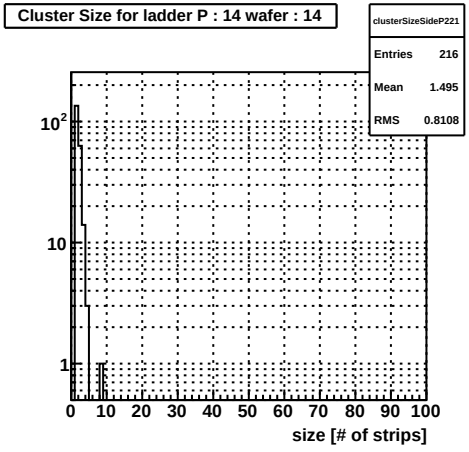

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 3052
Mean 1.104
RMS 0.3488
size [# of strips]

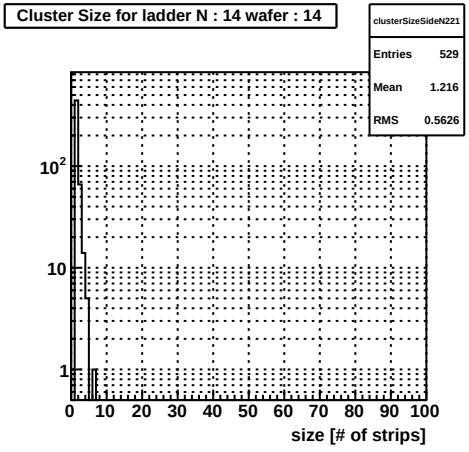

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 198
Mean 1.682
RMS 1.017
size [# of strips]

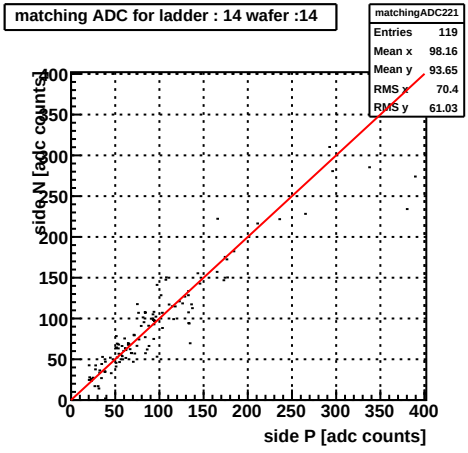

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 134
Mean x 91.72
Mean y 91.2
RMS x 69.8
RMS y 65.73
side N [adc counts]
side P [adc counts]

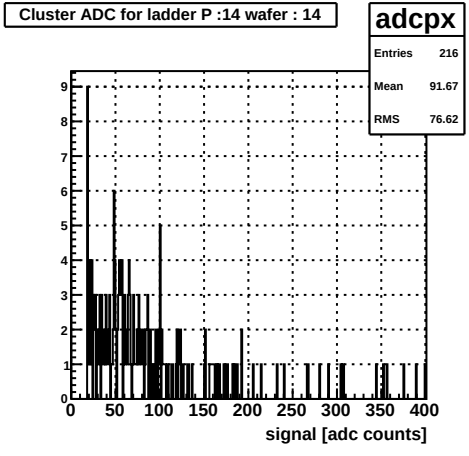

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 3052
Mean 29.31
RMS 30.25
signal [adc counts]

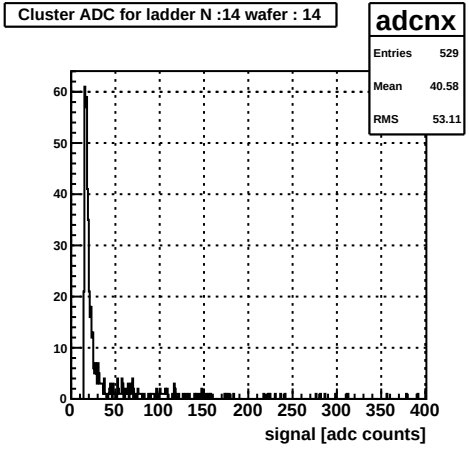

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 198
Mean 76.82
RMS 67.46
signal [adc counts]

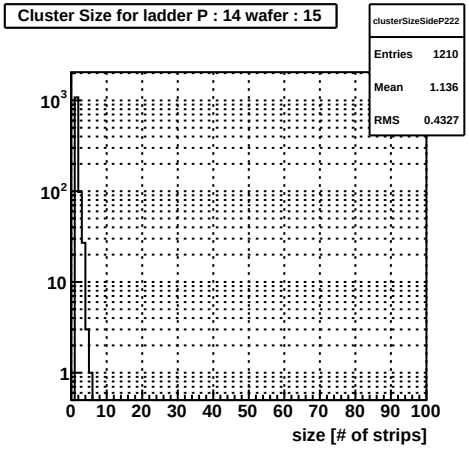

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 216
Mean 1.495
RMS 0.8108
size [# of strips]

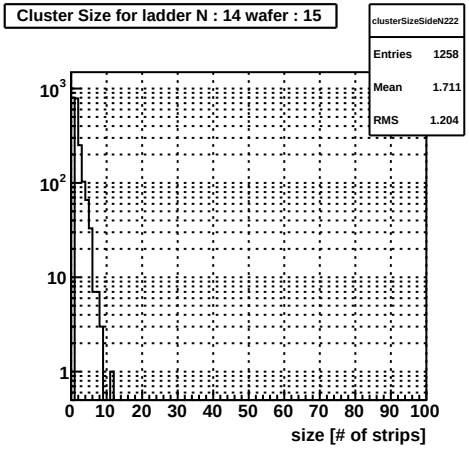

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 529
Mean 1.216
RMS 0.5626
size [# of strips]

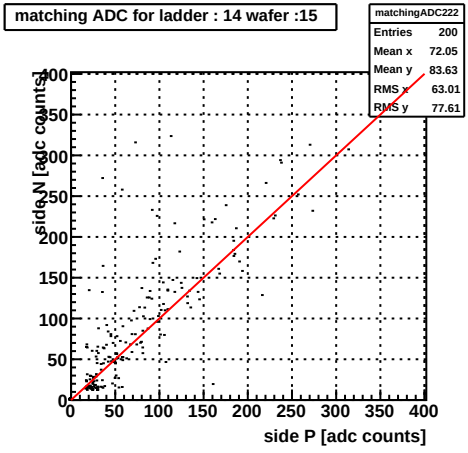

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 119
Mean x 98.16
Mean y 93.65
RMS x 70.4
RMS y 61.03
side N [adc counts]
side P [adc counts]

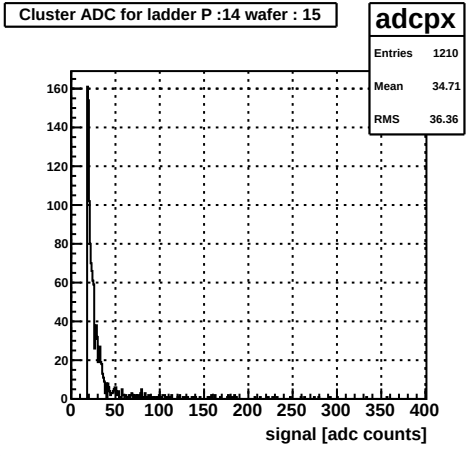

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 216
Mean 91.67
RMS 76.62
signal [adc counts]

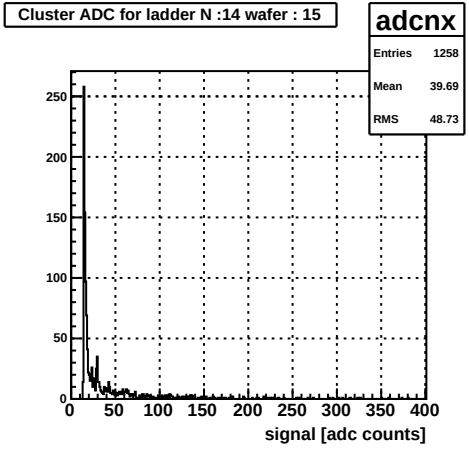

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 529
Mean 40.58
RMS 53.11
signal [adc counts]

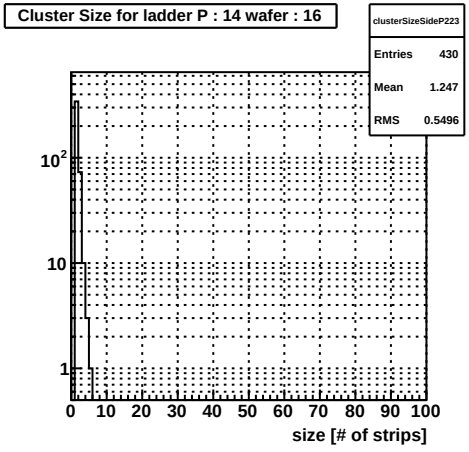

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 1210
Mean 1.136
RMS 0.4327
size [# of strips]

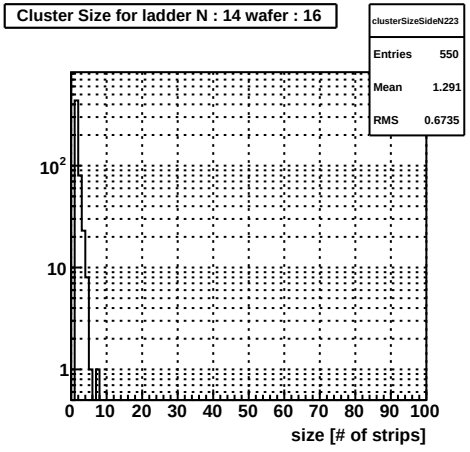

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 1258
Mean 1.711
RMS 1.204
size [# of strips]

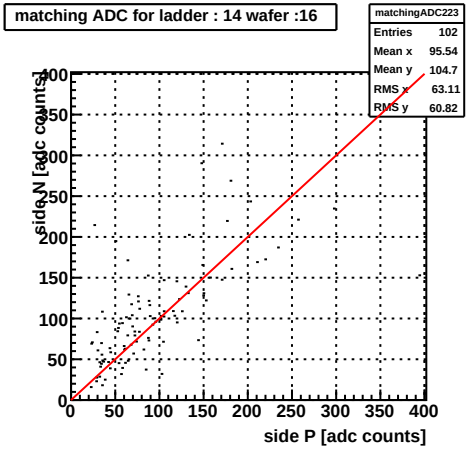

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 200
Mean x 72.05
Mean y 83.63
RMS x 63.01
RMS y 77.61
side N [adc counts]
side P [adc counts]

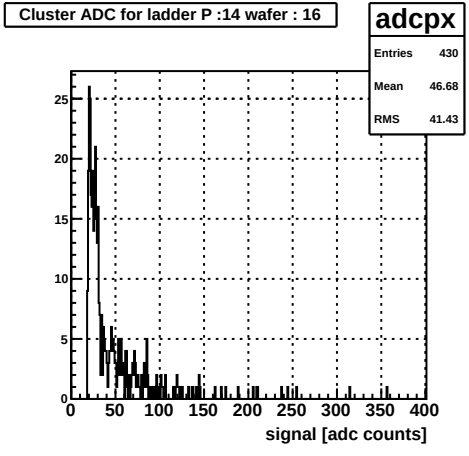

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 1210
Mean 34.71
RMS 36.36
signal [adc counts]

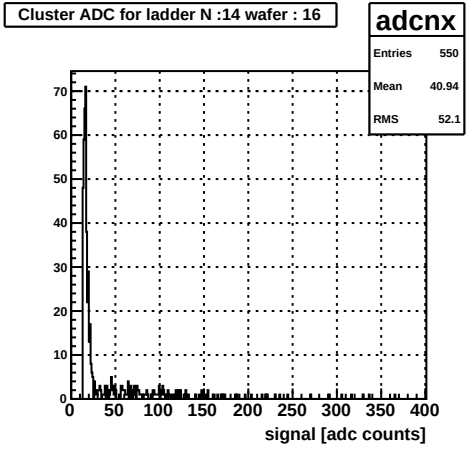

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 1258
Mean 39.69
RMS 48.73
signal [adc counts]

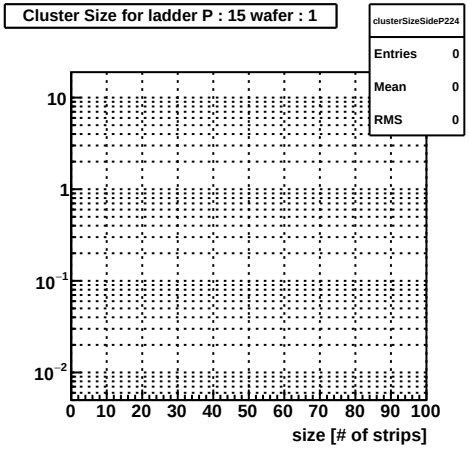

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 430
Mean 1.247
RMS 0.5496
size [# of strips]

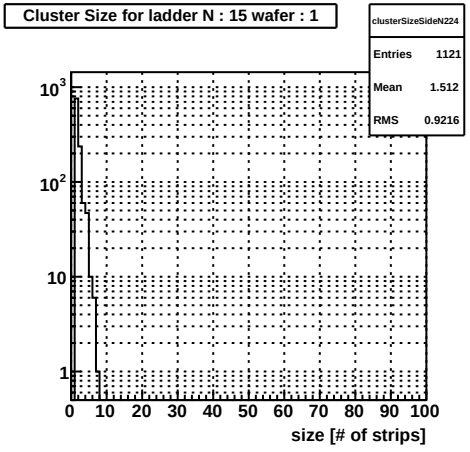

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 550
Mean 1.291
RMS 0.6735
size [# of strips]

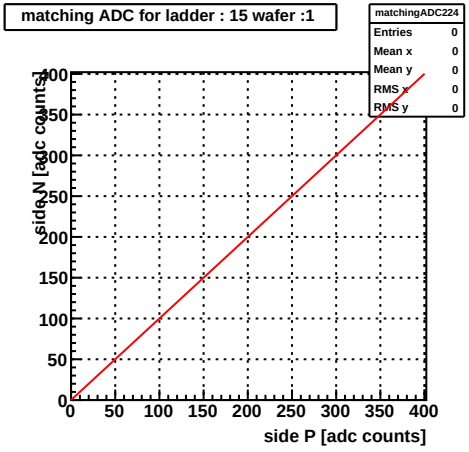

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 102
Mean x 95.54
Mean y 104.7
RMS x 63.11
RMS y 60.82
side N [adc counts]
side P [adc counts]

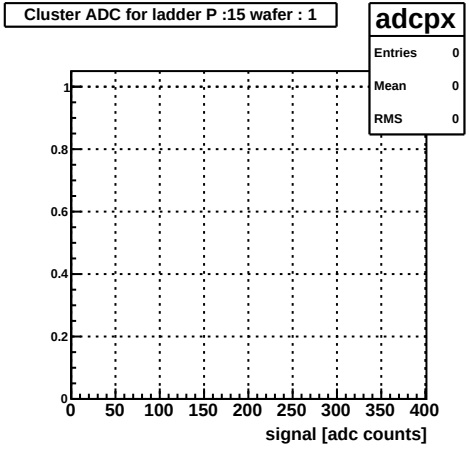

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 430
Mean 46.68
RMS 41.43
signal [adc counts]

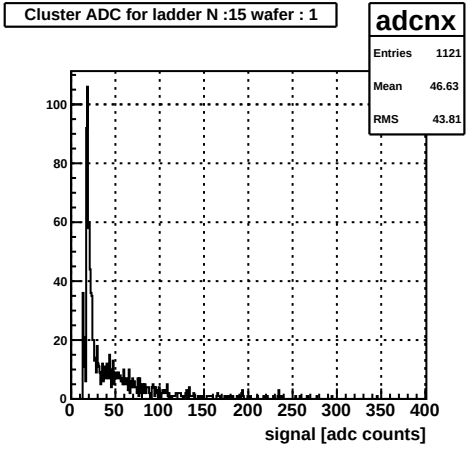

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 550
Mean 40.94
RMS 52.1
signal [adc counts]

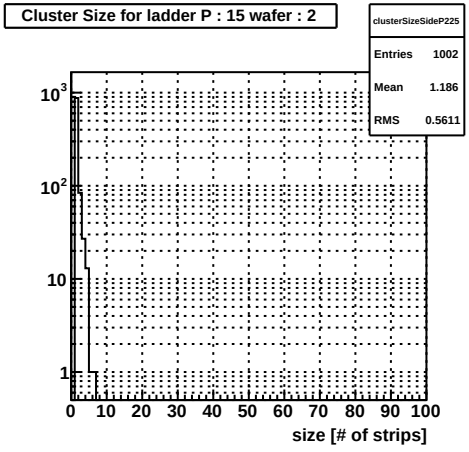

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

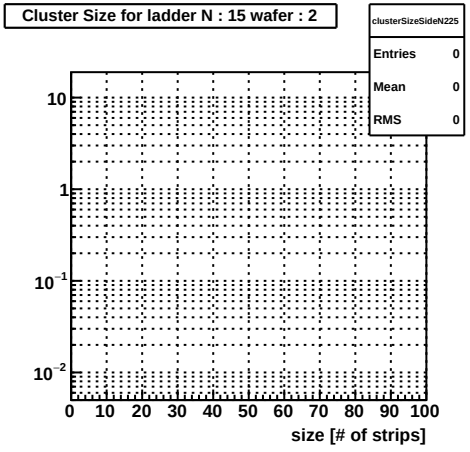

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 1121
Mean 1.512
RMS 0.9216
size [# of strips]

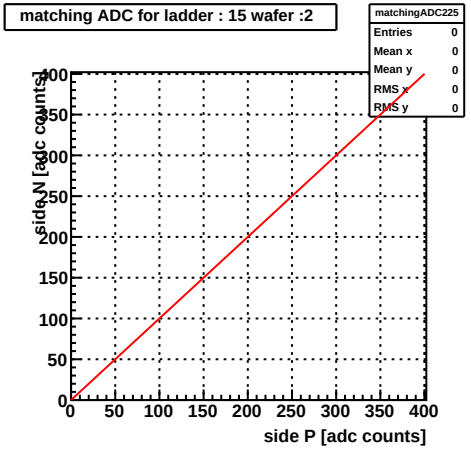

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

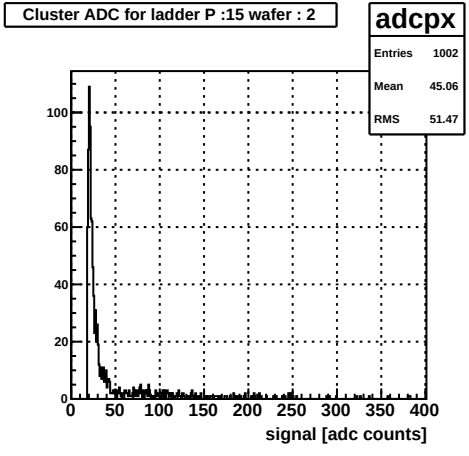

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

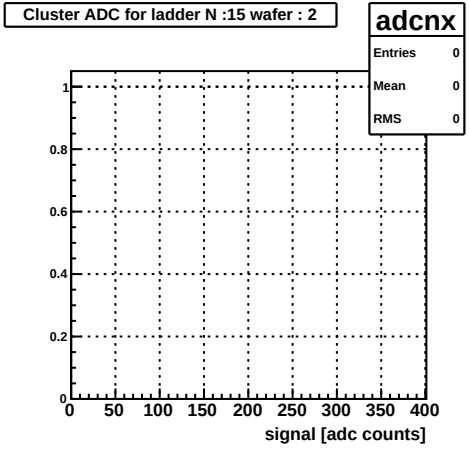

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 1121
Mean 46.63
RMS 43.81
signal [adc counts]

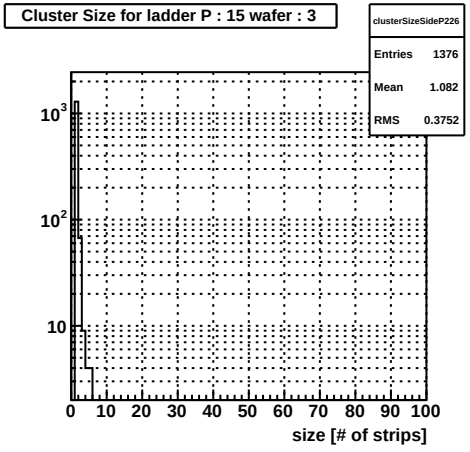

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 1002
Mean 1.186
RMS 0.5611
size [# of strips]

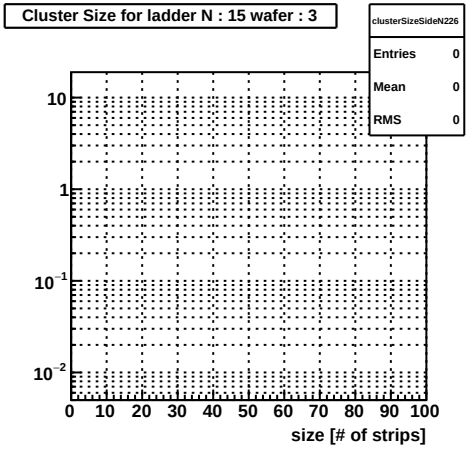

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

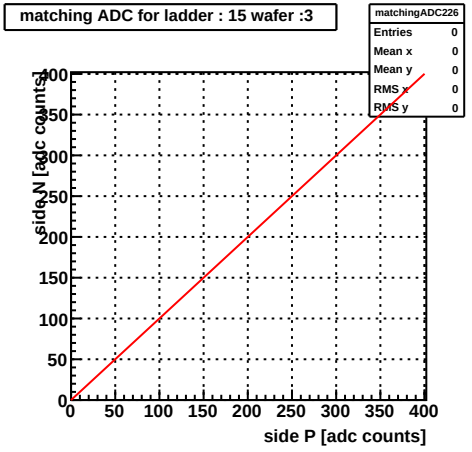

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

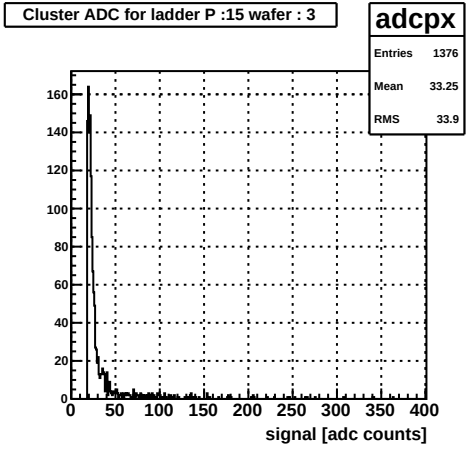

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 1002
Mean 45.06
RMS 51.47
signal [adc counts]

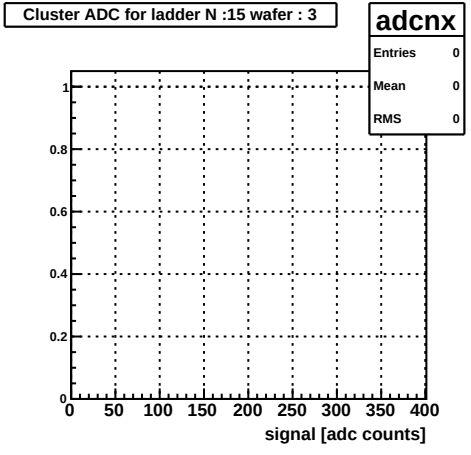

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

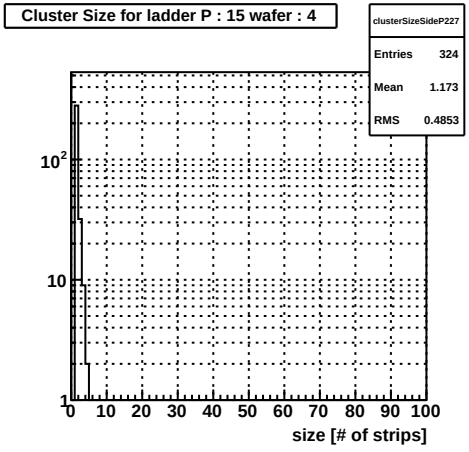

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 1376
Mean 1.082
RMS 0.3752
size [# of strips]

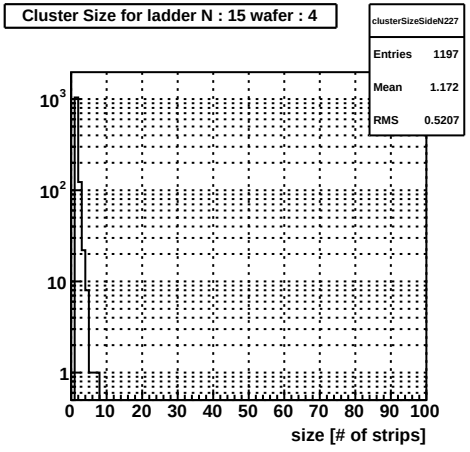

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

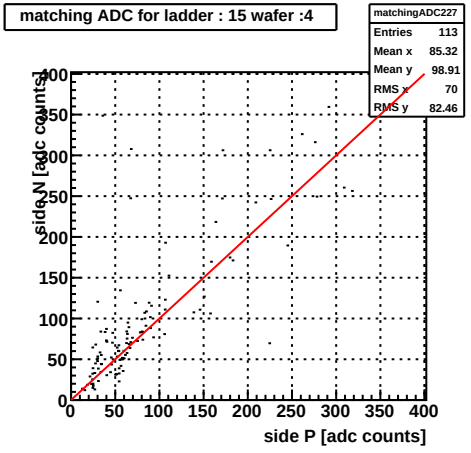

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

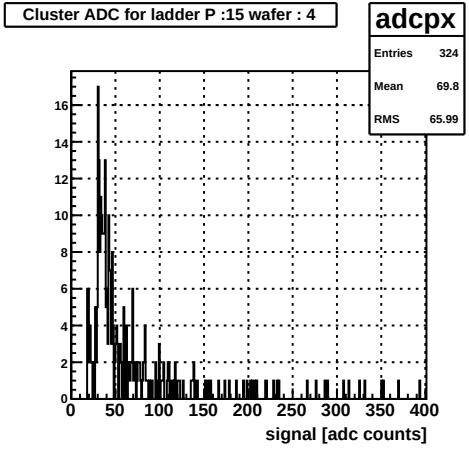

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 1376
Mean 33.25
RMS 33.9
signal [adc counts]

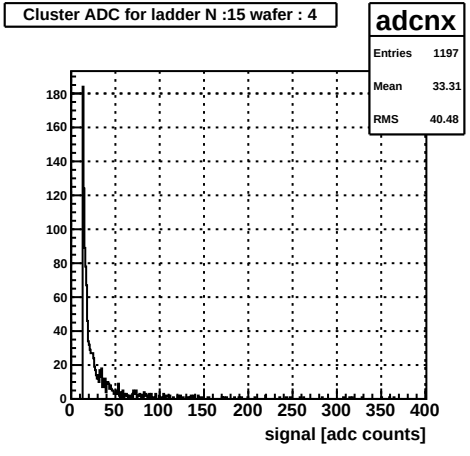

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

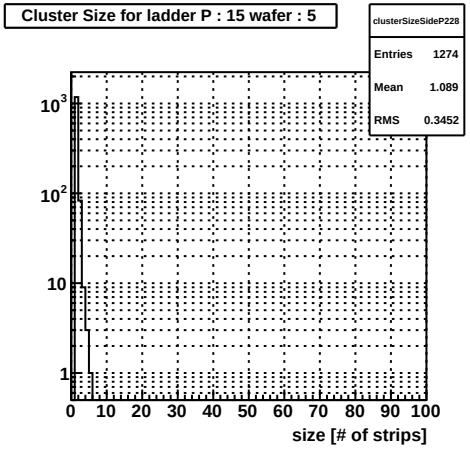

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 324
Mean 1.173
RMS 0.4853
size [# of strips]

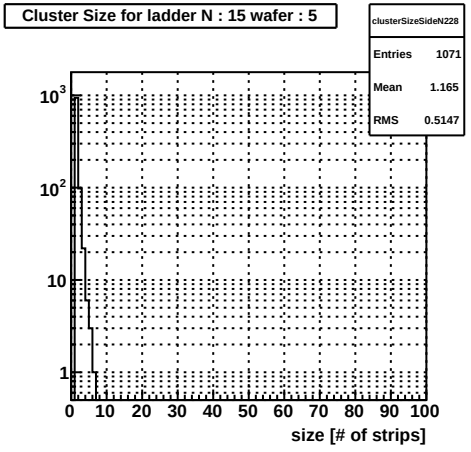

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 1197
Mean 1.172
RMS 0.5207
size [# of strips]

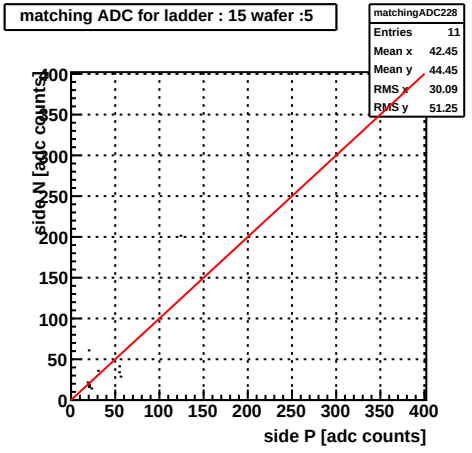

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 113
Mean x 85.32
Mean y 98.91
RMS x 70
RMS y 82.46
side N [adc counts]
side P [adc counts]

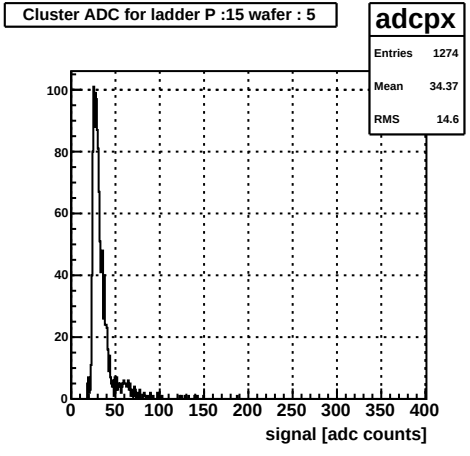

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 324
Mean 69.8
RMS 65.99
signal [adc counts]

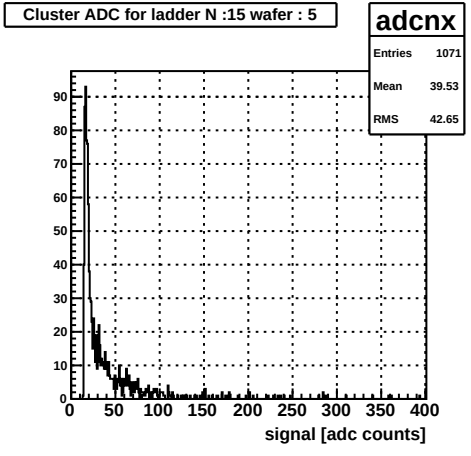

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 1197
Mean 33.31
RMS 40.48
signal [adc counts]

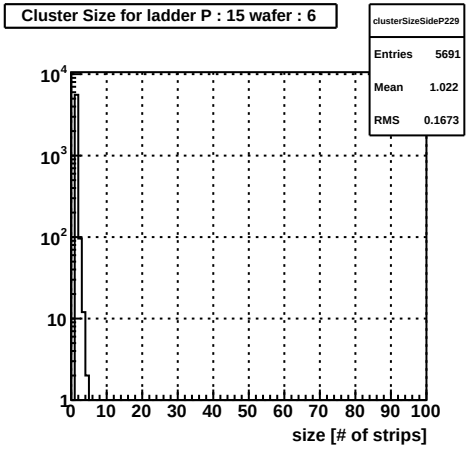

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1274
Mean 1.089
RMS 0.3452
size [# of strips]

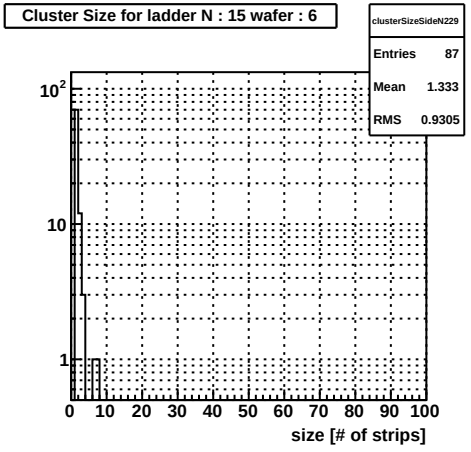

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 1071
Mean 1.165
RMS 0.5147
size [# of strips]

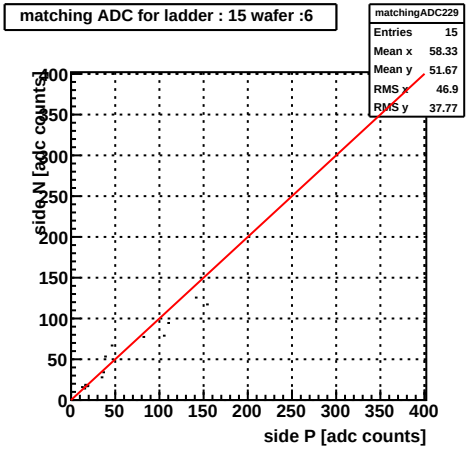

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 11
Mean x 42.45
Mean y 44.45
RMS x 30.09
RMS y 51.25
side N [adc counts]
side P [adc counts]

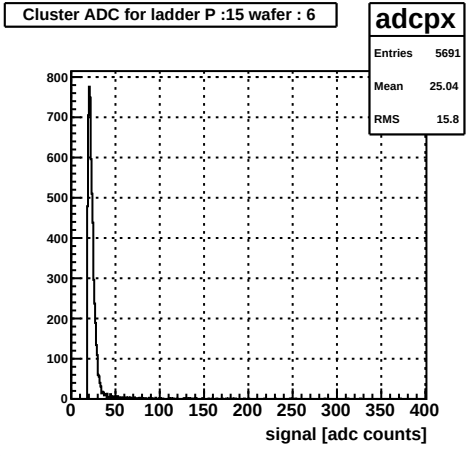

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1274
Mean 34.37
RMS 14.6
signal [adc counts]

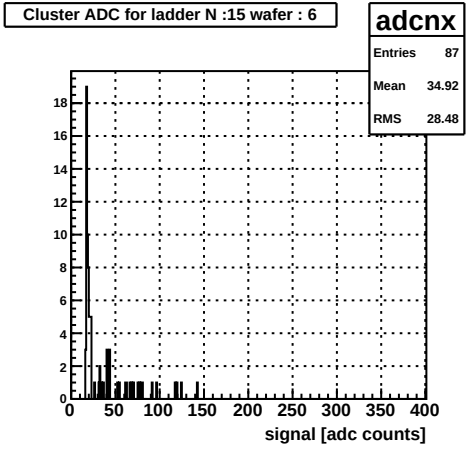

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 1071
Mean 39.53
RMS 42.65
signal [adc counts]

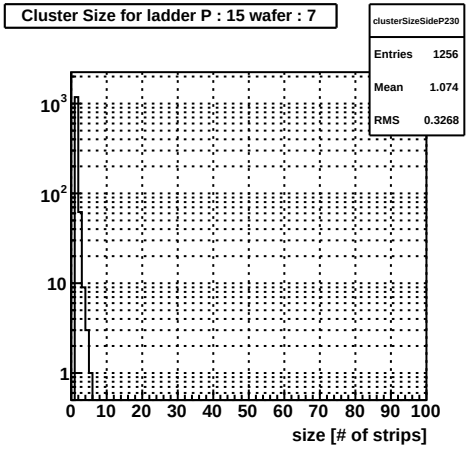

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 5691
Mean 1.022
RMS 0.1673
size [# of strips]

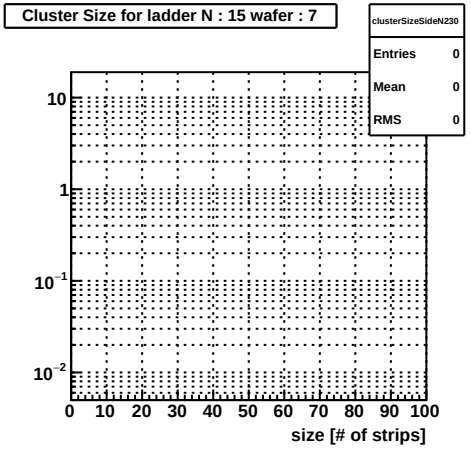

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 87
Mean 1.333
RMS 0.9305
size [# of strips]

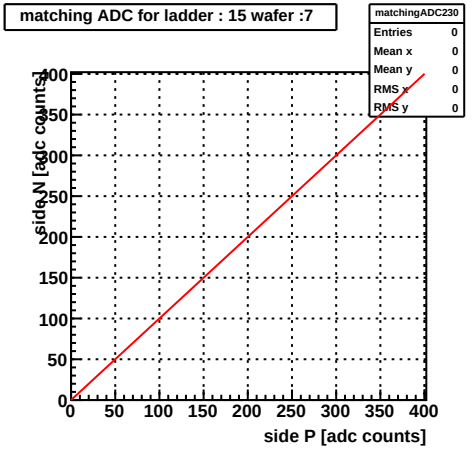

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 15
Mean x 58.33
Mean y 51.67
RMS x 46.9
RMS y 37.77
side N [adc counts]
side P [adc counts]

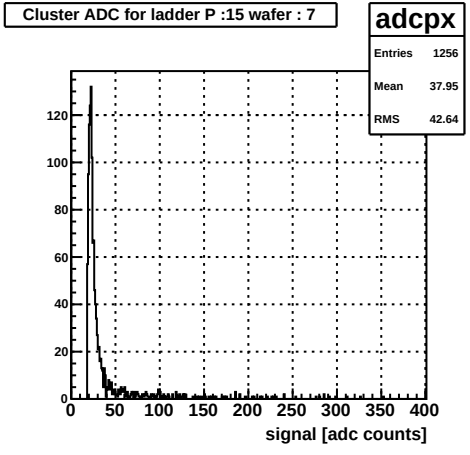

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 5691
Mean 25.04
RMS 15.8
signal [adc counts]

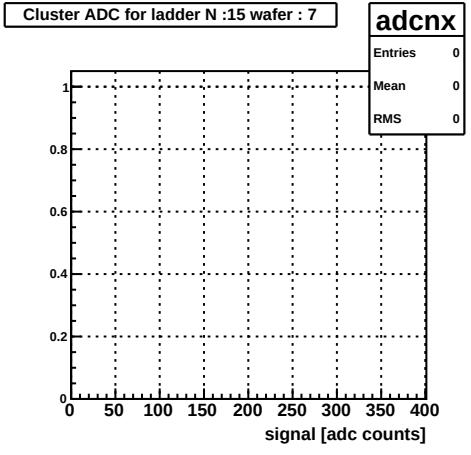

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 87
Mean 34.92
RMS 28.48
signal [adc counts]

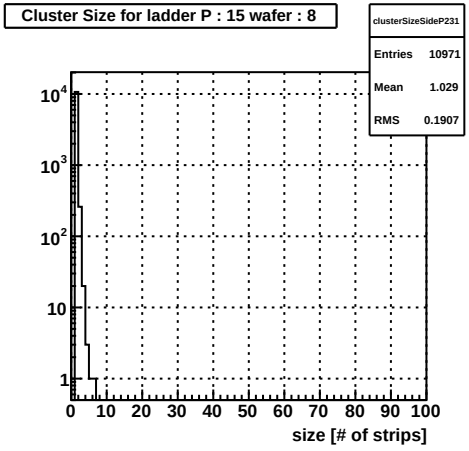

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 1256
Mean 1.074
RMS 0.3268
size [# of strips]

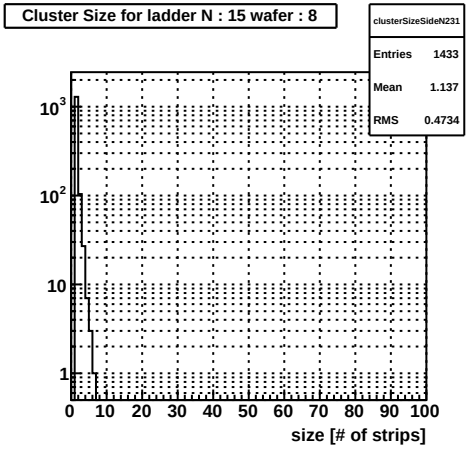

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

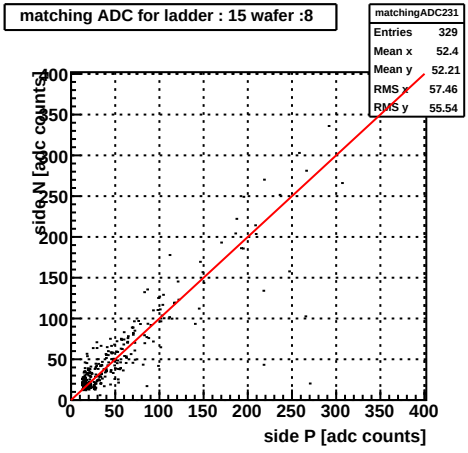

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

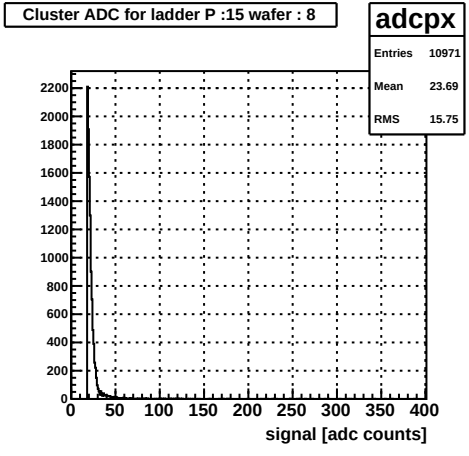

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 1256
Mean 37.95
RMS 42.64
signal [adc counts]

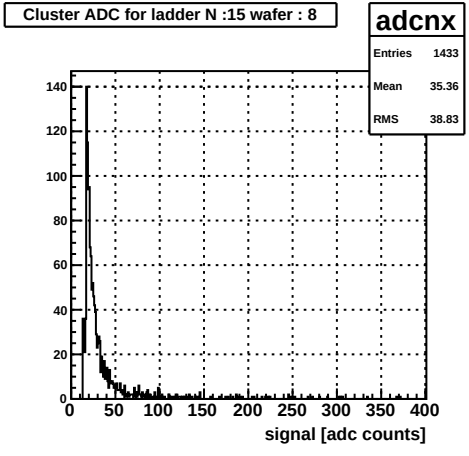

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

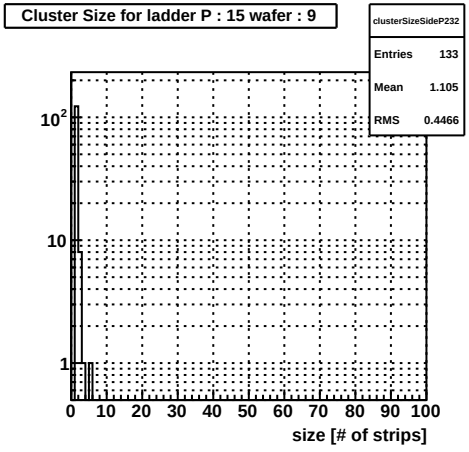

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 10971
Mean 1.029
RMS 0.1907
size [# of strips]

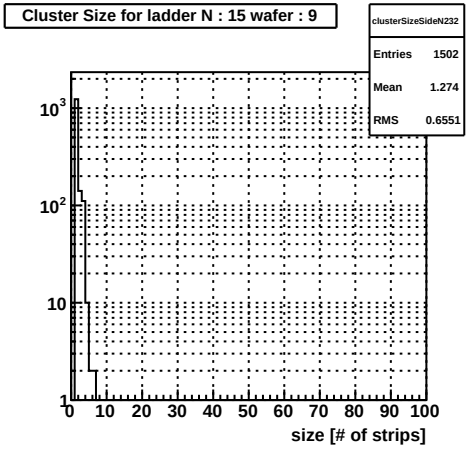

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 1433
Mean 1.137
RMS 0.4734
size [# of strips]

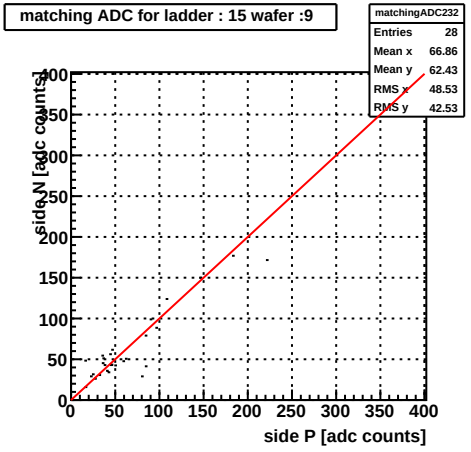

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 329
Mean x 52.4
Mean y 52.21
RMS x 57.46
RMS y 55.54
side N [adc counts]
side P [adc counts]

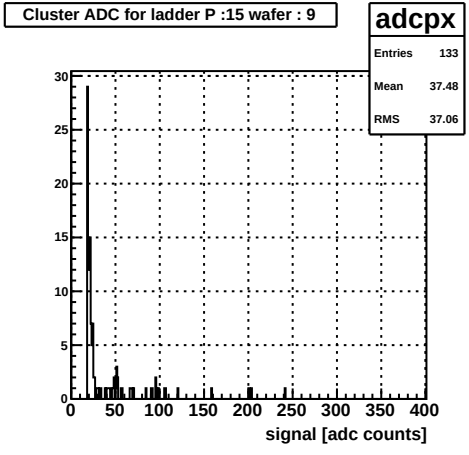

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 10971
Mean 23.69
RMS 15.75
signal [adc counts]

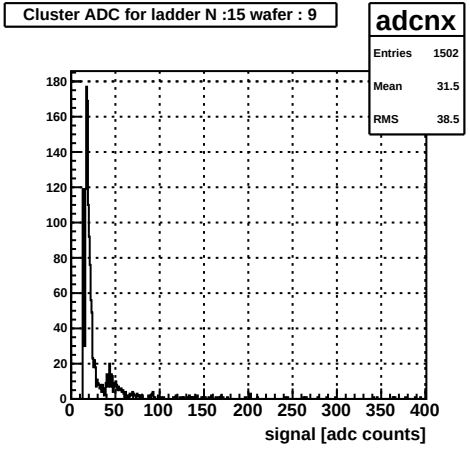

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 1433
Mean 35.36
RMS 38.83
signal [adc counts]

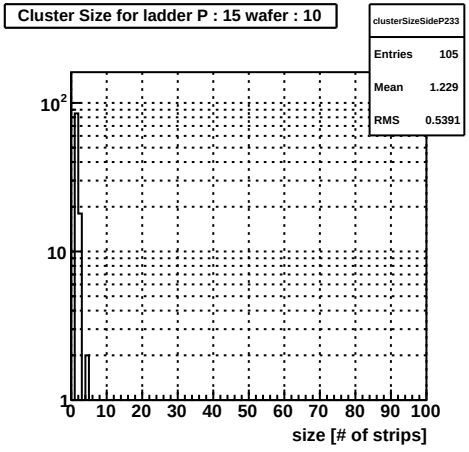

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 133
Mean 1.105
RMS 0.4466
size [# of strips]

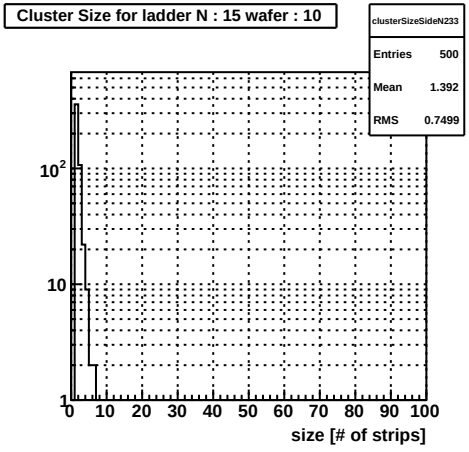

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 1502
Mean 1.274
RMS 0.6551
size [# of strips]

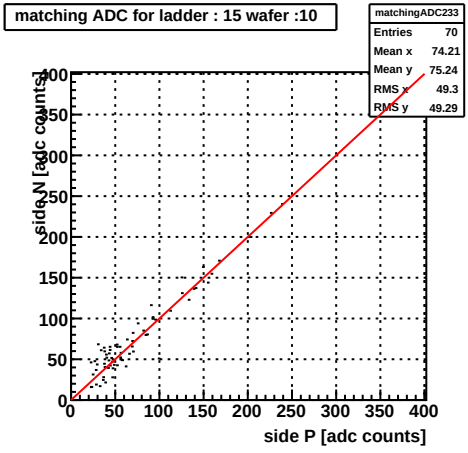

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 28
Mean x 66.86
Mean y 62.43
RMS x 48.53
RMS y 42.53
side N [adc counts]
side P [adc counts]

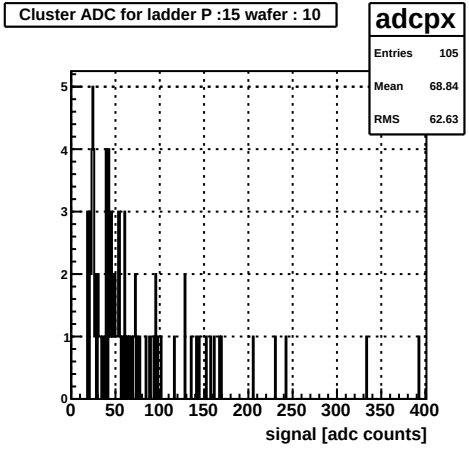

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 133
Mean 37.48
RMS 37.06
signal [adc counts]

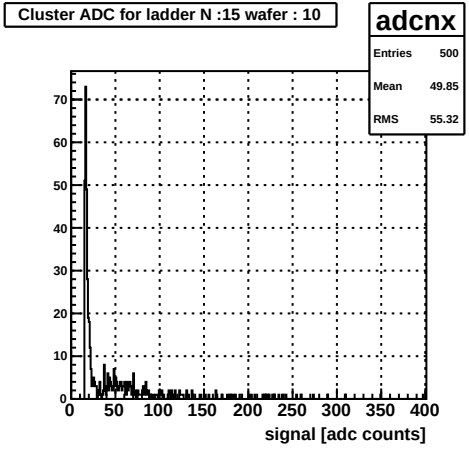

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 1502
Mean 31.5
RMS 38.5
signal [adc counts]

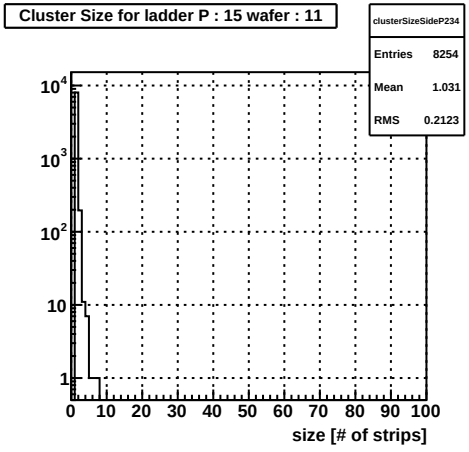

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 105
Mean 1.229
RMS 0.5391
size [# of strips]

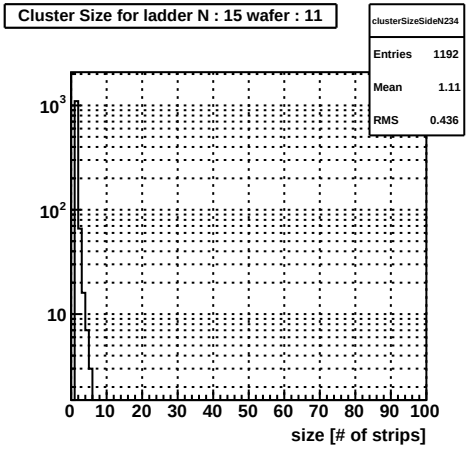

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 500
Mean 1.392
RMS 0.7499
size [# of strips]

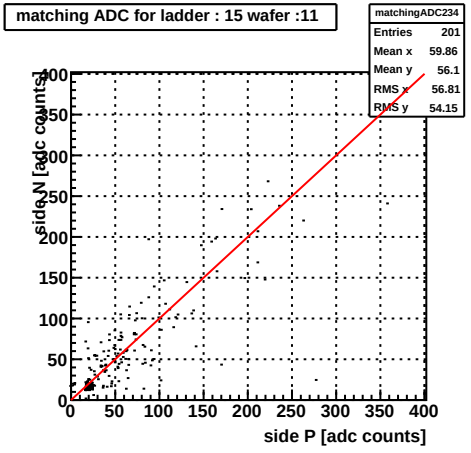

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 70
Mean x 74.21
Mean y 75.24
RMS x 49.3
RMS y 49.29
side N [adc counts]
side P [adc counts]

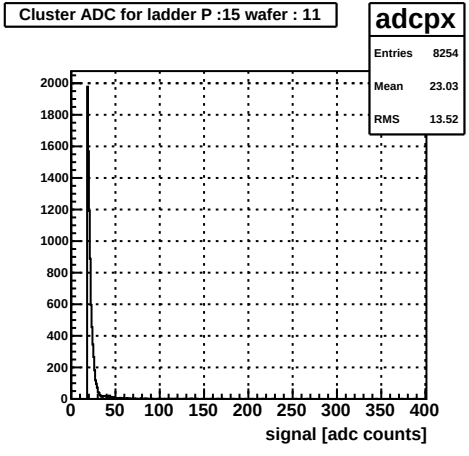

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 105
Mean 68.84
RMS 62.63
signal [adc counts]

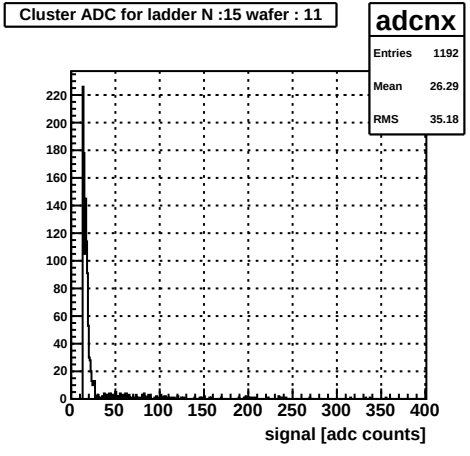

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 500
Mean 49.85
RMS 55.32
signal [adc counts]

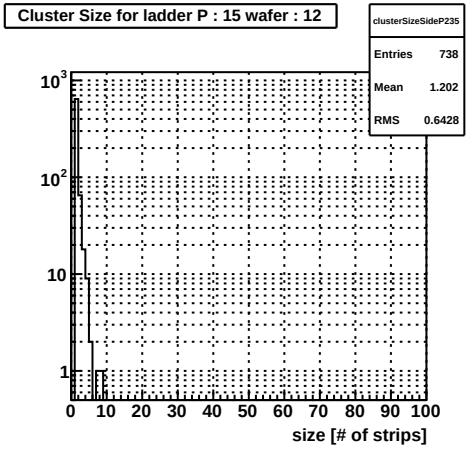

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 8254
Mean 1.031
RMS 0.2123
size [# of strips]

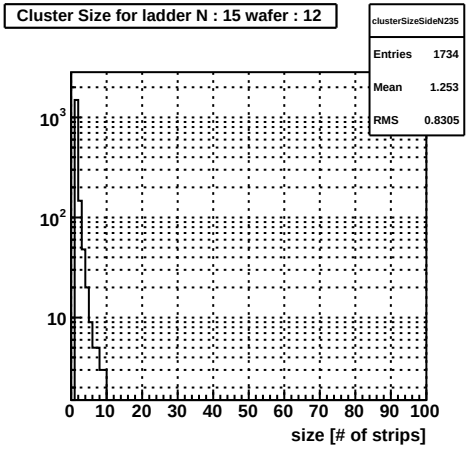

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 1192
Mean 1.11
RMS 0.436
size [# of strips]

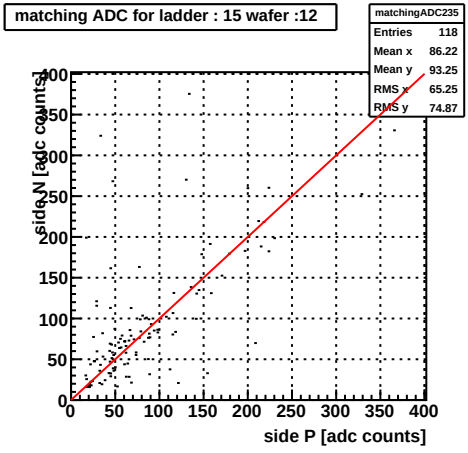

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 201
Mean x 59.86
Mean y 56.1
RMS x 56.81
RMS y 54.15
side N [adc counts]
side P [adc counts]

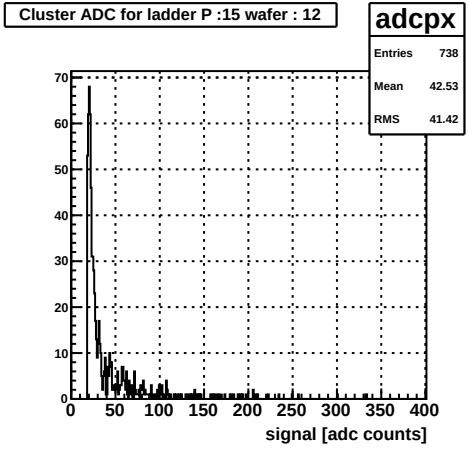

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 8254
Mean 23.03
RMS 13.52
signal [adc counts]

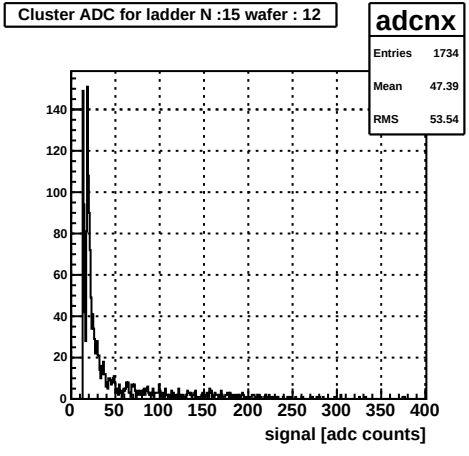

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 1192
Mean 26.29
RMS 35.18
signal [adc counts]

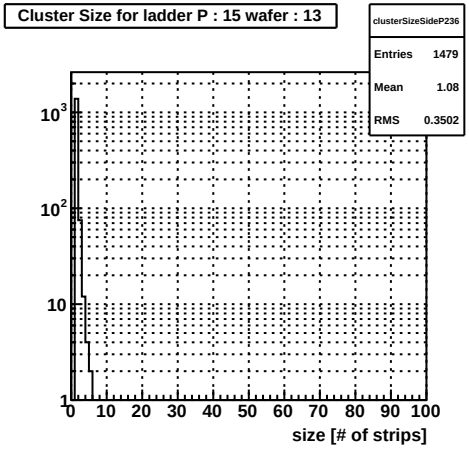

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 738
Mean 1.202
RMS 0.6428
size [# of strips]

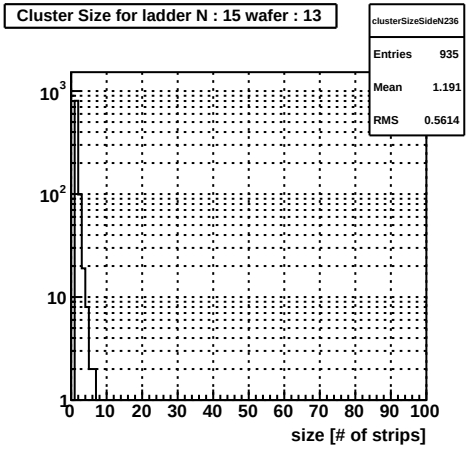

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 1734
Mean 1.253
RMS 0.8305
size [# of strips]

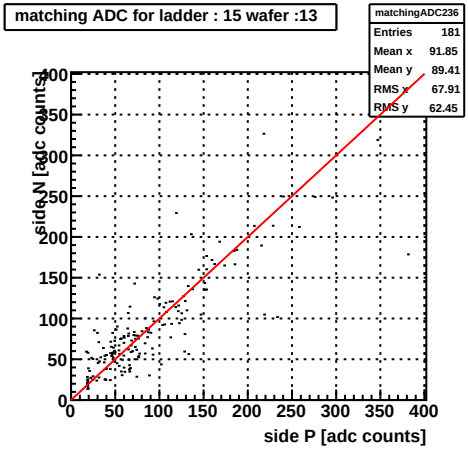

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 118
Mean x 86.22
Mean y 93.25
RMS x 65.25
RMS y 74.87
side N [adc counts]
side P [adc counts]

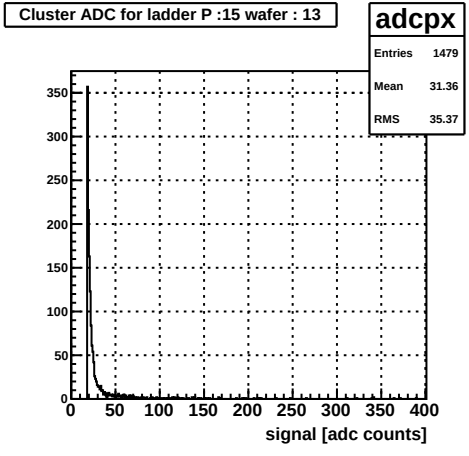

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 738
Mean 42.53
RMS 41.42
signal [adc counts]

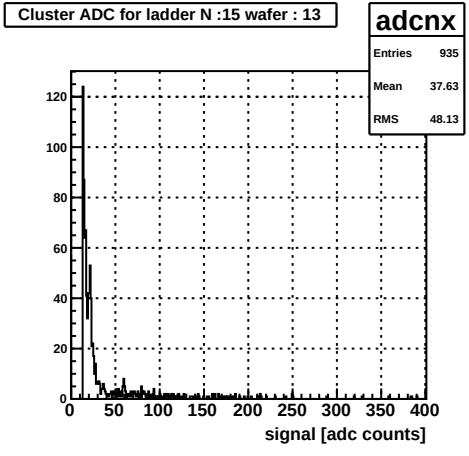

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 1734
Mean 47.39
RMS 53.54
signal [adc counts]

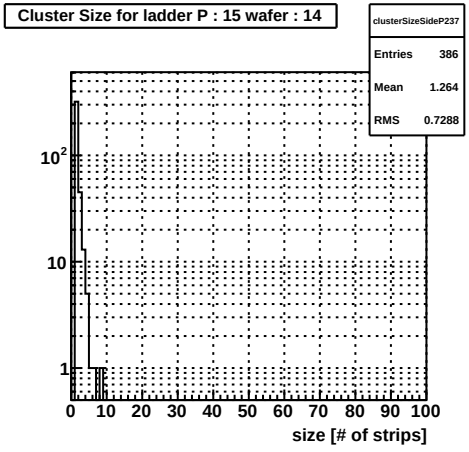

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 1479
Mean 1.08
RMS 0.3502
size [# of strips]

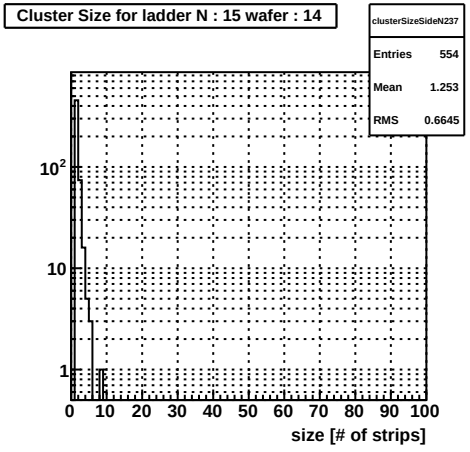

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 935
Mean 1.191
RMS 0.5614
size [# of strips]

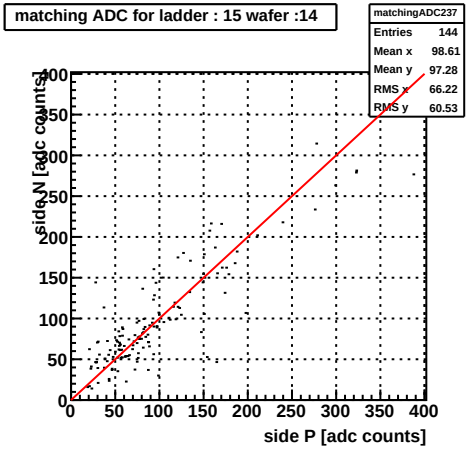

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 181
Mean x 91.85
Mean y 89.41
RMS x 67.91
RMS y 62.45
side N [adc counts]
side P [adc counts]

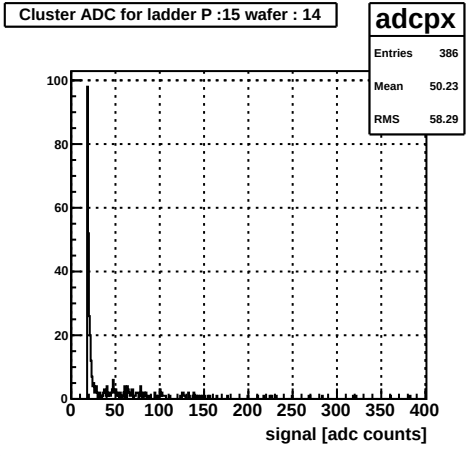

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 1479
Mean 31.36
RMS 35.37
signal [adc counts]

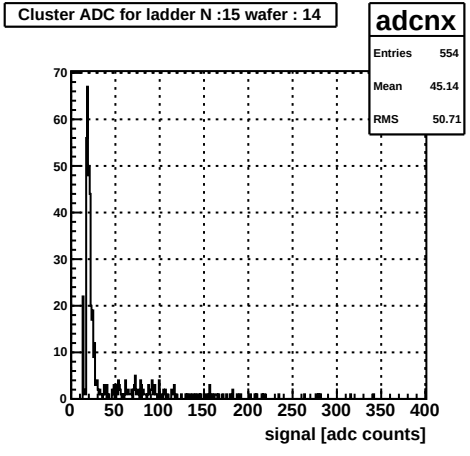

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 935
Mean 37.63
RMS 48.13
signal [adc counts]

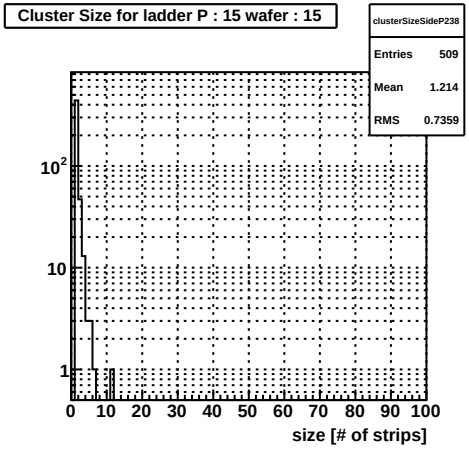

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 386
Mean 1.264
RMS 0.7288
size [# of strips]

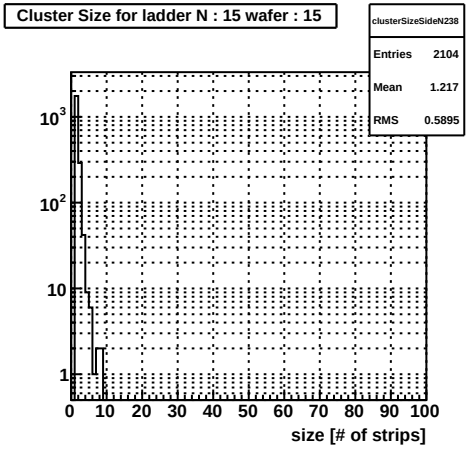

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 554
Mean 1.253
RMS 0.6645
size [# of strips]

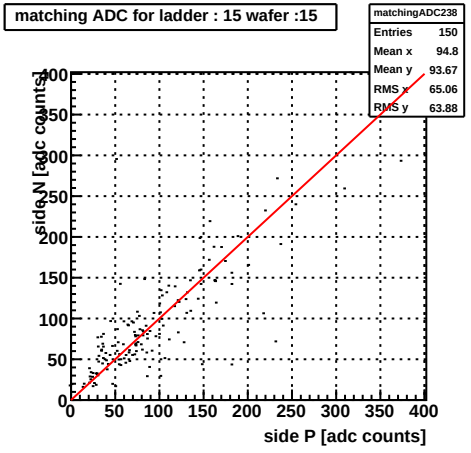

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 144
Mean x 98.61
Mean y 97.28
RMS x 66.22
RMS y 60.53
side N [adc counts]
side P [adc counts]

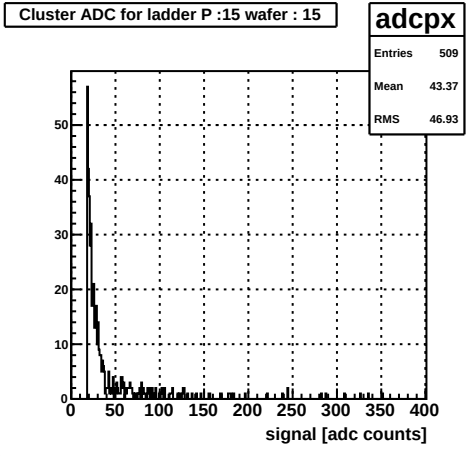

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 386
Mean 50.23
RMS 58.29
signal [adc counts]

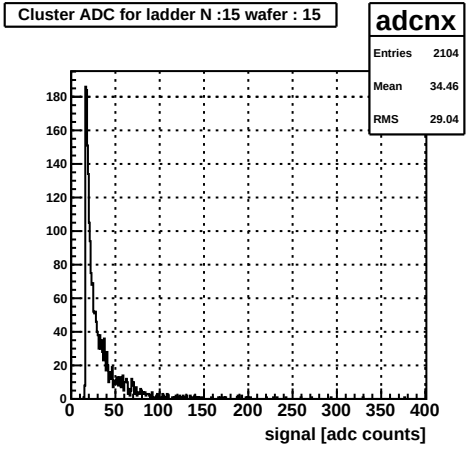

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 554
Mean 45.14
RMS 50.71
signal [adc counts]

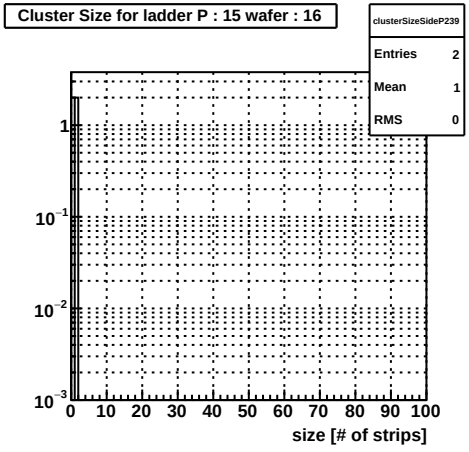

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 509
Mean 1.214
RMS 0.7359
size [# of strips]

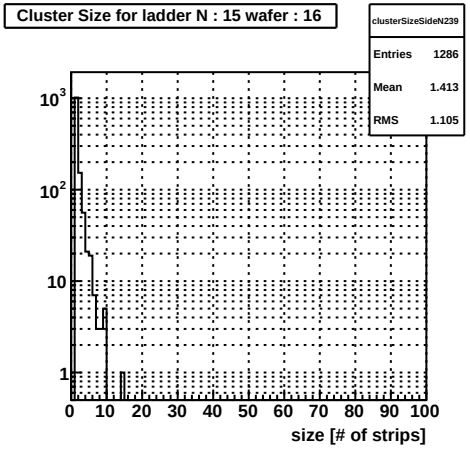

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 2104
Mean 1.217
RMS 0.5895
size [# of strips]

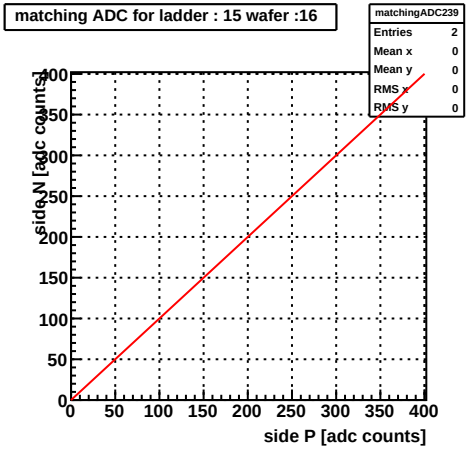

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 150
Mean x 94.8
Mean y 93.67
RMS x 65.06
RMS y 63.88
side N [adc counts]
side P [adc counts]

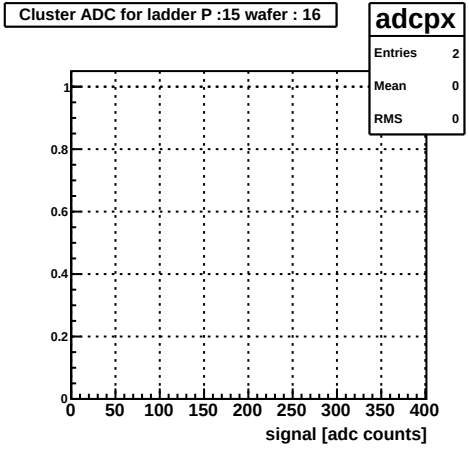

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 509
Mean 43.37
RMS 46.93
signal [adc counts]

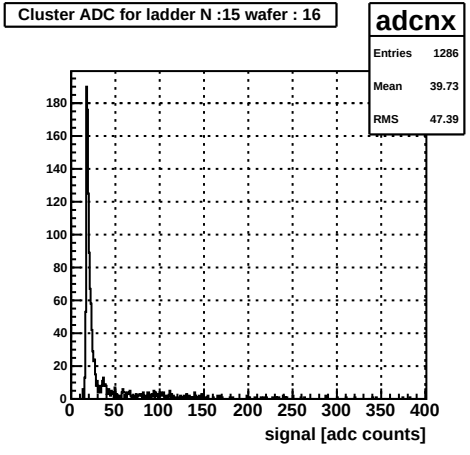

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 2104
Mean 34.46
RMS 29.04
signal [adc counts]

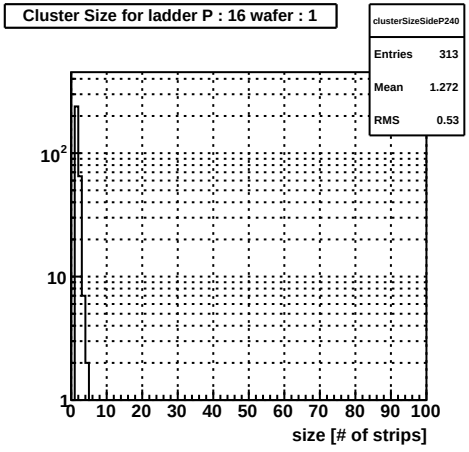

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 2
Mean 1
RMS 0
size [# of strips]

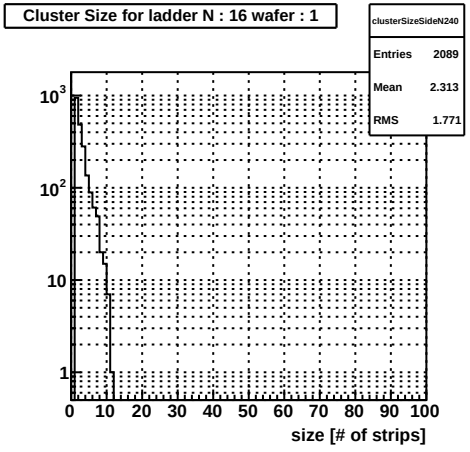

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 1286
Mean 1.413
RMS 1.105
size [# of strips]

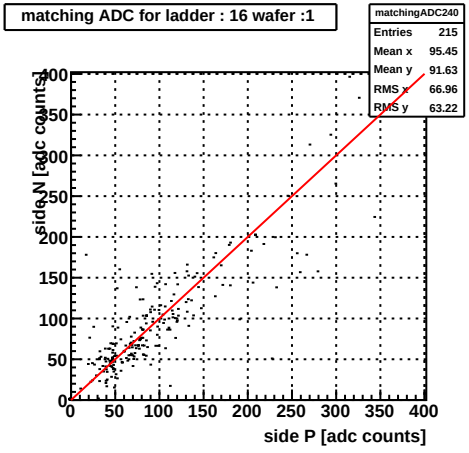

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

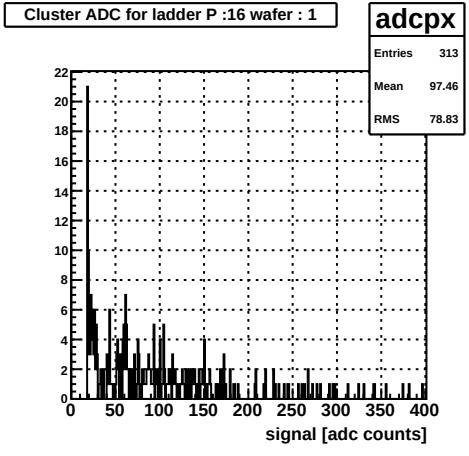

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

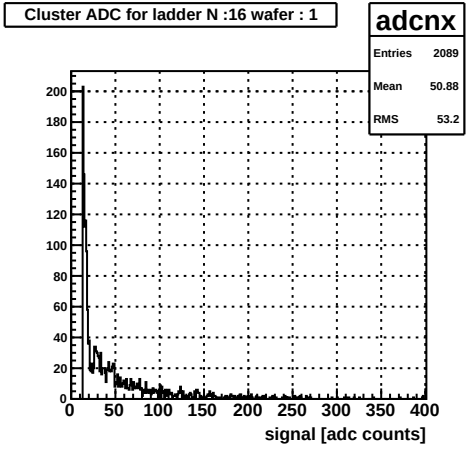

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 1286
Mean 39.73
RMS 47.39
signal [adc counts]

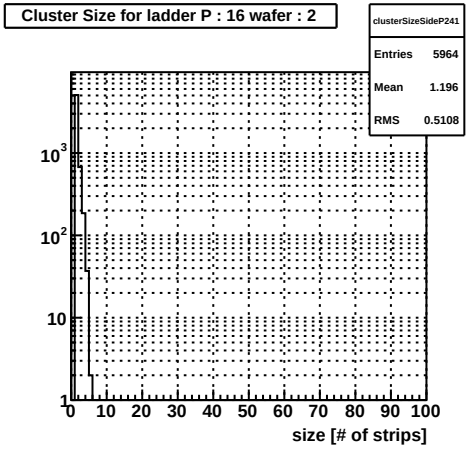

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 313
Mean 1.272
RMS 0.53
size [# of strips]

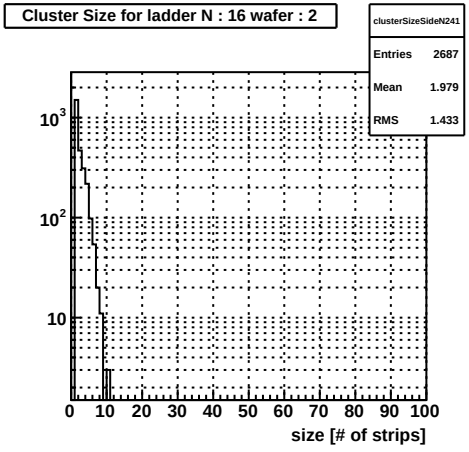

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 2089
Mean 2.313
RMS 1.771
size [# of strips]

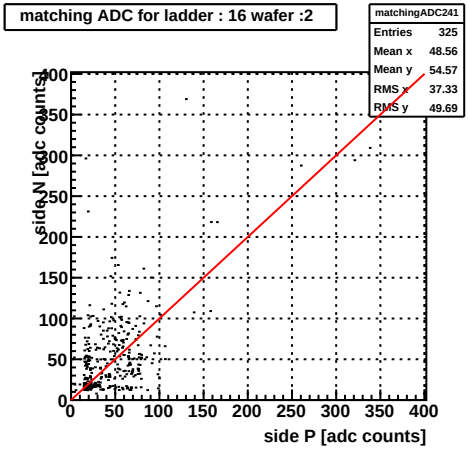

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 215
Mean x 95.45
Mean y 91.63
RMS x 66.96
RMS y 63.22
side N [adc counts]
side P [adc counts]

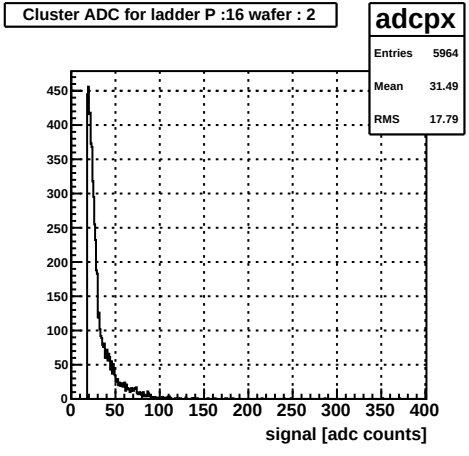

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 313
Mean 97.46
RMS 78.83
signal [adc counts]

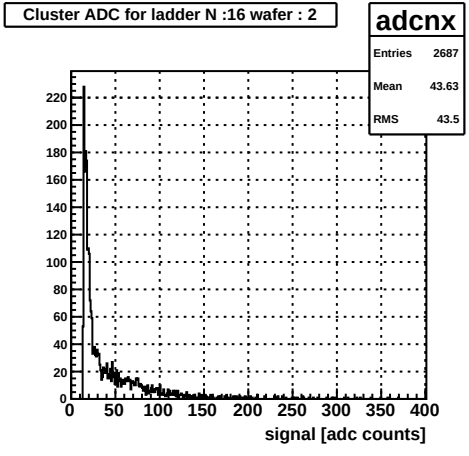

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 2089
Mean 50.88
RMS 53.2
signal [adc counts]

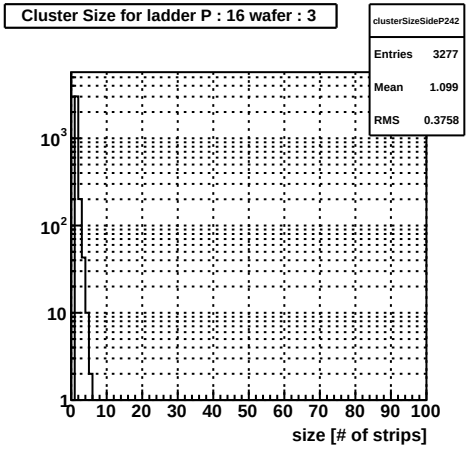

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 5964
Mean 1.196
RMS 0.5108
size [# of strips]

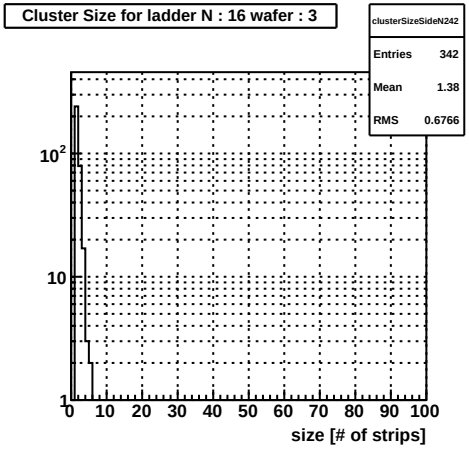

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 2687
Mean 1.979
RMS 1.433
size [# of strips]

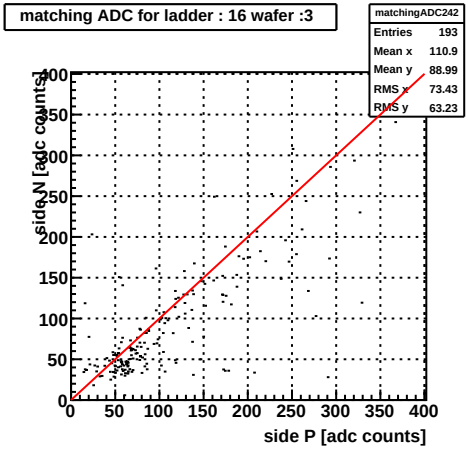

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 325
Mean x 48.56
Mean y 54.57
RMS x 37.33
RMS y 49.69
side N [adc counts]
side P [adc counts]

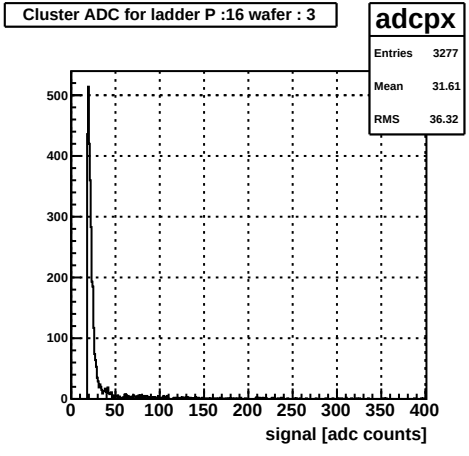

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 5964
Mean 31.49
RMS 17.79
signal [adc counts]

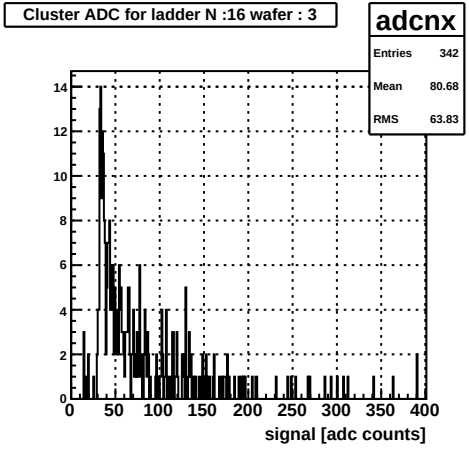

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 2687
Mean 43.63
RMS 43.5
signal [adc counts]

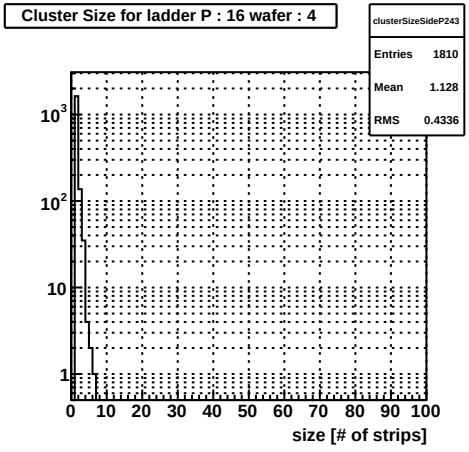

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 3277
Mean 1.099
RMS 0.3758
size [# of strips]

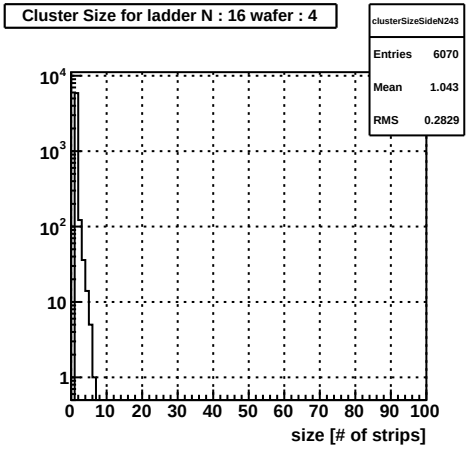

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 342
Mean 1.38
RMS 0.6766
size [# of strips]

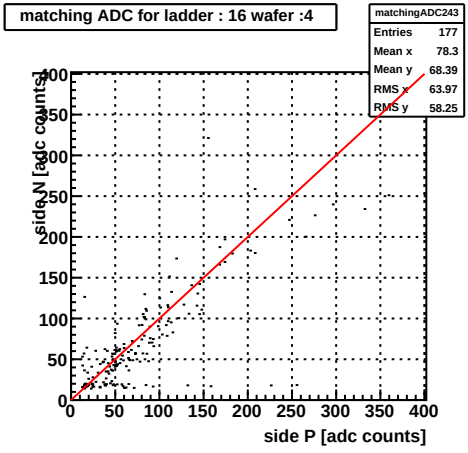

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 193
Mean x 110.9
Mean y 88.99
RMS x 73.43
RMS y 63.23
side N [adc counts]
side P [adc counts]

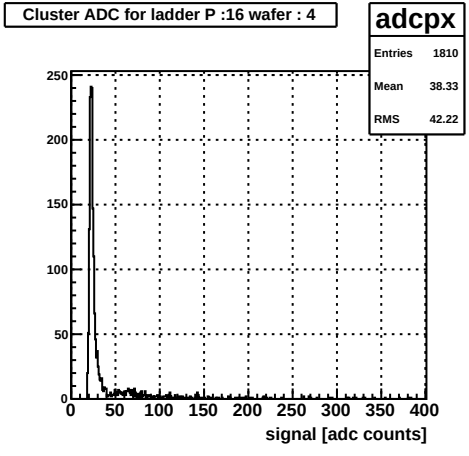

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 3277
Mean 31.61
RMS 36.32
signal [adc counts]

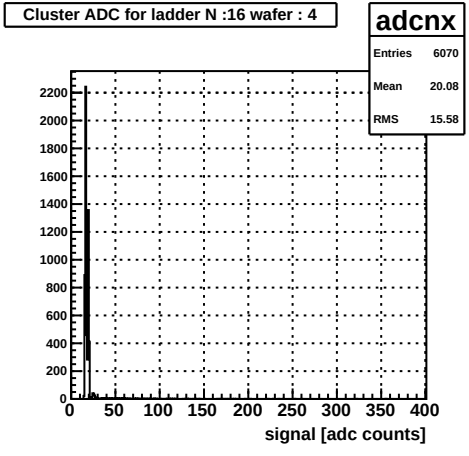

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 342
Mean 80.68
RMS 63.83
signal [adc counts]

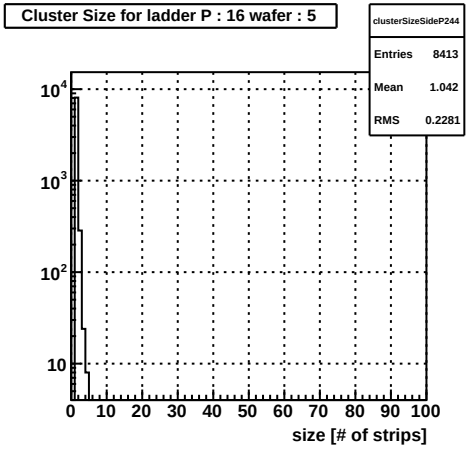

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 1810
Mean 1.128
RMS 0.4336
size [# of strips]

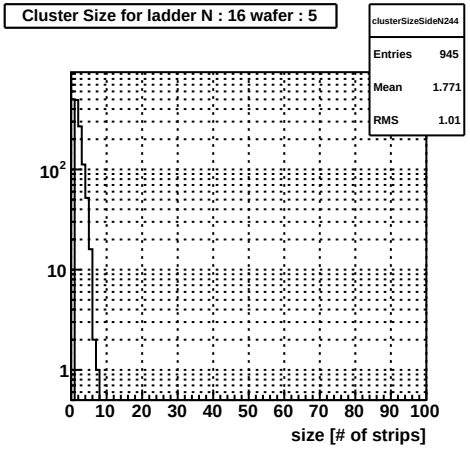

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 6070
Mean 1.043
RMS 0.2829
size [# of strips]

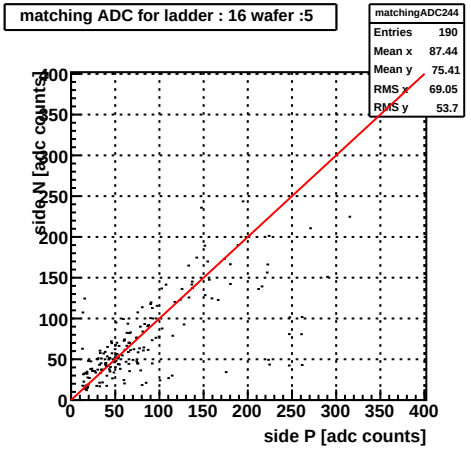

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 177
Mean x 78.3
Mean y 68.39
RMS x 63.97
RMS y 58.25
side N [adc counts]
side P [adc counts]

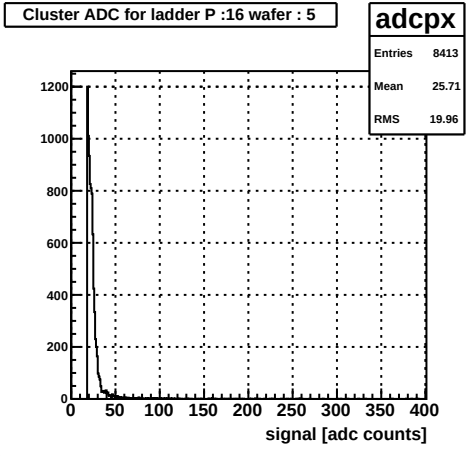

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 1810
Mean 38.33
RMS 42.22
signal [adc counts]

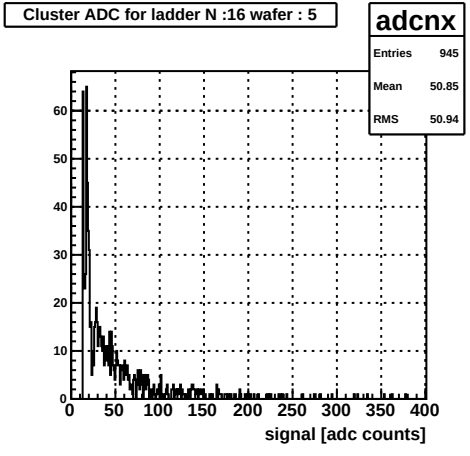

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 6070
Mean 20.08
RMS 15.58
signal [adc counts]

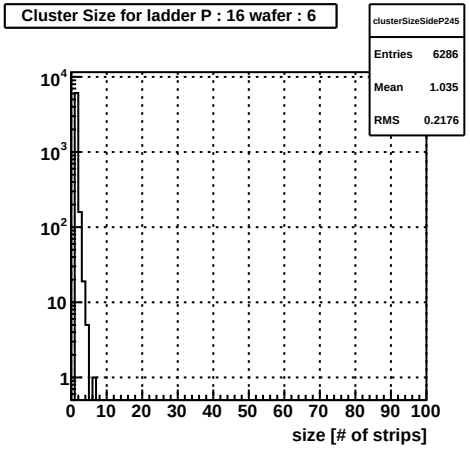

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 8413
Mean 1.042
RMS 0.2281
size [# of strips]

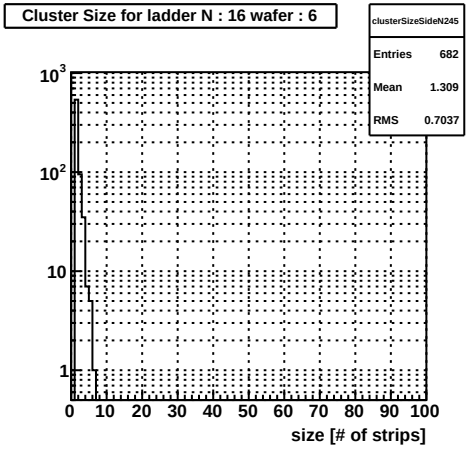

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 945
Mean 1.771
RMS 1.01
size [# of strips]

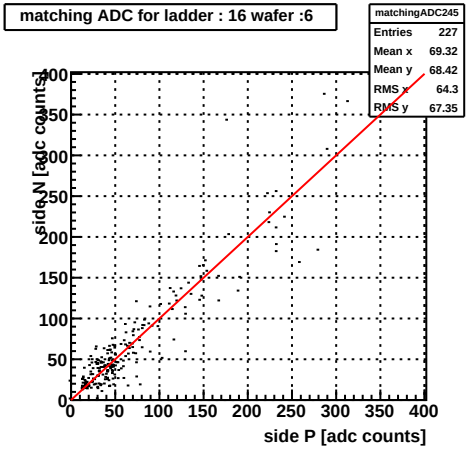

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 190
Mean x 87.44
Mean y 75.41
RMS x 69.05
RMS y 53.7
side N [adc counts]
side P [adc counts]

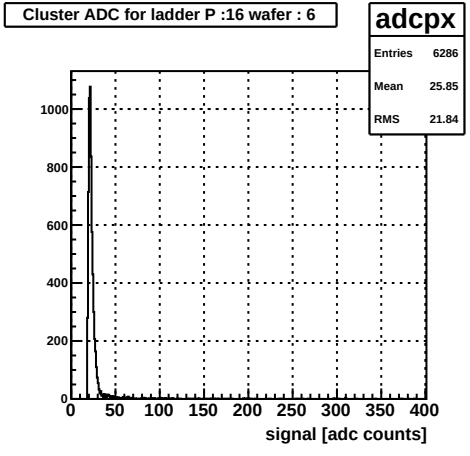

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 8413
Mean 25.71
RMS 19.96
signal [adc counts]

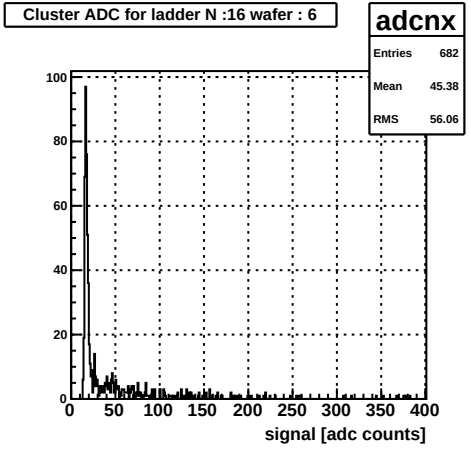

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 945
Mean 50.85
RMS 50.94
signal [adc counts]

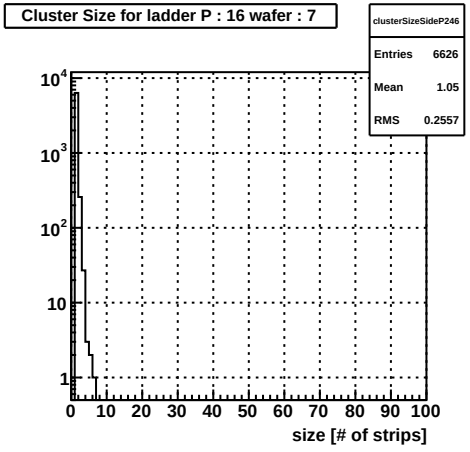

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 6286
Mean 1.035
RMS 0.2176
size [# of strips]

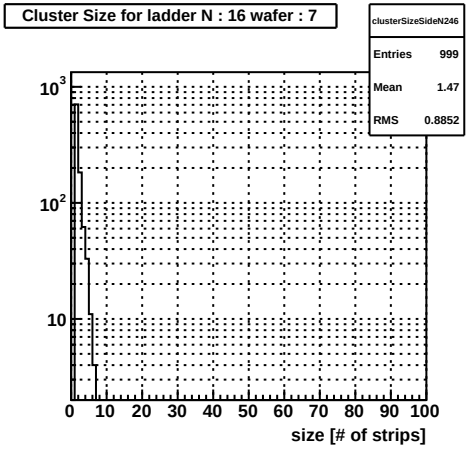

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 682
Mean 1.309
RMS 0.7037
size [# of strips]

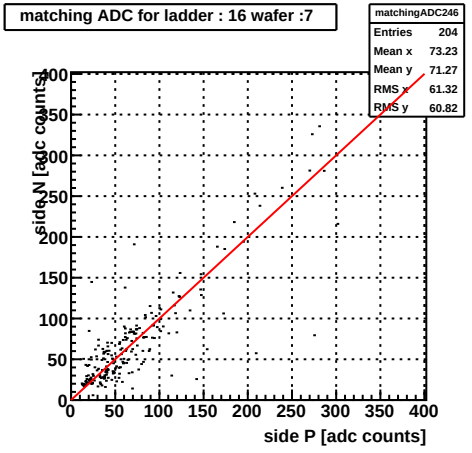

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 227
Mean x 69.32
Mean y 68.42
RMS x 64.3
RMS y 67.35
side N [adc counts]
side P [adc counts]

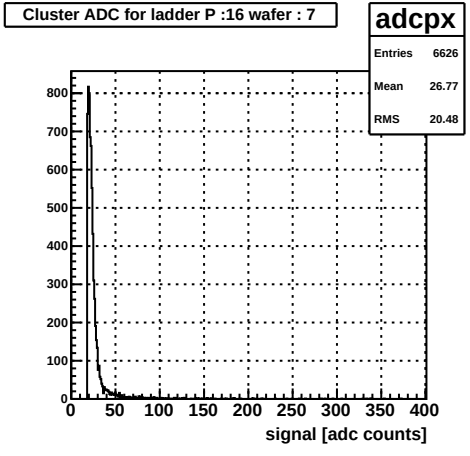

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 6286
Mean 25.85
RMS 21.84
signal [adc counts]

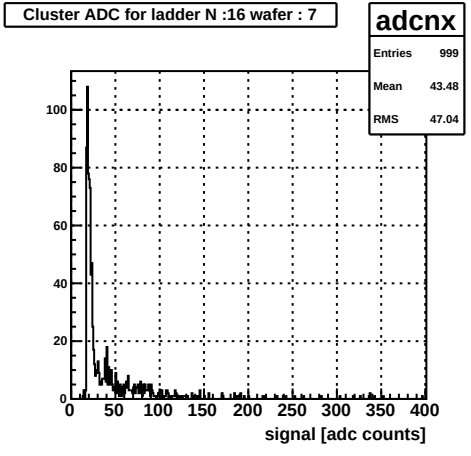

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 682
Mean 45.38
RMS 56.06
signal [adc counts]

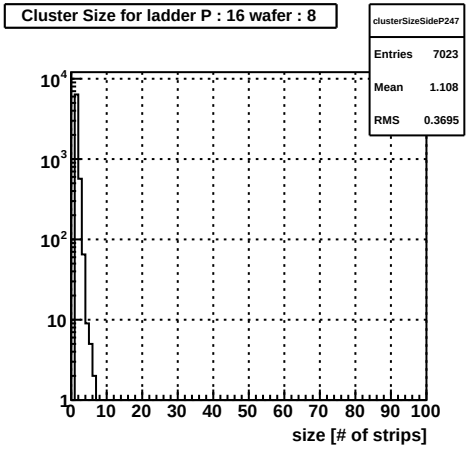

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 6626
Mean 1.05
RMS 0.2557
size [# of strips]

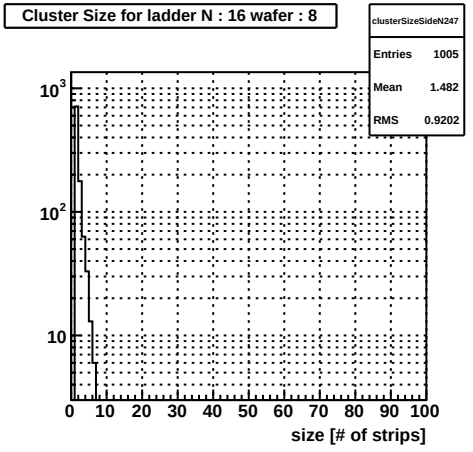

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 999
Mean 1.47
RMS 0.8852
size [# of strips]

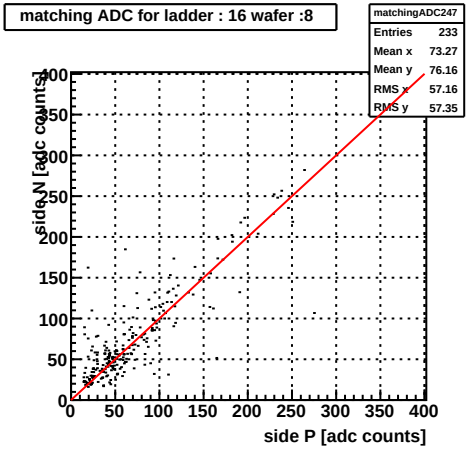

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 204
Mean x 73.23
Mean y 71.27
RMS x 61.32
RMS y 60.82
side N [adc counts]
side P [adc counts]

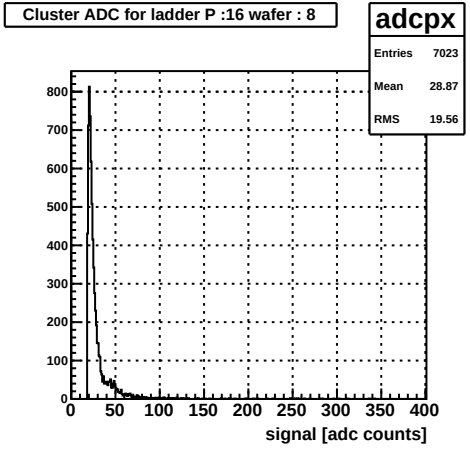

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 6626
Mean 26.77
RMS 20.48
signal [adc counts]

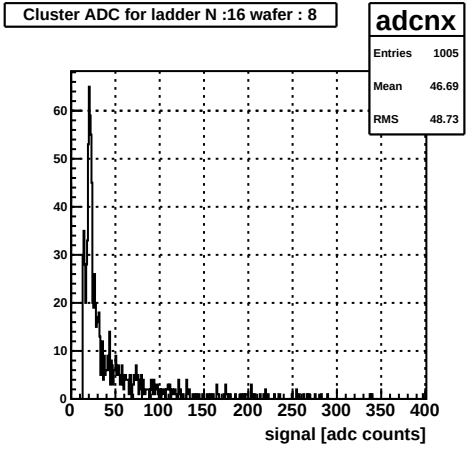

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 999
Mean 43.48
RMS 47.04
signal [adc counts]

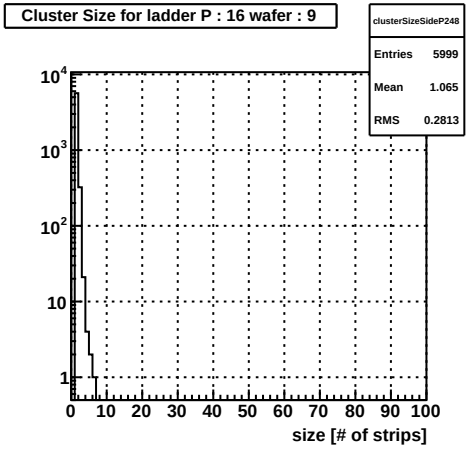

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 7023
Mean 1.108
RMS 0.3695
size [# of strips]

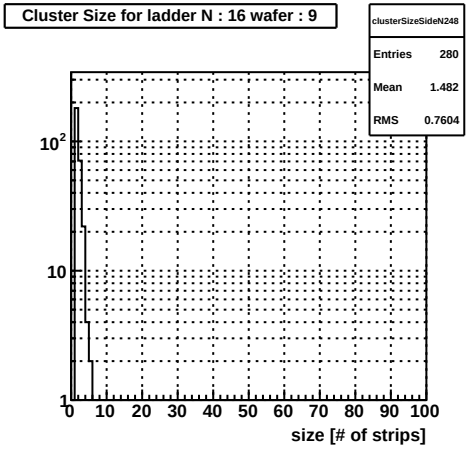

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 1005
Mean 1.482
RMS 0.9202
size [# of strips]

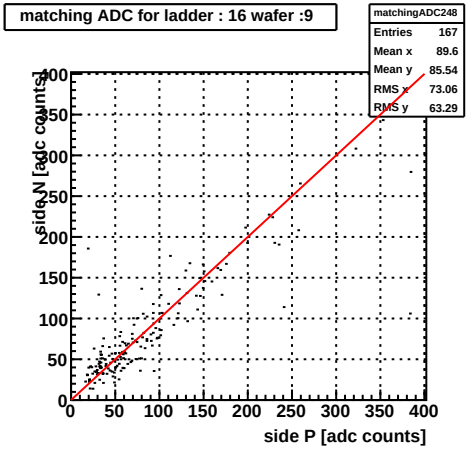

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 233
Mean x 73.27
Mean y 76.16
RMS x 57.16
RMS y 57.35
side N [adc counts]
side P [adc counts]

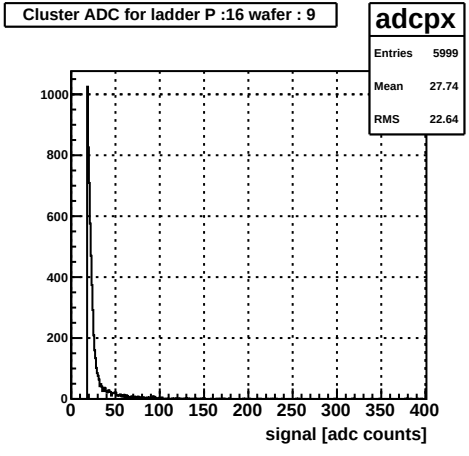

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 7023
Mean 28.87
RMS 19.56
signal [adc counts]

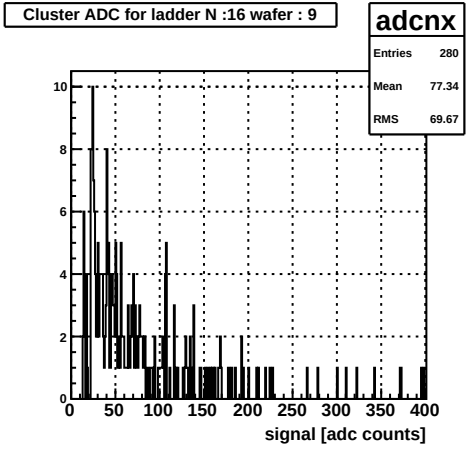

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 1005
Mean 46.69
RMS 48.73
signal [adc counts]

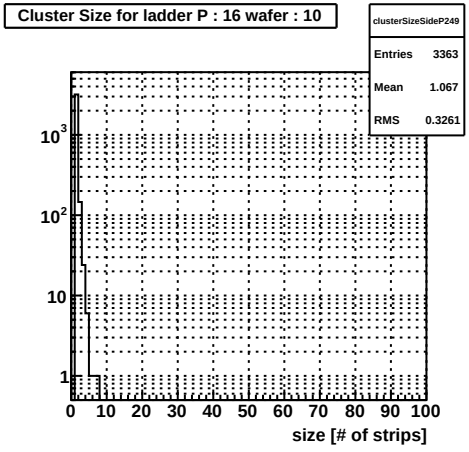

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 5999
Mean 1.065
RMS 0.2813
size [# of strips]

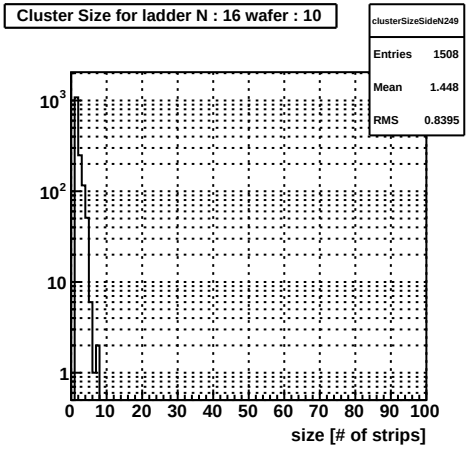

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 280
Mean 1.482
RMS 0.7604
size [# of strips]

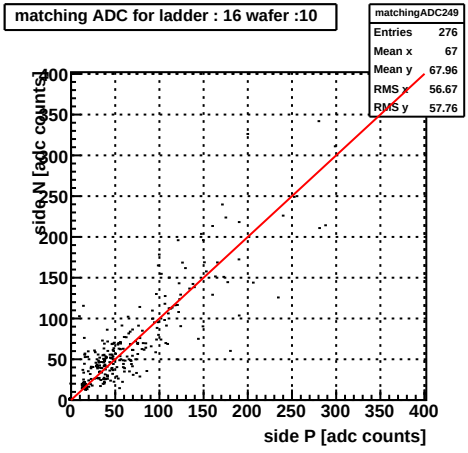

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 167
Mean x 89.6
Mean y 85.54
RMS x 73.06
RMS y 63.29
side N [adc counts]
side P [adc counts]

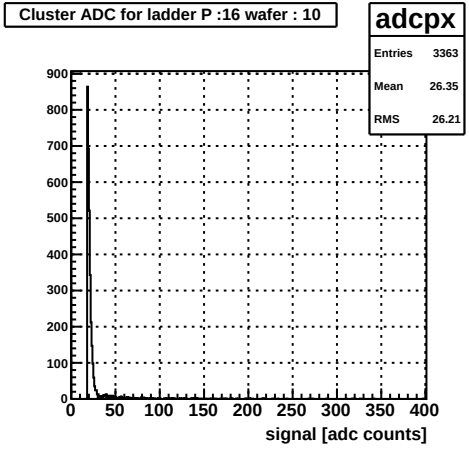

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 5999
Mean 27.74
RMS 22.64
signal [adc counts]

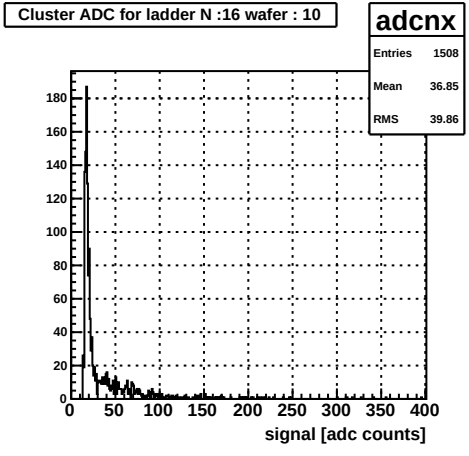

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 280
Mean 77.34
RMS 69.67
signal [adc counts]

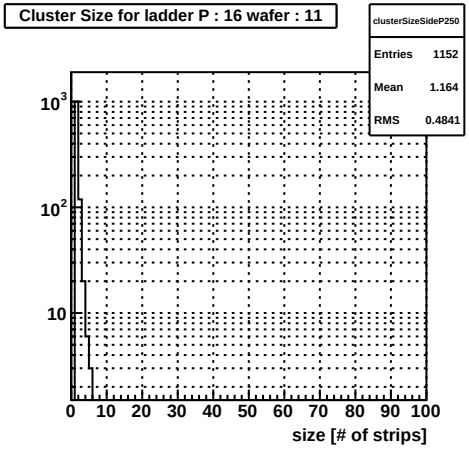

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 3363
Mean 1.067
RMS 0.3261
size [# of strips]

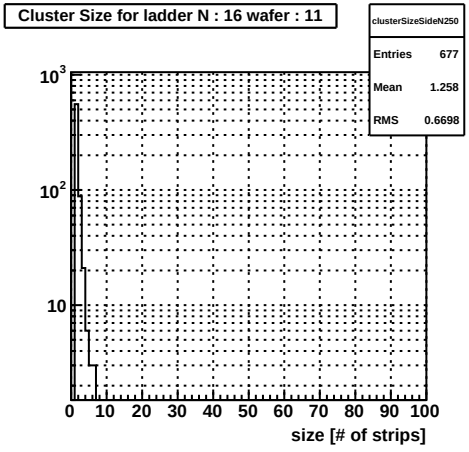

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 1508
Mean 1.448
RMS 0.8395
size [# of strips]

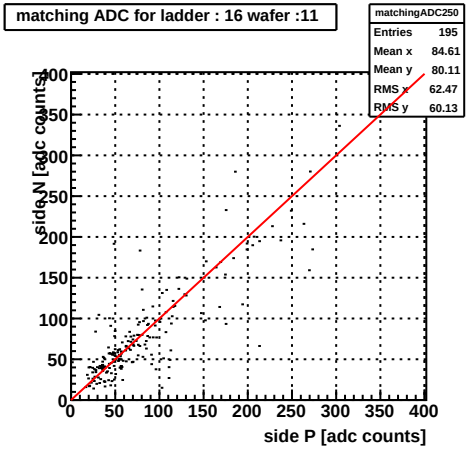

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 276
Mean x 67
Mean y 67.96
RMS x 56.67
RMS y 57.76
side N [adc counts]
side P [adc counts]

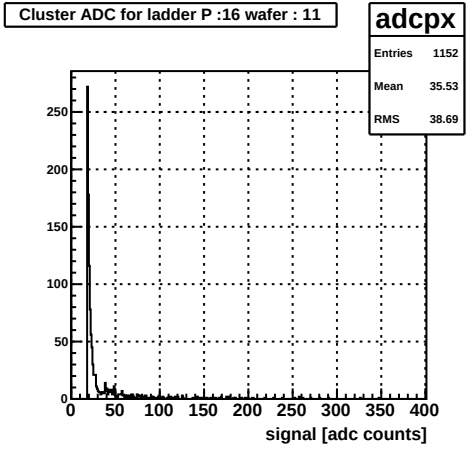

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 3363
Mean 26.35
RMS 26.21
signal [adc counts]

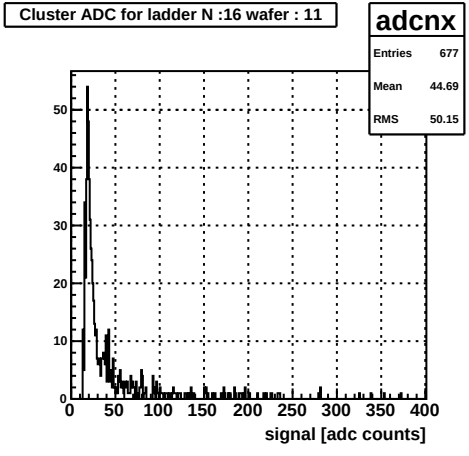

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 1508
Mean 36.85
RMS 39.86
signal [adc counts]

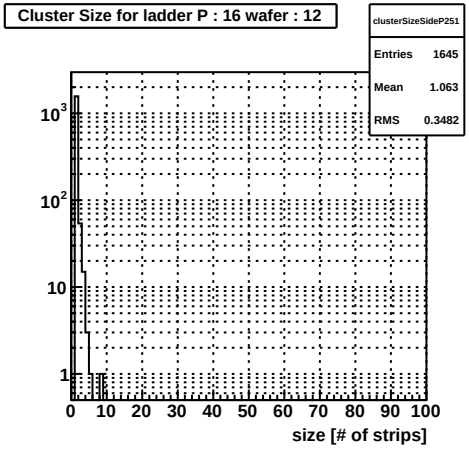

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 1152
Mean 1.164
RMS 0.4841
size [# of strips]

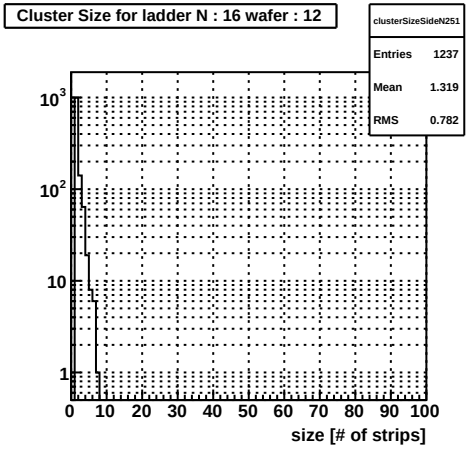

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 677
Mean 1.258
RMS 0.6698
size [# of strips]

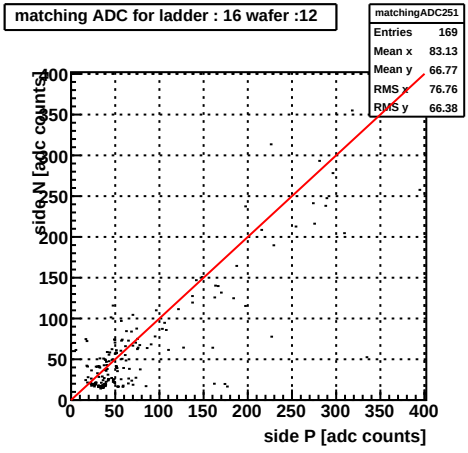

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 195
Mean x 84.61
Mean y 80.11
RMS x 62.47
RMS y 60.13
side N [adc counts]
side P [adc counts]

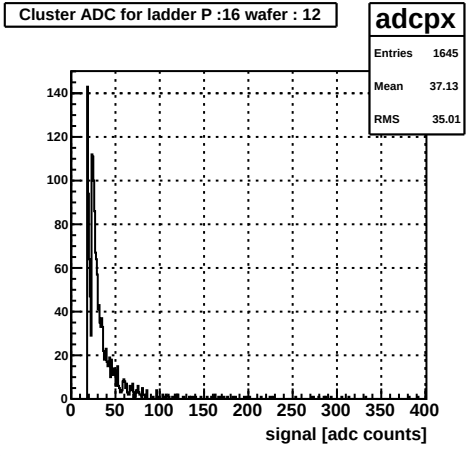

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 1152
Mean 35.53
RMS 38.69
signal [adc counts]

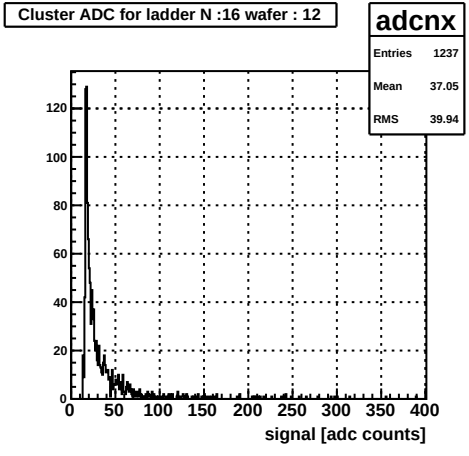

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 677
Mean 44.69
RMS 50.15
signal [adc counts]

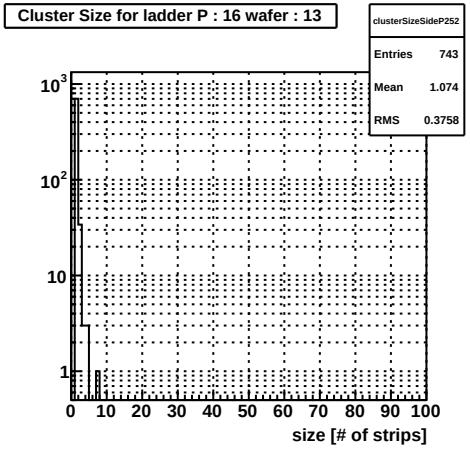

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 1645
Mean 1.063
RMS 0.3482
size [# of strips]

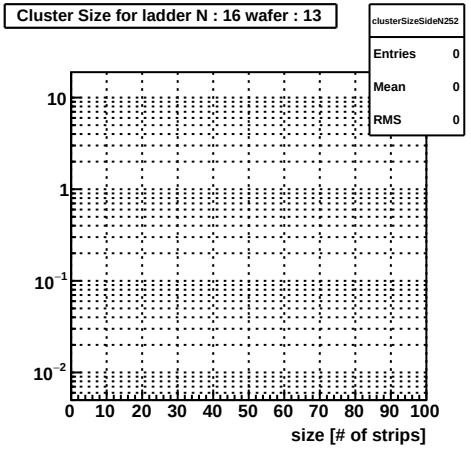

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 1237
Mean 1.319
RMS 0.782
size [# of strips]

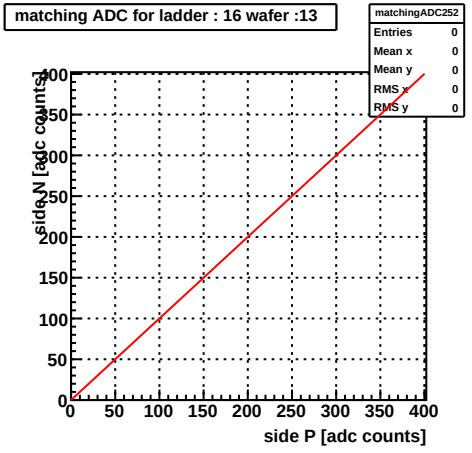

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 169
Mean x 83.13
Mean y 66.77
RMS x 76.76
RMS y 66.38
side N [adc counts]
side P [adc counts]

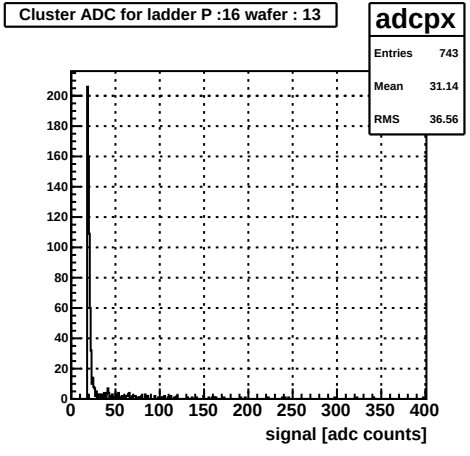

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 1645
Mean 37.13
RMS 35.01
signal [adc counts]

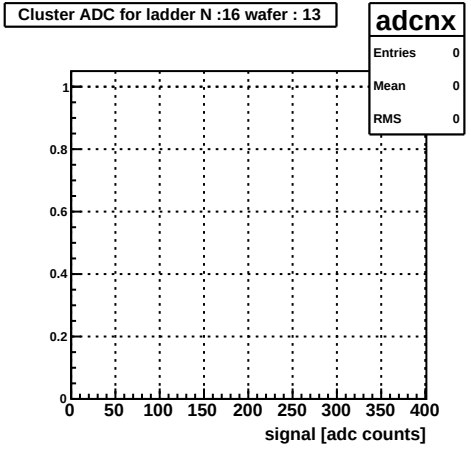

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 1237
Mean 37.05
RMS 39.94
signal [adc counts]

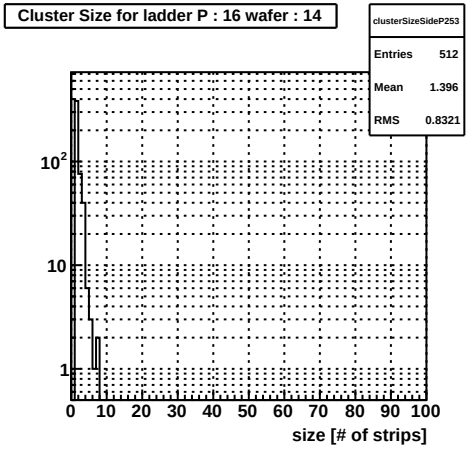

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 743
Mean 1.074
RMS 0.3758
size [# of strips]

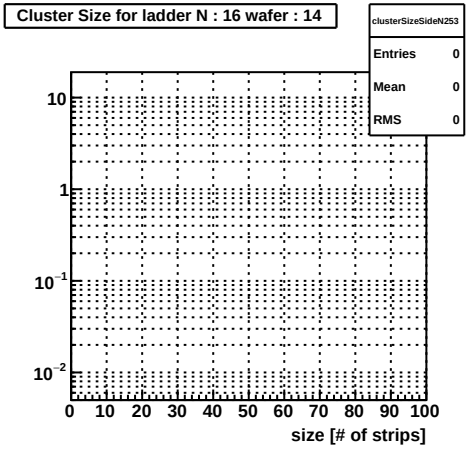

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

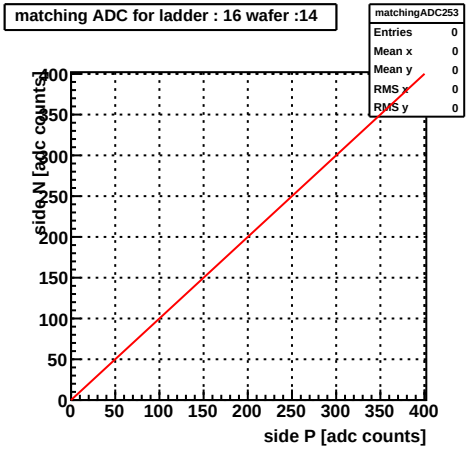

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

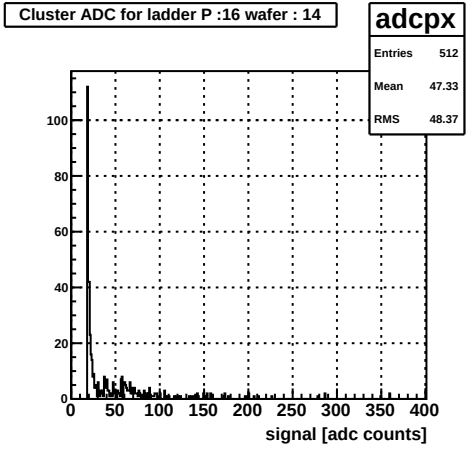

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 743
Mean 31.14
RMS 36.56
signal [adc counts]

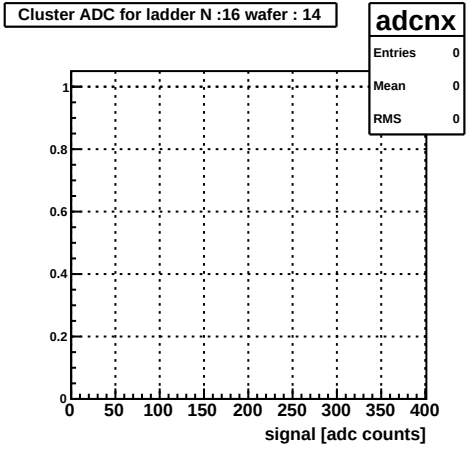

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

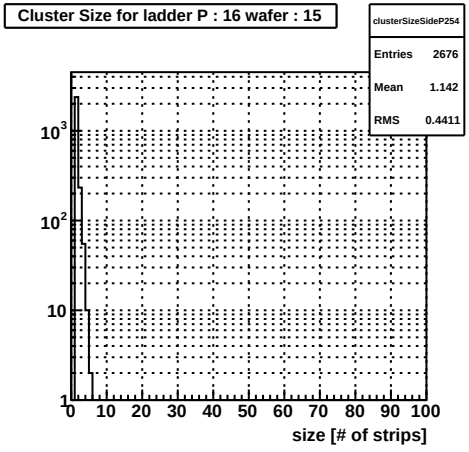

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 512
Mean 1.396
RMS 0.8321
size [# of strips]

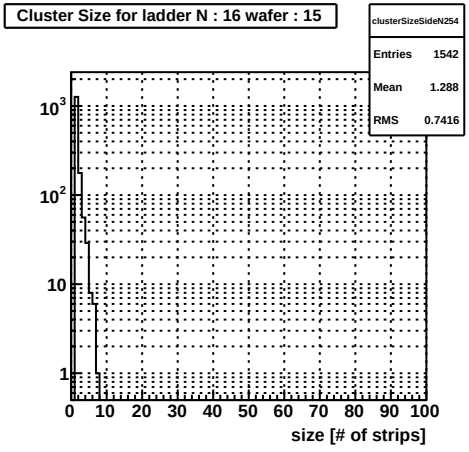

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

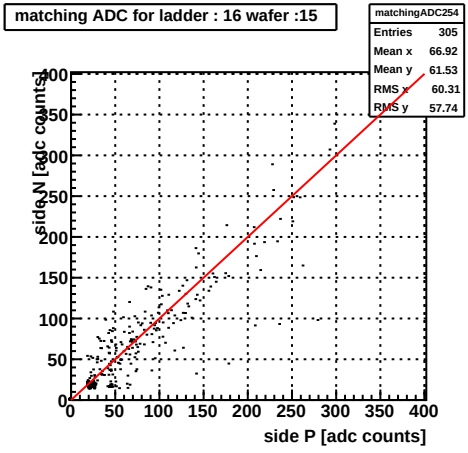

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

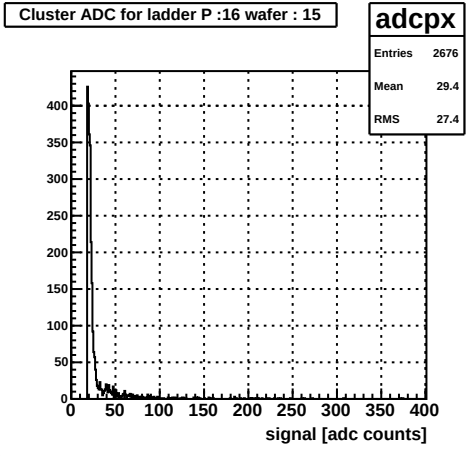

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 512
Mean 47.33
RMS 48.37
signal [adc counts]

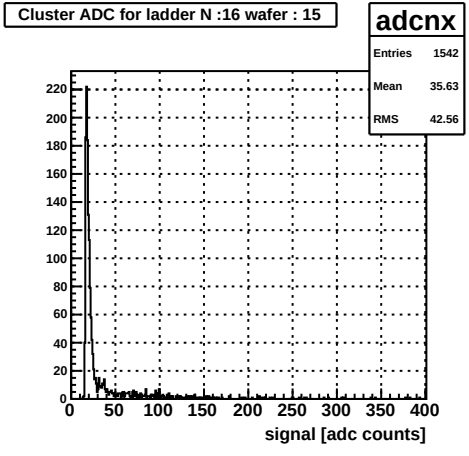

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

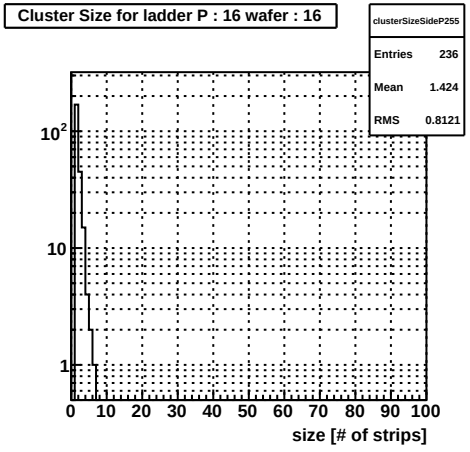

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 2676
Mean 1.142
RMS 0.4411
size [# of strips]

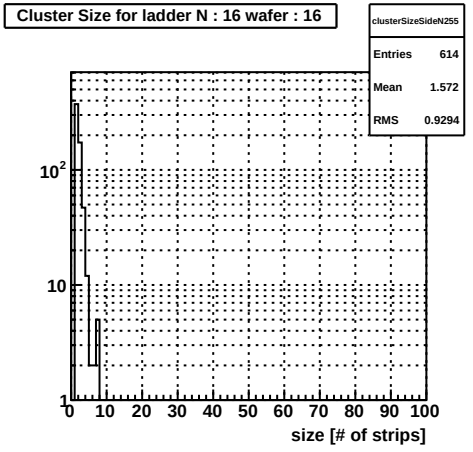

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 1542
Mean 1.288
RMS 0.7416
size [# of strips]

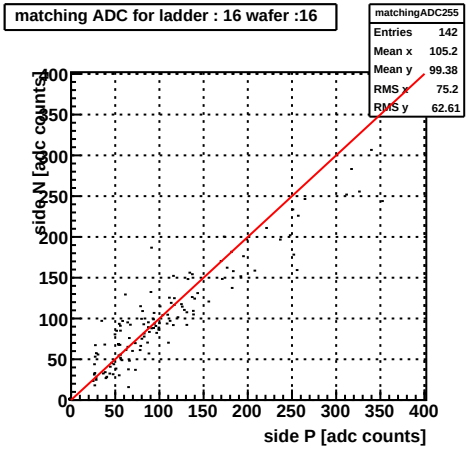

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 305
Mean x 66.92
Mean y 61.53
RMS x 60.31
RMS y 57.74
side N [adc counts]
side P [adc counts]

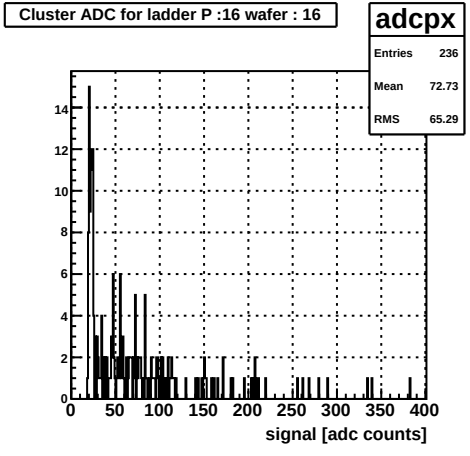

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 2676
Mean 29.4
RMS 27.4
signal [adc counts]

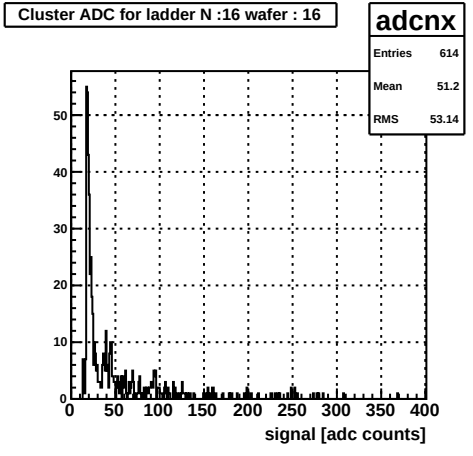

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 1542
Mean 35.63
RMS 42.56
signal [adc counts]

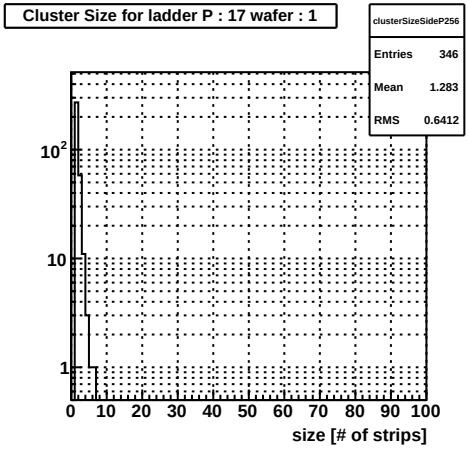

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 236
Mean 1.424
RMS 0.8121
size [# of strips]

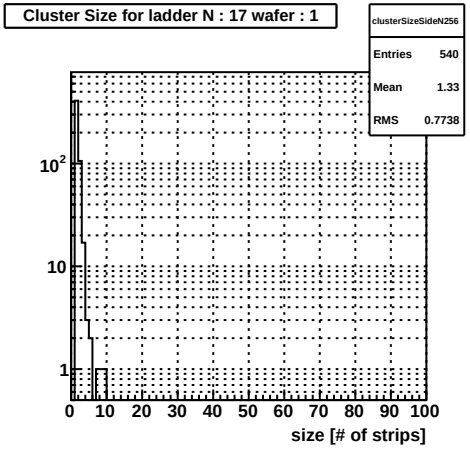

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 614
Mean 1.572
RMS 0.9294
size [# of strips]

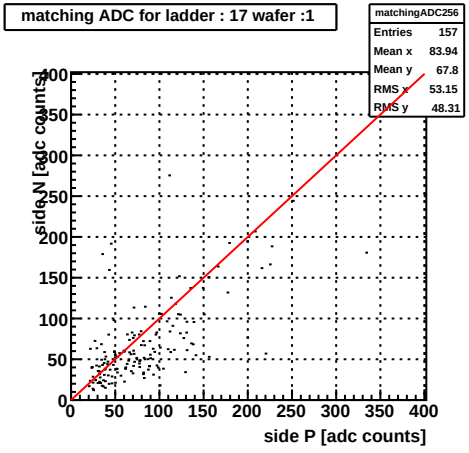

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 142
Mean x 105.2
Mean y 99.38
RMS x 75.2
RMS y 62.61
side N [adc counts]
side P [adc counts]

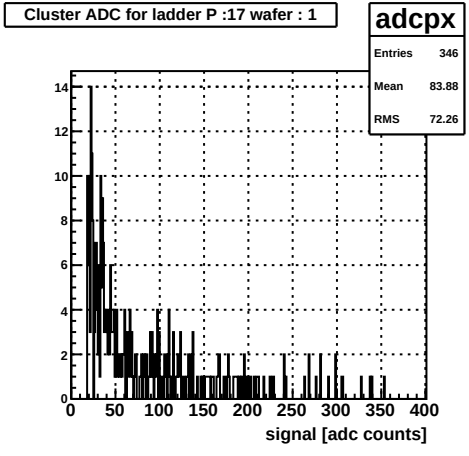

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 236
Mean 72.73
RMS 65.29
signal [adc counts]

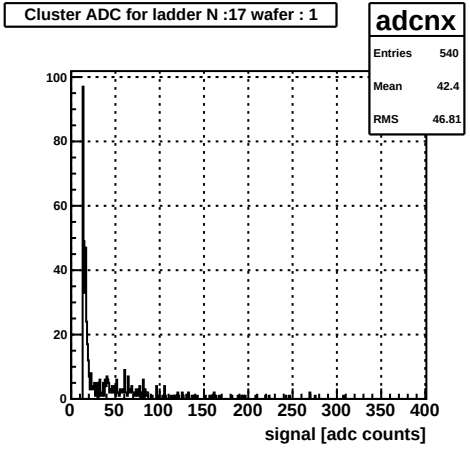

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 614
Mean 51.2
RMS 53.14
signal [adc counts]

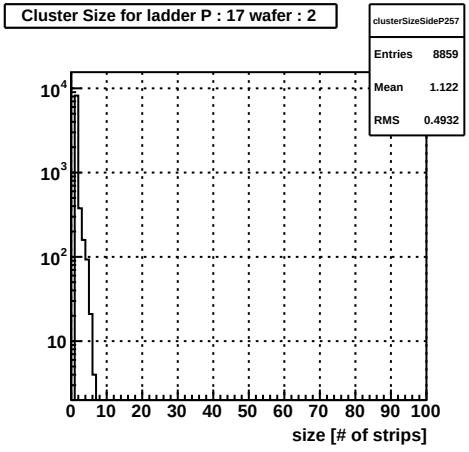

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 346
Mean 1.283
RMS 0.6412
size [# of strips]

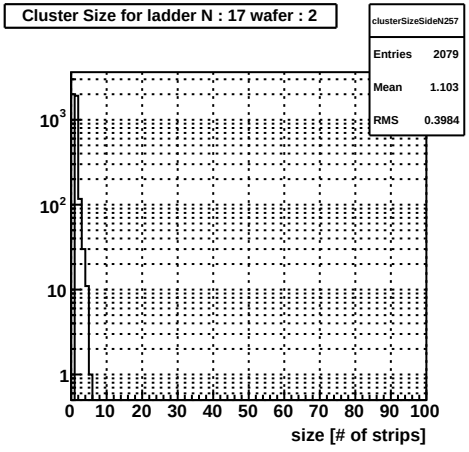

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 540
Mean 1.33
RMS 0.7738
size [# of strips]

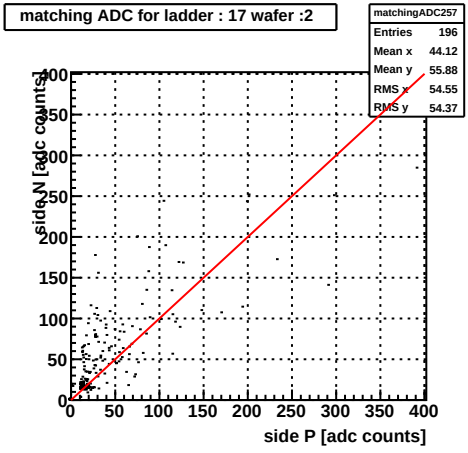

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 157
Mean x 83.94
Mean y 67.8
RMS x 53.15
RMS y 48.31
side N [adc counts]
side P [adc counts]

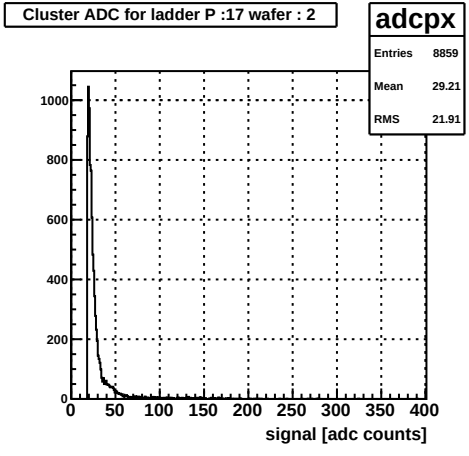

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 346
Mean 83.88
RMS 72.26
signal [adc counts]

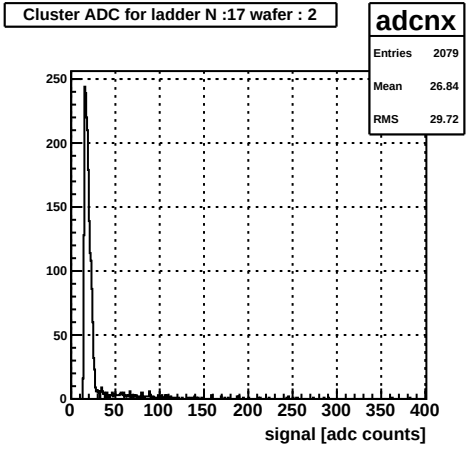

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 540
Mean 42.4
RMS 46.81
signal [adc counts]

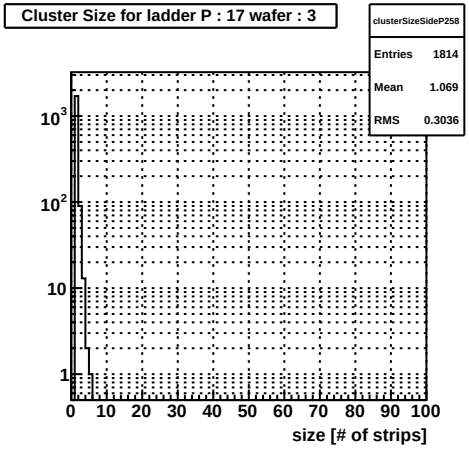

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 8859
Mean 1.122
RMS 0.4932
size [# of strips]

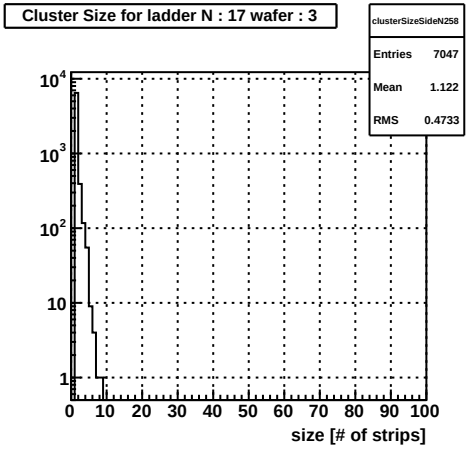

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 2079
Mean 1.103
RMS 0.3984
size [# of strips]

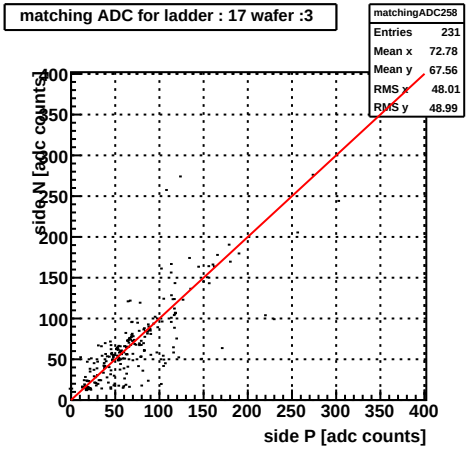

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 196
Mean x 44.12
Mean y 55.88
RMS x 54.55
RMS y 54.37
side N [adc counts]
side P [adc counts]

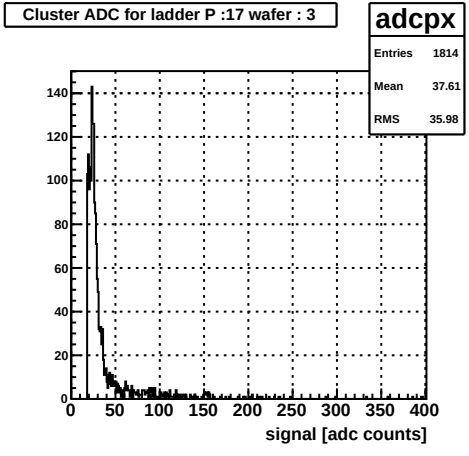

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 8859
Mean 29.21
RMS 21.91
signal [adc counts]

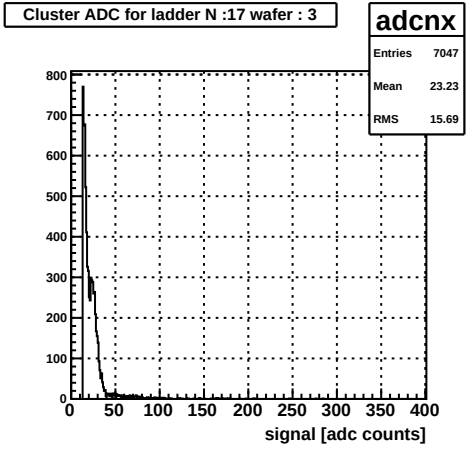

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 2079
Mean 26.84
RMS 29.72
signal [adc counts]

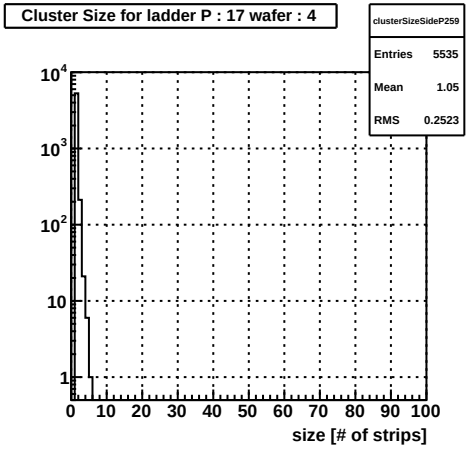

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 1814
Mean 1.069
RMS 0.3036
size [# of strips]

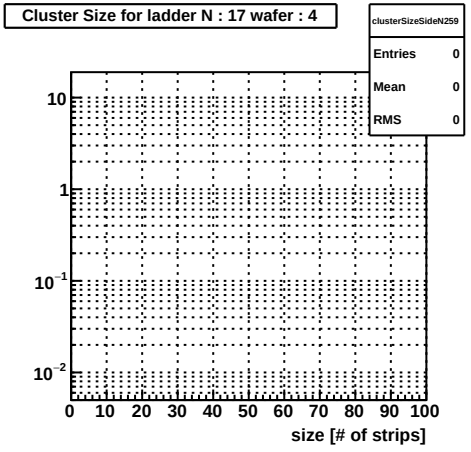

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 7047
Mean 1.122
RMS 0.4733
size [# of strips]

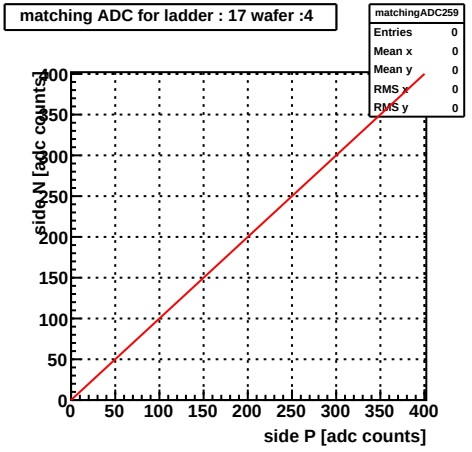

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 231
Mean x 72.78
Mean y 67.56
RMS x 48.01
RMS y 48.99
side N [adc counts]
side P [adc counts]

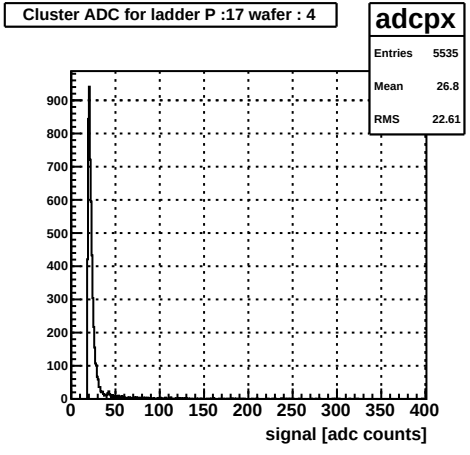

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 1814
Mean 37.61
RMS 35.98
signal [adc counts]

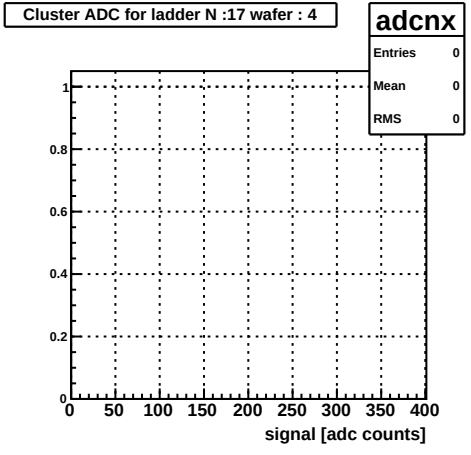

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 7047
Mean 23.23
RMS 15.69
signal [adc counts]

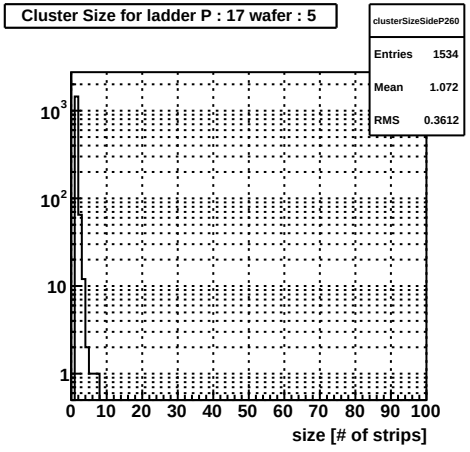

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 5535
Mean 1.05
RMS 0.2523
size [# of strips]

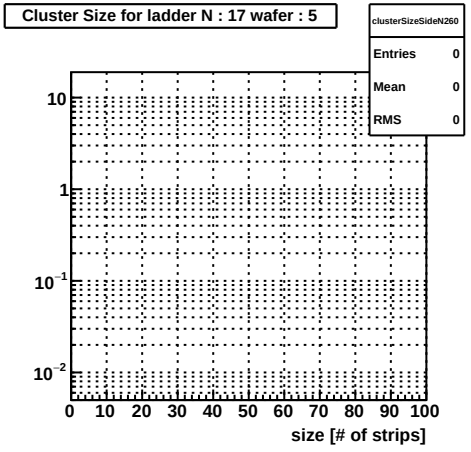

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

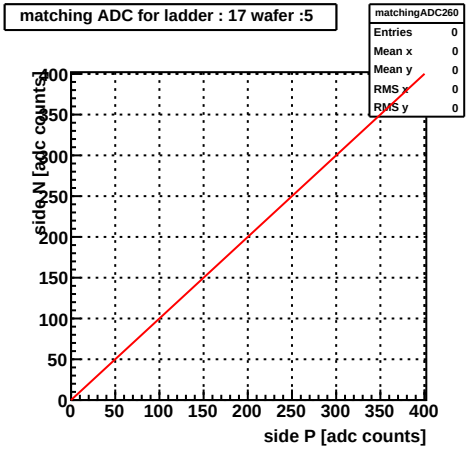

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

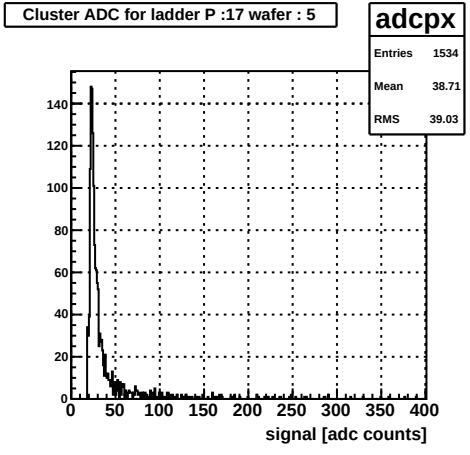

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 5535
Mean 26.8
RMS 22.61
signal [adc counts]

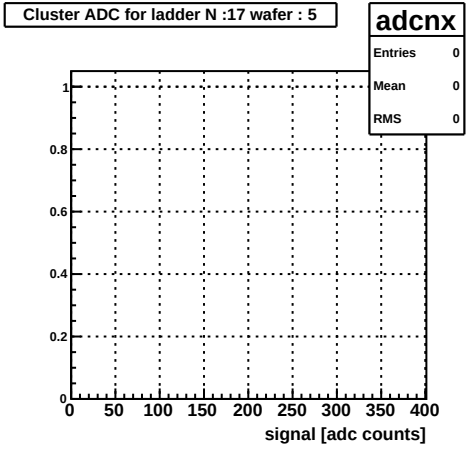

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

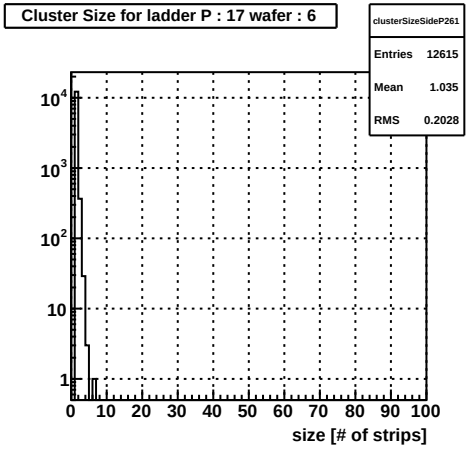

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 1534
Mean 1.072
RMS 0.3612
size [# of strips]

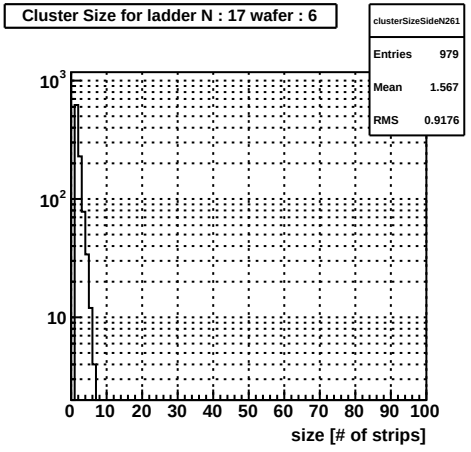

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

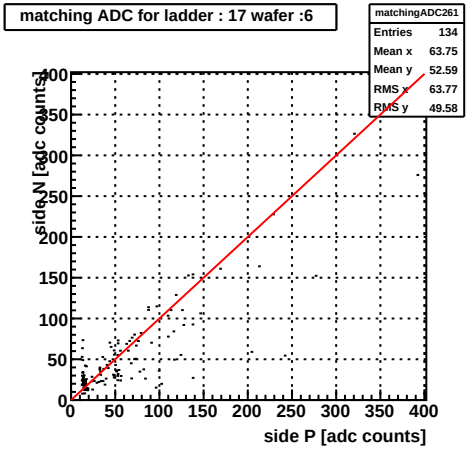

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

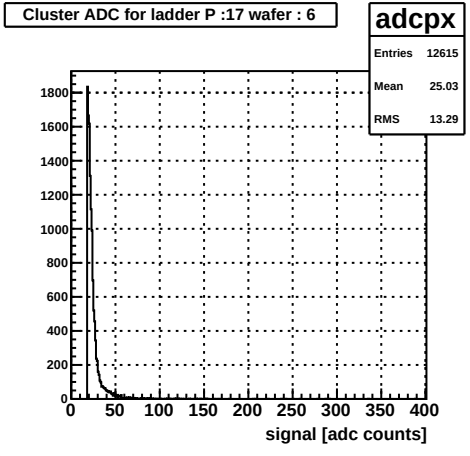

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 1534
Mean 38.71
RMS 39.03
signal [adc counts]

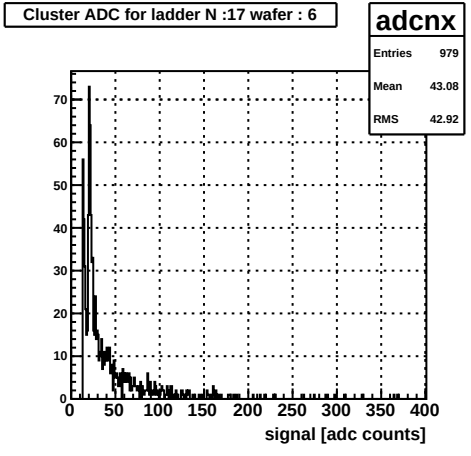

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

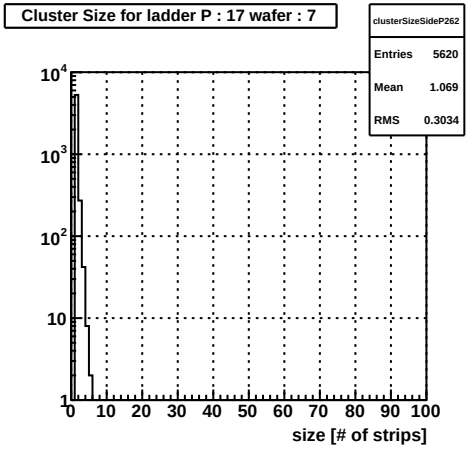

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 12615
Mean 1.035
RMS 0.2028
size [# of strips]

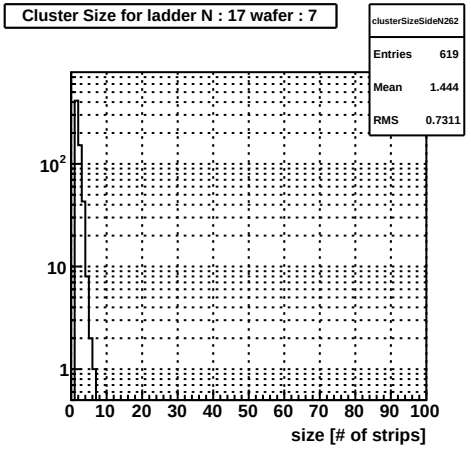

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 979
Mean 1.567
RMS 0.9176
size [# of strips]

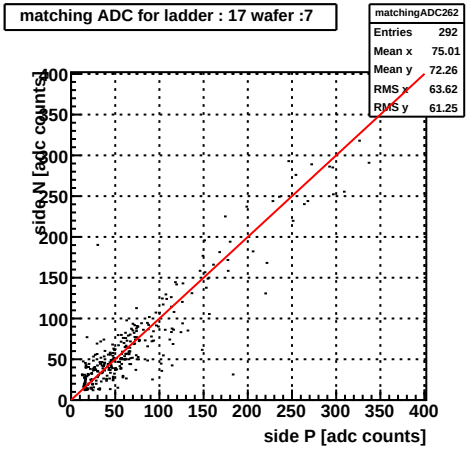

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 134
Mean x 63.75
Mean y 52.59
RMS x 63.77
RMS y 49.58
side N [adc counts]
side P [adc counts]

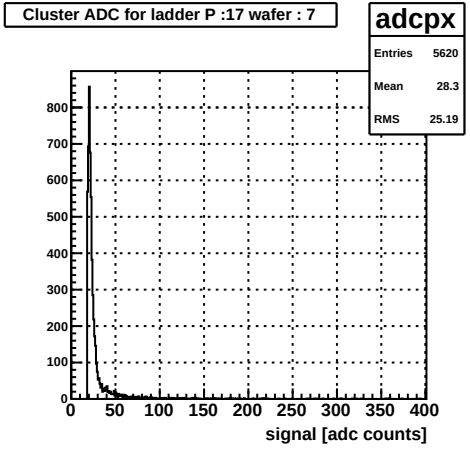

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 12615
Mean 25.03
RMS 13.29
signal [adc counts]

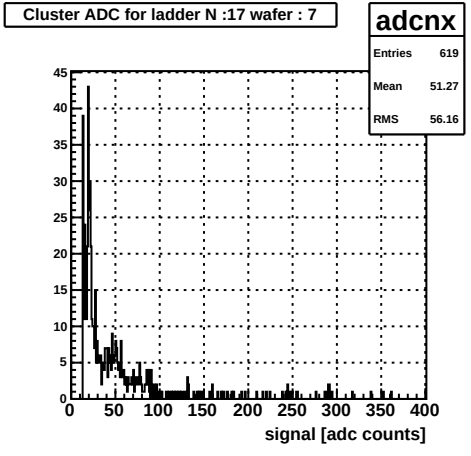

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 979
Mean 43.08
RMS 42.92
signal [adc counts]

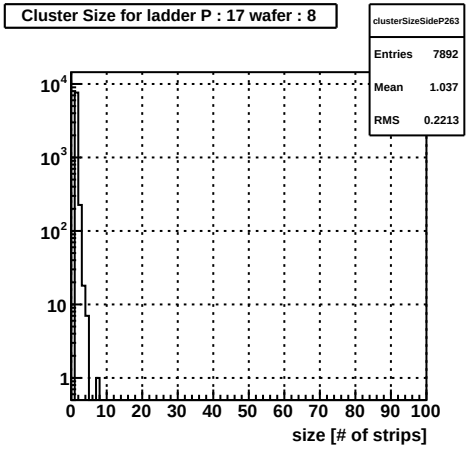

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 5620
Mean 1.069
RMS 0.3034
size [# of strips]

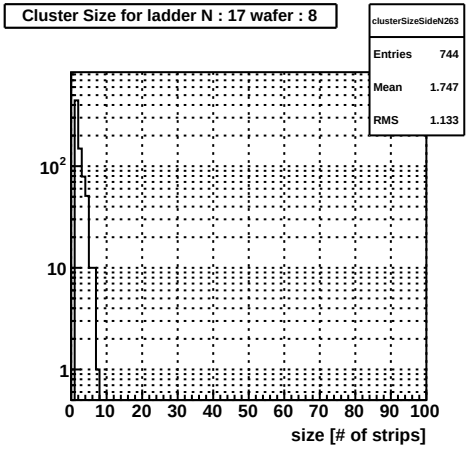

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 619
Mean 1.444
RMS 0.7311
size [# of strips]

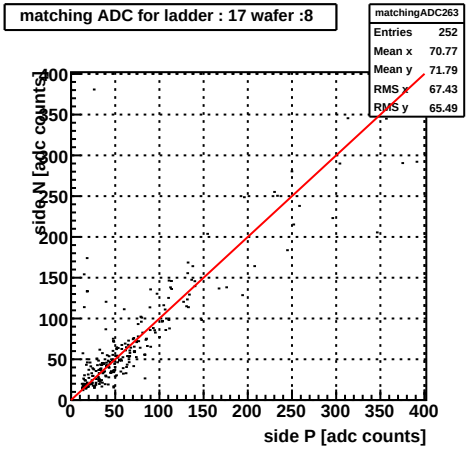

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 292
Mean x 75.01
Mean y 72.26
RMS x 63.62
RMS y 61.25
side N [adc counts]
side P [adc counts]

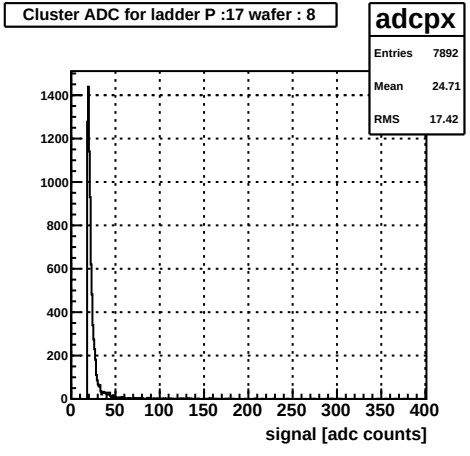

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 5620
Mean 28.3
RMS 25.19
signal [adc counts]

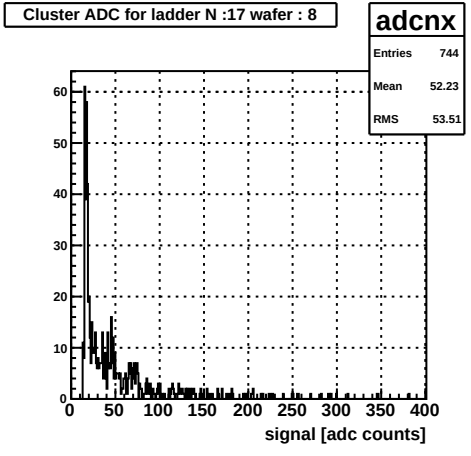

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 619
Mean 51.27
RMS 56.16
signal [adc counts]

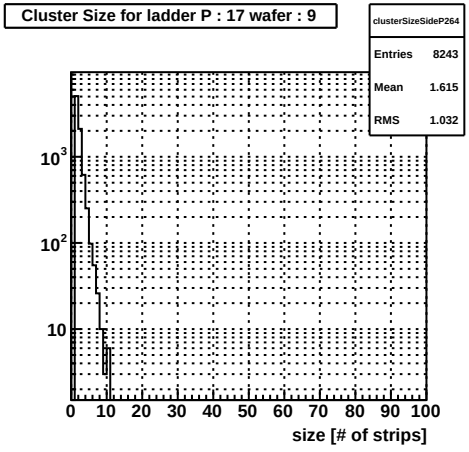

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 7892
Mean 1.037
RMS 0.2213
size [# of strips]

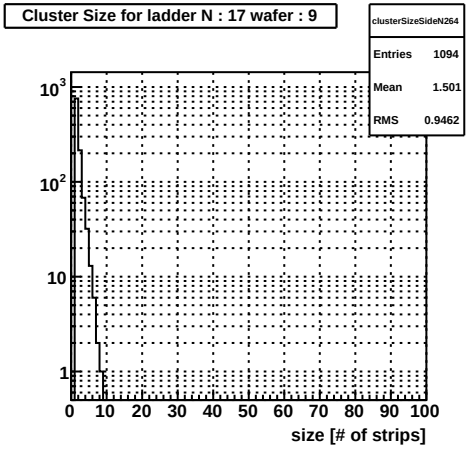

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 744
Mean 1.747
RMS 1.133
size [# of strips]

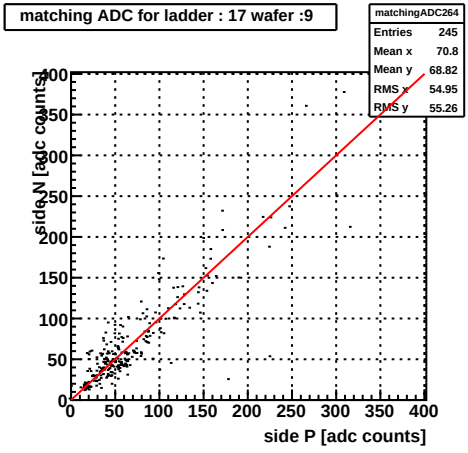

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 252
Mean x 70.77
Mean y 71.79
RMS x 67.43
RMS y 65.49
side N [adc counts]
side P [adc counts]

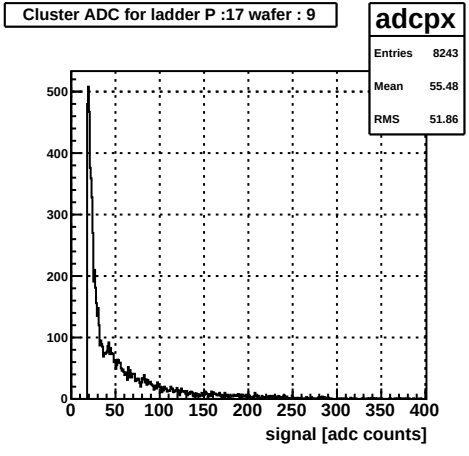

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 7892
Mean 24.71
RMS 17.42
signal [adc counts]

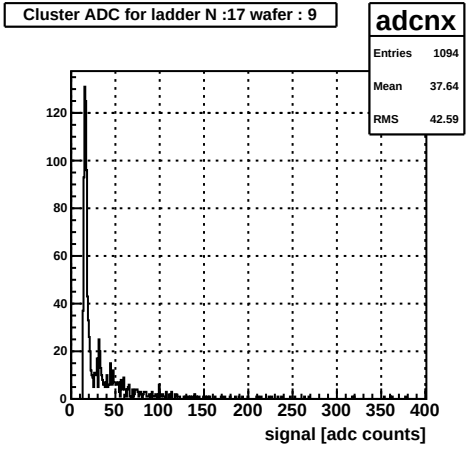

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 744
Mean 52.23
RMS 53.51
signal [adc counts]

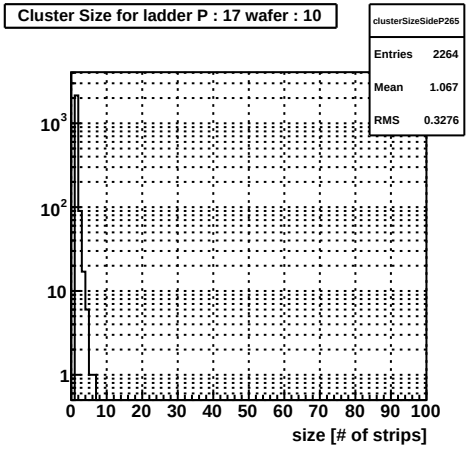

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 8243
Mean 1.615
RMS 1.032
size [# of strips]

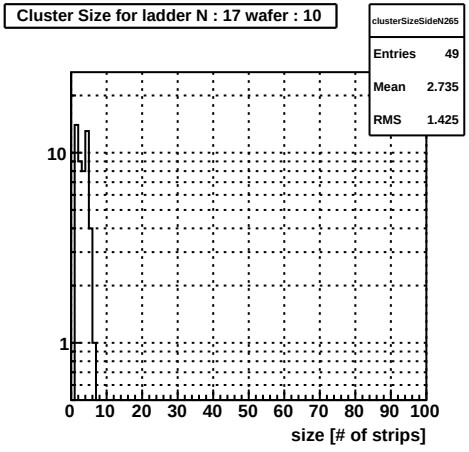

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 1094
Mean 1.501
RMS 0.9462
size [# of strips]

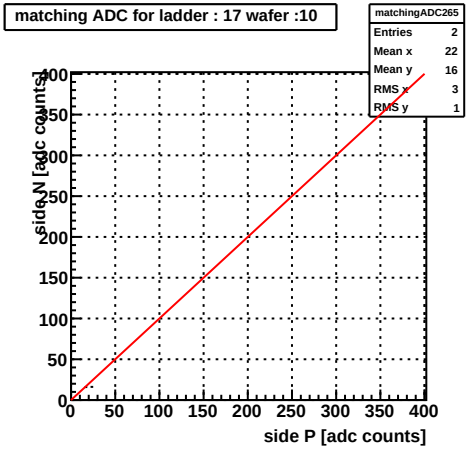

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 245
Mean x 70.8
Mean y 68.82
RMS x 54.95
RMS y 55.26
side N [adc counts]
side P [adc counts]

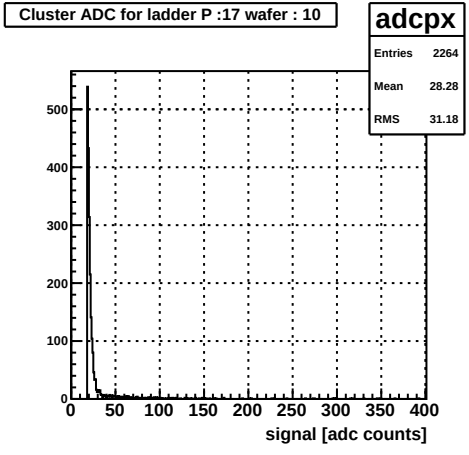

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 8243
Mean 55.48
RMS 51.86
signal [adc counts]

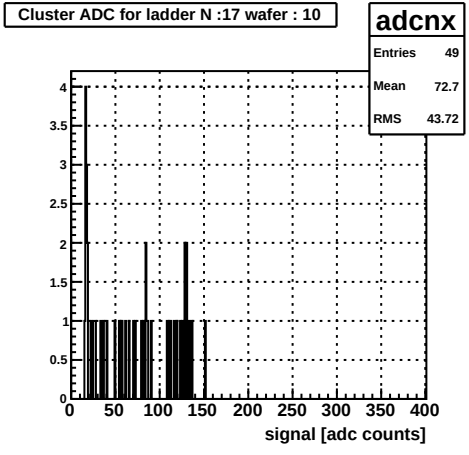

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 1094
Mean 37.64
RMS 42.59
signal [adc counts]

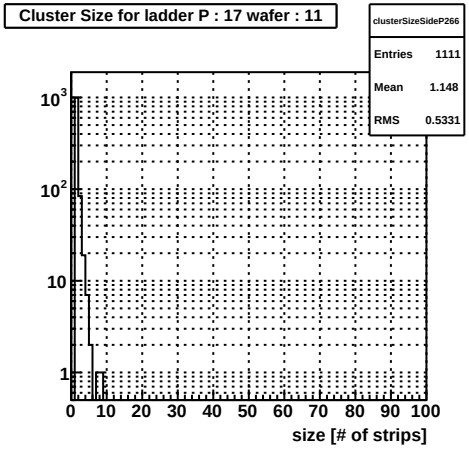

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 2264
Mean 1.067
RMS 0.3276
size [# of strips]

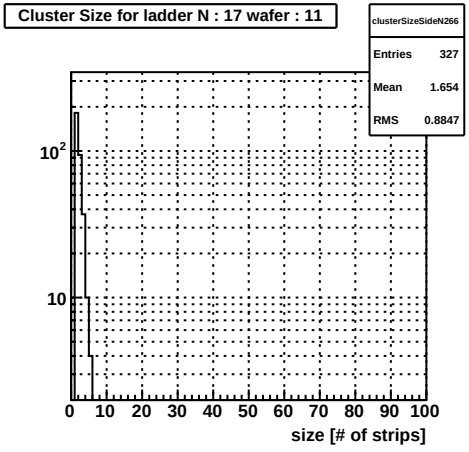

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 49
Mean 2.735
RMS 1.425
size [# of strips]

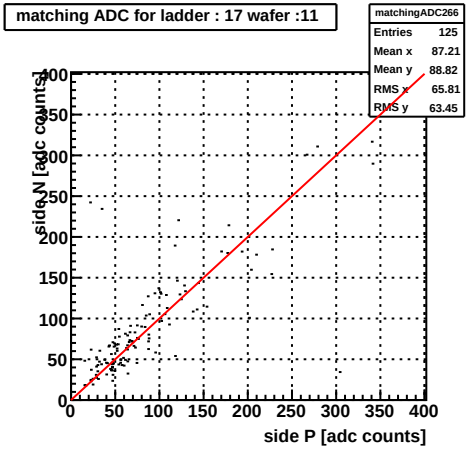

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 2
Mean x 22
Mean y 16
RMS x 3
RMS y 1
side N [adc counts]
side P [adc counts]

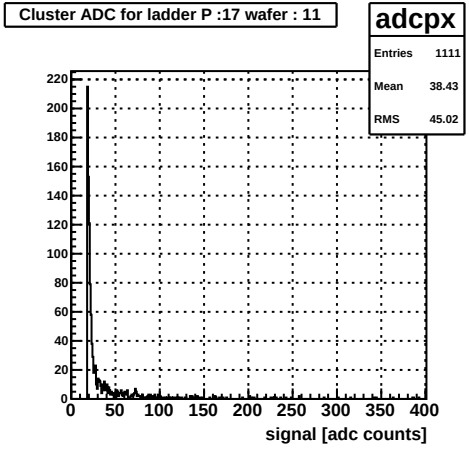

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 2264
Mean 28.28
RMS 31.18
signal [adc counts]

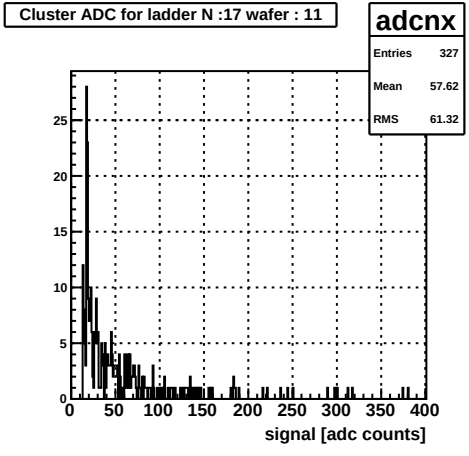

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 49
Mean 72.7
RMS 43.72
signal [adc counts]

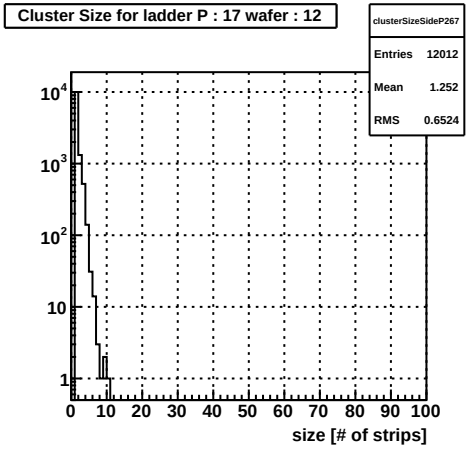

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 1111
Mean 1.148
RMS 0.5331
size [# of strips]

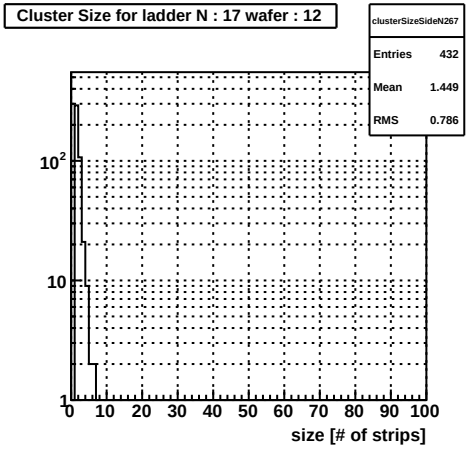

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 327
Mean 1.654
RMS 0.8847
size [# of strips]

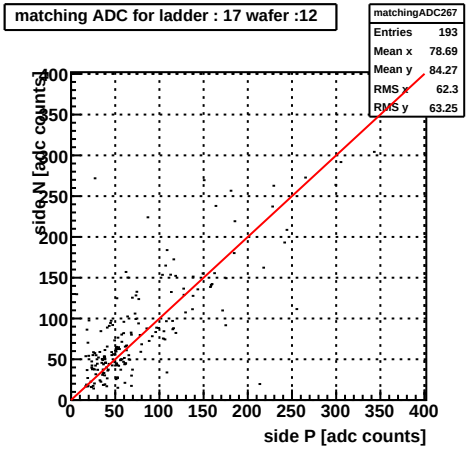

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 125
Mean x 87.21
Mean y 88.82
RMS x 65.81
RMS y 63.45
side N [adc counts]
side P [adc counts]

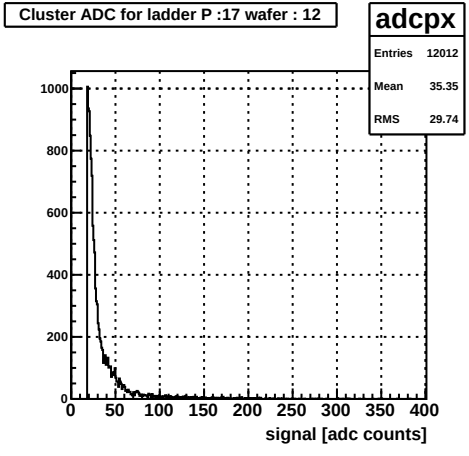

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 1111
Mean 38.43
RMS 45.02
signal [adc counts]

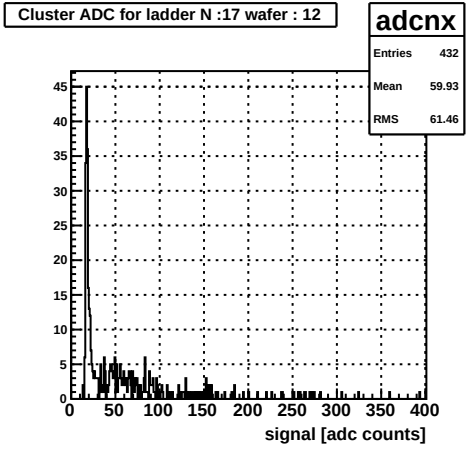

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 327
Mean 57.62
RMS 61.32
signal [adc counts]

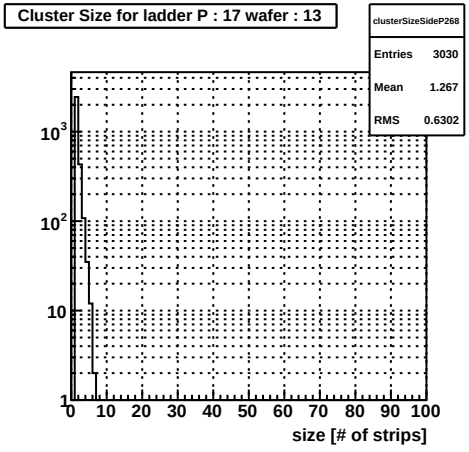

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 12012
Mean 1.252
RMS 0.6524
size [# of strips]

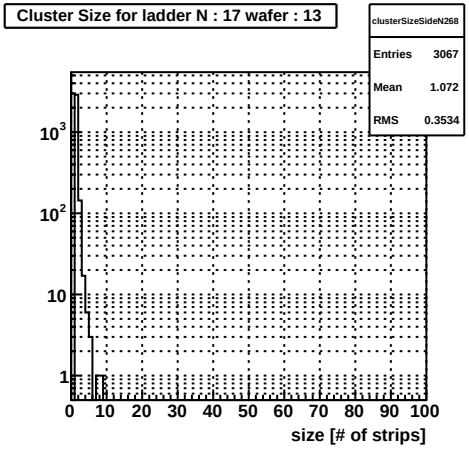

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 432
Mean 1.449
RMS 0.786
size [# of strips]

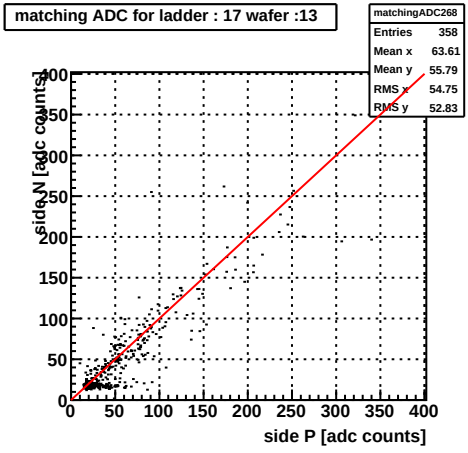

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 193
Mean x 78.69
Mean y 84.27
RMS x 62.3
RMS y 63.25
side N [adc counts]
side P [adc counts]

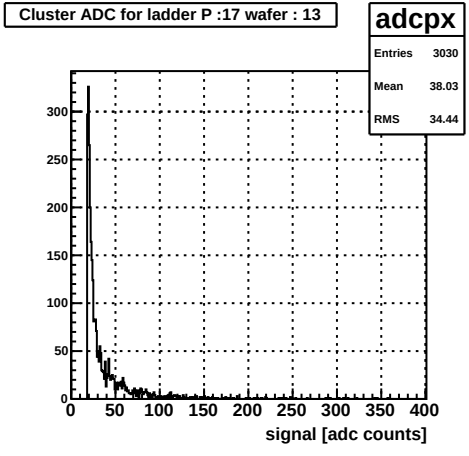

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 12012
Mean 35.35
RMS 29.74
signal [adc counts]

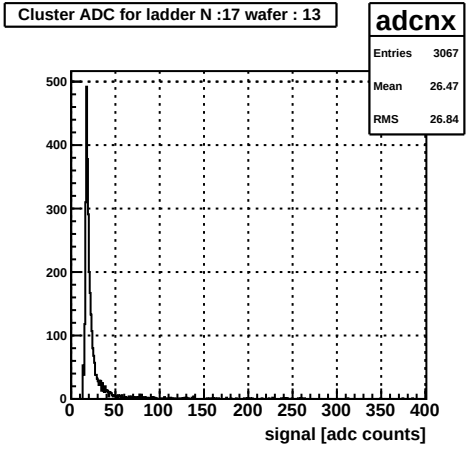

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 432
Mean 59.93
RMS 61.46
signal [adc counts]

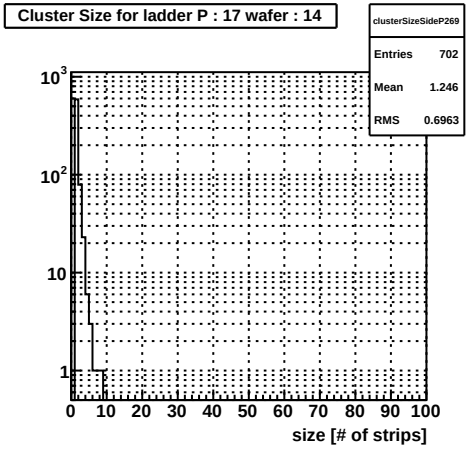

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 3030
Mean 1.267
RMS 0.6302
size [# of strips]

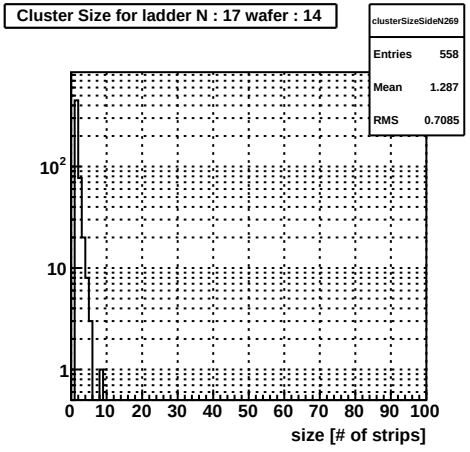

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 3067
Mean 1.072
RMS 0.3534
size [# of strips]

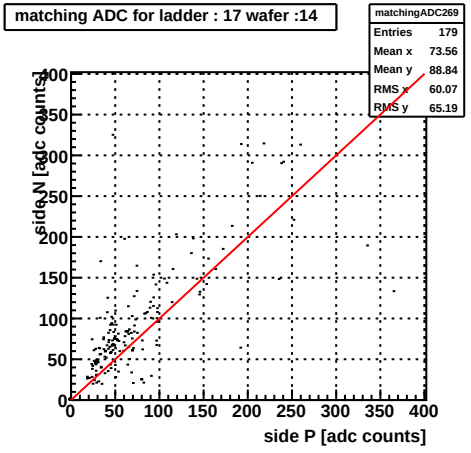

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 358
Mean x 63.61
Mean y 55.79
RMS x 54.75
RMS y 52.83
side N [adc counts]
side P [adc counts]

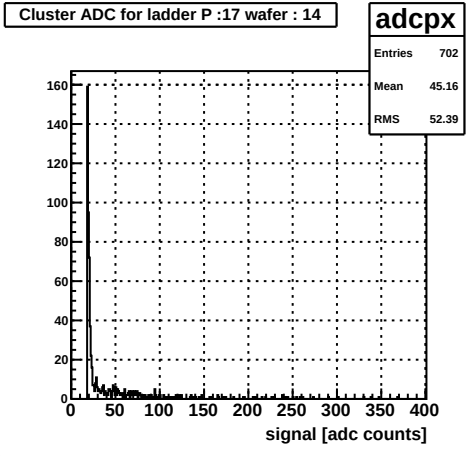

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 3030
Mean 38.03
RMS 34.44
signal [adc counts]

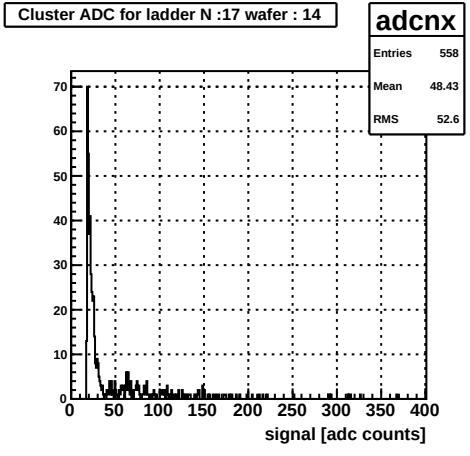

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 3067
Mean 26.47
RMS 26.84
signal [adc counts]

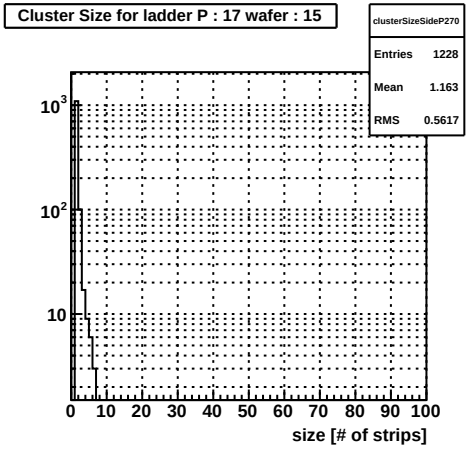

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 702
Mean 1.246
RMS 0.6963
size [# of strips]

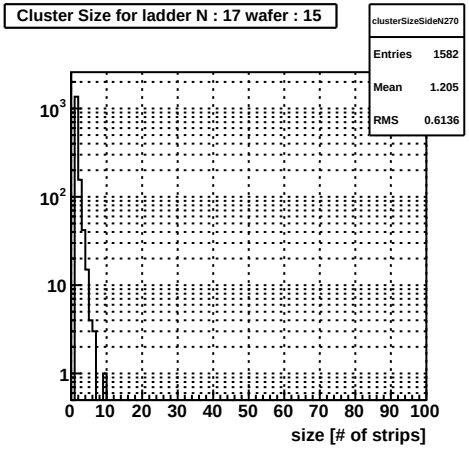

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 558
Mean 1.287
RMS 0.7085
size [# of strips]

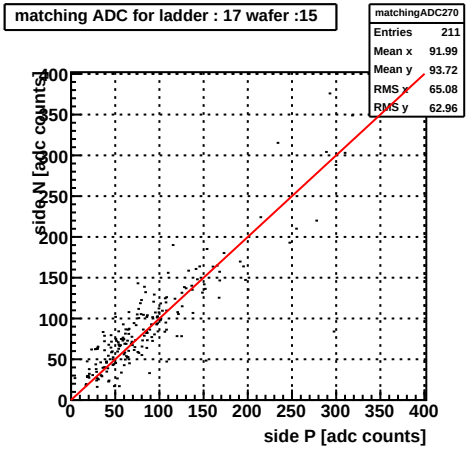

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 179
Mean x 73.56
Mean y 88.84
RMS x 60.07
RMS y 65.19
side N [adc counts]
side P [adc counts]

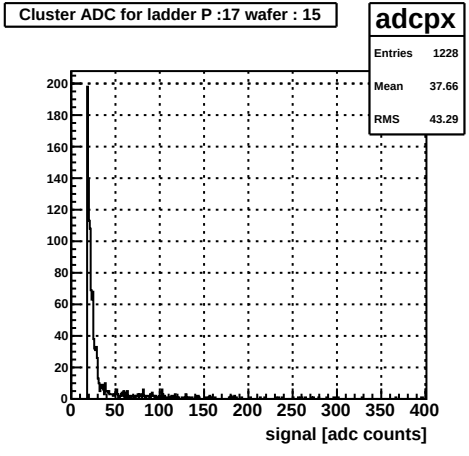

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 702
Mean 45.16
RMS 52.39
signal [adc counts]

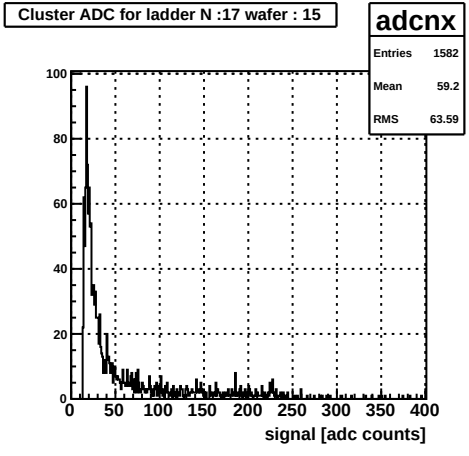

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 558
Mean 48.43
RMS 52.6
signal [adc counts]

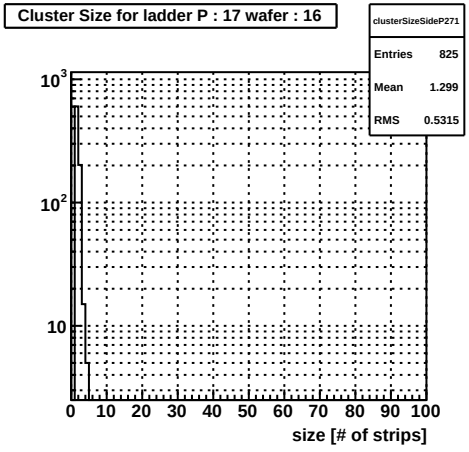

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 1228
Mean 1.163
RMS 0.5617
size [# of strips]

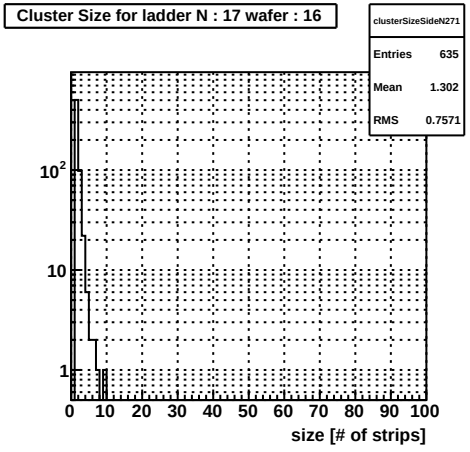

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 1582
Mean 1.205
RMS 0.6136
size [# of strips]

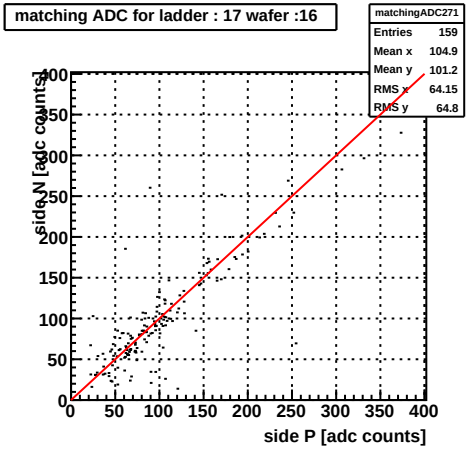

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 211
Mean x 91.99
Mean y 93.72
RMS x 65.08
RMS y 62.96
side N [adc counts]
side P [adc counts]

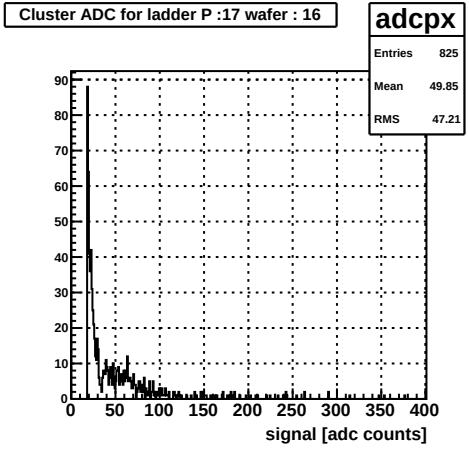

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 1228
Mean 37.66
RMS 43.29
signal [adc counts]

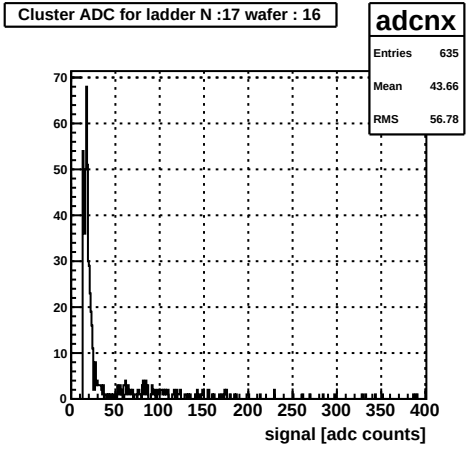

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 1582
Mean 59.2
RMS 63.59
signal [adc counts]

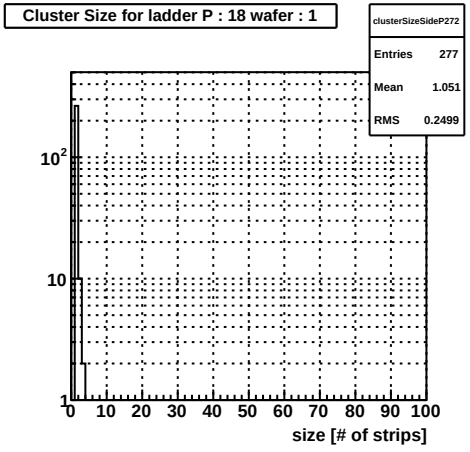

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 825
Mean 1.299
RMS 0.5315
size [# of strips]

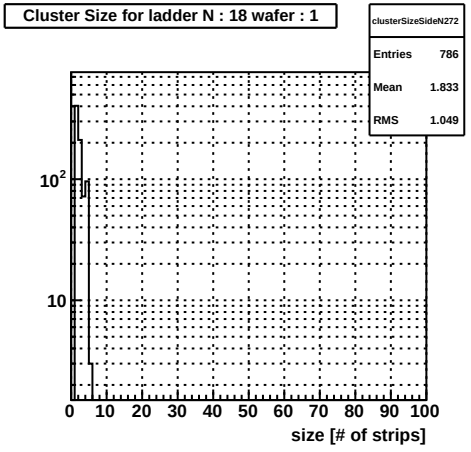

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 635
Mean 1.302
RMS 0.7571
size [# of strips]

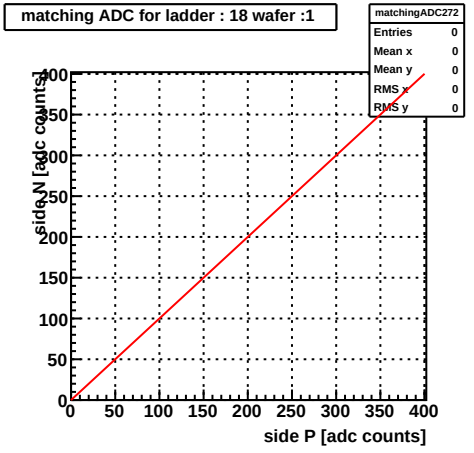

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 159
Mean x 104.9
Mean y 101.2
RMS x 64.15
RMS y 64.8
side N [adc counts]
side P [adc counts]

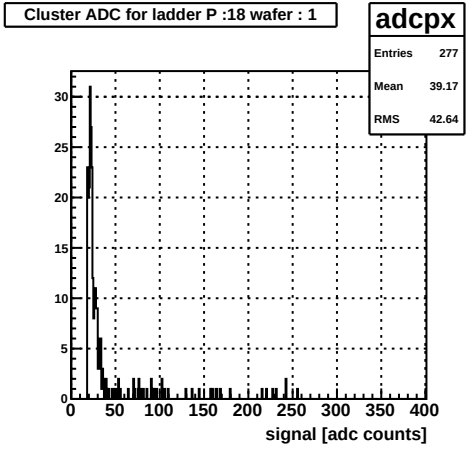

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 825
Mean 49.85
RMS 47.21
signal [adc counts]

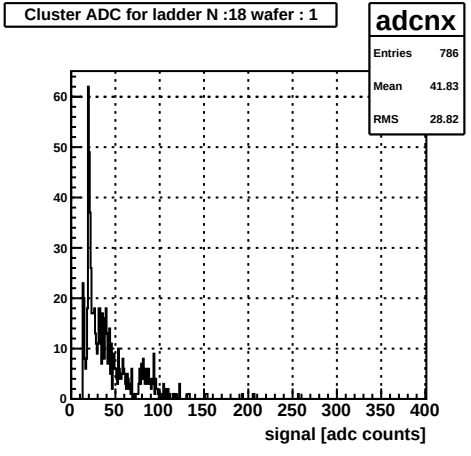

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 635
Mean 43.66
RMS 56.78
signal [adc counts]

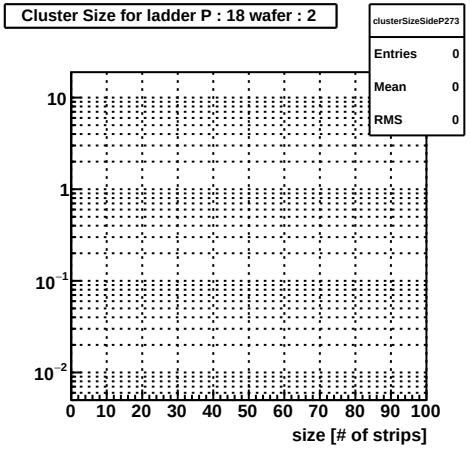

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 277
Mean 1.051
RMS 0.2499
size [# of strips]

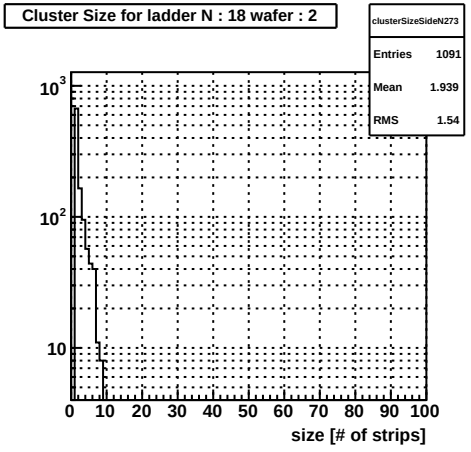

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 786
Mean 1.833
RMS 1.049
size [# of strips]

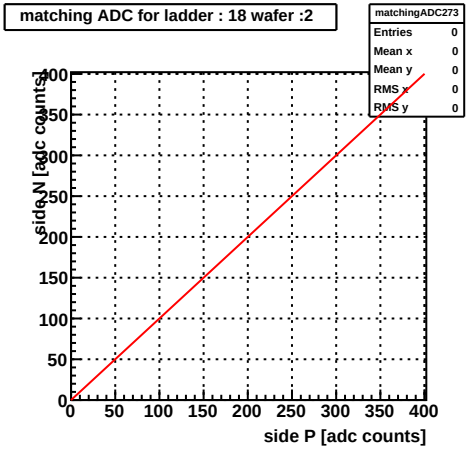

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

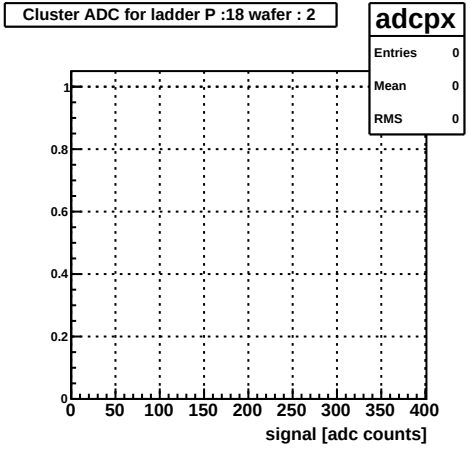

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 277
Mean 39.17
RMS 42.64
signal [adc counts]

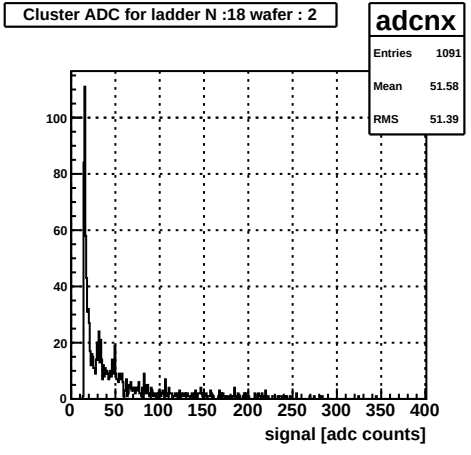

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 786
Mean 41.83
RMS 28.82
signal [adc counts]

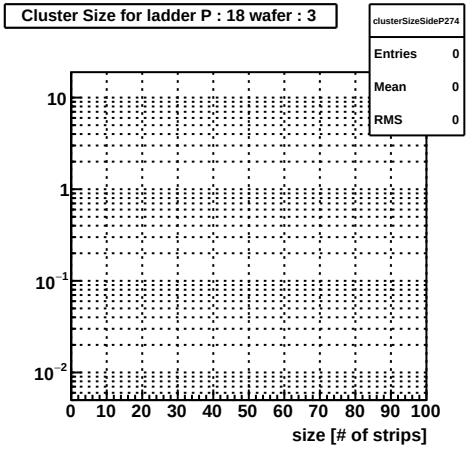

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

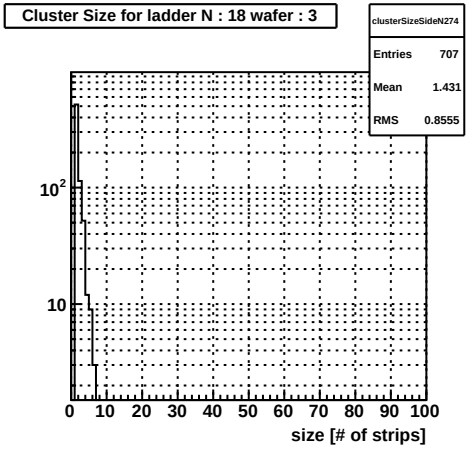

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 1091
Mean 1.939
RMS 1.54
size [# of strips]

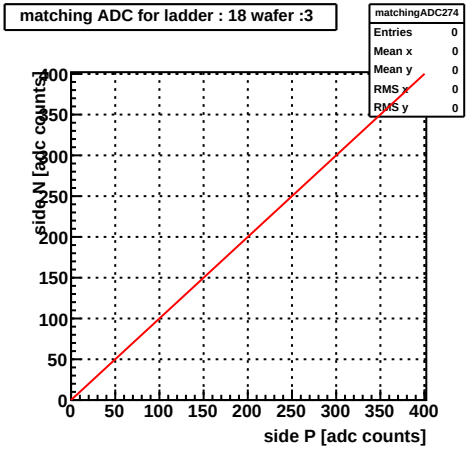

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

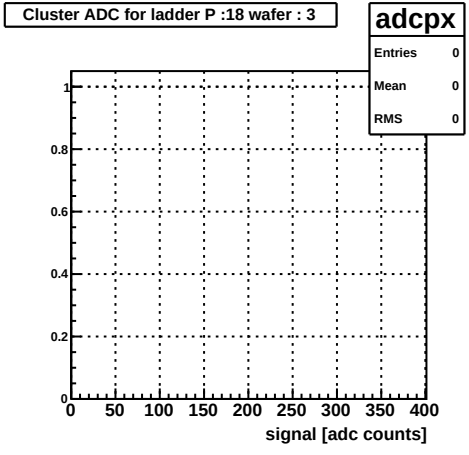

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

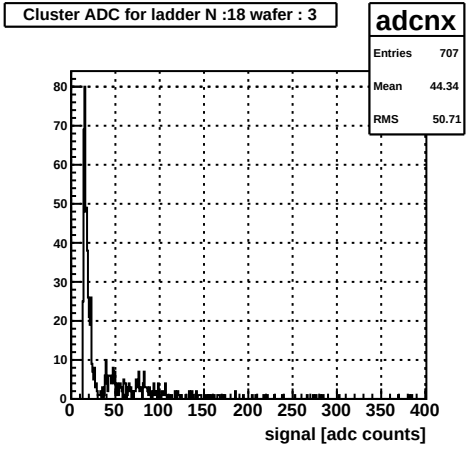

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 1091
Mean 51.58
RMS 51.39
signal [adc counts]

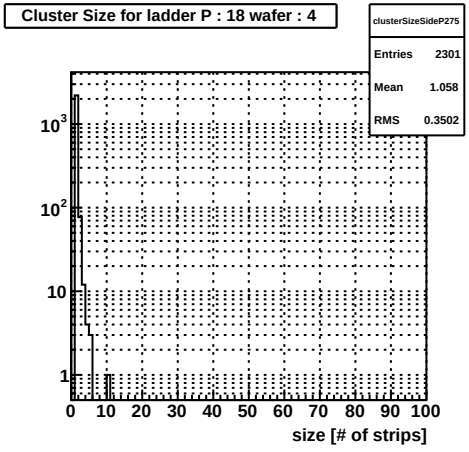

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

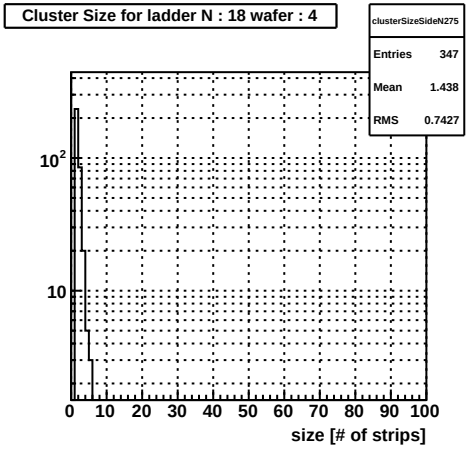

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 707
Mean 1.431
RMS 0.8555
size [# of strips]

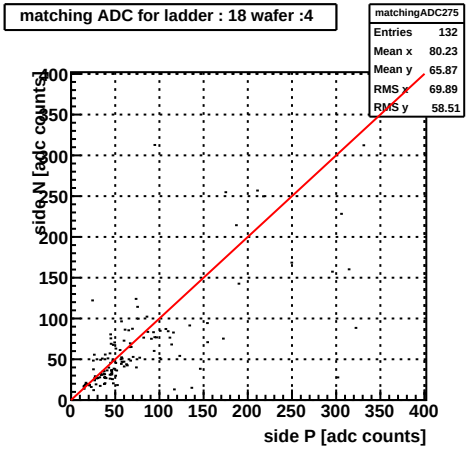

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

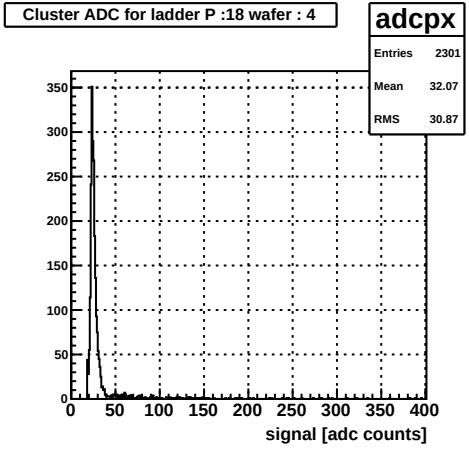

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

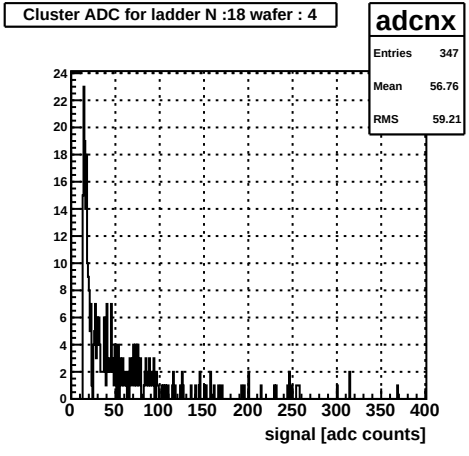

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 707
Mean 44.34
RMS 50.71
signal [adc counts]

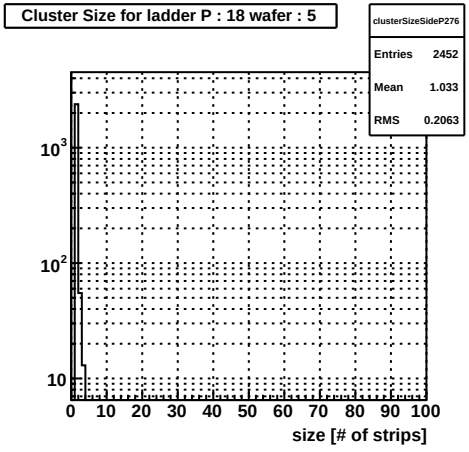

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 2301
Mean 1.058
RMS 0.3502
size [# of strips]

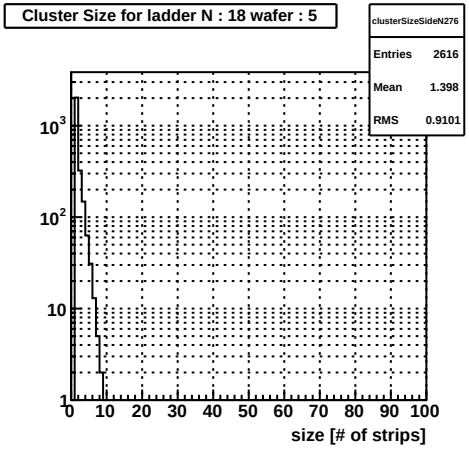

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 347
Mean 1.438
RMS 0.7427
size [# of strips]

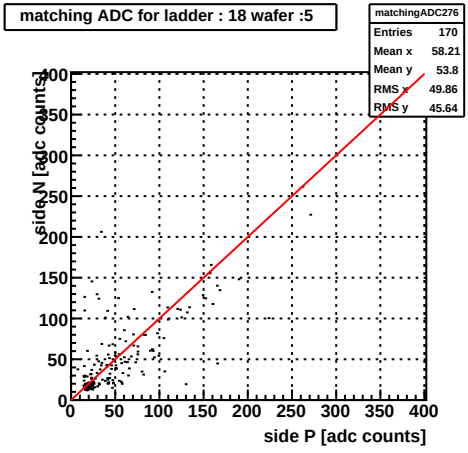

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 132
Mean x 80.23
Mean y 65.87
RMS x 69.89
RMS y 58.51
side N [adc counts]
side P [adc counts]

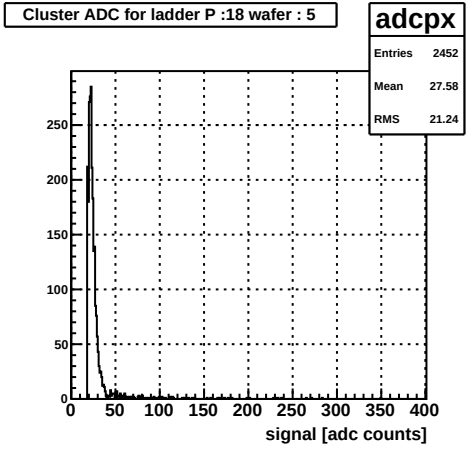

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 2301
Mean 32.07
RMS 30.87
signal [adc counts]

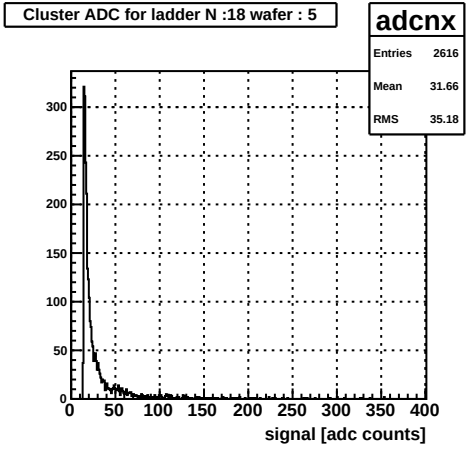

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 347
Mean 56.76
RMS 59.21
signal [adc counts]

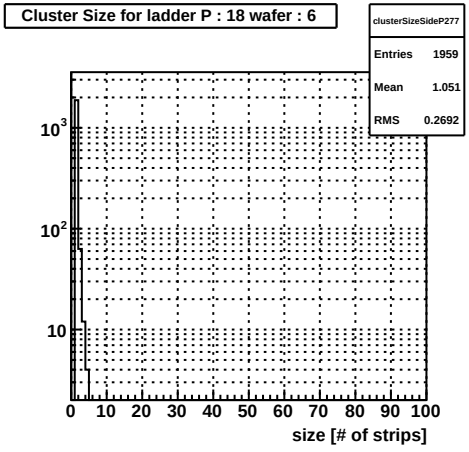

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 2452
Mean 1.033
RMS 0.2063
size [# of strips]

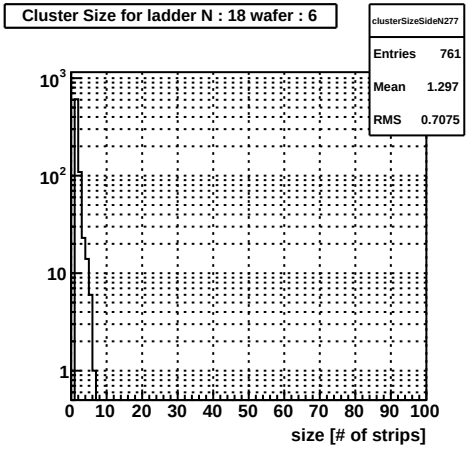

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 2616
Mean 1.398
RMS 0.9101
size [# of strips]

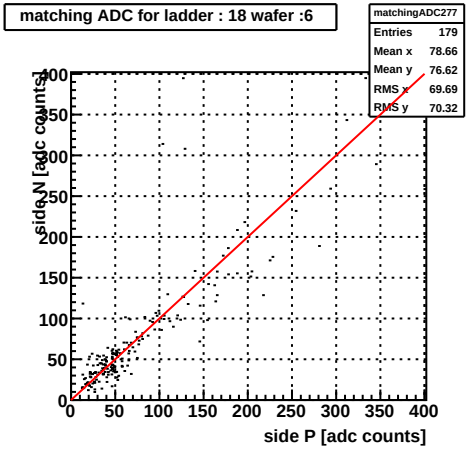

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 170
Mean x 58.21
Mean y 53.8
RMS x 49.86
RMS y 45.64
side N [adc counts]
side P [adc counts]

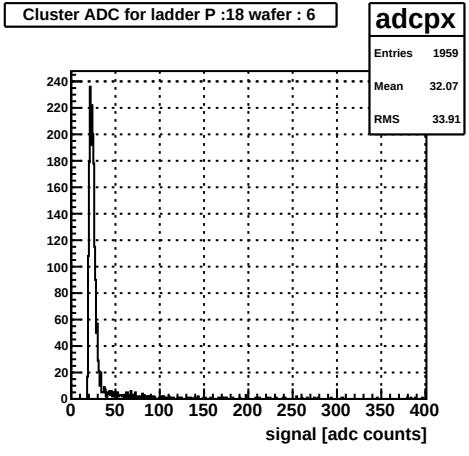

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 2452
Mean 27.58
RMS 21.24
signal [adc counts]

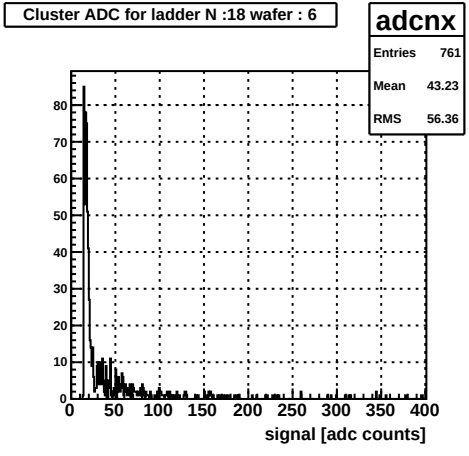

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 2616
Mean 31.66
RMS 35.18
signal [adc counts]

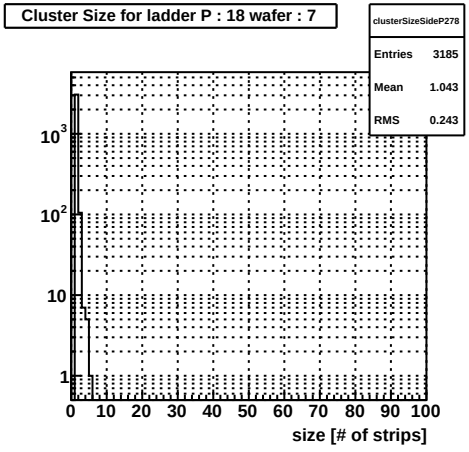

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 1959
Mean 1.051
RMS 0.2692
size [# of strips]

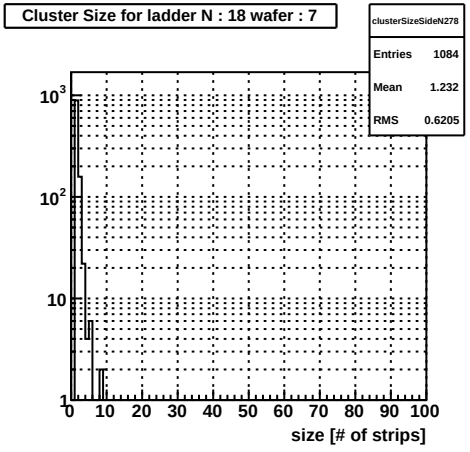

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 761
Mean 1.297
RMS 0.7075
size [# of strips]

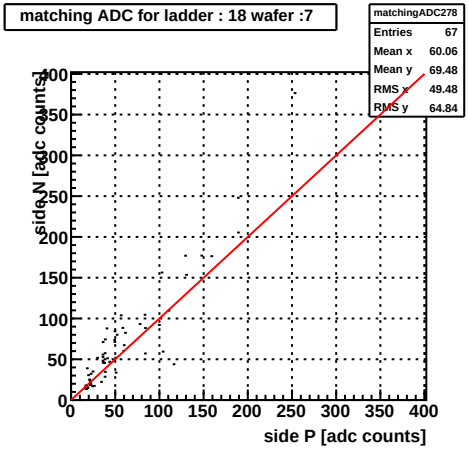

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 179
Mean x 78.66
Mean y 76.62
RMS x 69.69
RMS y 70.32
side N [adc counts]
side P [adc counts]

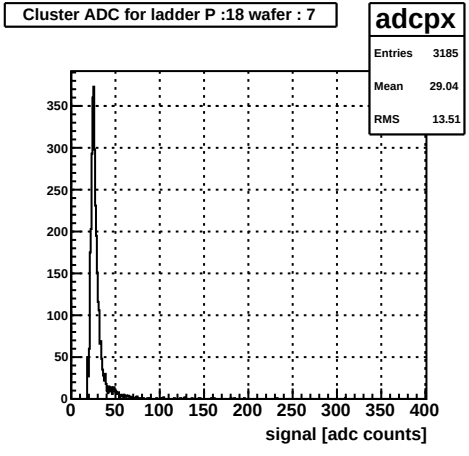

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 1959
Mean 32.07
RMS 33.91
signal [adc counts]

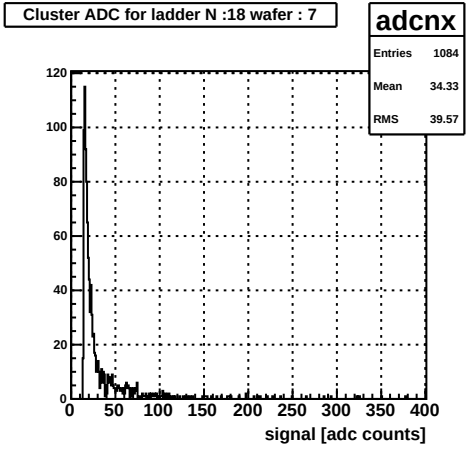

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 761
Mean 43.23
RMS 56.36
signal [adc counts]

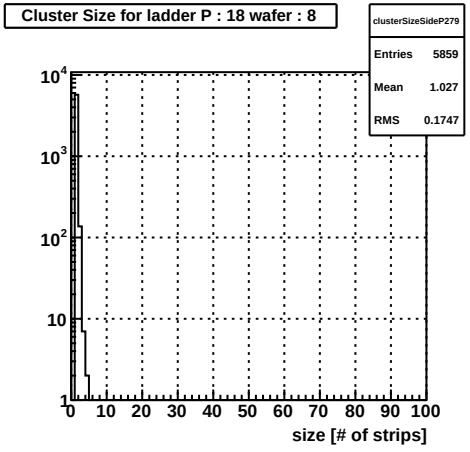

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 3185
Mean 1.043
RMS 0.243
size [# of strips]

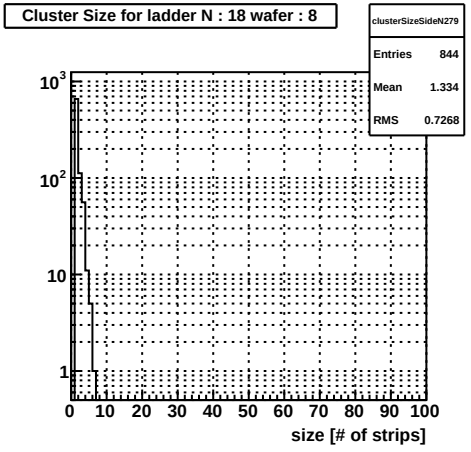

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 1084
Mean 1.232
RMS 0.6205
size [# of strips]

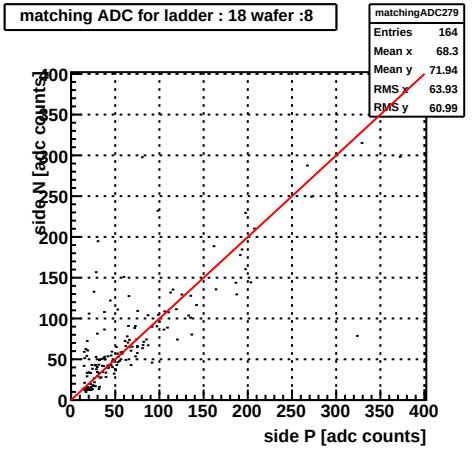

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 67
Mean x 60.06
Mean y 69.48
RMS x 49.48
RMS y 64.84
side N [adc counts]
side P [adc counts]

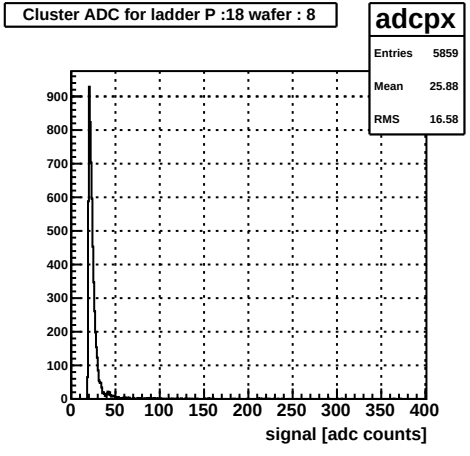

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 3185
Mean 29.04
RMS 13.51
signal [adc counts]

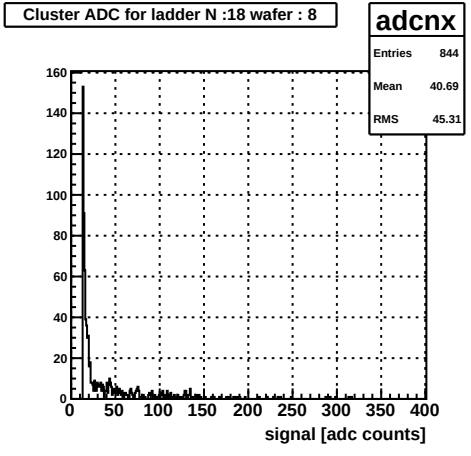

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 1084
Mean 34.33
RMS 39.57
signal [adc counts]

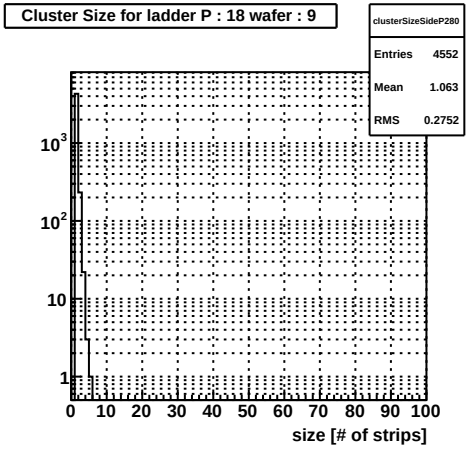

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 5859
Mean 1.027
RMS 0.1747
size [# of strips]

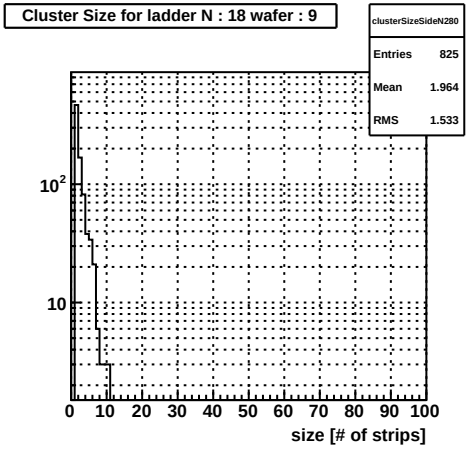

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 844
Mean 1.334
RMS 0.7268
size [# of strips]

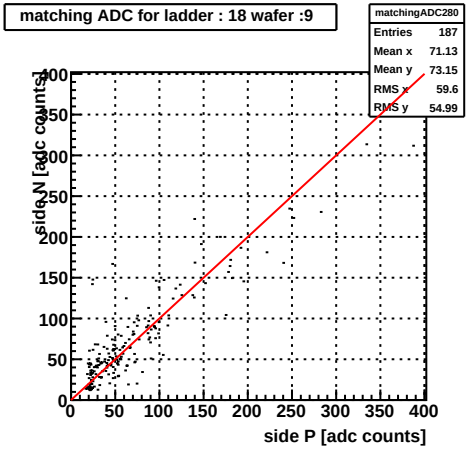

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 164
Mean x 68.3
Mean y 71.94
RMS x 63.93
RMS y 60.99
side N [adc counts]
side P [adc counts]

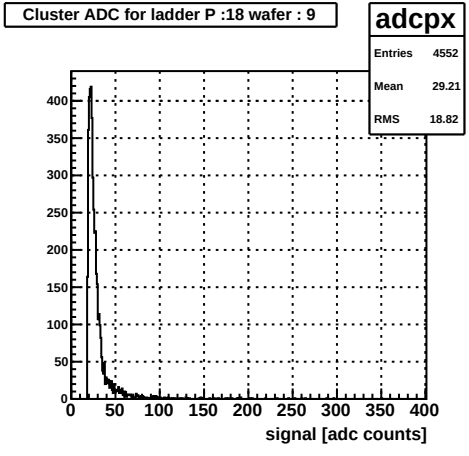

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 5859
Mean 25.88
RMS 16.58
signal [adc counts]

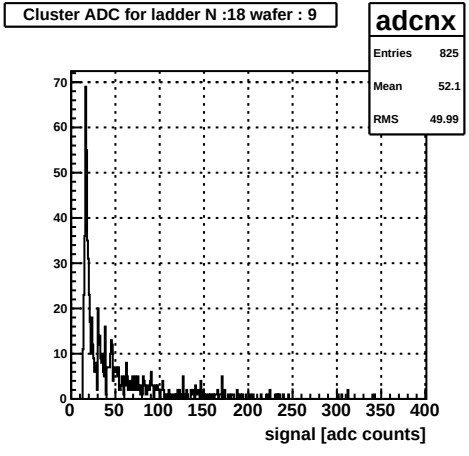

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 844
Mean 40.69
RMS 45.31
signal [adc counts]

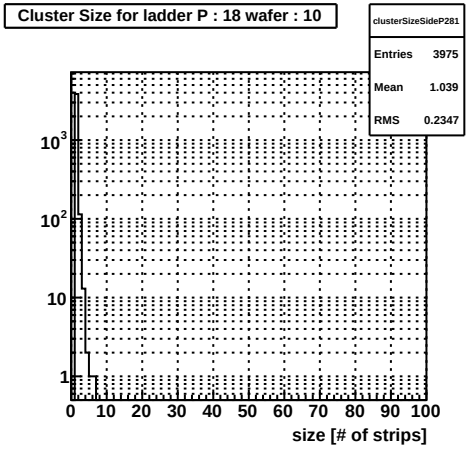

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 4552
Mean 1.063
RMS 0.2752
size [# of strips]

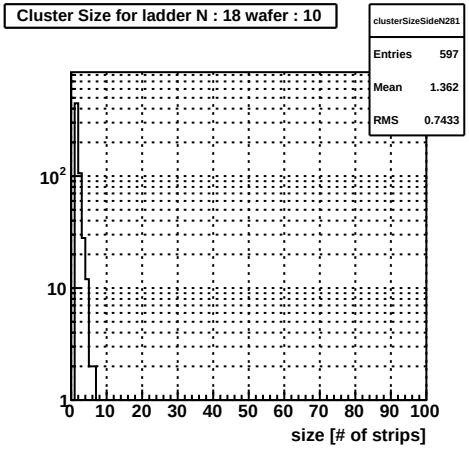

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 825
Mean 1.964
RMS 1.533
size [# of strips]

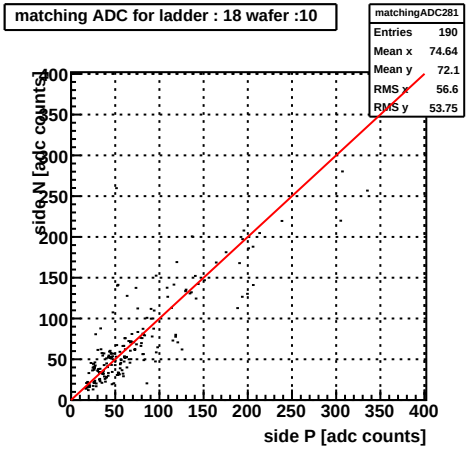

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 187
Mean x 71.13
Mean y 73.15
RMS x 59.6
RMS y 54.99
side N [adc counts]
side P [adc counts]

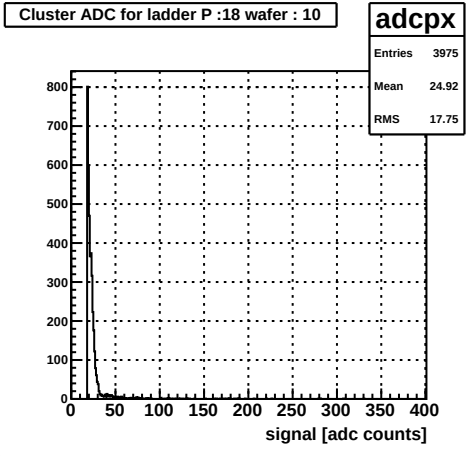

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 4552
Mean 29.21
RMS 18.82
signal [adc counts]

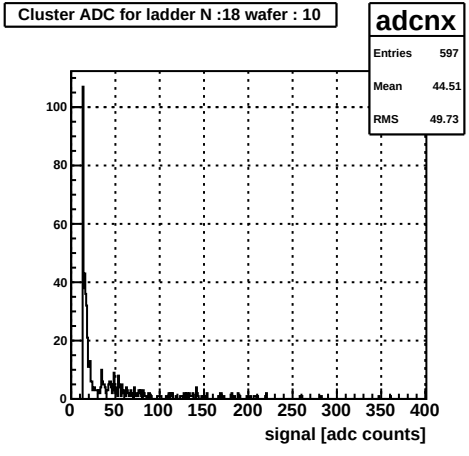

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 825
Mean 52.1
RMS 49.99
signal [adc counts]

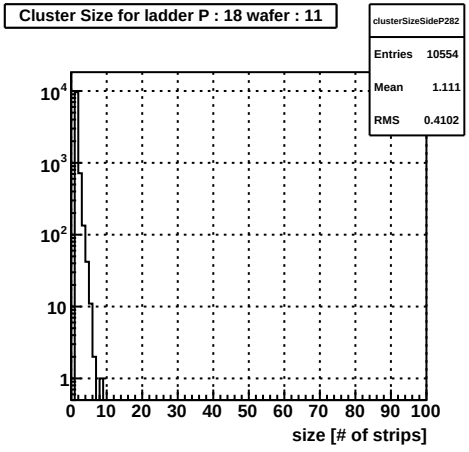

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 3975
Mean 1.039
RMS 0.2347
size [# of strips]

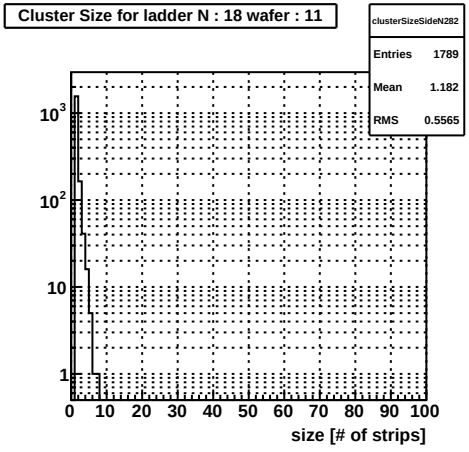

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 597
Mean 1.362
RMS 0.7433
size [# of strips]

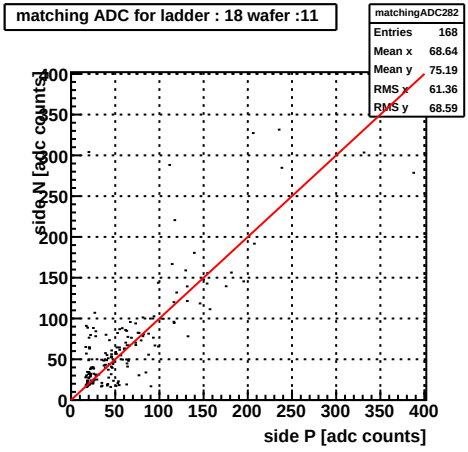

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 190
Mean x 74.64
Mean y 72.1
RMS x 56.6
RMS y 53.75
side N [adc counts]
side P [adc counts]

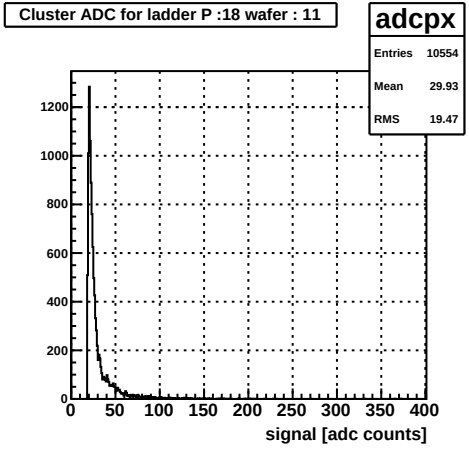

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 3975
Mean 24.92
RMS 17.75
signal [adc counts]

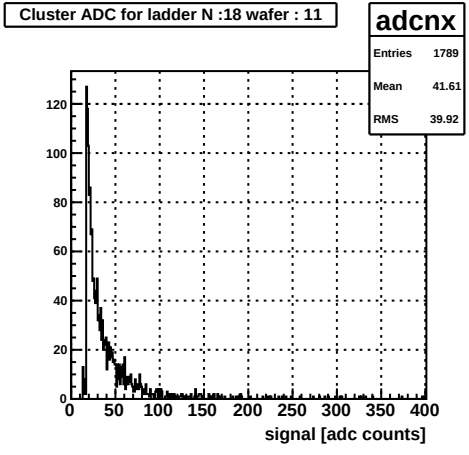

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 597
Mean 44.51
RMS 49.73
signal [adc counts]

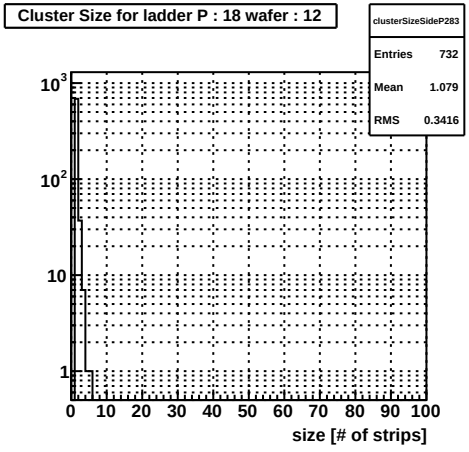

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 10554
Mean 1.111
RMS 0.4102
size [# of strips]

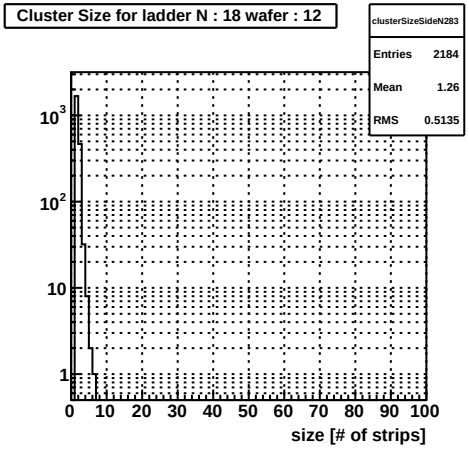

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 1789
Mean 1.182
RMS 0.5565
size [# of strips]

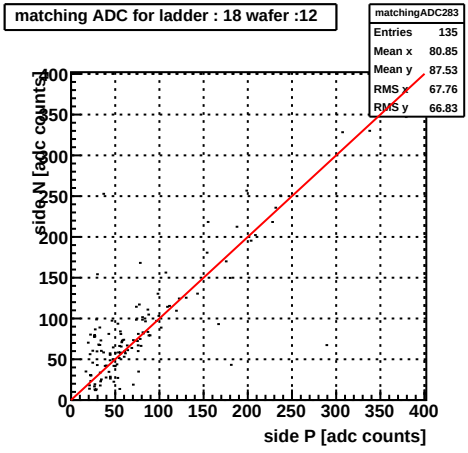

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 168
Mean x 68.64
Mean y 75.19
RMS x 61.36
RMS y 68.59
side N [adc counts]
side P [adc counts]

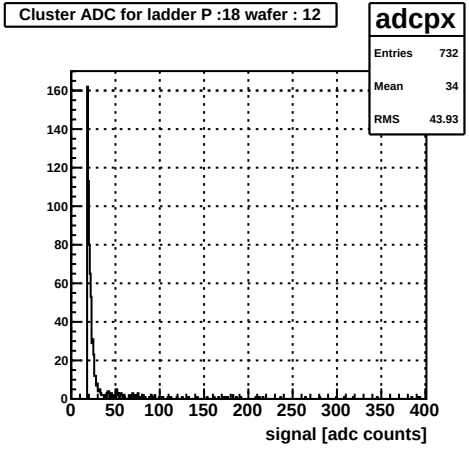

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 10554
Mean 29.93
RMS 19.47
signal [adc counts]

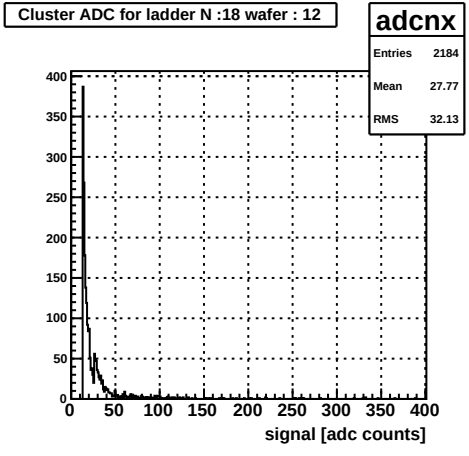

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 1789
Mean 41.61
RMS 39.92
signal [adc counts]

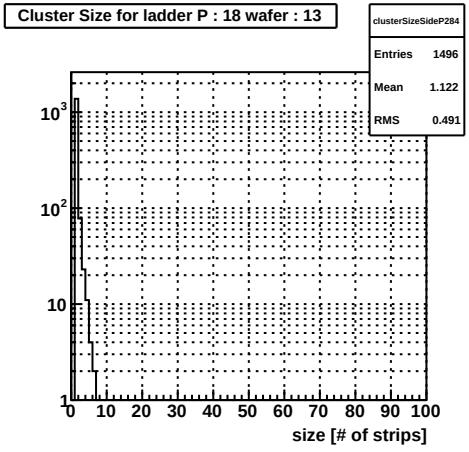

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 732
Mean 1.079
RMS 0.3416
size [# of strips]

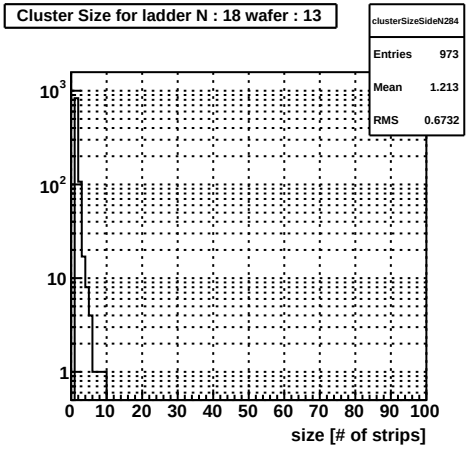

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 2184
Mean 1.26
RMS 0.5135
size [# of strips]

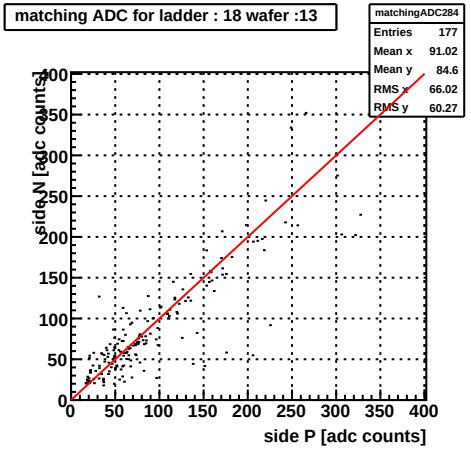

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 135
Mean x 80.85
Mean y 87.53
RMS x 67.76
RMS y 66.83
side N [adc counts]
side P [adc counts]

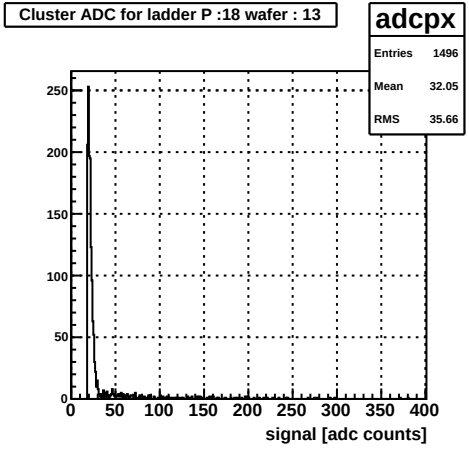

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 732
Mean 34
RMS 43.93
signal [adc counts]

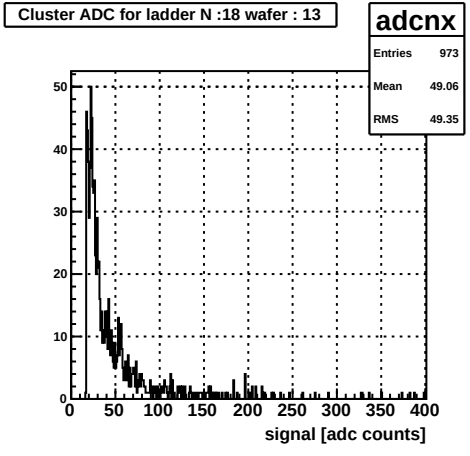

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 2184
Mean 27.77
RMS 32.13
signal [adc counts]

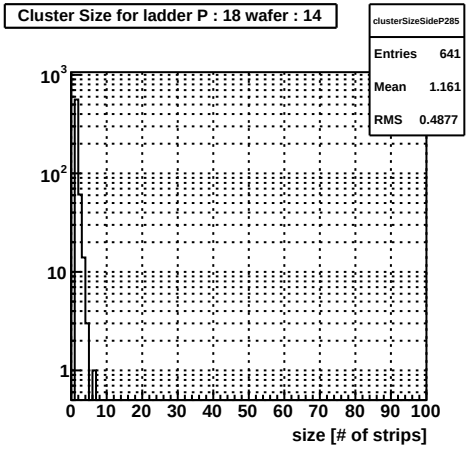

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 1496
Mean 1.122
RMS 0.491
size [# of strips]

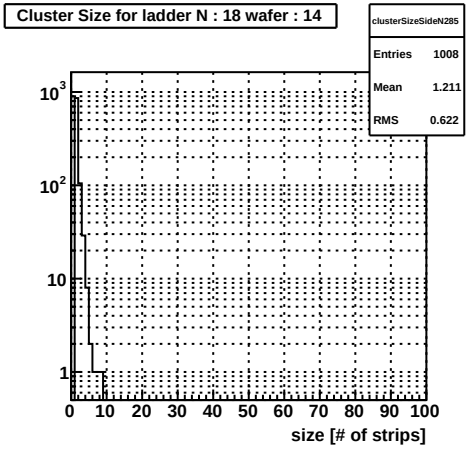

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 973
Mean 1.213
RMS 0.6732
size [# of strips]

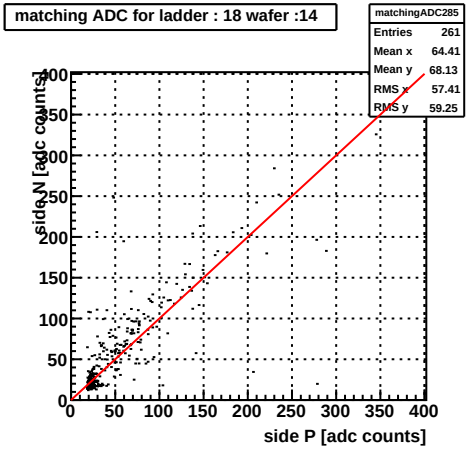

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 177
Mean x 91.02
Mean y 84.6
RMS x 66.02
RMS y 60.27
side N [adc counts]
side P [adc counts]

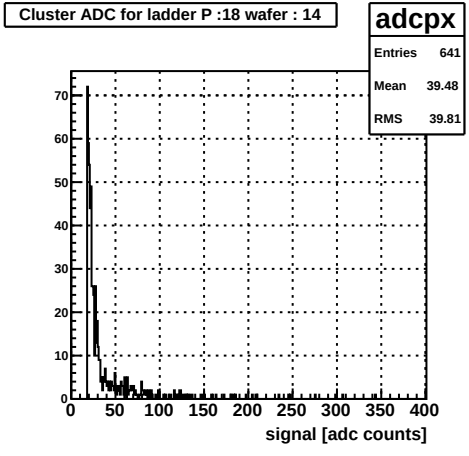

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 1496
Mean 32.05
RMS 35.66
signal [adc counts]

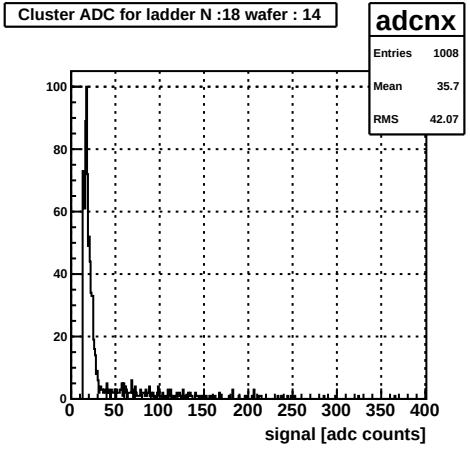

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 973
Mean 49.06
RMS 49.35
signal [adc counts]

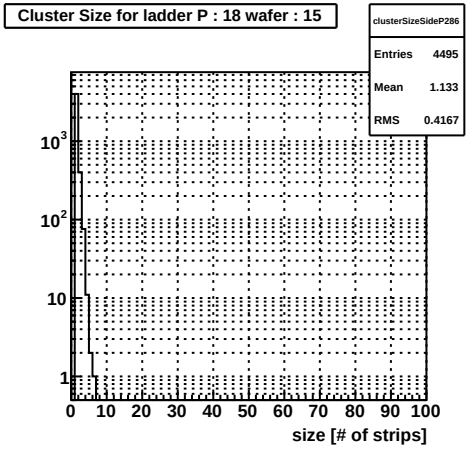

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 641
Mean 1.161
RMS 0.4877
size [# of strips]

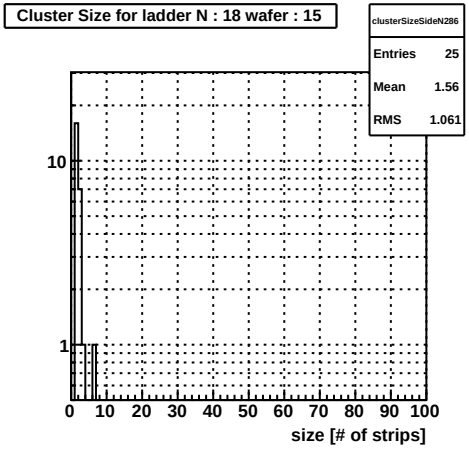

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 1008
Mean 1.211
RMS 0.622
size [# of strips]

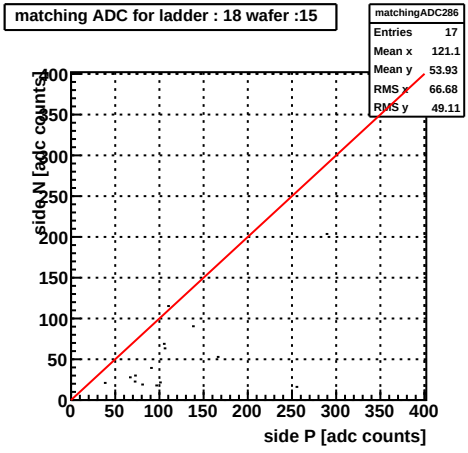

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 261
Mean x 64.41
Mean y 68.13
RMS x 57.41
RMS y 59.25
side N [adc counts]
side P [adc counts]

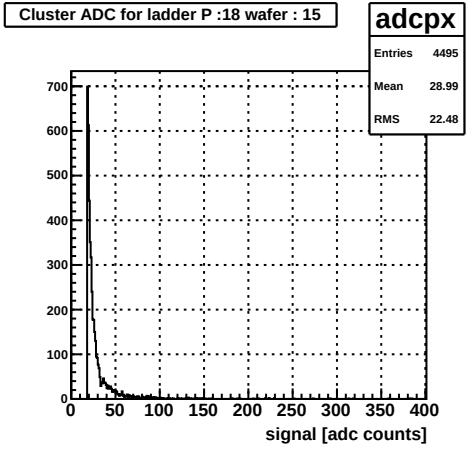

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 641
Mean 39.48
RMS 39.81
signal [adc counts]

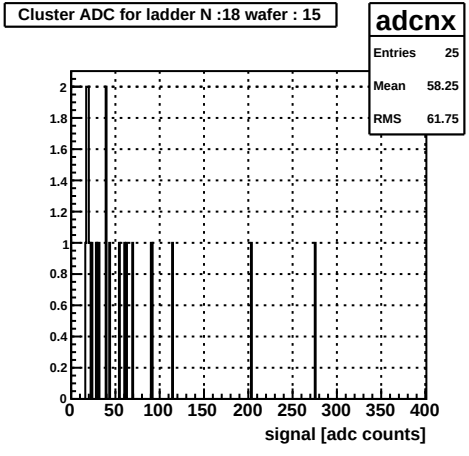

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 1008
Mean 35.7
RMS 42.07
signal [adc counts]

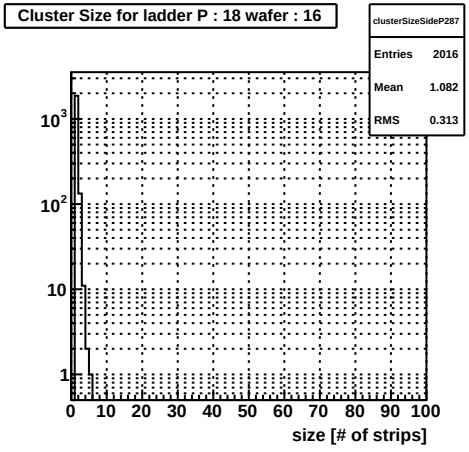

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 4495
Mean 1.133
RMS 0.4167
size [# of strips]

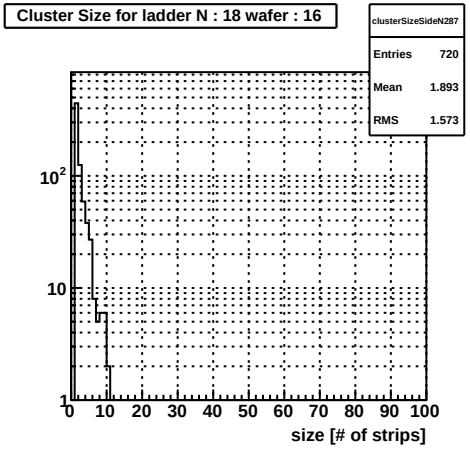

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 25
Mean 1.56
RMS 1.061
size [# of strips]

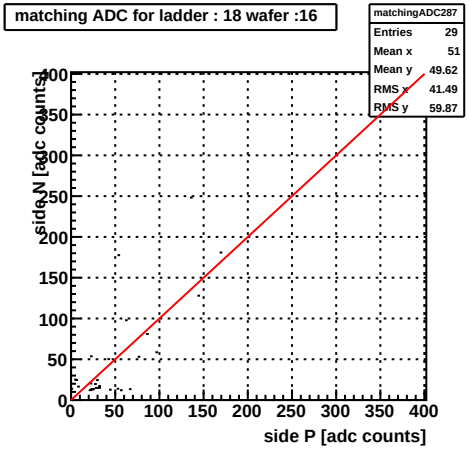

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 17
Mean x 121.1
Mean y 53.93
RMS x 66.68
RMS y 49.11
side N [adc counts]
side P [adc counts]

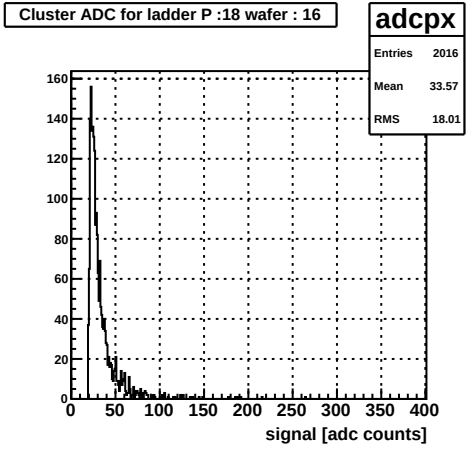

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 4495
Mean 28.99
RMS 22.48
signal [adc counts]

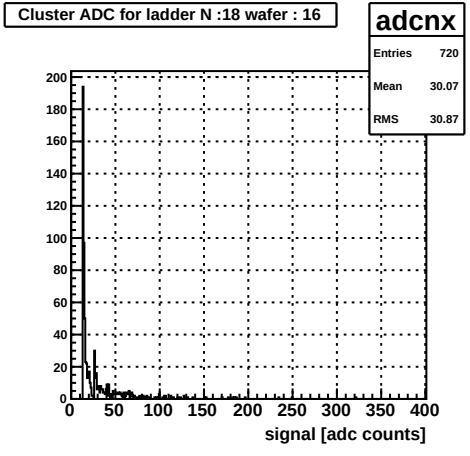

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 25
Mean 58.25
RMS 61.75
signal [adc counts]

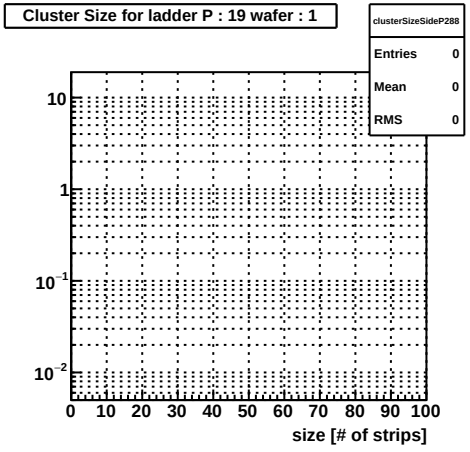

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 2016
Mean 1.082
RMS 0.313
size [# of strips]

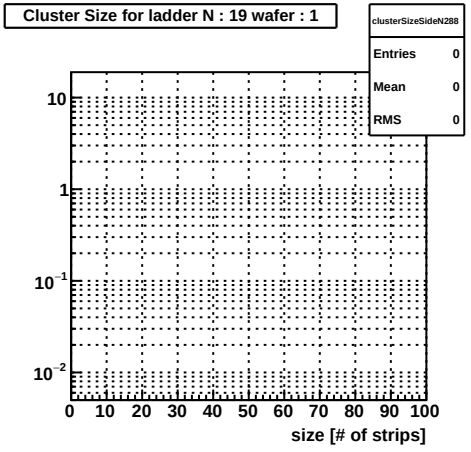

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 720
Mean 1.893
RMS 1.573
size [# of strips]

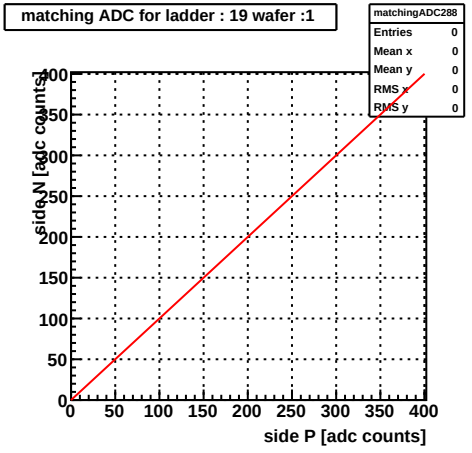

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 29
Mean x 51
Mean y 49.62
RMS x 41.49
RMS y 59.87
side N [adc counts]
side P [adc counts]

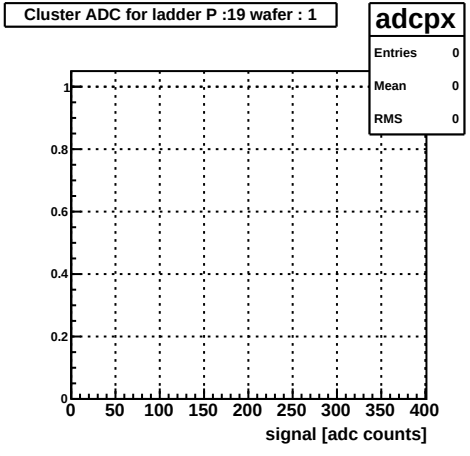

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 2016
Mean 33.57
RMS 18.01
signal [adc counts]

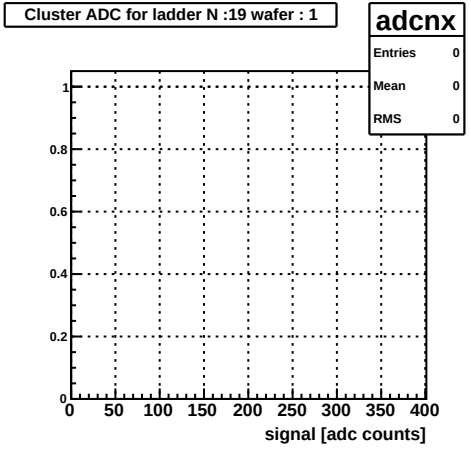

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 720
Mean 30.07
RMS 30.87
signal [adc counts]

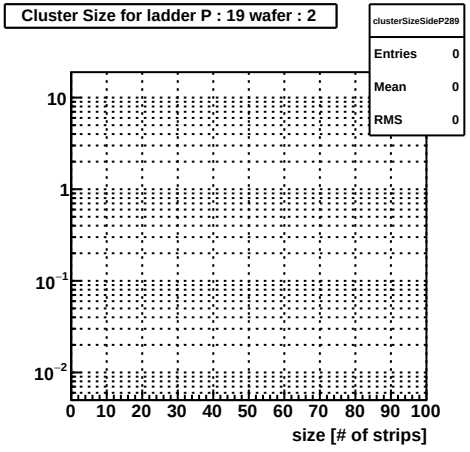

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

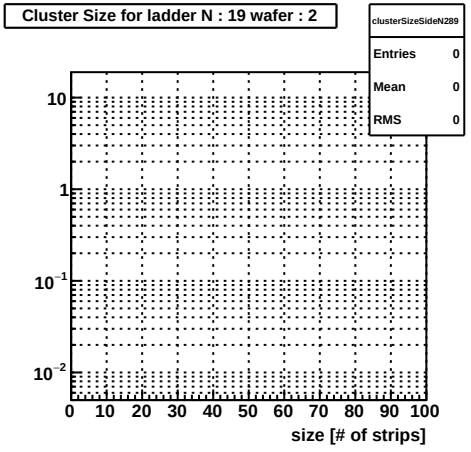

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

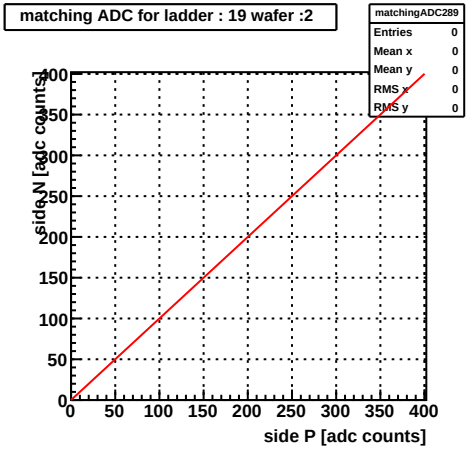

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

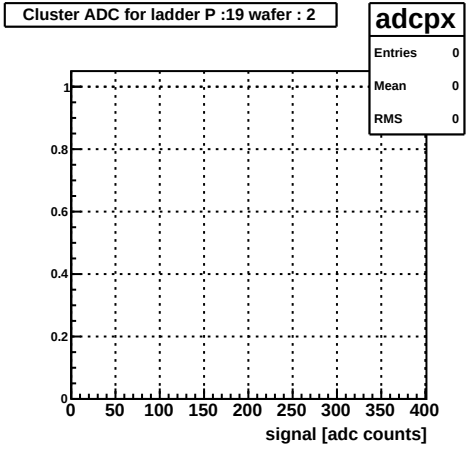

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

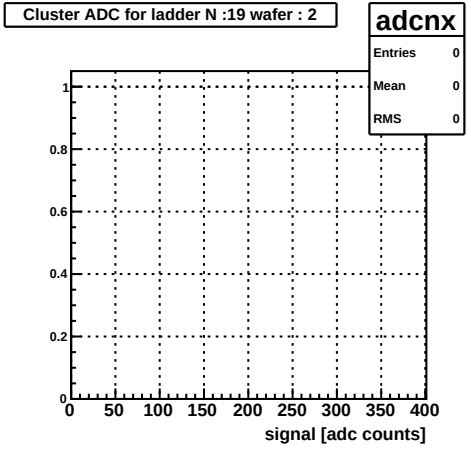

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

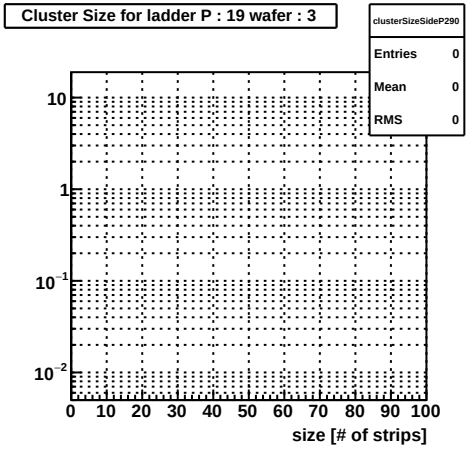

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

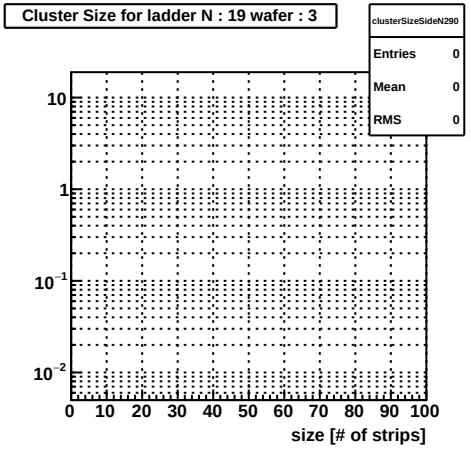

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

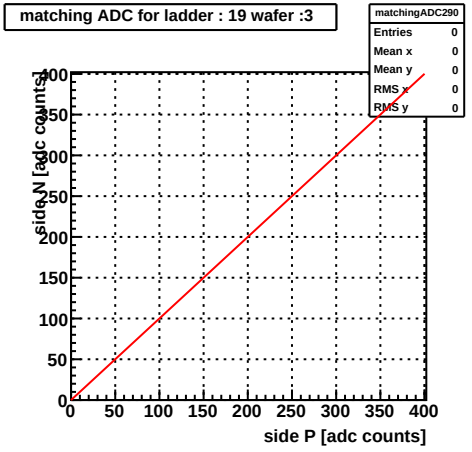

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

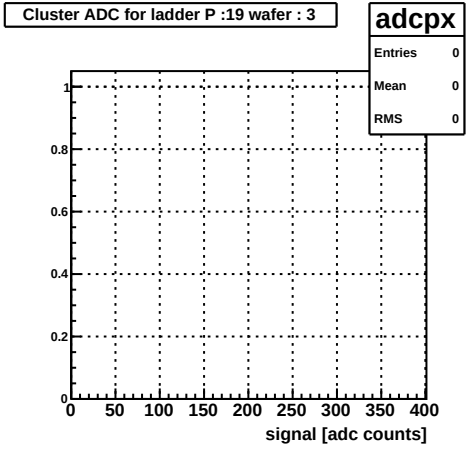

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

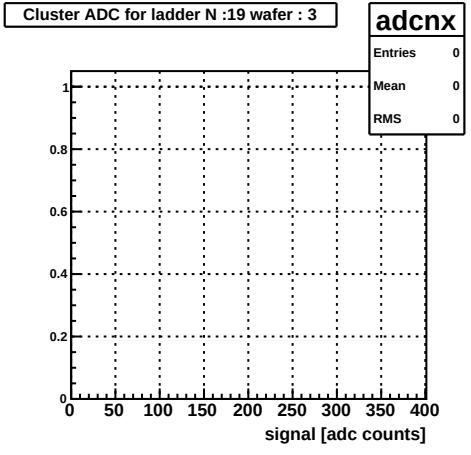

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

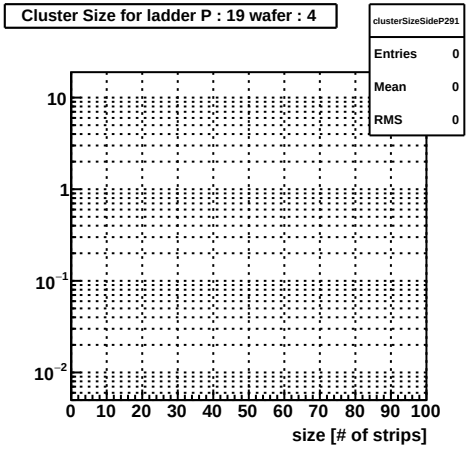

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

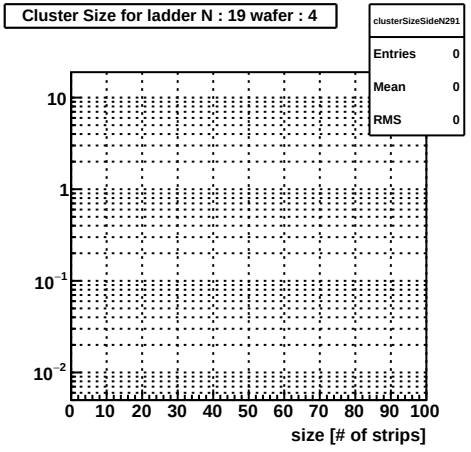

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

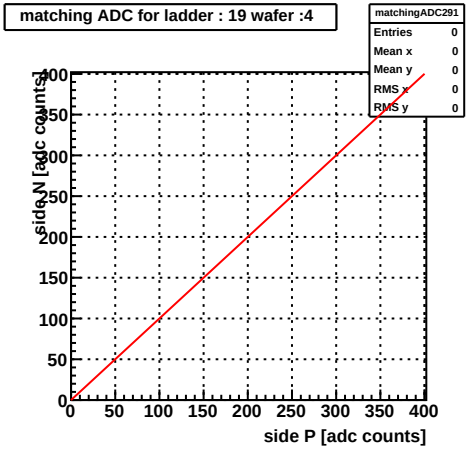

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

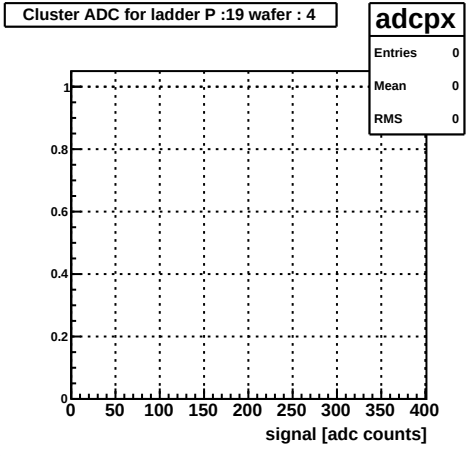

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

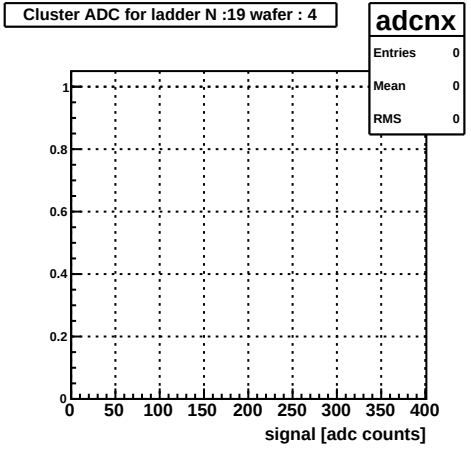

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

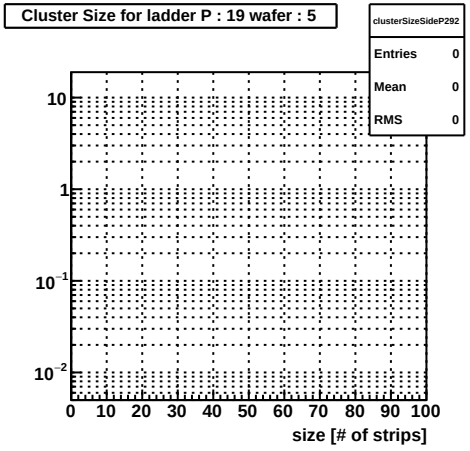

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

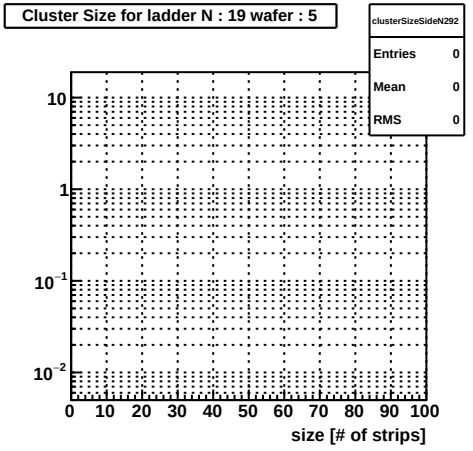

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

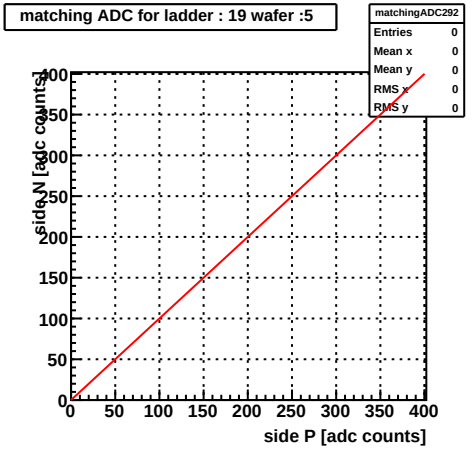

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

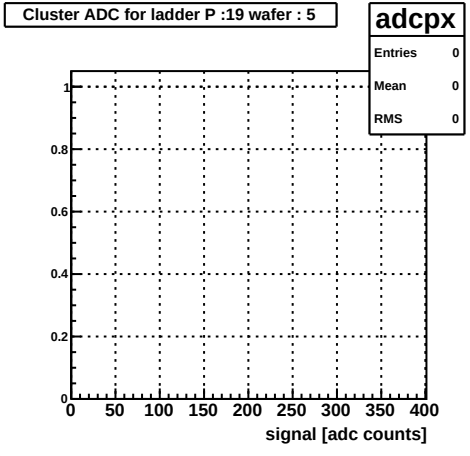

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

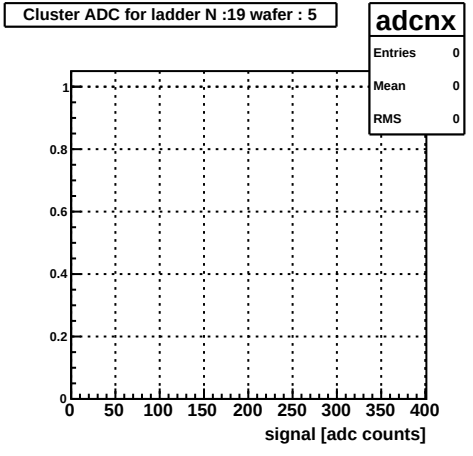

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

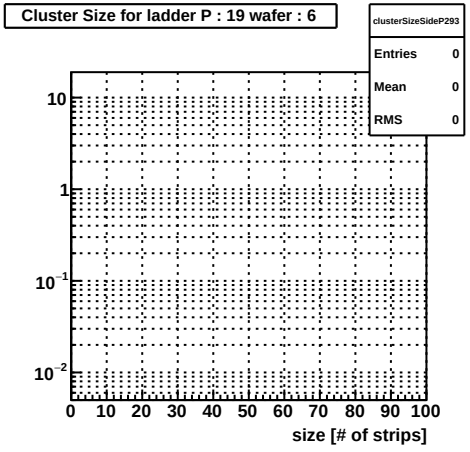

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

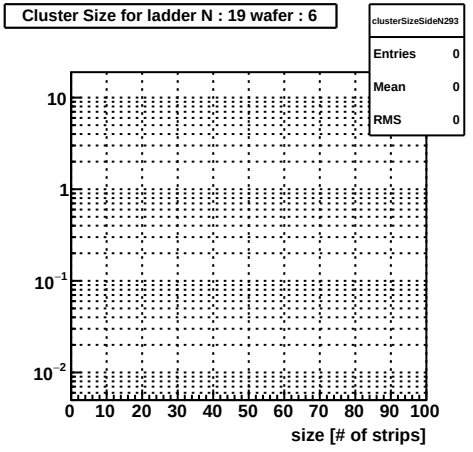

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

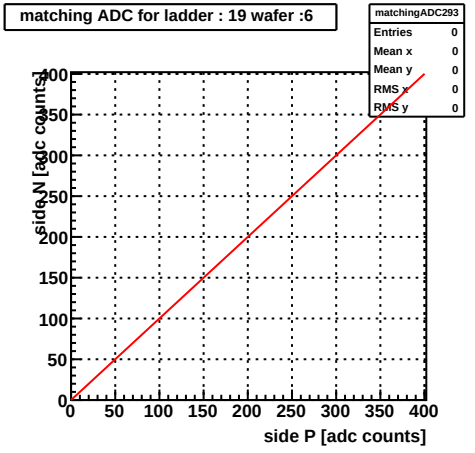

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

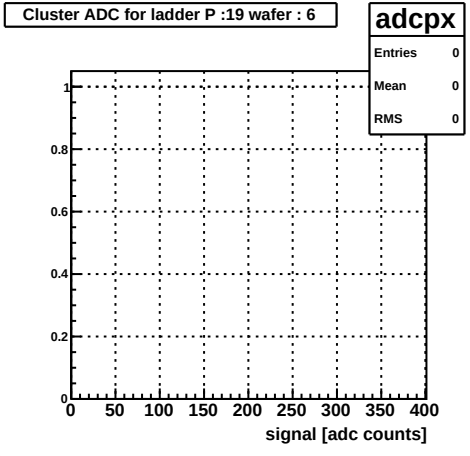

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

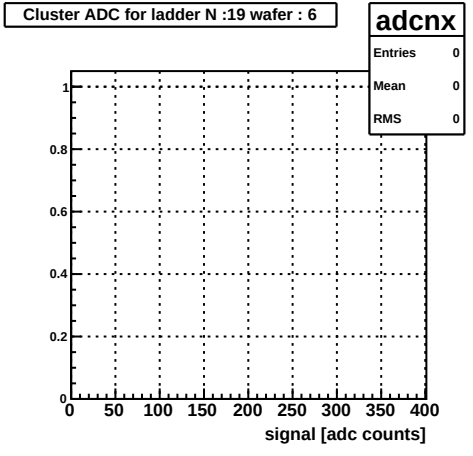

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

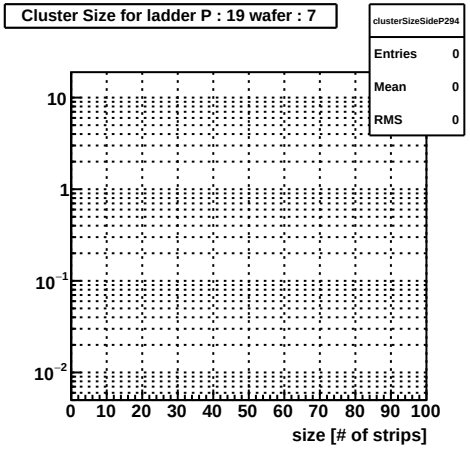

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

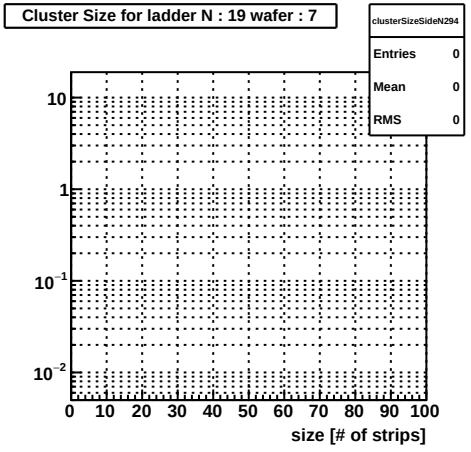

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

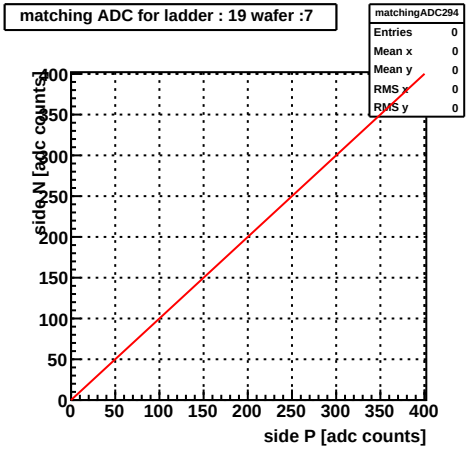

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

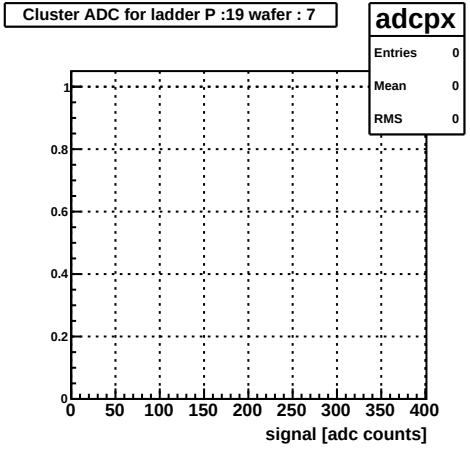

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

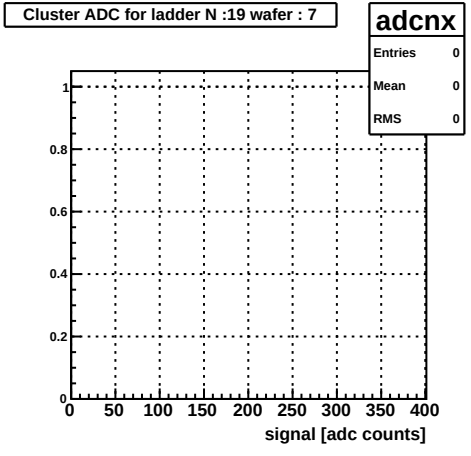

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

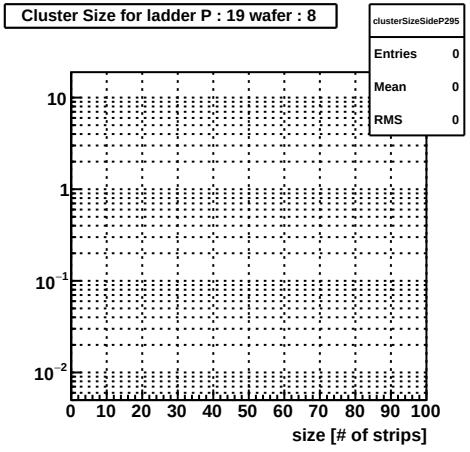

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

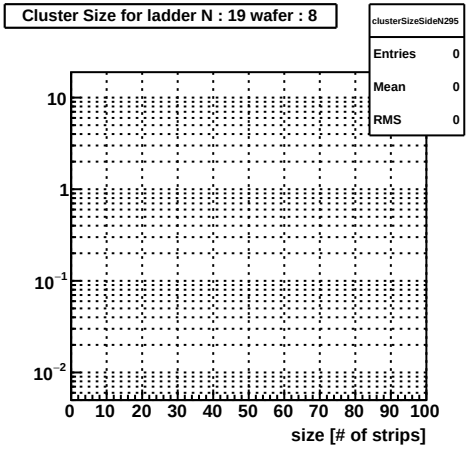

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

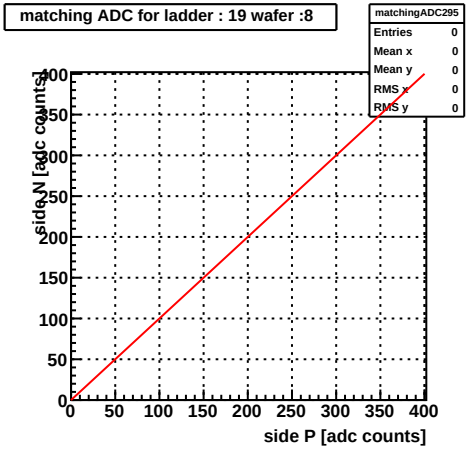

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

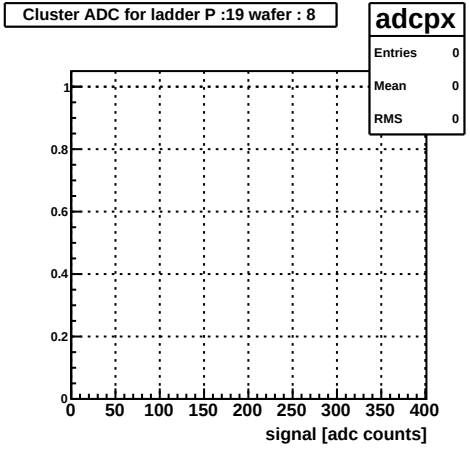

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

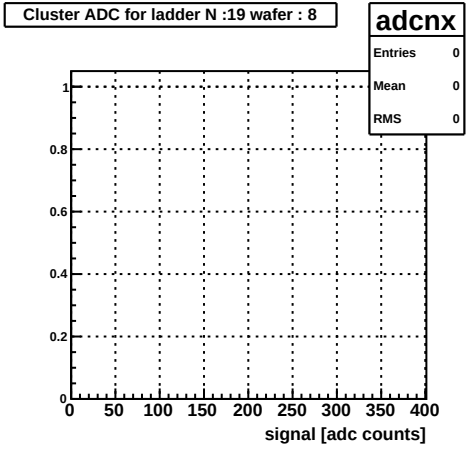

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

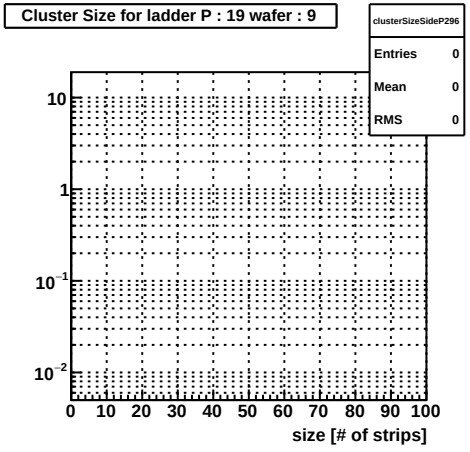

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

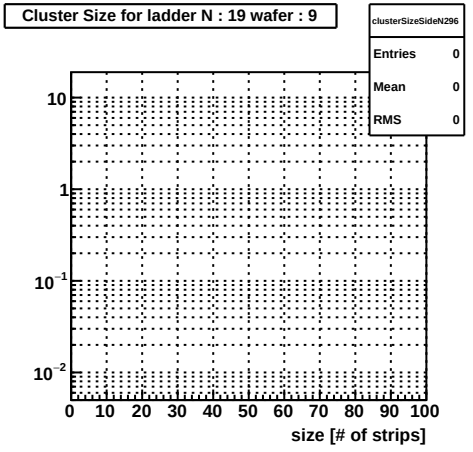

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

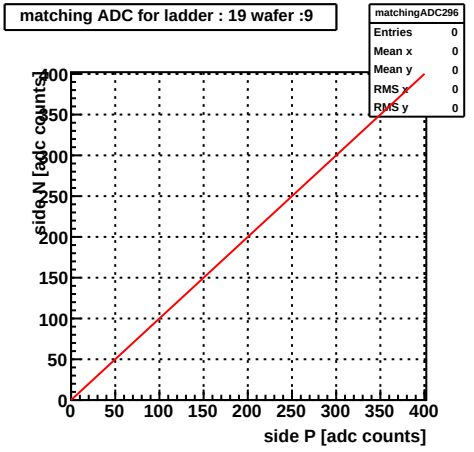

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

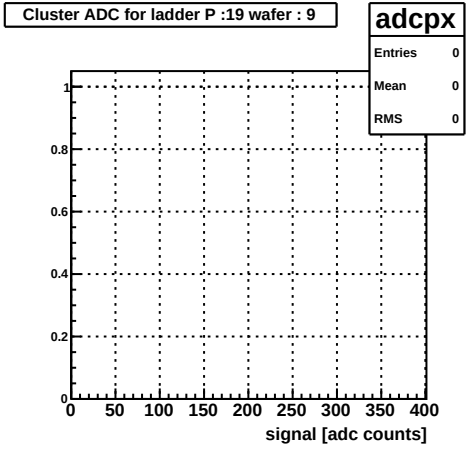

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

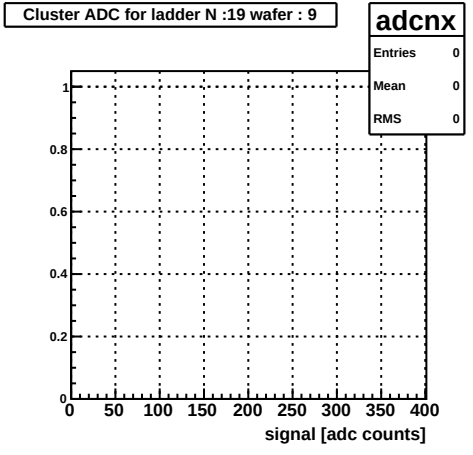

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

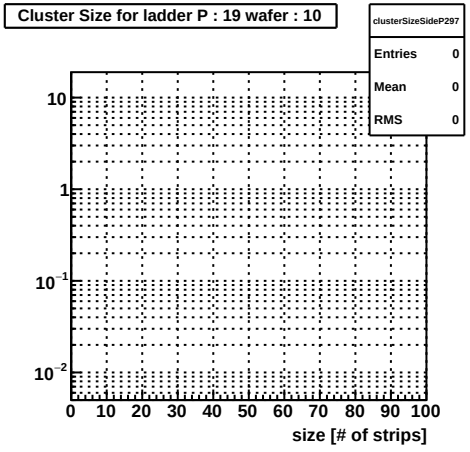

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

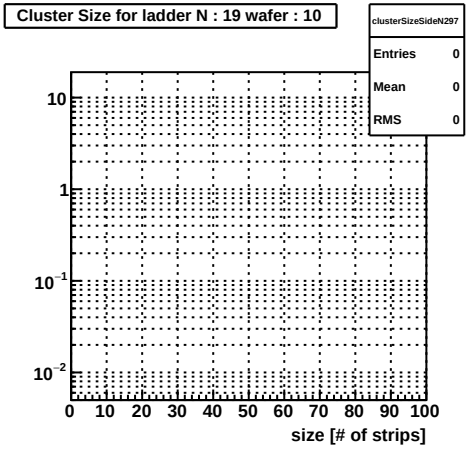

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

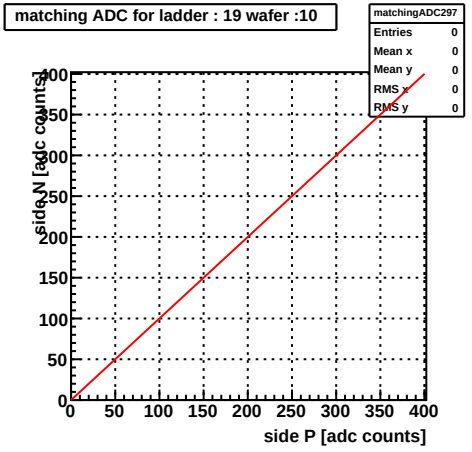

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

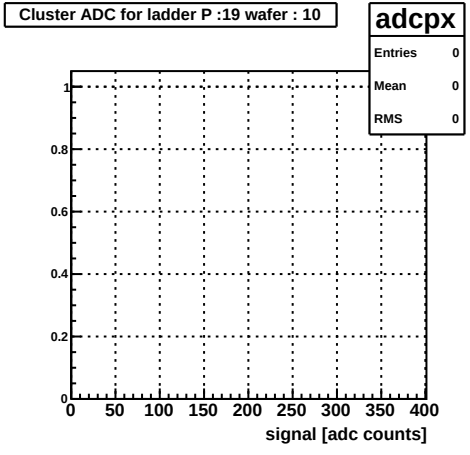

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

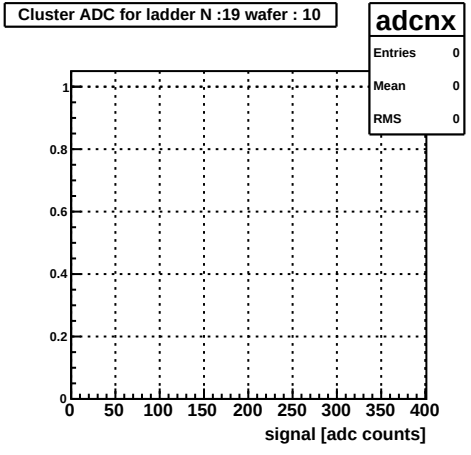

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

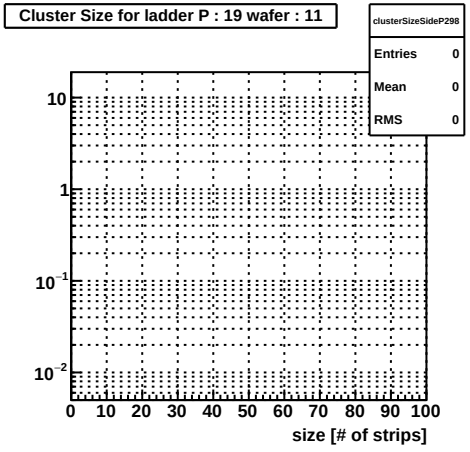

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

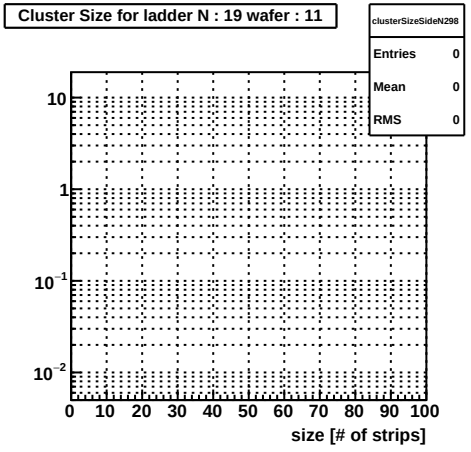

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

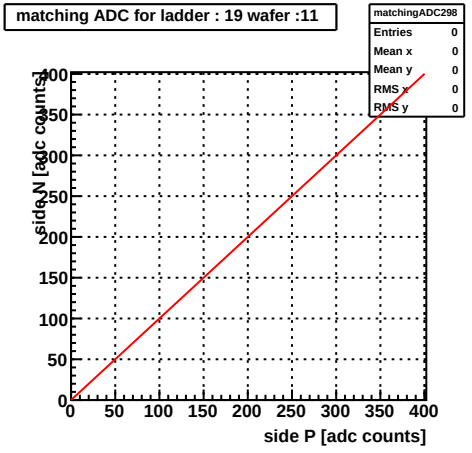

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

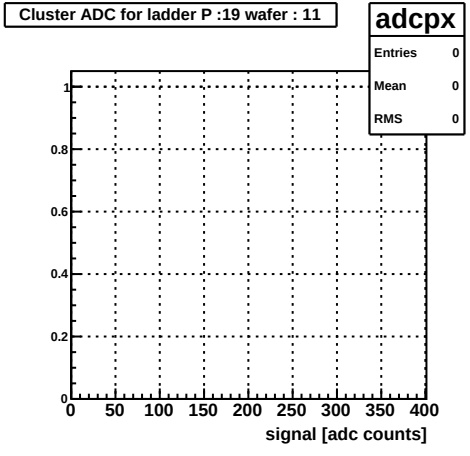

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

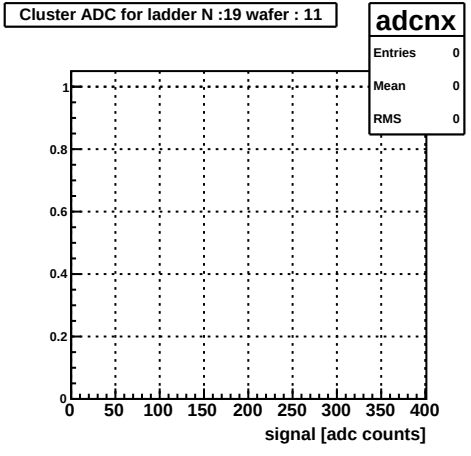

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

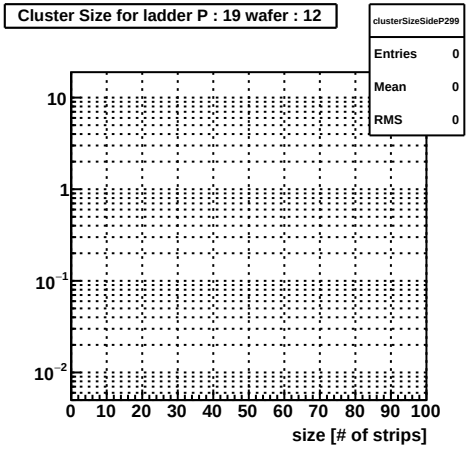

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

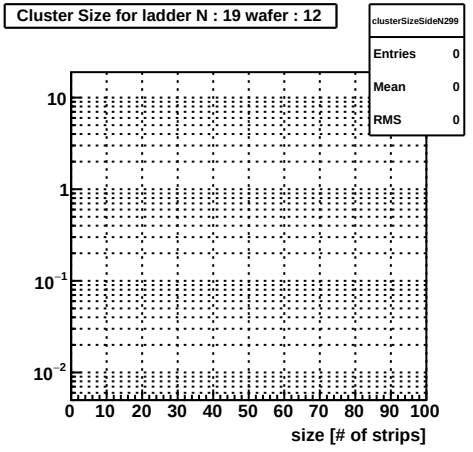

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

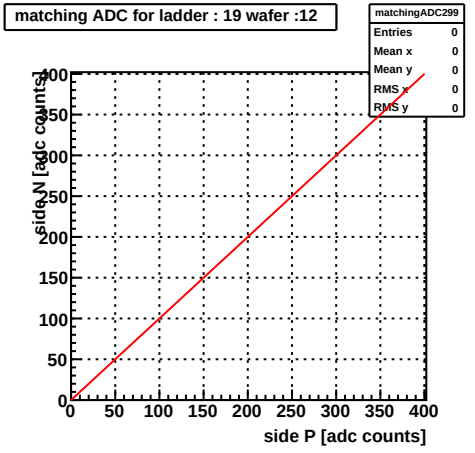

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

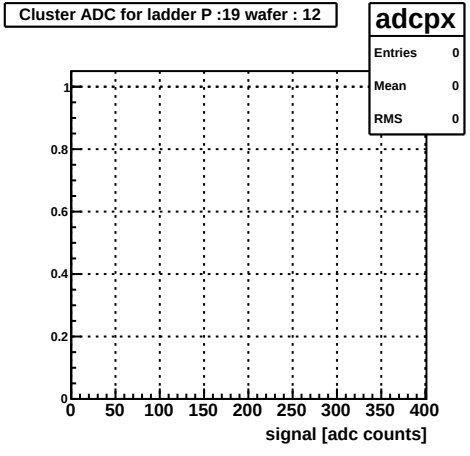

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

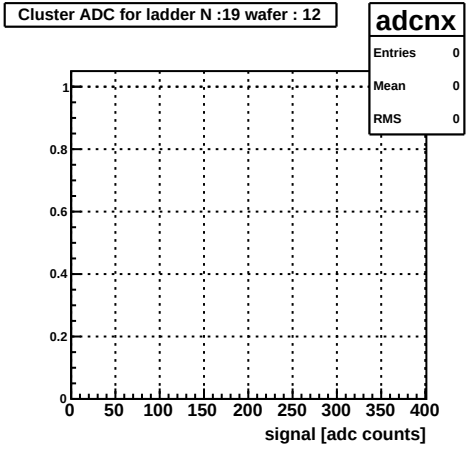

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

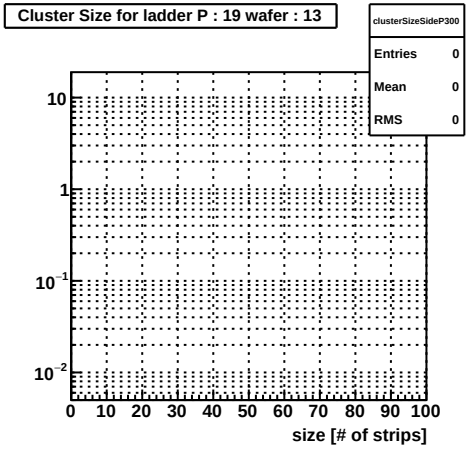

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

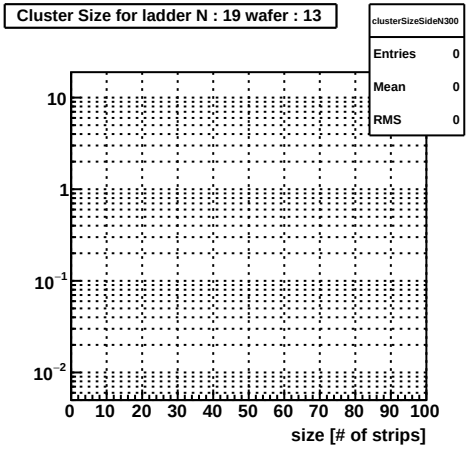

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

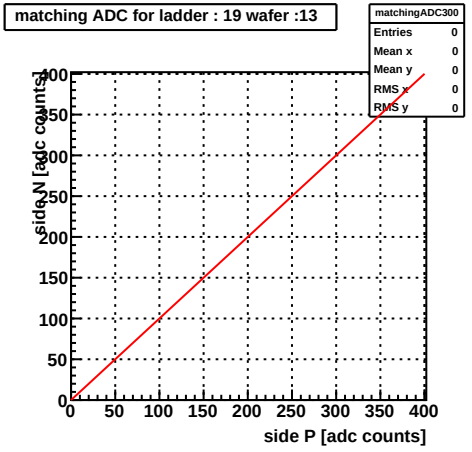

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

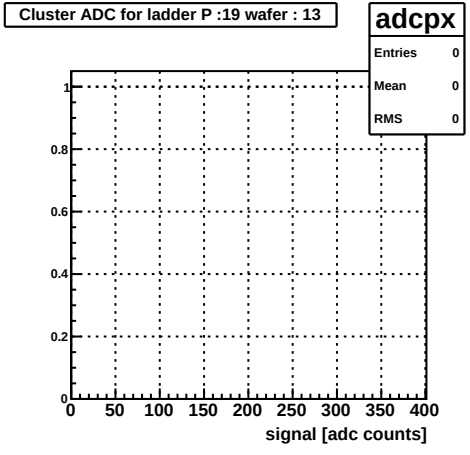

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

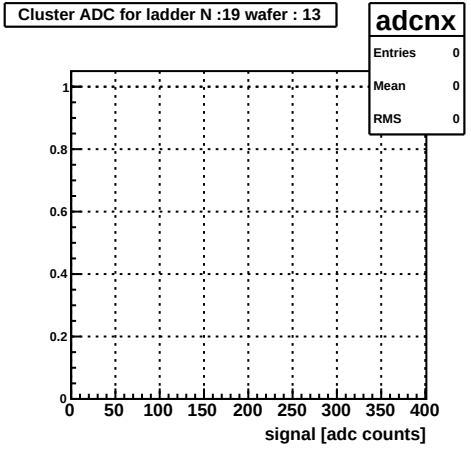

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

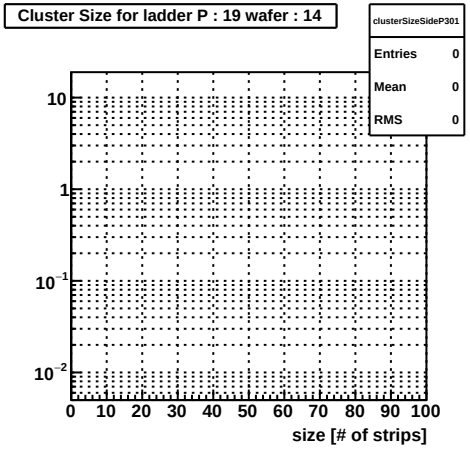

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

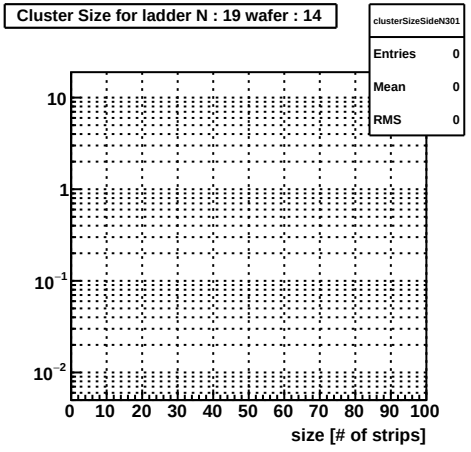

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

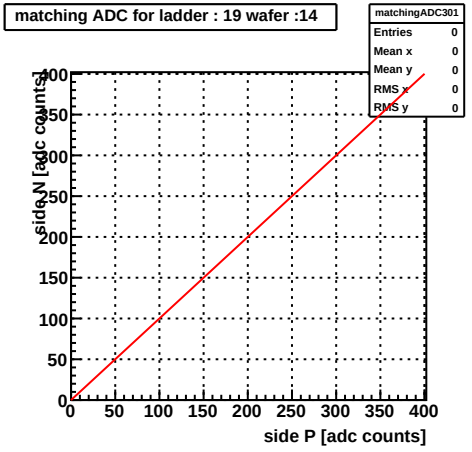

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

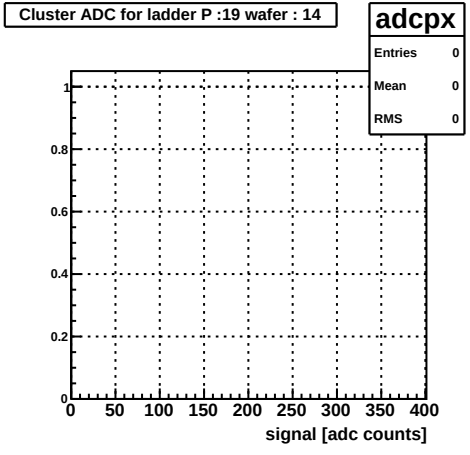

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

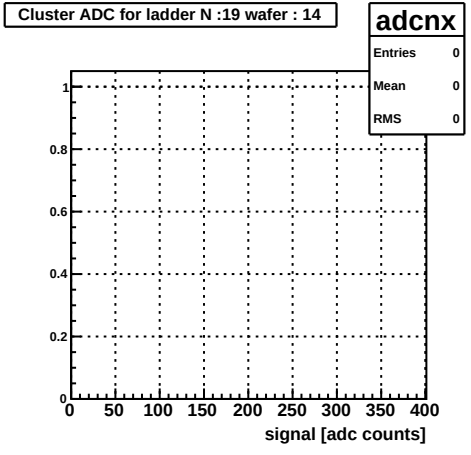

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

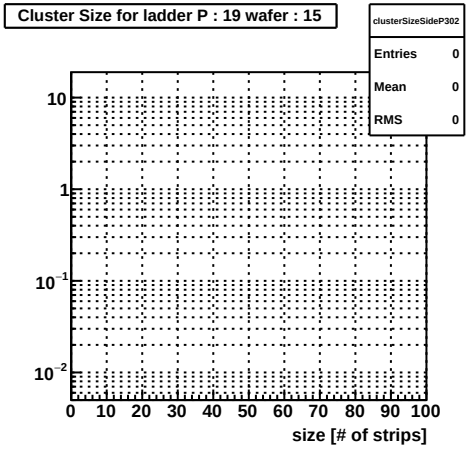

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

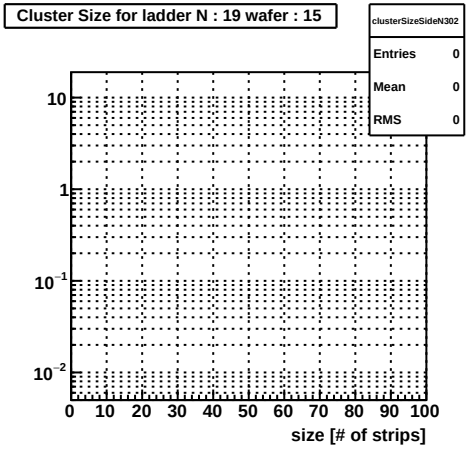

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

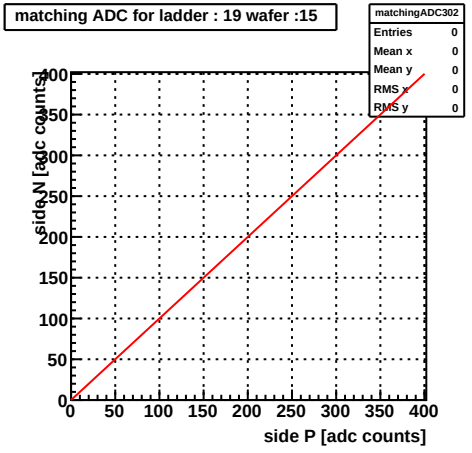

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

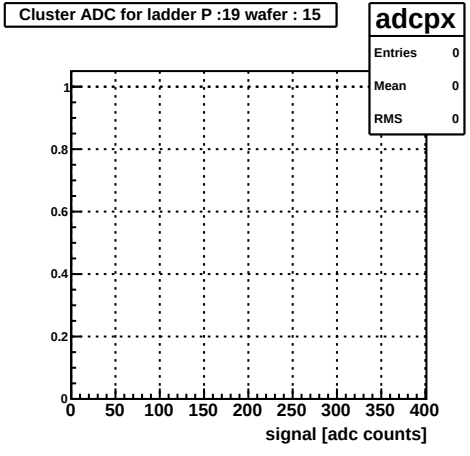

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

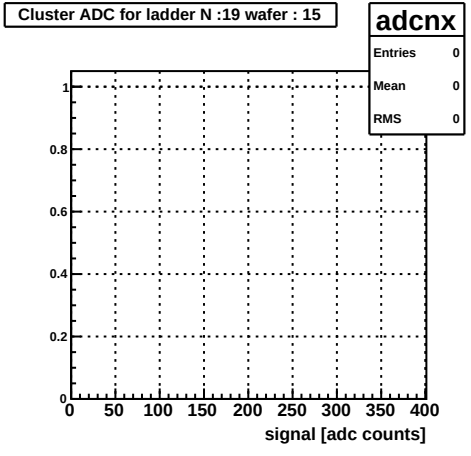

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

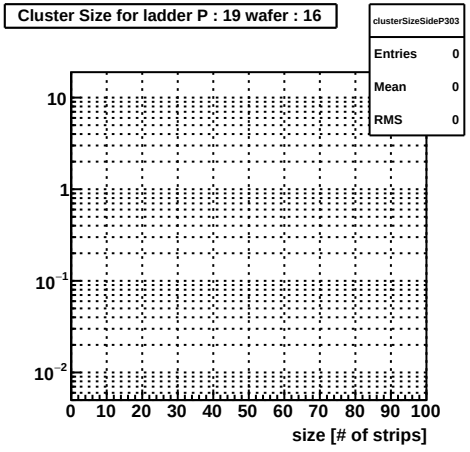

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

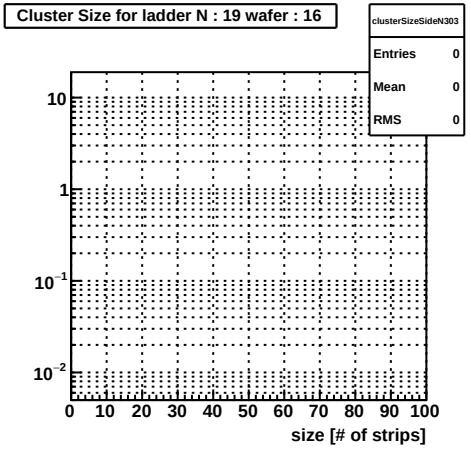

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

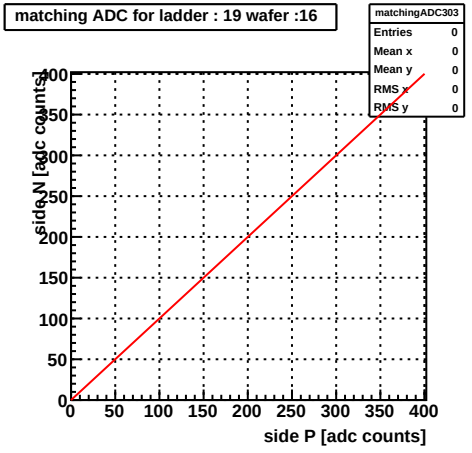

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

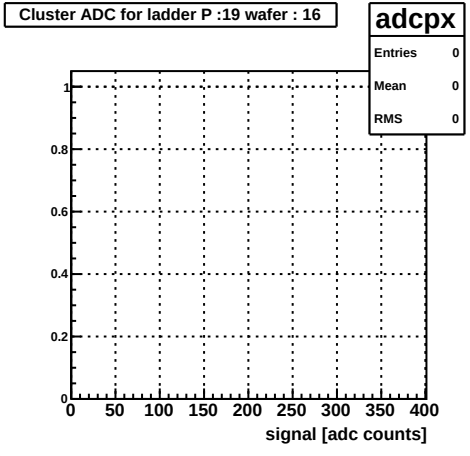

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

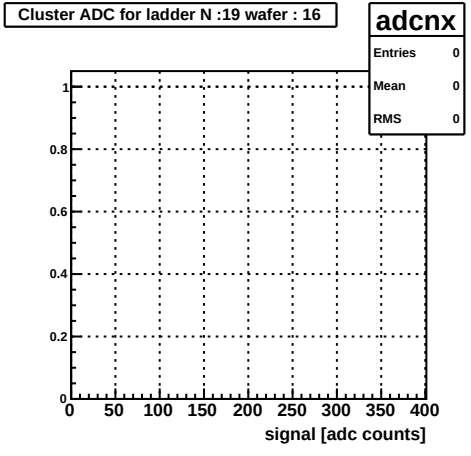

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

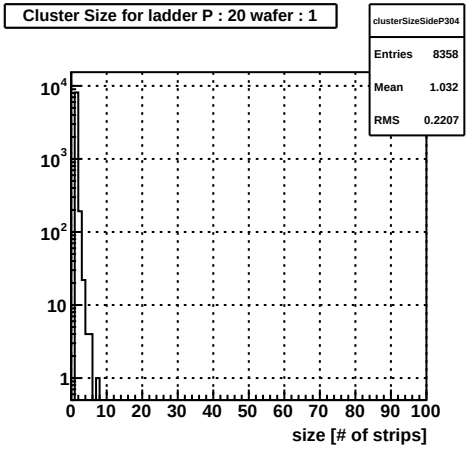

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

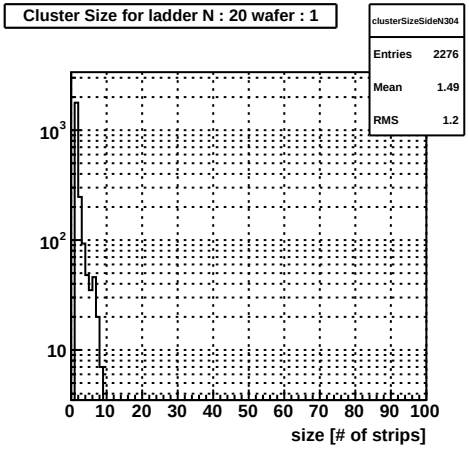

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

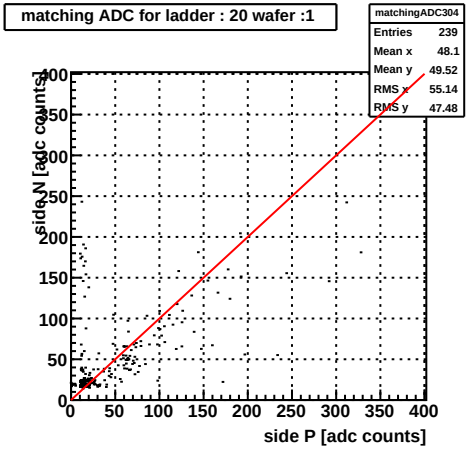

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

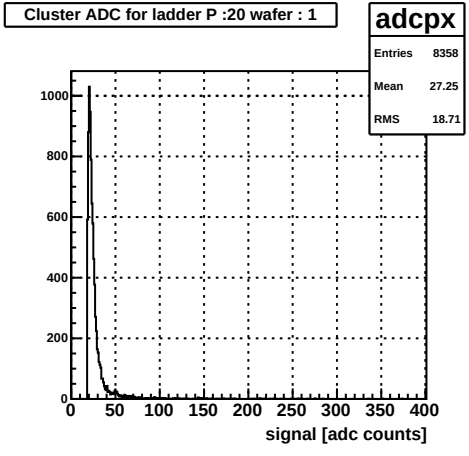

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

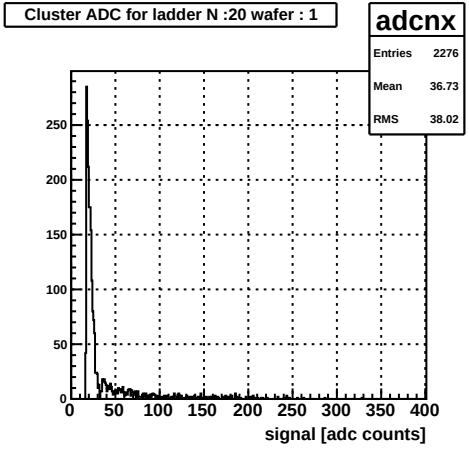

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

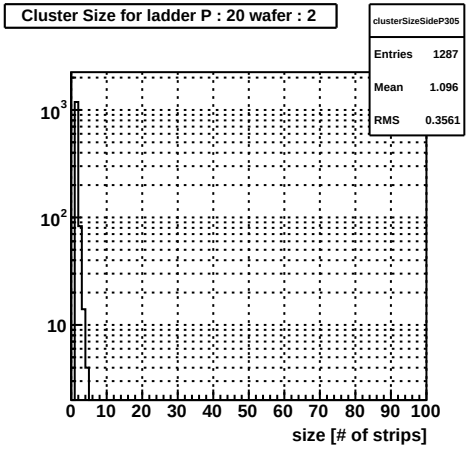

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 8358
Mean 1.032
RMS 0.2207
size [# of strips]

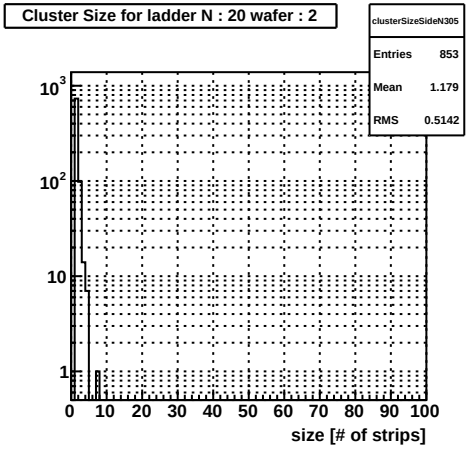

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 2276
Mean 1.49
RMS 1.2
size [# of strips]

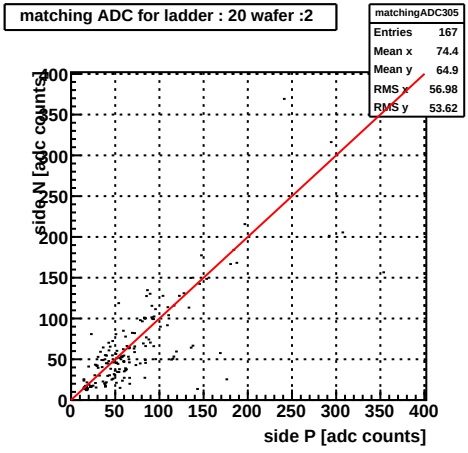

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 239
Mean x 48.1
Mean y 49.52
RMS x 55.14
RMS y 47.48
side N [adc counts]
side P [adc counts]

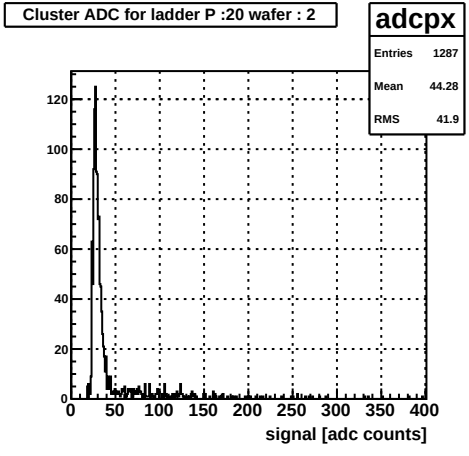

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 8358
Mean 27.25
RMS 18.71
signal [adc counts]

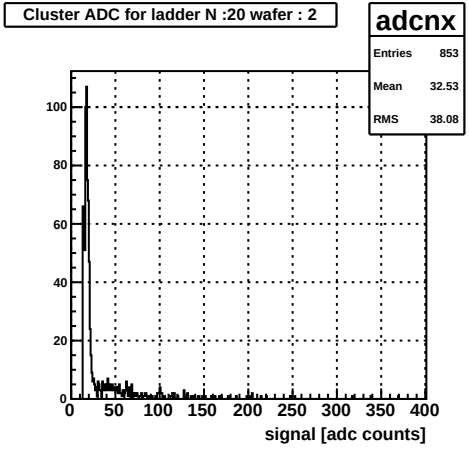

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 2276
Mean 36.73
RMS 38.02
signal [adc counts]

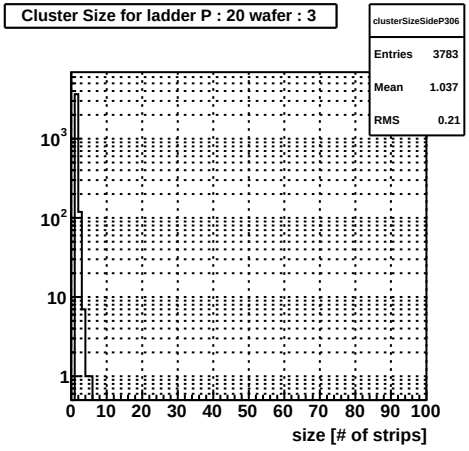

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 1287
Mean 1.096
RMS 0.3561
size [# of strips]

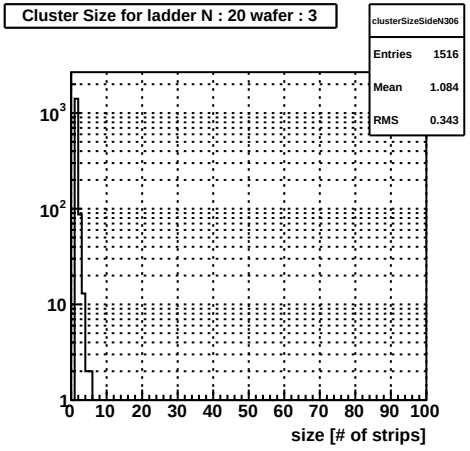

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 853
Mean 1.179
RMS 0.5142
size [# of strips]

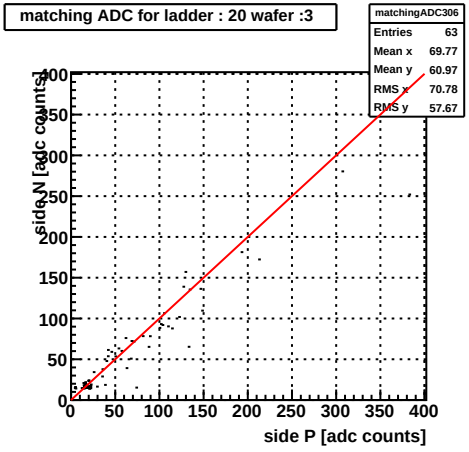

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 167
Mean x 74.4
Mean y 64.9
RMS x 56.98
RMS y 53.62
side N [adc counts]
side P [adc counts]

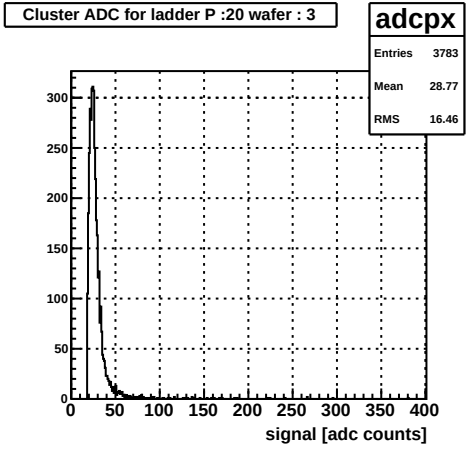

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 1287
Mean 44.28
RMS 41.9
signal [adc counts]

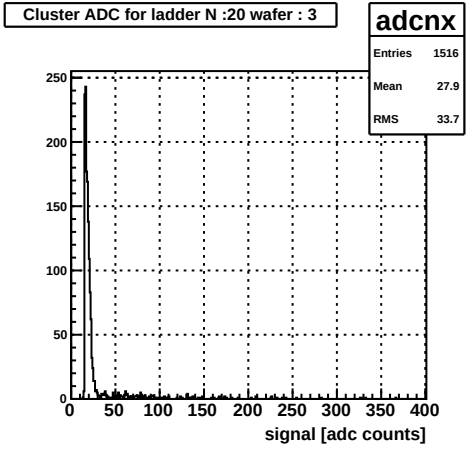

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 853
Mean 32.53
RMS 38.08
signal [adc counts]

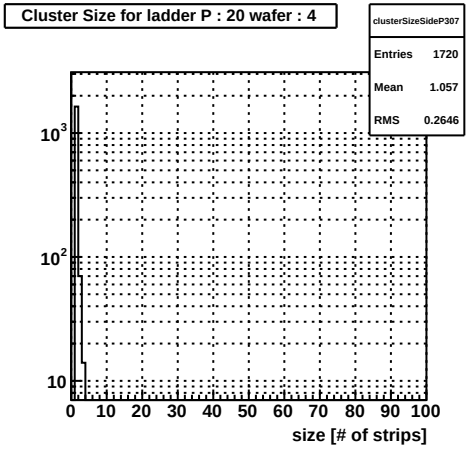

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 3783
Mean 1.037
RMS 0.21
size [# of strips]

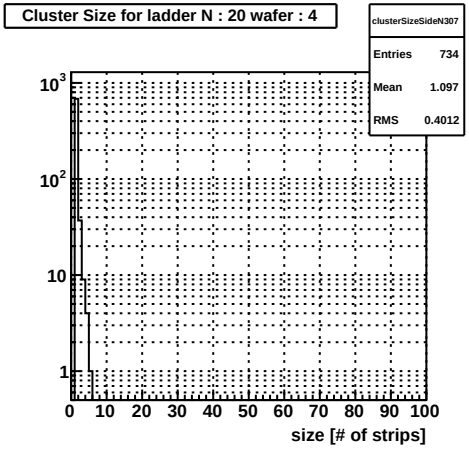

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 1516
Mean 1.084
RMS 0.343
size [# of strips]

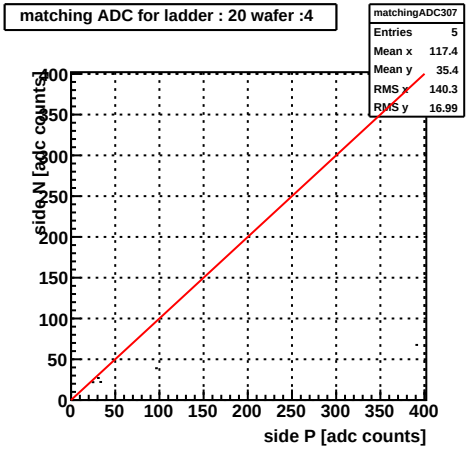

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 63
Mean x 69.77
Mean y 60.97
RMS x 70.78
RMS y 57.67
side N [adc counts]
side P [adc counts]

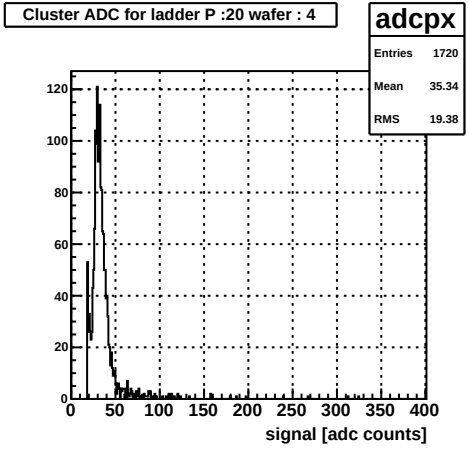

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 3783
Mean 28.77
RMS 16.46
signal [adc counts]

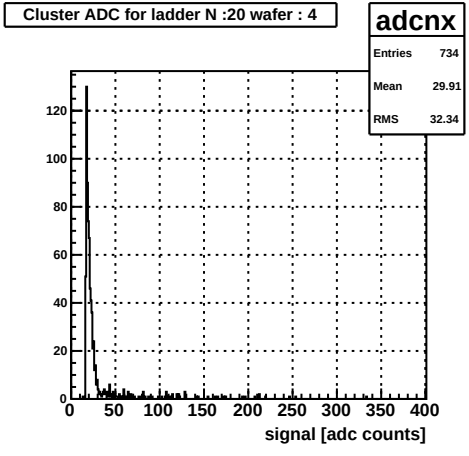

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 1516
Mean 27.9
RMS 33.7
signal [adc counts]

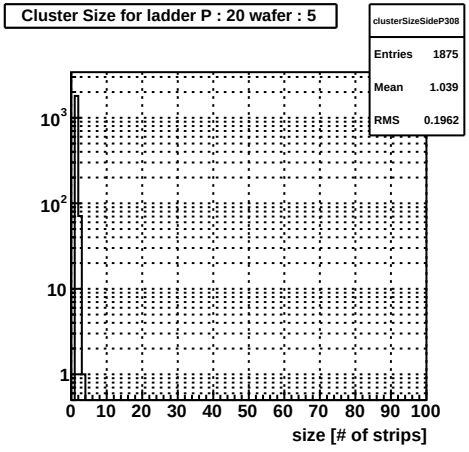

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 1720
Mean 1.057
RMS 0.2646
size [# of strips]

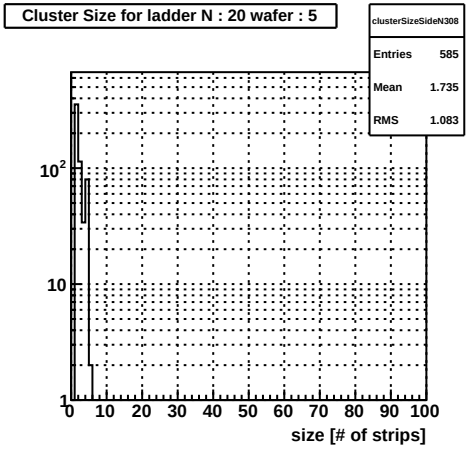

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 734
Mean 1.097
RMS 0.4012
size [# of strips]

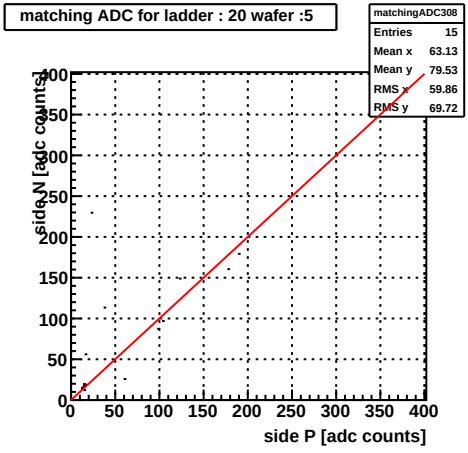

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 5
Mean x 117.4
Mean y 35.4
RMS x 140.3
RMS y 16.99
side N [adc counts]
side P [adc counts]

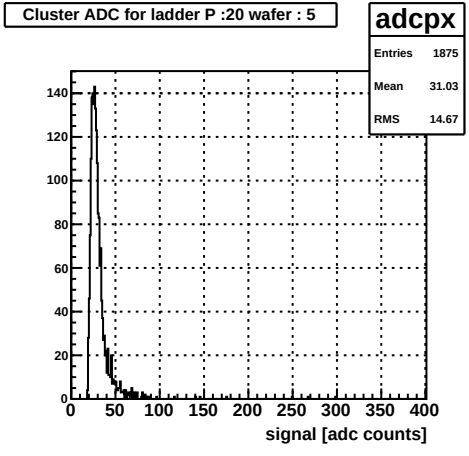

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 1720
Mean 35.34
RMS 19.38
signal [adc counts]

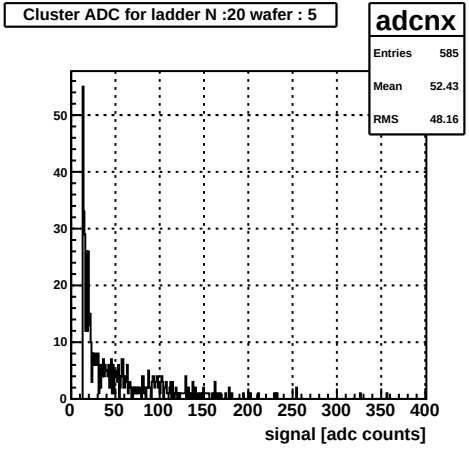

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 734
Mean 29.91
RMS 32.34
signal [adc counts]

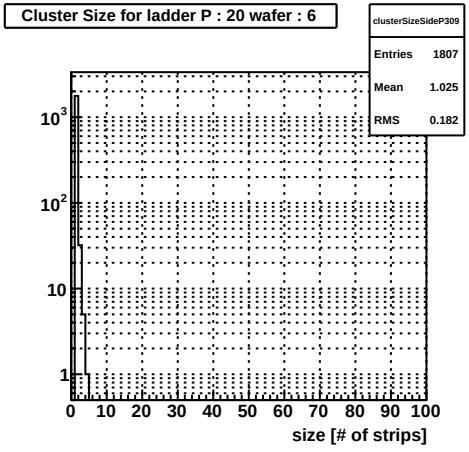

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 1875
Mean 1.039
RMS 0.1962
size [# of strips]

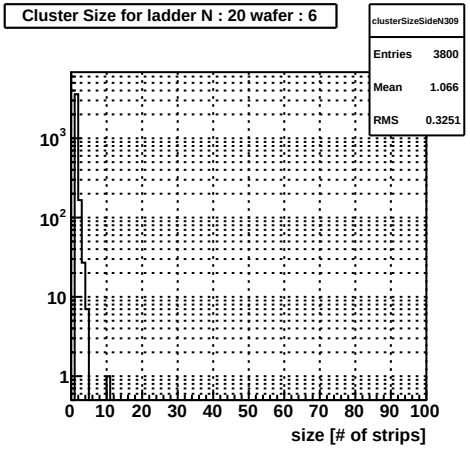

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 585
Mean 1.735
RMS 1.083
size [# of strips]

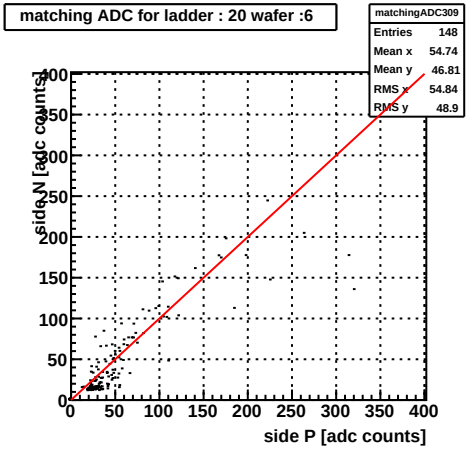

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 15
Mean x 63.13
Mean y 79.53
RMS x 59.86
RMS y 69.72
side N [adc counts]
side P [adc counts]

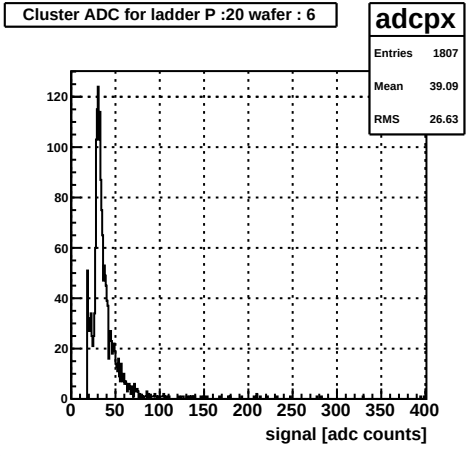

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 1875
Mean 31.03
RMS 14.67
signal [adc counts]

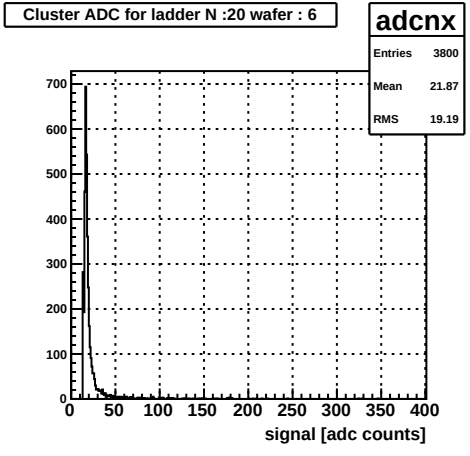

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 585
Mean 52.43
RMS 48.16
signal [adc counts]

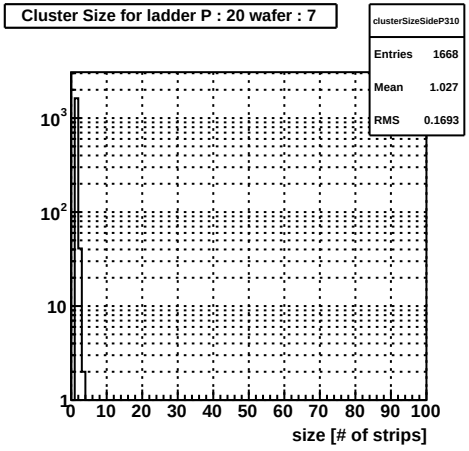

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 1807
Mean 1.025
RMS 0.182
size [# of strips]

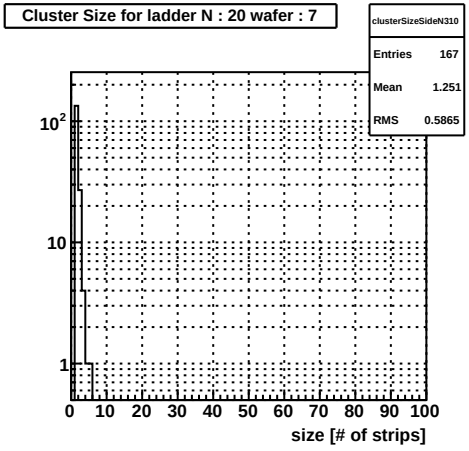

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 3800
Mean 1.066
RMS 0.3251
size [# of strips]

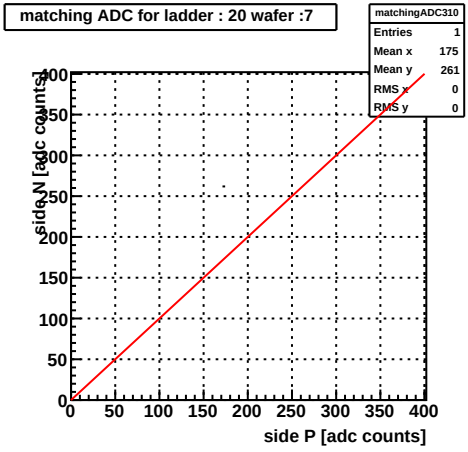

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 148
Mean x 54.74
Mean y 46.81
RMS x 54.84
RMS y 48.9
side N [adc counts]
side P [adc counts]

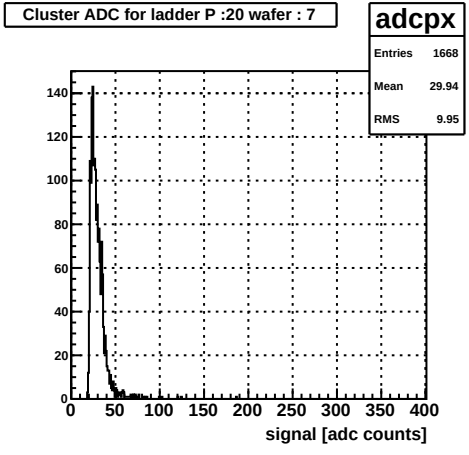

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 1807
Mean 39.09
RMS 26.63
signal [adc counts]

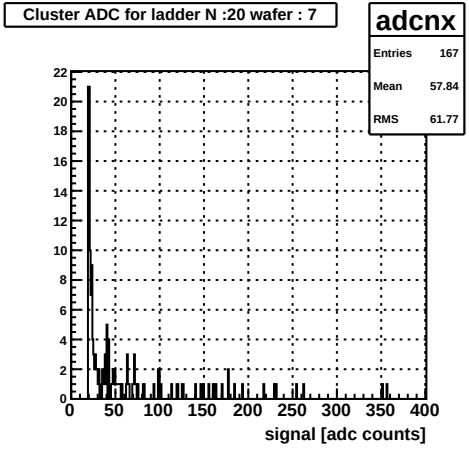

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 3800
Mean 21.87
RMS 19.19
signal [adc counts]

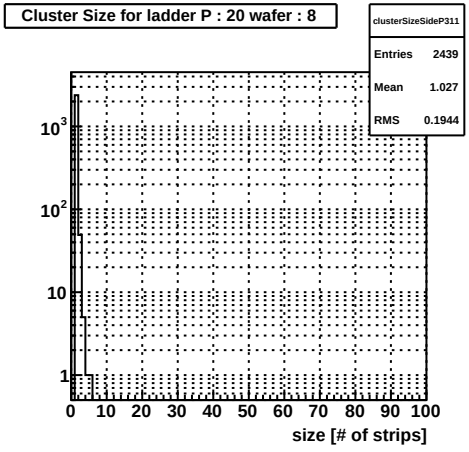

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 1668
Mean 1.027
RMS 0.1693
size [# of strips]

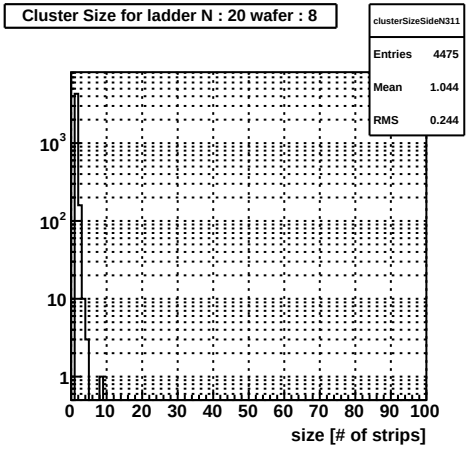

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 167
Mean 1.251
RMS 0.5865
size [# of strips]

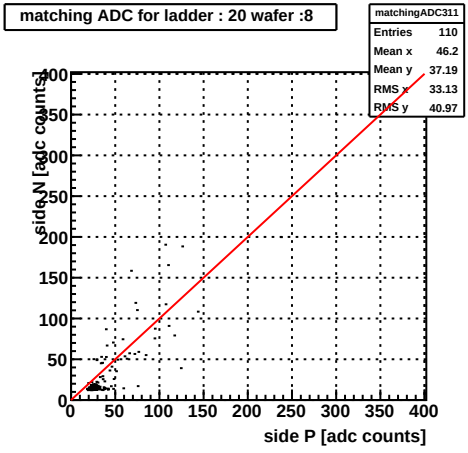

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 1
Mean x 175
Mean y 261
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

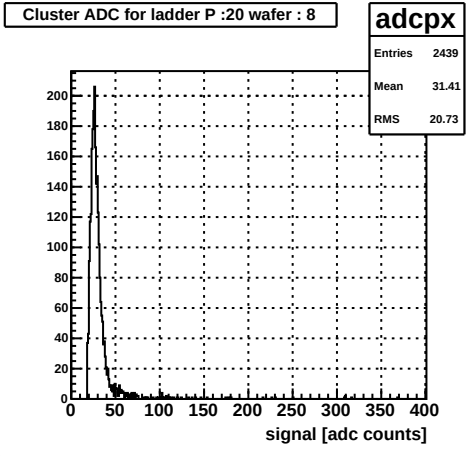

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 1668
Mean 29.94
RMS 9.95
signal [adc counts]

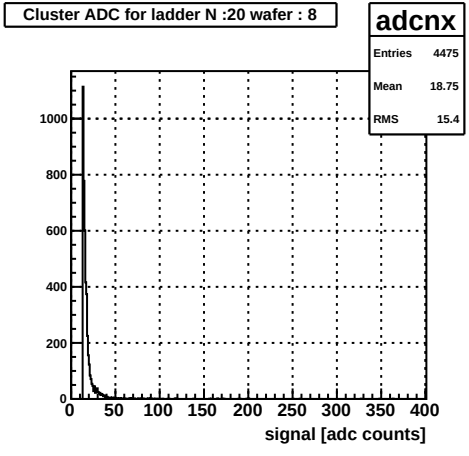

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 167
Mean 57.84
RMS 61.77
signal [adc counts]

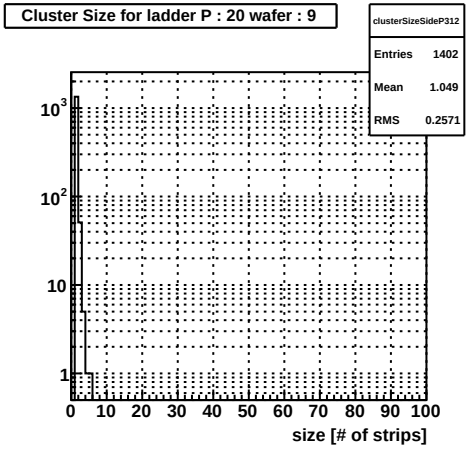

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 2439
Mean 1.027
RMS 0.1944
size [# of strips]

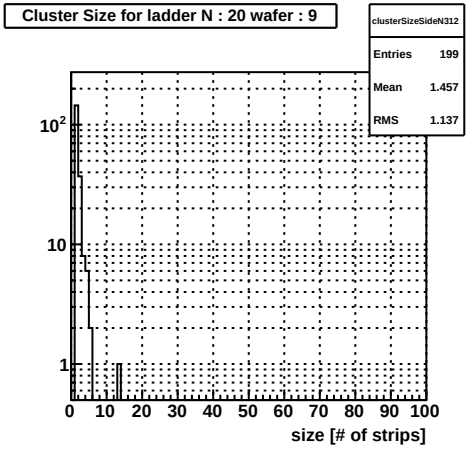

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 4475
Mean 1.044
RMS 0.244
size [# of strips]

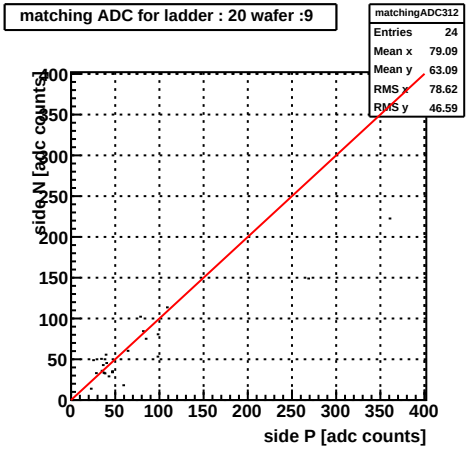

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 110
Mean x 46.2
Mean y 37.19
RMS x 33.13
RMS y 40.97
side N [adc counts]
side P [adc counts]

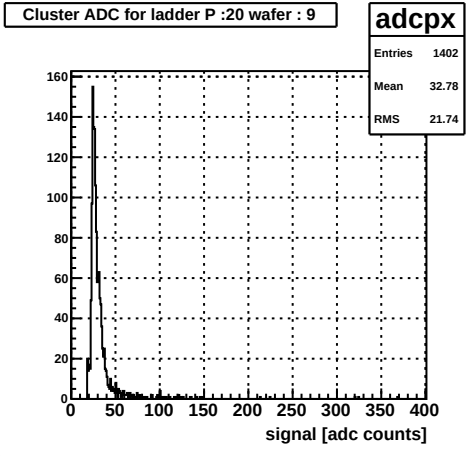

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 2439
Mean 31.41
RMS 20.73
signal [adc counts]

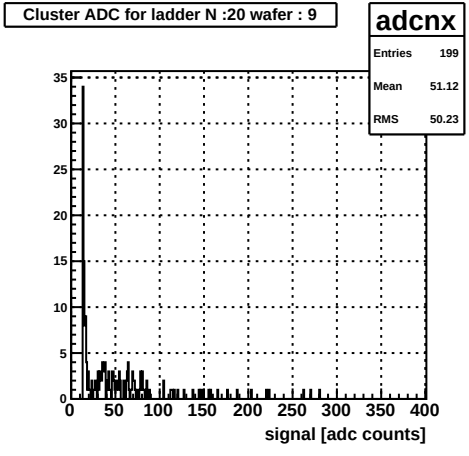

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 4475
Mean 18.75
RMS 15.4
signal [adc counts]

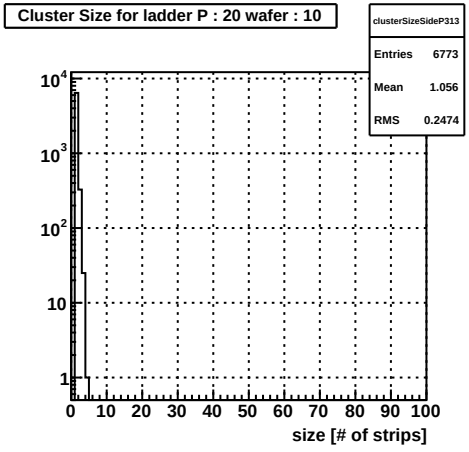

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 1402
Mean 1.049
RMS 0.2571
size [# of strips]

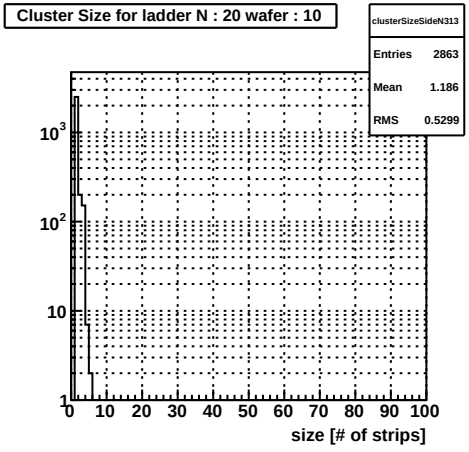

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 199
Mean 1.457
RMS 1.137
size [# of strips]

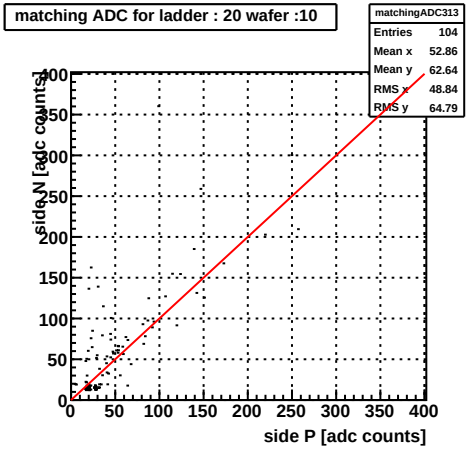

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 24
Mean x 79.09
Mean y 63.09
RMS x 78.62
RMS y 46.59
side N [adc counts]
side P [adc counts]

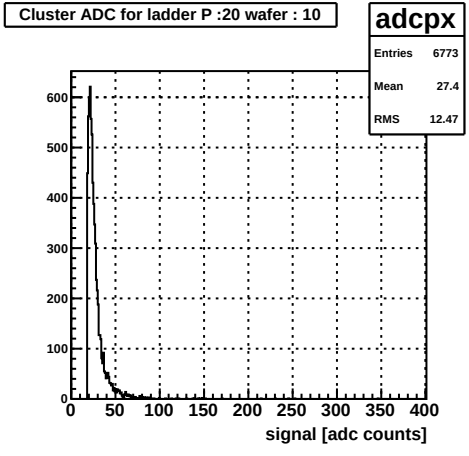

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 1402
Mean 32.78
RMS 21.74
signal [adc counts]

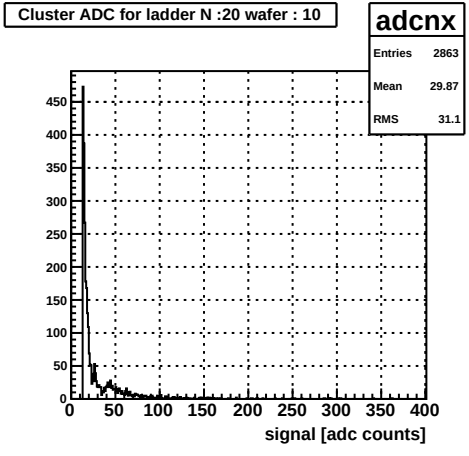

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 199
Mean 51.12
RMS 50.23
signal [adc counts]

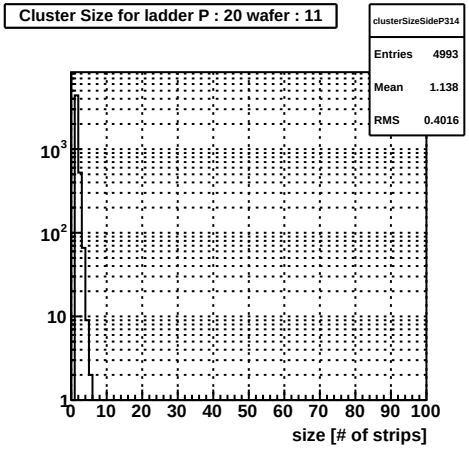

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 6773
Mean 1.056
RMS 0.2474
size [# of strips]

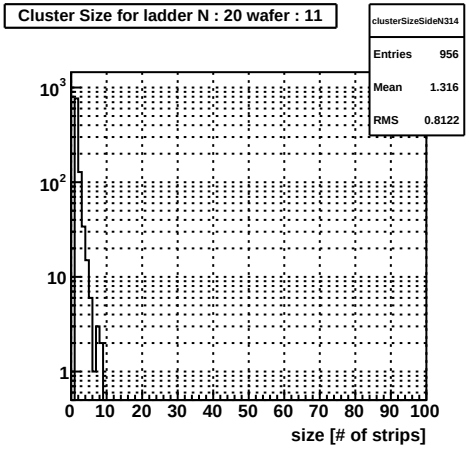

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 2863
Mean 1.186
RMS 0.5299
size [# of strips]

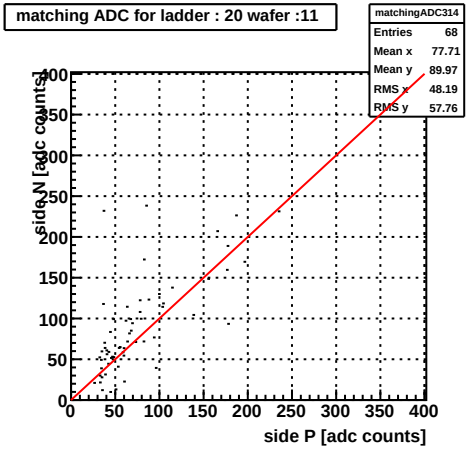

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 104
Mean x 52.86
Mean y 62.64
RMS x 48.84
RMS y 64.79
side N [adc counts]
side P [adc counts]

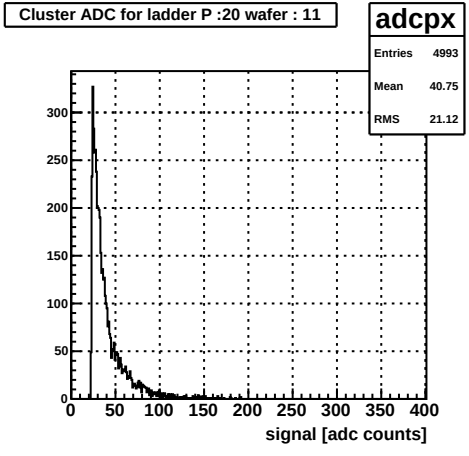

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 6773
Mean 27.4
RMS 12.47
signal [adc counts]

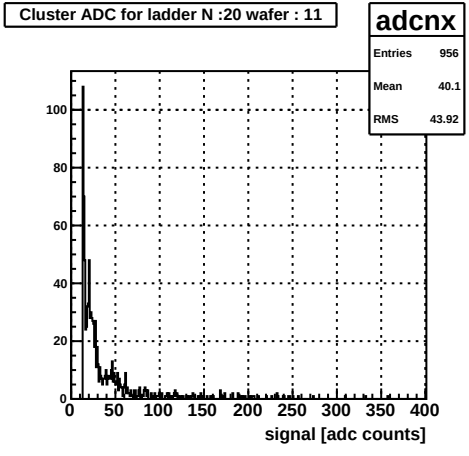

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 2863
Mean 29.87
RMS 31.1
signal [adc counts]

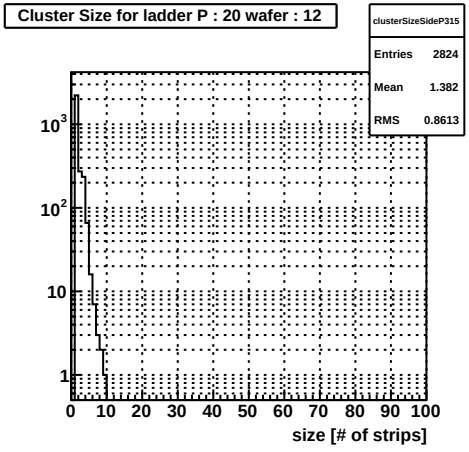

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 4993
Mean 1.138
RMS 0.4016
size [# of strips]

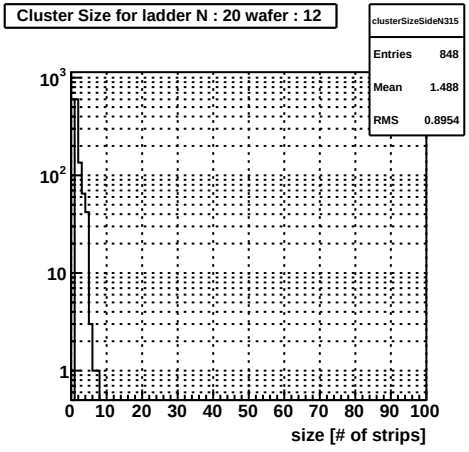

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 956
Mean 1.316
RMS 0.8122
size [# of strips]

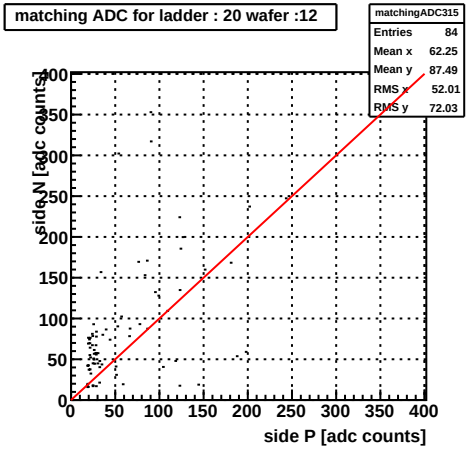

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 68
Mean x 77.71
Mean y 89.97
RMS x 48.19
RMS y 57.76
side N [adc counts]
side P [adc counts]

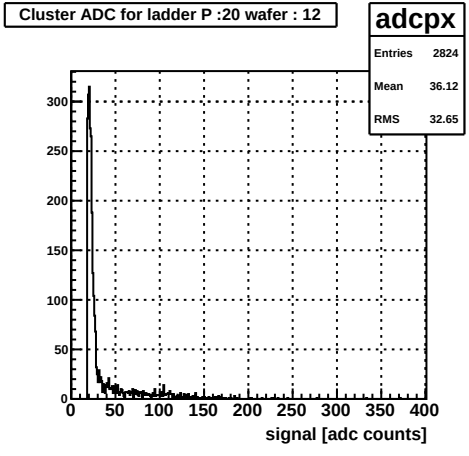

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 4993
Mean 40.75
RMS 21.12
signal [adc counts]

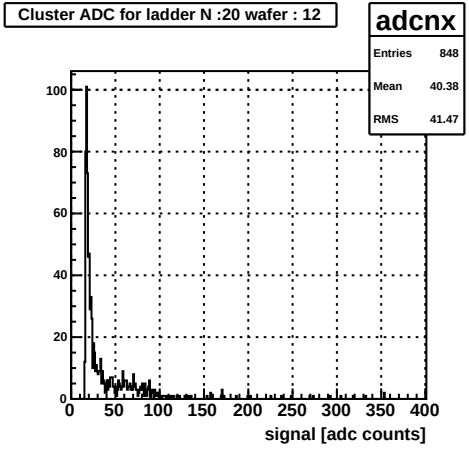

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 956
Mean 40.1
RMS 43.92
signal [adc counts]

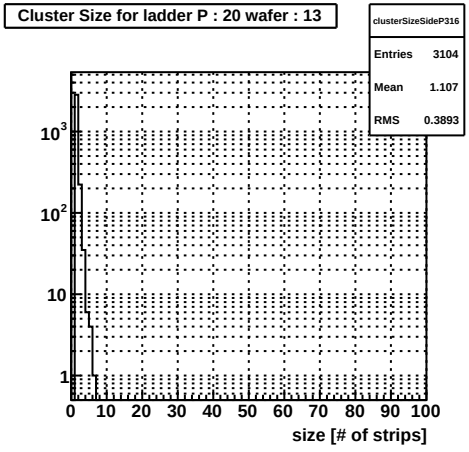

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 2824
Mean 1.382
RMS 0.8613
size [# of strips]

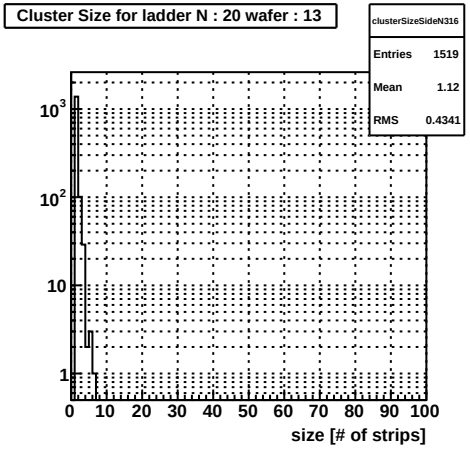

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 848
Mean 1.488
RMS 0.8954
size [# of strips]

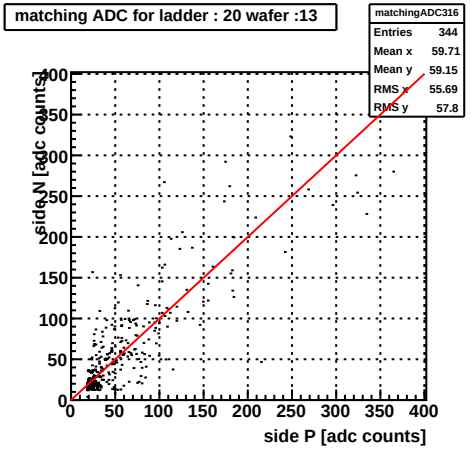

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 84
Mean x 62.25
Mean y 87.49
RMS x 52.01
RMS y 72.03
side N [adc counts]
side P [adc counts]

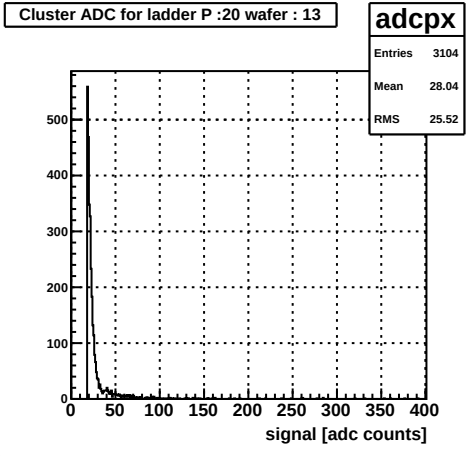

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 2824
Mean 36.12
RMS 32.65
signal [adc counts]

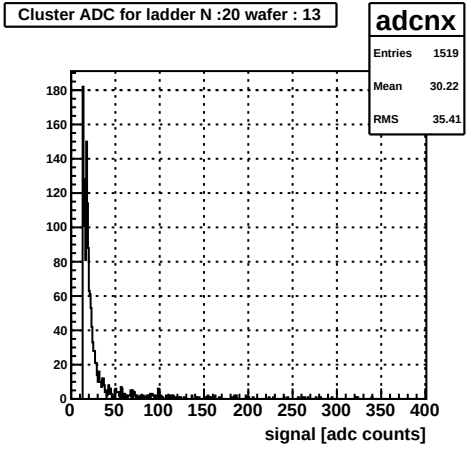

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 848
Mean 40.38
RMS 41.47
signal [adc counts]

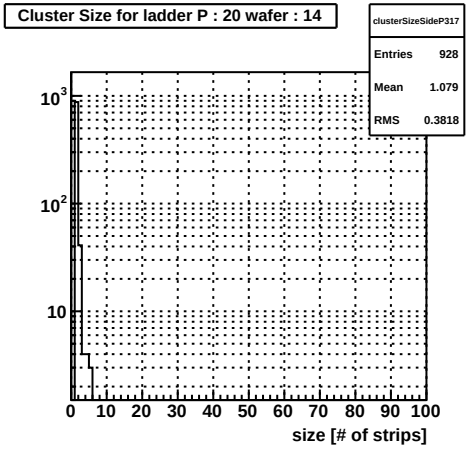

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 3104
Mean 1.107
RMS 0.3893
size [# of strips]

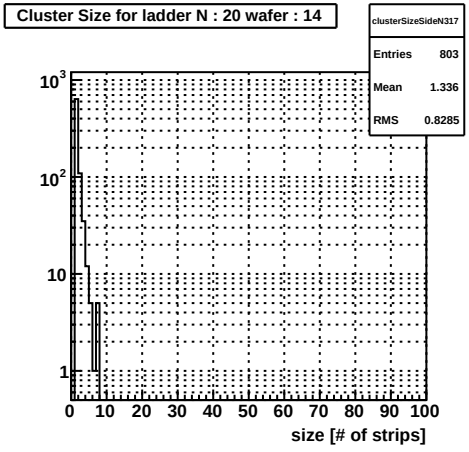

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 1519
Mean 1.12
RMS 0.4341
size [# of strips]

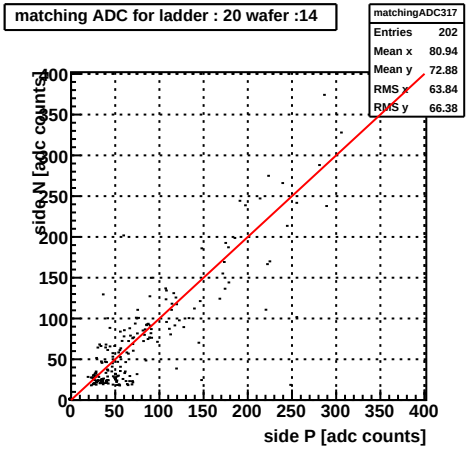

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 344
Mean x 59.71
Mean y 59.15
RMS x 55.69
RMS y 57.8
side N [adc counts]
side P [adc counts]

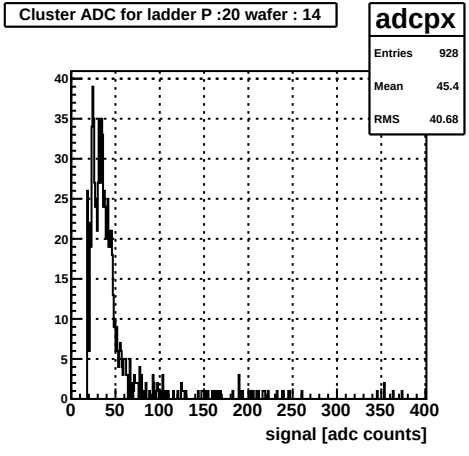

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 3104
Mean 28.04
RMS 25.52
signal [adc counts]

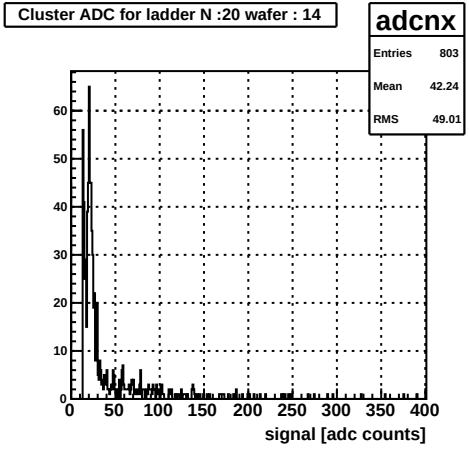

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 1519
Mean 30.22
RMS 35.41
signal [adc counts]

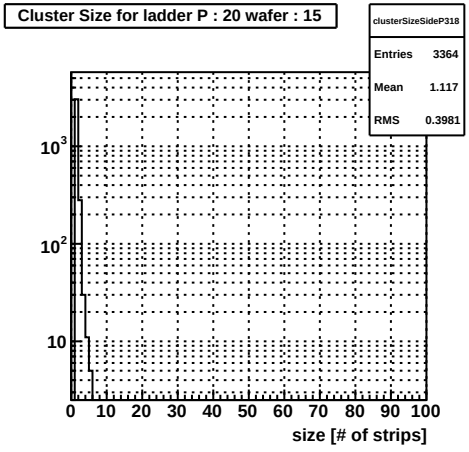

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 928
Mean 1.079
RMS 0.3818
size [# of strips]

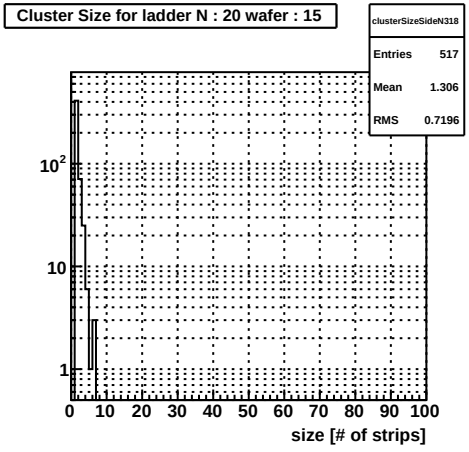

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 803
Mean 1.336
RMS 0.8285
size [# of strips]

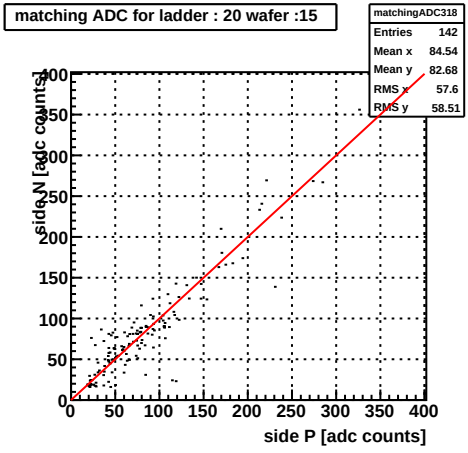

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 202
Mean x 80.94
Mean y 72.88
RMS x 63.84
RMS y 66.38
side N [adc counts]
side P [adc counts]

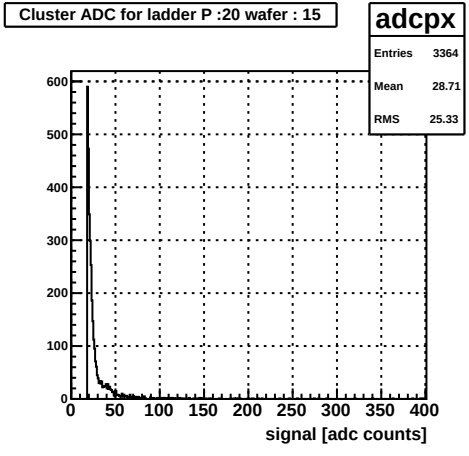

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 928
Mean 45.4
RMS 40.68
signal [adc counts]

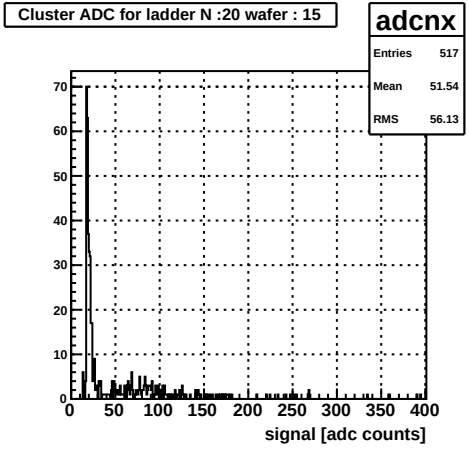

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 803
Mean 42.24
RMS 49.01
signal [adc counts]

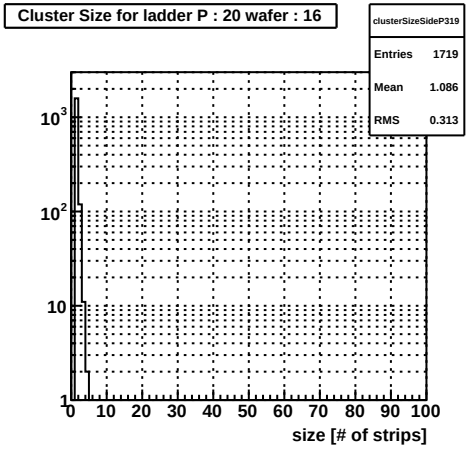

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 3364
Mean 1.117
RMS 0.3981
size [# of strips]

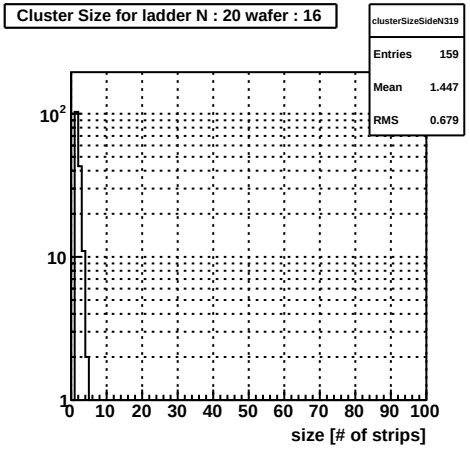

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 517
Mean 1.306
RMS 0.7196
size [# of strips]

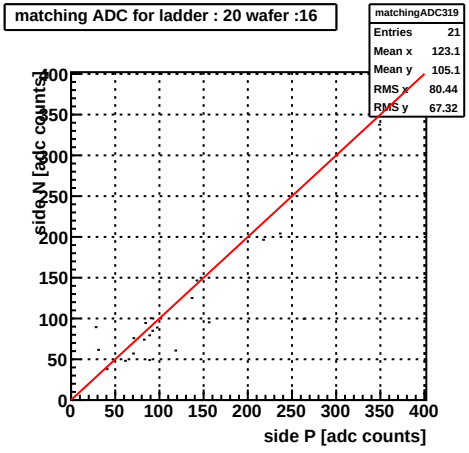

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 142
Mean x 84.54
Mean y 82.68
RMS x 57.6
RMS y 58.51
side N [adc counts]
side P [adc counts]

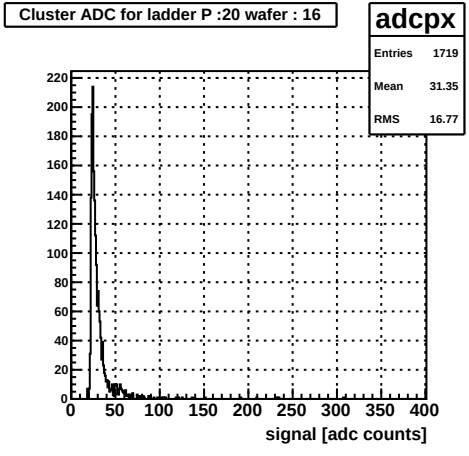

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 3364
Mean 28.71
RMS 25.33
signal [adc counts]

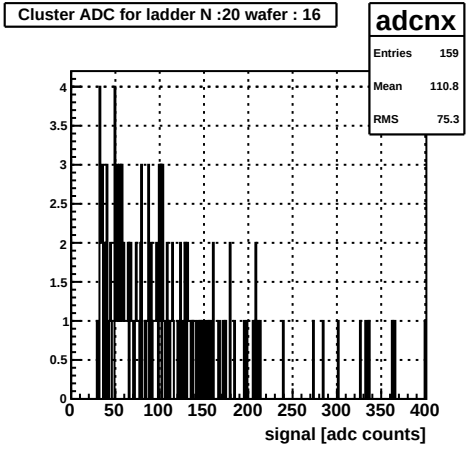

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 517
Mean 51.54
RMS 56.13
signal [adc counts]


Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 1719
Mean 1.086
RMS 0.313
size [# of strips]

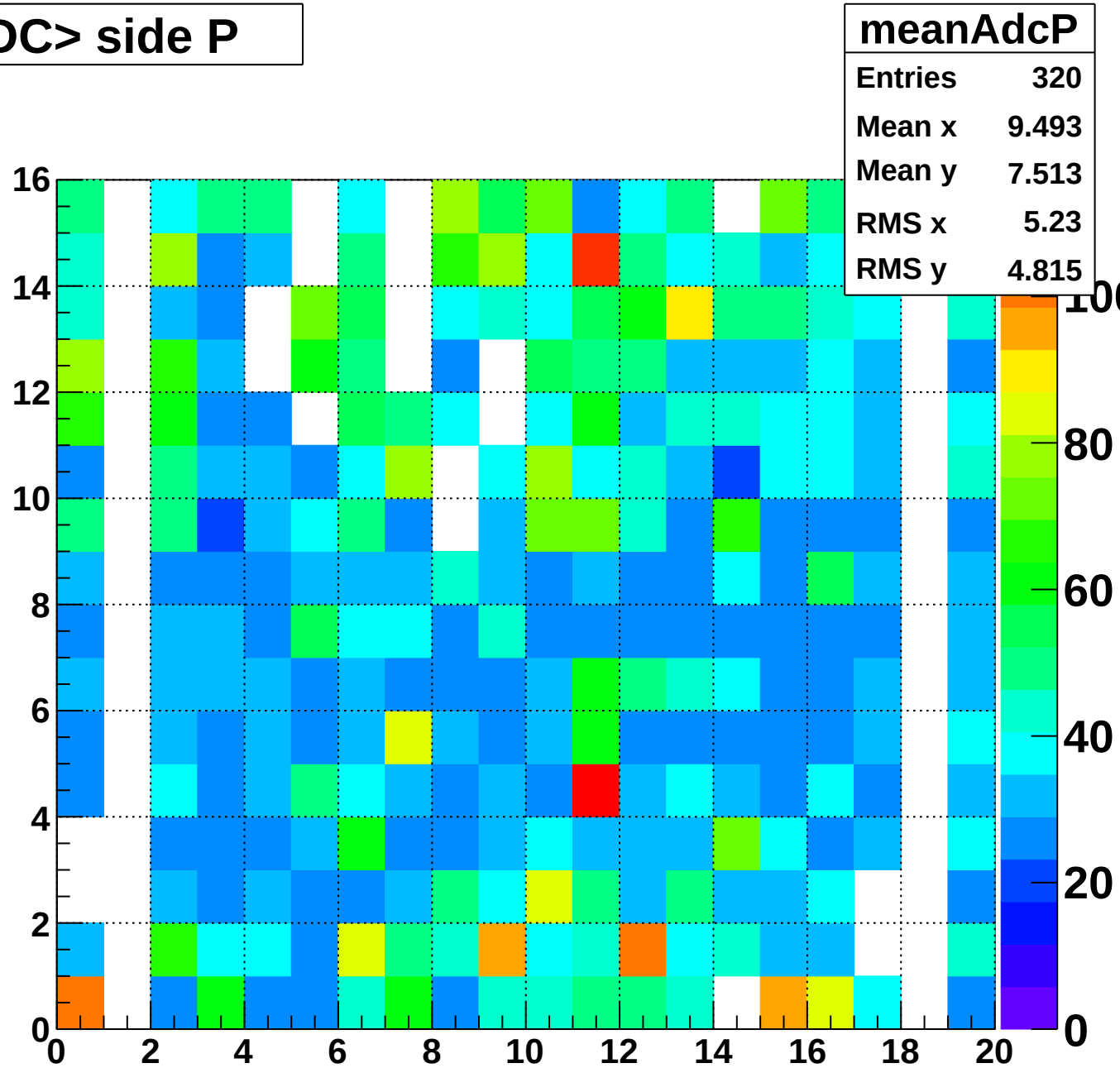

Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 159
Mean 1.447
RMS 0.679
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 21
Mean x 123.1
Mean y 105.1
RMS x 80.44
RMS y 67.32
side N [adc counts]
side P [adc counts]

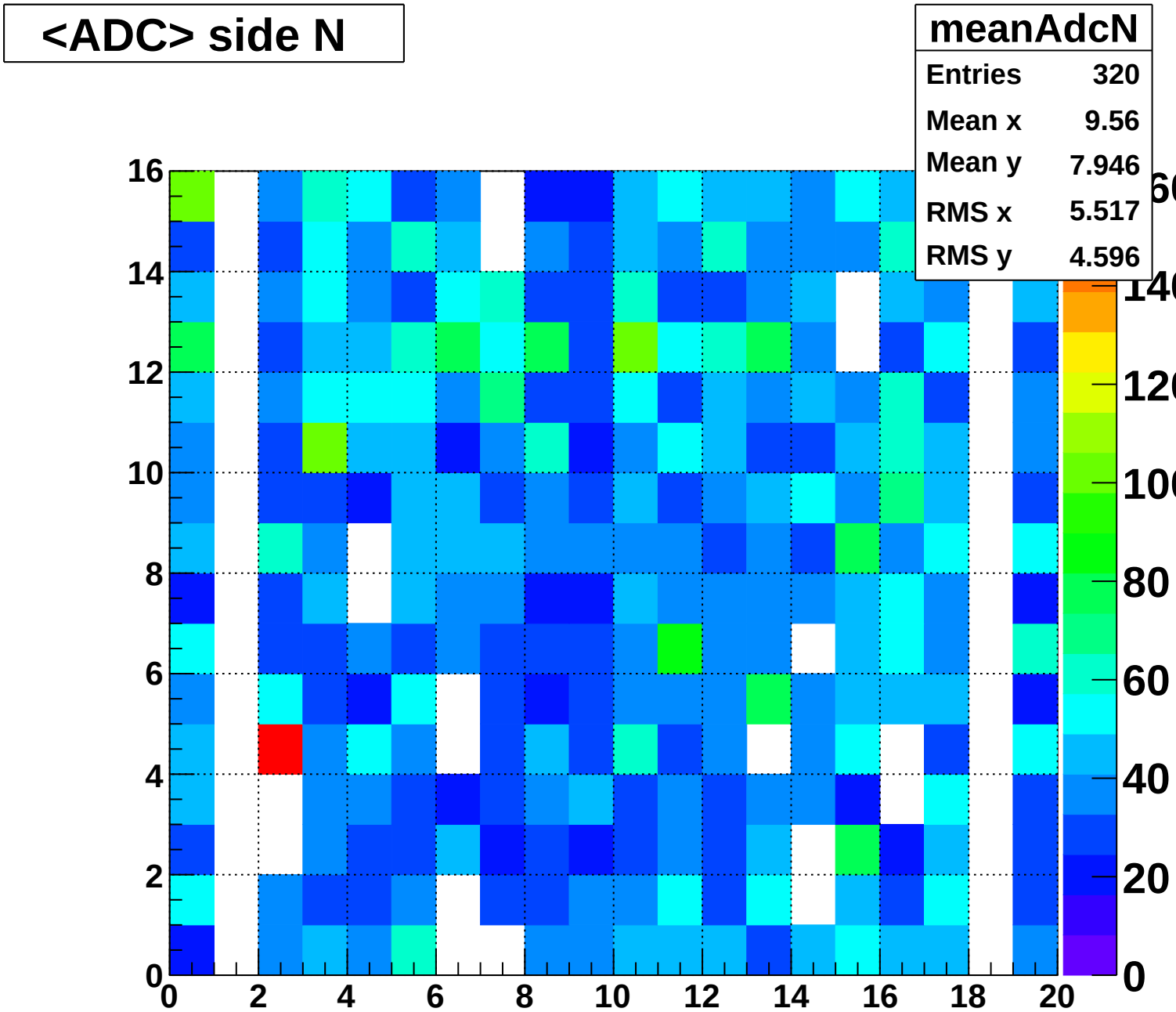

Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 1719
Mean 31.35
RMS 16.77
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 159
Mean 110.8
RMS 75.3
signal [adc counts]

<ADC> side P



2016-05-24 12:00:18



2016-05-24 12:00:18