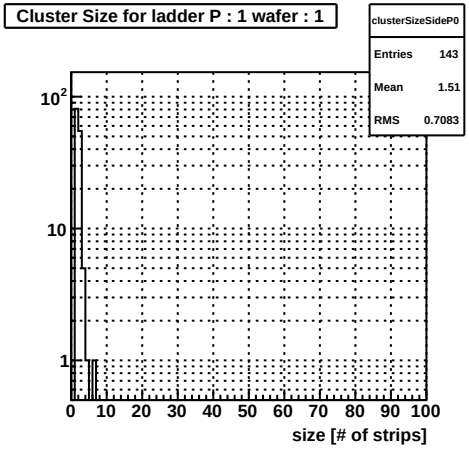
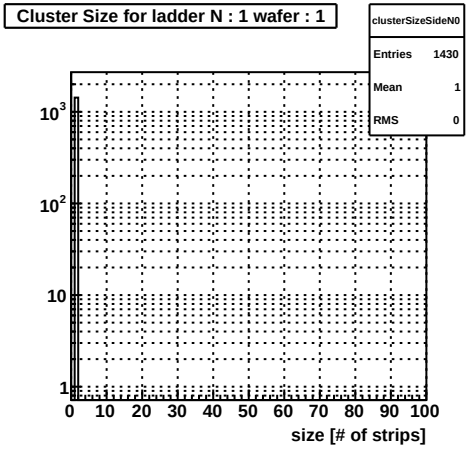
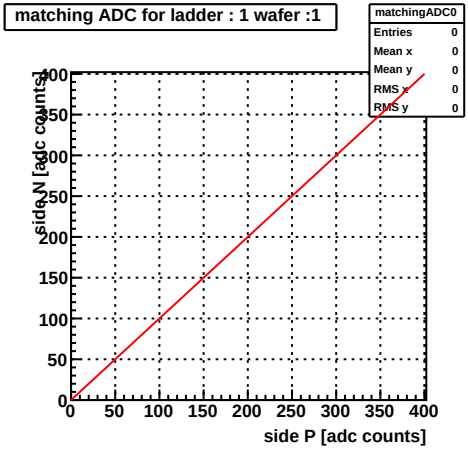
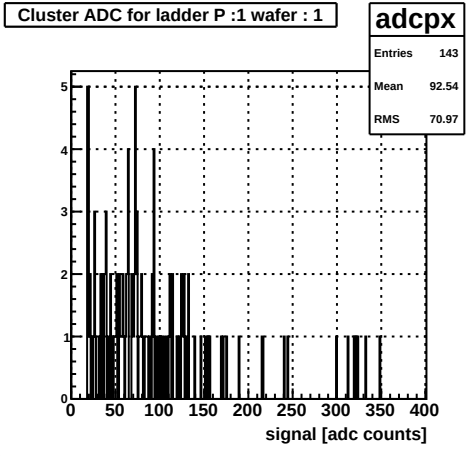
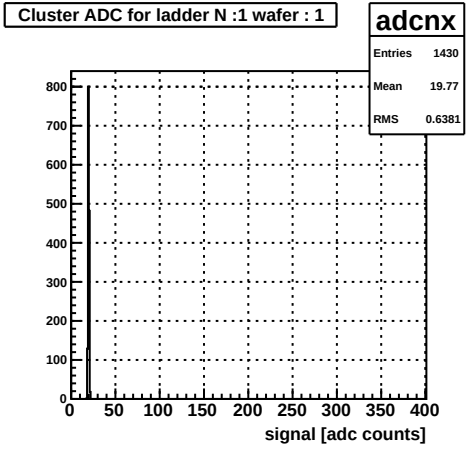
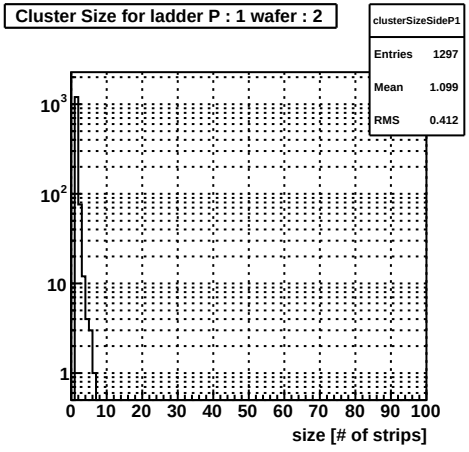

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 143
Mean 1.51
RMS 0.7083
size [# of strips]

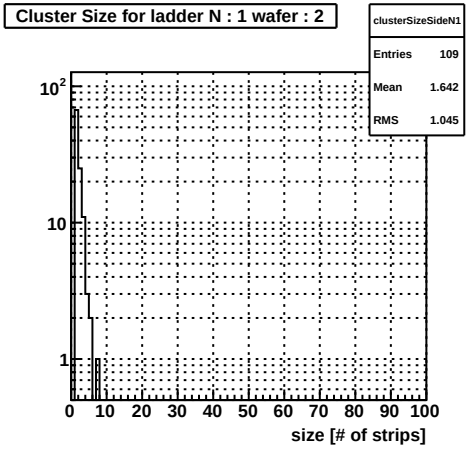

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 1430
Mean 1
RMS 0
size [# of strips]

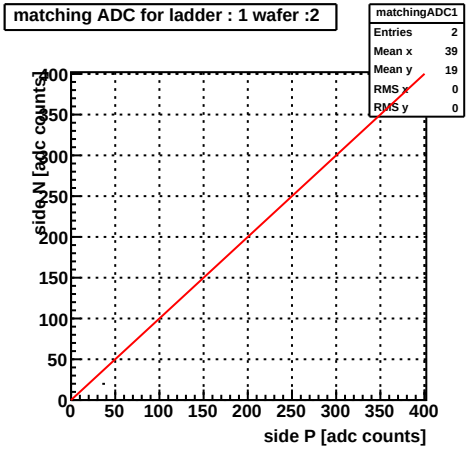

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

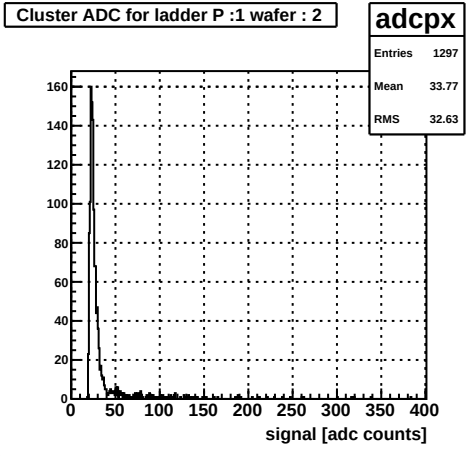

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 143
Mean 92.54
RMS 70.97
signal [adc counts]

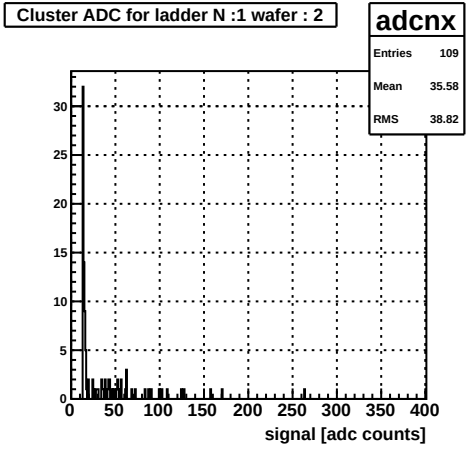

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 1430
Mean 19.77
RMS 0.6381
signal [adc counts]

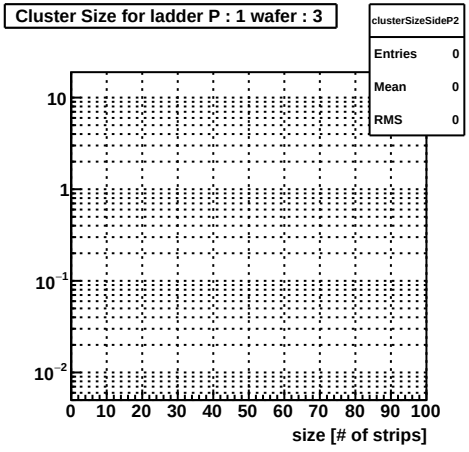

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 1297
Mean 1.099
RMS 0.412
size [# of strips]

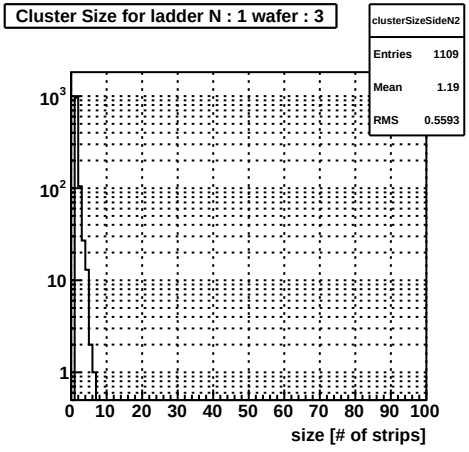

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 109
Mean 1.642
RMS 1.045
size [# of strips]

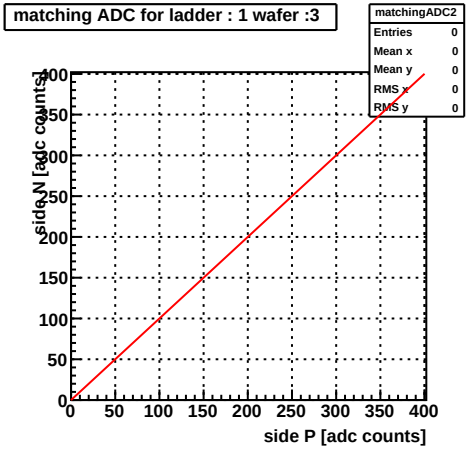

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 2
Mean x 39
Mean y 19
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

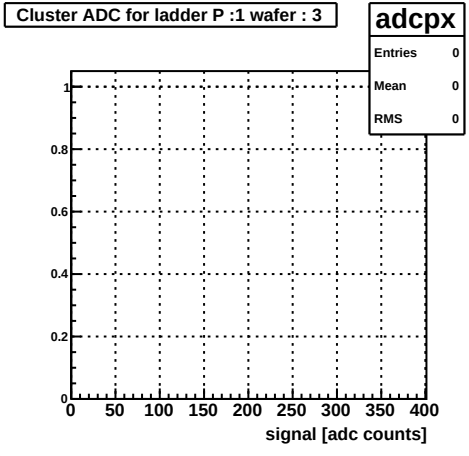

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 1297
Mean 33.77
RMS 32.63
signal [adc counts]

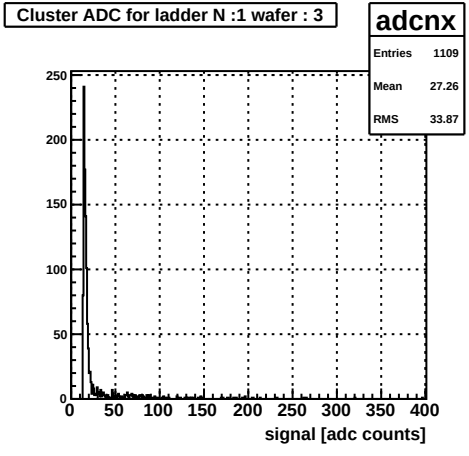

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 109
Mean 35.58
RMS 38.82
signal [adc counts]

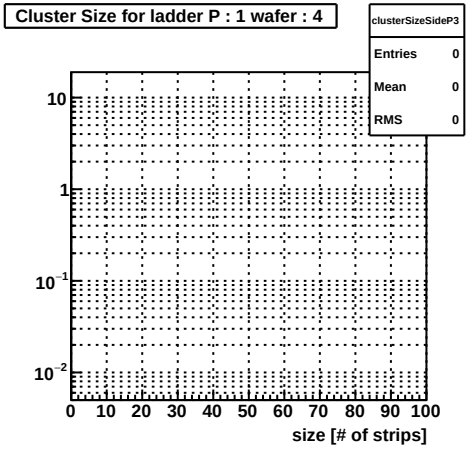

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

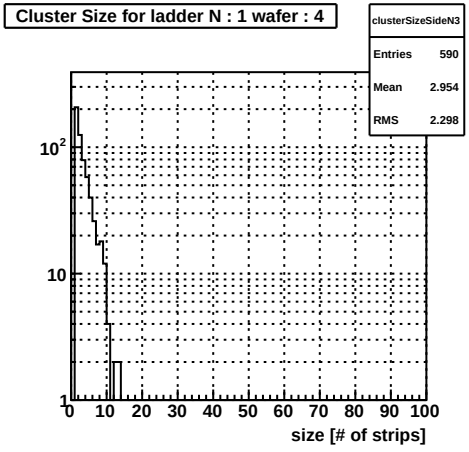

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 1109
Mean 1.19
RMS 0.5593
size [# of strips]

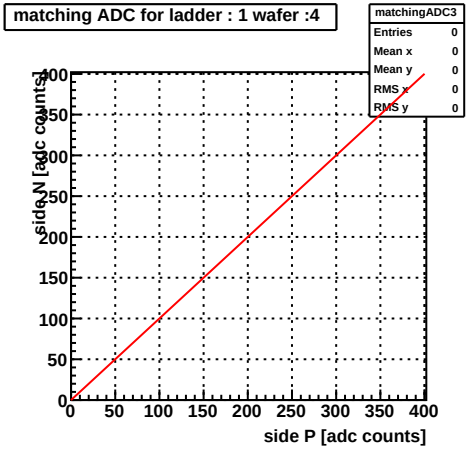

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

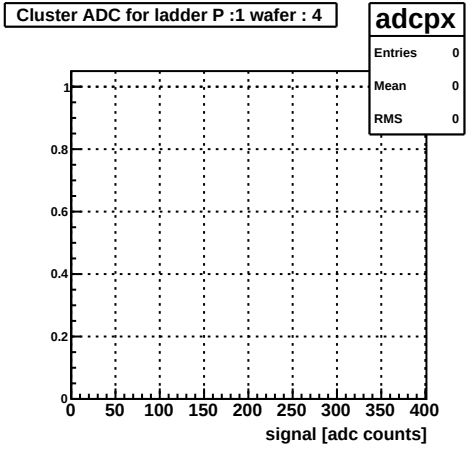

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

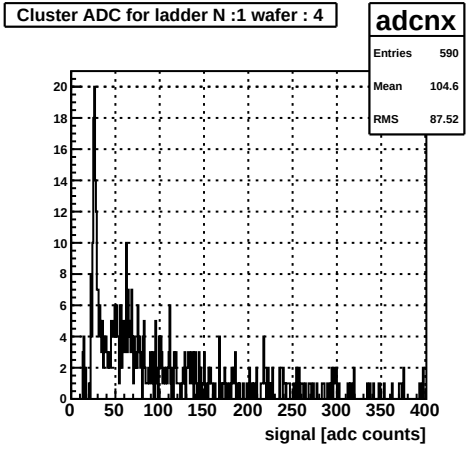

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 1109
Mean 27.26
RMS 33.87
signal [adc counts]

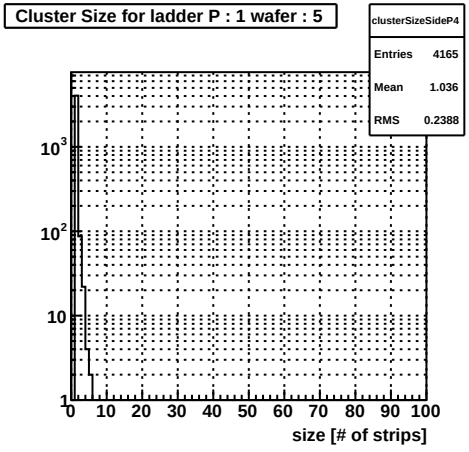

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

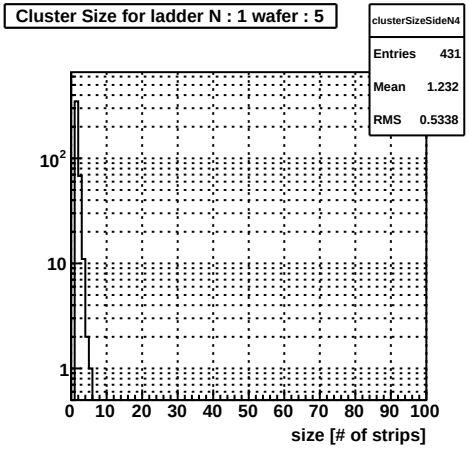

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 590
Mean 2.954
RMS 2.298
size [# of strips]

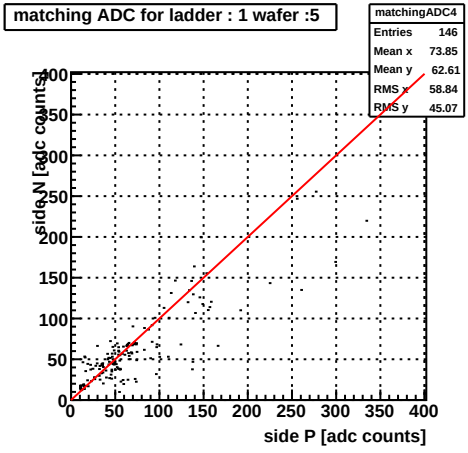

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

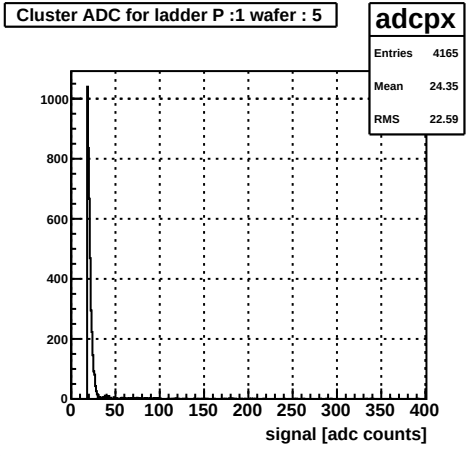

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

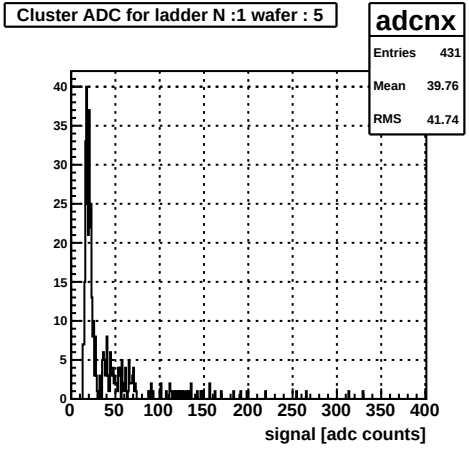

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 590
Mean 104.6
RMS 87.52
signal [adc counts]

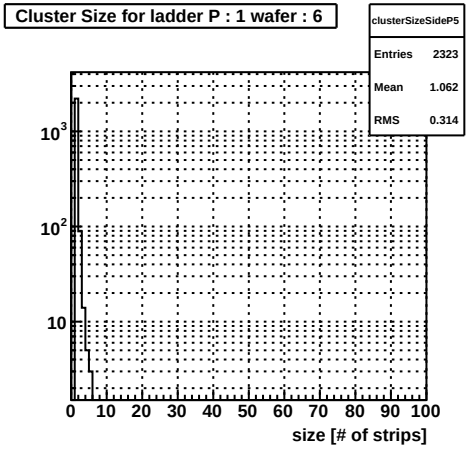

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 4165
Mean 1.036
RMS 0.2388
size [# of strips]

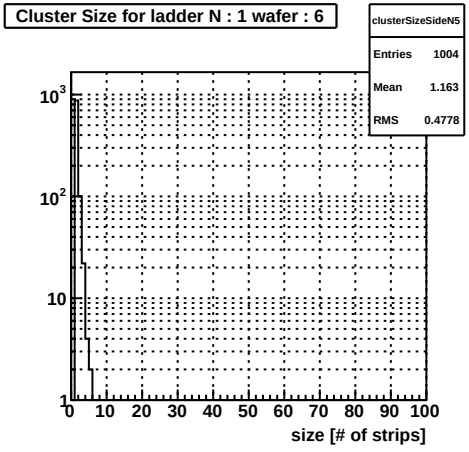

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 431
Mean 1.232
RMS 0.5338
size [# of strips]

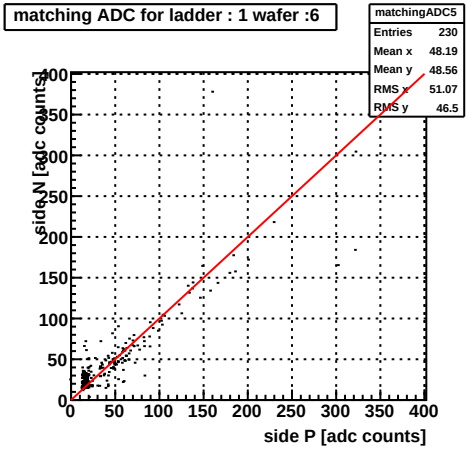

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 146
Mean x 73.85
Mean y 62.61
RMS x 58.84
RMS y 45.07
side N [adc counts]
side P [adc counts]

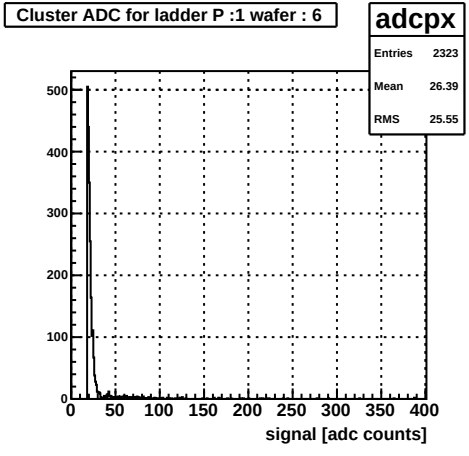

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 4165
Mean 24.35
RMS 22.59
signal [adc counts]

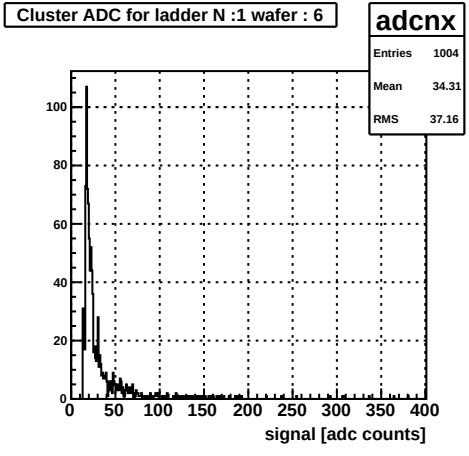

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 431
Mean 39.76
RMS 41.74
signal [adc counts]

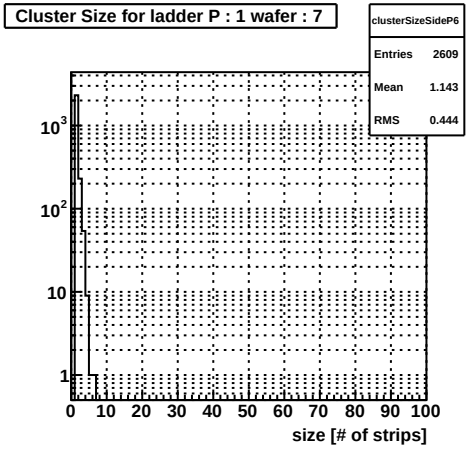

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 2323
Mean 1.062
RMS 0.314
size [# of strips]

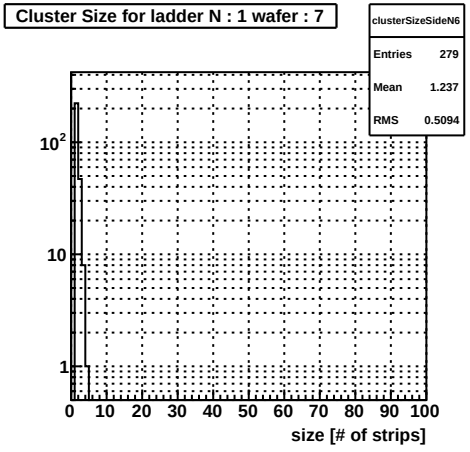

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 1004
Mean 1.163
RMS 0.4778
size [# of strips]

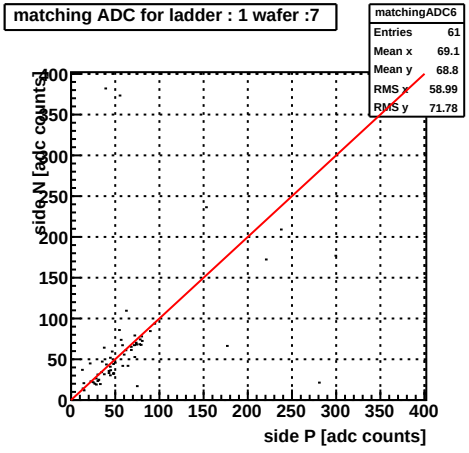

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 230
Mean x 48.19
Mean y 48.56
RMS x 51.07
RMS y 46.5
side N [adc counts]
side P [adc counts]

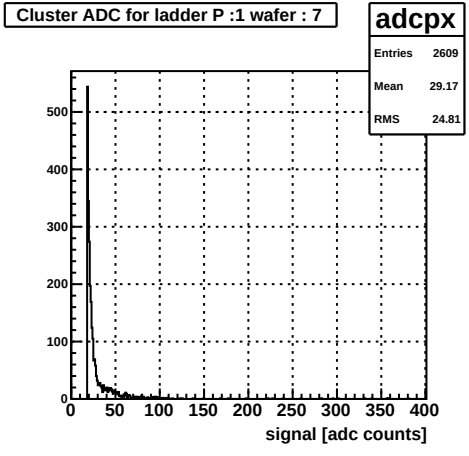

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 2323
Mean 26.39
RMS 25.55
signal [adc counts]

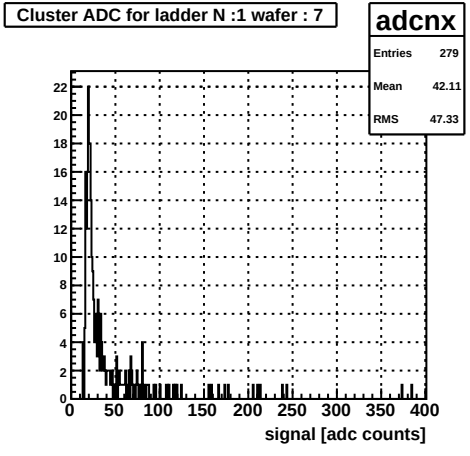

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 1004
Mean 34.31
RMS 37.16
signal [adc counts]

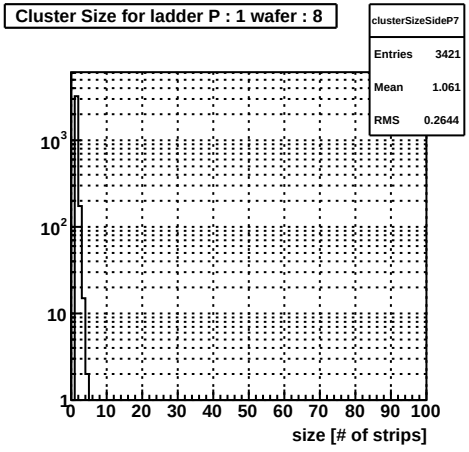

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 2609
Mean 1.143
RMS 0.444
size [# of strips]

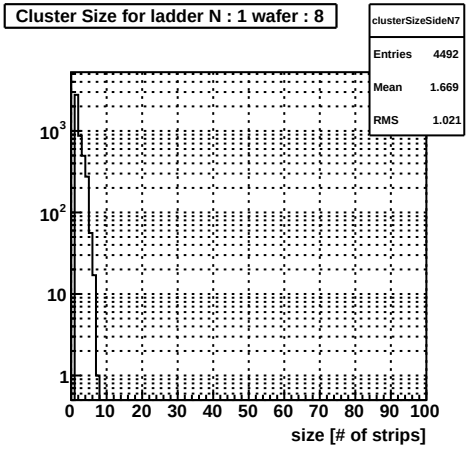

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 279
Mean 1.237
RMS 0.5094
size [# of strips]

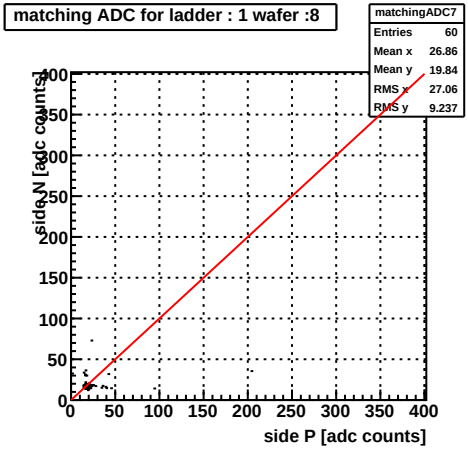

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 61
Mean x 69.1
Mean y 68.8
RMS x 58.99
RMS y 71.78
side N [adc counts]
side P [adc counts]

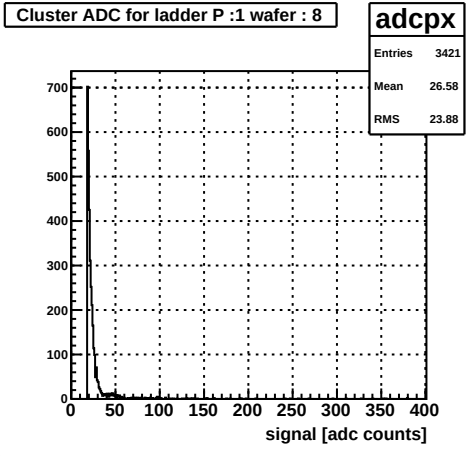

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 2609
Mean 29.17
RMS 24.81
signal [adc counts]

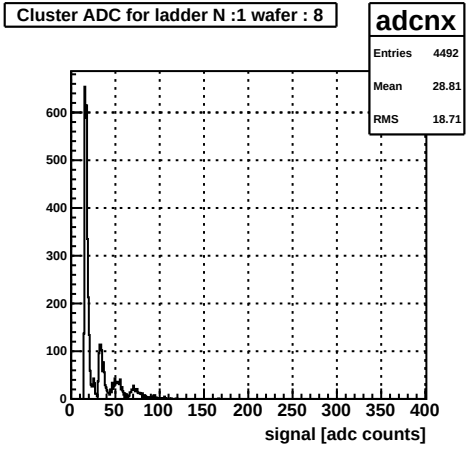

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 279
Mean 42.11
RMS 47.33
signal [adc counts]

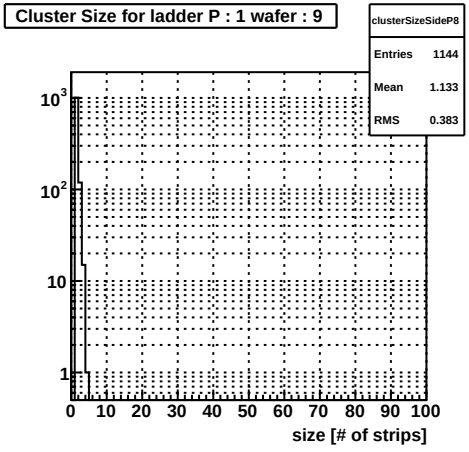

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 3421
Mean 1.061
RMS 0.2644
size [# of strips]

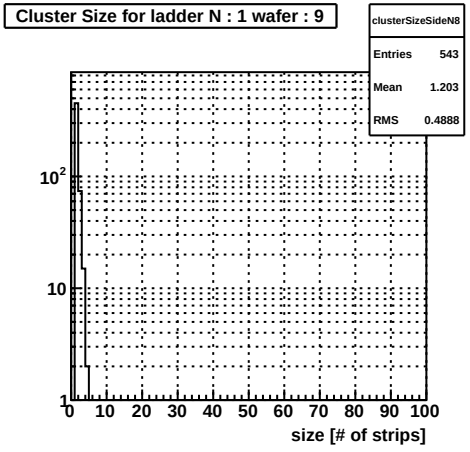

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 4492
Mean 1.669
RMS 1.021
size [# of strips]

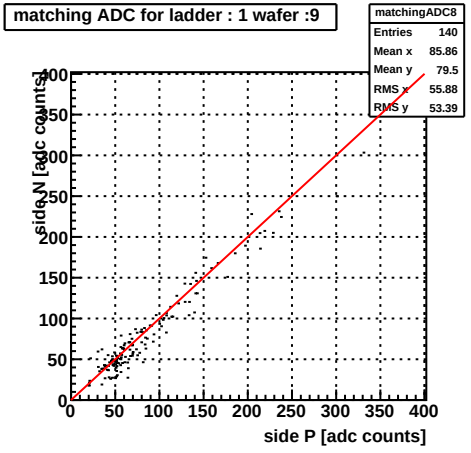

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 60
Mean x 26.86
Mean y 19.84
RMS x 27.06
RMS y 9.237
side N [adc counts]
side P [adc counts]

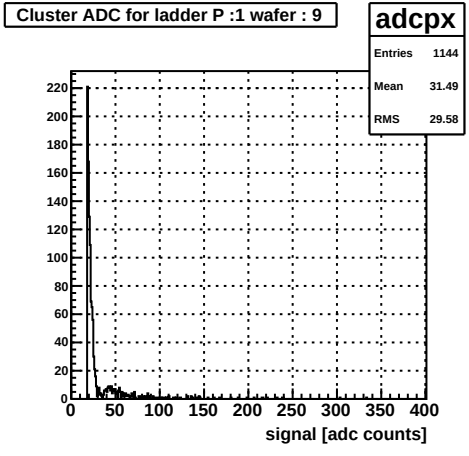

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 3421
Mean 26.58
RMS 23.88
signal [adc counts]

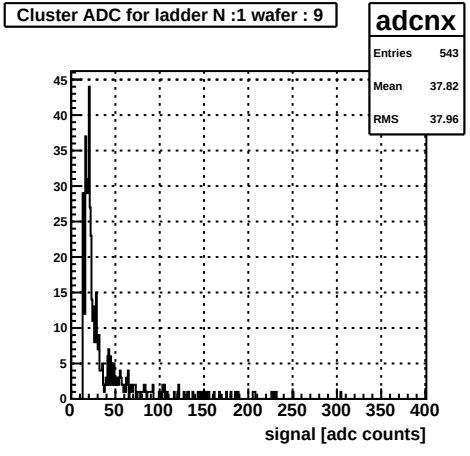

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 4492
Mean 28.81
RMS 18.71
signal [adc counts]

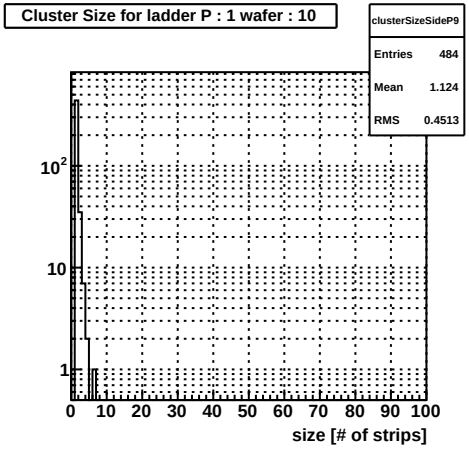

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 1144
Mean 1.133
RMS 0.383
size [# of strips]

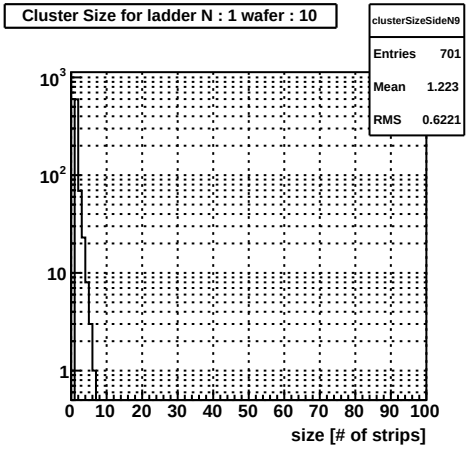

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 543
Mean 1.203
RMS 0.4888
size [# of strips]

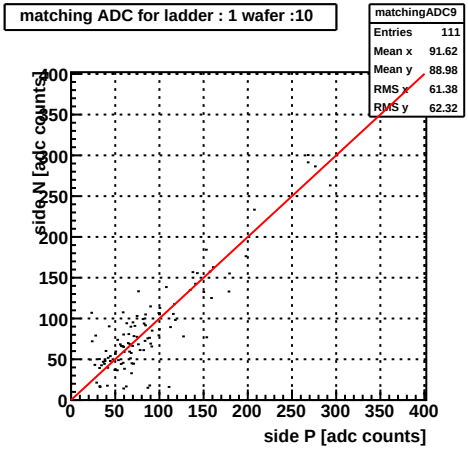

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 140
Mean x 85.86
Mean y 79.5
RMS x 55.88
RMS y 53.39
side N [adc counts]
side P [adc counts]

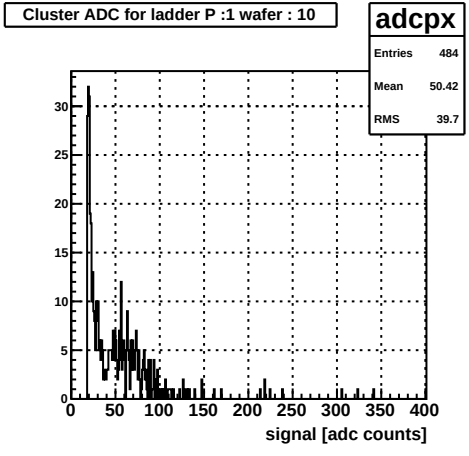

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 1144
Mean 31.49
RMS 29.58
signal [adc counts]

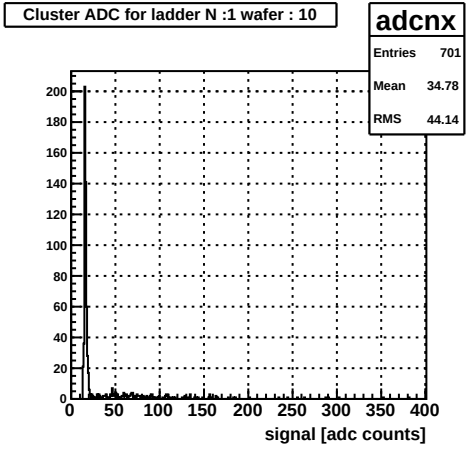

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 543
Mean 37.82
RMS 37.96
signal [adc counts]

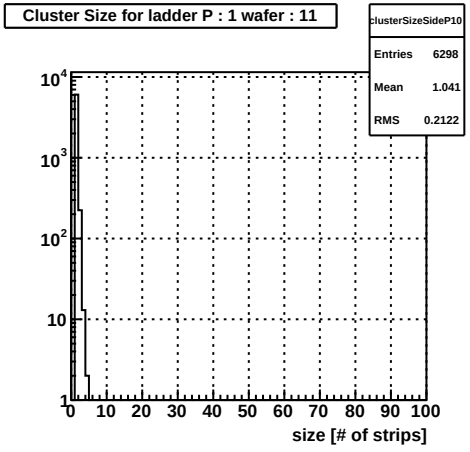

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 484
Mean 1.124
RMS 0.4513
size [# of strips]

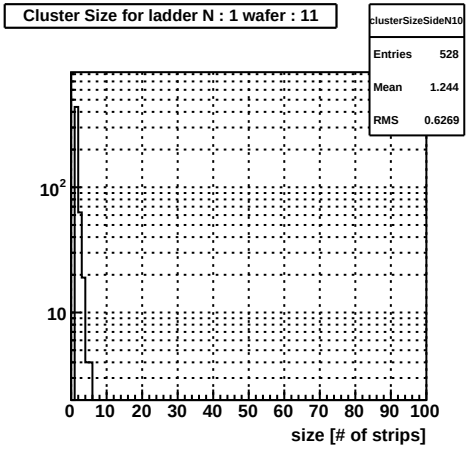

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 701
Mean 1.223
RMS 0.6221
size [# of strips]

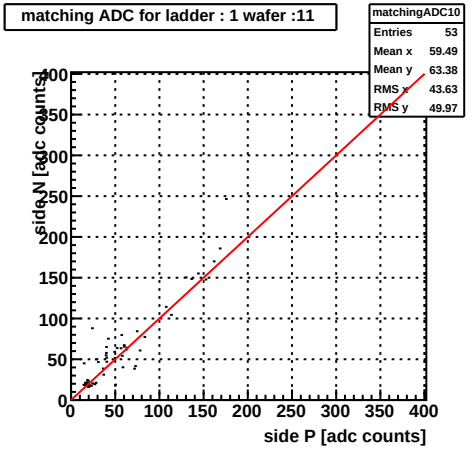

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 111
Mean x 91.62
Mean y 88.98
RMS x 61.38
RMS y 62.32
side N [adc counts]
side P [adc counts]

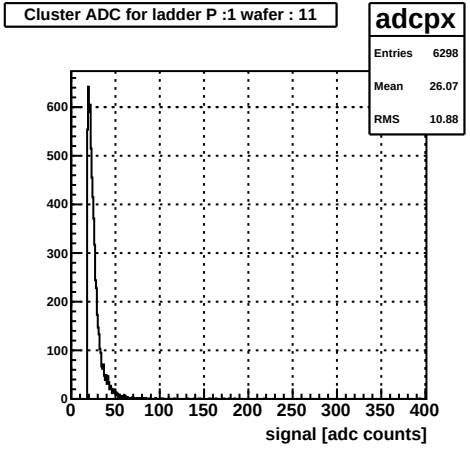

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 484
Mean 50.42
RMS 39.7
signal [adc counts]

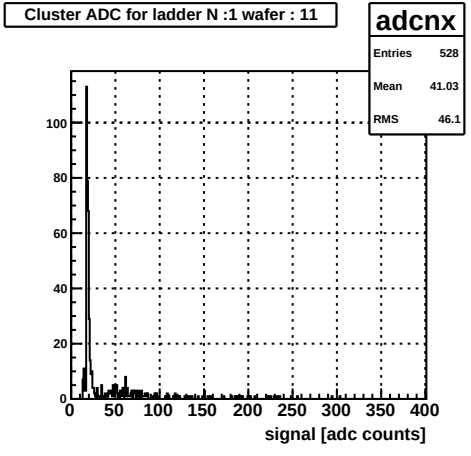

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 701
Mean 34.78
RMS 44.14
signal [adc counts]

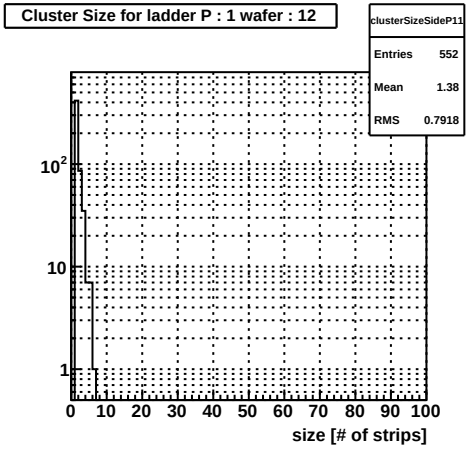

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 6298
Mean 1.041
RMS 0.2122
size [# of strips]

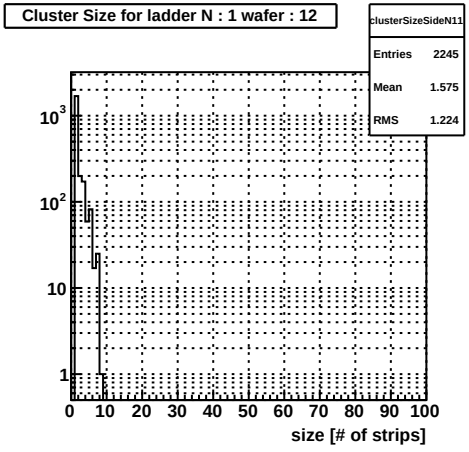

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 528
Mean 1.244
RMS 0.6269
size [# of strips]

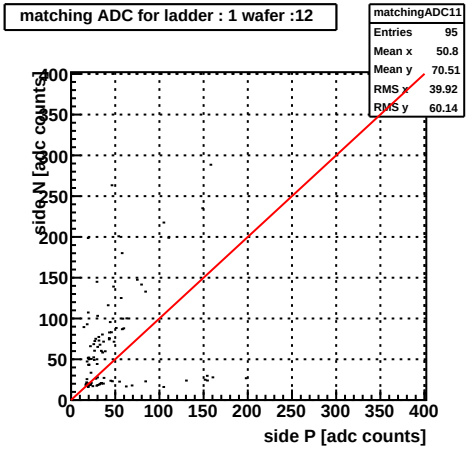

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 53
Mean x 59.49
Mean y 63.38
RMS x 43.63
RMS y 49.97
side N [adc counts]
side P [adc counts]

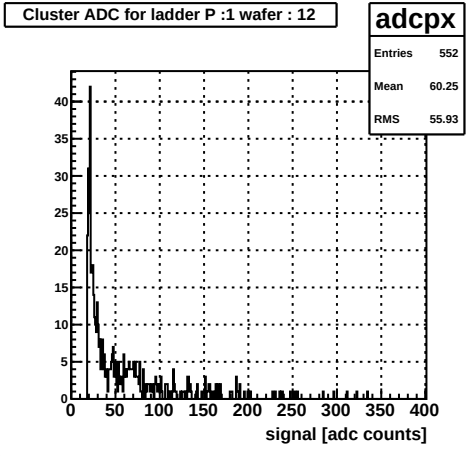

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 6298
Mean 26.07
RMS 10.88
signal [adc counts]

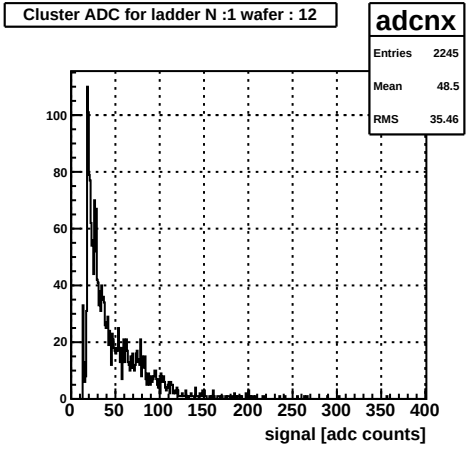

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 528
Mean 41.03
RMS 46.1
signal [adc counts]

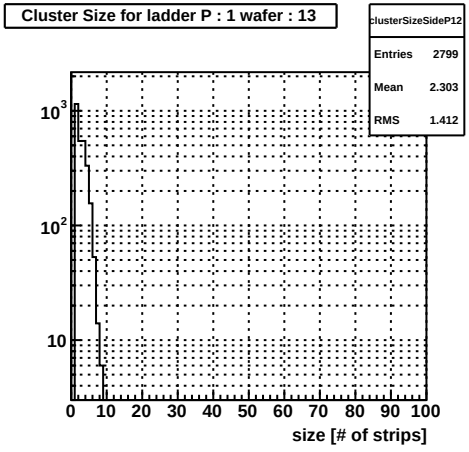

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 552
Mean 1.38
RMS 0.7918
size [# of strips]

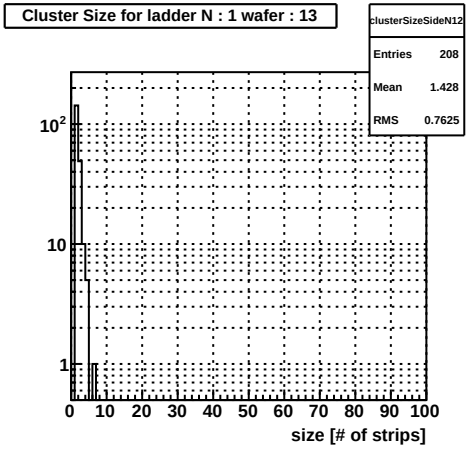

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 2245
Mean 1.575
RMS 1.224
size [# of strips]

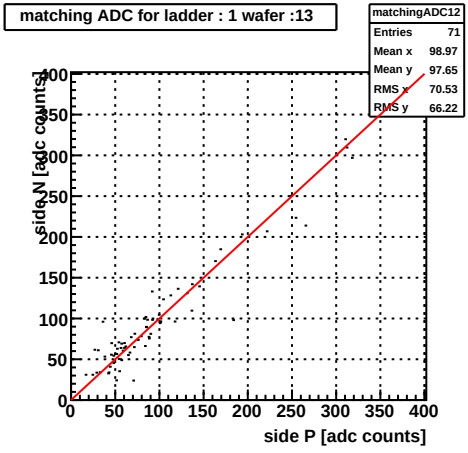

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 95
Mean x 50.8
Mean y 70.51
RMS x 39.92
RMS y 60.14
side N [adc counts]
side P [adc counts]

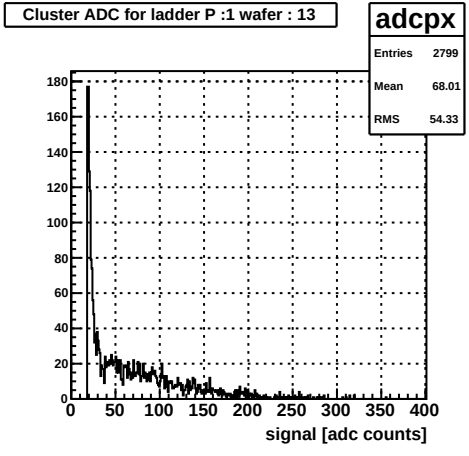

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 552
Mean 60.25
RMS 55.93
signal [adc counts]

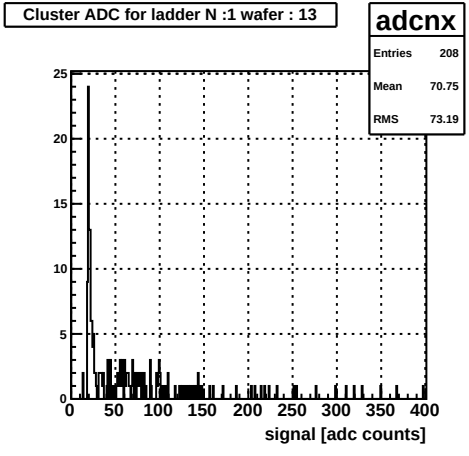

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 2245
Mean 48.5
RMS 35.46
signal [adc counts]

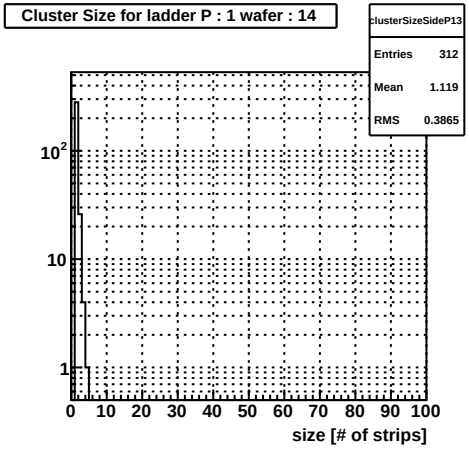

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 2799
Mean 2.303
RMS 1.412
size [# of strips]

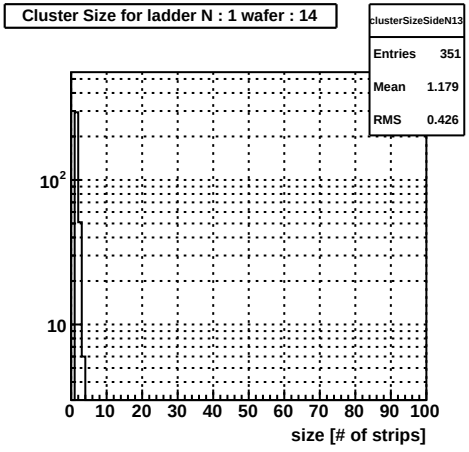

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 208
Mean 1.428
RMS 0.7625
size [# of strips]

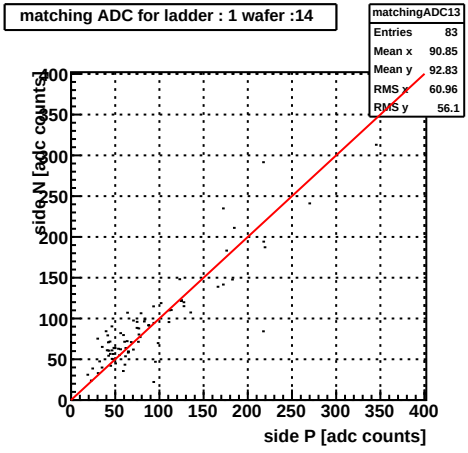

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 71
Mean x 98.97
Mean y 97.65
RMS x 70.53
RMS y 66.22
side N [adc counts]
side P [adc counts]

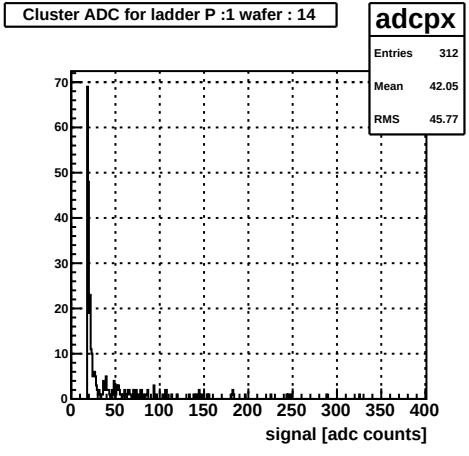

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 2799
Mean 68.01
RMS 54.33
signal [adc counts]

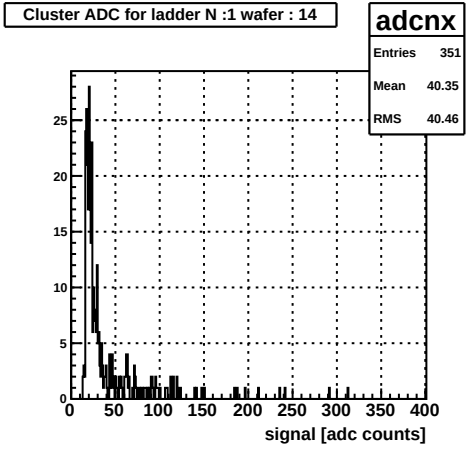

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 208
Mean 70.75
RMS 73.19
signal [adc counts]

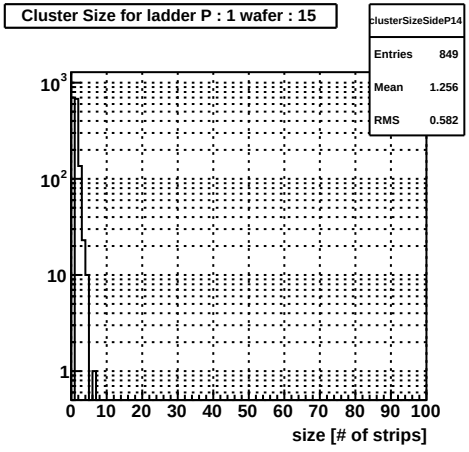

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 312
Mean 1.119
RMS 0.3865
size [# of strips]

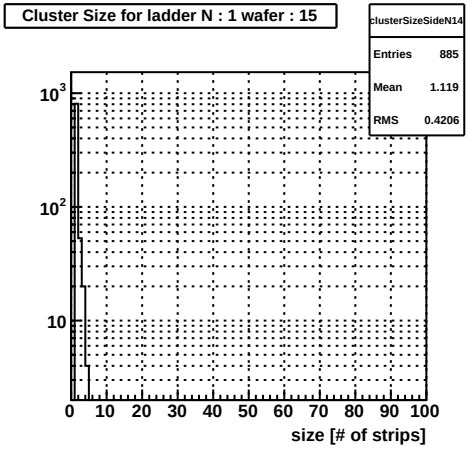

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 351
Mean 1.179
RMS 0.426
size [# of strips]

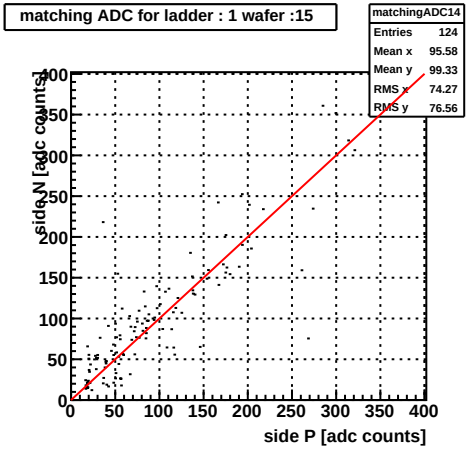

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 83
Mean x 90.85
Mean y 92.83
RMS x 60.96
RMS y 56.1
side N [adc counts]
side P [adc counts]

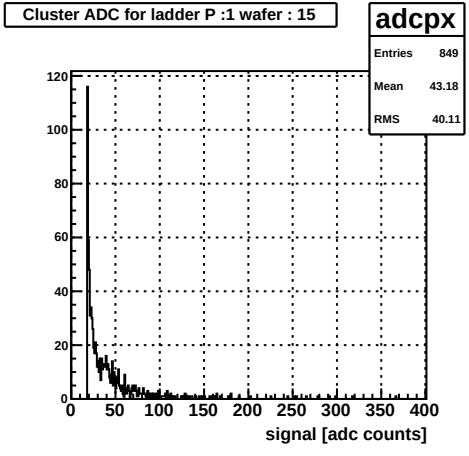

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 312
Mean 42.05
RMS 45.77
signal [adc counts]

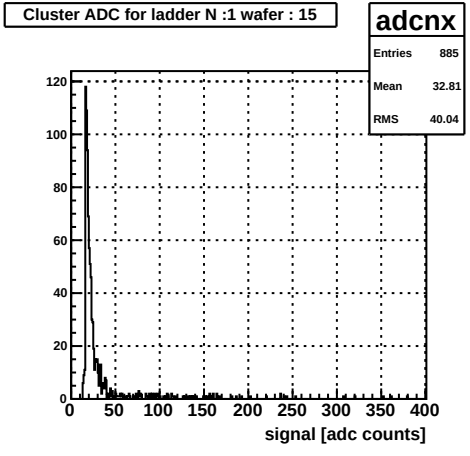

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 351
Mean 40.35
RMS 40.46
signal [adc counts]

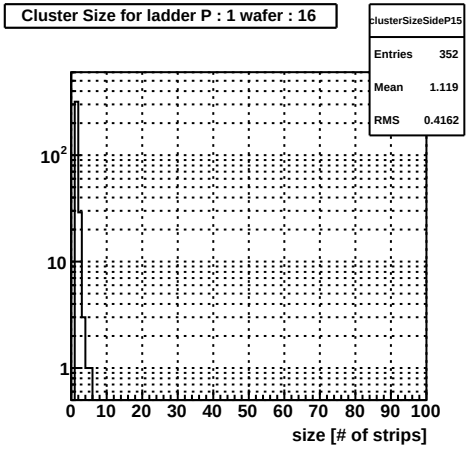

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 849
Mean 1.256
RMS 0.582
size [# of strips]

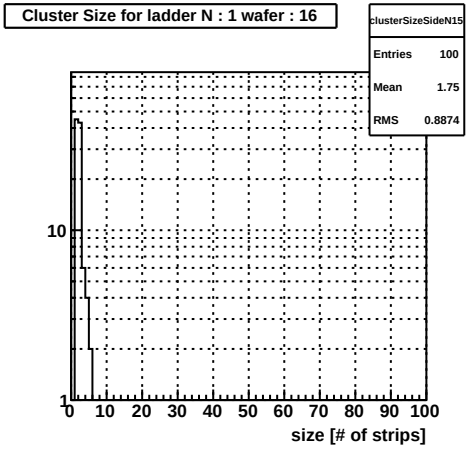

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 885
Mean 1.119
RMS 0.4206
size [# of strips]

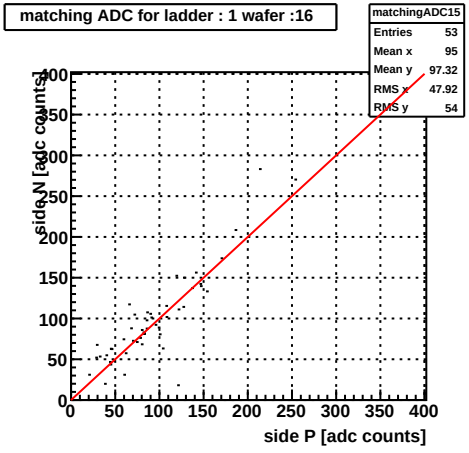

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 124
Mean x 95.58
Mean y 99.33
RMS x 74.27
RMS y 76.56
side N [adc counts]
side P [adc counts]

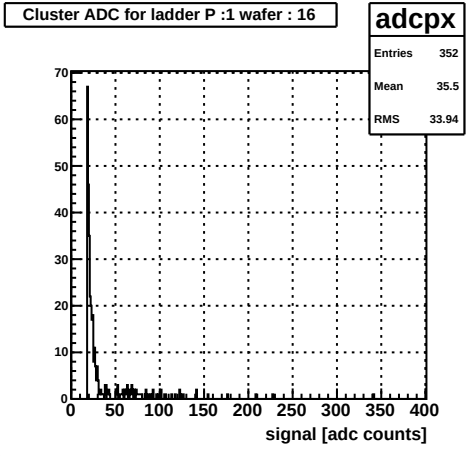

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 849
Mean 43.18
RMS 40.11
signal [adc counts]

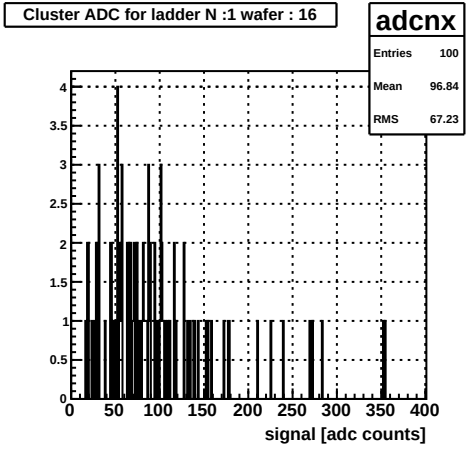

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 885
Mean 32.81
RMS 40.04
signal [adc counts]

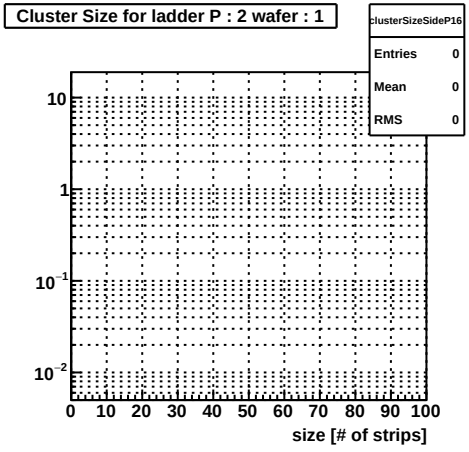

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 352
Mean 1.119
RMS 0.4162
size [# of strips]

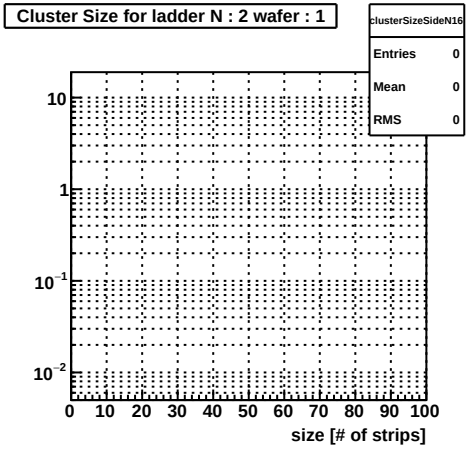

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 100
Mean 1.75
RMS 0.8874
size [# of strips]

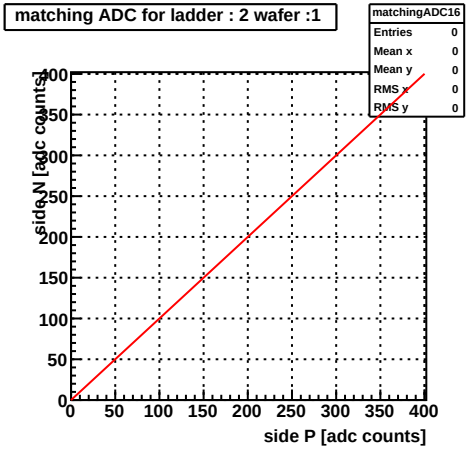

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 53
Mean x 95
Mean y 97.32
RMS x 47.92
RMS y 54
side N [adc counts]
side P [adc counts]

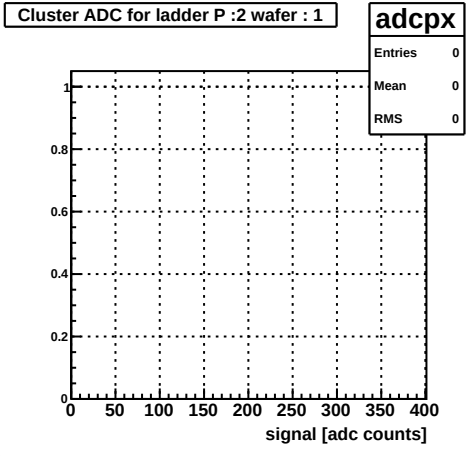

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 352
Mean 35.5
RMS 33.94
signal [adc counts]

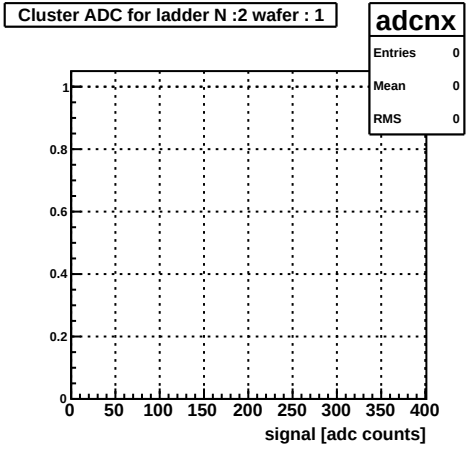

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 100
Mean 96.84
RMS 67.23
signal [adc counts]

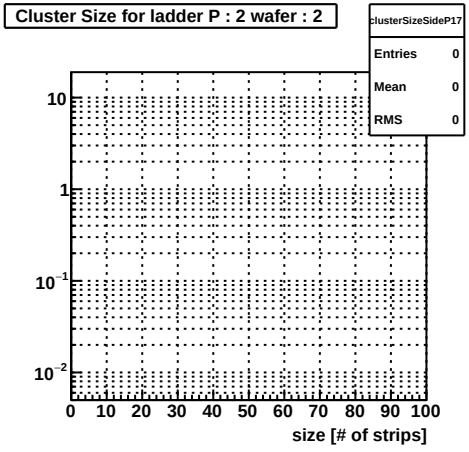

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

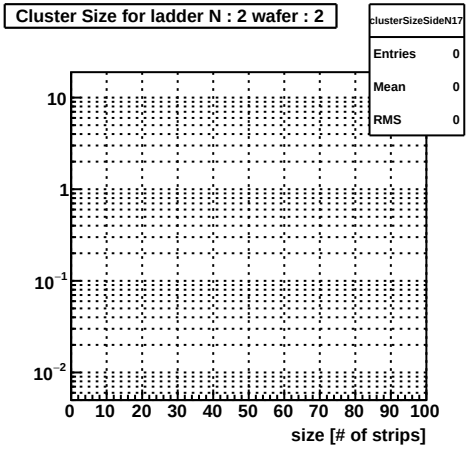

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

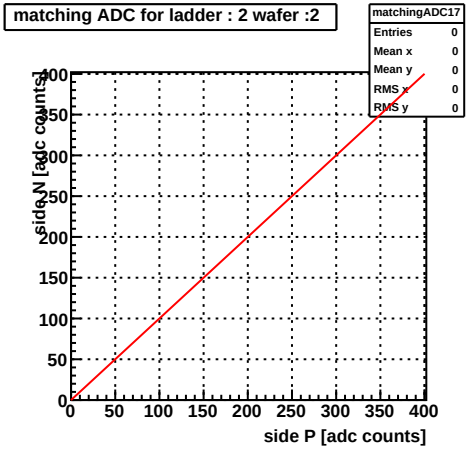

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

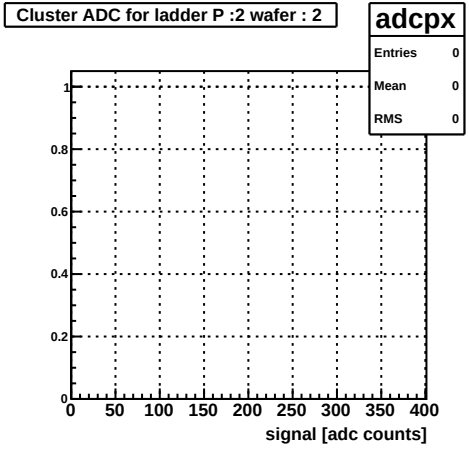

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

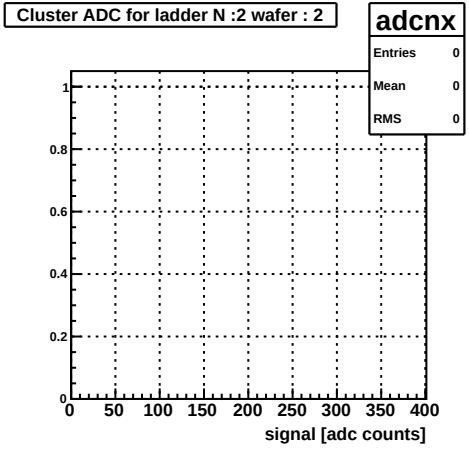

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

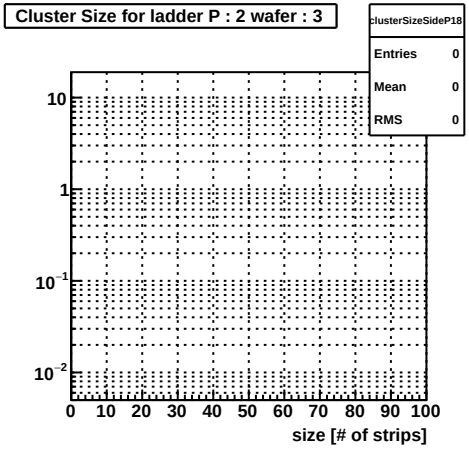

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

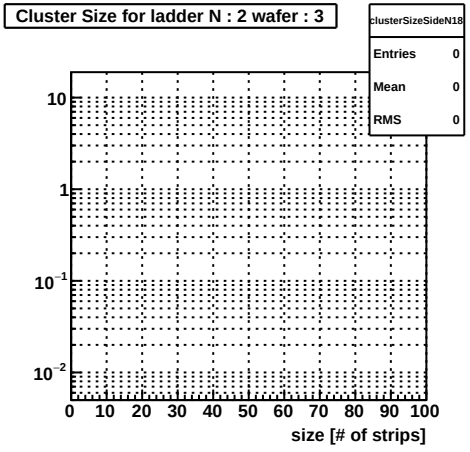

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

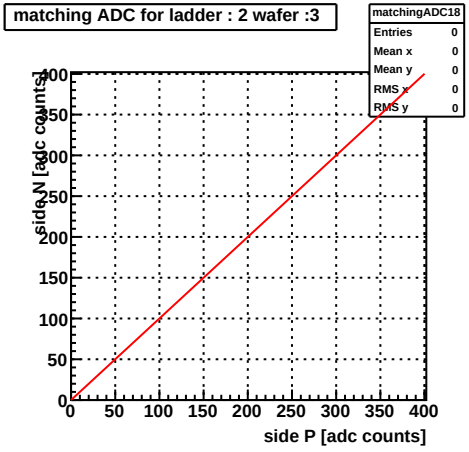

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

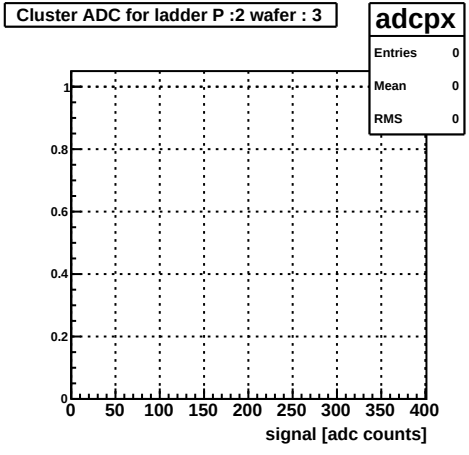

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

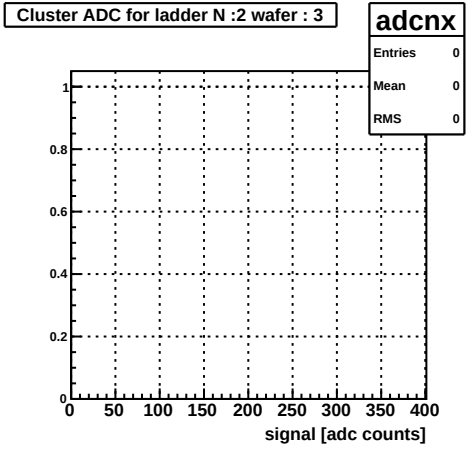

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

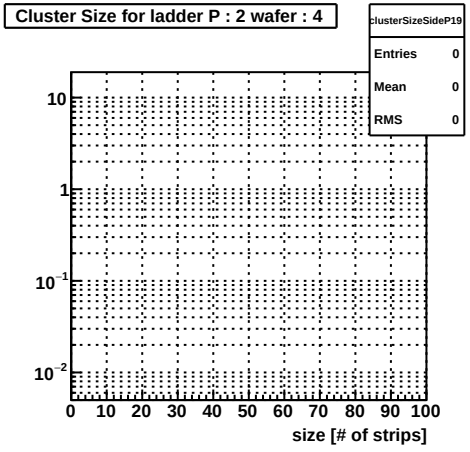

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

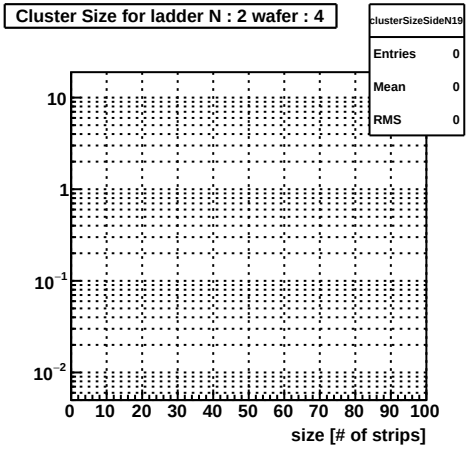

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

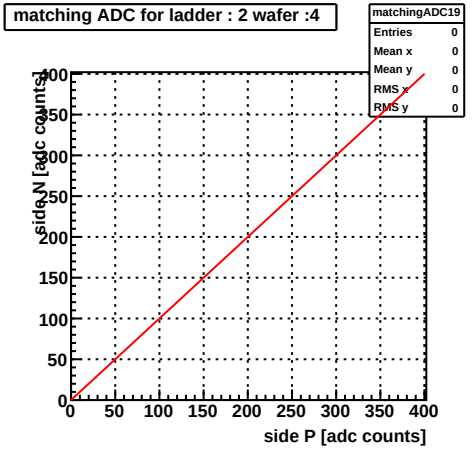

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

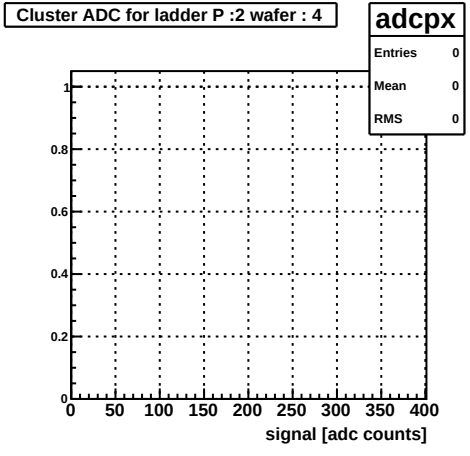

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

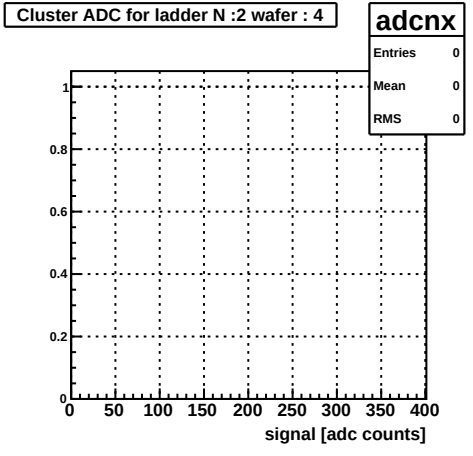

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

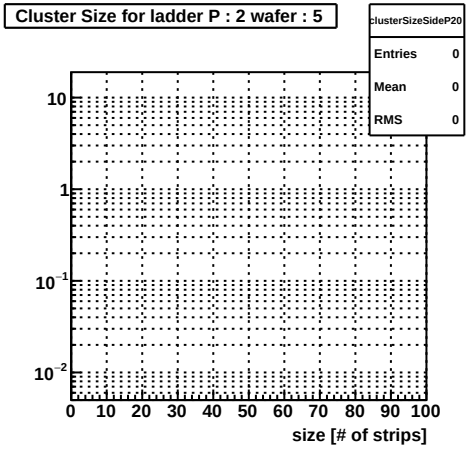

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

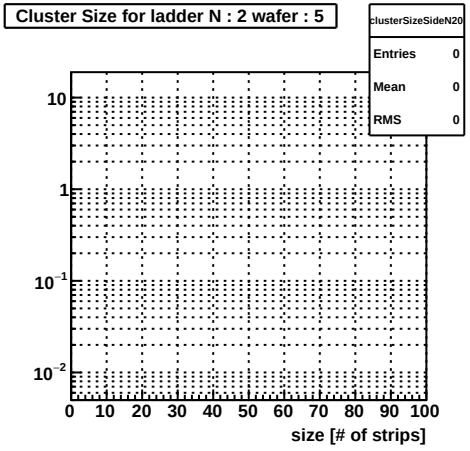

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

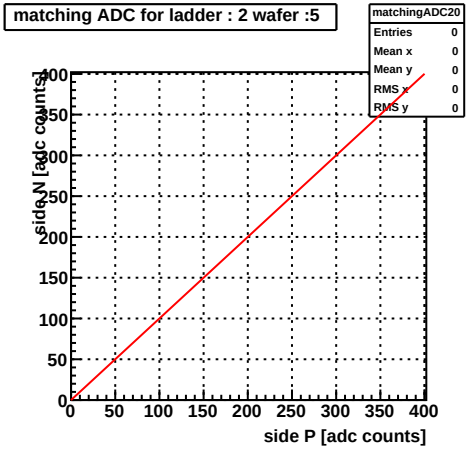

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

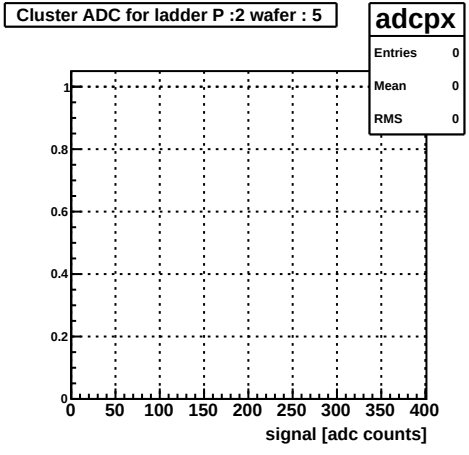

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

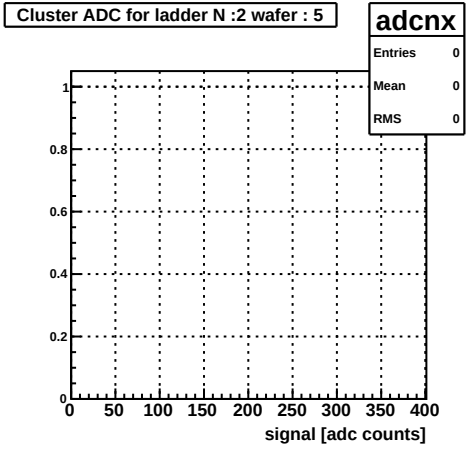

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

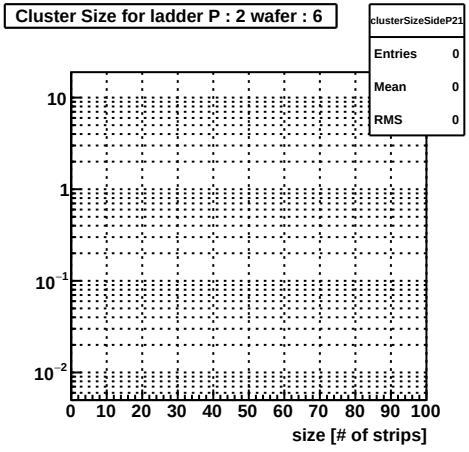

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

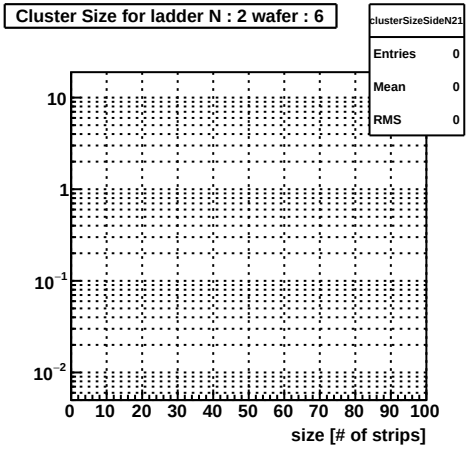

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

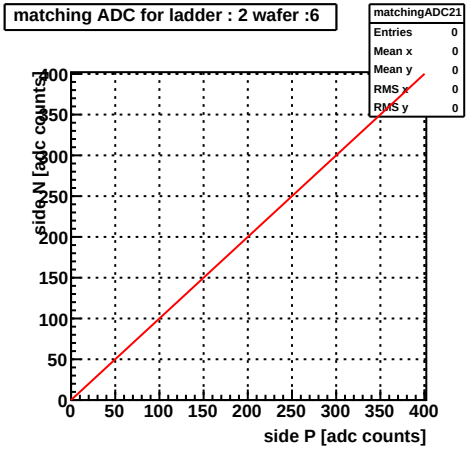

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

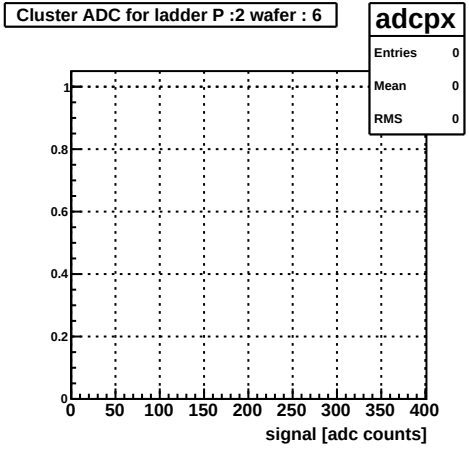

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

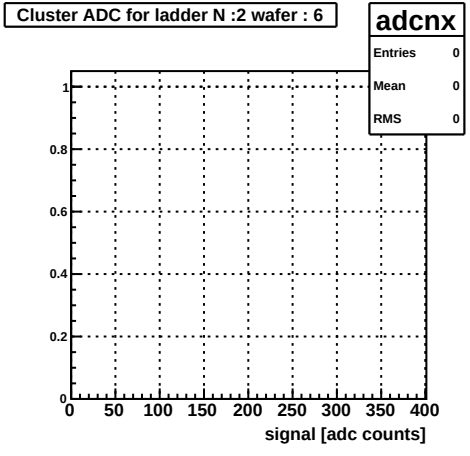

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

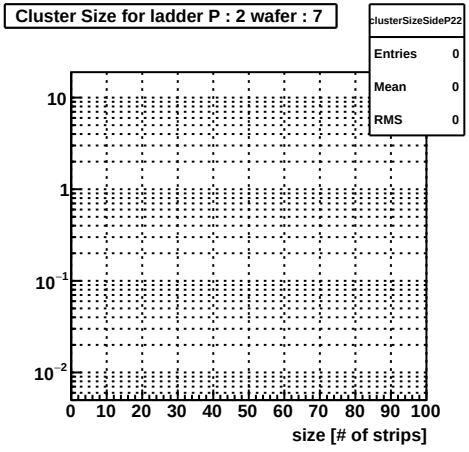

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

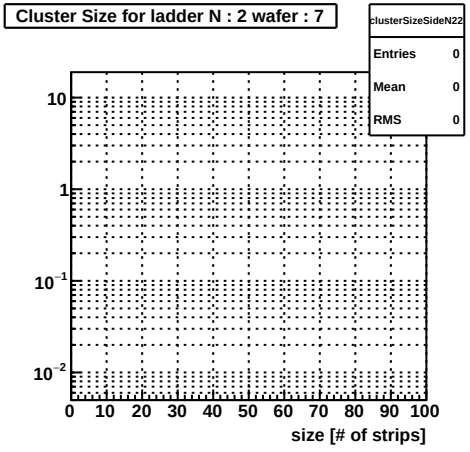

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

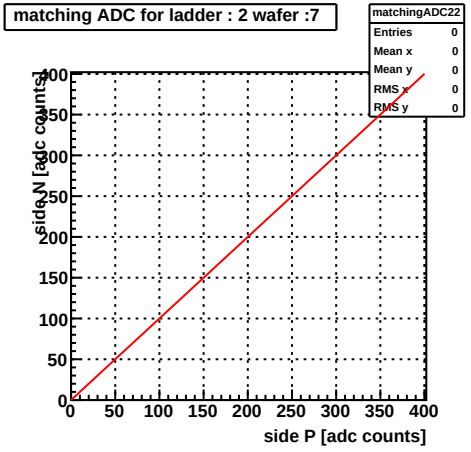

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

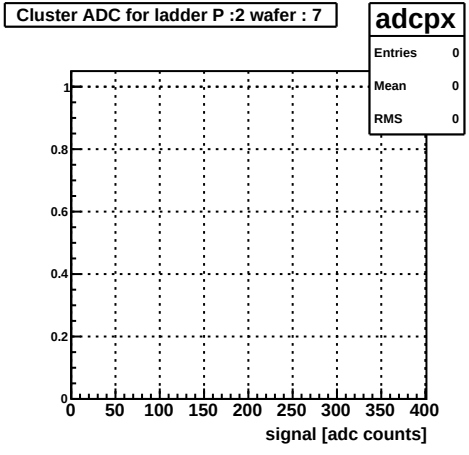

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

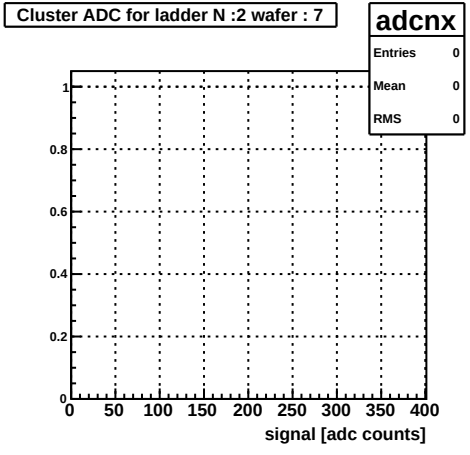

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

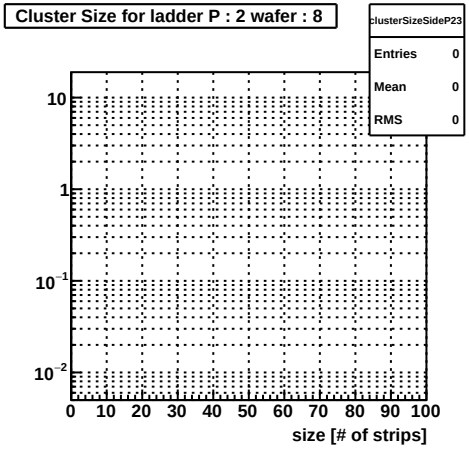

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

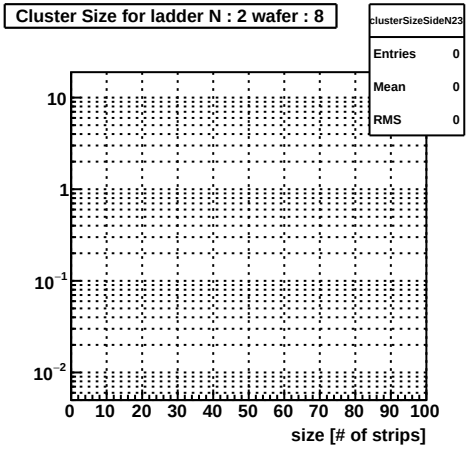

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

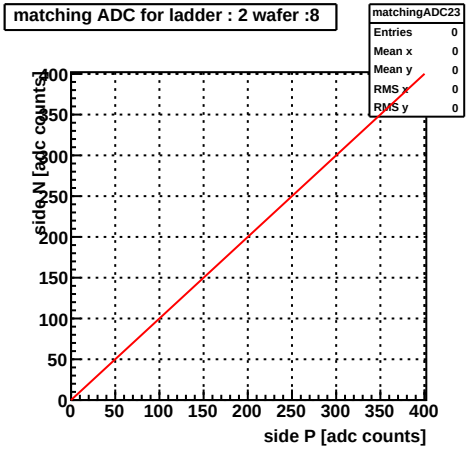

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

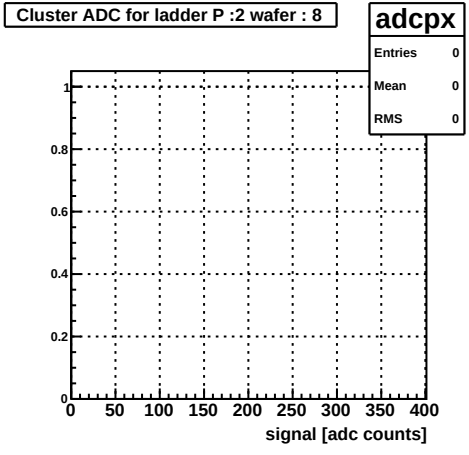

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

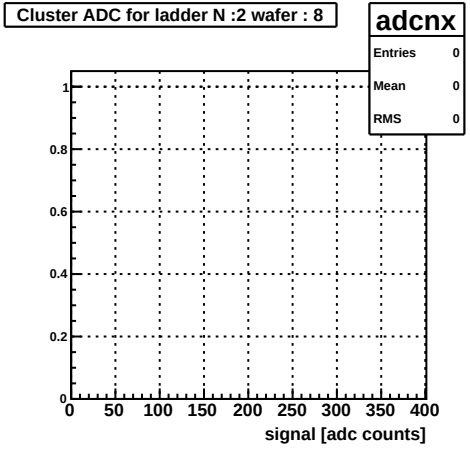

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

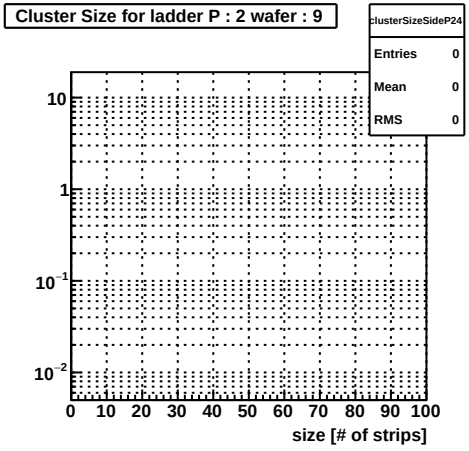

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

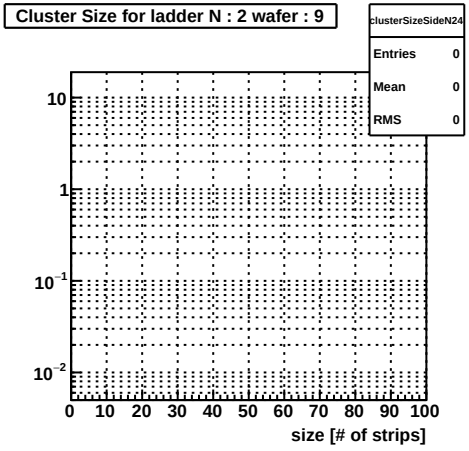

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

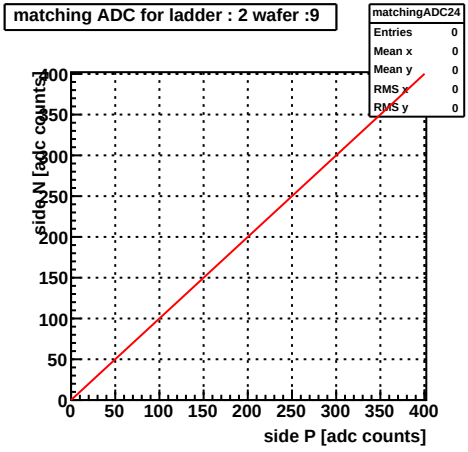

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

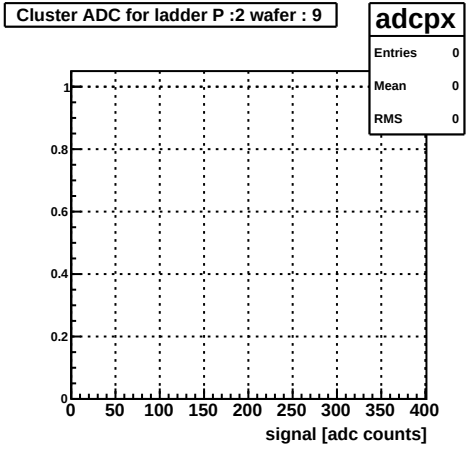

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

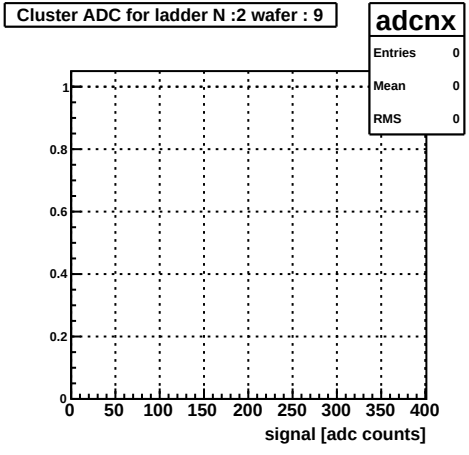

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

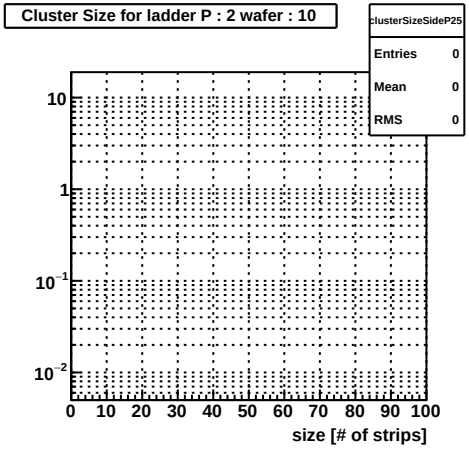

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

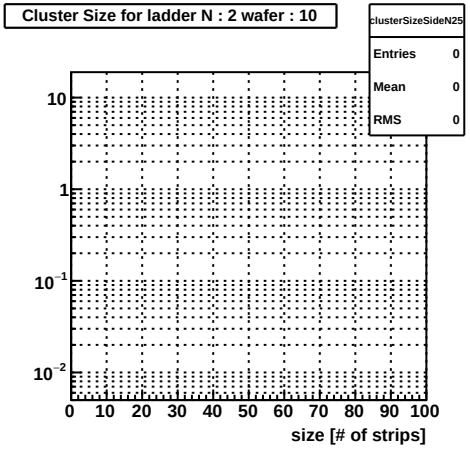

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

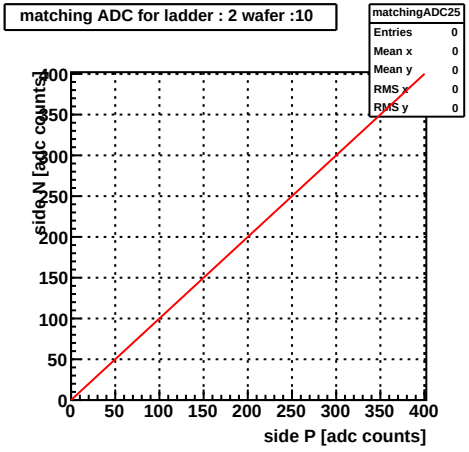

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

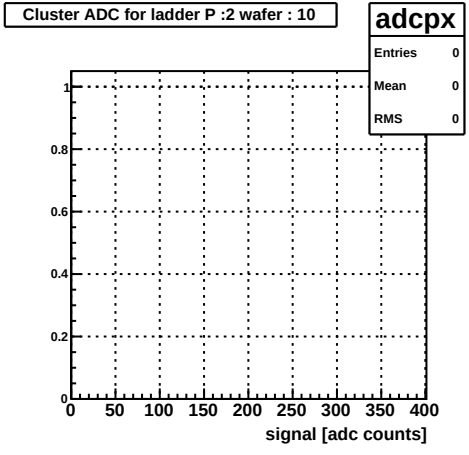

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

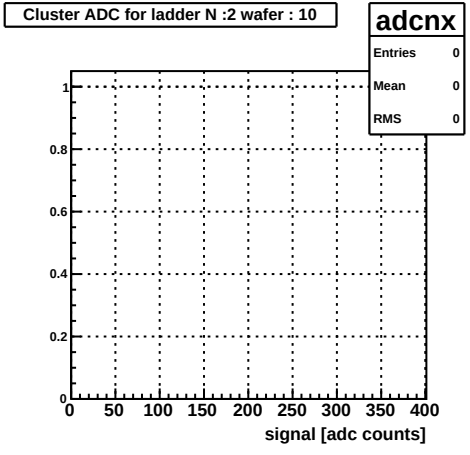

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

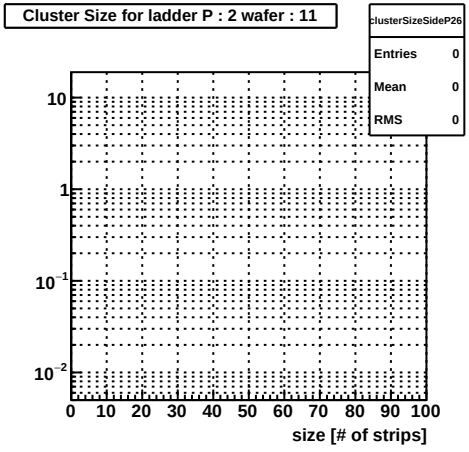

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

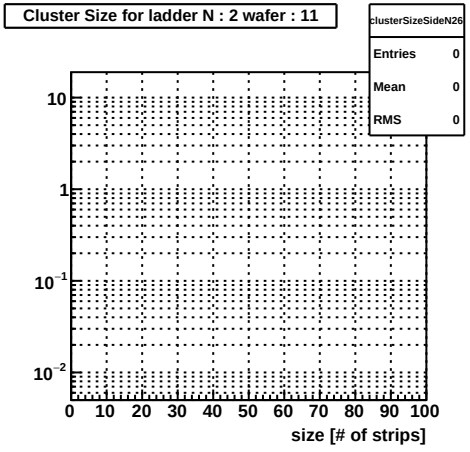

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

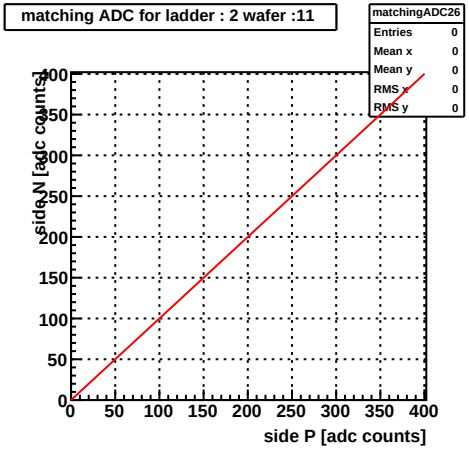

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

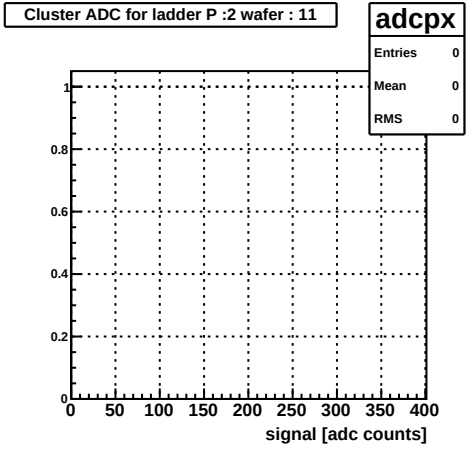

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

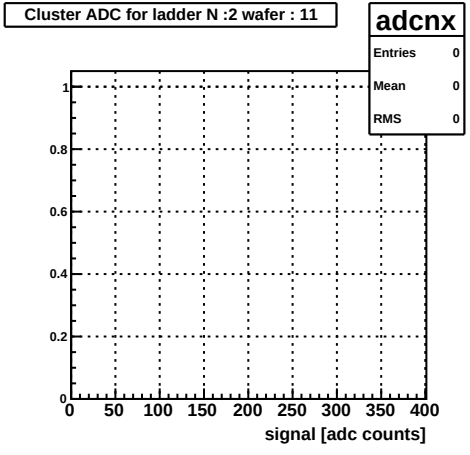

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

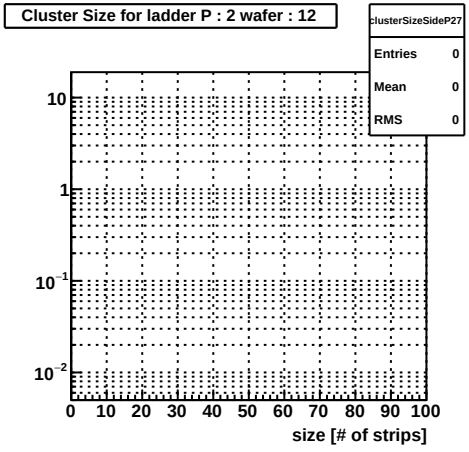

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

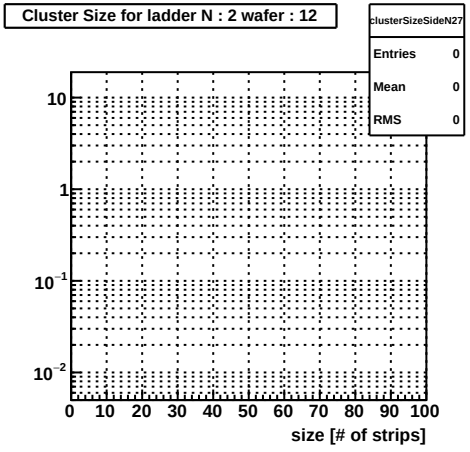

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

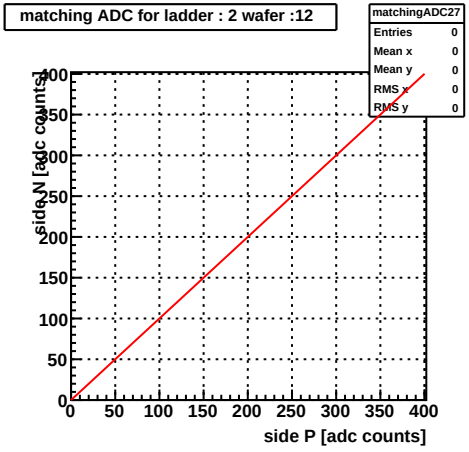

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

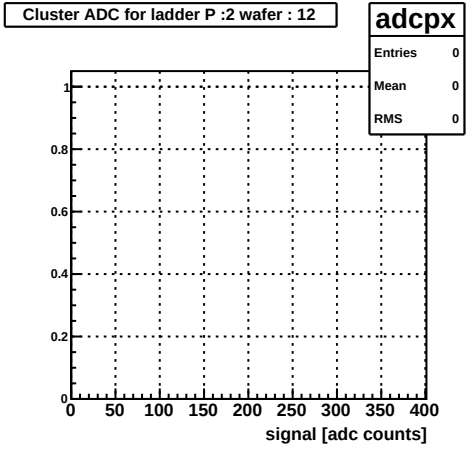

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

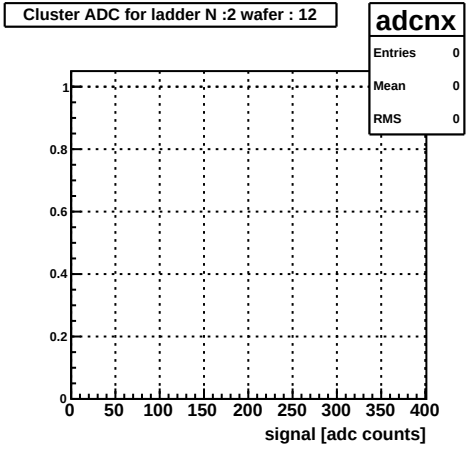

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

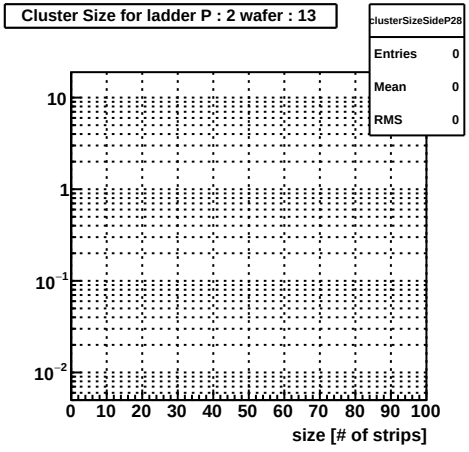

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

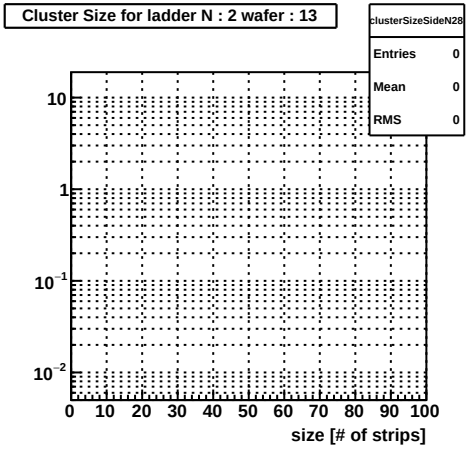

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

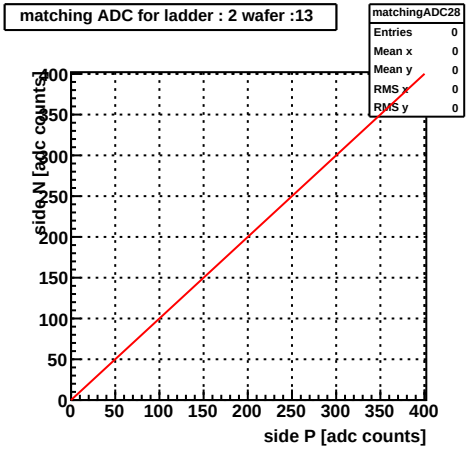

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

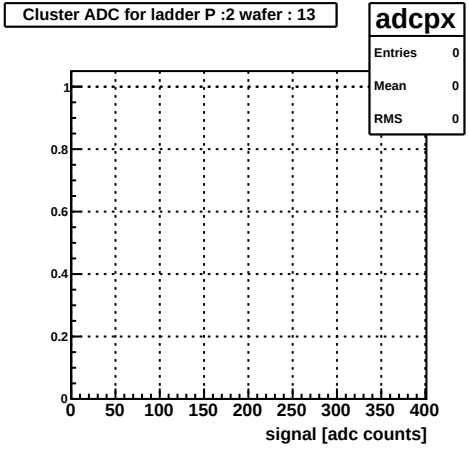

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

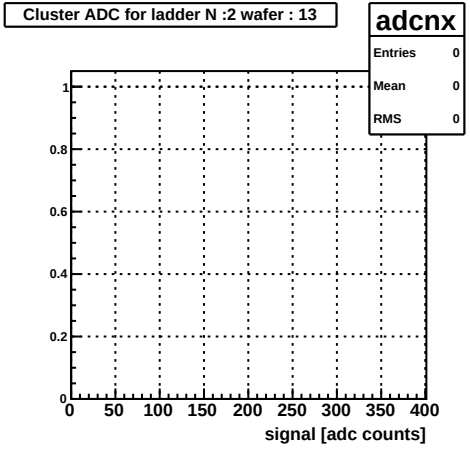

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

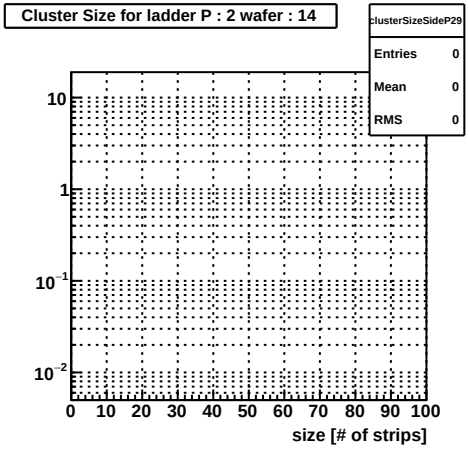

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

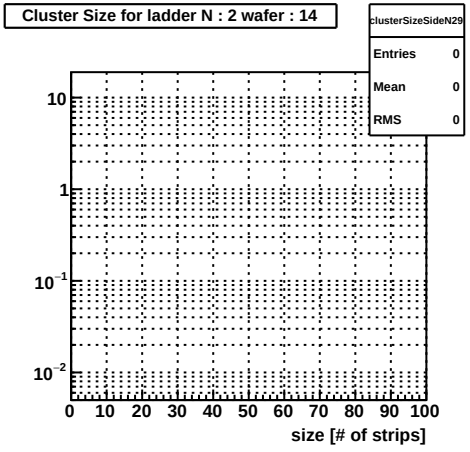

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

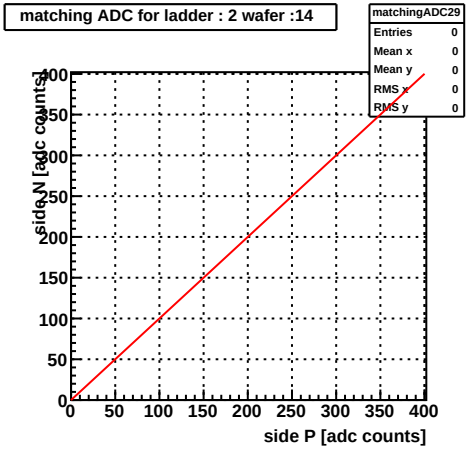

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

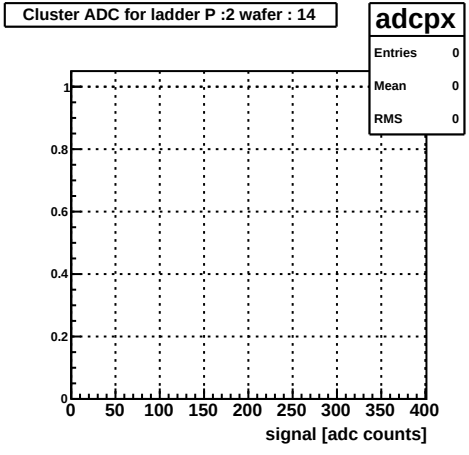

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

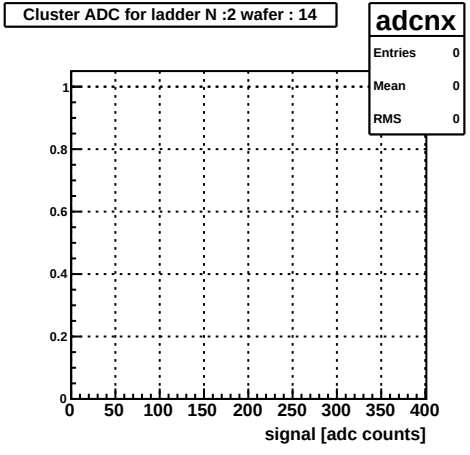

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

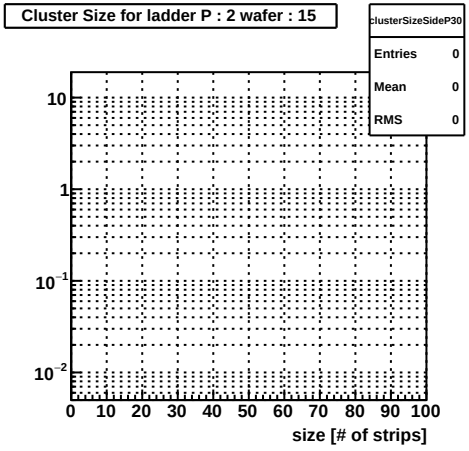

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

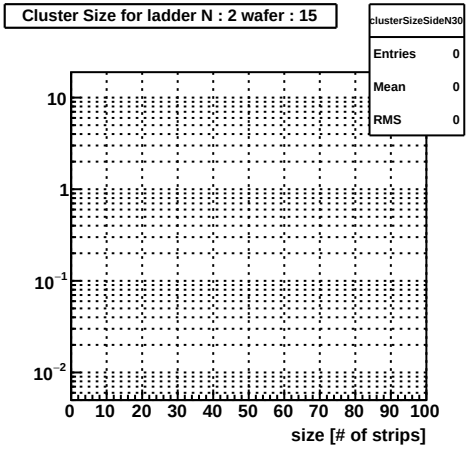

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

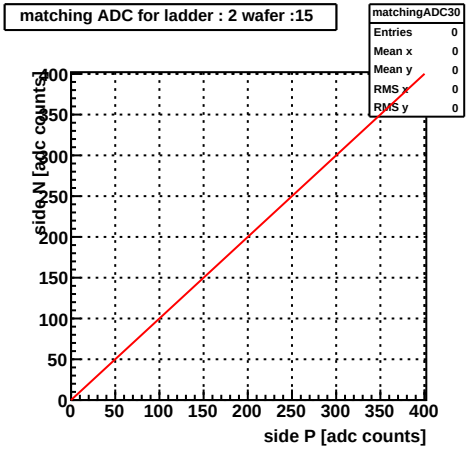

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

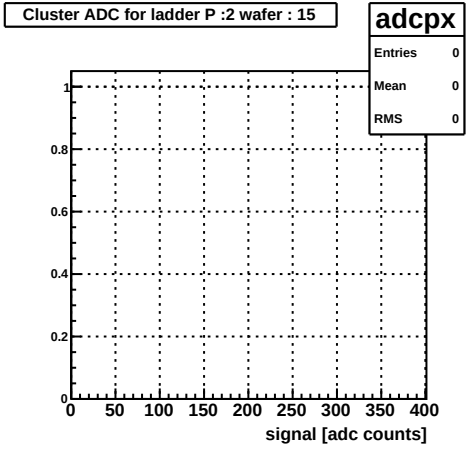

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

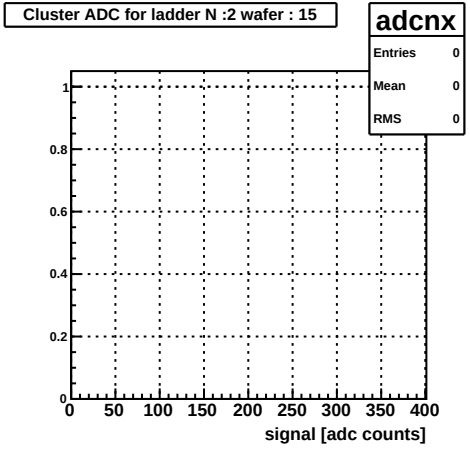

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

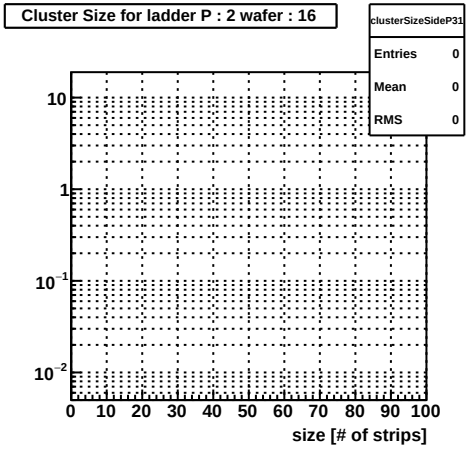

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

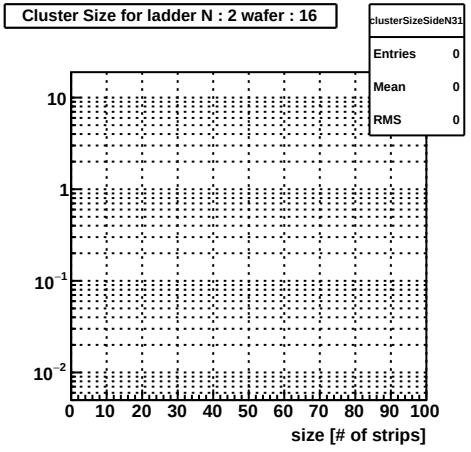

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

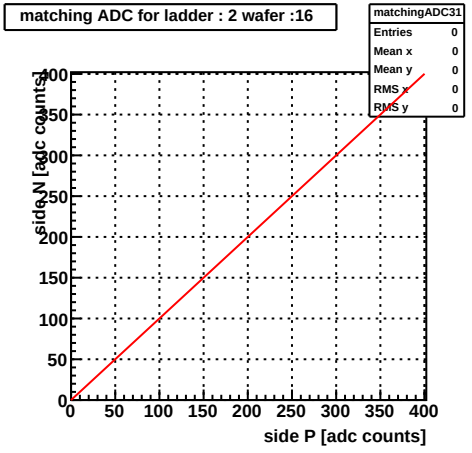

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

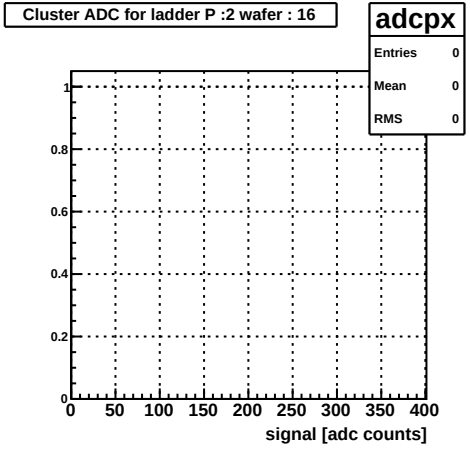

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

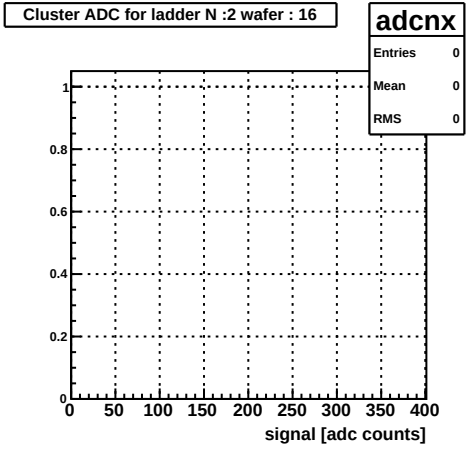

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

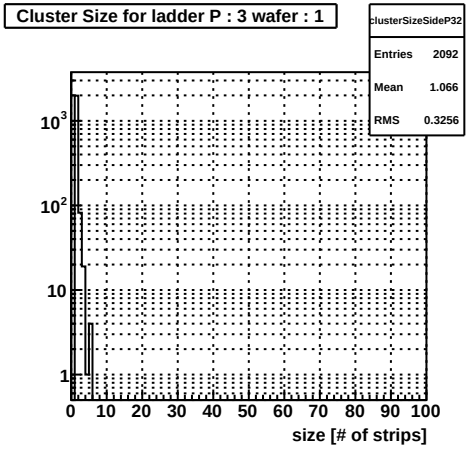

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

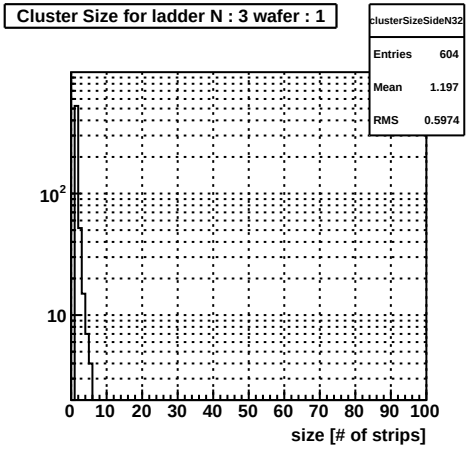

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

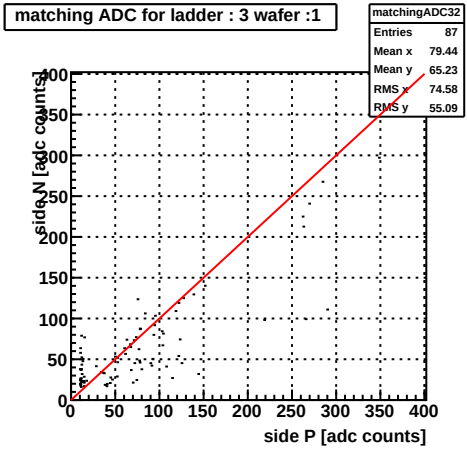

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

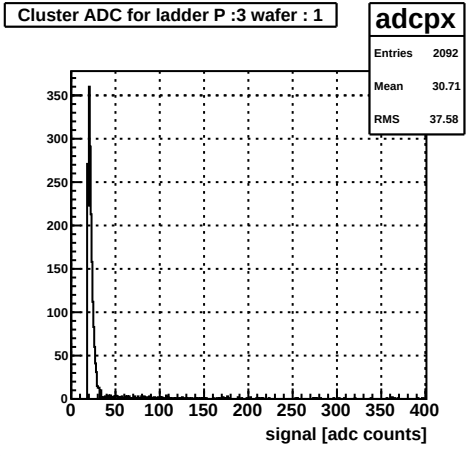

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

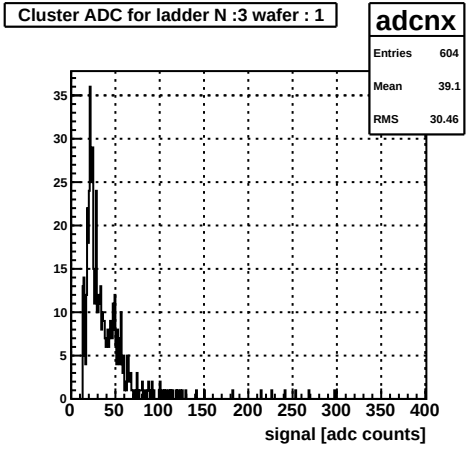

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

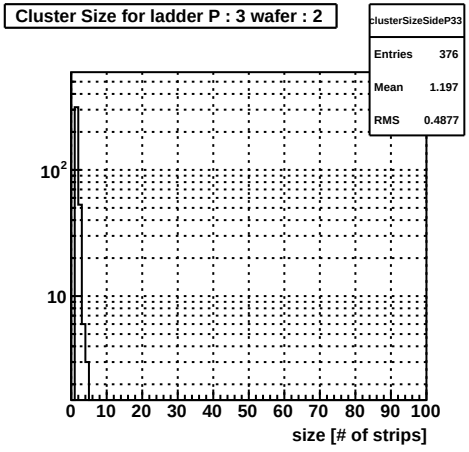

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 2092
Mean 1.066
RMS 0.3256
size [# of strips]

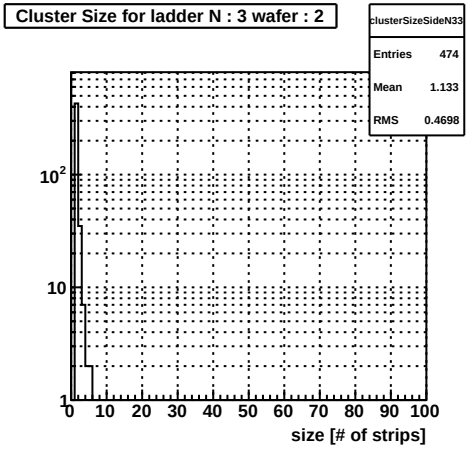

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 604
Mean 1.197
RMS 0.5974
size [# of strips]

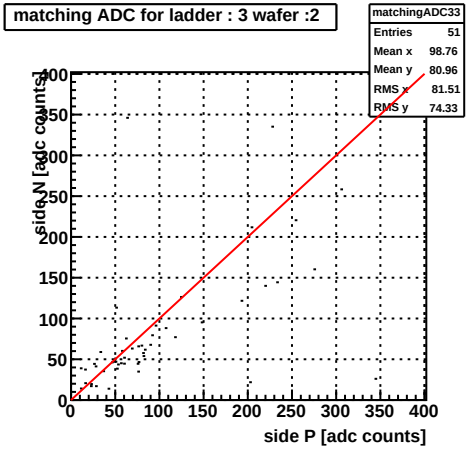

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 87
Mean x 79.44
Mean y 65.23
RMS x 74.58
RMS y 55.09
side N [adc counts]
side P [adc counts]

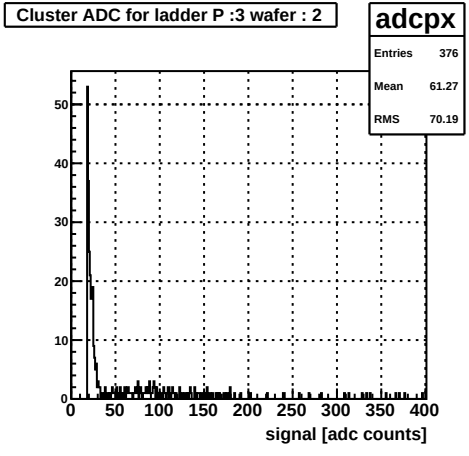

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 2092
Mean 30.71
RMS 37.58
signal [adc counts]

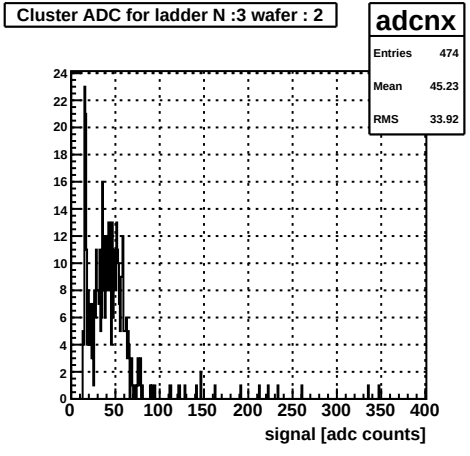

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 604
Mean 39.1
RMS 30.46
signal [adc counts]

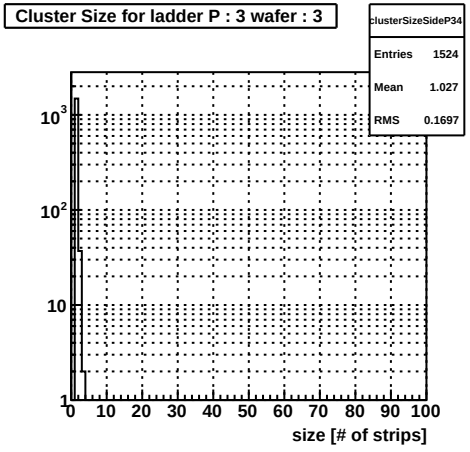

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 376
Mean 1.197
RMS 0.4877
size [# of strips]

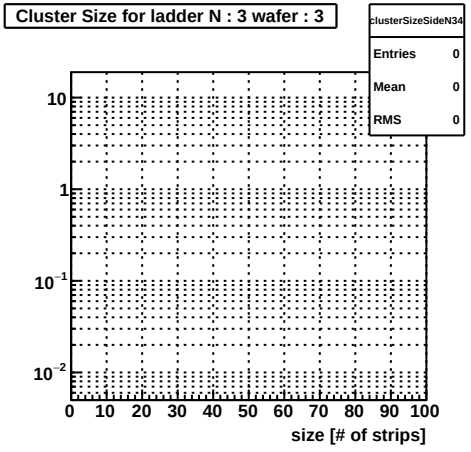

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 474
Mean 1.133
RMS 0.4698
size [# of strips]

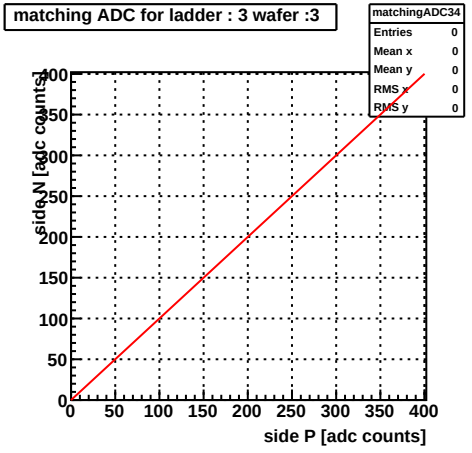

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 51
Mean x 98.76
Mean y 80.96
RMS x 81.51
RMS y 74.33
side N [adc counts]
side P [adc counts]

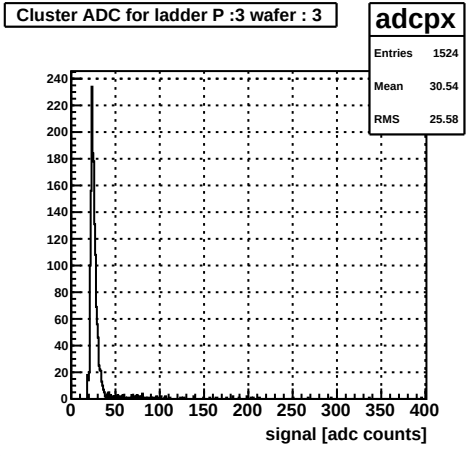

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 376
Mean 61.27
RMS 70.19
signal [adc counts]

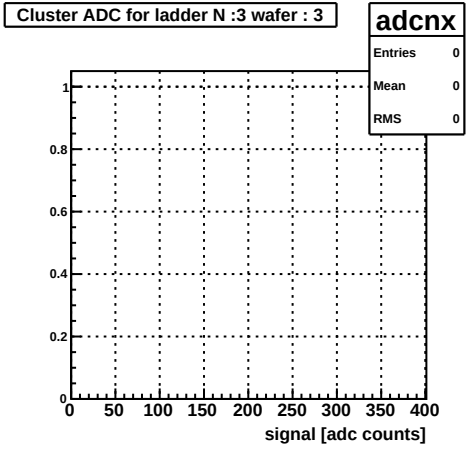

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 474
Mean 45.23
RMS 33.92
signal [adc counts]

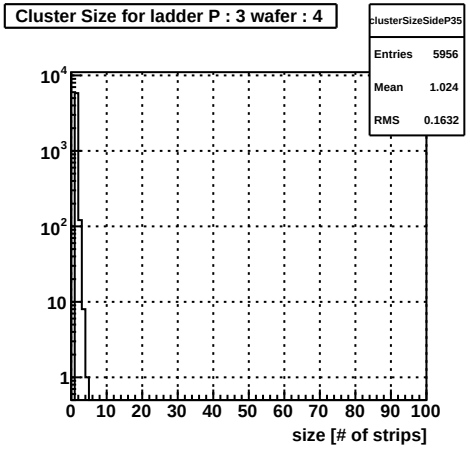

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 1524
Mean 1.027
RMS 0.1697
size [# of strips]

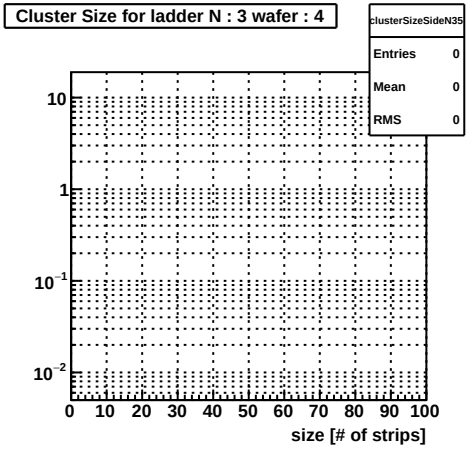

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

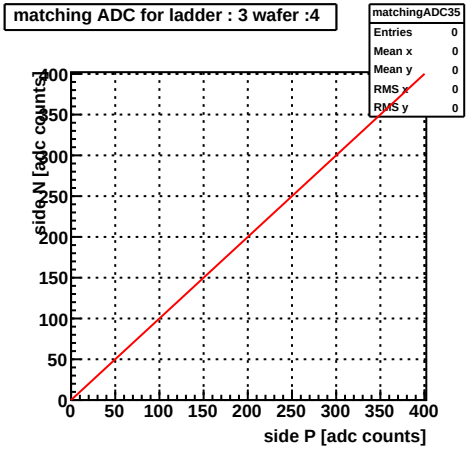

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

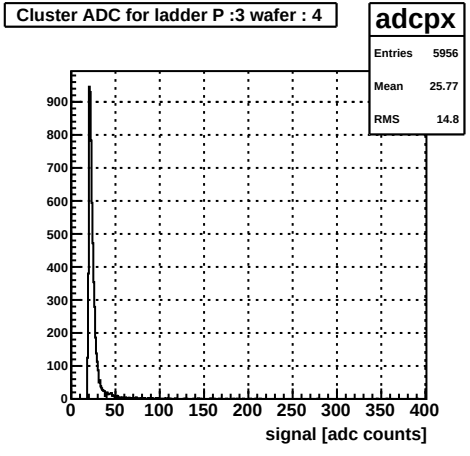

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 1524
Mean 30.54
RMS 25.58
signal [adc counts]

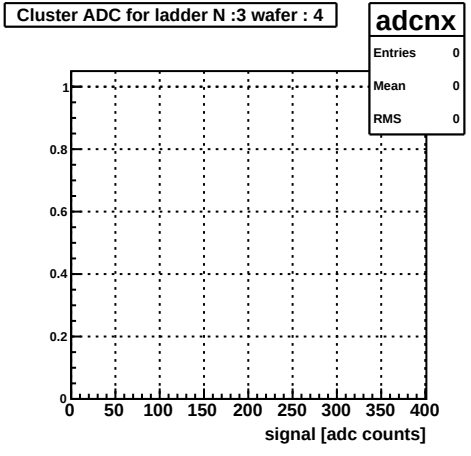

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

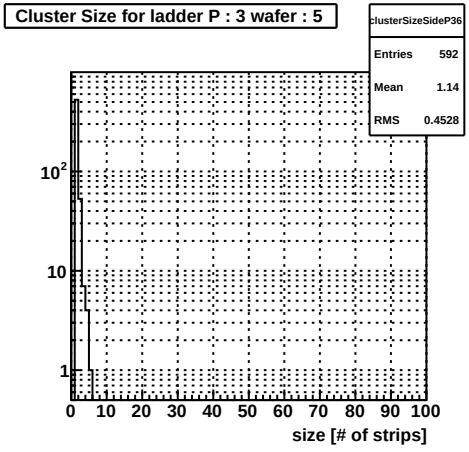

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 5956
Mean 1.024
RMS 0.1632
size [# of strips]

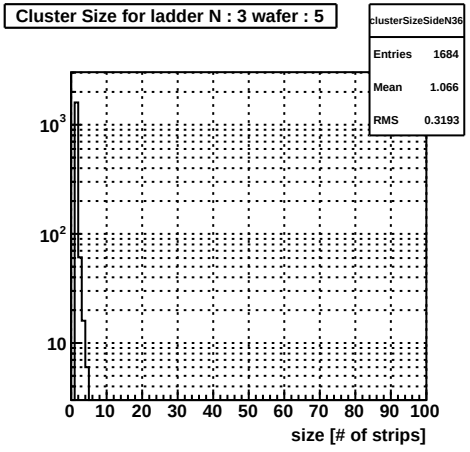

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

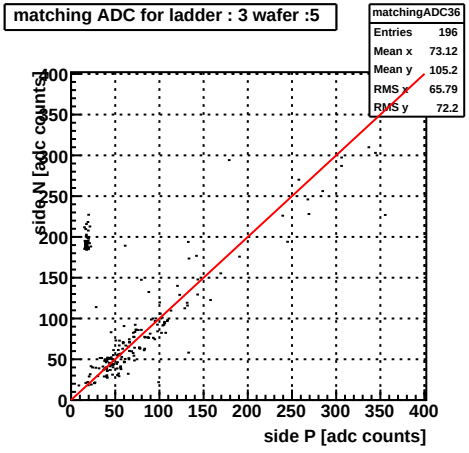

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

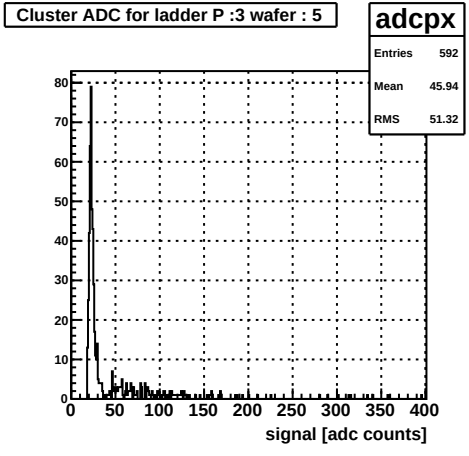

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 5956
Mean 25.77
RMS 14.8
signal [adc counts]

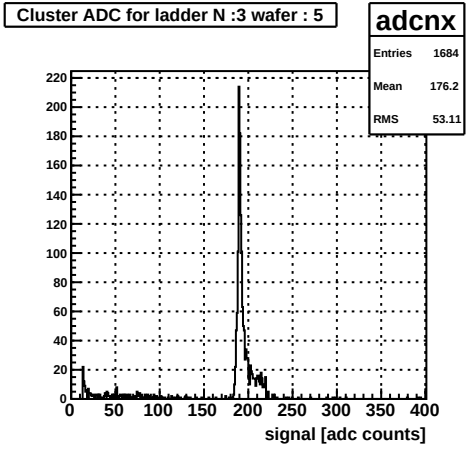

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

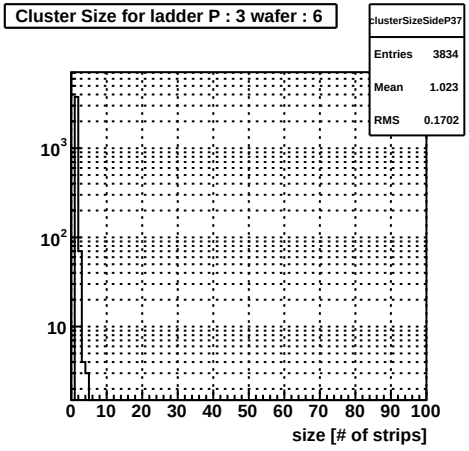

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 592
Mean 1.14
RMS 0.4528
size [# of strips]

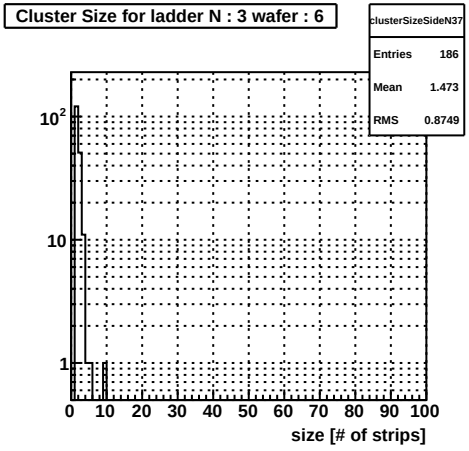

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 1684
Mean 1.066
RMS 0.3193
size [# of strips]

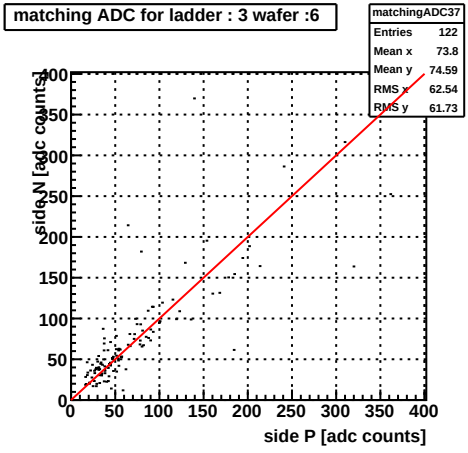

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 196
Mean x 73.12
Mean y 105.2
RMS x 65.79
RMS y 72.2
side N [adc counts]
side P [adc counts]

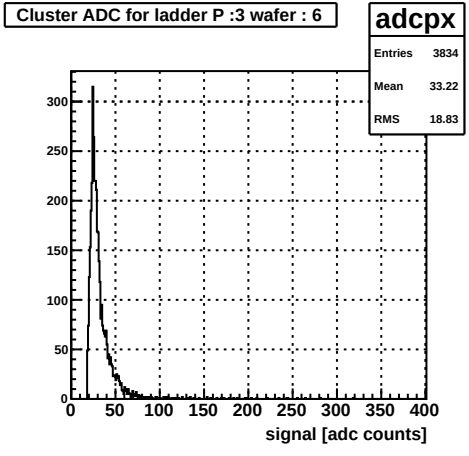

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 592
Mean 45.94
RMS 51.32
signal [adc counts]

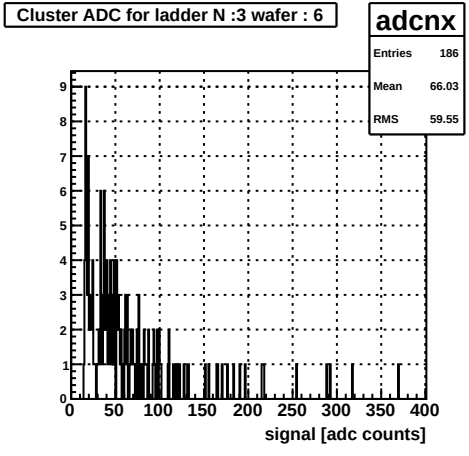

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 1684
Mean 176.2
RMS 53.11
signal [adc counts]

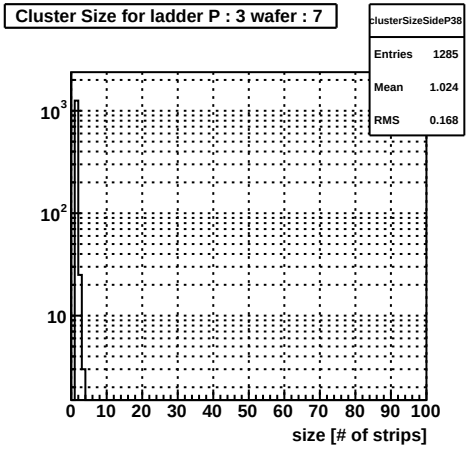

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 3834
Mean 1.023
RMS 0.1702
size [# of strips]

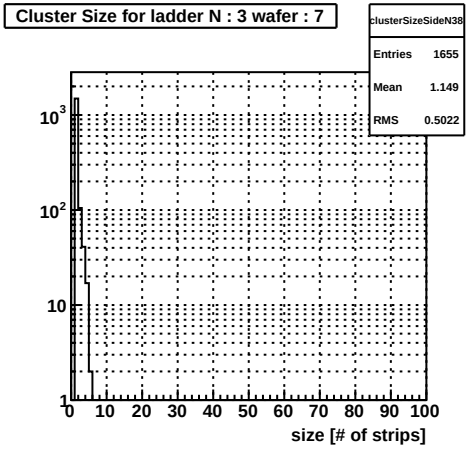

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 186
Mean 1.473
RMS 0.8749
size [# of strips]

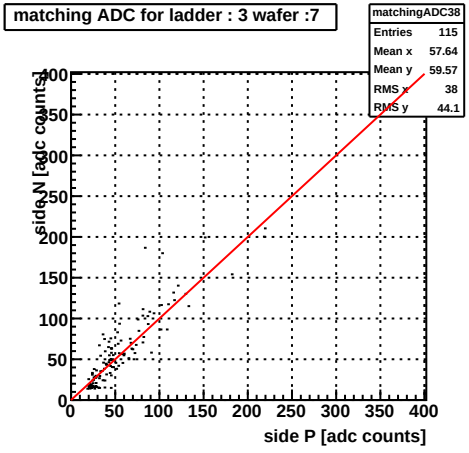

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 122
Mean x 73.8
Mean y 74.59
RMS x 62.54
RMS y 61.73
side N [adc counts]
side P [adc counts]

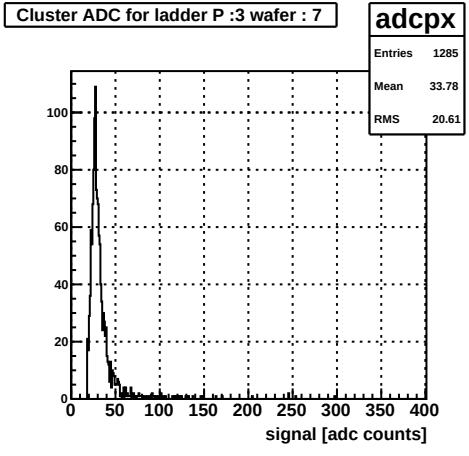

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 3834
Mean 33.22
RMS 18.83
signal [adc counts]

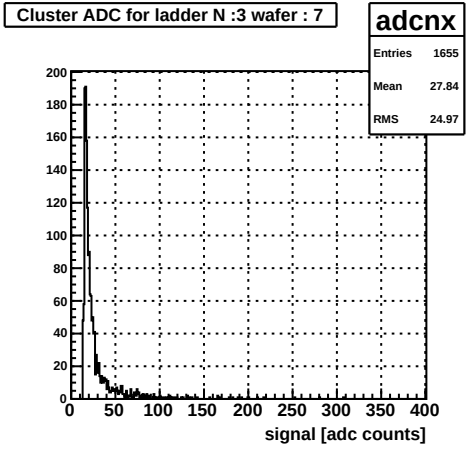

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 186
Mean 66.03
RMS 59.55
signal [adc counts]

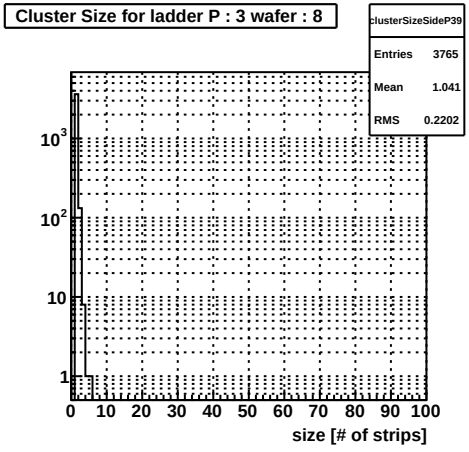

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 1285
Mean 1.024
RMS 0.168
size [# of strips]

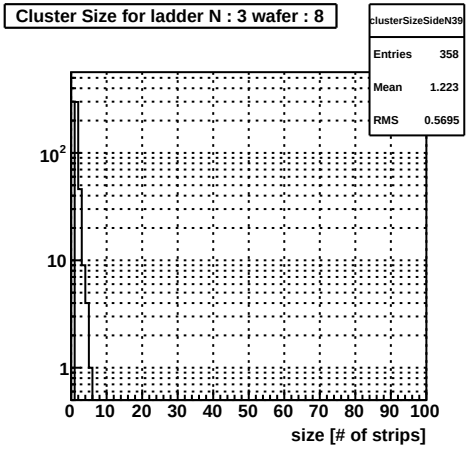

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 1655
Mean 1.149
RMS 0.5022
size [# of strips]

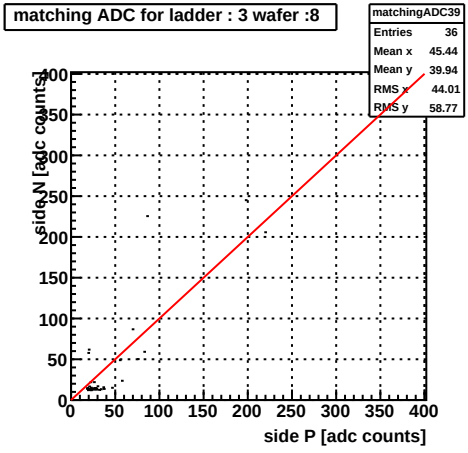

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 115
Mean x 57.64
Mean y 59.57
RMS x 38
RMS y 44.1
side N [adc counts]
side P [adc counts]

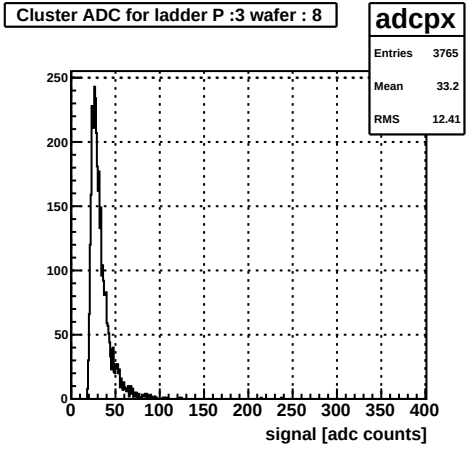

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 1285
Mean 33.78
RMS 20.61
signal [adc counts]

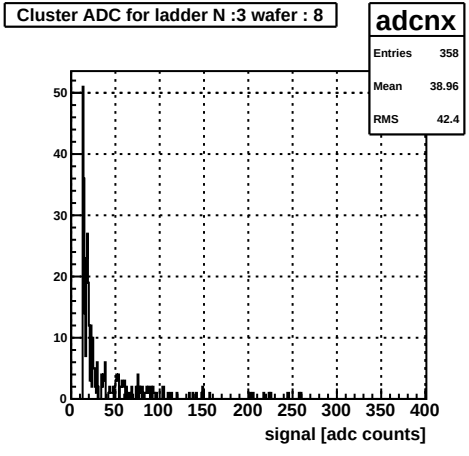

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 1655
Mean 27.84
RMS 24.97
signal [adc counts]

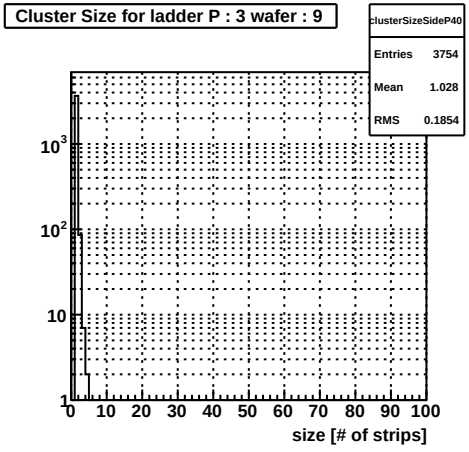

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 3765
Mean 1.041
RMS 0.2202
size [# of strips]

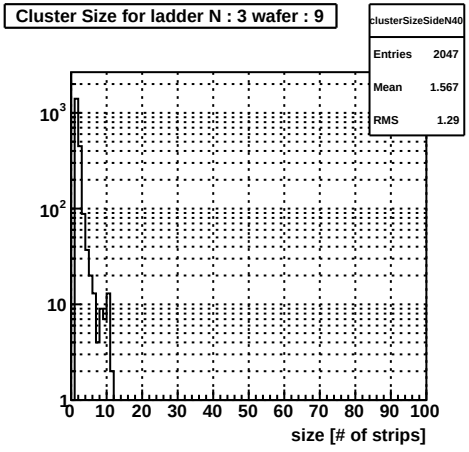

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 358
Mean 1.223
RMS 0.5695
size [# of strips]

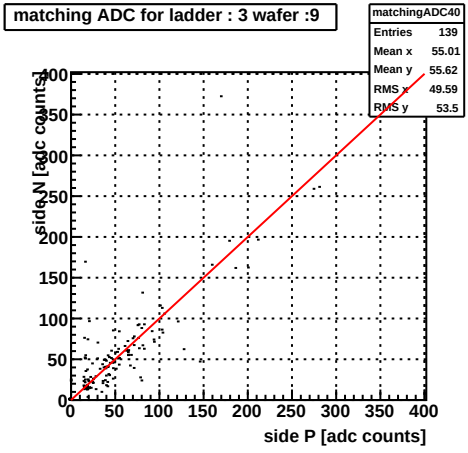

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 36
Mean x 45.44
Mean y 39.94
RMS x 44.01
RMS y 58.77
side N [adc counts]
side P [adc counts]

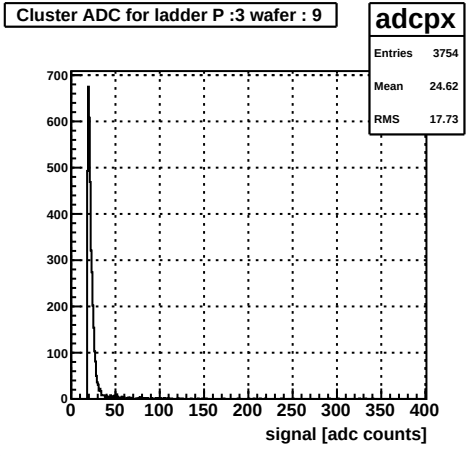

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 3765
Mean 33.2
RMS 12.41
signal [adc counts]

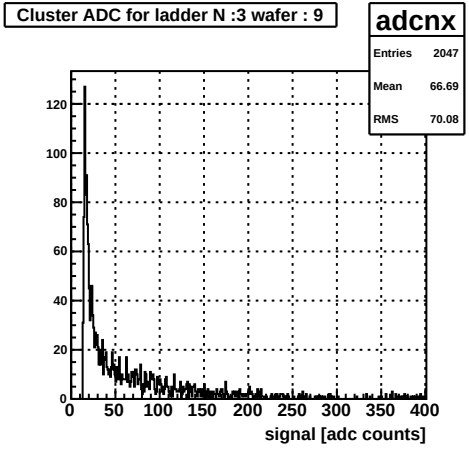

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 358
Mean 38.96
RMS 42.4
signal [adc counts]

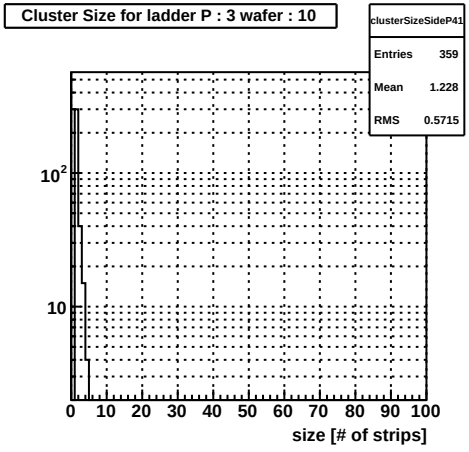

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 3754
Mean 1.028
RMS 0.1854
size [# of strips]

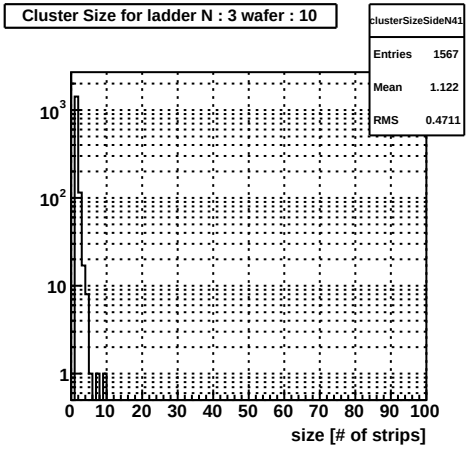

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 2047
Mean 1.567
RMS 1.29
size [# of strips]

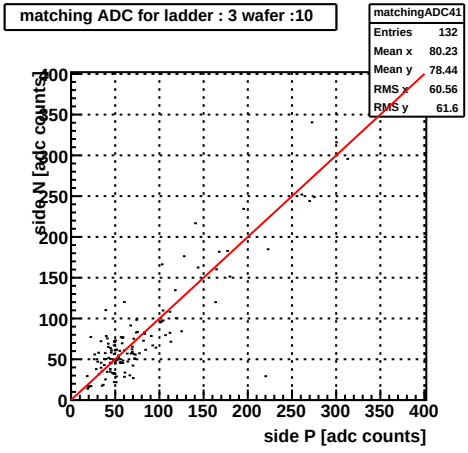

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 139
Mean x 55.01
Mean y 55.62
RMS x 49.59
RMS y 53.5
side N [adc counts]
side P [adc counts]

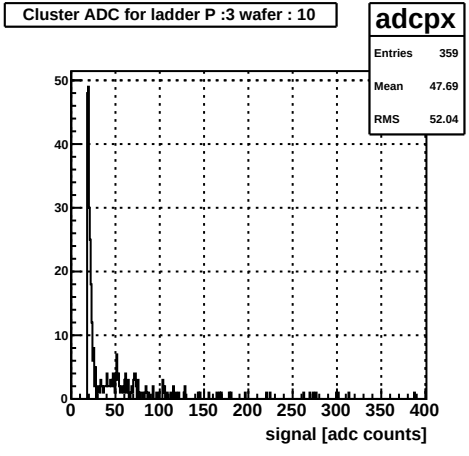

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 3754
Mean 24.62
RMS 17.73
signal [adc counts]

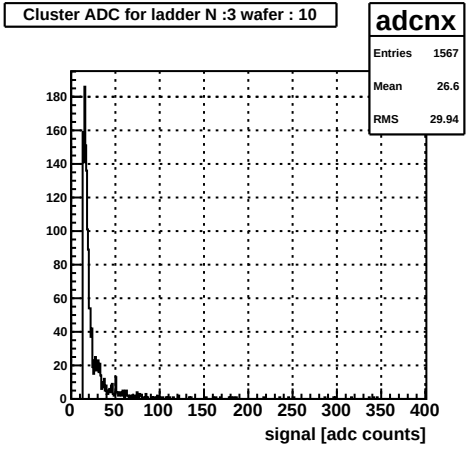

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 2047
Mean 66.69
RMS 70.08
signal [adc counts]

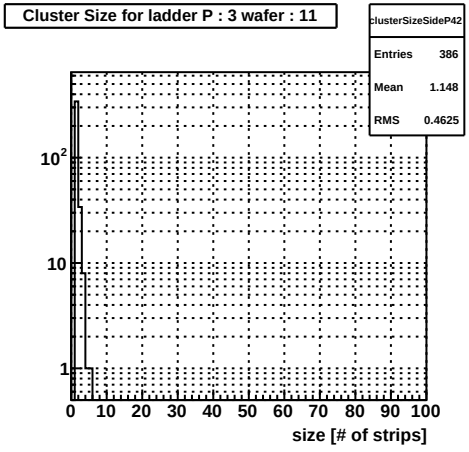

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 359
Mean 1.228
RMS 0.5715
size [# of strips]

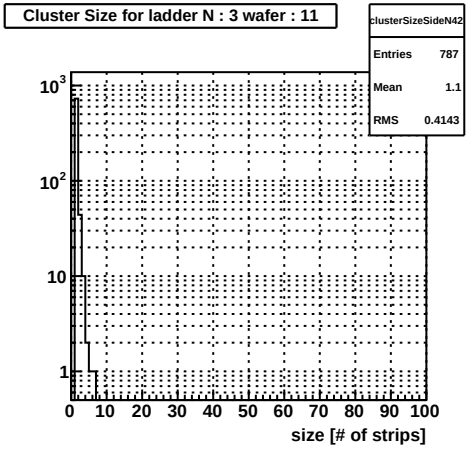

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 1567
Mean 1.122
RMS 0.4711
size [# of strips]

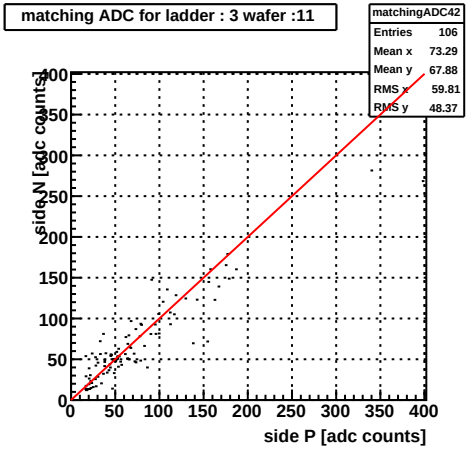

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 132
Mean x 80.23
Mean y 78.44
RMS x 60.56
RMS y 61.6
side N [adc counts]
side P [adc counts]

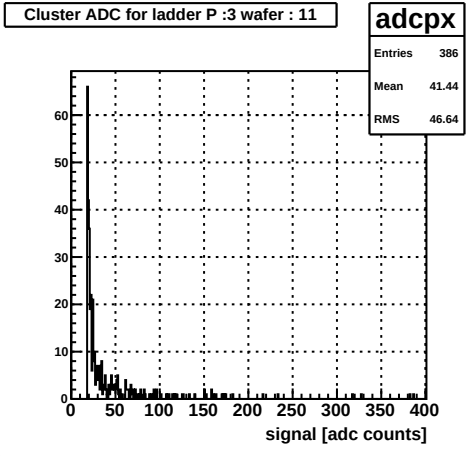

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 359
Mean 47.69
RMS 52.04
signal [adc counts]

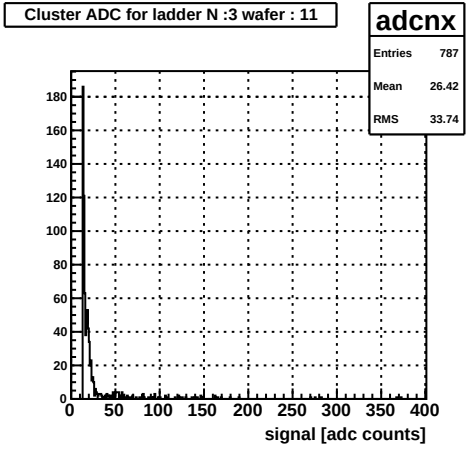

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 1567
Mean 26.6
RMS 29.94
signal [adc counts]

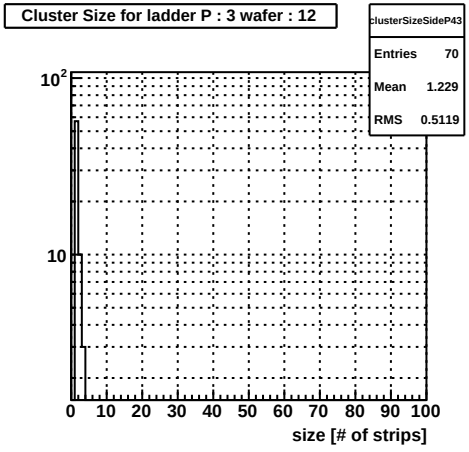

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 386
Mean 1.148
RMS 0.4625
size [# of strips]

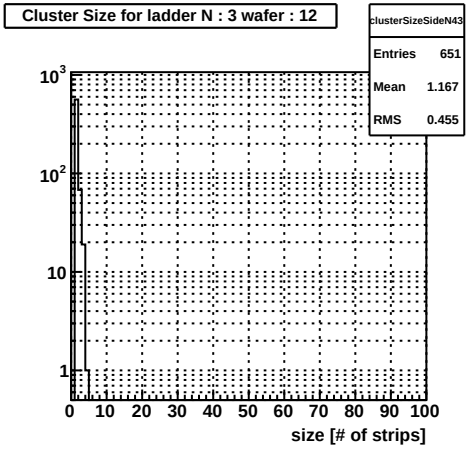

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 787
Mean 1.1
RMS 0.4143
size [# of strips]

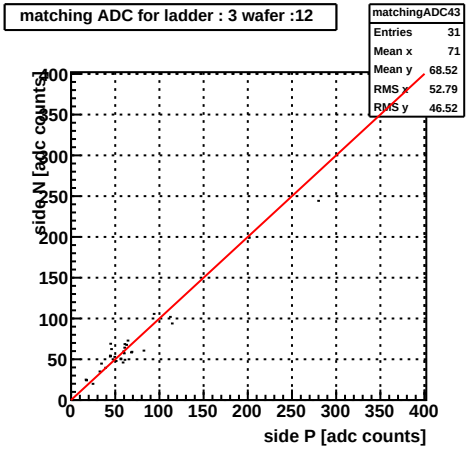

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 106
Mean x 73.29
Mean y 67.88
RMS x 59.81
RMS y 48.37
side N [adc counts]
side P [adc counts]

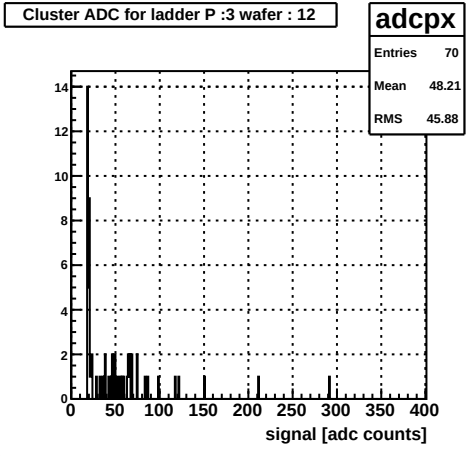

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 386
Mean 41.44
RMS 46.64
signal [adc counts]

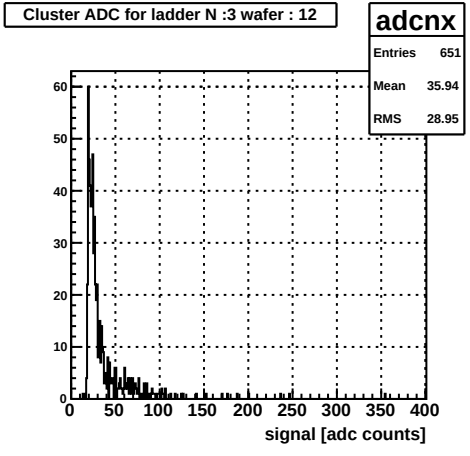

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 787
Mean 26.42
RMS 33.74
signal [adc counts]

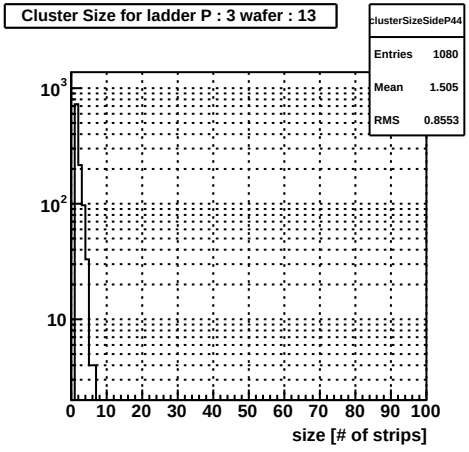

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 70
Mean 1.229
RMS 0.5119
size [# of strips]

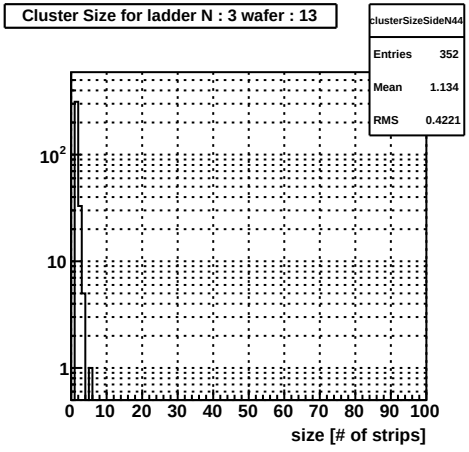

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 651
Mean 1.167
RMS 0.455
size [# of strips]

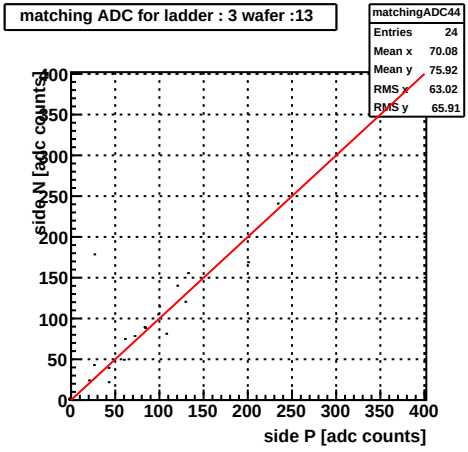

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 31
Mean x 71
Mean y 68.52
RMS x 52.79
RMS y 46.52
side N [adc counts]
side P [adc counts]

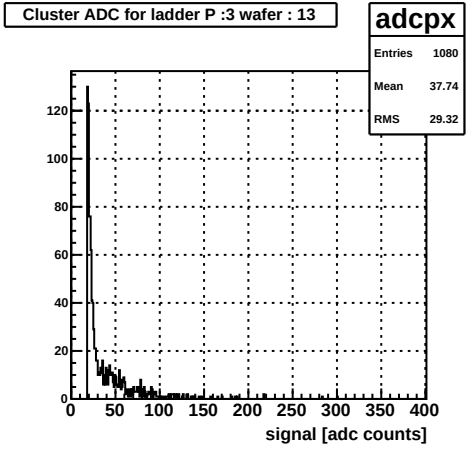

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 70
Mean 48.21
RMS 45.88
signal [adc counts]

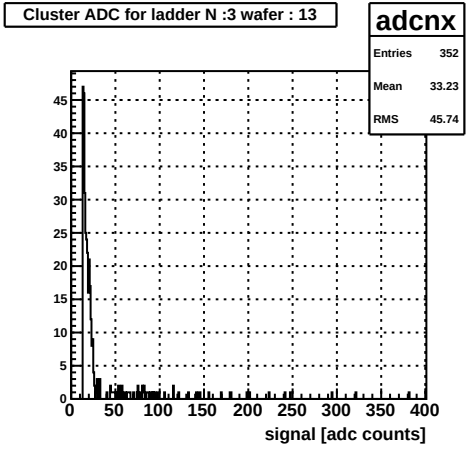

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 651
Mean 35.94
RMS 28.95
signal [adc counts]

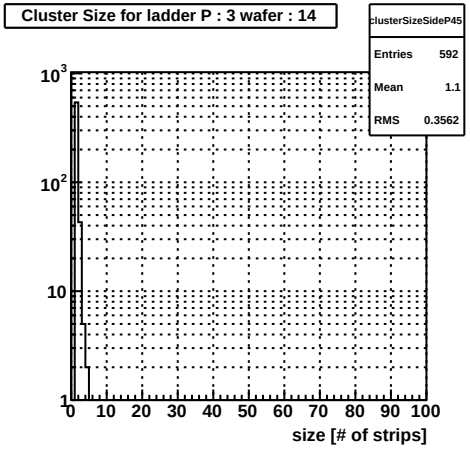

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 1080
Mean 1.505
RMS 0.8553
size [# of strips]

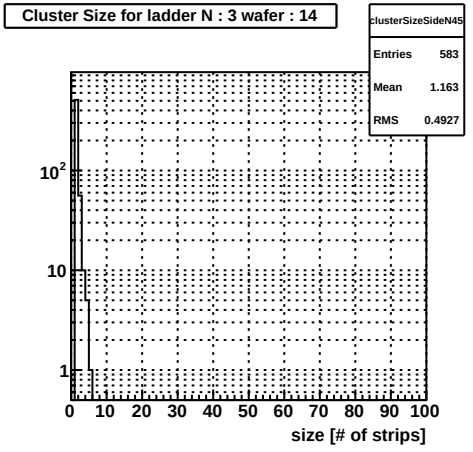

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 352
Mean 1.134
RMS 0.4221
size [# of strips]

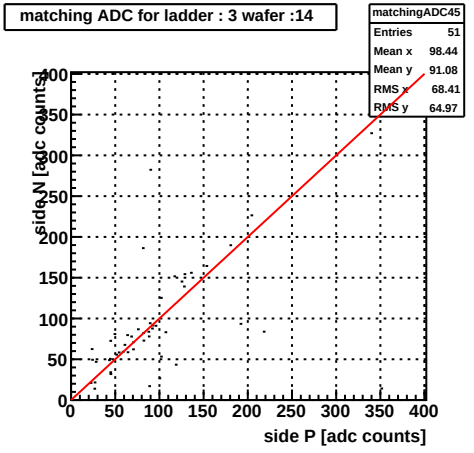

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 24
Mean x 70.08
Mean y 75.92
RMS x 63.02
RMS y 65.91
side N [adc counts]
side P [adc counts]

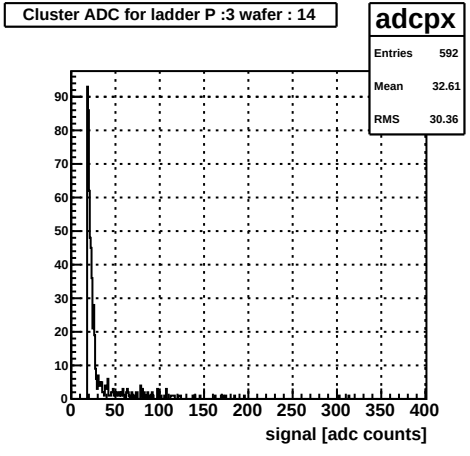

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 1080
Mean 37.74
RMS 29.32
signal [adc counts]

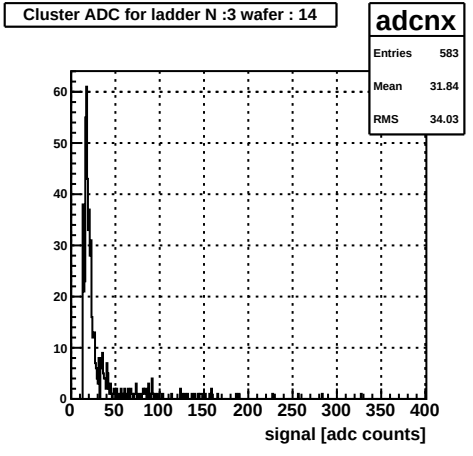

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 352
Mean 33.23
RMS 45.74
signal [adc counts]

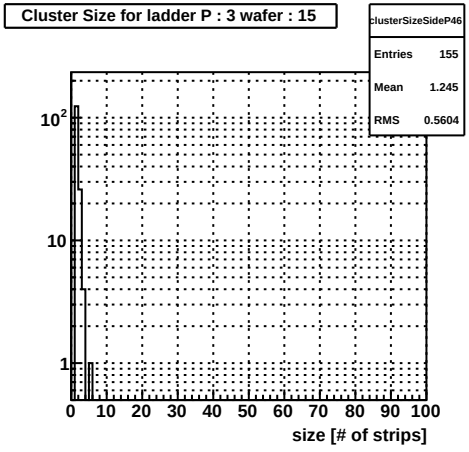

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 592
Mean 1.1
RMS 0.3562
size [# of strips]

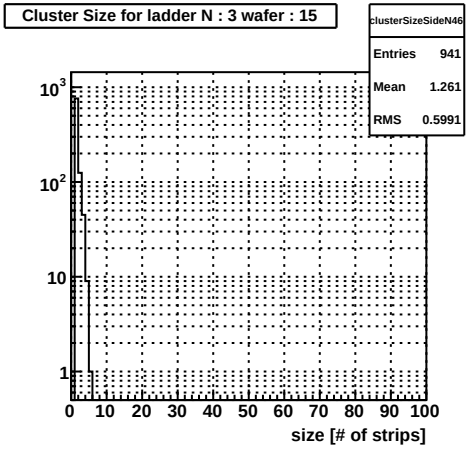

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 583
Mean 1.163
RMS 0.4927
size [# of strips]

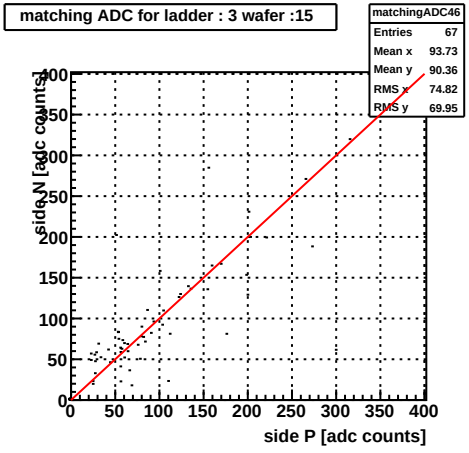

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 51
Mean x 98.44
Mean y 91.08
RMS x 68.41
RMS y 64.97
side N [adc counts]
side P [adc counts]

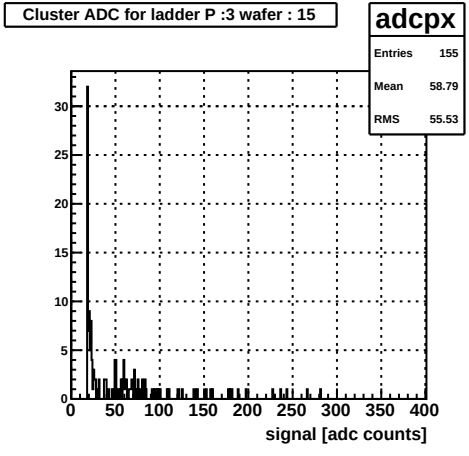

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 592
Mean 32.61
RMS 30.36
signal [adc counts]

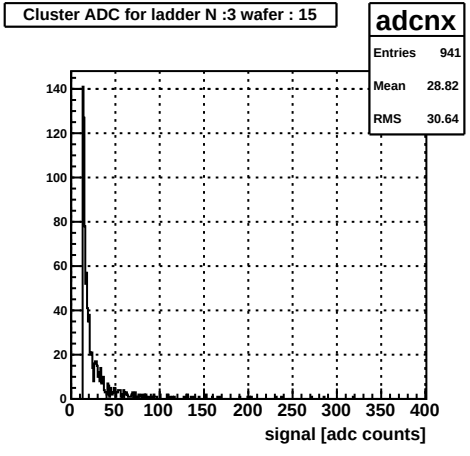

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 583
Mean 31.84
RMS 34.03
signal [adc counts]

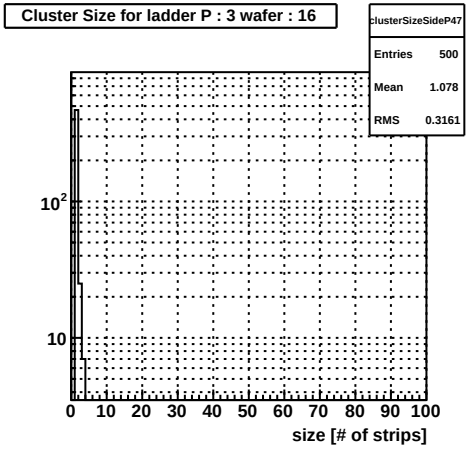

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 155
Mean 1.245
RMS 0.5604
size [# of strips]

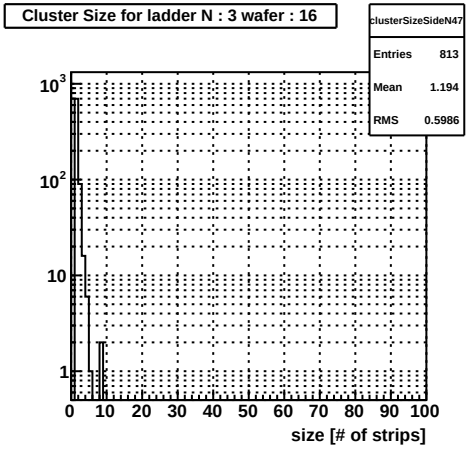

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 941
Mean 1.261
RMS 0.5991
size [# of strips]

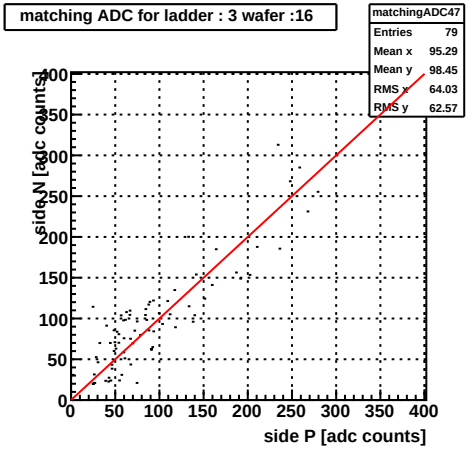

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 67
Mean x 93.73
Mean y 90.36
RMS x 74.82
RMS y 69.95
side N [adc counts]
side P [adc counts]

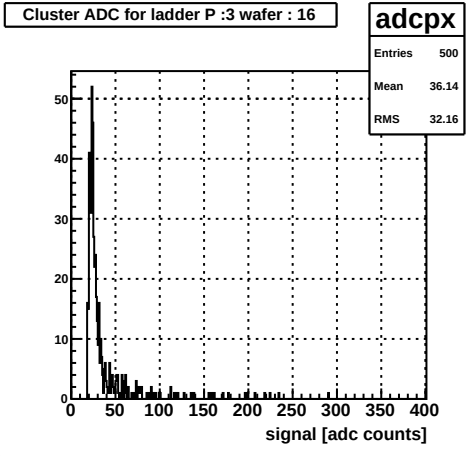

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 155
Mean 58.79
RMS 55.53
signal [adc counts]

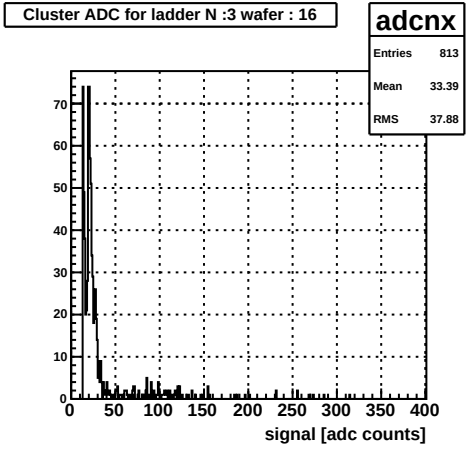

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 941
Mean 28.82
RMS 30.64
signal [adc counts]

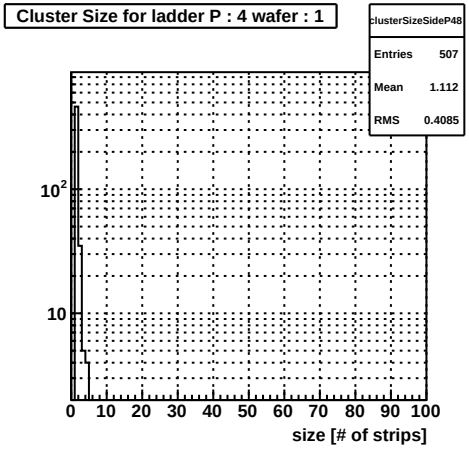

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 500
Mean 1.078
RMS 0.3161
size [# of strips]

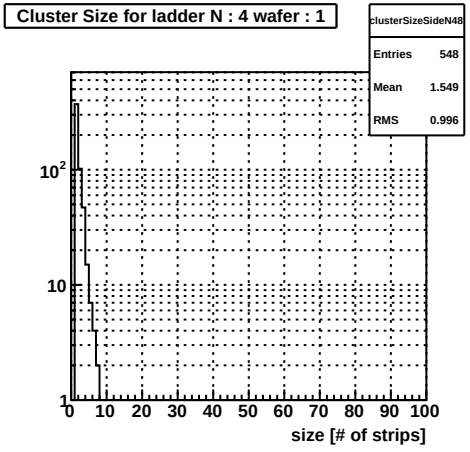

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 813
Mean 1.194
RMS 0.5986
size [# of strips]

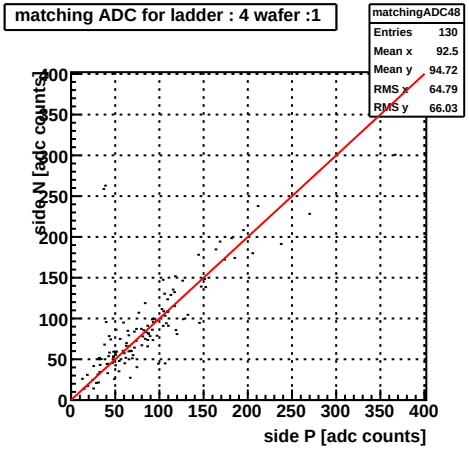

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 79
Mean x 95.29
Mean y 98.45
RMS x 64.03
RMS y 62.57
side N [adc counts]
side P [adc counts]

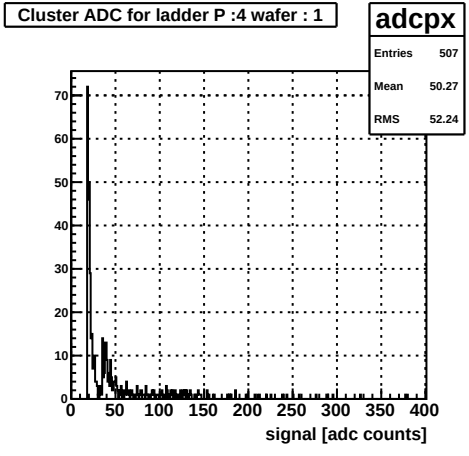

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 500
Mean 36.14
RMS 32.16
signal [adc counts]

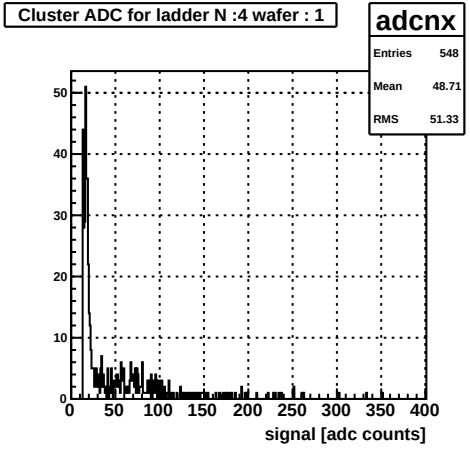

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 813
Mean 33.39
RMS 37.88
signal [adc counts]

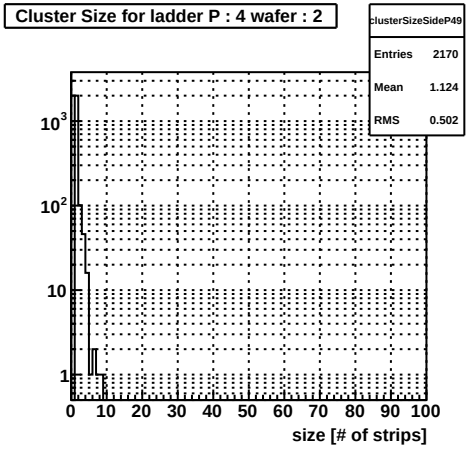

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 507
Mean 1.112
RMS 0.4085
size [# of strips]

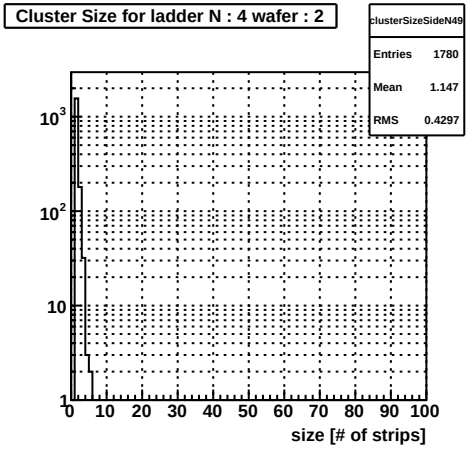

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 548
Mean 1.549
RMS 0.996
size [# of strips]

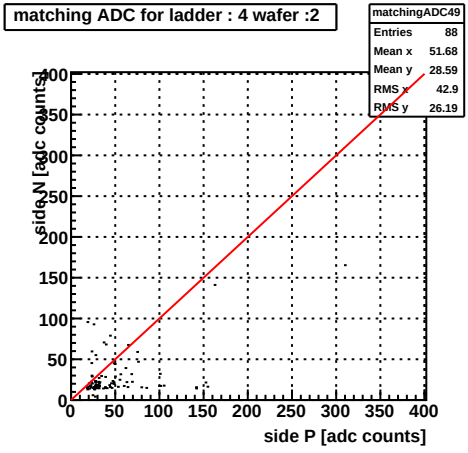

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 130
Mean x 92.5
Mean y 94.72
RMS x 64.79
RMS y 66.03
side N [adc counts]
side P [adc counts]

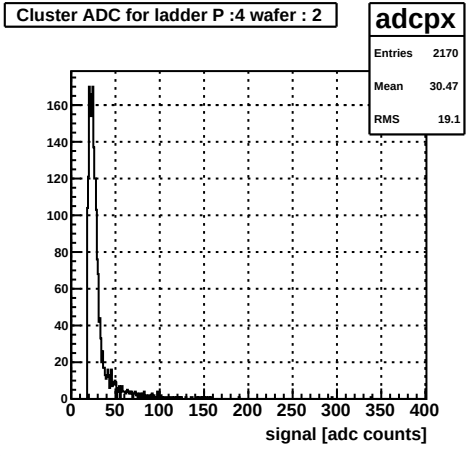

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 507
Mean 50.27
RMS 52.24
signal [adc counts]

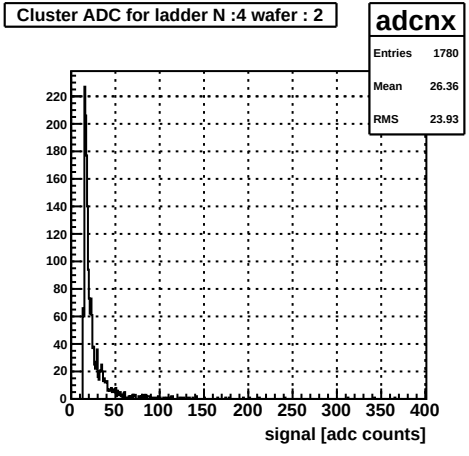

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 548
Mean 48.71
RMS 51.33
signal [adc counts]

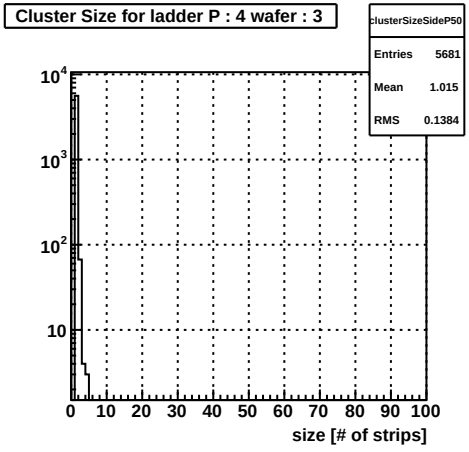

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 2170
Mean 1.124
RMS 0.502
size [# of strips]

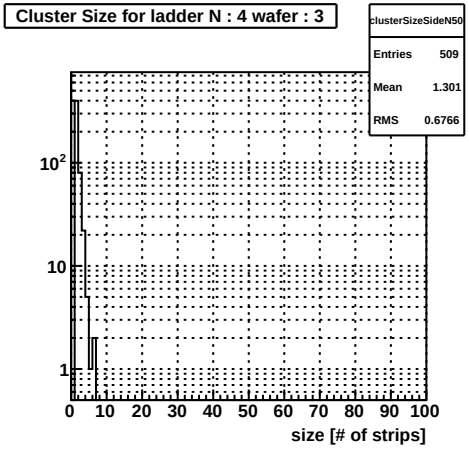

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 1780
Mean 1.147
RMS 0.4297
size [# of strips]

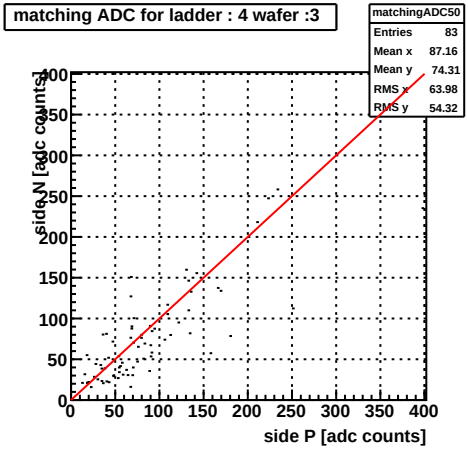

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 88
Mean x 51.68
Mean y 28.59
RMS x 42.9
RMS y 26.19
side N [adc counts]
side P [adc counts]

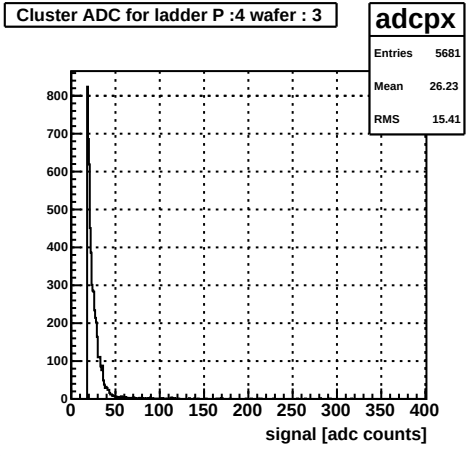

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 2170
Mean 30.47
RMS 19.1
signal [adc counts]

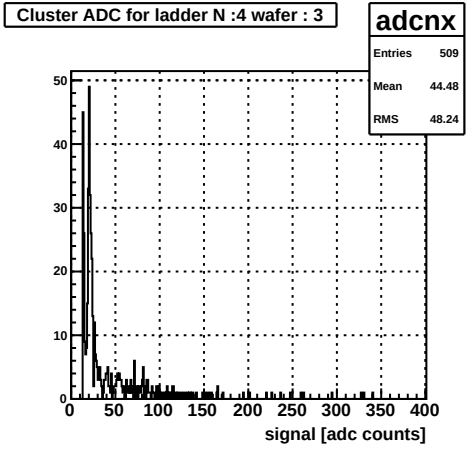

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 1780
Mean 26.36
RMS 23.93
signal [adc counts]

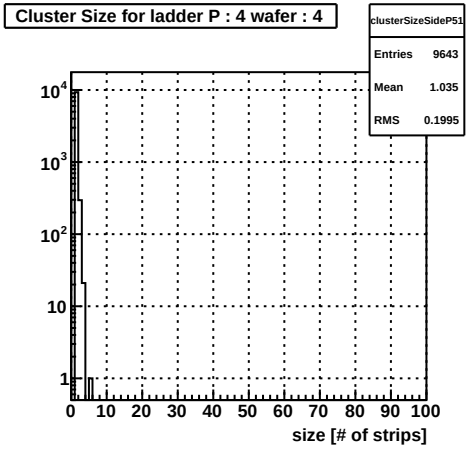

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 5681
Mean 1.015
RMS 0.1384
size [# of strips]

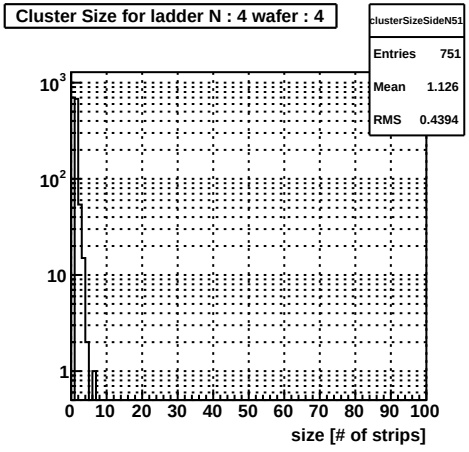

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 509
Mean 1.301
RMS 0.6766
size [# of strips]

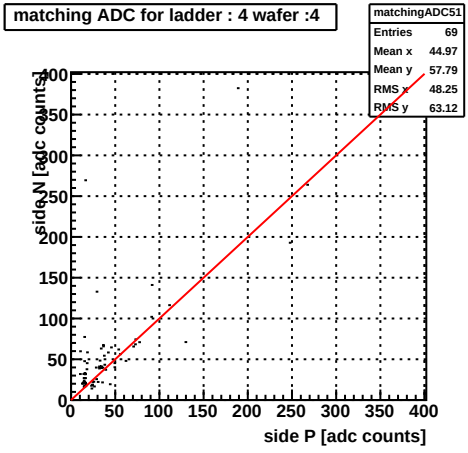

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 83
Mean x 87.16
Mean y 74.31
RMS x 63.98
RMS y 54.32
side N [adc counts]
side P [adc counts]

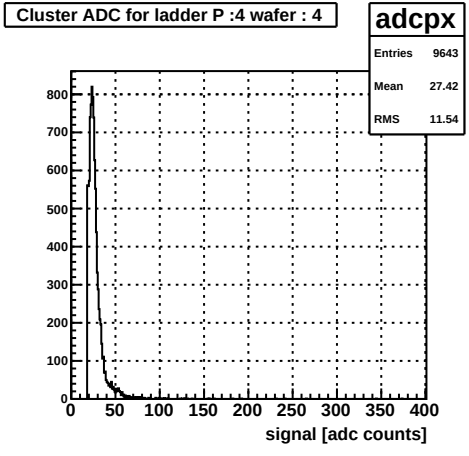

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 5681
Mean 26.23
RMS 15.41
signal [adc counts]

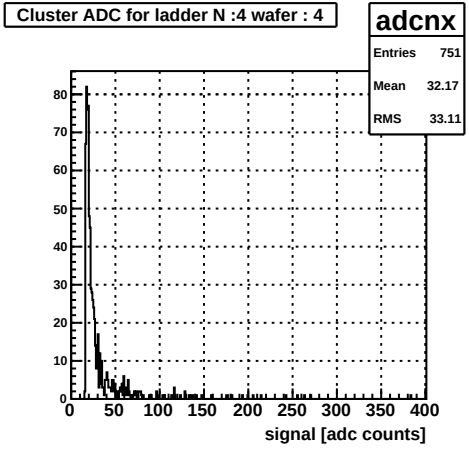

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 509
Mean 44.48
RMS 48.24
signal [adc counts]

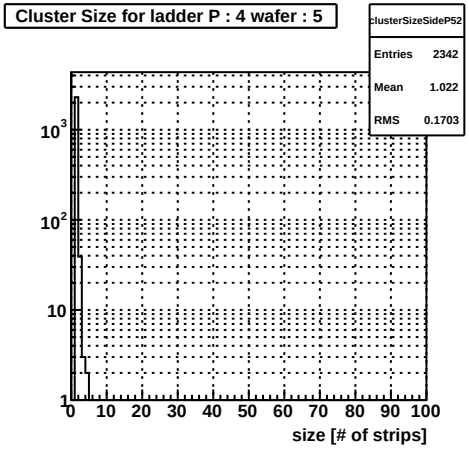

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 9643
Mean 1.035
RMS 0.1995
size [# of strips]

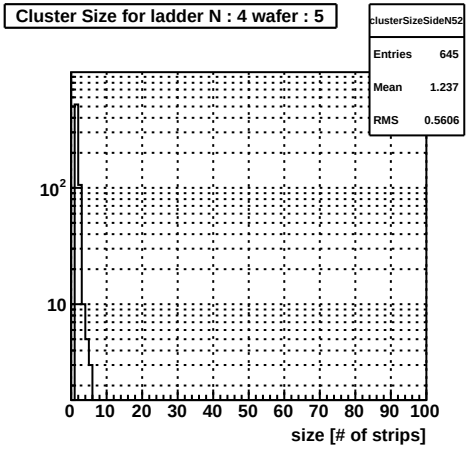

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 751
Mean 1.126
RMS 0.4394
size [# of strips]

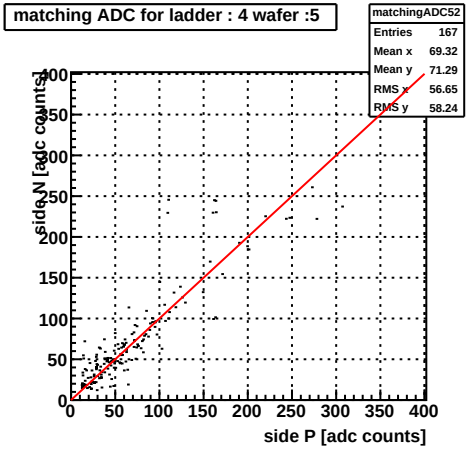

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 69
Mean x 44.97
Mean y 57.79
RMS x 48.25
RMS y 63.12
side N [adc counts]
side P [adc counts]

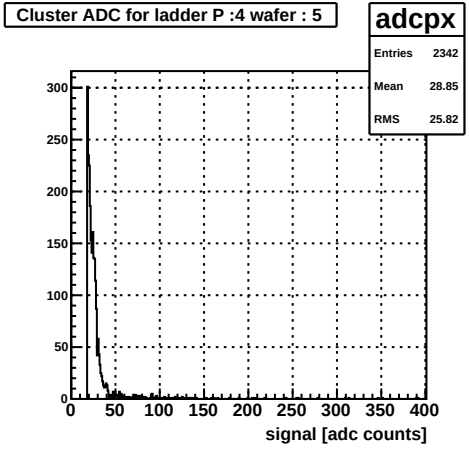

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 9643
Mean 27.42
RMS 11.54
signal [adc counts]

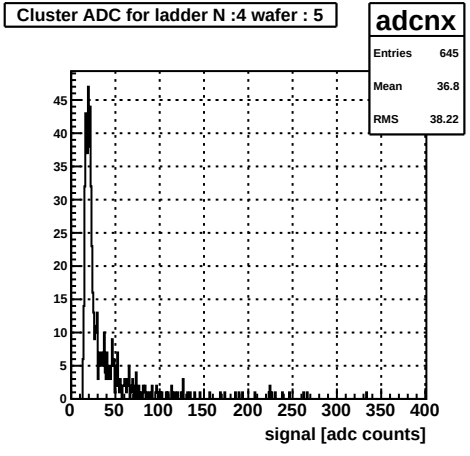

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 751
Mean 32.17
RMS 33.11
signal [adc counts]

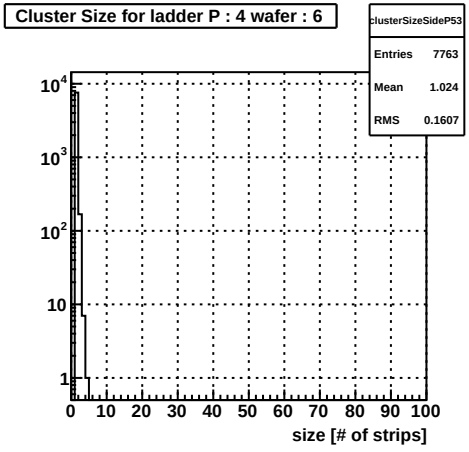

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 2342
Mean 1.022
RMS 0.1703
size [# of strips]

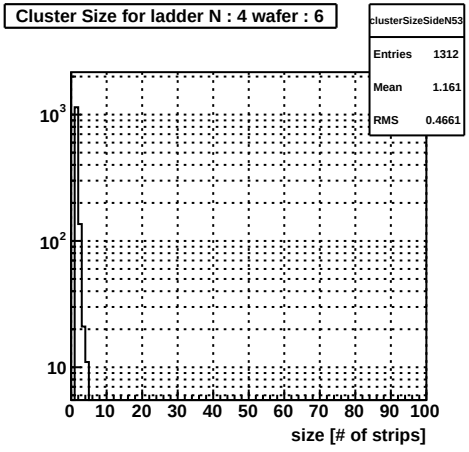

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 645
Mean 1.237
RMS 0.5606
size [# of strips]

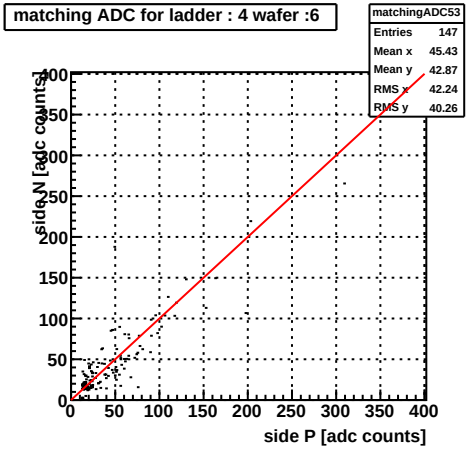

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 167
Mean x 69.32
Mean y 71.29
RMS x 56.65
RMS y 58.24
side N [adc counts]
side P [adc counts]

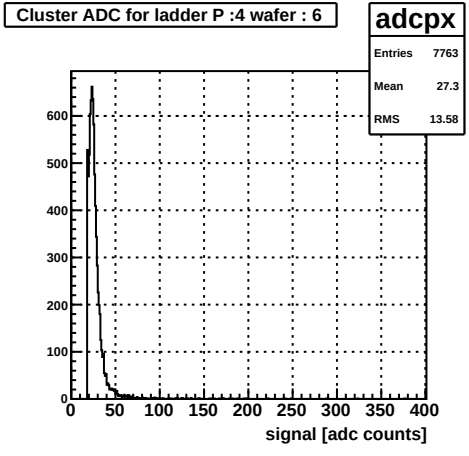

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 2342
Mean 28.85
RMS 25.82
signal [adc counts]

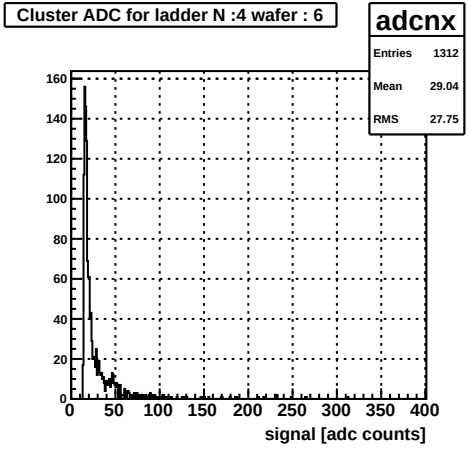

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 645
Mean 36.8
RMS 38.22
signal [adc counts]

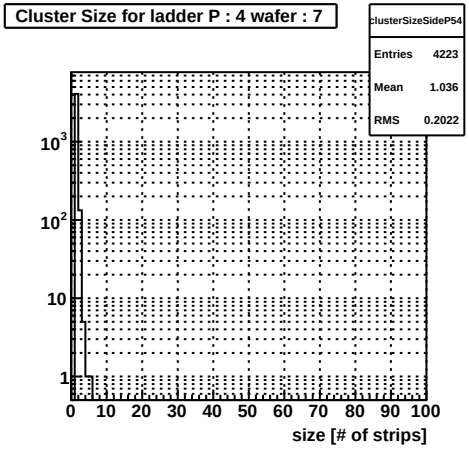

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 7763
Mean 1.024
RMS 0.1607
size [# of strips]

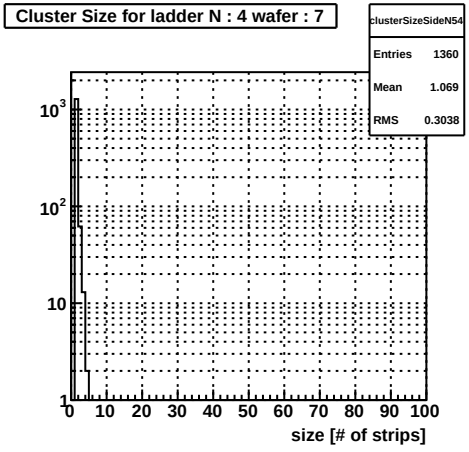

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 1312
Mean 1.161
RMS 0.4661
size [# of strips]

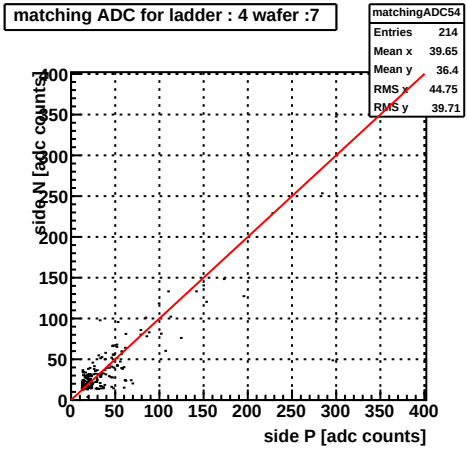

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 147
Mean x 45.43
Mean y 42.87
RMS x 42.24
RMS y 40.26
side N [adc counts]
side P [adc counts]

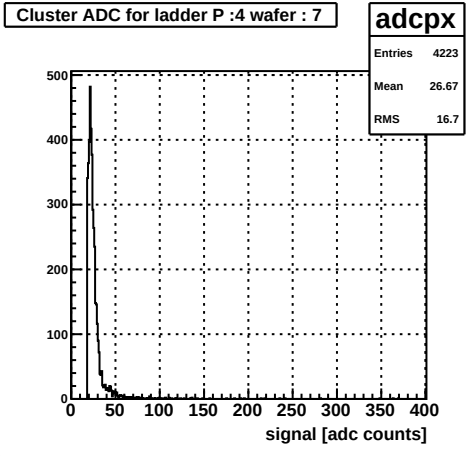

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 7763
Mean 27.3
RMS 13.58
signal [adc counts]

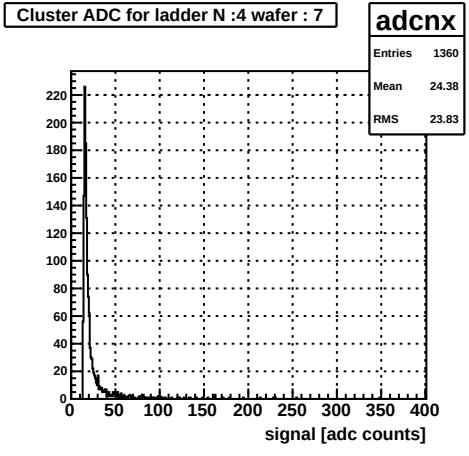

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 1312
Mean 29.04
RMS 27.75
signal [adc counts]

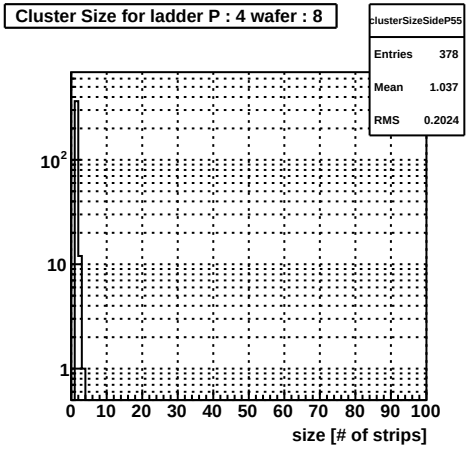

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 4223
Mean 1.036
RMS 0.2022
size [# of strips]

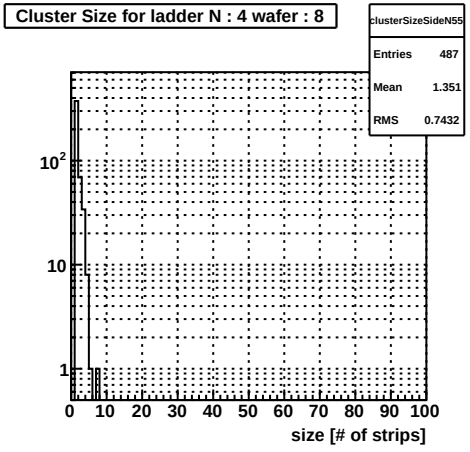

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 1360
Mean 1.069
RMS 0.3038
size [# of strips]

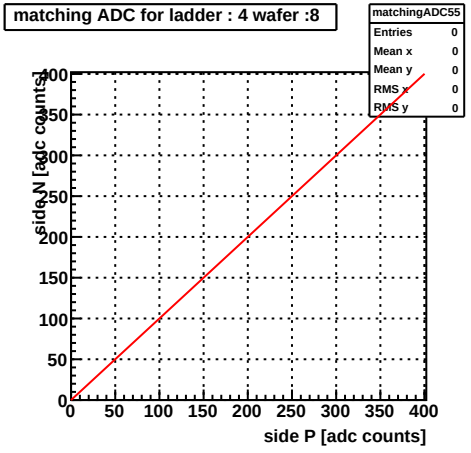

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 214
Mean x 39.65
Mean y 36.4
RMS x 44.75
RMS y 39.71
side N [adc counts]
side P [adc counts]

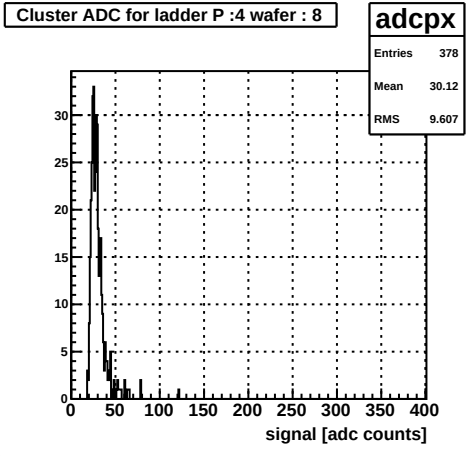

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 4223
Mean 26.67
RMS 16.7
signal [adc counts]

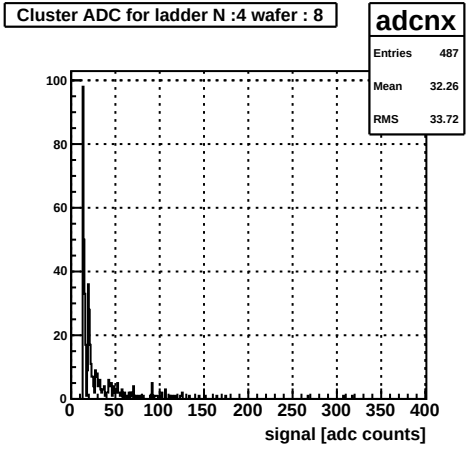

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 1360
Mean 24.38
RMS 23.83
signal [adc counts]

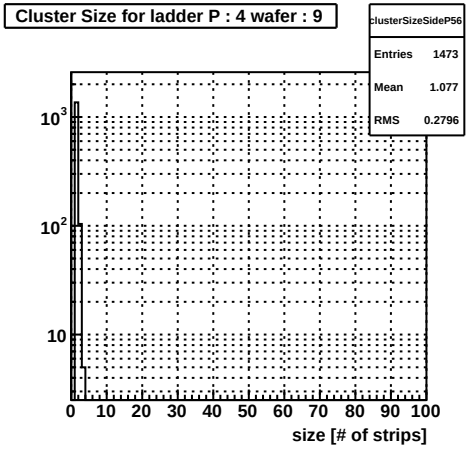

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 378
Mean 1.037
RMS 0.2024
size [# of strips]

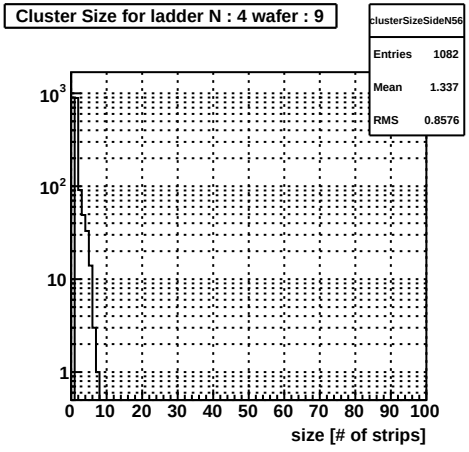

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 487
Mean 1.351
RMS 0.7432
size [# of strips]

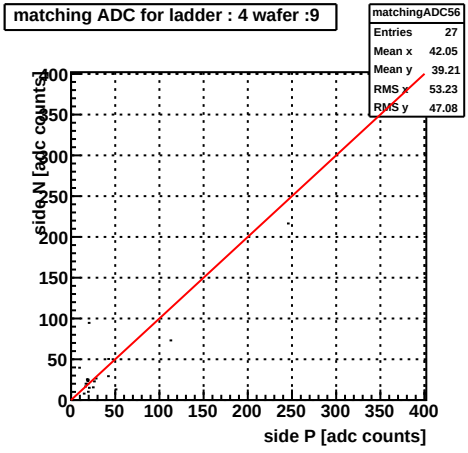

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

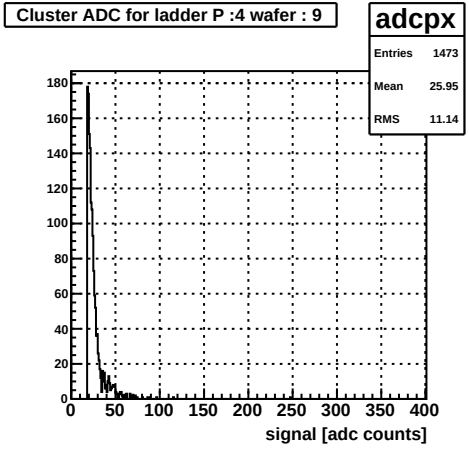

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 378
Mean 30.12
RMS 9.607
signal [adc counts]

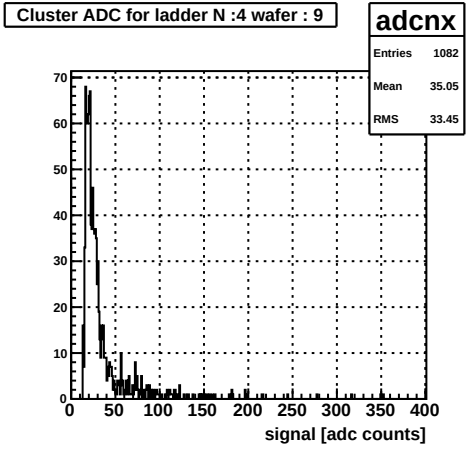

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 487
Mean 32.26
RMS 33.72
signal [adc counts]

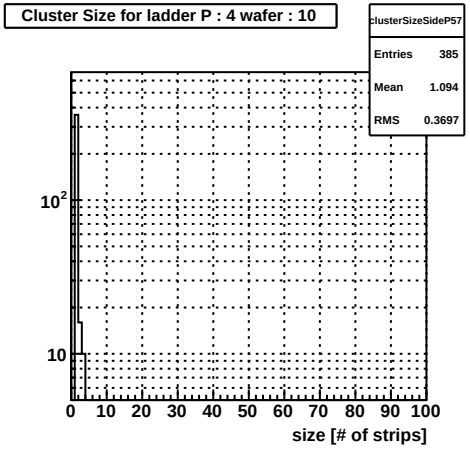

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1473
Mean 1.077
RMS 0.2796
size [# of strips]

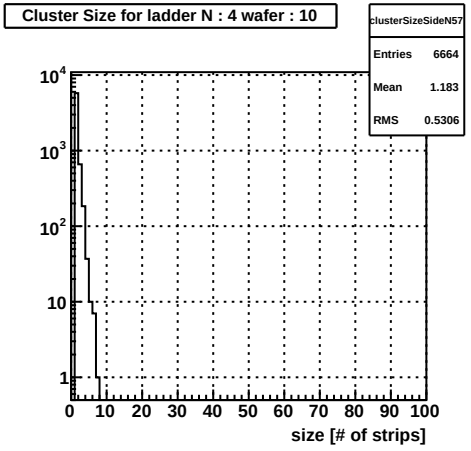

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 1082
Mean 1.337
RMS 0.8576
size [# of strips]

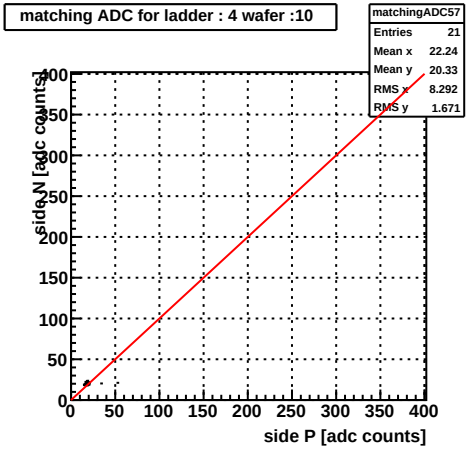

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 27
Mean x 42.05
Mean y 39.21
RMS x 53.23
RMS y 47.08
side N [adc counts]
side P [adc counts]

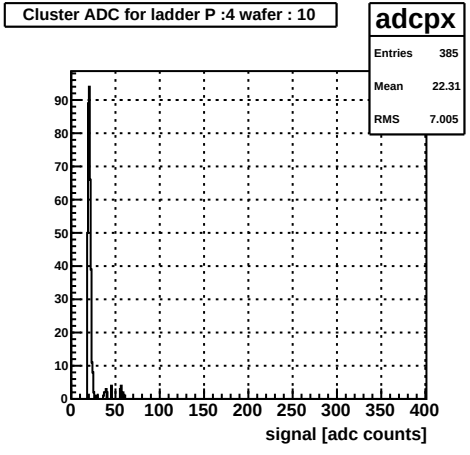

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1473
Mean 25.95
RMS 11.14
signal [adc counts]

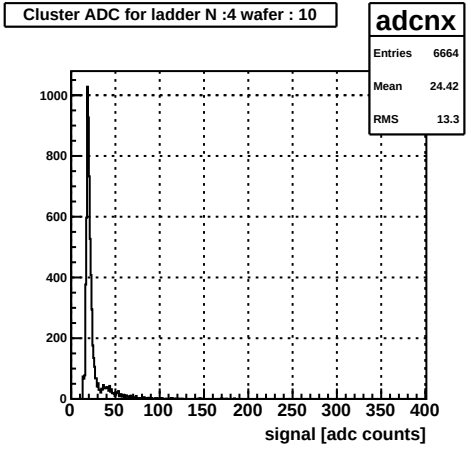

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 1082
Mean 35.05
RMS 33.45
signal [adc counts]

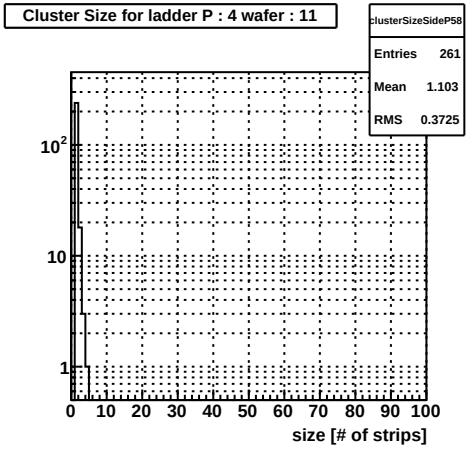

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 385
Mean 1.094
RMS 0.3697
size [# of strips]

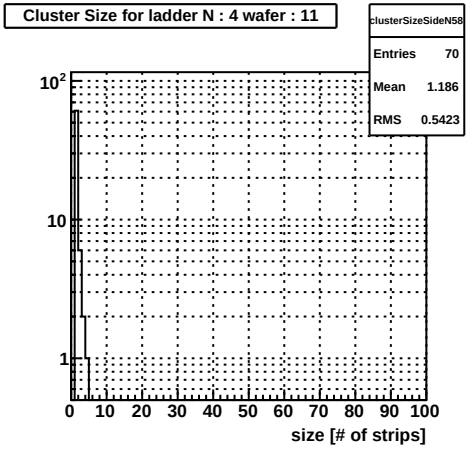

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 6664
Mean 1.183
RMS 0.5306
size [# of strips]

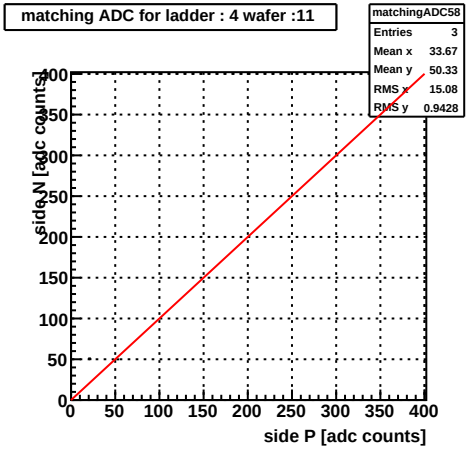

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 21
Mean x 22.24
Mean y 20.33
RMS x 8.292
RMS y 1.671
side N [adc counts]
side P [adc counts]

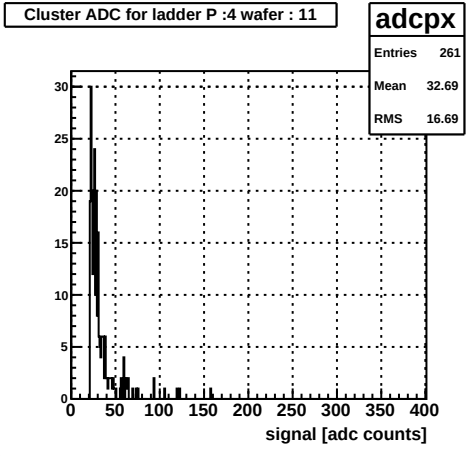

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 385
Mean 22.31
RMS 7.005
signal [adc counts]

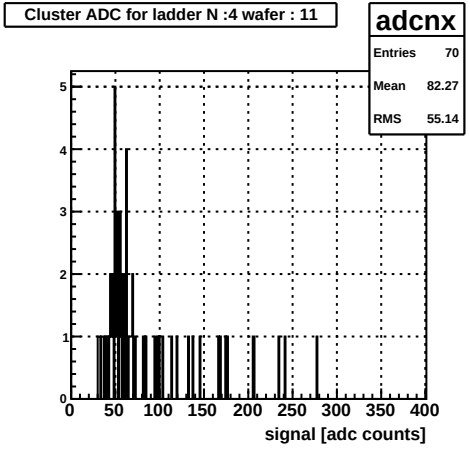

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 6664
Mean 24.42
RMS 13.3
signal [adc counts]

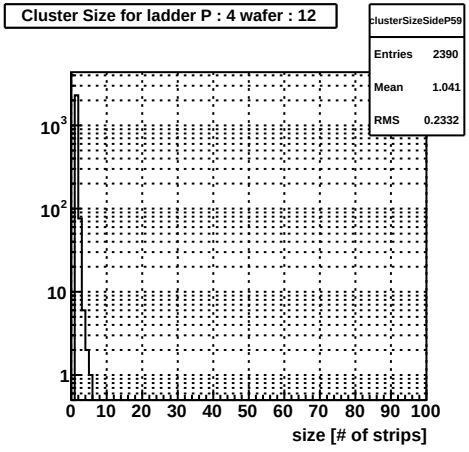

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 261
Mean 1.103
RMS 0.3725
size [# of strips]

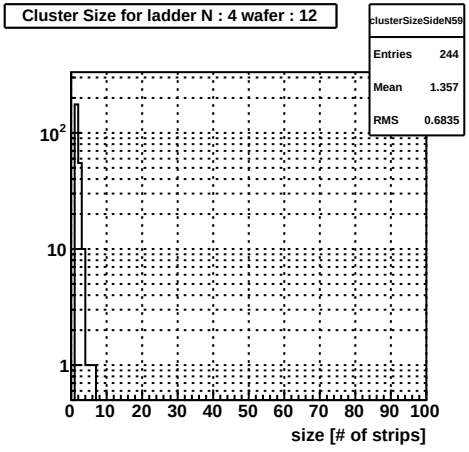

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 70
Mean 1.186
RMS 0.5423
size [# of strips]

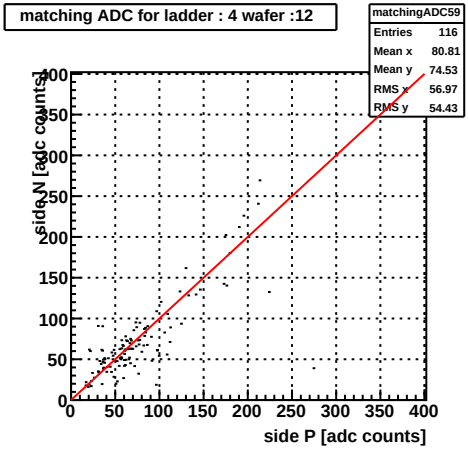

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 3
Mean x 33.67
Mean y 50.33
RMS x 15.08
RMS y 0.9428
side N [adc counts]
side P [adc counts]

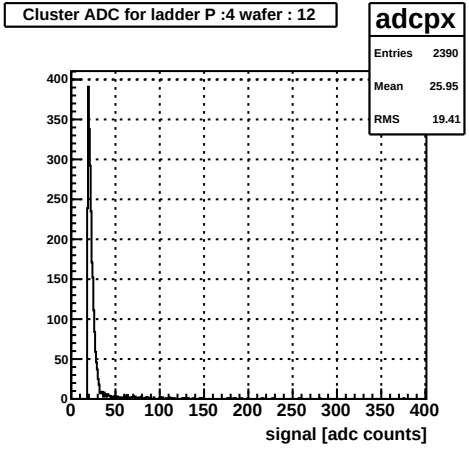

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 261
Mean 32.69
RMS 16.69
signal [adc counts]

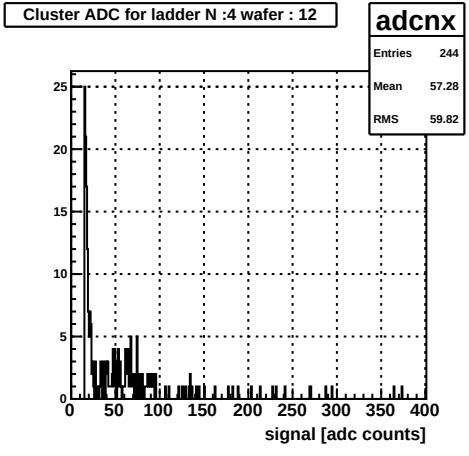

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 70
Mean 82.27
RMS 55.14
signal [adc counts]

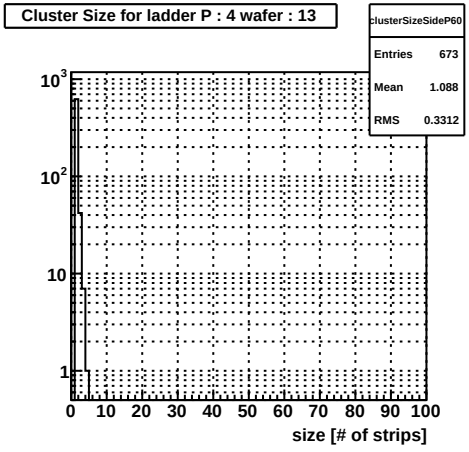

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 2390
Mean 1.041
RMS 0.2332
size [# of strips]

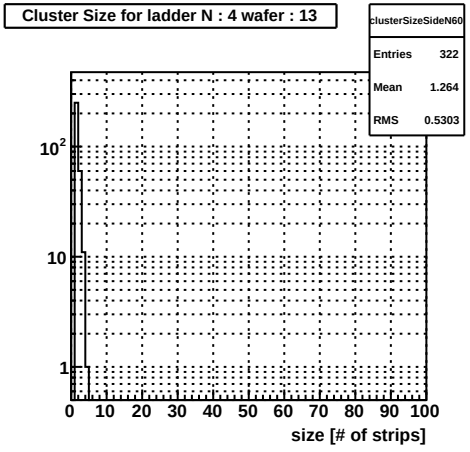

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 244
Mean 1.357
RMS 0.6835
size [# of strips]

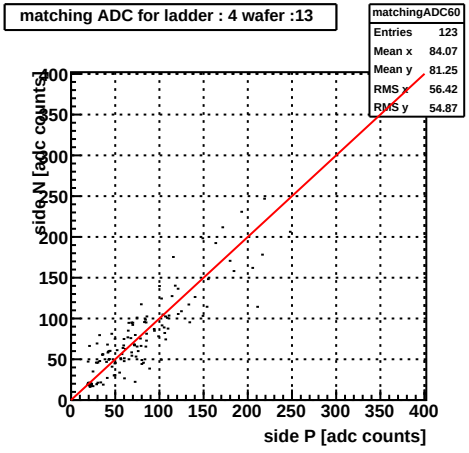

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 116
Mean x 80.81
Mean y 74.53
RMS x 56.97
RMS y 54.43
side N [adc counts]
side P [adc counts]

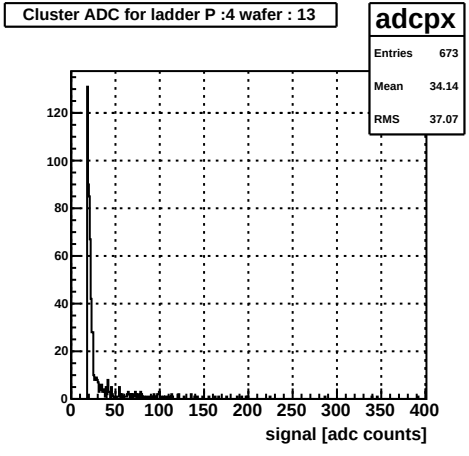

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 2390
Mean 25.95
RMS 19.41
signal [adc counts]

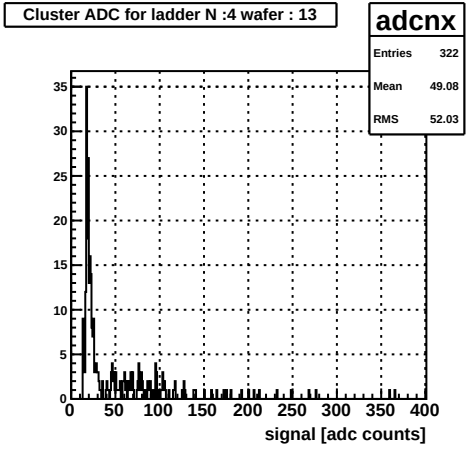

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 244
Mean 57.28
RMS 59.82
signal [adc counts]

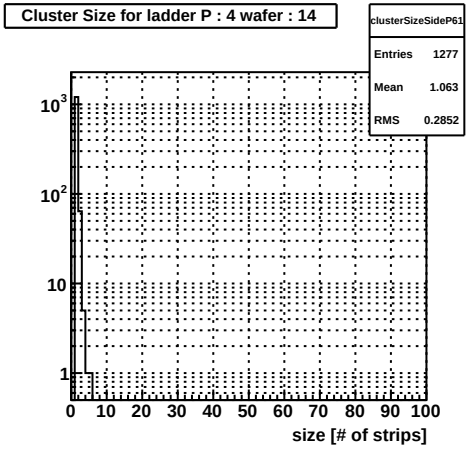

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 673
Mean 1.088
RMS 0.3312
size [# of strips]

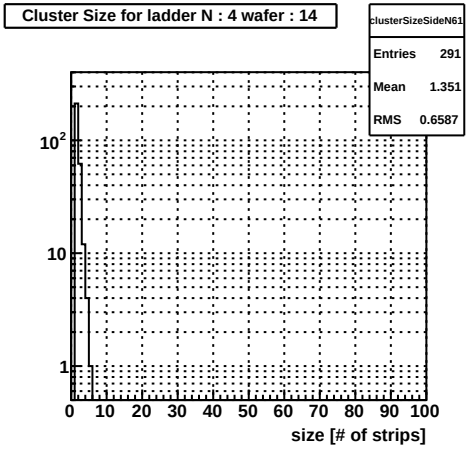

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 322
Mean 1.264
RMS 0.5303
size [# of strips]

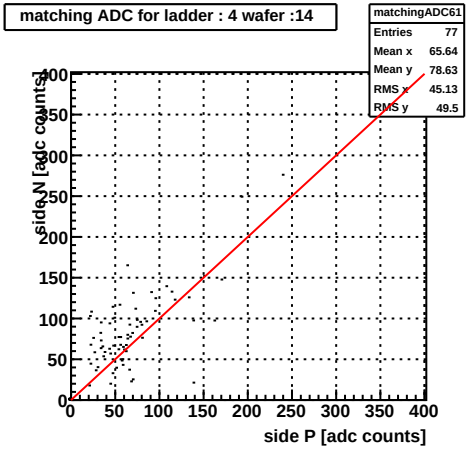

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 123
Mean x 84.07
Mean y 81.25
RMS x 56.42
RMS y 54.87
side N [adc counts]
side P [adc counts]

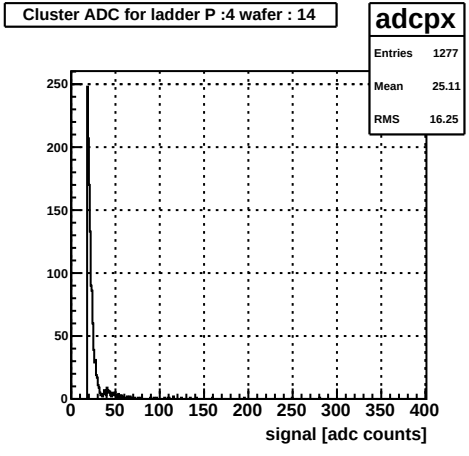

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 673
Mean 34.14
RMS 37.07
signal [adc counts]

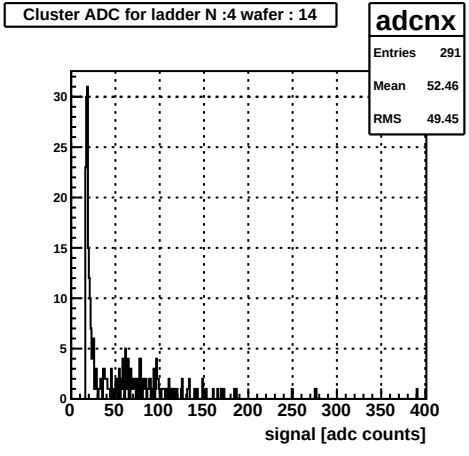

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 322
Mean 49.08
RMS 52.03
signal [adc counts]

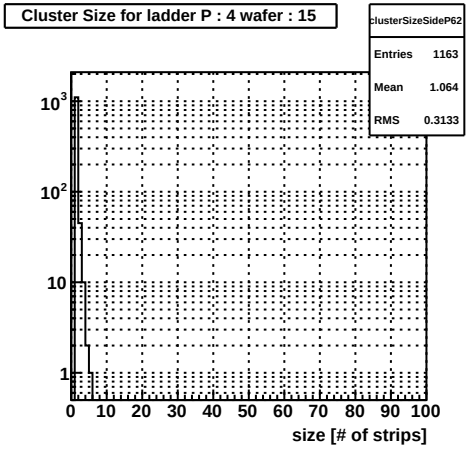

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 1277
Mean 1.063
RMS 0.2852
size [# of strips]

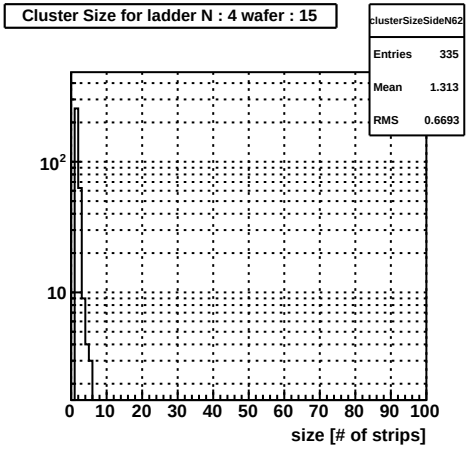

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 291
Mean 1.351
RMS 0.6587
size [# of strips]

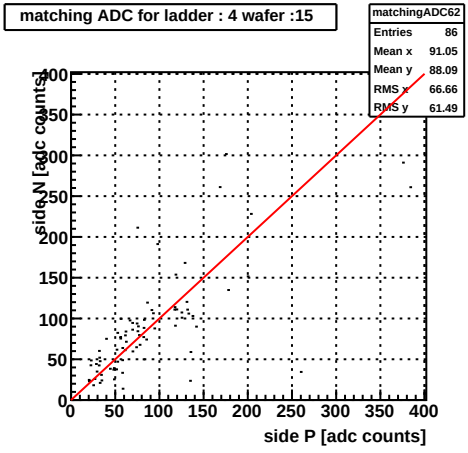

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 77
Mean x 65.64
Mean y 78.63
RMS x 45.13
RMS y 49.5
side N [adc counts]
side P [adc counts]

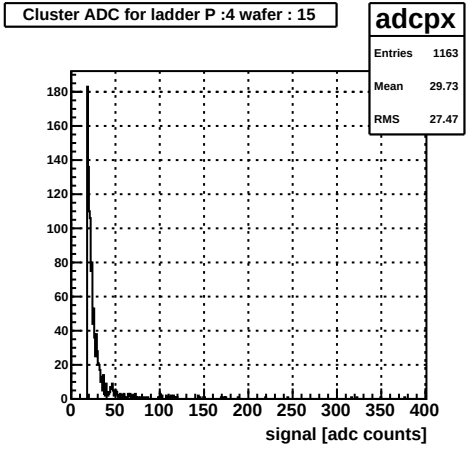

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 1277
Mean 25.11
RMS 16.25
signal [adc counts]

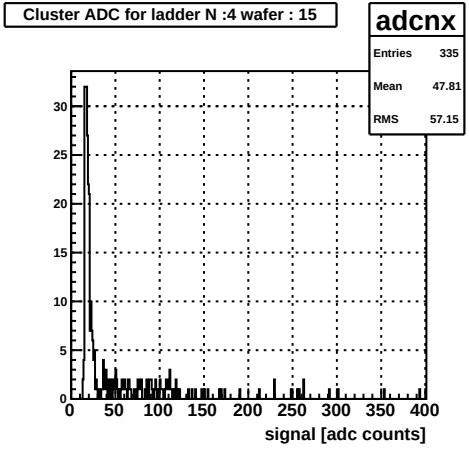

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 291
Mean 52.46
RMS 49.45
signal [adc counts]

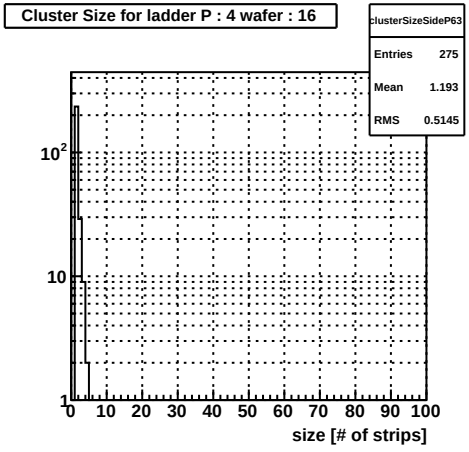

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 1163
Mean 1.064
RMS 0.3133
size [# of strips]

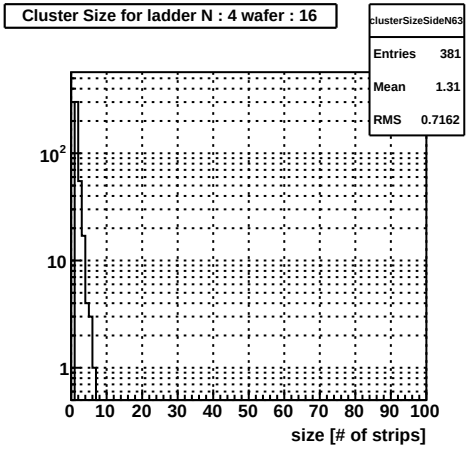

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 335
Mean 1.313
RMS 0.6693
size [# of strips]

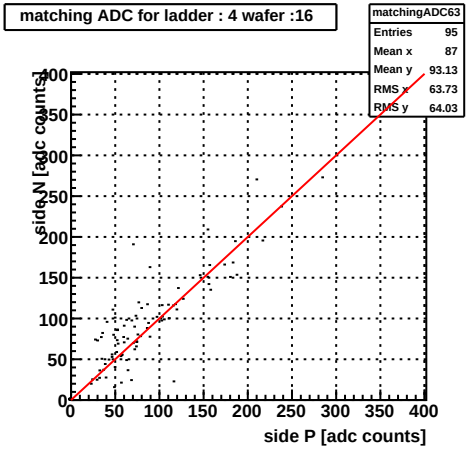

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 86
Mean x 91.05
Mean y 88.09
RMS x 66.66
RMS y 61.49
side N [adc counts]
side P [adc counts]

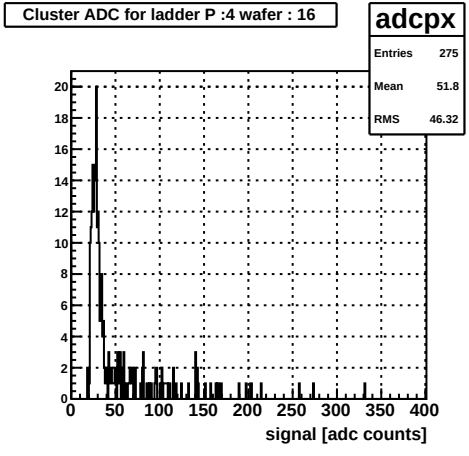

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 1163
Mean 29.73
RMS 27.47
signal [adc counts]

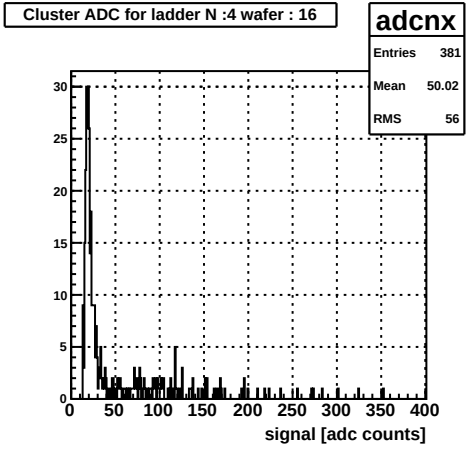

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 335
Mean 47.81
RMS 57.15
signal [adc counts]

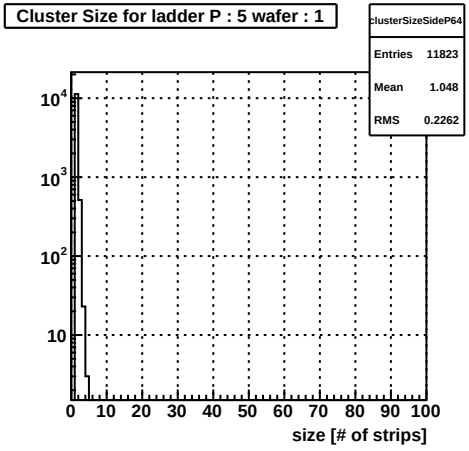

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 275
Mean 1.193
RMS 0.5145
size [# of strips]

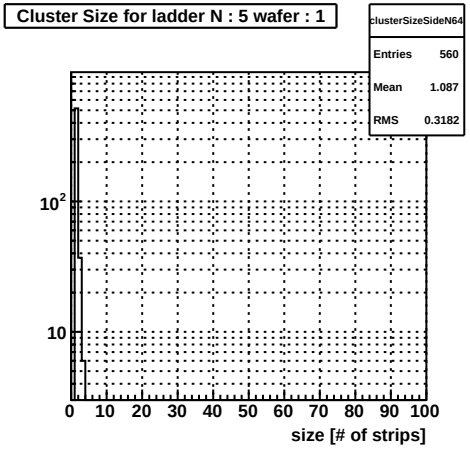

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 381
Mean 1.31
RMS 0.7162
size [# of strips]

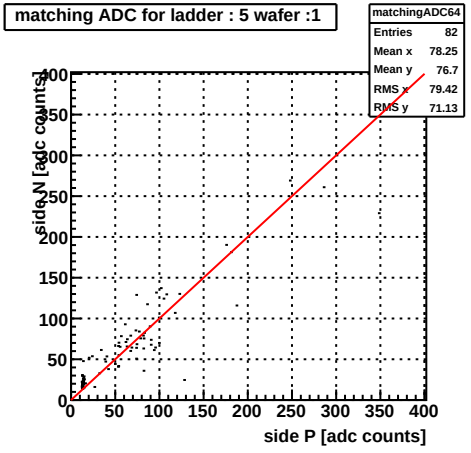

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 95
Mean x 87
Mean y 93.13
RMS x 63.73
RMS y 64.03
side N [adc counts]
side P [adc counts]

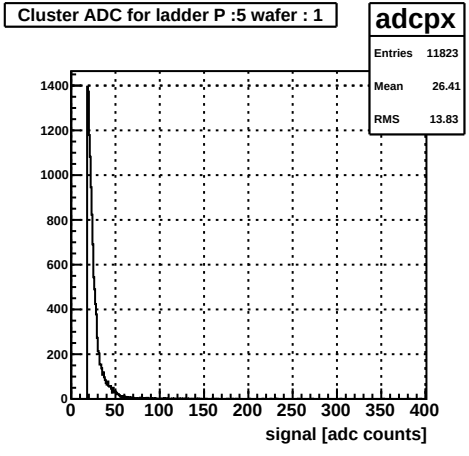

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 275
Mean 51.8
RMS 46.32
signal [adc counts]

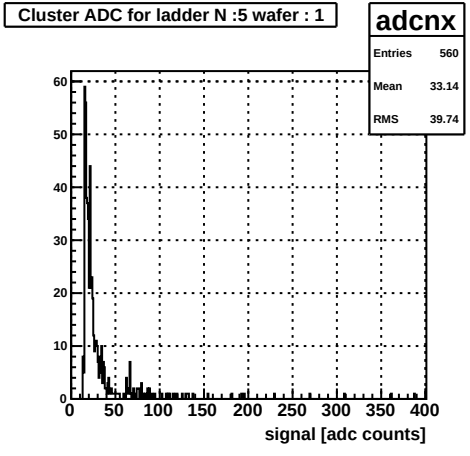

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 381
Mean 50.02
RMS 56
signal [adc counts]

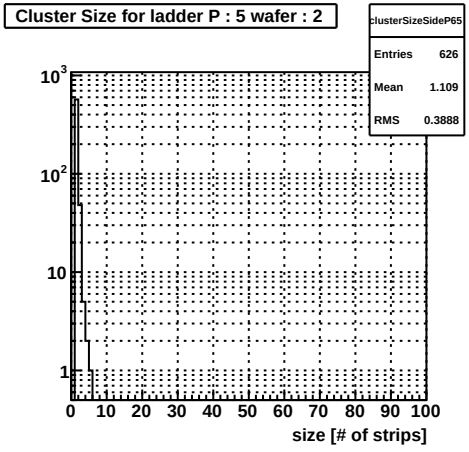

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 11823
Mean 1.048
RMS 0.2262
size [# of strips]

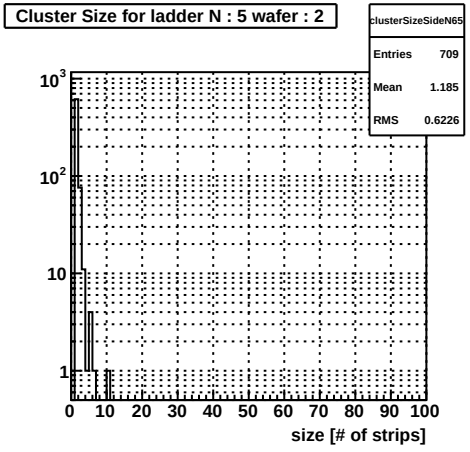

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 560
Mean 1.087
RMS 0.3182
size [# of strips]

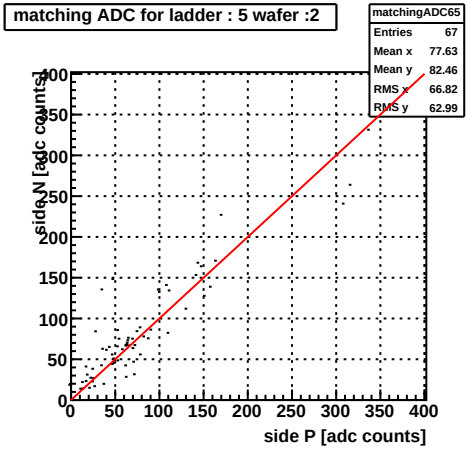

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 82
Mean x 78.25
Mean y 76.7
RMS x 79.42
RMS y 71.13
side N [adc counts]
side P [adc counts]

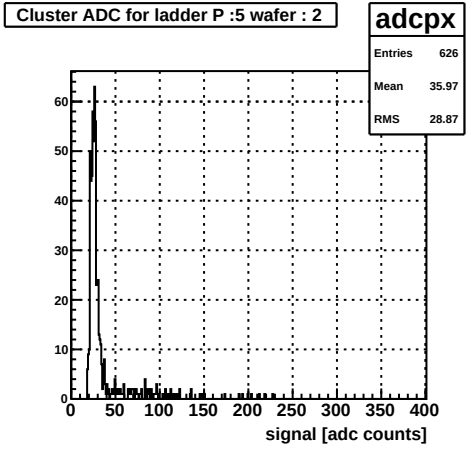

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 11823
Mean 26.41
RMS 13.83
signal [adc counts]

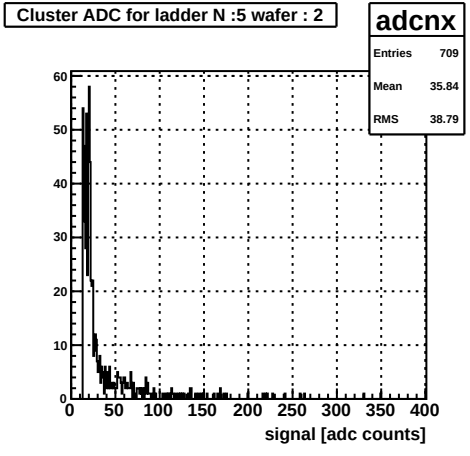

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 560
Mean 33.14
RMS 39.74
signal [adc counts]

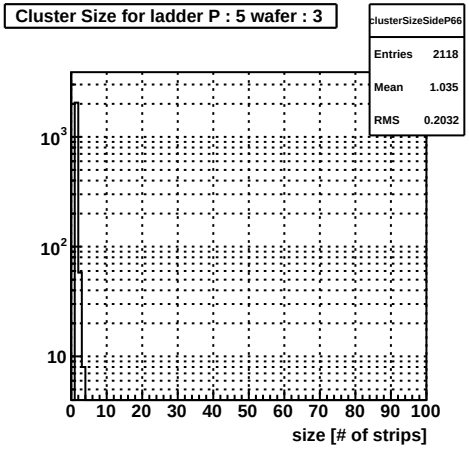

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 626
Mean 1.109
RMS 0.3888
size [# of strips]

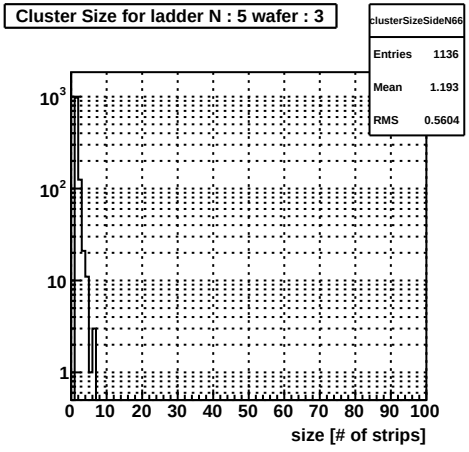

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 709
Mean 1.185
RMS 0.6226
size [# of strips]

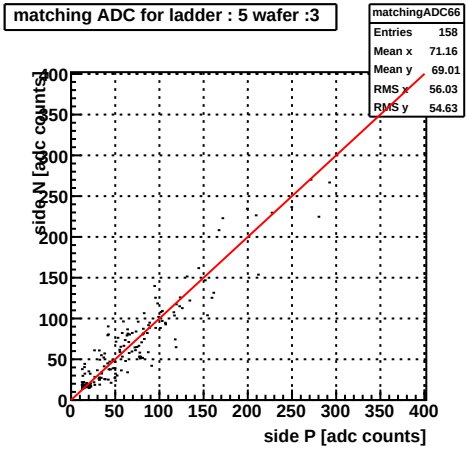

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 67
Mean x 77.63
Mean y 82.46
RMS x 66.82
RMS y 62.99
side N [adc counts]
side P [adc counts]

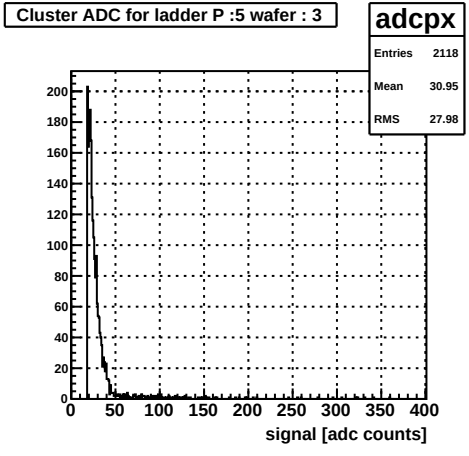

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 626
Mean 35.97
RMS 28.87
signal [adc counts]

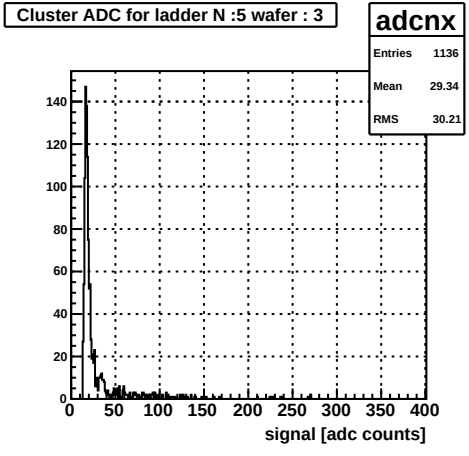

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 709
Mean 35.84
RMS 38.79
signal [adc counts]

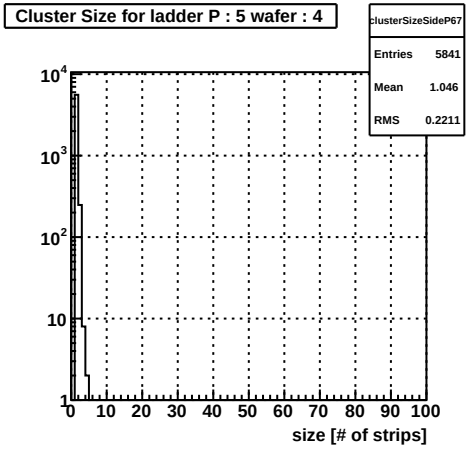

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 2118
Mean 1.035
RMS 0.2032
size [# of strips]

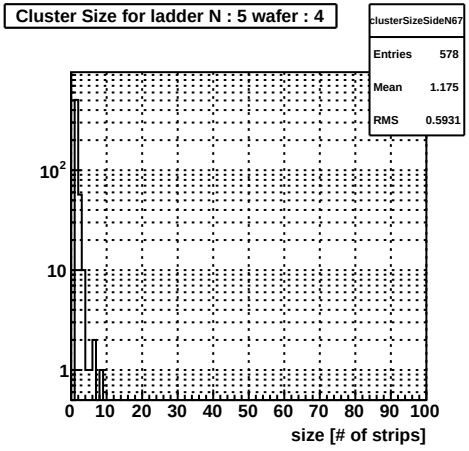

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 1136
Mean 1.193
RMS 0.5604
size [# of strips]

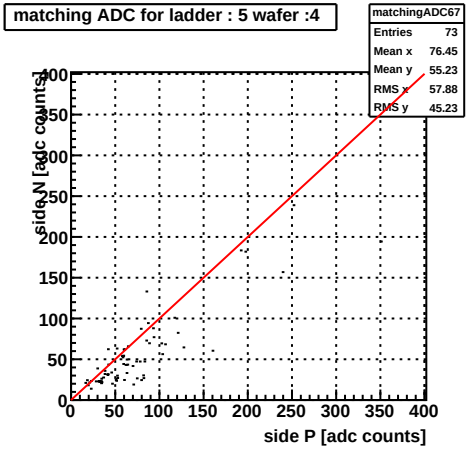

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 158
Mean x 71.16
Mean y 69.01
RMS x 56.03
RMS y 54.63
side N [adc counts]
side P [adc counts]

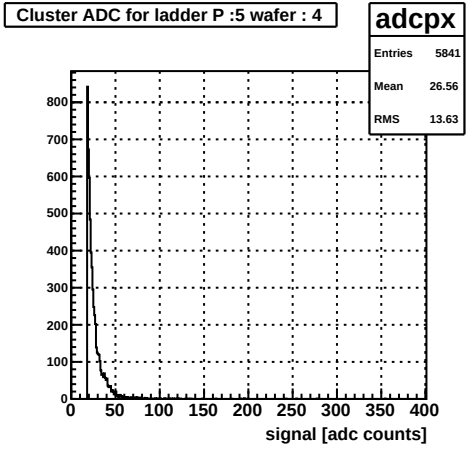

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 2118
Mean 30.95
RMS 27.98
signal [adc counts]

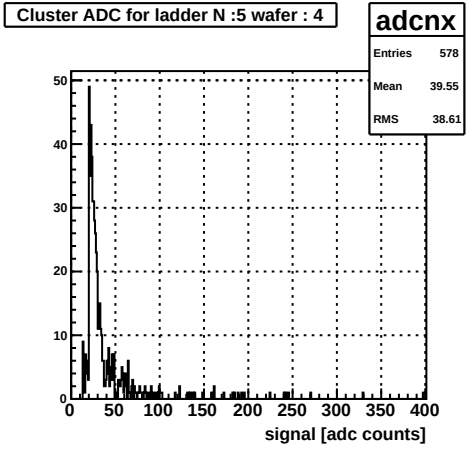

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 1136
Mean 29.34
RMS 30.21
signal [adc counts]

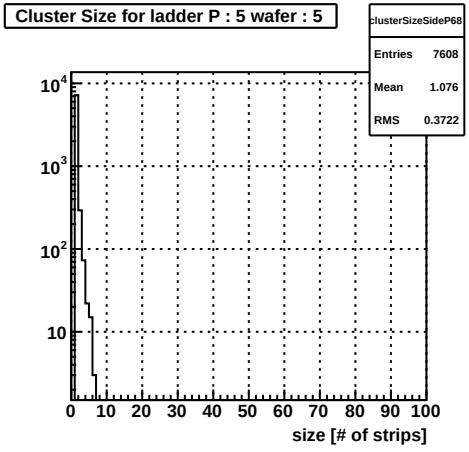

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 5841
Mean 1.046
RMS 0.2211
size [# of strips]

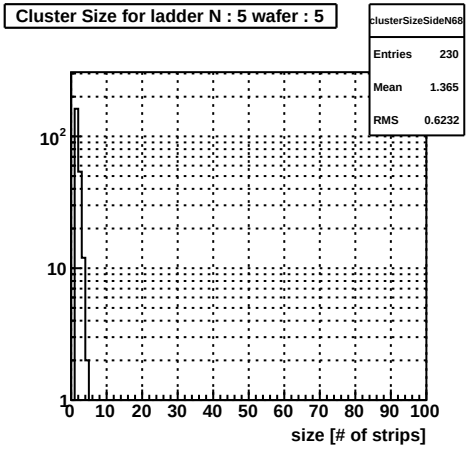

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 578
Mean 1.175
RMS 0.5931
size [# of strips]

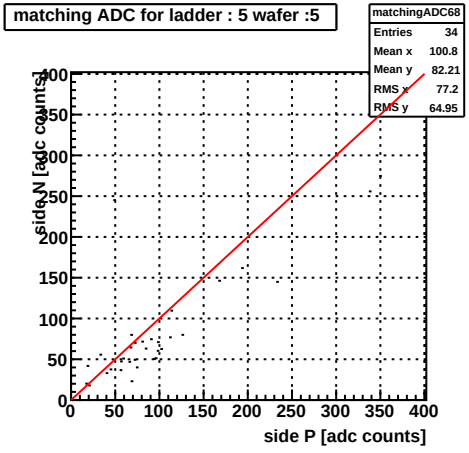

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 73
Mean x 76.45
Mean y 55.23
RMS x 57.88
RMS y 45.23
side N [adc counts]
side P [adc counts]

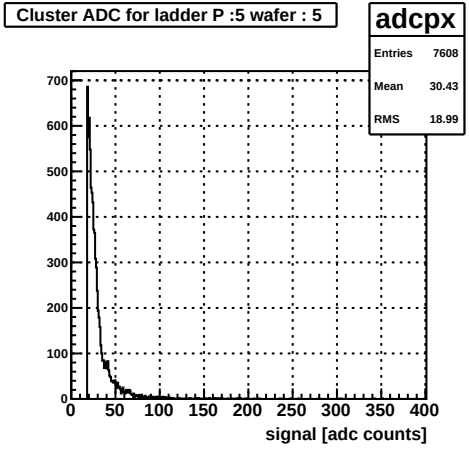

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 5841
Mean 26.56
RMS 13.63
signal [adc counts]

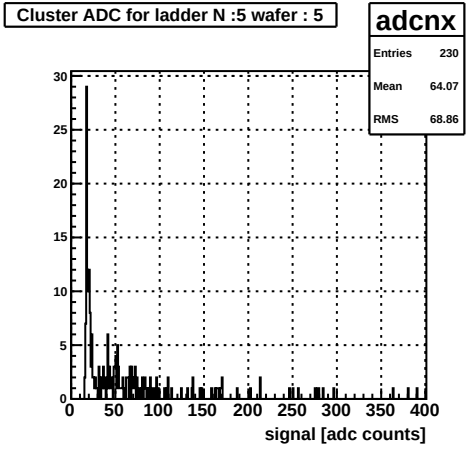

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 578
Mean 39.55
RMS 38.61
signal [adc counts]

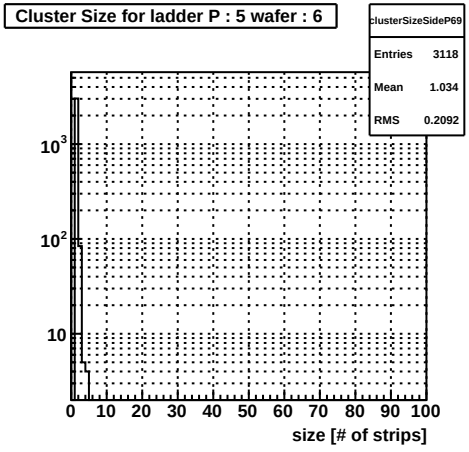

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 7608
Mean 1.076
RMS 0.3722
size [# of strips]

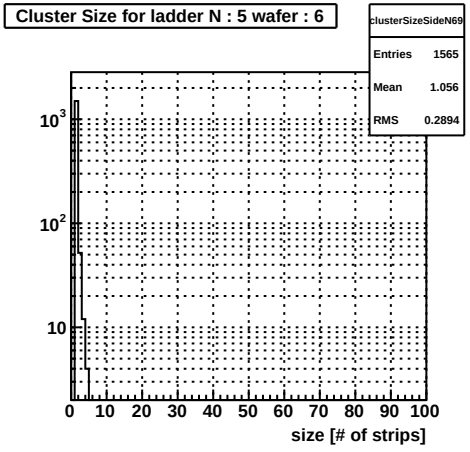

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 230
Mean 1.365
RMS 0.6232
size [# of strips]

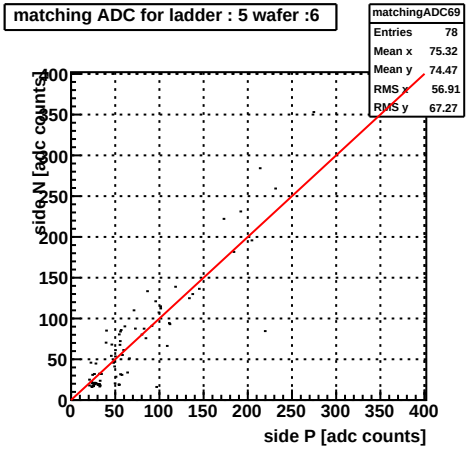

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 34
Mean x 100.8
Mean y 82.21
RMS x 77.2
RMS y 64.95
side N [adc counts]
side P [adc counts]

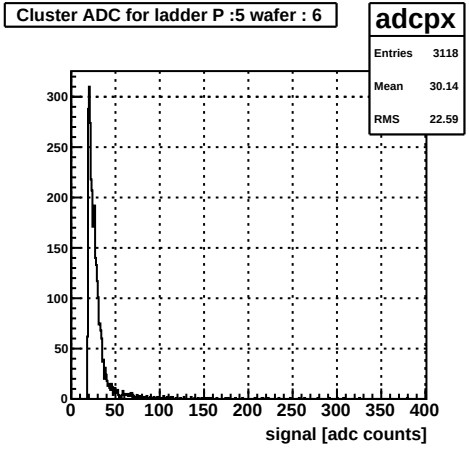

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 7608
Mean 30.43
RMS 18.99
signal [adc counts]

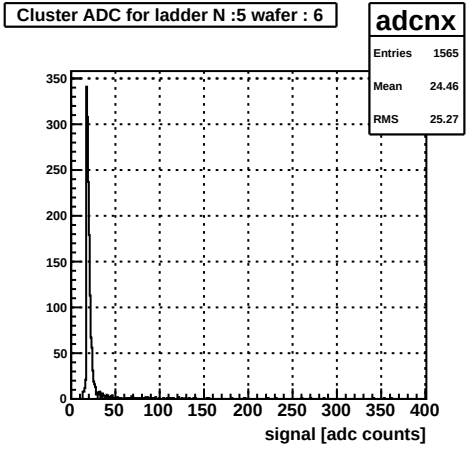

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 230
Mean 64.07
RMS 68.86
signal [adc counts]

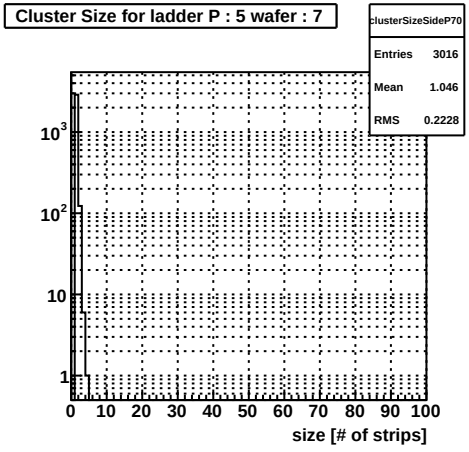

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 3118
Mean 1.034
RMS 0.2092
size [# of strips]

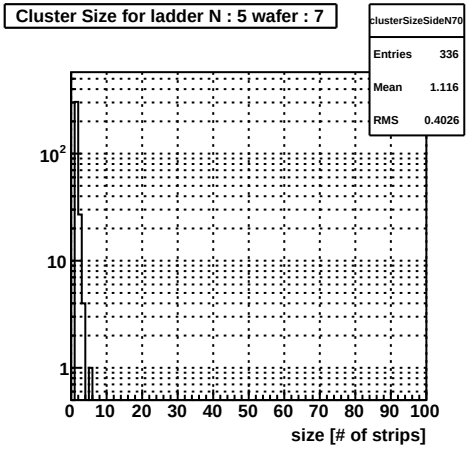

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 1565
Mean 1.056
RMS 0.2894
size [# of strips]

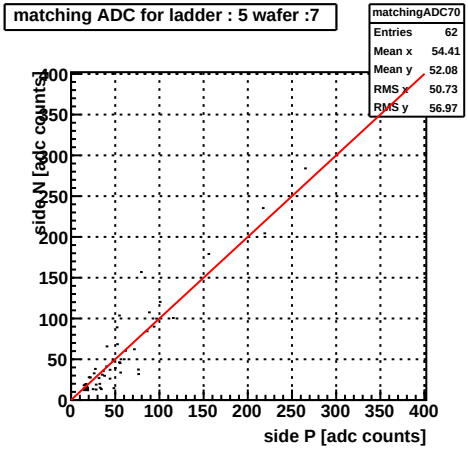

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 78
Mean x 75.32
Mean y 74.47
RMS x 56.91
RMS y 67.27
side N [adc counts]
side P [adc counts]

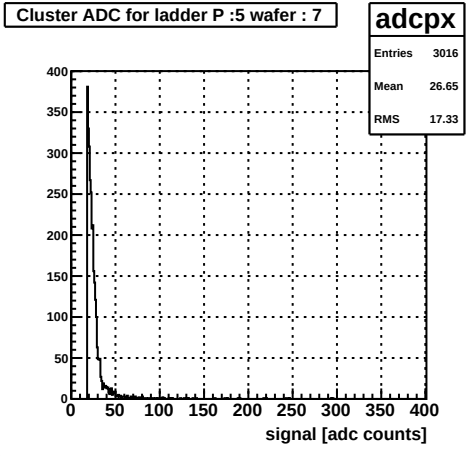

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 3118
Mean 30.14
RMS 22.59
signal [adc counts]

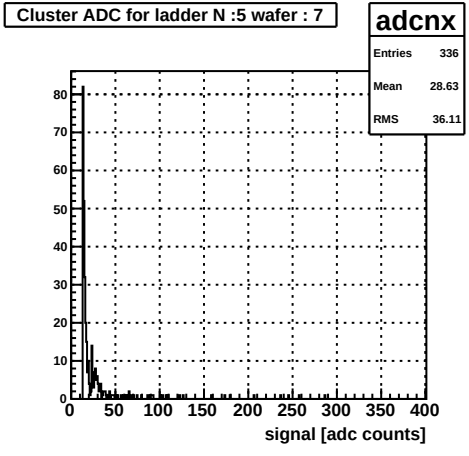

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 1565
Mean 24.46
RMS 25.27
signal [adc counts]

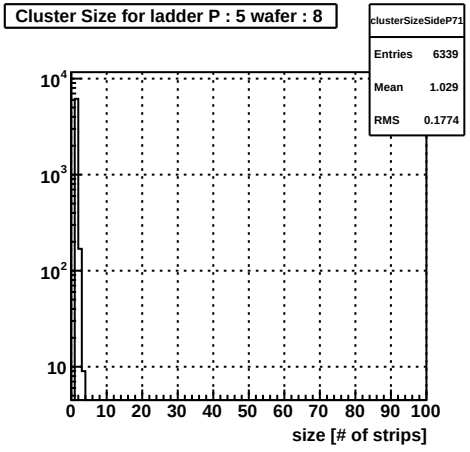

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 3016
Mean 1.046
RMS 0.2228
size [# of strips]

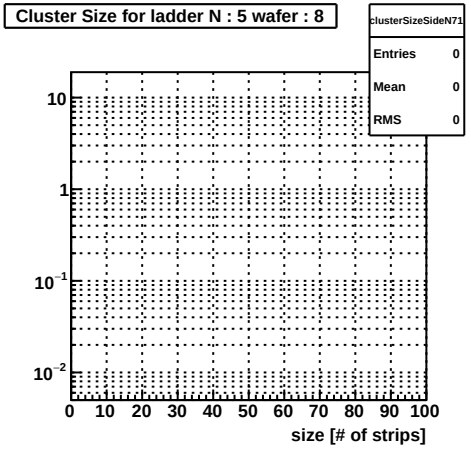

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 336
Mean 1.116
RMS 0.4026
size [# of strips]

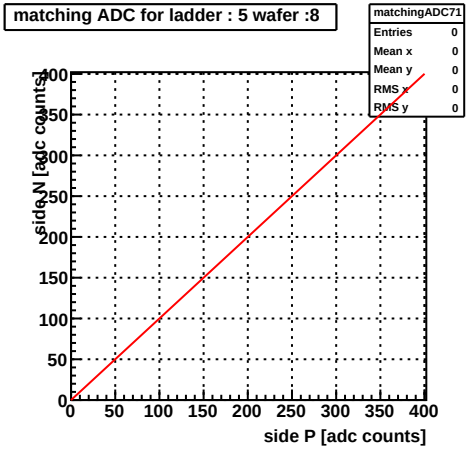

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 62
Mean x 54.41
Mean y 52.08
RMS x 50.73
RMS y 56.97
side N [adc counts]
side P [adc counts]

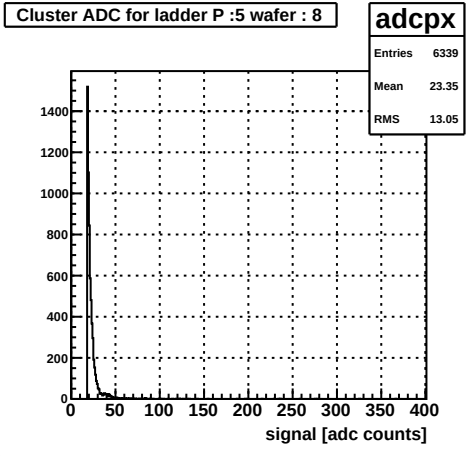

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 3016
Mean 26.65
RMS 17.33
signal [adc counts]

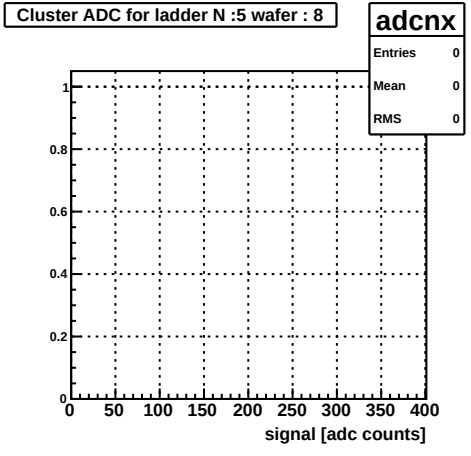

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 336
Mean 28.63
RMS 36.11
signal [adc counts]

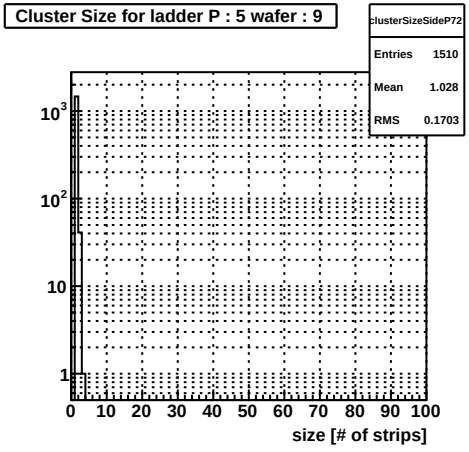

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 6339
Mean 1.029
RMS 0.1774
size [# of strips]

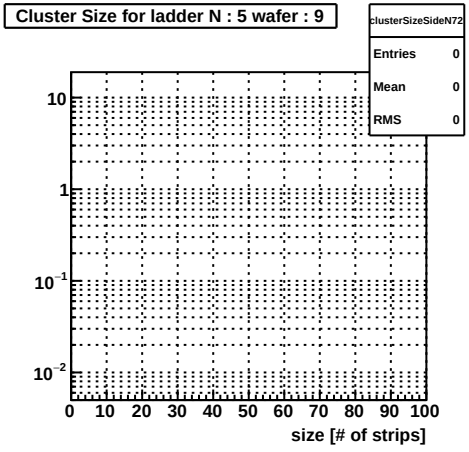

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

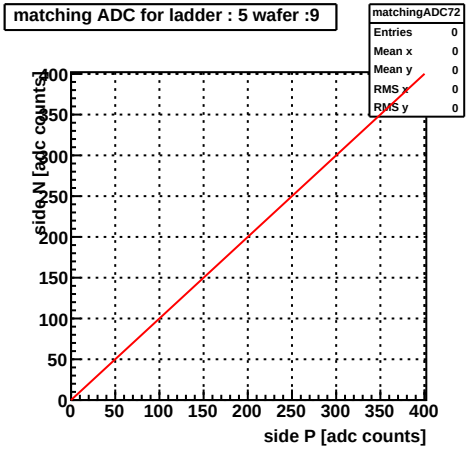

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

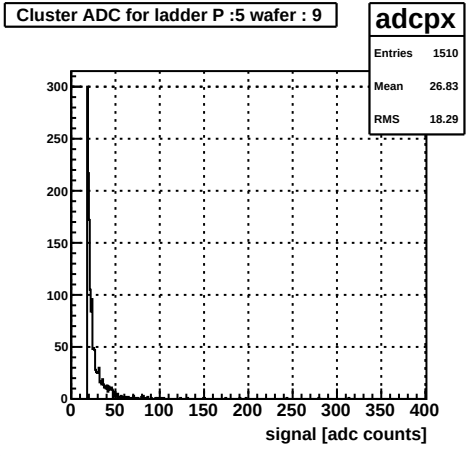

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 6339
Mean 23.35
RMS 13.05
signal [adc counts]

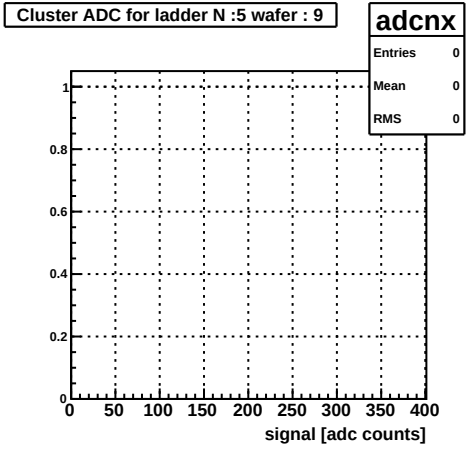

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

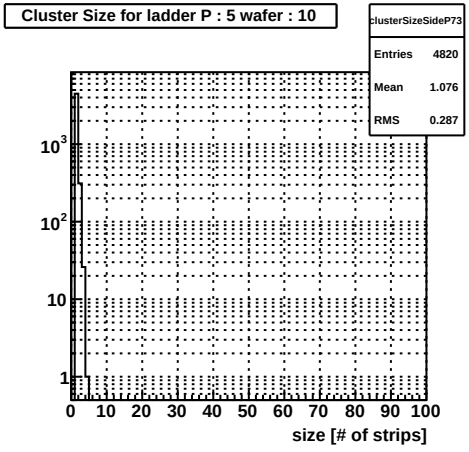

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 1510
Mean 1.028
RMS 0.1703
size [# of strips]

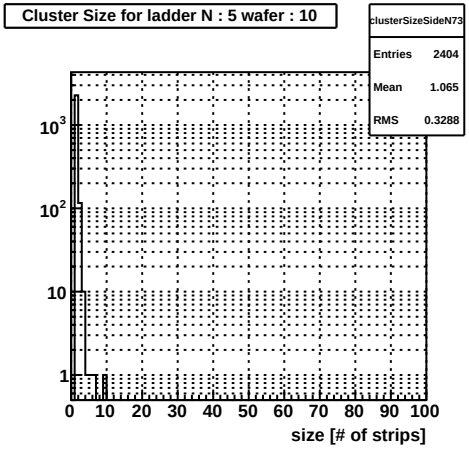

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

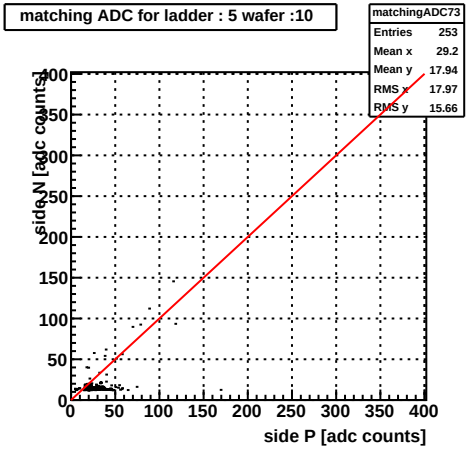

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

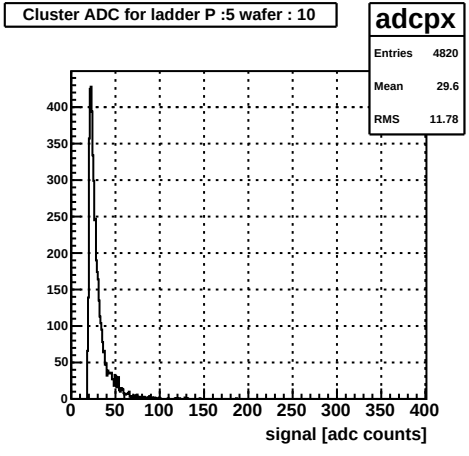

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 1510
Mean 26.83
RMS 18.29
signal [adc counts]

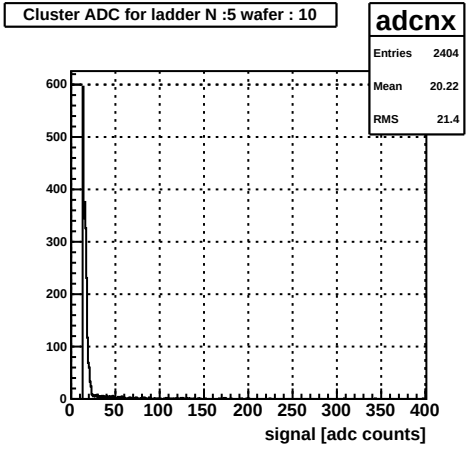

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

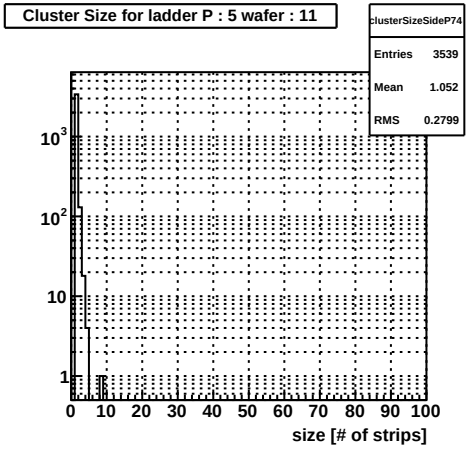

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 4820
Mean 1.076
RMS 0.287
size [# of strips]

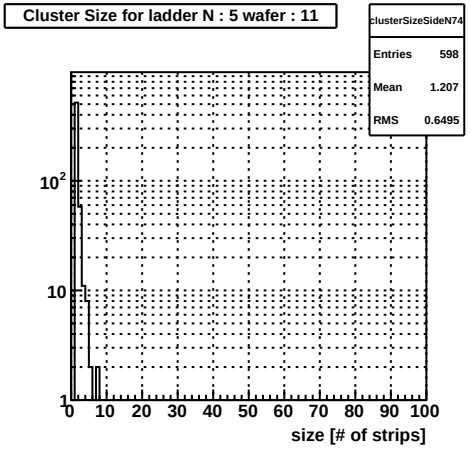

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 2404
Mean 1.065
RMS 0.3288
size [# of strips]

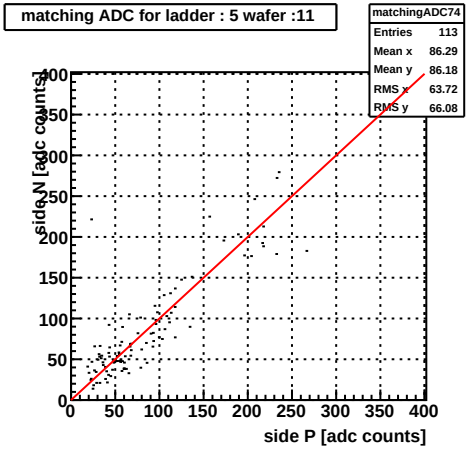

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 253
Mean x 29.2
Mean y 17.94
RMS x 17.97
RMS y 15.66
side N [adc counts]
side P [adc counts]

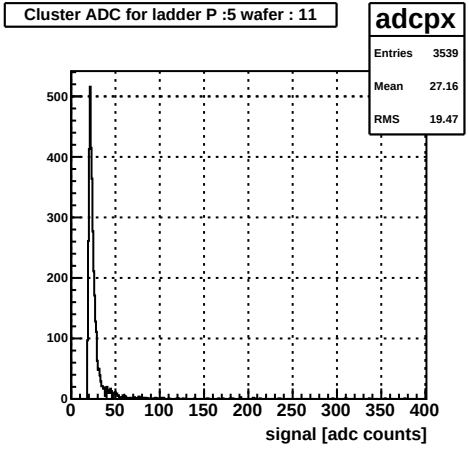

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 4820
Mean 29.6
RMS 11.78
signal [adc counts]

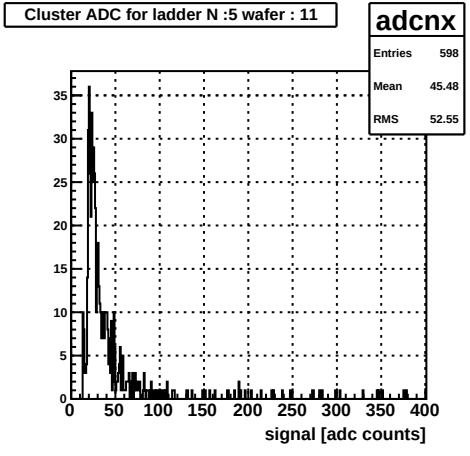

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 2404
Mean 20.22
RMS 21.4
signal [adc counts]

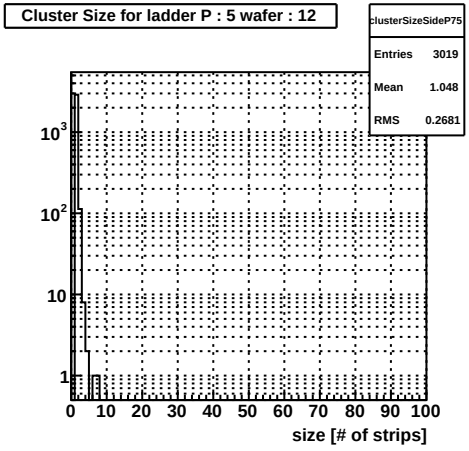

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 3539
Mean 1.052
RMS 0.2799
size [# of strips]

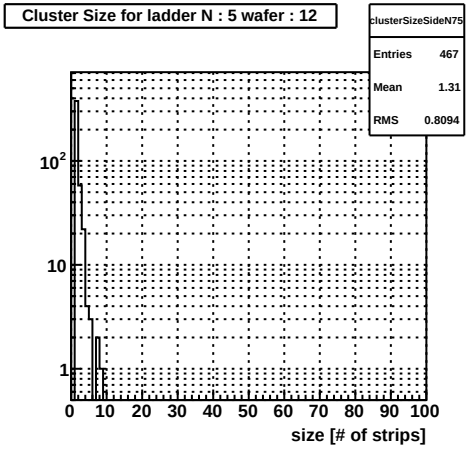

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 598
Mean 1.207
RMS 0.6495
size [# of strips]

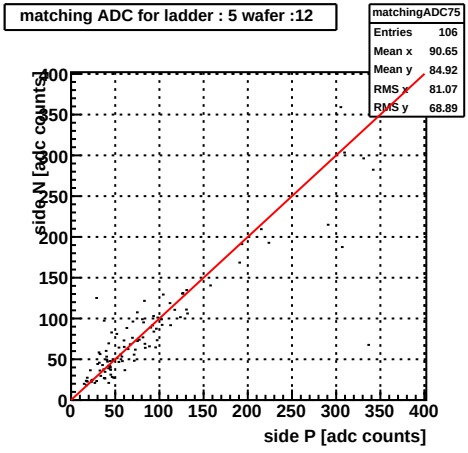

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 113
Mean x 86.29
Mean y 86.18
RMS x 63.72
RMS y 66.08
side N [adc counts]
side P [adc counts]

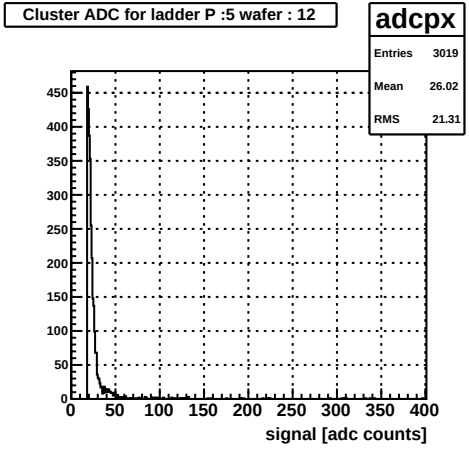

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 3539
Mean 27.16
RMS 19.47
signal [adc counts]

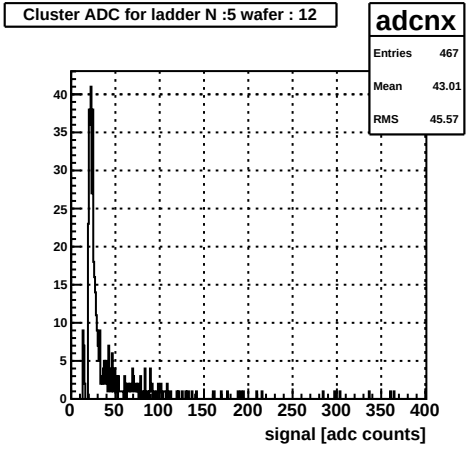

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 598
Mean 45.48
RMS 52.55
signal [adc counts]

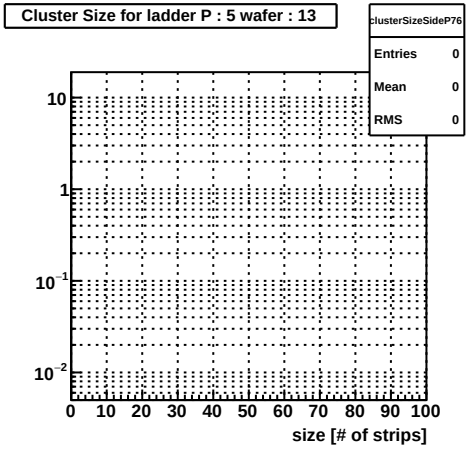

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 3019
Mean 1.048
RMS 0.2681
size [# of strips]

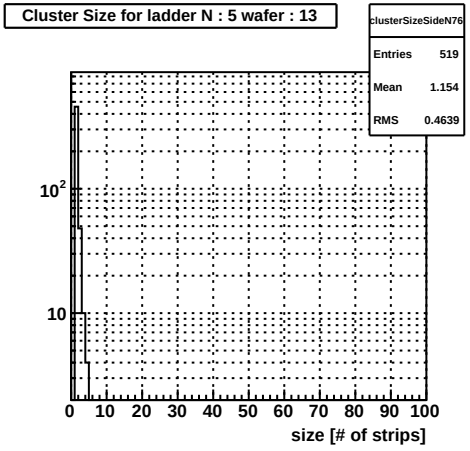

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 467
Mean 1.31
RMS 0.8094
size [# of strips]

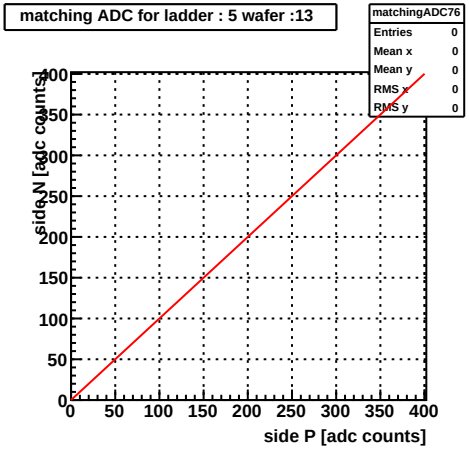

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 106
Mean x 90.65
Mean y 84.92
RMS x 81.07
RMS y 68.89
side N [adc counts]
side P [adc counts]

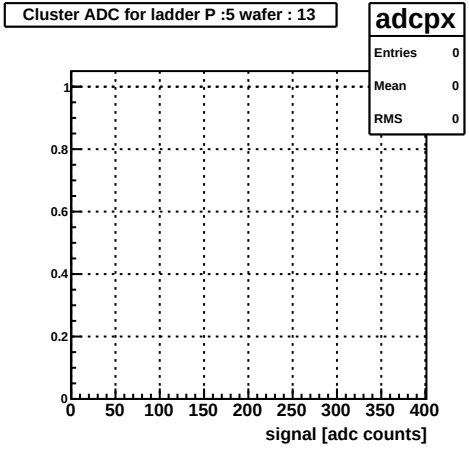

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 3019
Mean 26.02
RMS 21.31
signal [adc counts]

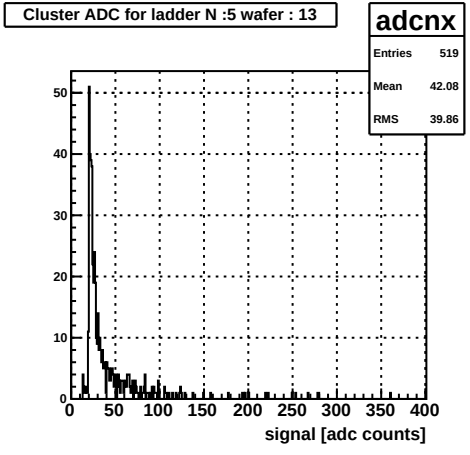

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 467
Mean 43.01
RMS 45.57
signal [adc counts]

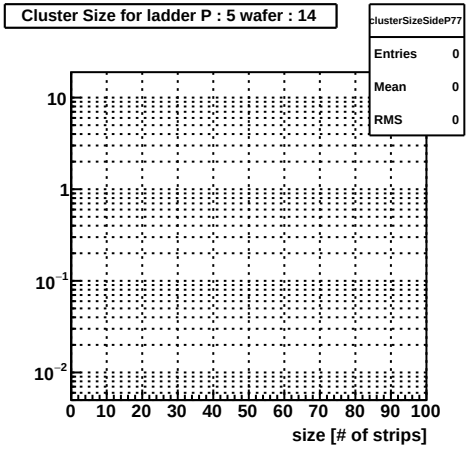

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 0
Mean 0
RMS 0
size [# of strips]

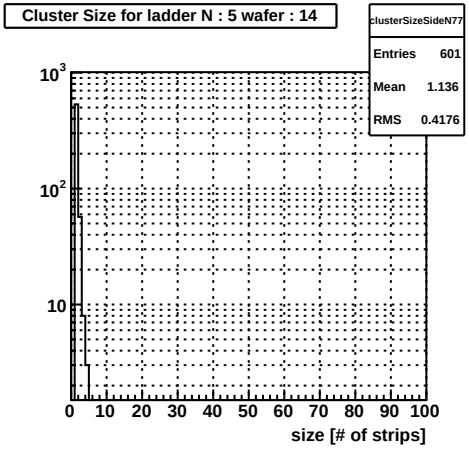

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 519
Mean 1.154
RMS 0.4639
size [# of strips]

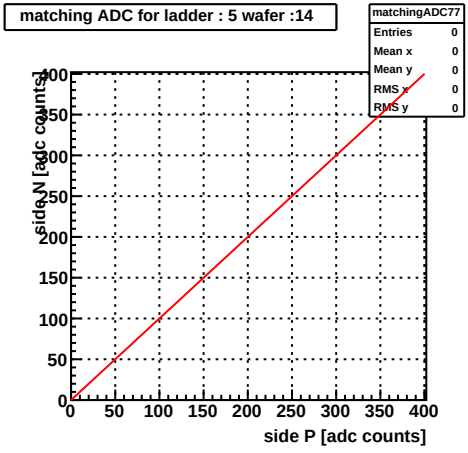

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

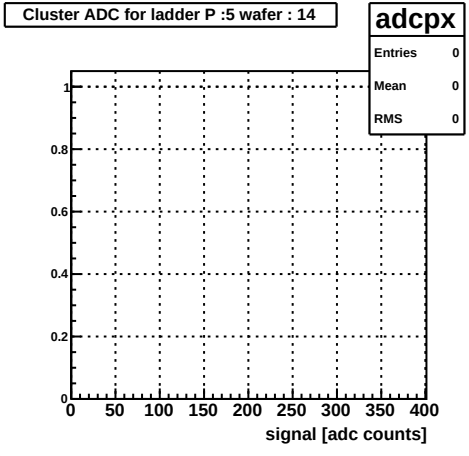

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

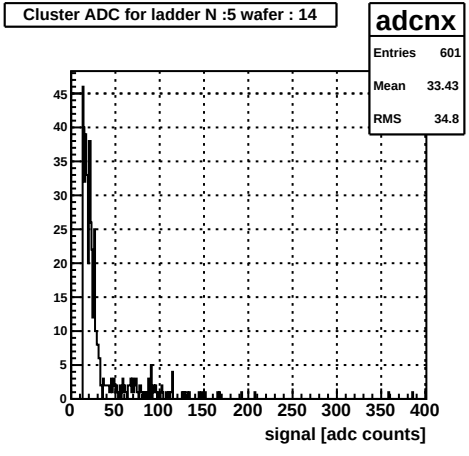

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 519
Mean 42.08
RMS 39.86
signal [adc counts]

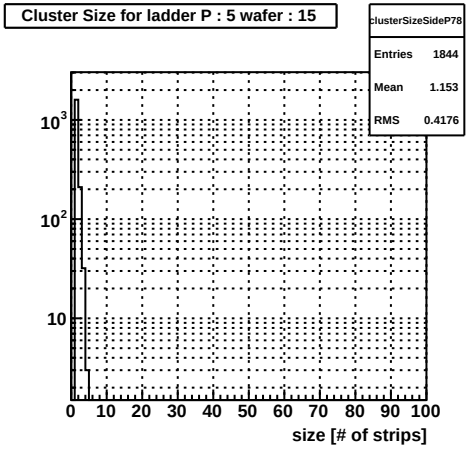

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

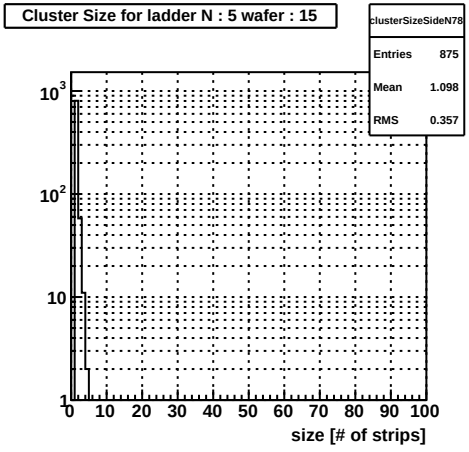

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 601
Mean 1.136
RMS 0.4176
size [# of strips]

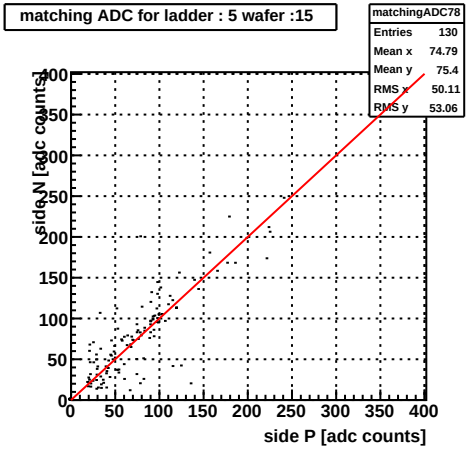

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

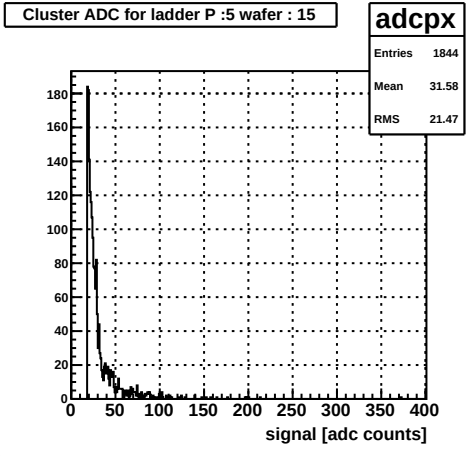

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

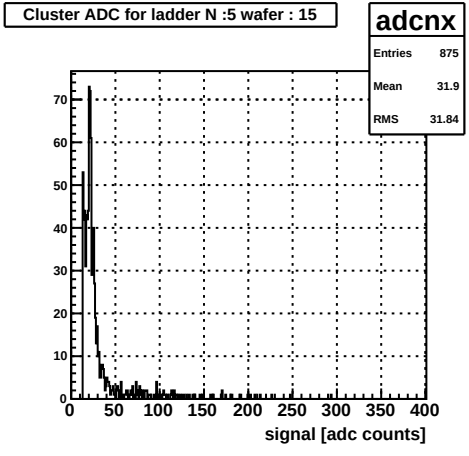

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 601
Mean 33.43
RMS 34.8
signal [adc counts]

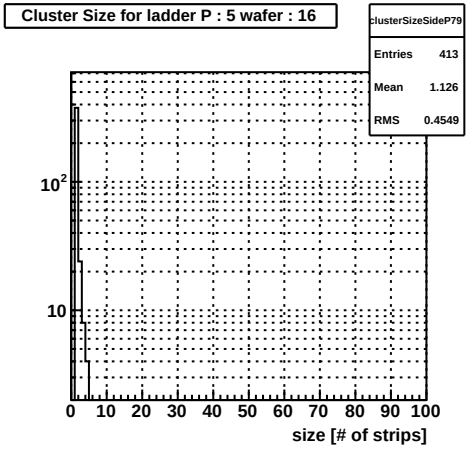

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 1844
Mean 1.153
RMS 0.4176
size [# of strips]

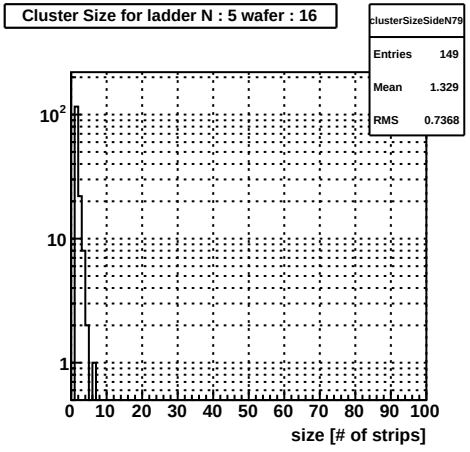

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 875
Mean 1.098
RMS 0.357
size [# of strips]

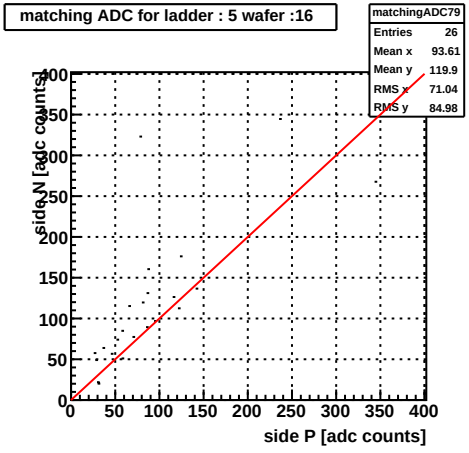

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 130
Mean x 74.79
Mean y 75.4
RMS x 50.11
RMS y 53.06
side N [adc counts]
side P [adc counts]

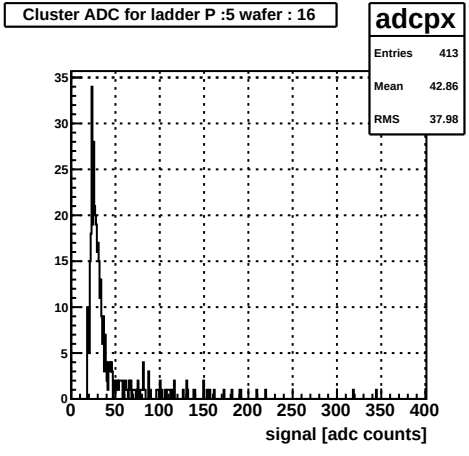

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 1844
Mean 31.58
RMS 21.47
signal [adc counts]

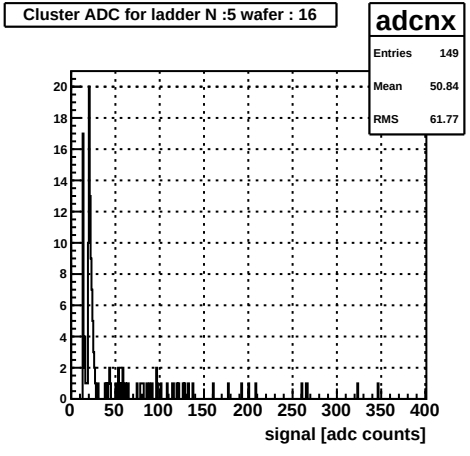

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 875
Mean 31.9
RMS 31.84
signal [adc counts]

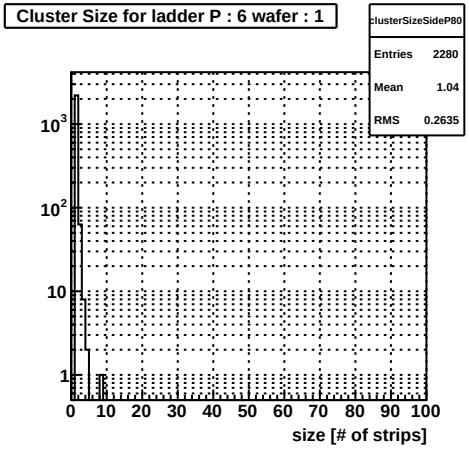

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 413
Mean 1.126
RMS 0.4549
size [# of strips]

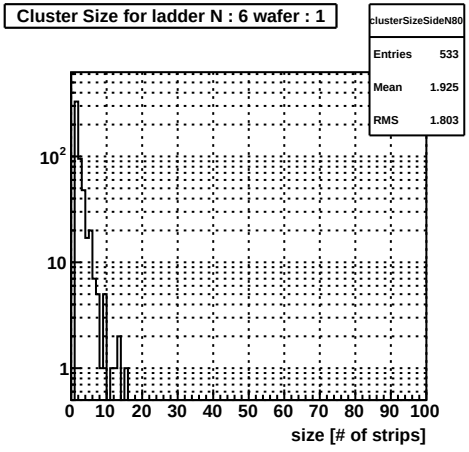

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 149
Mean 1.329
RMS 0.7368
size [# of strips]

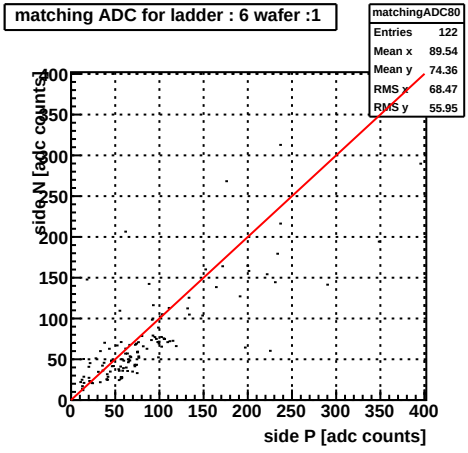

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 26
Mean x 93.61
Mean y 119.9
RMS x 71.04
RMS y 84.98
side N [adc counts]
side P [adc counts]

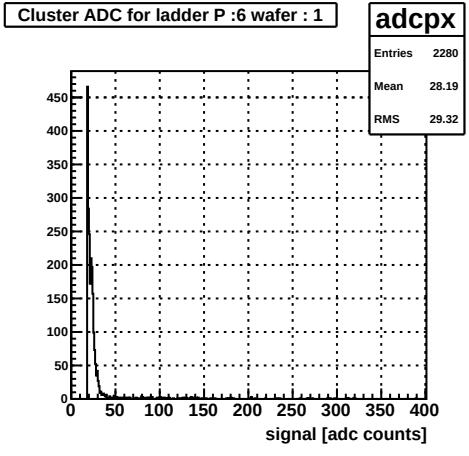

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 413
Mean 42.86
RMS 37.98
signal [adc counts]

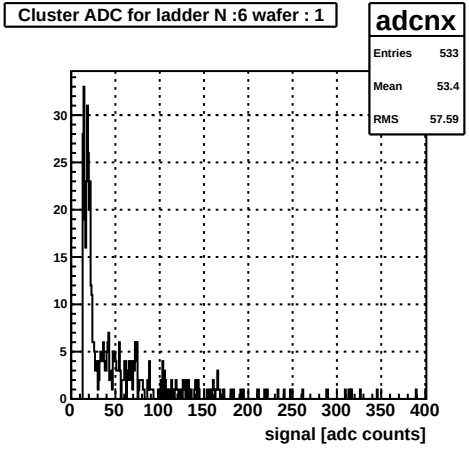

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 149
Mean 50.84
RMS 61.77
signal [adc counts]

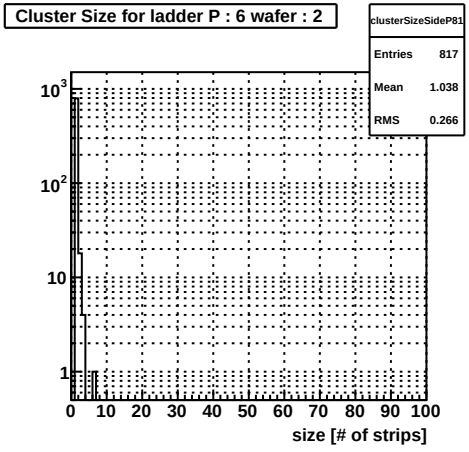

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 2280
Mean 1.04
RMS 0.2635
size [# of strips]

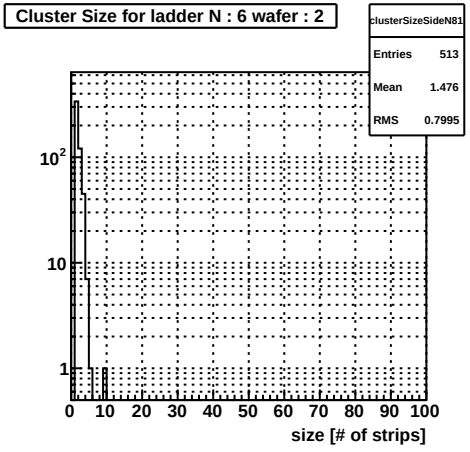

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 533
Mean 1.925
RMS 1.803
size [# of strips]

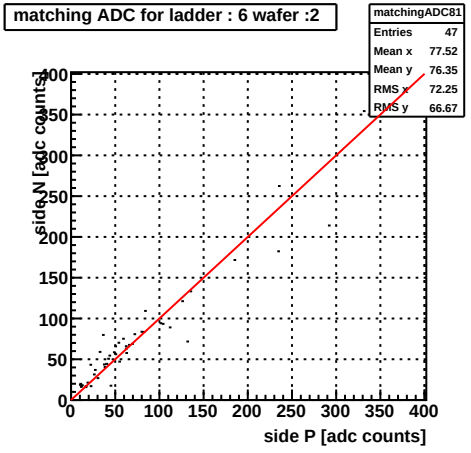

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 122
Mean x 89.54
Mean y 74.36
RMS x 68.47
RMS y 55.95
side N [adc counts]
side P [adc counts]

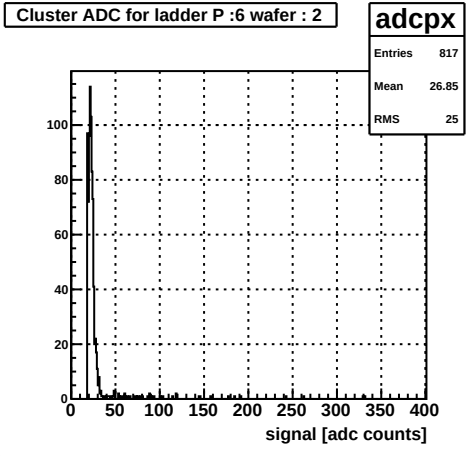

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 2280
Mean 28.19
RMS 29.32
signal [adc counts]

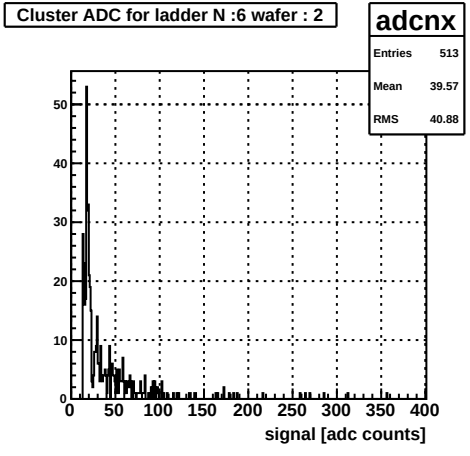

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 533
Mean 53.4
RMS 57.59
signal [adc counts]

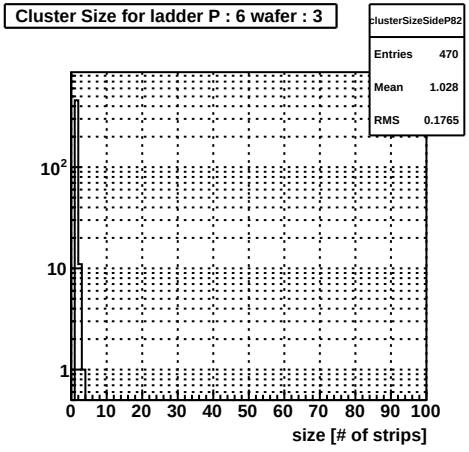

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 817
Mean 1.038
RMS 0.266
size [# of strips]

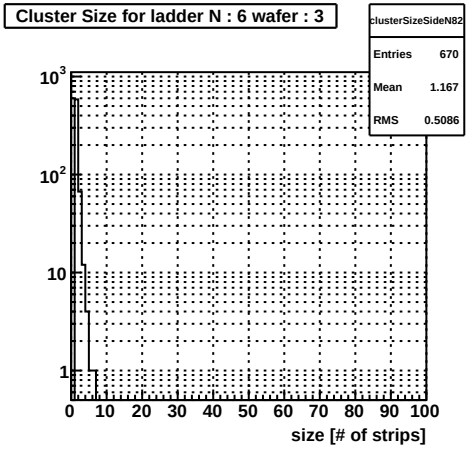

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 513
Mean 1.476
RMS 0.7995
size [# of strips]

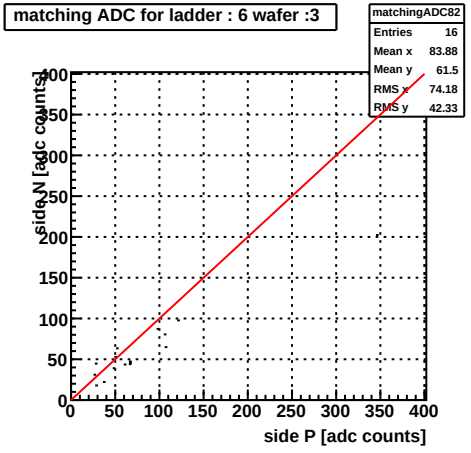

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 47
Mean x 77.52
Mean y 76.35
RMS x 72.25
RMS y 66.67
side N [adc counts]
side P [adc counts]

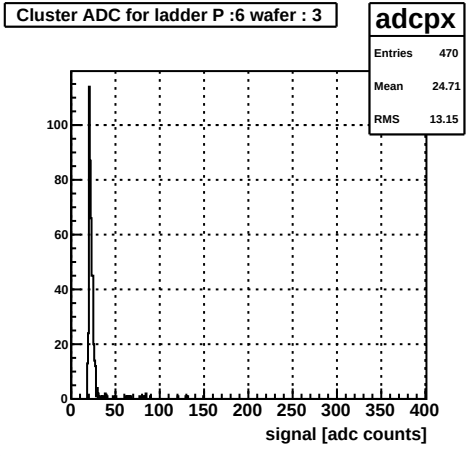

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 817
Mean 26.85
RMS 25
signal [adc counts]

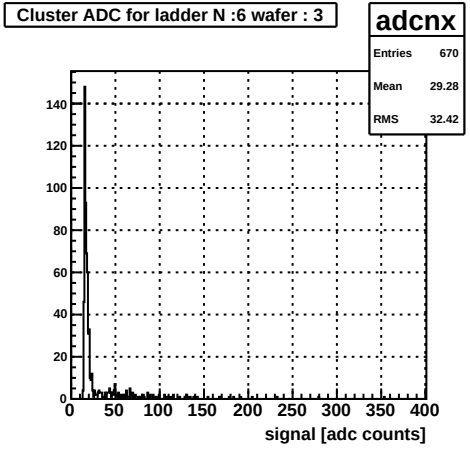

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 513
Mean 39.57
RMS 40.88
signal [adc counts]

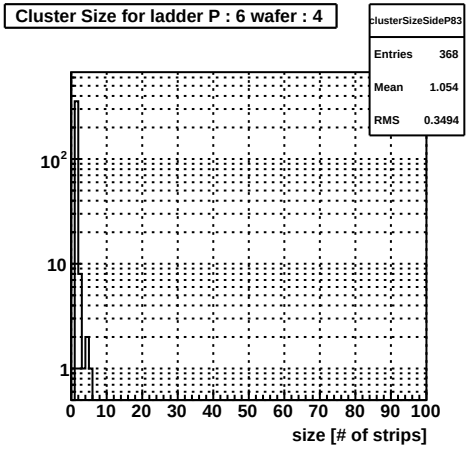

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 470
Mean 1.028
RMS 0.1765
size [# of strips]

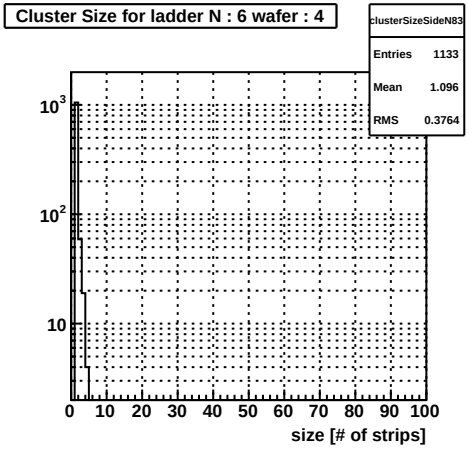

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 670
Mean 1.167
RMS 0.5086
size [# of strips]

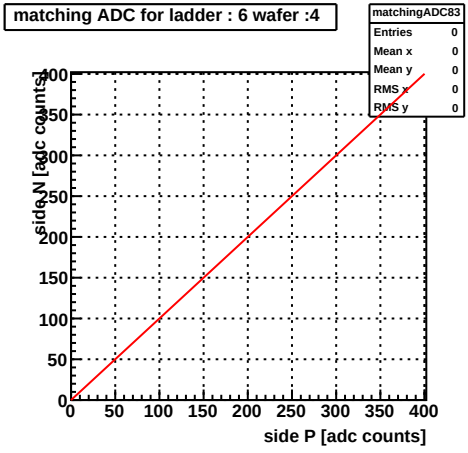

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 16
Mean x 83.88
Mean y 61.5
RMS x 74.18
RMS y 42.33
side N [adc counts]
side P [adc counts]

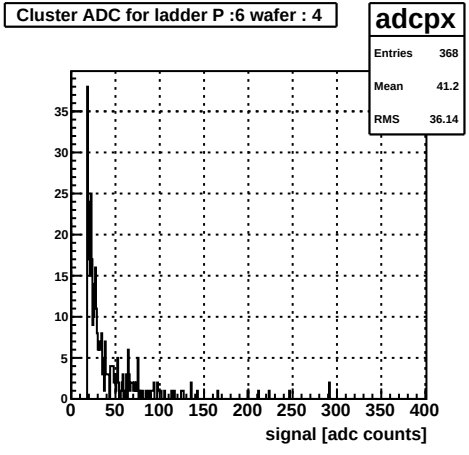

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 470
Mean 24.71
RMS 13.15
signal [adc counts]

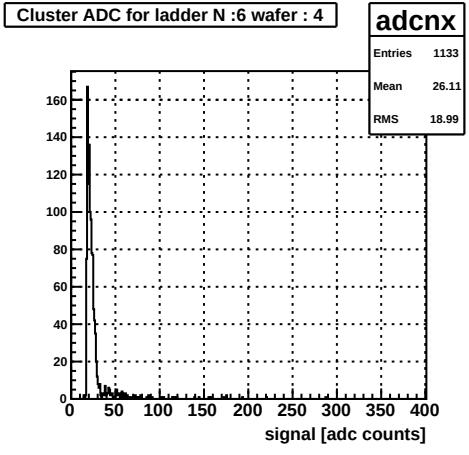

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 670
Mean 29.28
RMS 32.42
signal [adc counts]

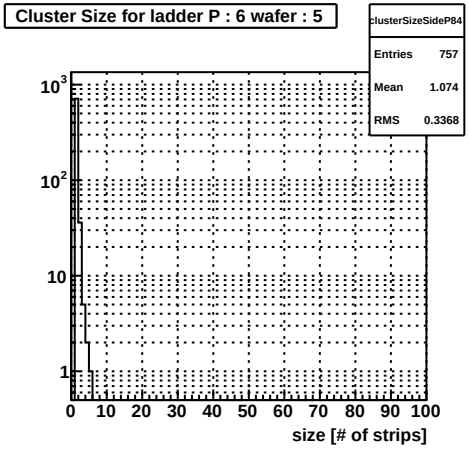

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 368
Mean 1.054
RMS 0.3494
size [# of strips]

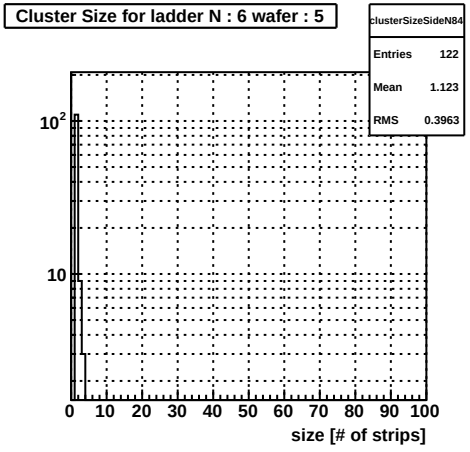

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 1133
Mean 1.096
RMS 0.3764
size [# of strips]

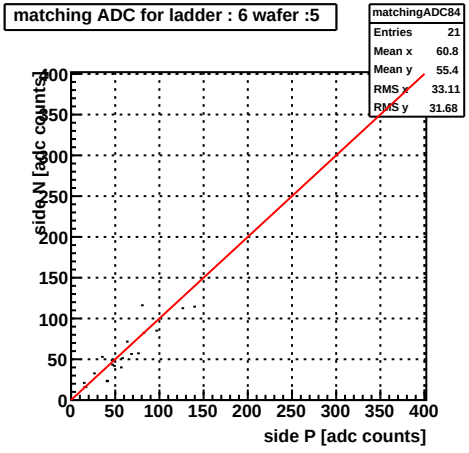

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

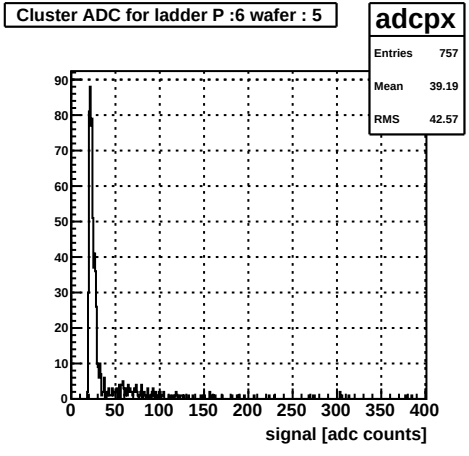

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 368
Mean 41.2
RMS 36.14
signal [adc counts]

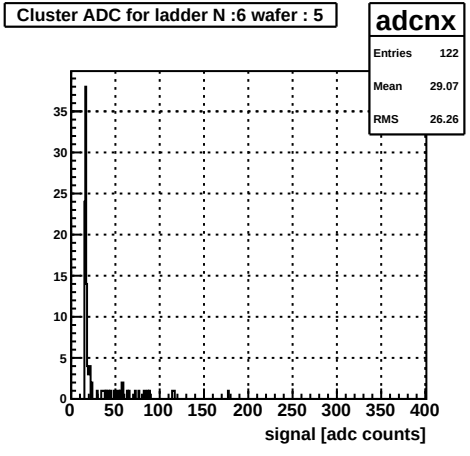

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 1133
Mean 26.11
RMS 18.99
signal [adc counts]

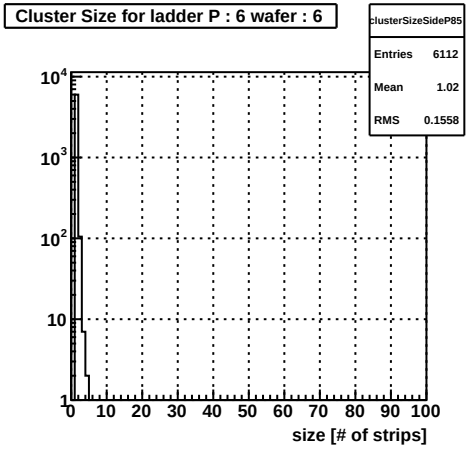

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 757
Mean 1.074
RMS 0.3368
size [# of strips]

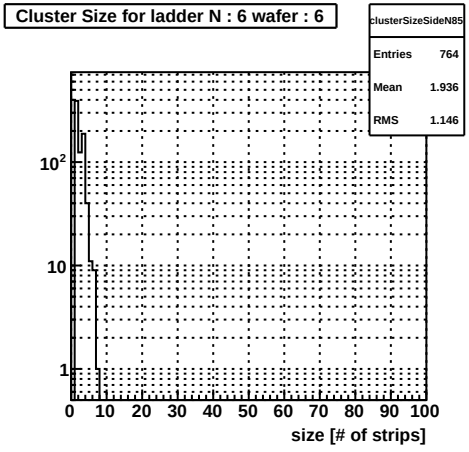

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 122
Mean 1.123
RMS 0.3963
size [# of strips]

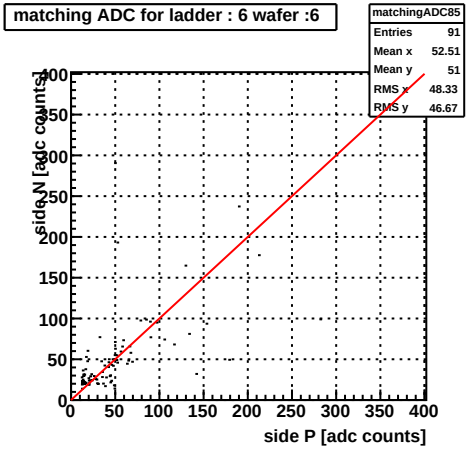

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 21
Mean x 60.8
Mean y 55.4
RMS x 33.11
RMS y 31.68
side N [adc counts]
side P [adc counts]

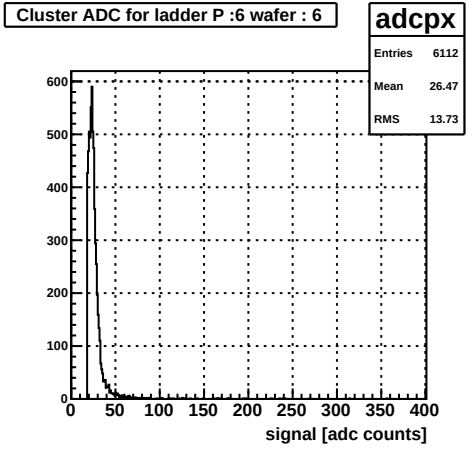

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 757
Mean 39.19
RMS 42.57
signal [adc counts]

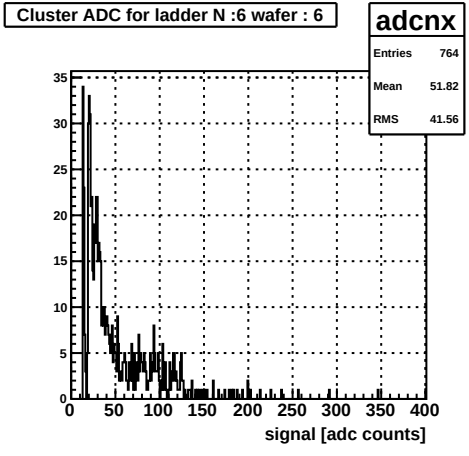

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 122
Mean 29.07
RMS 26.26
signal [adc counts]

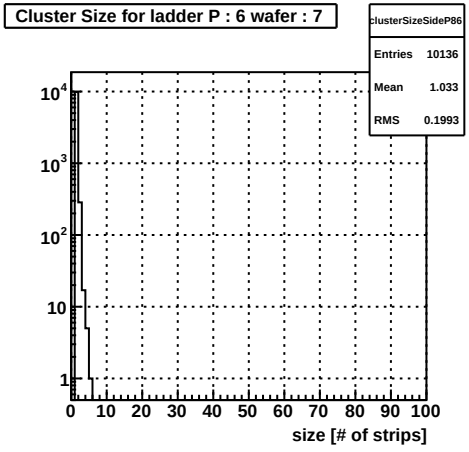

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 6112
Mean 1.02
RMS 0.1558
size [# of strips]

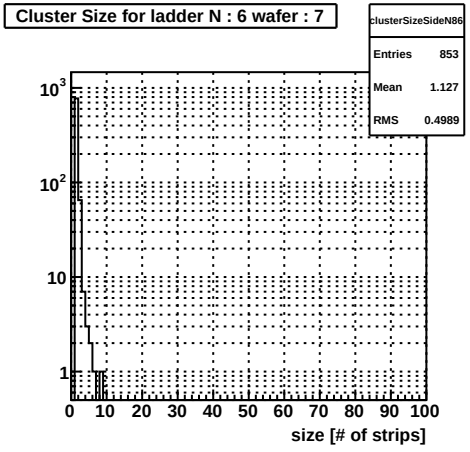

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 764
Mean 1.936
RMS 1.146
size [# of strips]

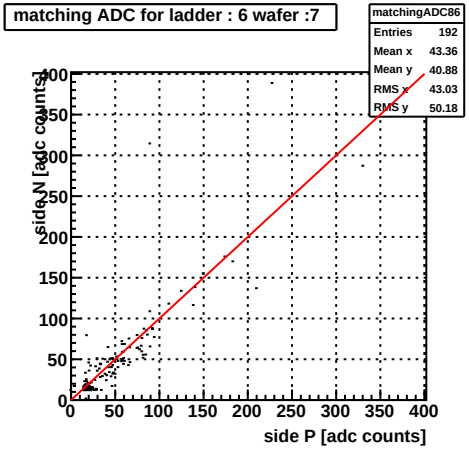

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 91
Mean x 52.51
Mean y 51
RMS x 48.33
RMS y 46.67
side N [adc counts]
side P [adc counts]

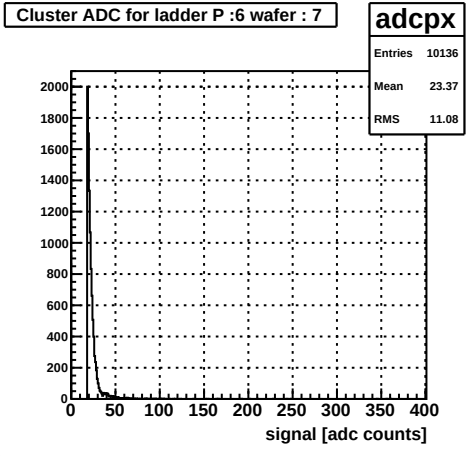

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 6112
Mean 26.47
RMS 13.73
signal [adc counts]

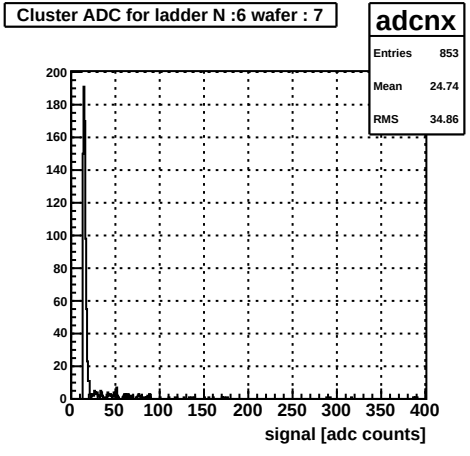

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 764
Mean 51.82
RMS 41.56
signal [adc counts]

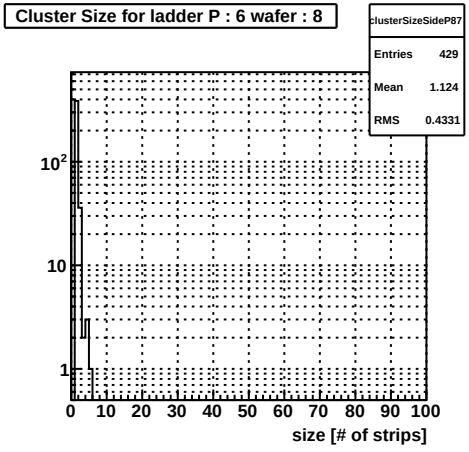

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 10136
Mean 1.033
RMS 0.1993
size [# of strips]

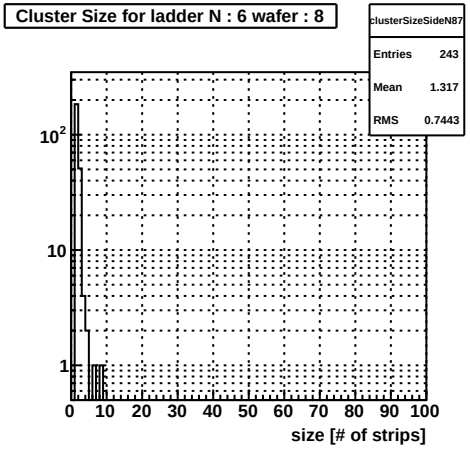

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 853
Mean 1.127
RMS 0.4989
size [# of strips]

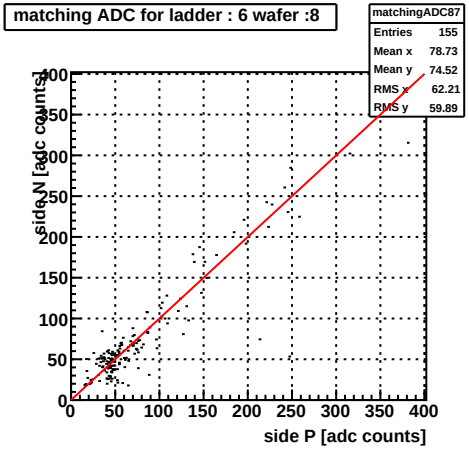

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 192
Mean x 43.36
Mean y 40.88
RMS x 43.03
RMS y 50.18
side N [adc counts]
side P [adc counts]

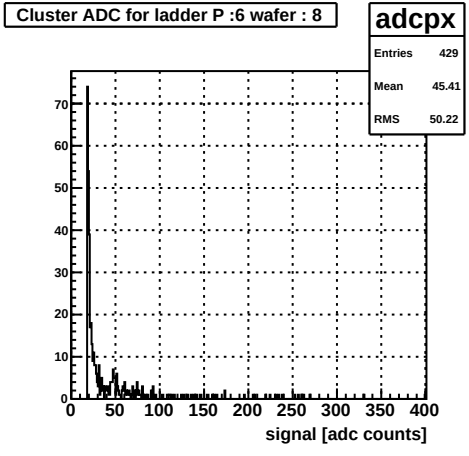

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 10136
Mean 23.37
RMS 11.08
signal [adc counts]

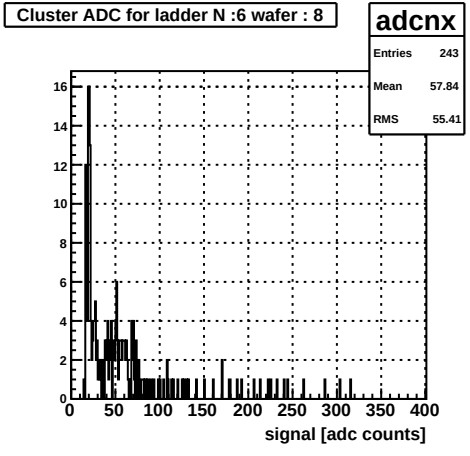

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 853
Mean 24.74
RMS 34.86
signal [adc counts]

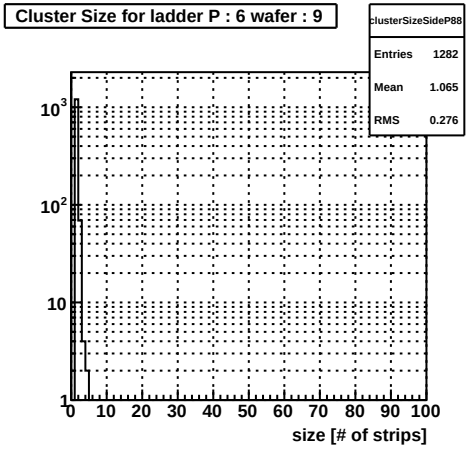

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 429
Mean 1.124
RMS 0.4331
size [# of strips]

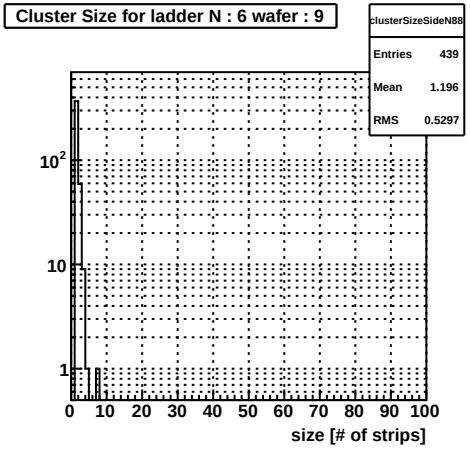

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 243
Mean 1.317
RMS 0.7443
size [# of strips]

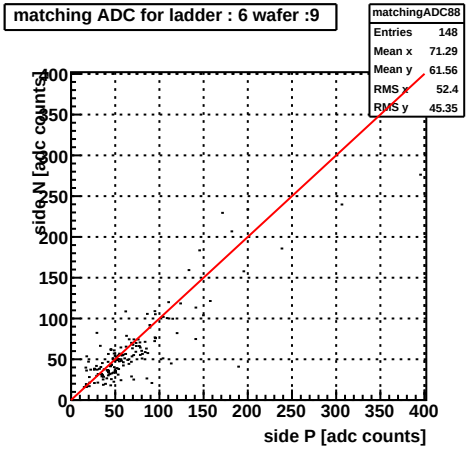

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 155
Mean x 78.73
Mean y 74.52
RMS x 62.21
RMS y 59.89
side N [adc counts]
side P [adc counts]

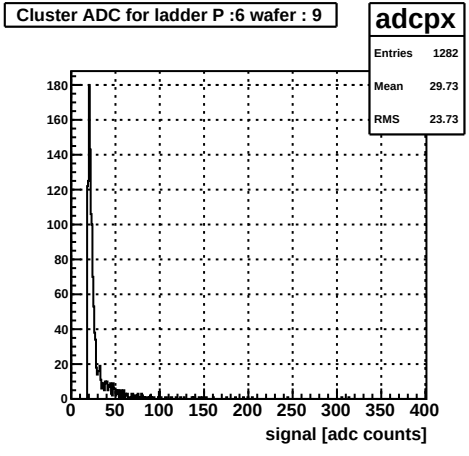

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 429
Mean 45.41
RMS 50.22
signal [adc counts]

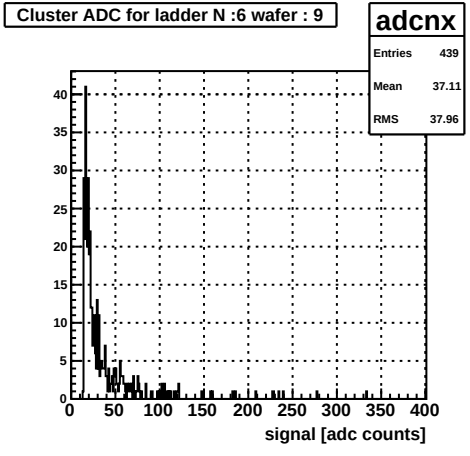

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 243
Mean 57.84
RMS 55.41
signal [adc counts]

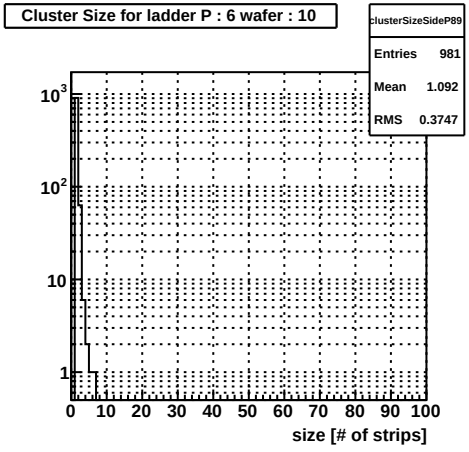

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 1282
Mean 1.065
RMS 0.276
size [# of strips]

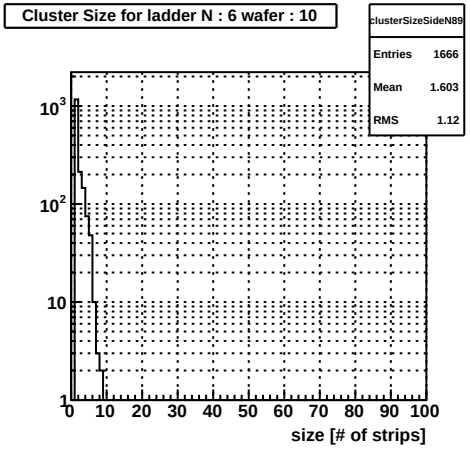

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 439
Mean 1.196
RMS 0.5297
size [# of strips]

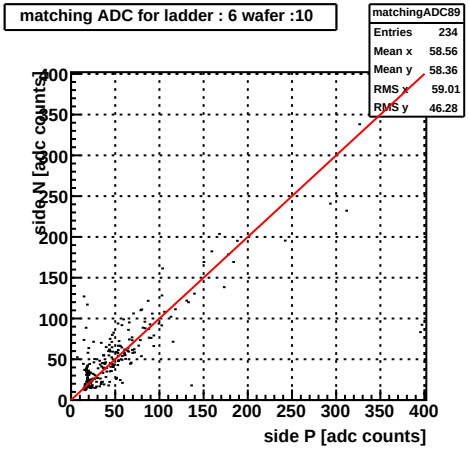

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 148
Mean x 71.29
Mean y 61.56
RMS x 52.4
RMS y 45.35
side N [adc counts]
side P [adc counts]

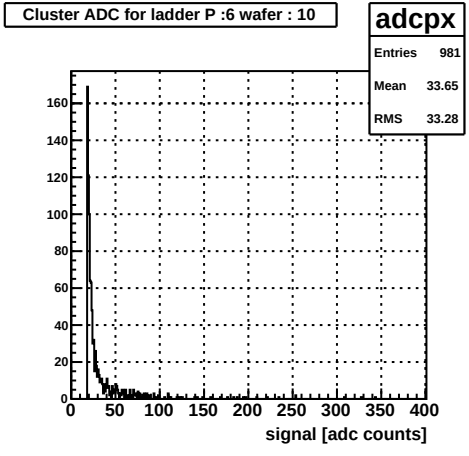

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 1282
Mean 29.73
RMS 23.73
signal [adc counts]

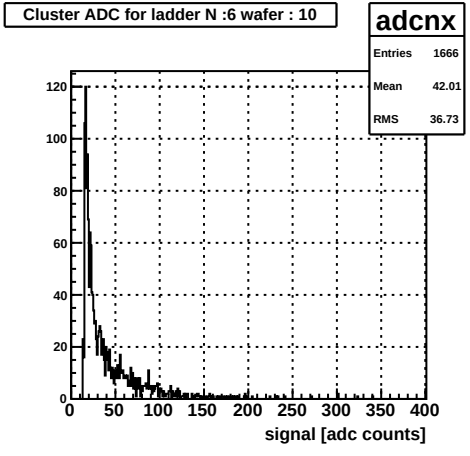

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 439
Mean 37.11
RMS 37.96
signal [adc counts]

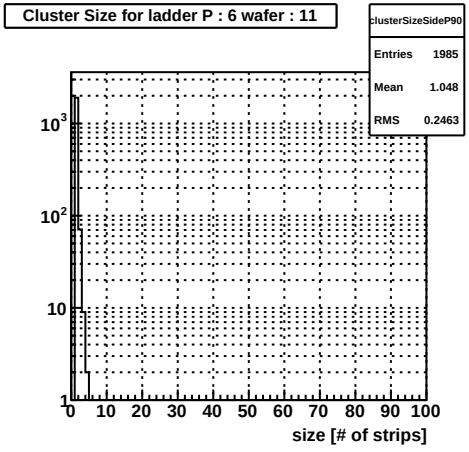

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 981
Mean 1.092
RMS 0.3747
size [# of strips]

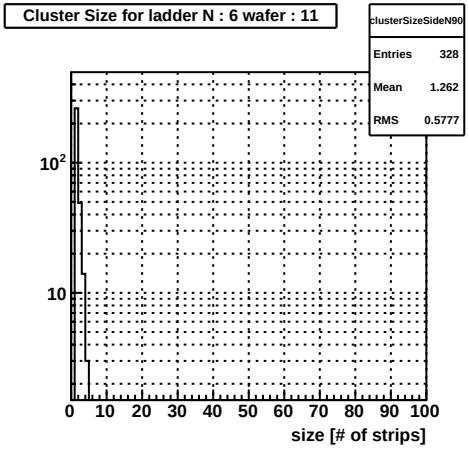

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 1666
Mean 1.603
RMS 1.12
size [# of strips]

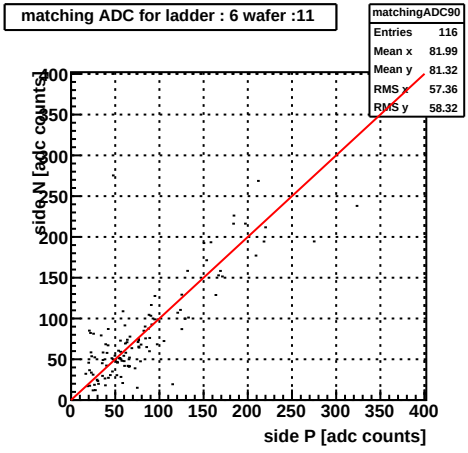

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 234
Mean x 58.56
Mean y 58.36
RMS x 59.01
RMS y 46.28
side N [adc counts]
side P [adc counts]

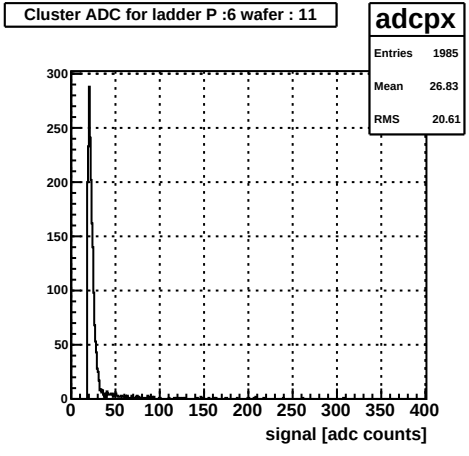

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 981
Mean 33.65
RMS 33.28
signal [adc counts]

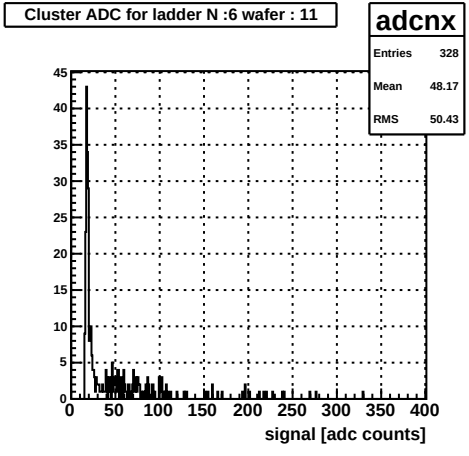

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 1666
Mean 42.01
RMS 36.73
signal [adc counts]

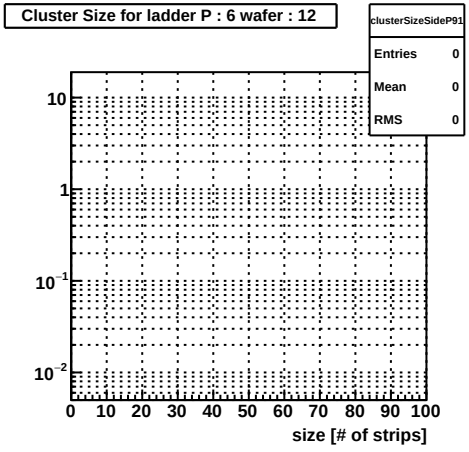

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 1985
Mean 1.048
RMS 0.2463
size [# of strips]

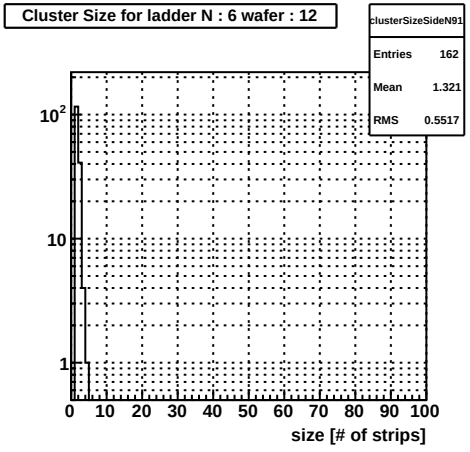

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 328
Mean 1.262
RMS 0.5777
size [# of strips]

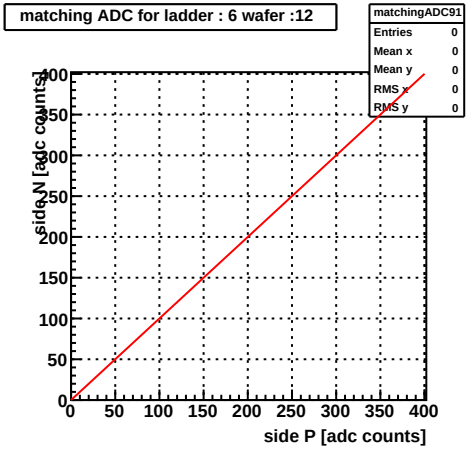

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 116
Mean x 81.99
Mean y 81.32
RMS x 57.36
RMS y 58.32
side N [adc counts]
side P [adc counts]

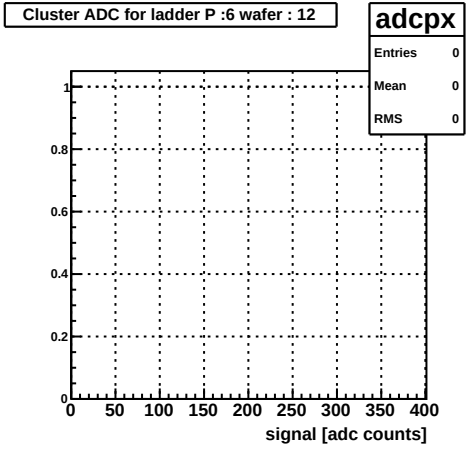

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 1985
Mean 26.83
RMS 20.61
signal [adc counts]

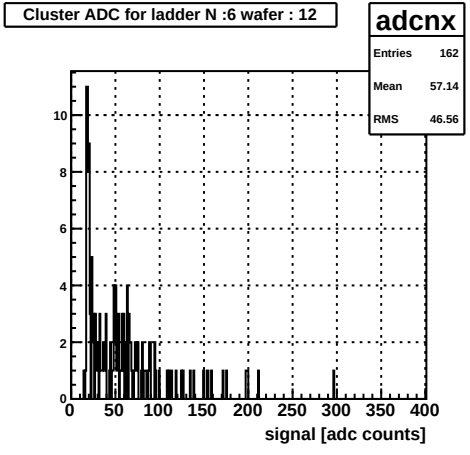

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 328
Mean 48.17
RMS 50.43
signal [adc counts]

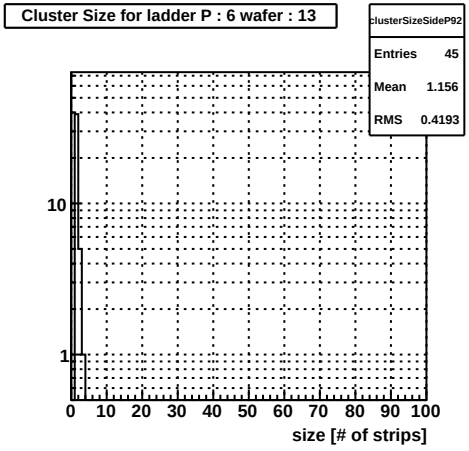

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 0
Mean 0
RMS 0
size [# of strips]

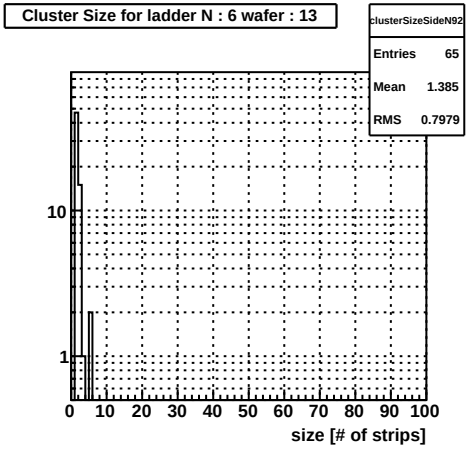

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 162
Mean 1.321
RMS 0.5517
size [# of strips]

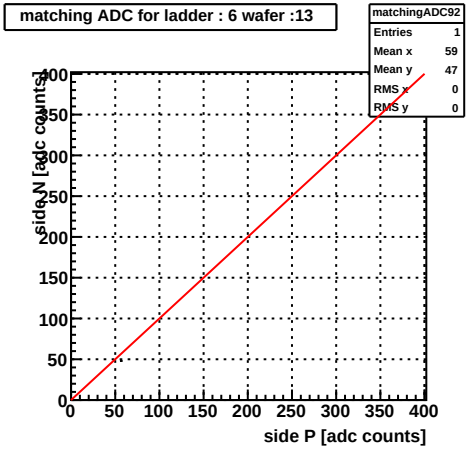

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

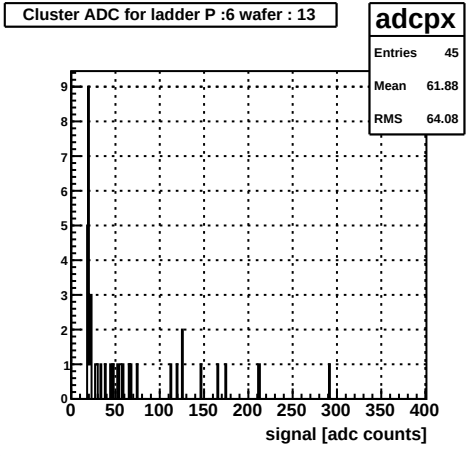

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

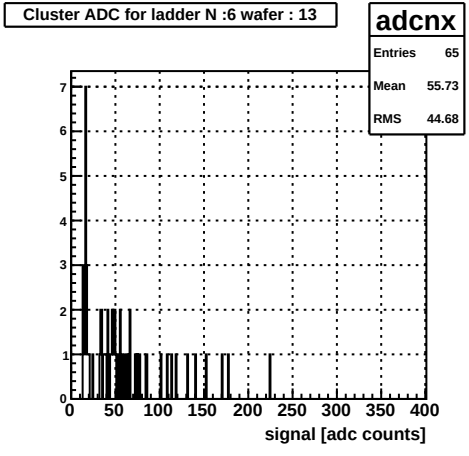

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 162
Mean 57.14
RMS 46.56
signal [adc counts]

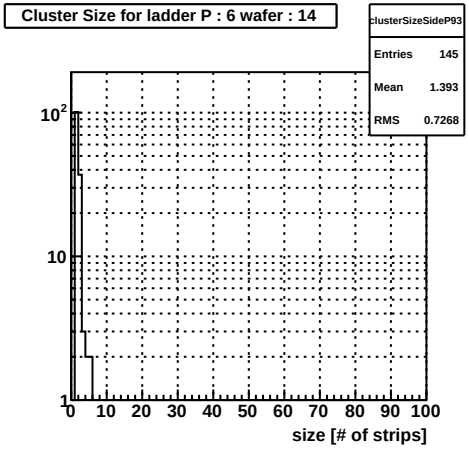

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 45
Mean 1.156
RMS 0.4193
size [# of strips]

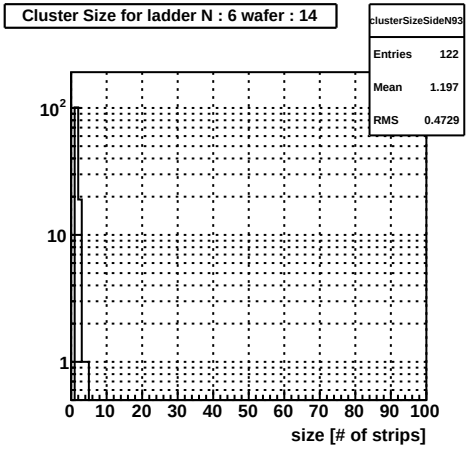

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 65
Mean 1.385
RMS 0.7979
size [# of strips]

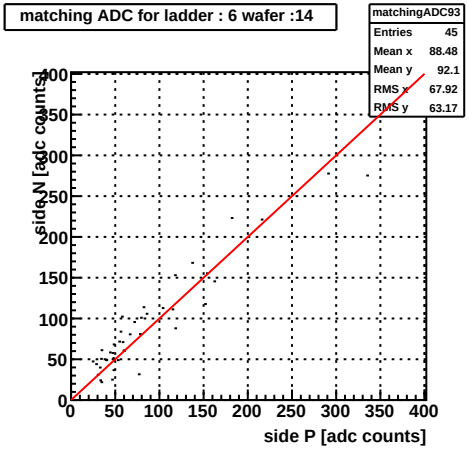

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 1
Mean x 59
Mean y 47
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

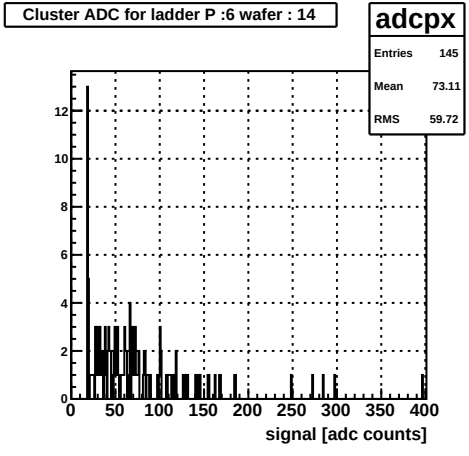

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 45
Mean 61.88
RMS 64.08
signal [adc counts]

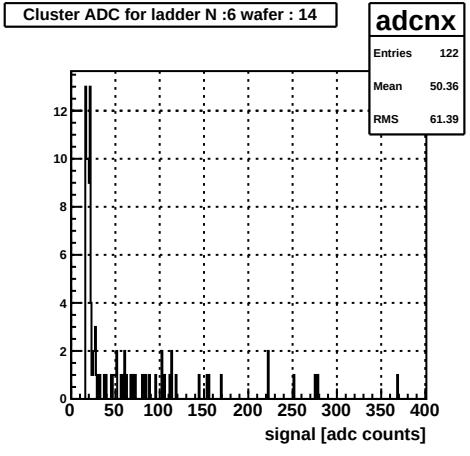

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 65
Mean 55.73
RMS 44.68
signal [adc counts]

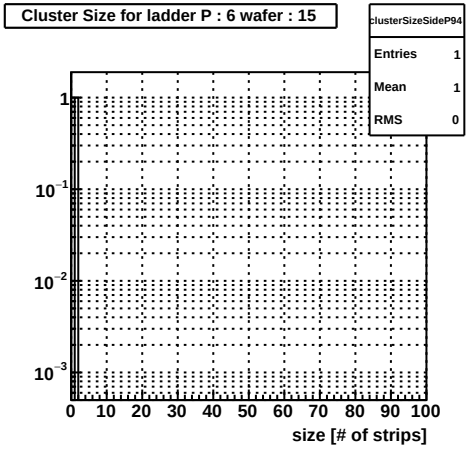

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 145
Mean 1.393
RMS 0.7268
size [# of strips]

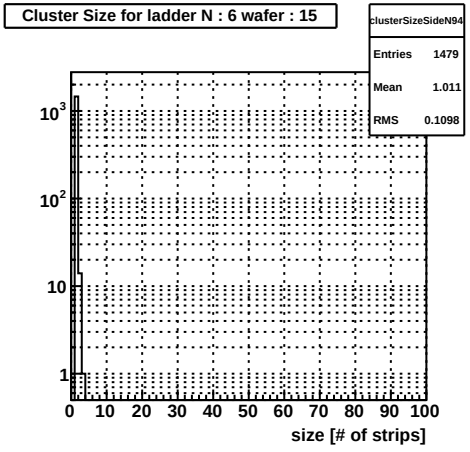

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 122
Mean 1.197
RMS 0.4729
size [# of strips]

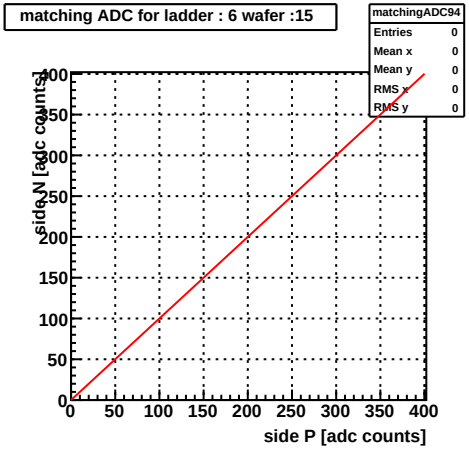

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 45
Mean x 88.48
Mean y 92.1
RMS x 67.92
RMS y 63.17
side N [adc counts]
side P [adc counts]

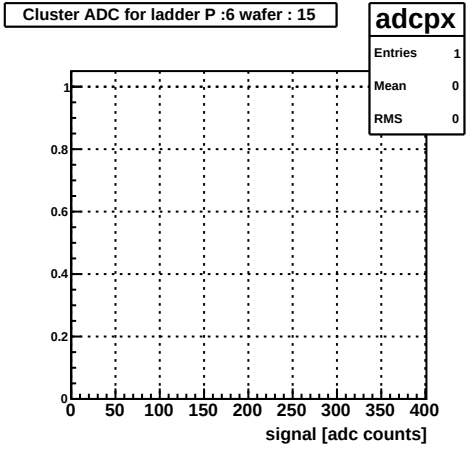

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 145
Mean 73.11
RMS 59.72
signal [adc counts]

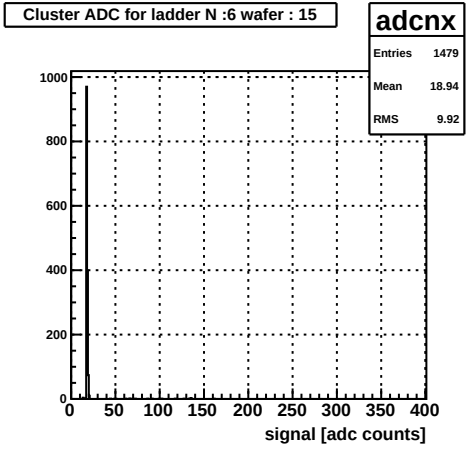

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 122
Mean 50.36
RMS 61.39
signal [adc counts]

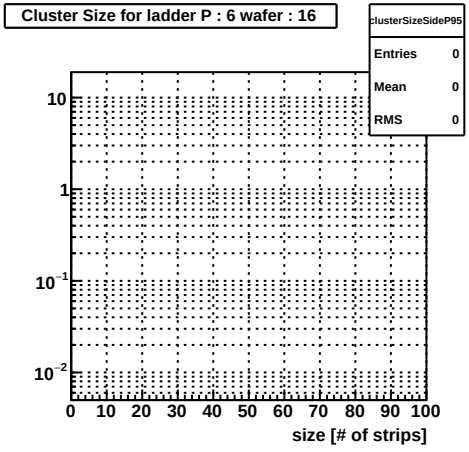

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 1
Mean 1
RMS 0
size [# of strips]

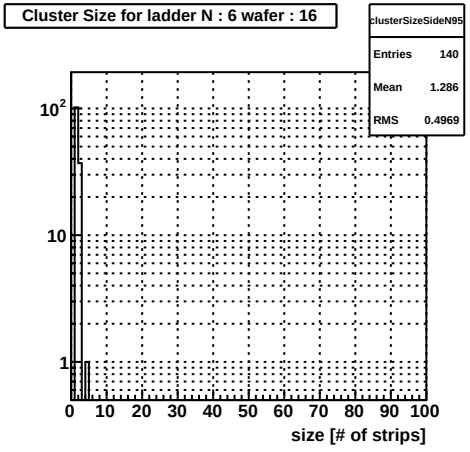

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 1479
Mean 1.011
RMS 0.1098
size [# of strips]

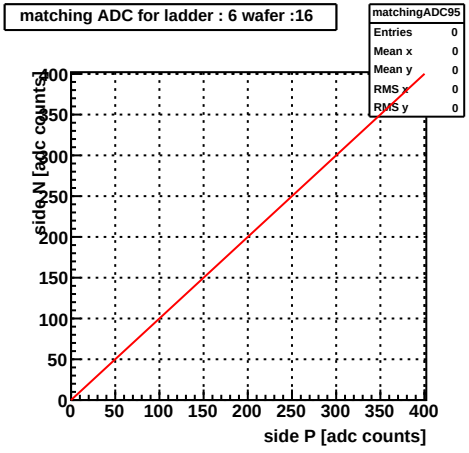

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

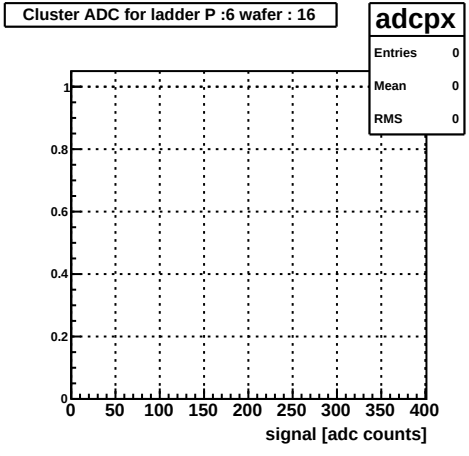

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

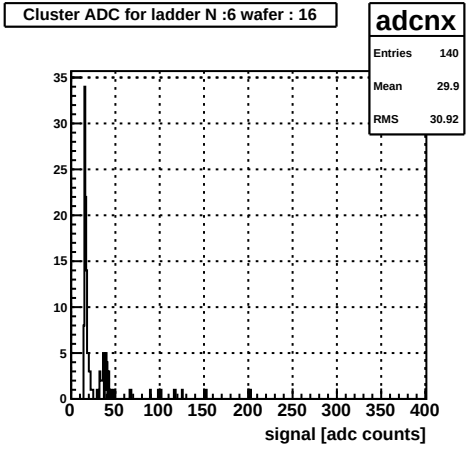

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 1479
Mean 18.94
RMS 9.92
signal [adc counts]

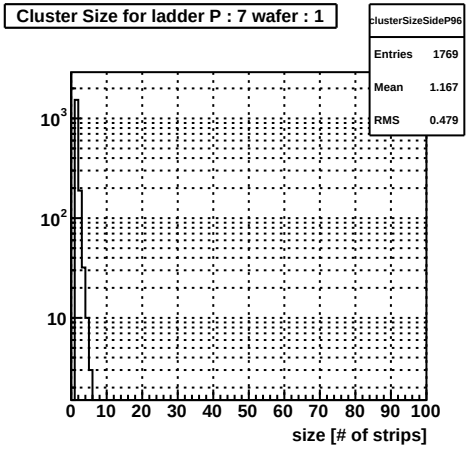

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

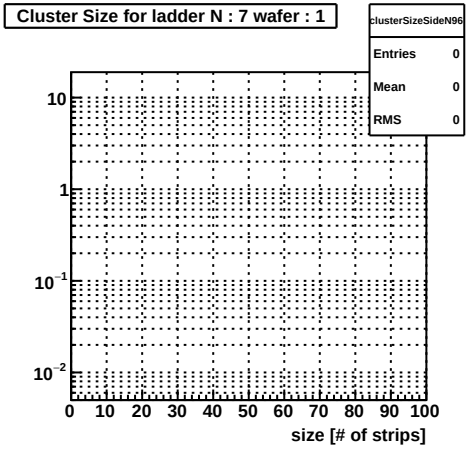

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 140
Mean 1.286
RMS 0.4969
size [# of strips]

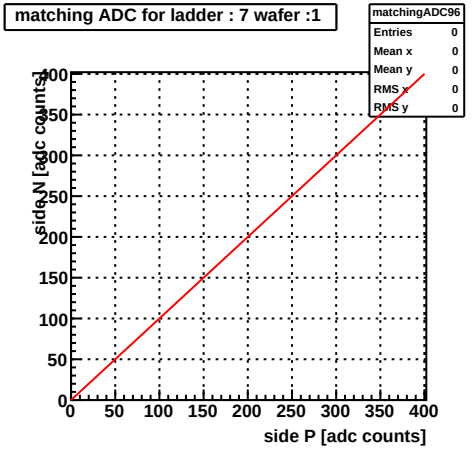

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

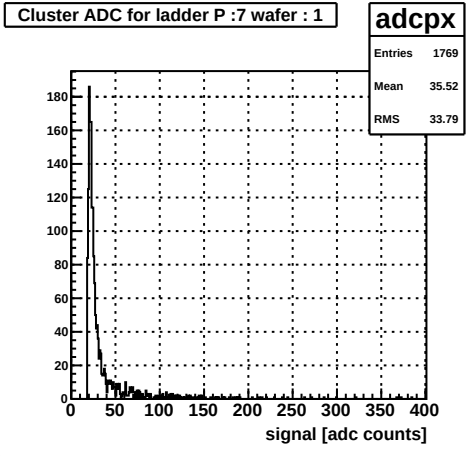

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

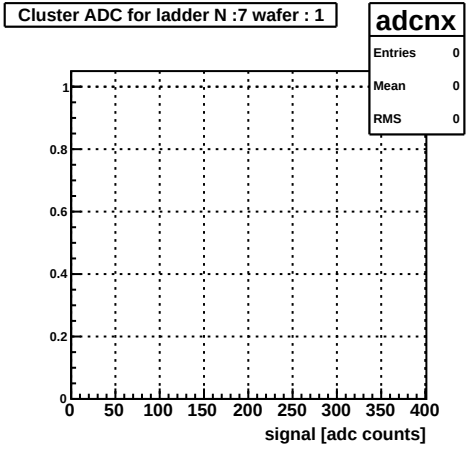

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 140
Mean 29.9
RMS 30.92
signal [adc counts]

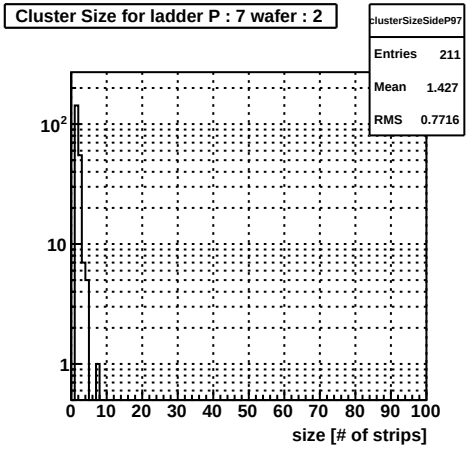

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 1769
Mean 1.167
RMS 0.479
size [# of strips]

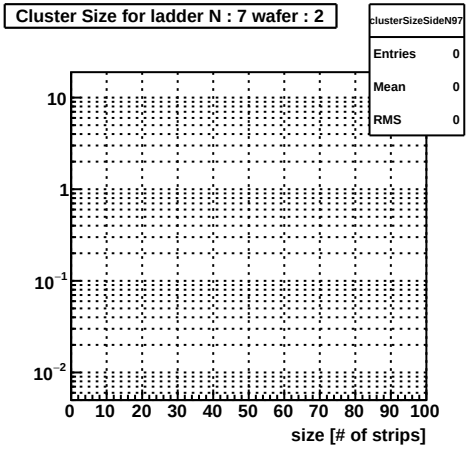

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

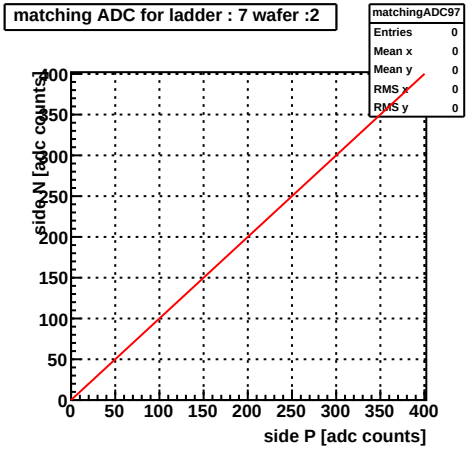

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

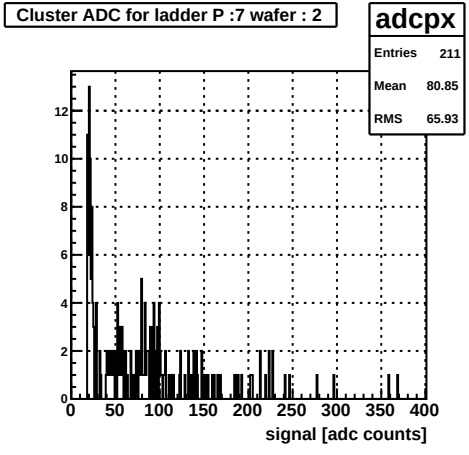

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 1769
Mean 35.52
RMS 33.79
signal [adc counts]

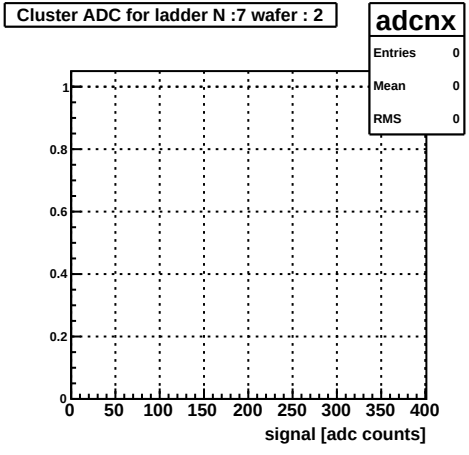

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

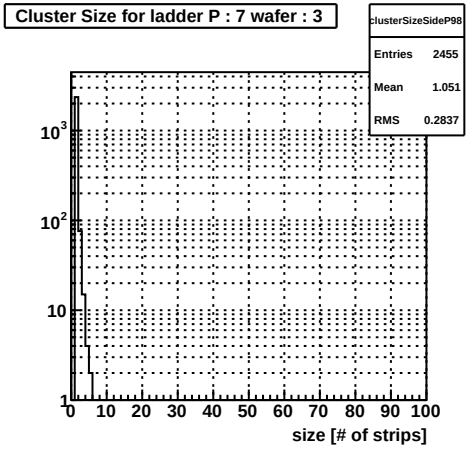

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 211
Mean 1.427
RMS 0.7716
size [# of strips]

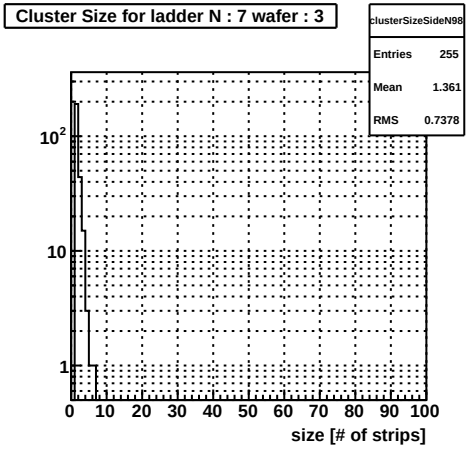

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

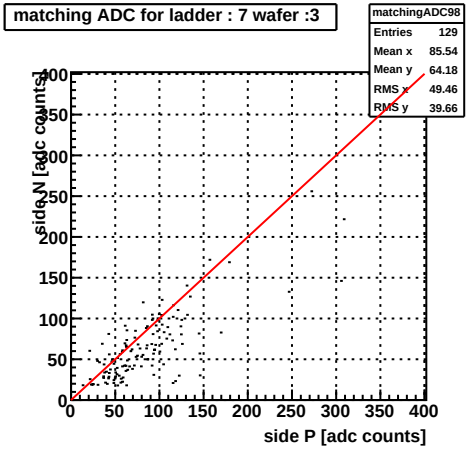

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

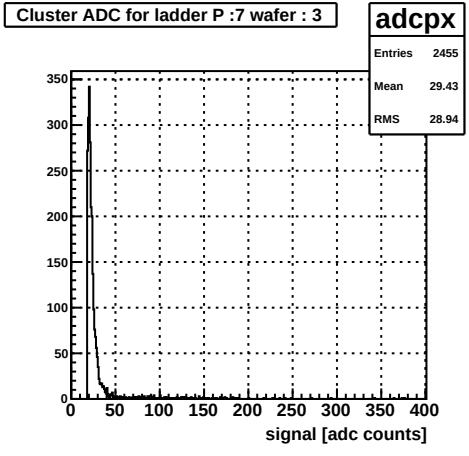

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 211
Mean 80.85
RMS 65.93
signal [adc counts]

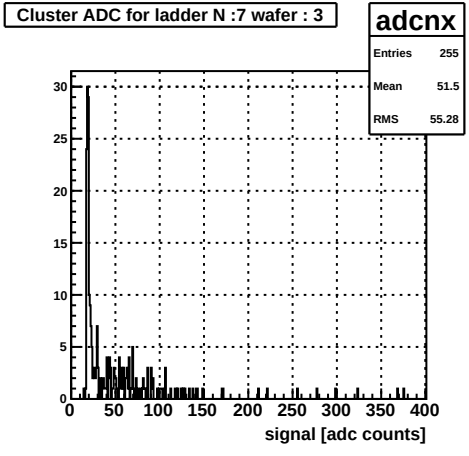

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

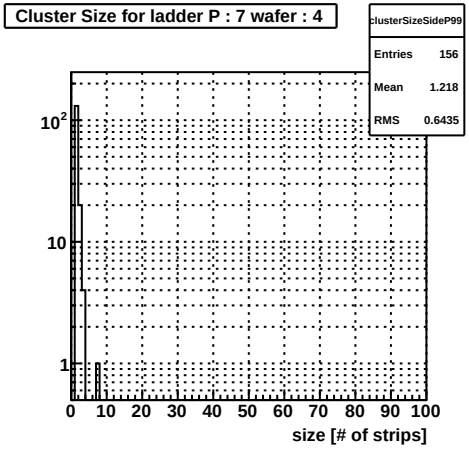

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 2455
Mean 1.051
RMS 0.2837
size [# of strips]

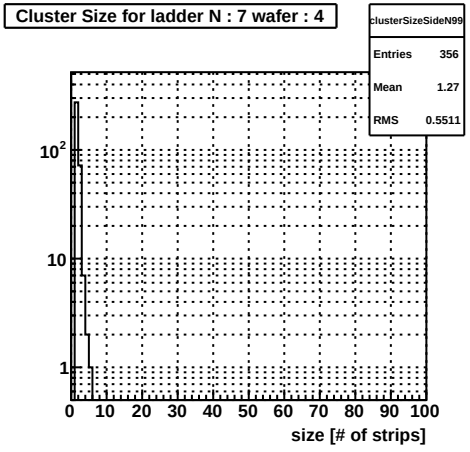

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 255
Mean 1.361
RMS 0.7378
size [# of strips]

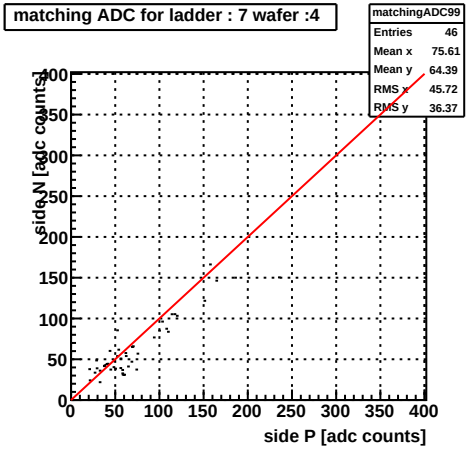

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 129
Mean x 85.54
Mean y 64.18
RMS x 49.46
RMS y 39.66
side N [adc counts]
side P [adc counts]

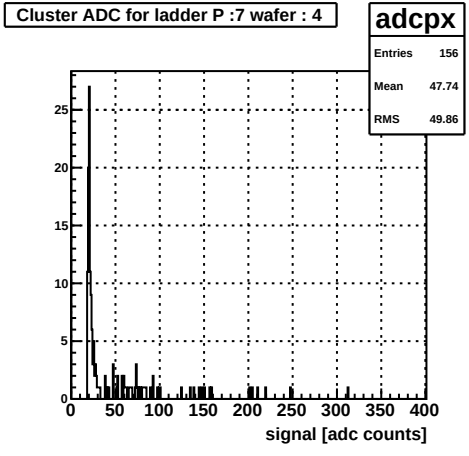

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 2455
Mean 29.43
RMS 28.94
signal [adc counts]

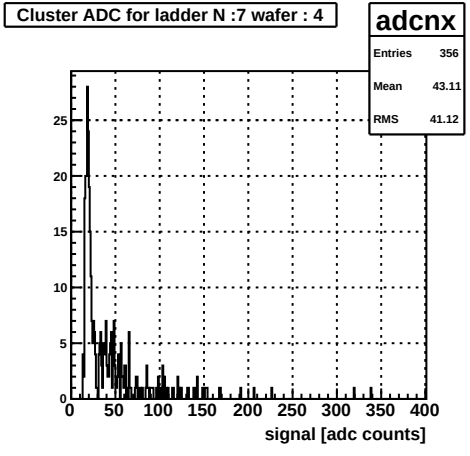

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 255
Mean 51.5
RMS 55.28
signal [adc counts]

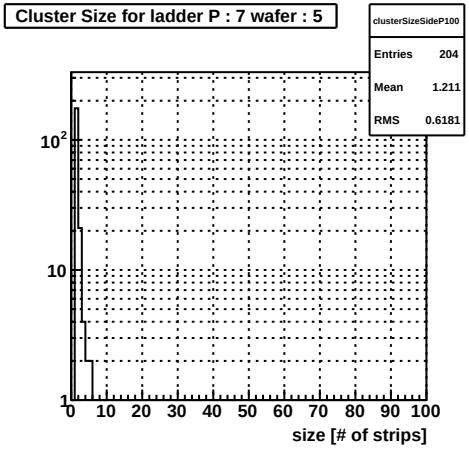

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 156
Mean 1.218
RMS 0.6435
size [# of strips]

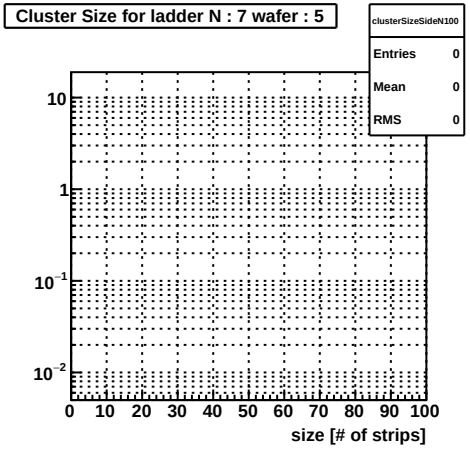

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 356
Mean 1.27
RMS 0.5511
size [# of strips]

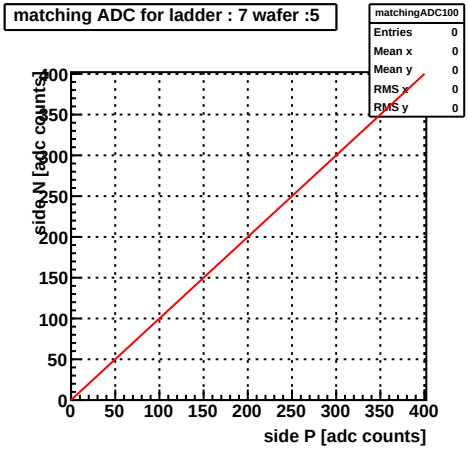

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 46
Mean x 75.61
Mean y 64.39
RMS x 45.72
RMS y 36.37
side N [adc counts]
side P [adc counts]

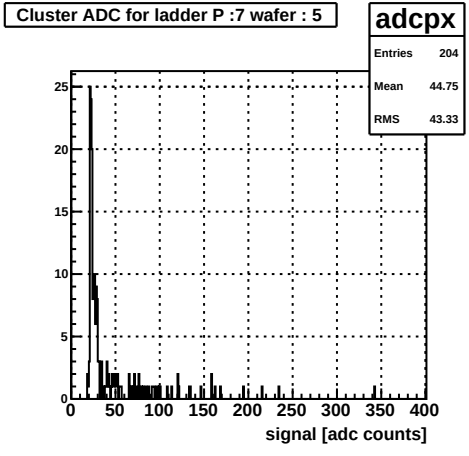

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 156
Mean 47.74
RMS 49.86
signal [adc counts]

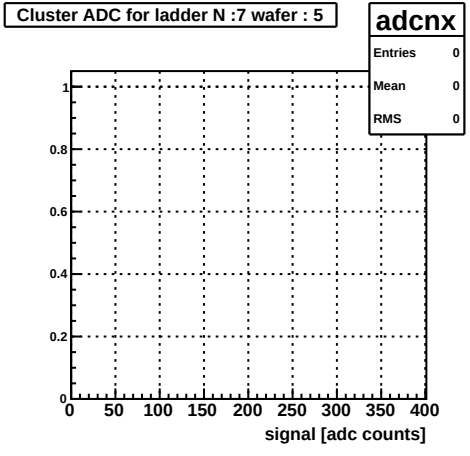

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 356
Mean 43.11
RMS 41.12
signal [adc counts]

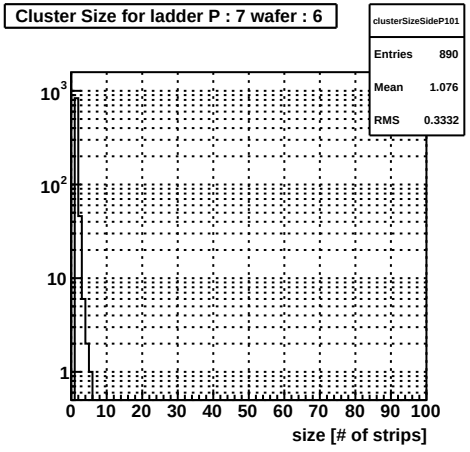

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 204
Mean 1.211
RMS 0.6181
size [# of strips]

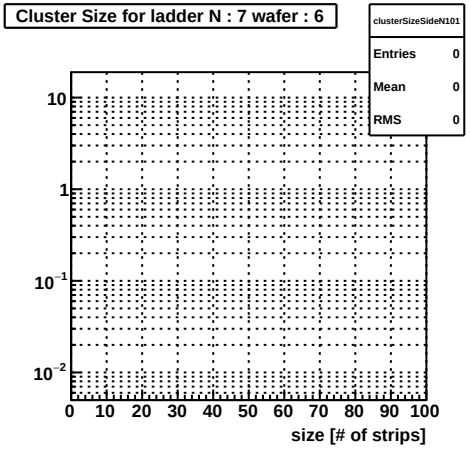

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

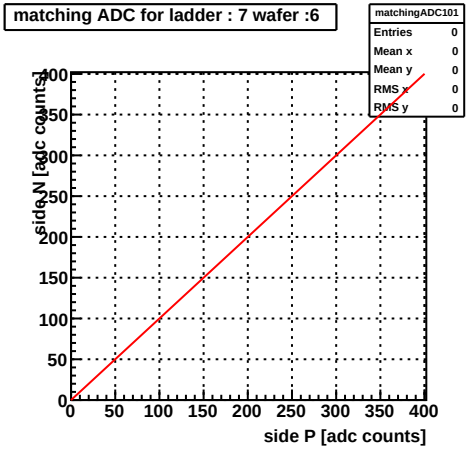

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

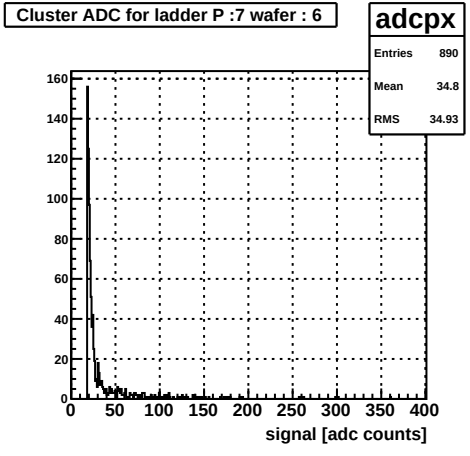

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 204
Mean 44.75
RMS 43.33
signal [adc counts]

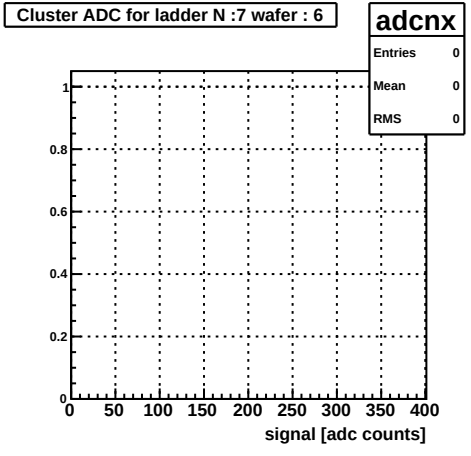

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

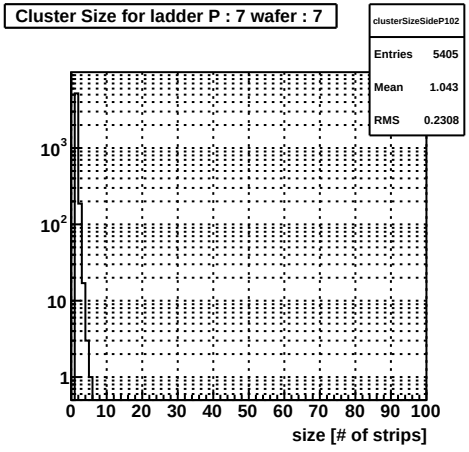

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 890
Mean 1.076
RMS 0.3332
size [# of strips]

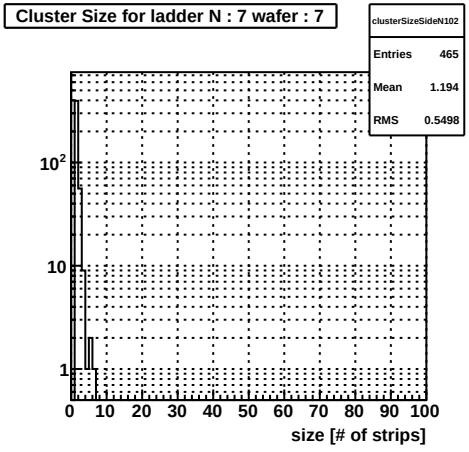

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

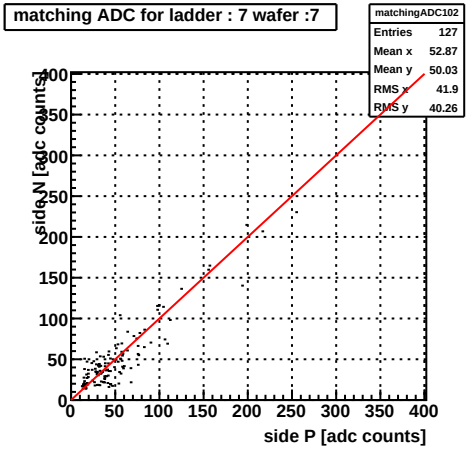

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

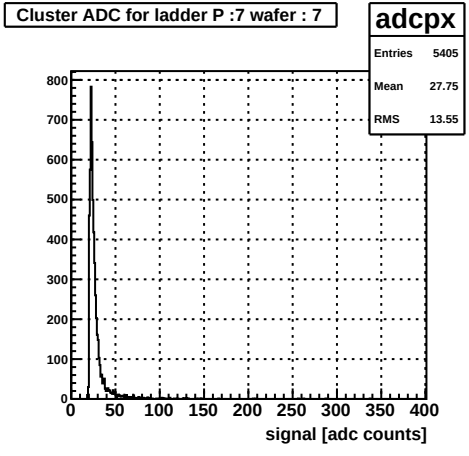

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 890
Mean 34.8
RMS 34.93
signal [adc counts]

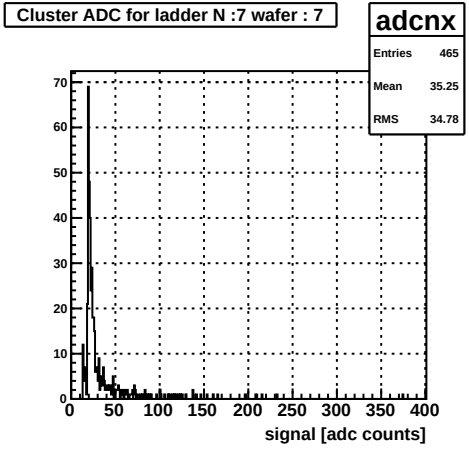

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

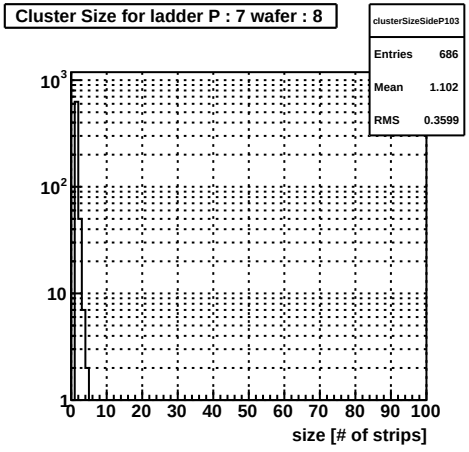

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 5405
Mean 1.043
RMS 0.2308
size [# of strips]

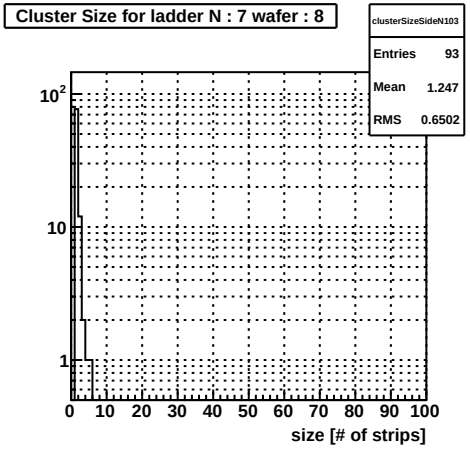

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 465
Mean 1.194
RMS 0.5498
size [# of strips]

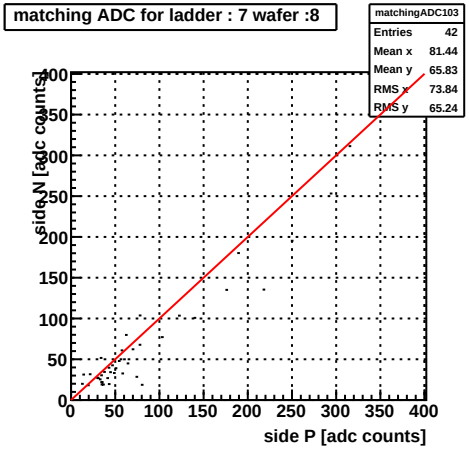

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 127
Mean x 52.87
Mean y 50.03
RMS x 41.9
RMS y 40.26
side N [adc counts]
side P [adc counts]

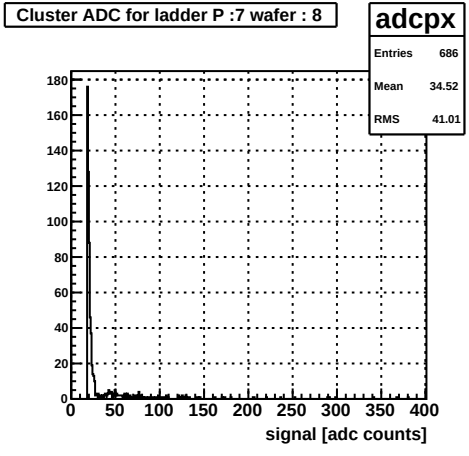

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 5405
Mean 27.75
RMS 13.55
signal [adc counts]

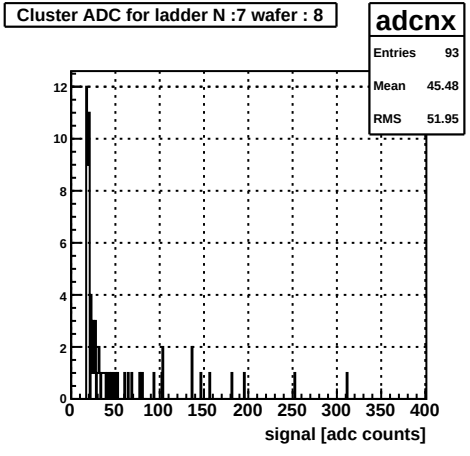

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 465
Mean 35.25
RMS 34.78
signal [adc counts]

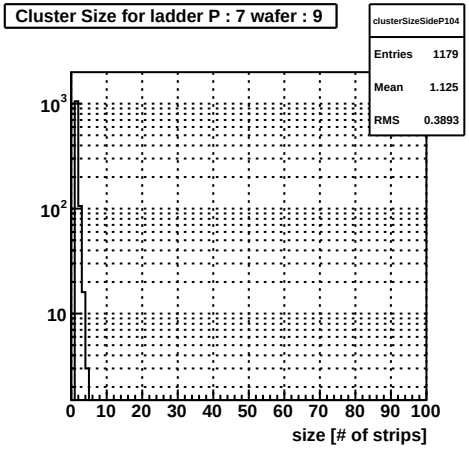

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 686
Mean 1.102
RMS 0.3599
size [# of strips]

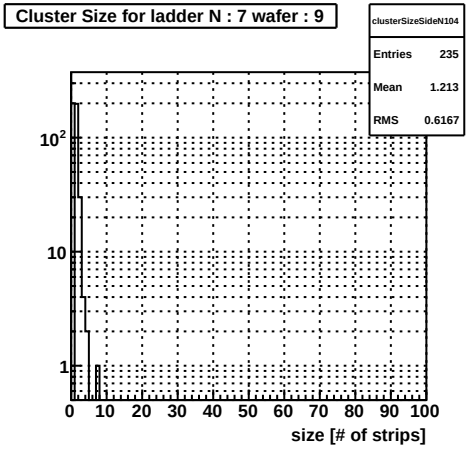

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 93
Mean 1.247
RMS 0.6502
size [# of strips]

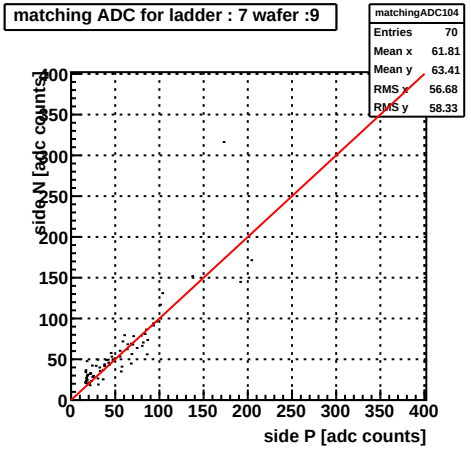

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 42
Mean x 81.44
Mean y 65.83
RMS x 73.84
RMS y 65.24
side N [adc counts]
side P [adc counts]

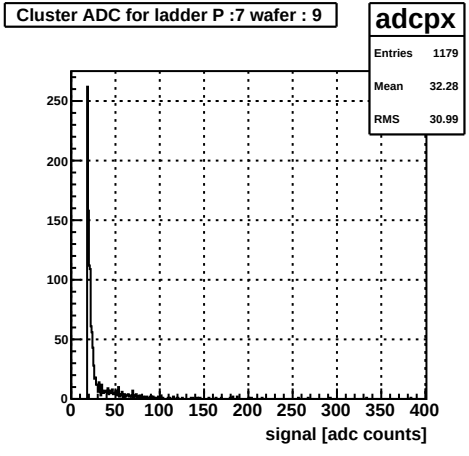

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 686
Mean 34.52
RMS 41.01
signal [adc counts]

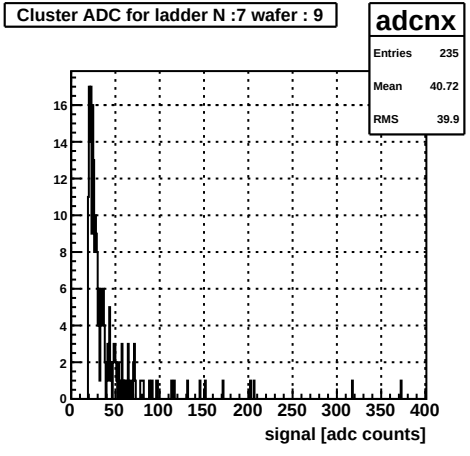

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 93
Mean 45.48
RMS 51.95
signal [adc counts]

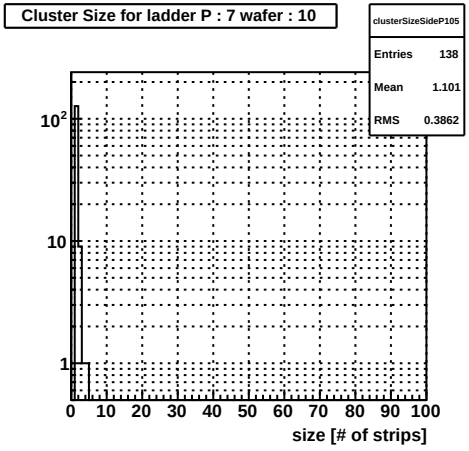

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 1179
Mean 1.125
RMS 0.3893
size [# of strips]

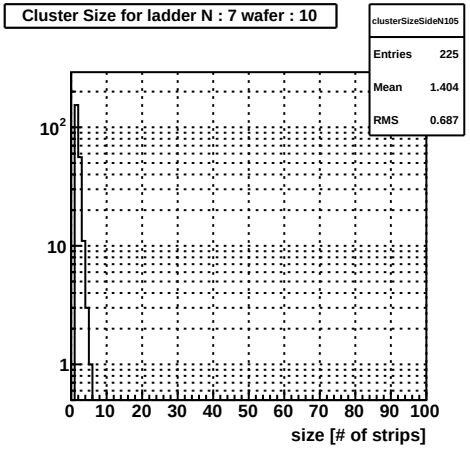

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 235
Mean 1.213
RMS 0.6167
size [# of strips]

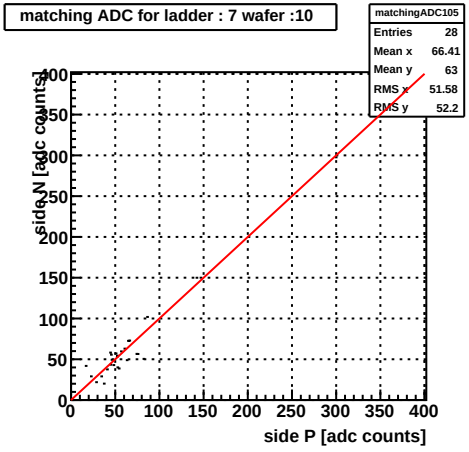

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 70
Mean x 61.81
Mean y 63.41
RMS x 56.68
RMS y 58.33
side N [adc counts]
side P [adc counts]

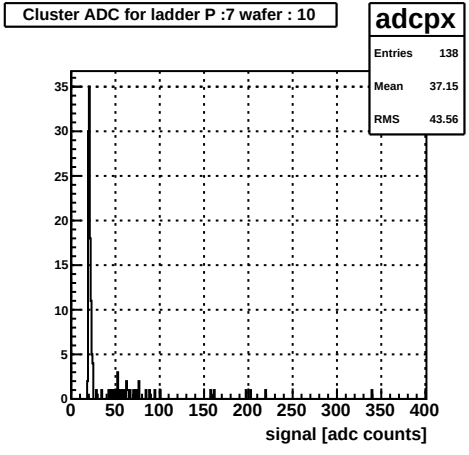

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 1179
Mean 32.28
RMS 30.99
signal [adc counts]

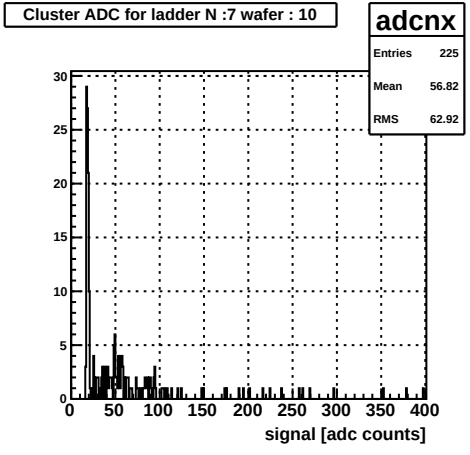

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 235
Mean 40.72
RMS 39.9
signal [adc counts]

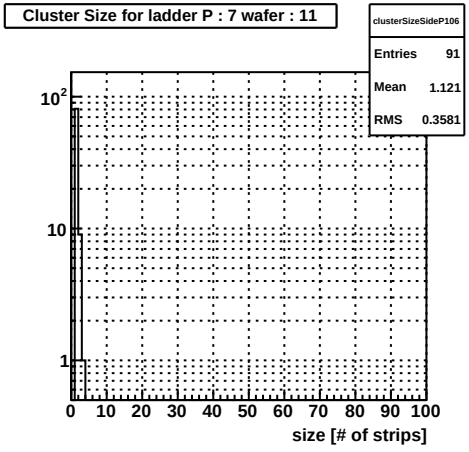

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 138
Mean 1.101
RMS 0.3862
size [# of strips]

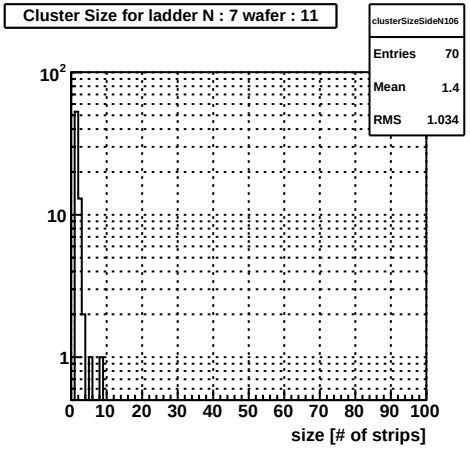

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 225
Mean 1.404
RMS 0.687
size [# of strips]

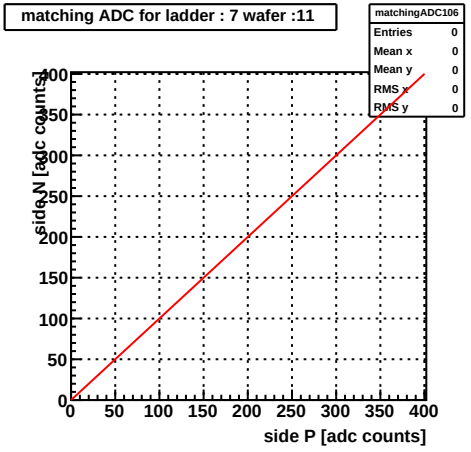

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 28
Mean x 66.41
Mean y 63
RMS x 51.58
RMS y 52.2
side N [adc counts]
side P [adc counts]

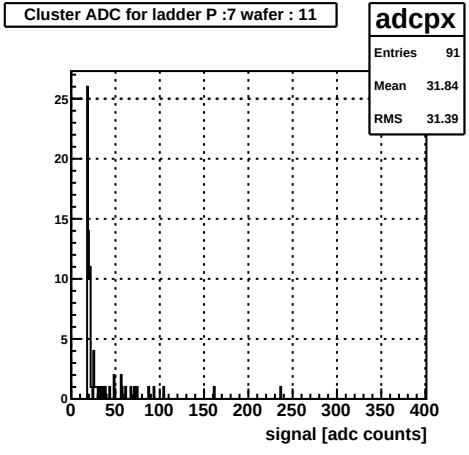

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 138
Mean 37.15
RMS 43.56
signal [adc counts]

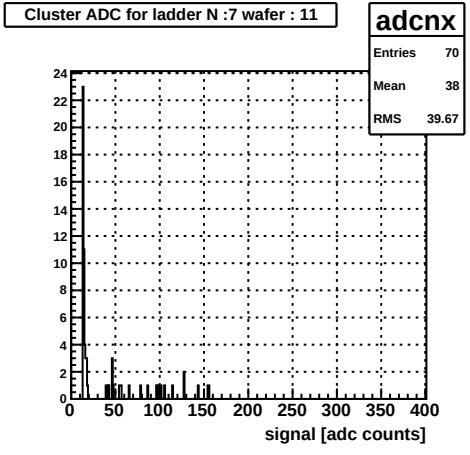

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 225
Mean 56.82
RMS 62.92
signal [adc counts]

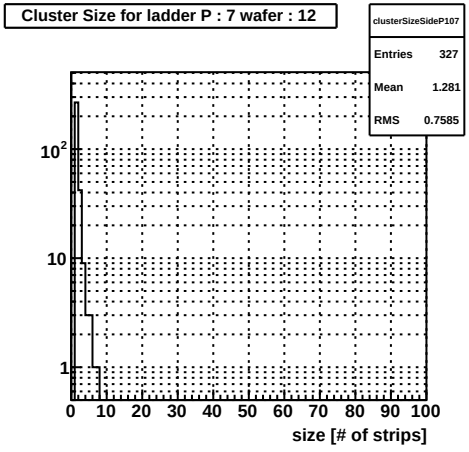

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 91
Mean 1.121
RMS 0.3581
size [# of strips]

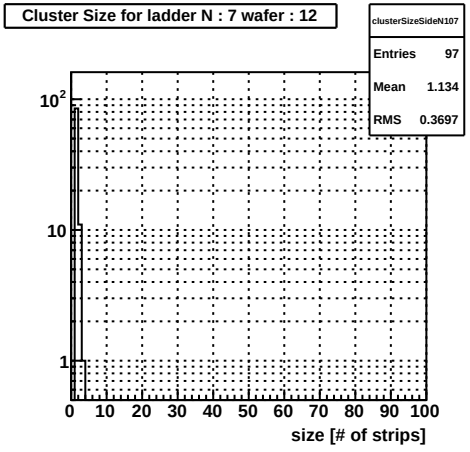

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 70
Mean 1.4
RMS 1.034
size [# of strips]

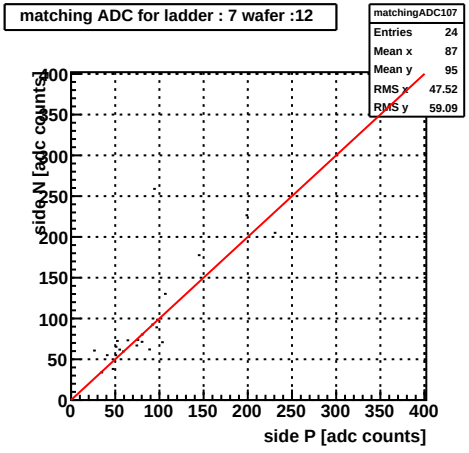

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

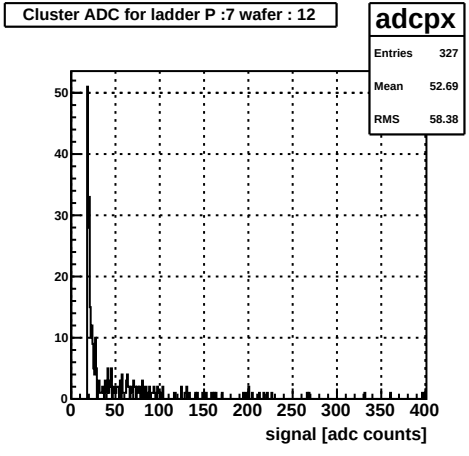

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 91
Mean 31.84
RMS 31.39
signal [adc counts]

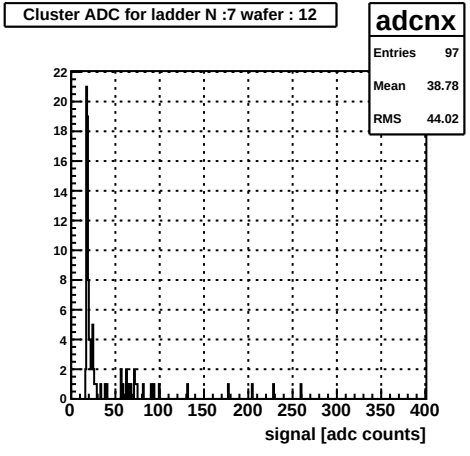

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 70
Mean 38
RMS 39.67
signal [adc counts]

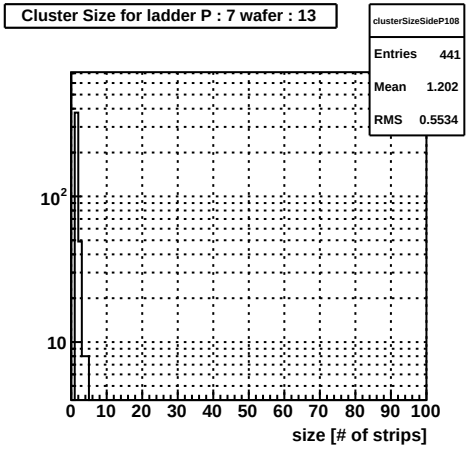

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 327
Mean 1.281
RMS 0.7585
size [# of strips]

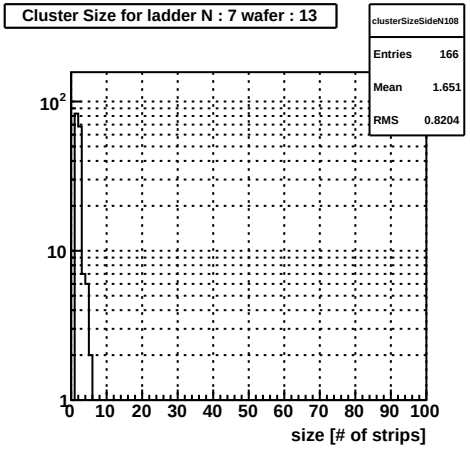

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 97
Mean 1.134
RMS 0.3697
size [# of strips]

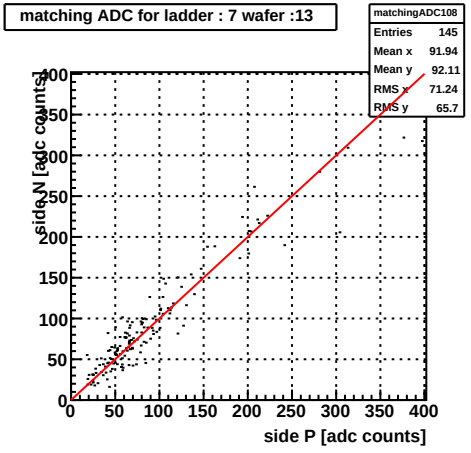

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 24
Mean x 87
Mean y 95
RMS x 47.52
RMS y 59.09
side N [adc counts]
side P [adc counts]

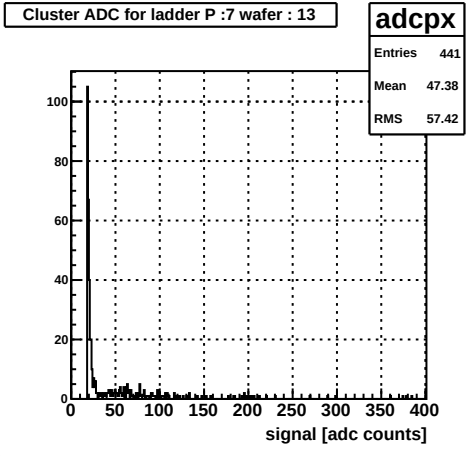

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 327
Mean 52.69
RMS 58.38
signal [adc counts]

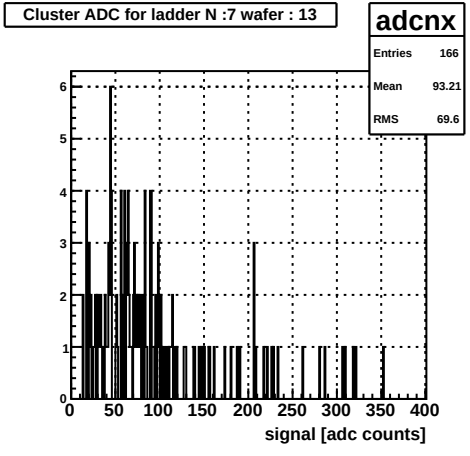

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 97
Mean 38.78
RMS 44.02
signal [adc counts]

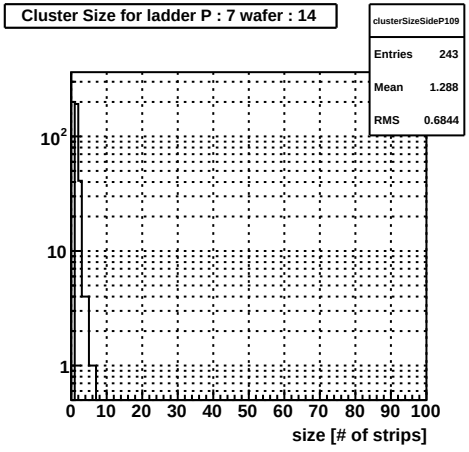

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 441
Mean 1.202
RMS 0.5534
size [# of strips]

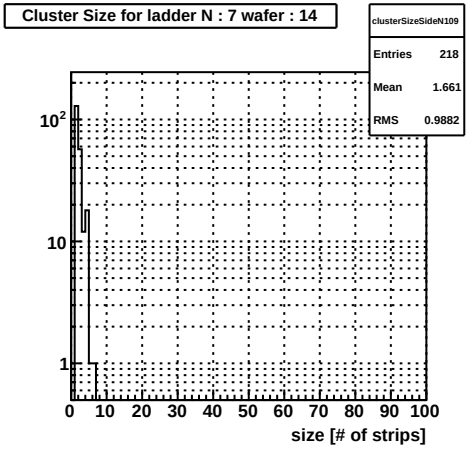

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 166
Mean 1.651
RMS 0.8204
size [# of strips]

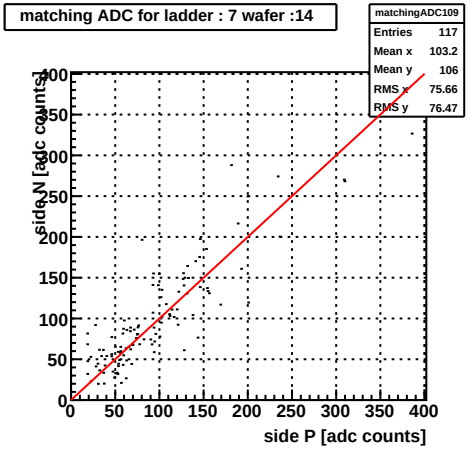

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 145
Mean x 91.94
Mean y 92.11
RMS x 71.24
RMS y 65.7
side N [adc counts]
side P [adc counts]

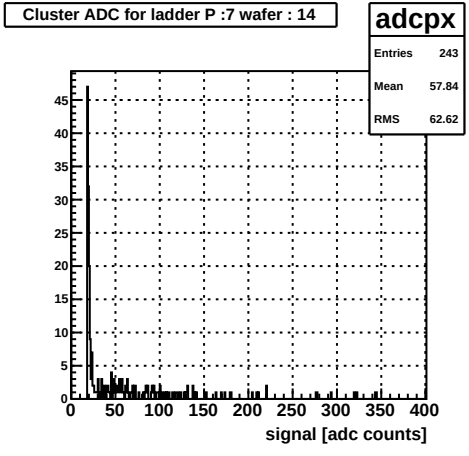

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 441
Mean 47.38
RMS 57.42
signal [adc counts]

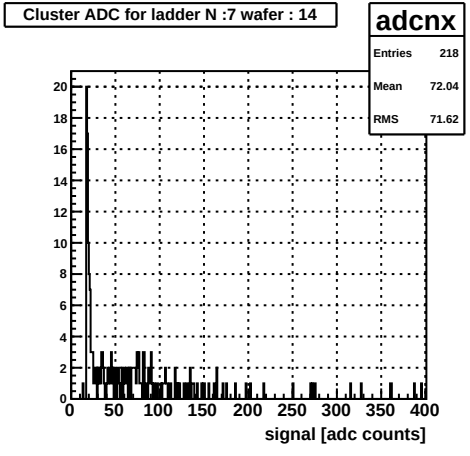

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 166
Mean 93.21
RMS 69.6
signal [adc counts]

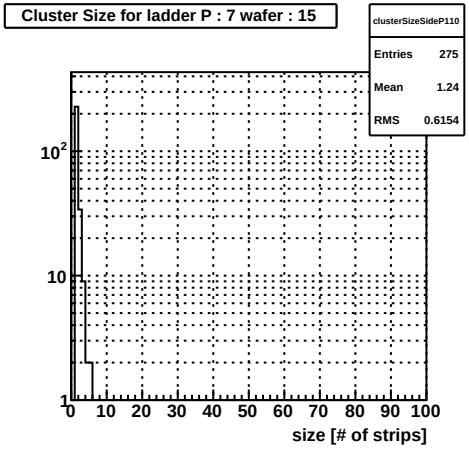

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 243
Mean 1.288
RMS 0.6844
size [# of strips]

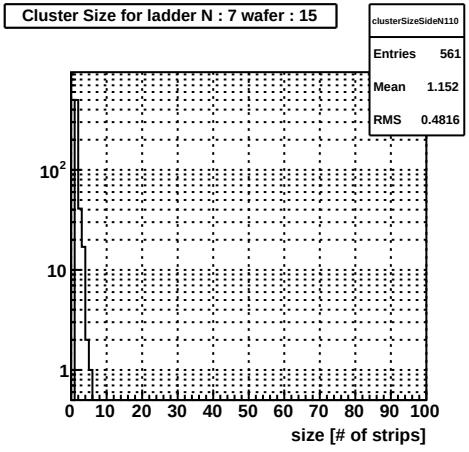

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 218
Mean 1.661
RMS 0.9882
size [# of strips]

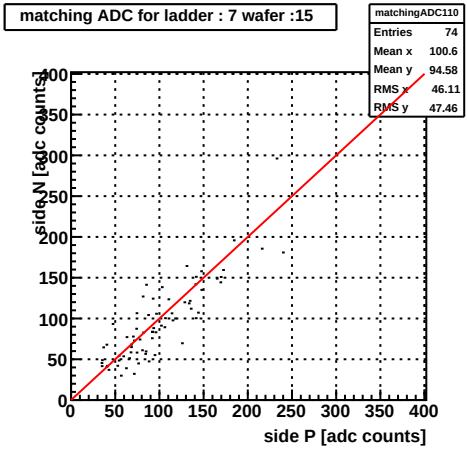

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 117
Mean x 103.2
Mean y 106
RMS x 75.66
RMS y 76.47
side N [adc counts]
side P [adc counts]

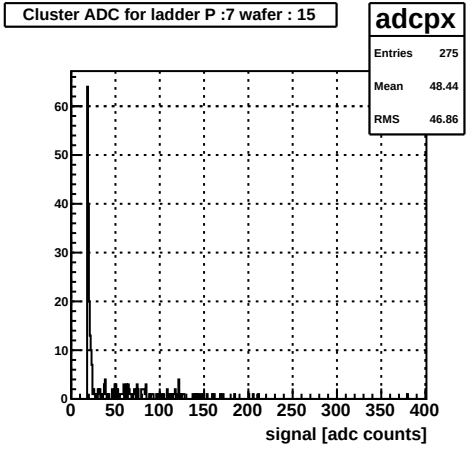

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 243
Mean 57.84
RMS 62.62
signal [adc counts]

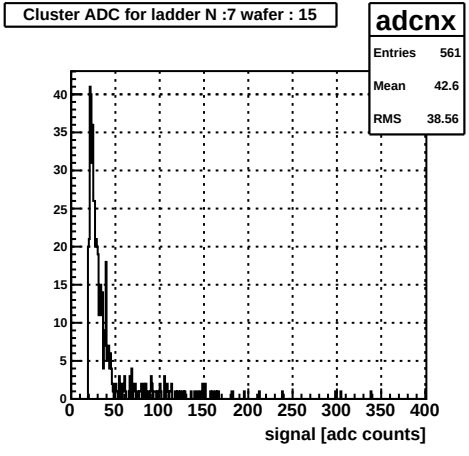

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 218
Mean 72.04
RMS 71.62
signal [adc counts]

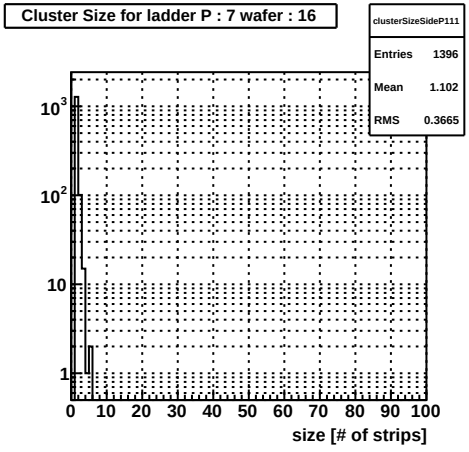

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 275
Mean 1.24
RMS 0.6154
size [# of strips]

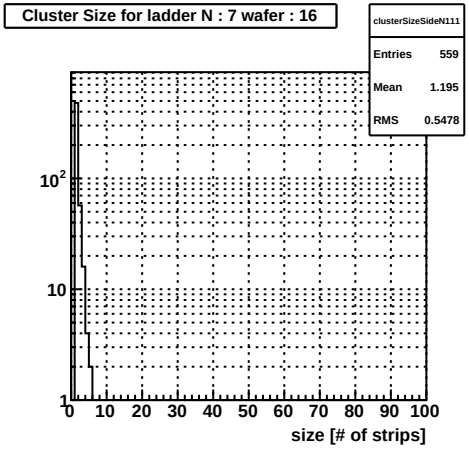

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 561
Mean 1.152
RMS 0.4816
size [# of strips]

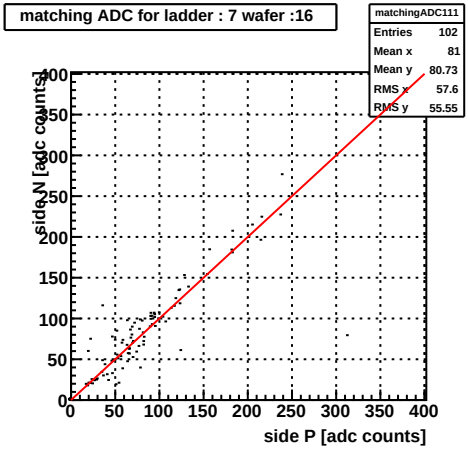

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 74
Mean x 100.6
Mean y 94.58
RMS x 46.11
RMS y 47.46
side N [adc counts]
side P [adc counts]

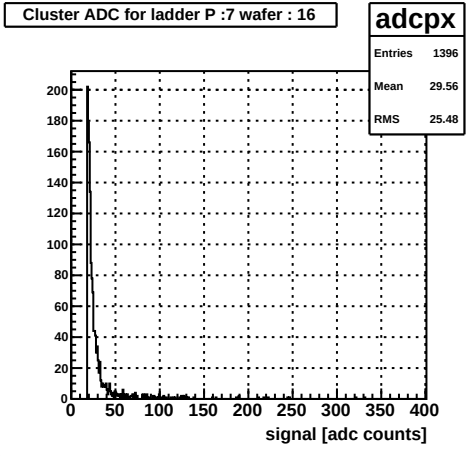

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 275
Mean 48.44
RMS 46.86
signal [adc counts]

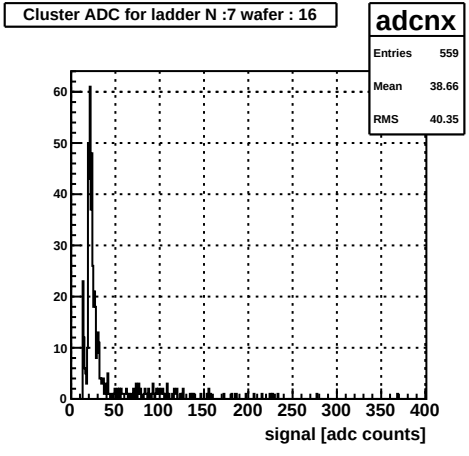

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 561
Mean 42.6
RMS 38.56
signal [adc counts]

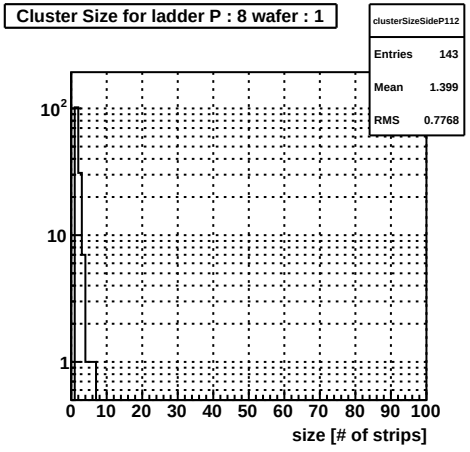

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 1396
Mean 1.102
RMS 0.3665
size [# of strips]

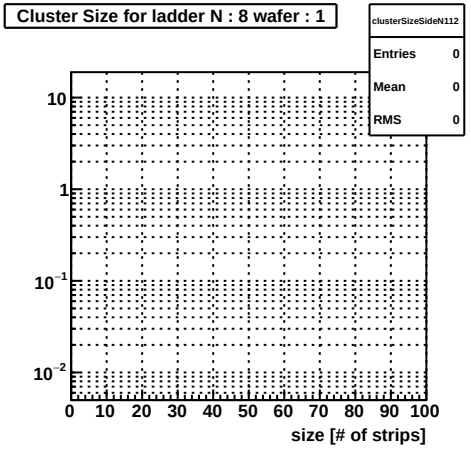

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 559
Mean 1.195
RMS 0.5478
size [# of strips]

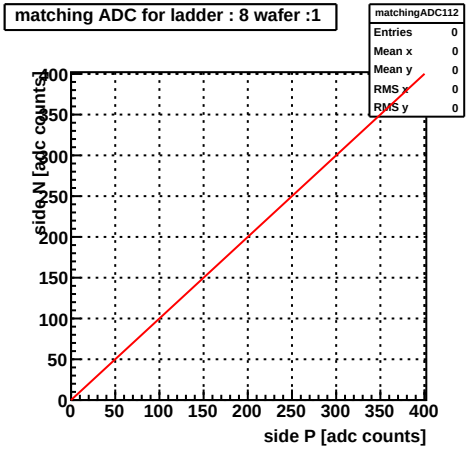

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 102
Mean x 81
Mean y 80.73
RMS x 57.6
RMS y 55.55
side N [adc counts]
side P [adc counts]

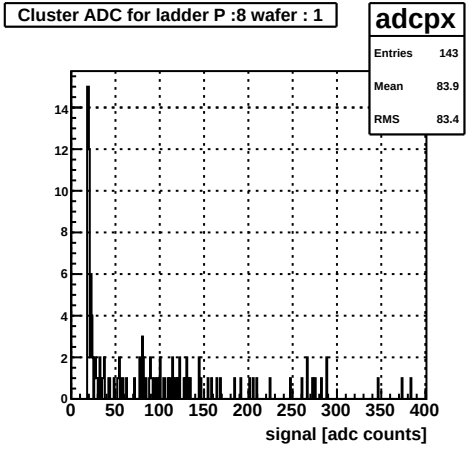

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 1396
Mean 29.56
RMS 25.48
signal [adc counts]

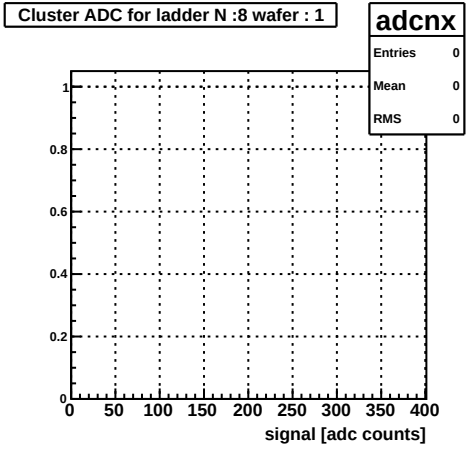

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 559
Mean 38.66
RMS 40.35
signal [adc counts]

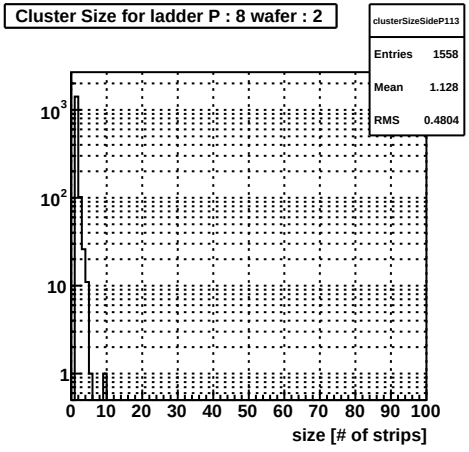

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 143
Mean 1.399
RMS 0.7768
size [# of strips]

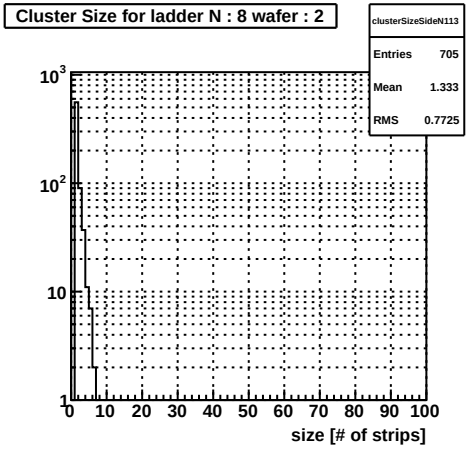

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

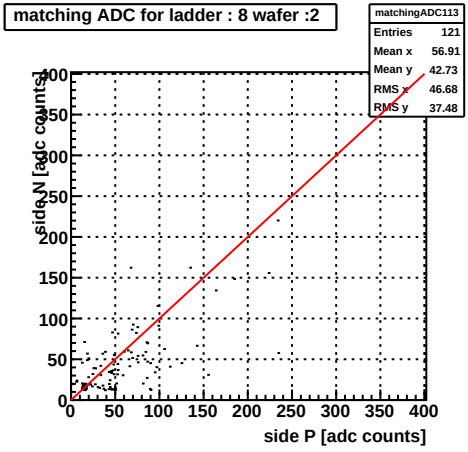

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

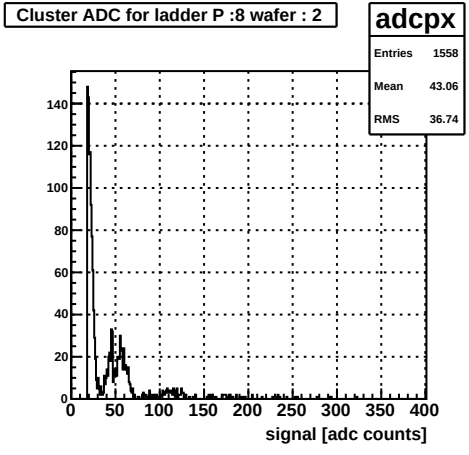

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 143
Mean 83.9
RMS 83.4
signal [adc counts]

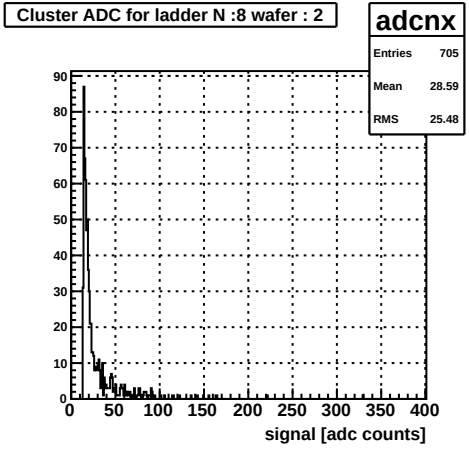

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

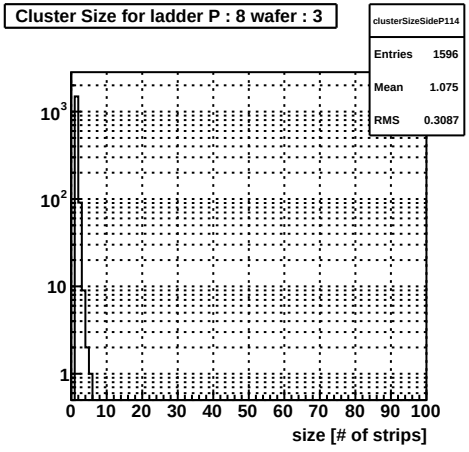

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 1558
Mean 1.128
RMS 0.4804
size [# of strips]

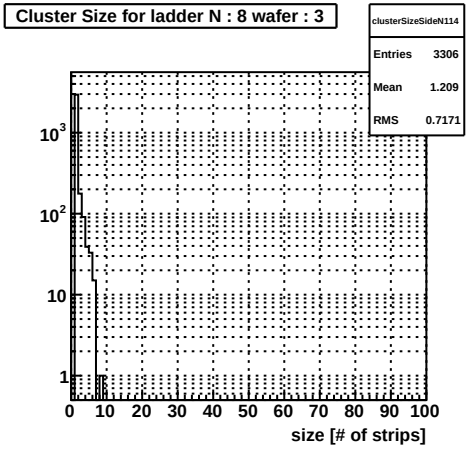

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 705
Mean 1.333
RMS 0.7725
size [# of strips]

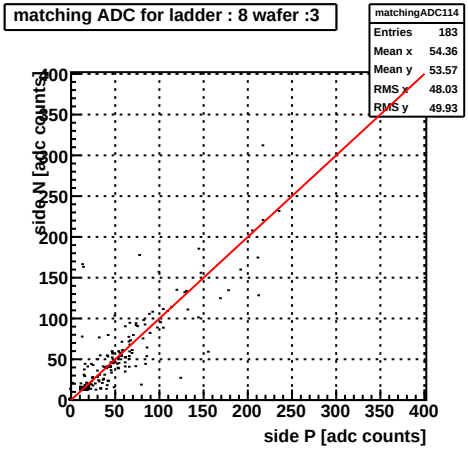

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 121
Mean x 56.91
Mean y 42.73
RMS x 46.68
RMS y 37.48
side N [adc counts]
side P [adc counts]

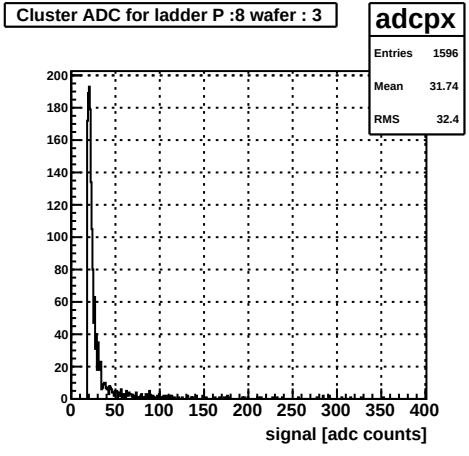

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 1558
Mean 43.06
RMS 36.74
signal [adc counts]

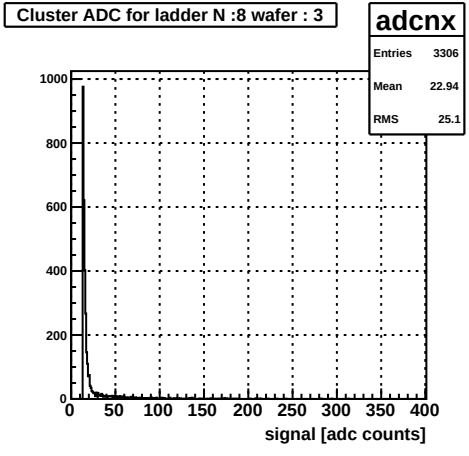

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 705
Mean 28.59
RMS 25.48
signal [adc counts]

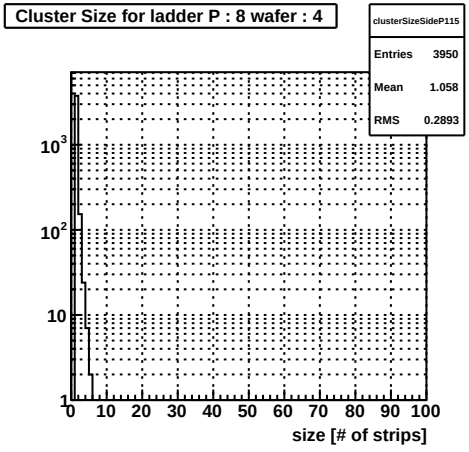

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 1596
Mean 1.075
RMS 0.3087
size [# of strips]

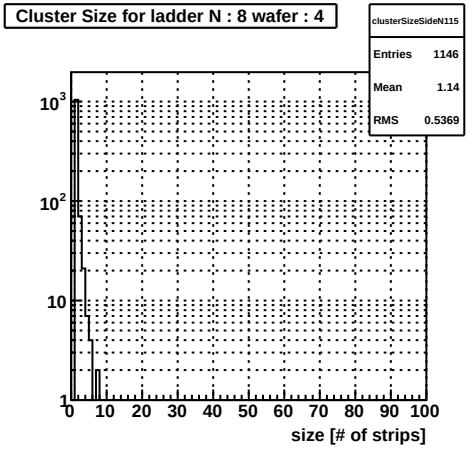

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 3306
Mean 1.209
RMS 0.7171
size [# of strips]

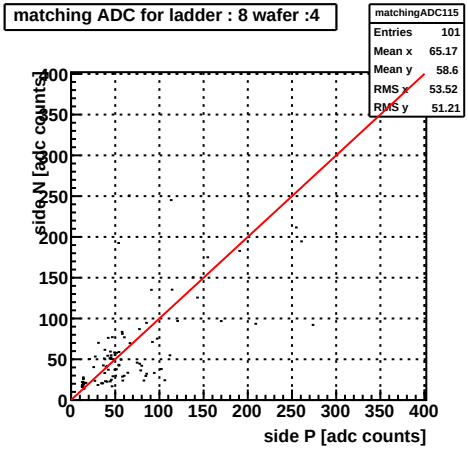

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 183
Mean x 54.36
Mean y 53.57
RMS x 48.03
RMS y 49.93
side N [adc counts]
side P [adc counts]

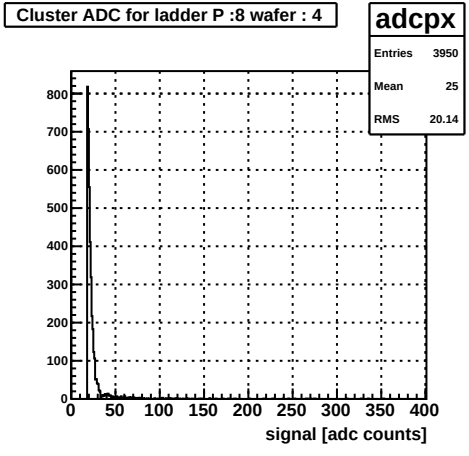

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 1596
Mean 31.74
RMS 32.4
signal [adc counts]

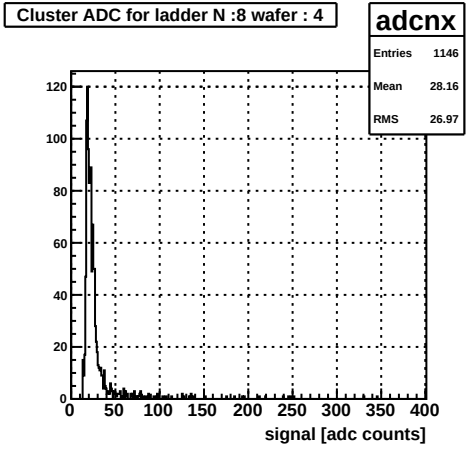

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 3306
Mean 22.94
RMS 25.1
signal [adc counts]

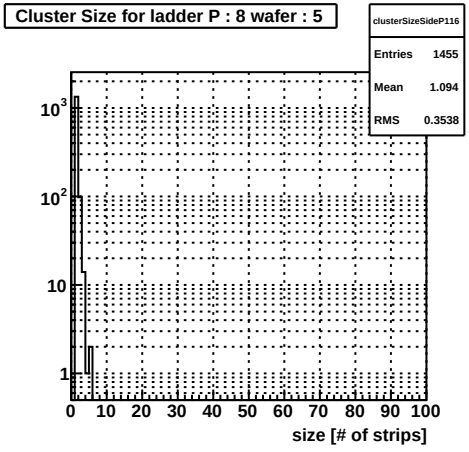

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 3950
Mean 1.058
RMS 0.2893
size [# of strips]

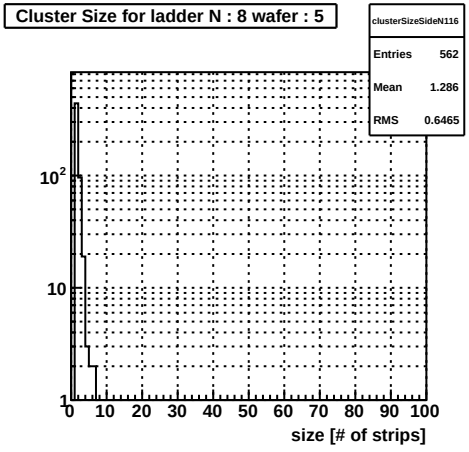

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 1146
Mean 1.14
RMS 0.5369
size [# of strips]

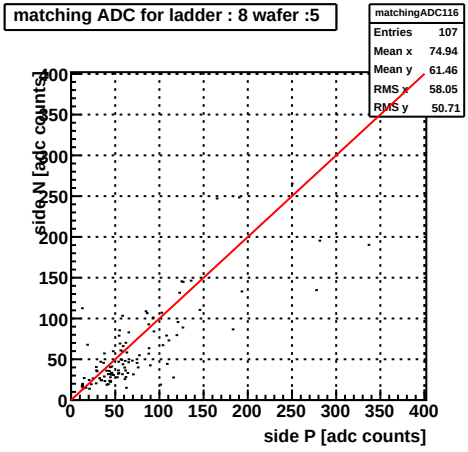

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 101
Mean x 65.17
Mean y 58.6
RMS x 53.52
RMS y 51.21
side N [adc counts]
side P [adc counts]

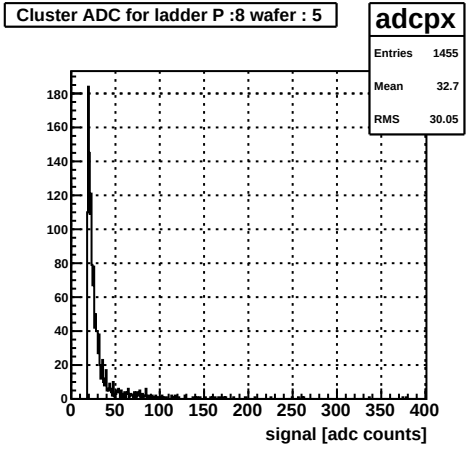

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 3950
Mean 25
RMS 20.14
signal [adc counts]

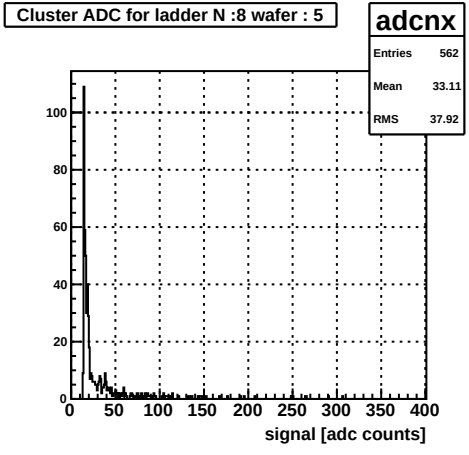

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 1146
Mean 28.16
RMS 26.97
signal [adc counts]

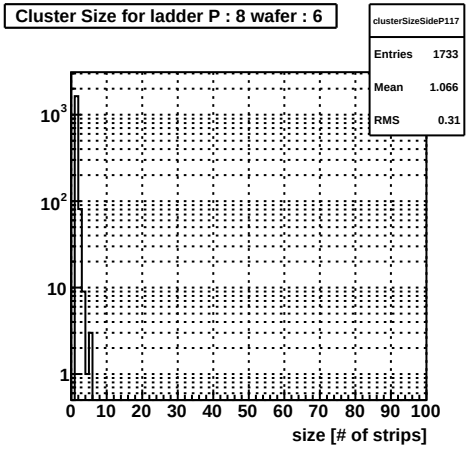

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 1455
Mean 1.094
RMS 0.3538
size [# of strips]

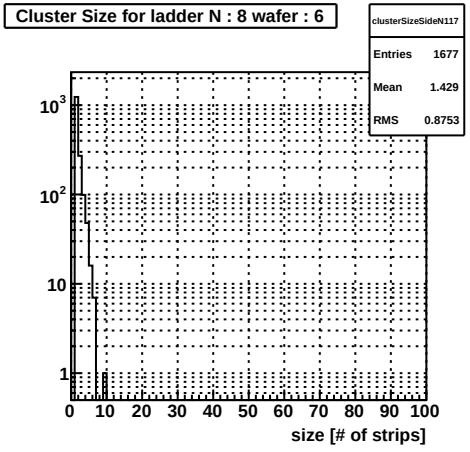

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 562
Mean 1.286
RMS 0.6465
size [# of strips]

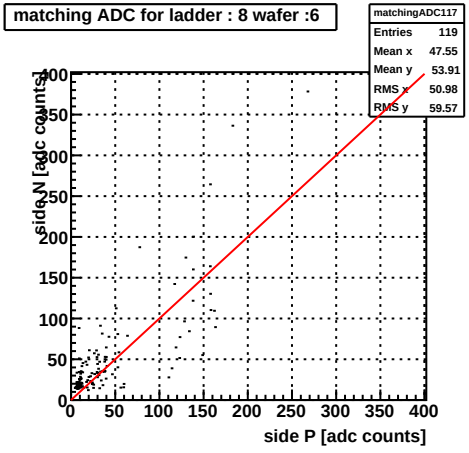

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 107
Mean x 74.94
Mean y 61.46
RMS x 58.05
RMS y 50.71
side N [adc counts]
side P [adc counts]

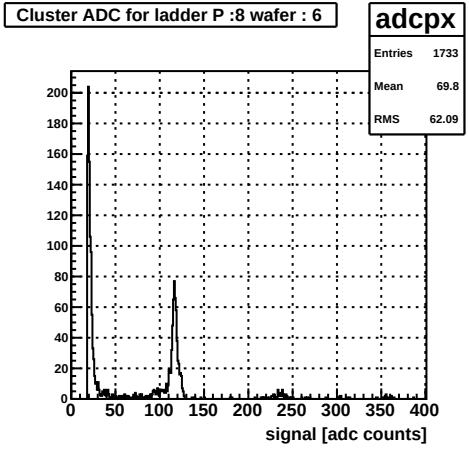

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 1455
Mean 32.7
RMS 30.05
signal [adc counts]

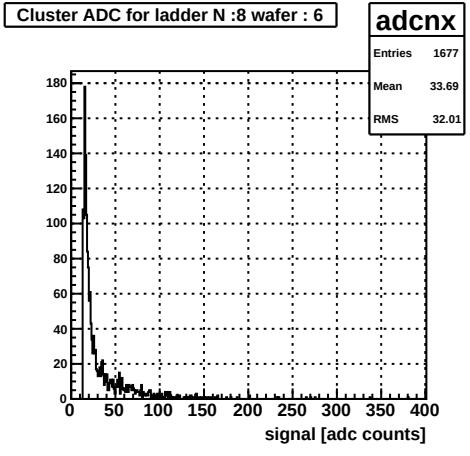

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 562
Mean 33.11
RMS 37.92
signal [adc counts]

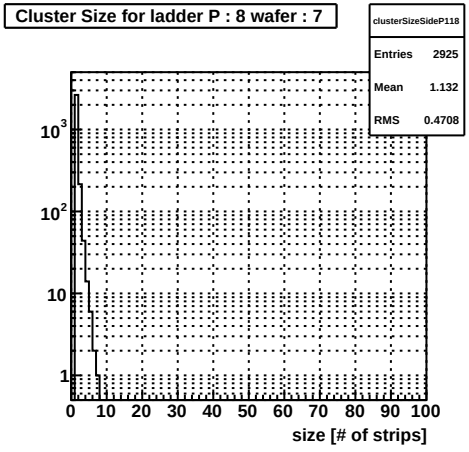

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 1733
Mean 1.066
RMS 0.31
size [# of strips]

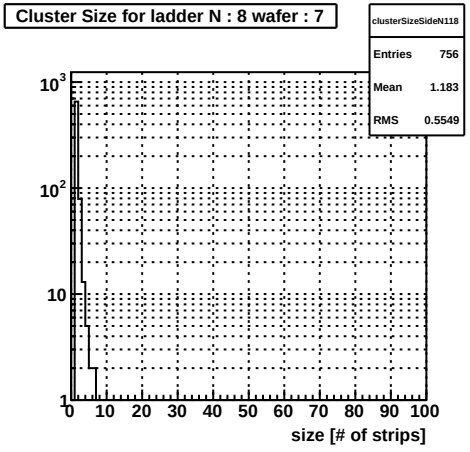

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 1677
Mean 1.429
RMS 0.8753
size [# of strips]

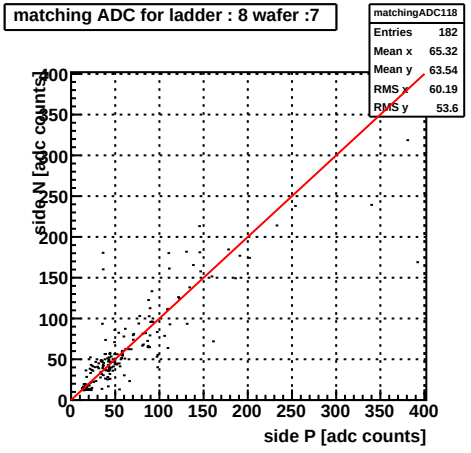

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 119
Mean x 47.55
Mean y 53.91
RMS x 50.98
RMS y 59.57
side N [adc counts]
side P [adc counts]

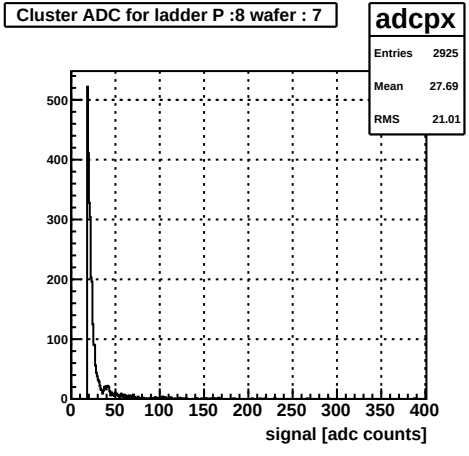

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 1733
Mean 69.8
RMS 62.09
signal [adc counts]

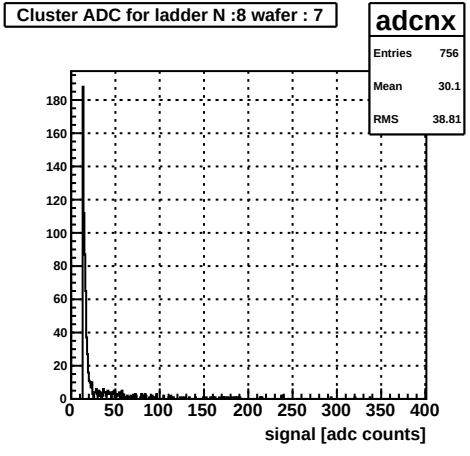

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 1677
Mean 33.69
RMS 32.01
signal [adc counts]

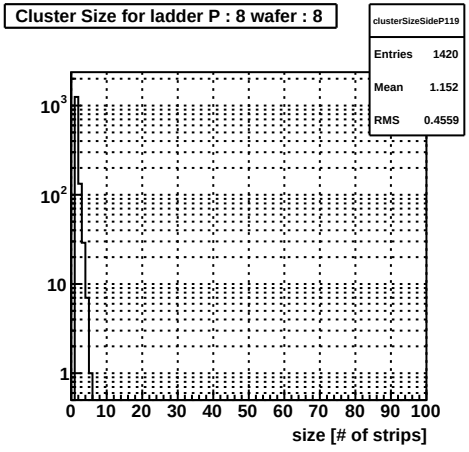

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 2925
Mean 1.132
RMS 0.4708
size [# of strips]

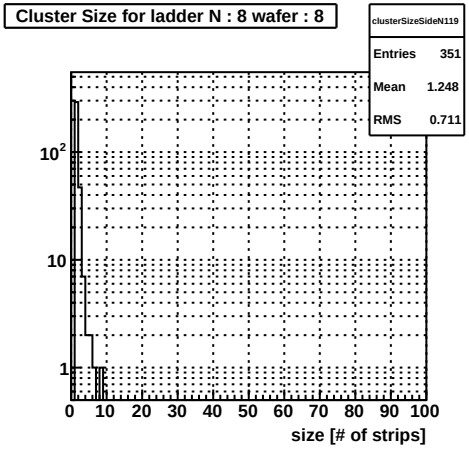

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 756
Mean 1.183
RMS 0.5549
size [# of strips]

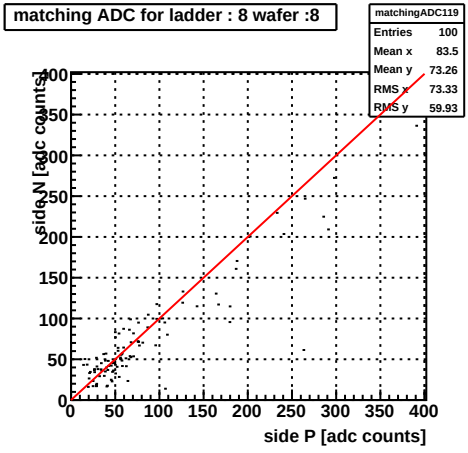

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 182
Mean x 65.32
Mean y 63.54
RMS x 60.19
RMS y 53.6
side N [adc counts]
side P [adc counts]

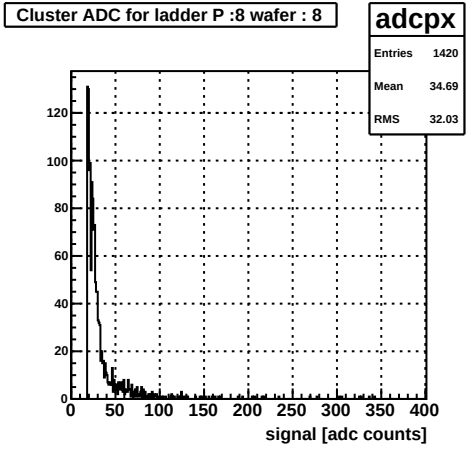

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 2925
Mean 27.69
RMS 21.01
signal [adc counts]

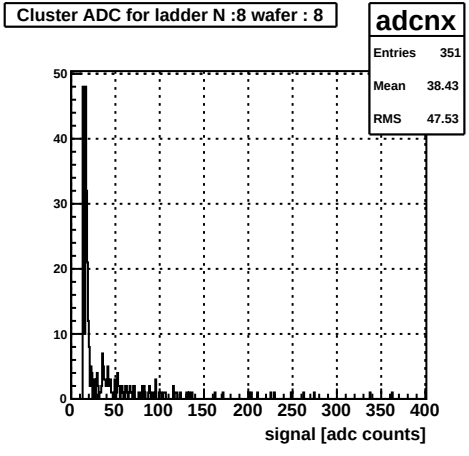

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 756
Mean 30.1
RMS 38.81
signal [adc counts]

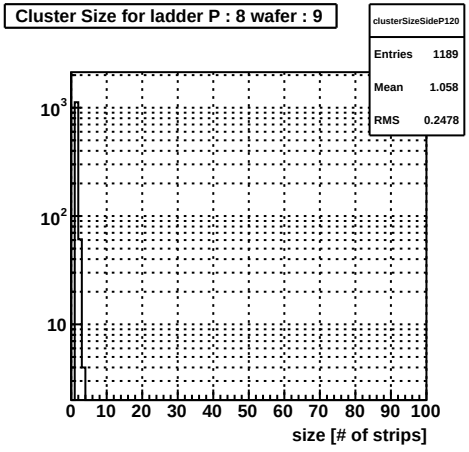

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 1420
Mean 1.152
RMS 0.4559
size [# of strips]

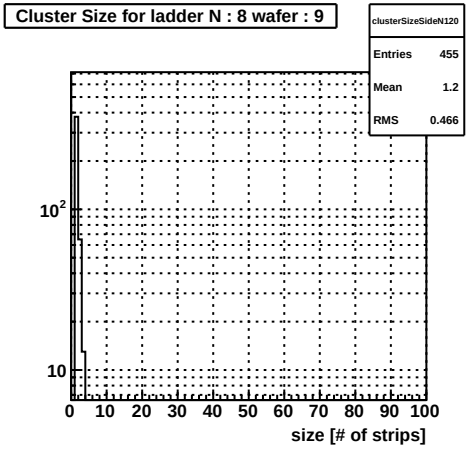

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 351
Mean 1.248
RMS 0.711
size [# of strips]

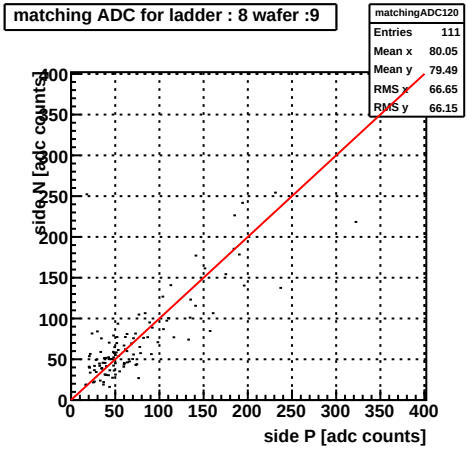

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 100
Mean x 83.5
Mean y 73.26
RMS x 73.33
RMS y 59.93
side N [adc counts]
side P [adc counts]

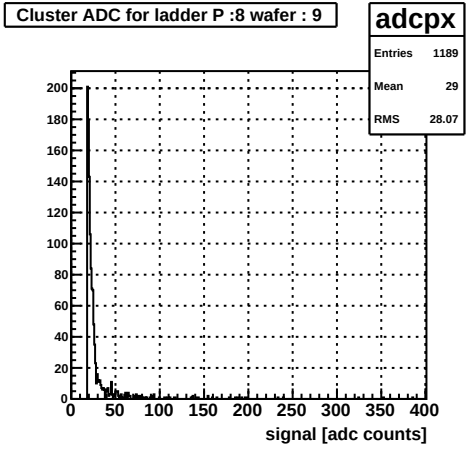

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 1420
Mean 34.69
RMS 32.03
signal [adc counts]

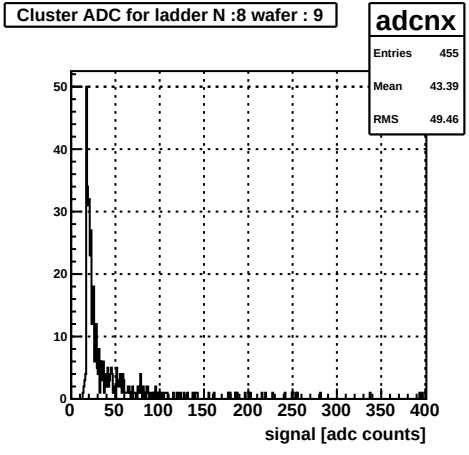

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 351
Mean 38.43
RMS 47.53
signal [adc counts]

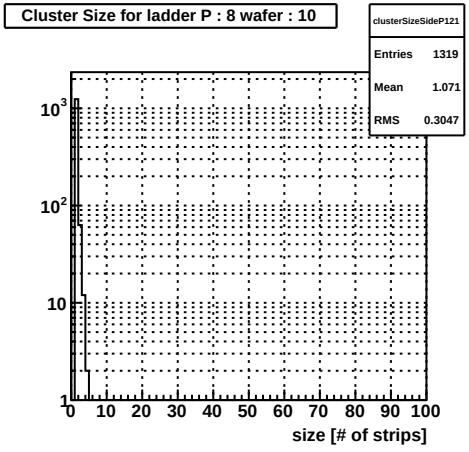

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 1189
Mean 1.058
RMS 0.2478
size [# of strips]

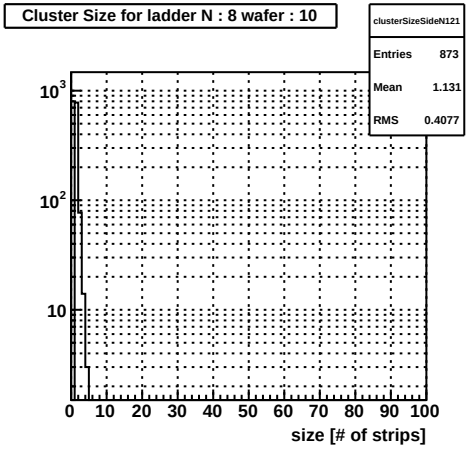

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 455
Mean 1.2
RMS 0.466
size [# of strips]

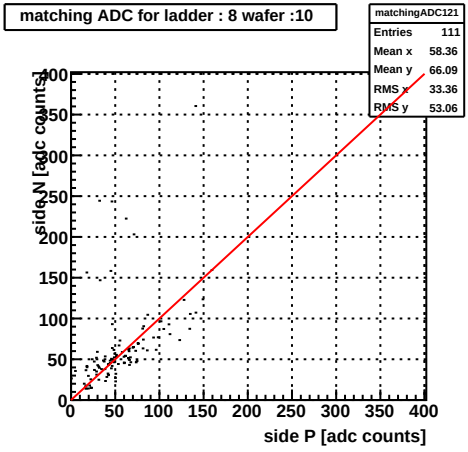

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 111
Mean x 80.05
Mean y 79.49
RMS x 66.65
RMS y 66.15
side N [adc counts]
side P [adc counts]

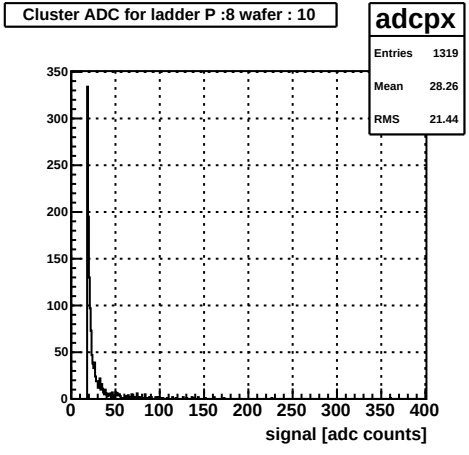

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 1189
Mean 29
RMS 28.07
signal [adc counts]

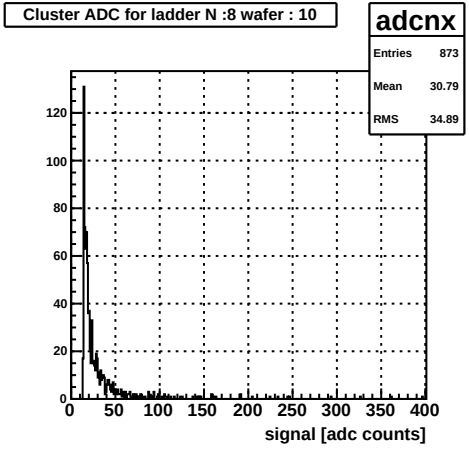

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 455
Mean 43.39
RMS 49.46
signal [adc counts]

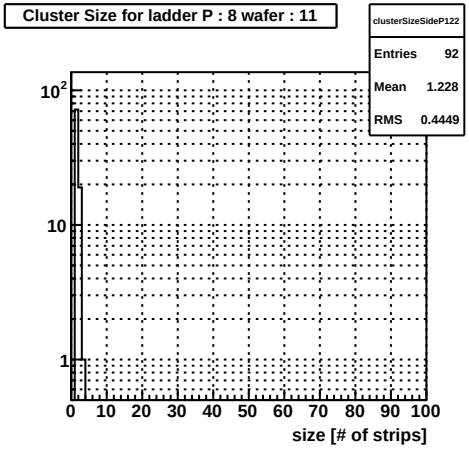

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 1319
Mean 1.071
RMS 0.3047
size [# of strips]

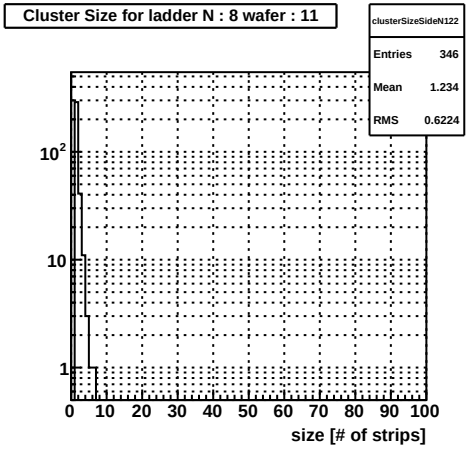

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 873
Mean 1.131
RMS 0.4077
size [# of strips]

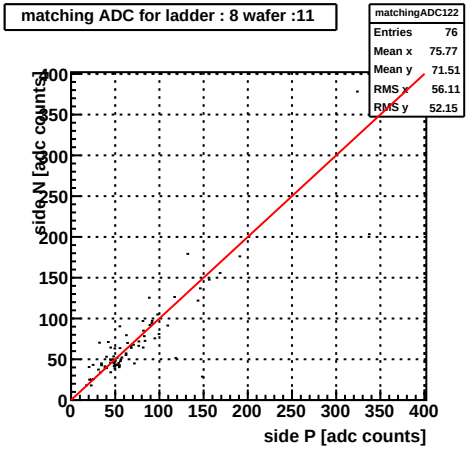

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 111
Mean x 58.36
Mean y 66.09
RMS x 33.36
RMS y 53.06
side N [adc counts]
side P [adc counts]

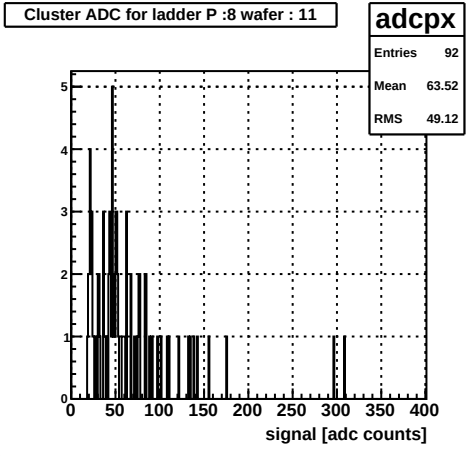

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 1319
Mean 28.26
RMS 21.44
signal [adc counts]

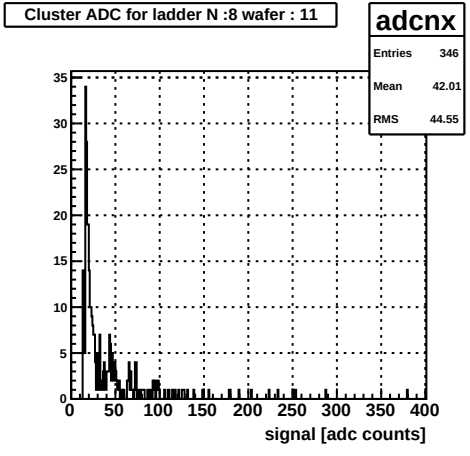

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 873
Mean 30.79
RMS 34.89
signal [adc counts]

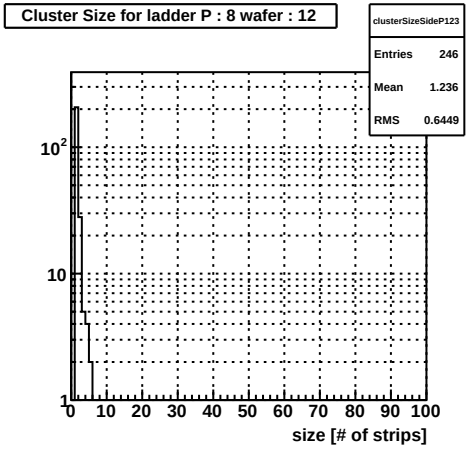

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 92
Mean 1.228
RMS 0.4449
size [# of strips]

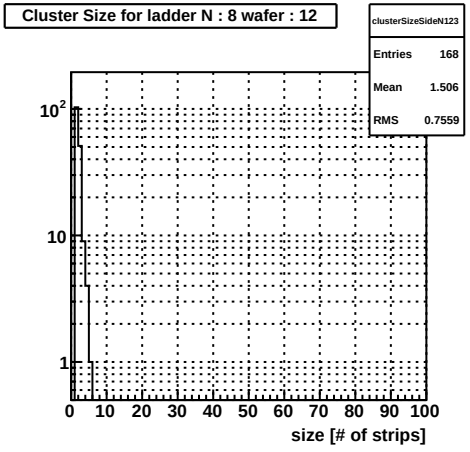

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 346
Mean 1.234
RMS 0.6224
size [# of strips]

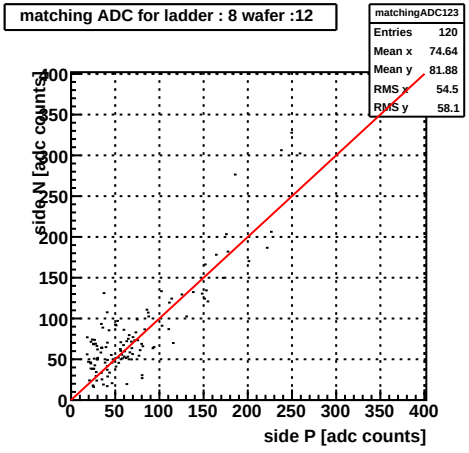

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 76
Mean x 75.77
Mean y 71.51
RMS x 56.11
RMS y 52.15
side N [adc counts]
side P [adc counts]

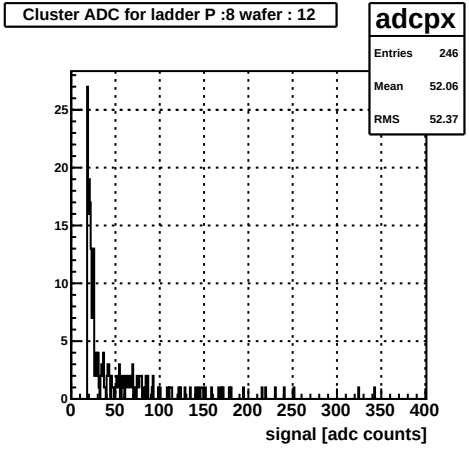

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 92
Mean 63.52
RMS 49.12
signal [adc counts]

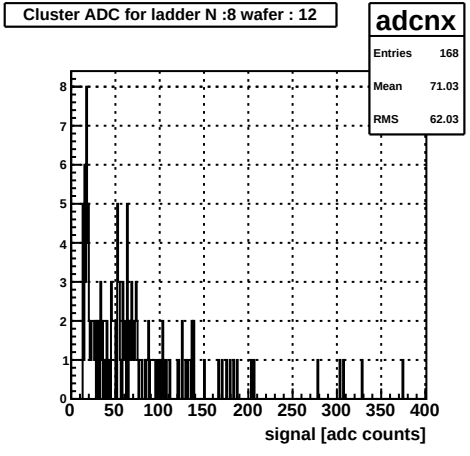

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 346
Mean 42.01
RMS 44.55
signal [adc counts]

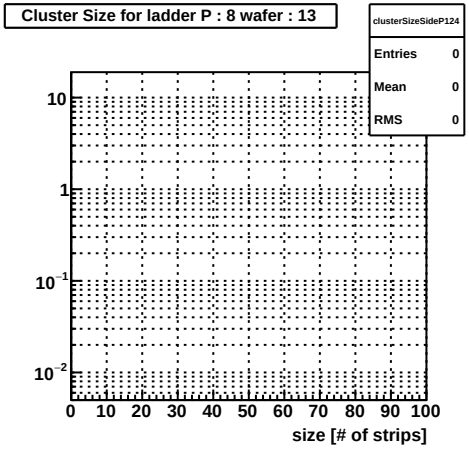

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 246
Mean 1.236
RMS 0.6449
size [# of strips]

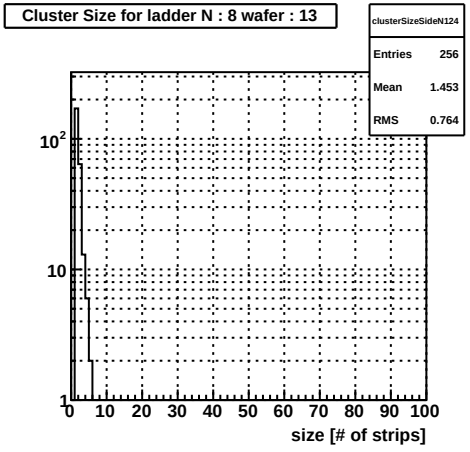

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 168
Mean 1.506
RMS 0.7559
size [# of strips]

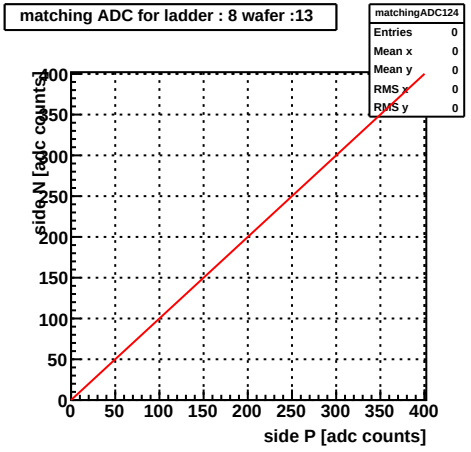

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 120
Mean x 74.64
Mean y 81.88
RMS x 54.5
RMS y 58.1
side N [adc counts]
side P [adc counts]

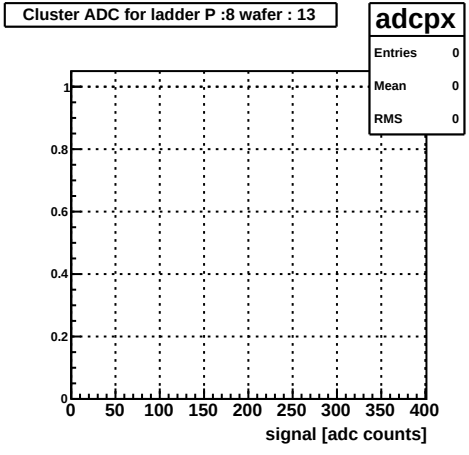

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 246
Mean 52.06
RMS 52.37
signal [adc counts]

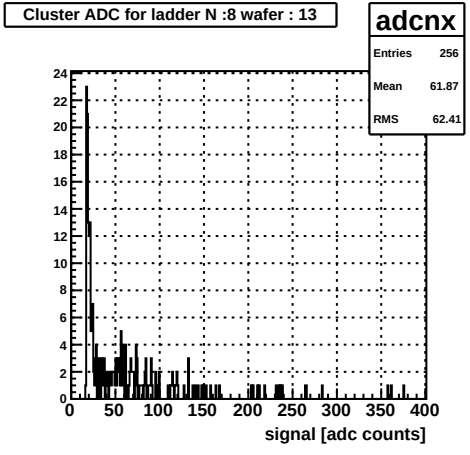

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 168
Mean 71.03
RMS 62.03
signal [adc counts]

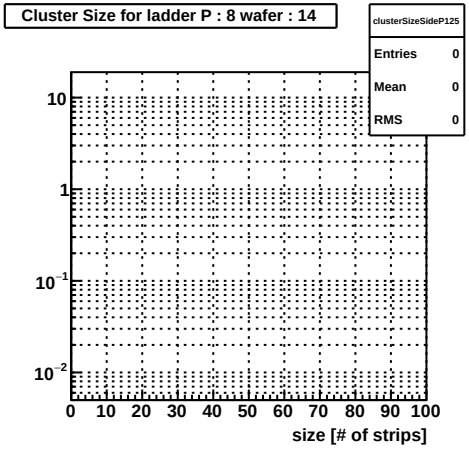

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

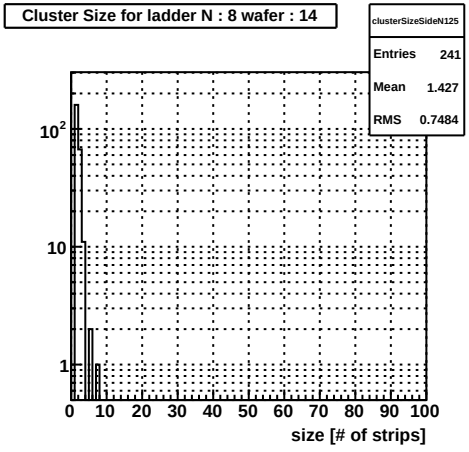

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 256
Mean 1.453
RMS 0.764
size [# of strips]

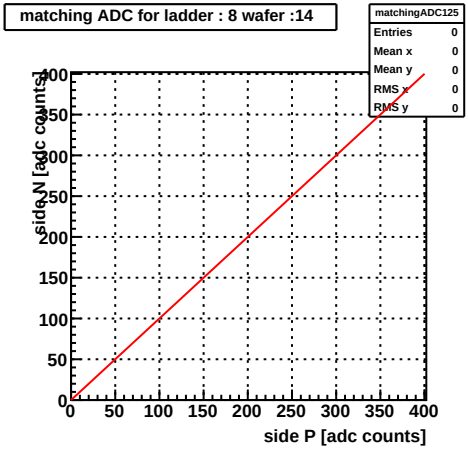

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

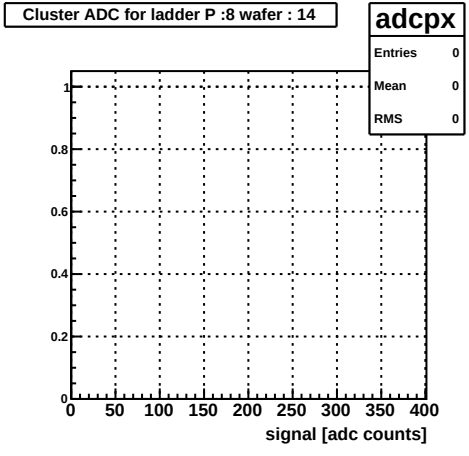

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

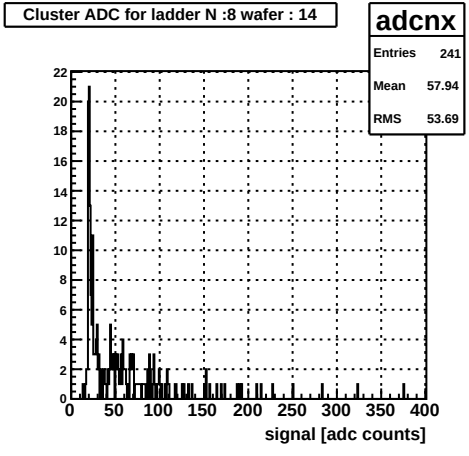

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 256
Mean 61.87
RMS 62.41
signal [adc counts]

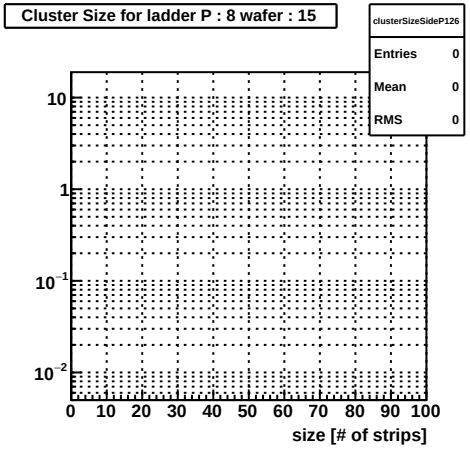

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

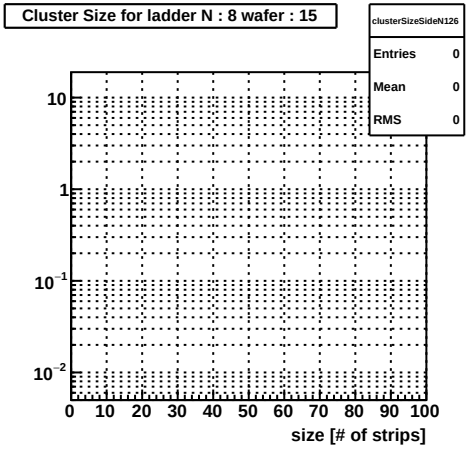

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 241
Mean 1.427
RMS 0.7484
size [# of strips]

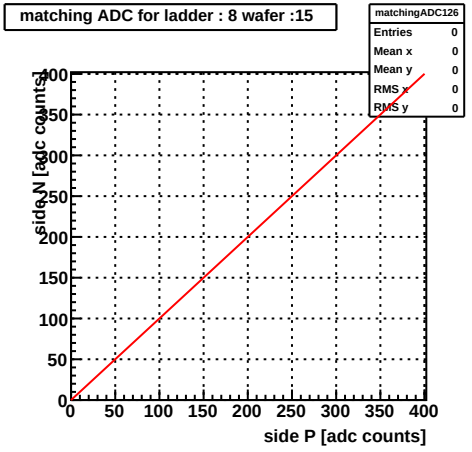

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

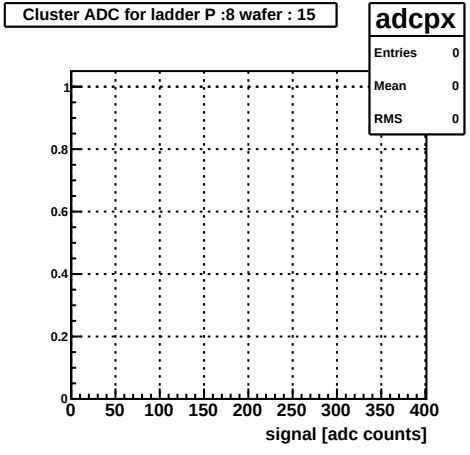

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

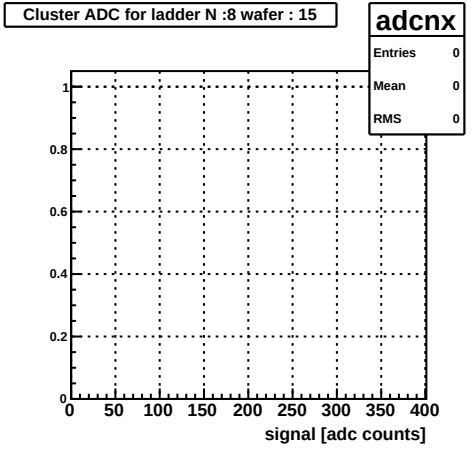

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 241
Mean 57.94
RMS 53.69
signal [adc counts]

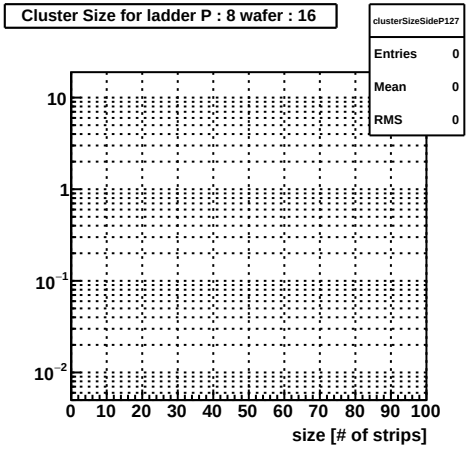

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 0
Mean 0
RMS 0
size [# of strips]

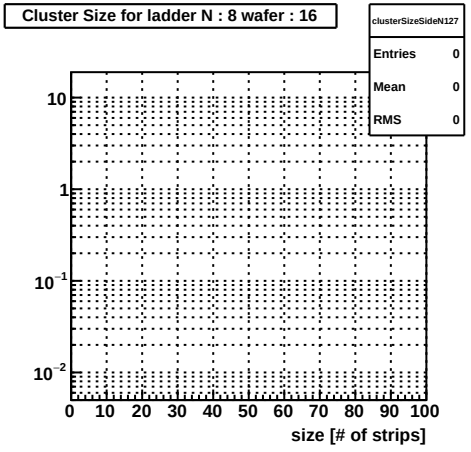

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

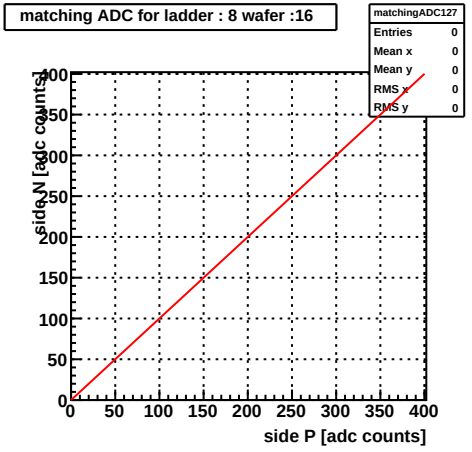

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

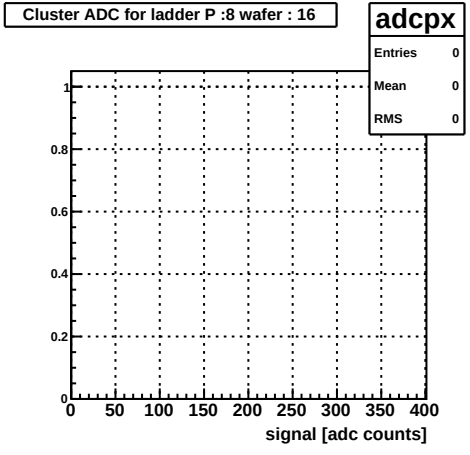

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

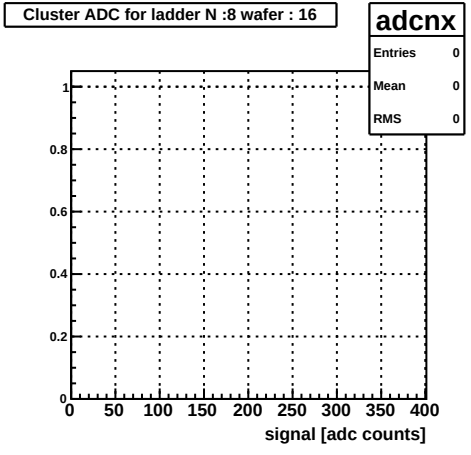

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

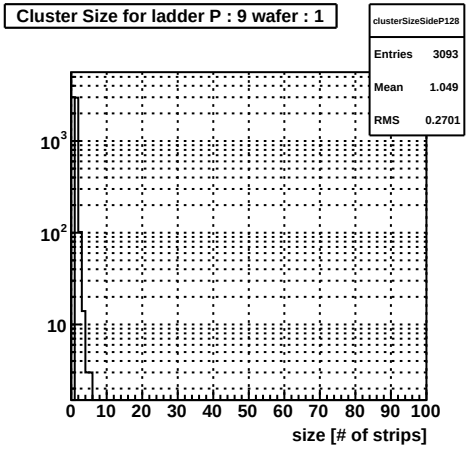

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

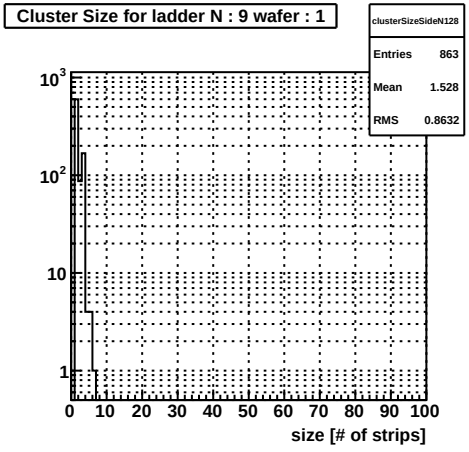

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

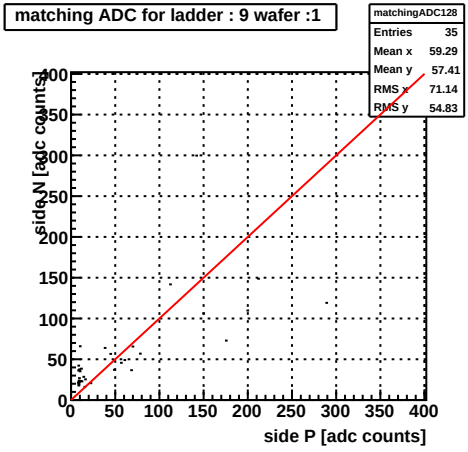

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

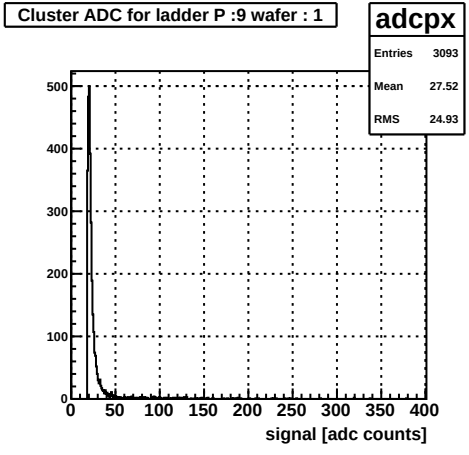

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

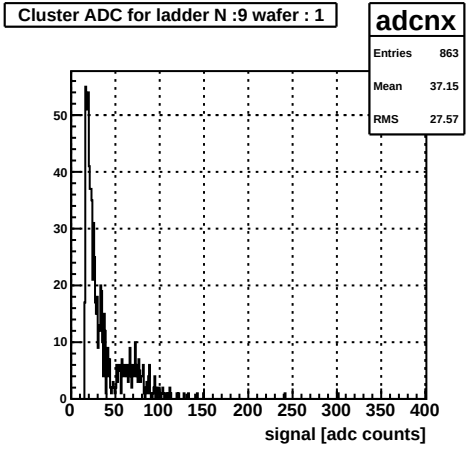

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

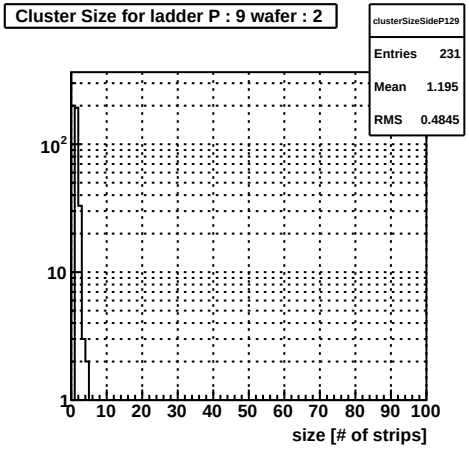

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 3093
Mean 1.049
RMS 0.2701
size [# of strips]

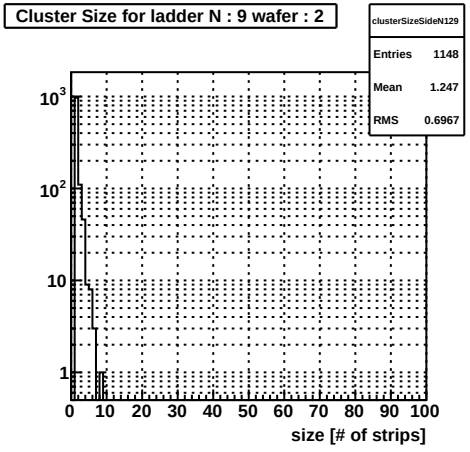

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 863
Mean 1.528
RMS 0.8632
size [# of strips]

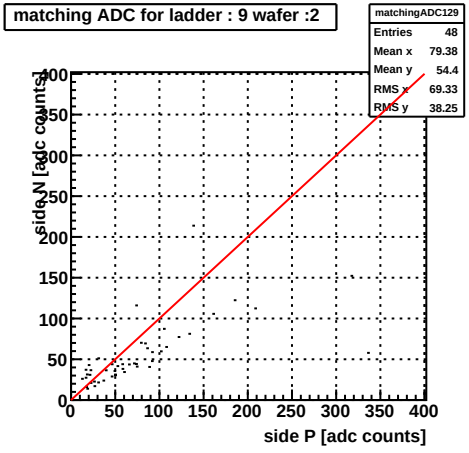

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 35
Mean x 59.29
Mean y 57.41
RMS x 71.14
RMS y 54.83
side N [adc counts]
side P [adc counts]

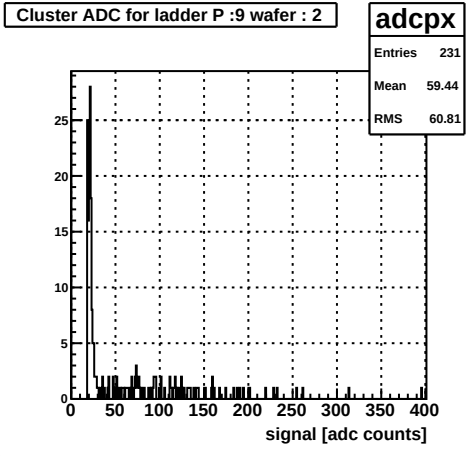

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 3093
Mean 27.52
RMS 24.93
signal [adc counts]

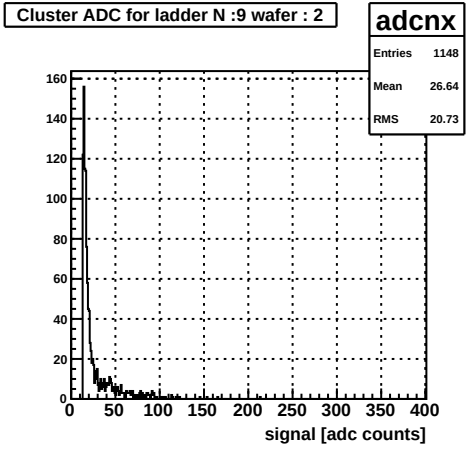

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 863
Mean 37.15
RMS 27.57
signal [adc counts]

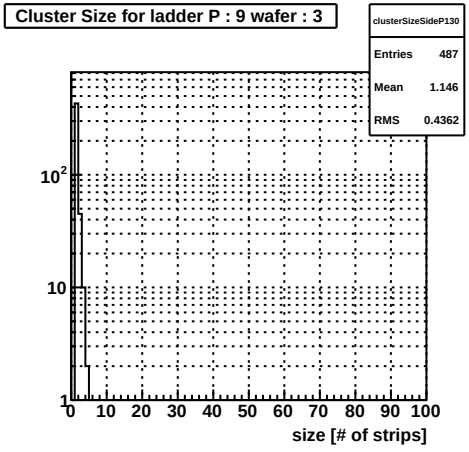

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 231
Mean 1.195
RMS 0.4845
size [# of strips]

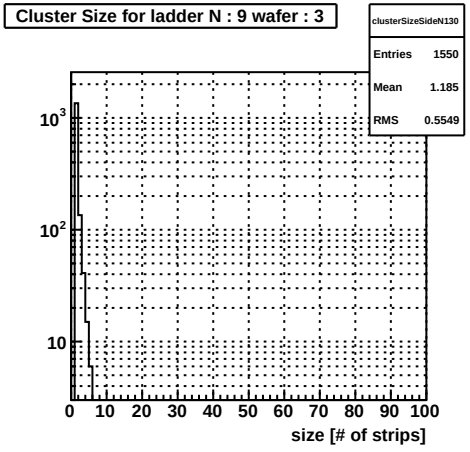

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 1148
Mean 1.247
RMS 0.6967
size [# of strips]

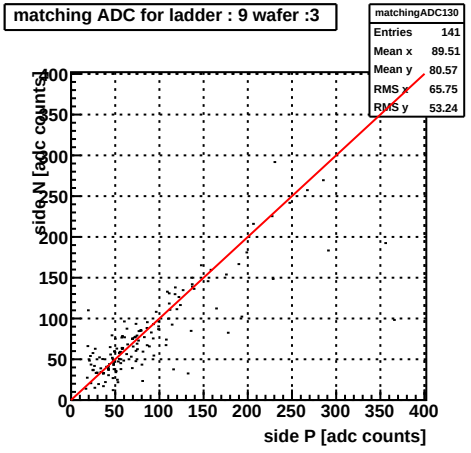

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 48
Mean x 79.38
Mean y 54.4
RMS x 69.33
RMS y 38.25
side N [adc counts]
side P [adc counts]

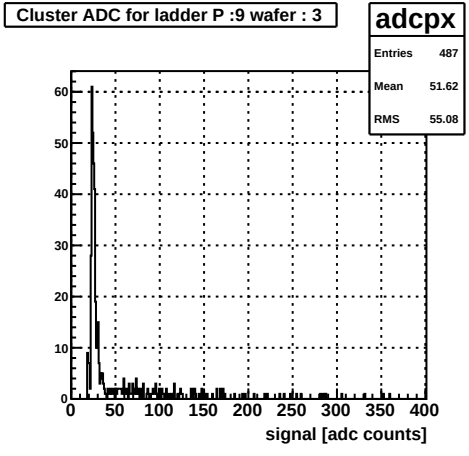

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 231
Mean 59.44
RMS 60.81
signal [adc counts]

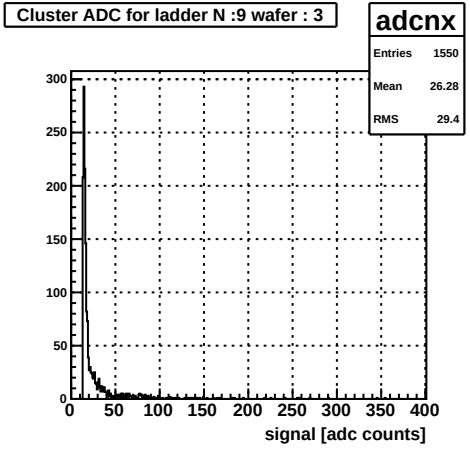

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 1148
Mean 26.64
RMS 20.73
signal [adc counts]

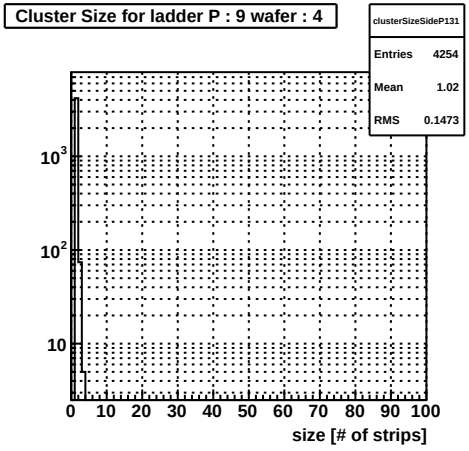

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 487
Mean 1.146
RMS 0.4362
size [# of strips]

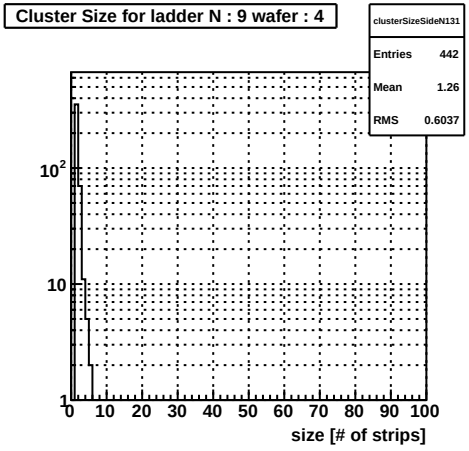

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 1550
Mean 1.185
RMS 0.5549
size [# of strips]

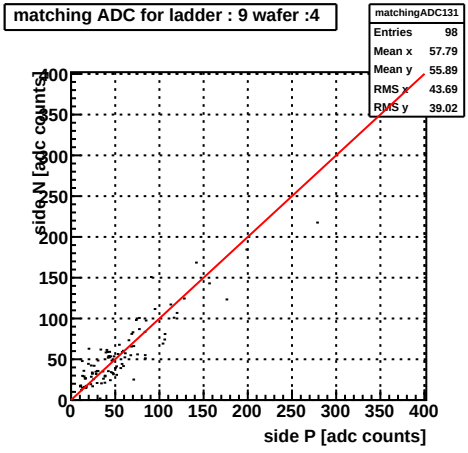

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 141
Mean x 89.51
Mean y 80.57
RMS x 65.75
RMS y 53.24
side N [adc counts]
side P [adc counts]

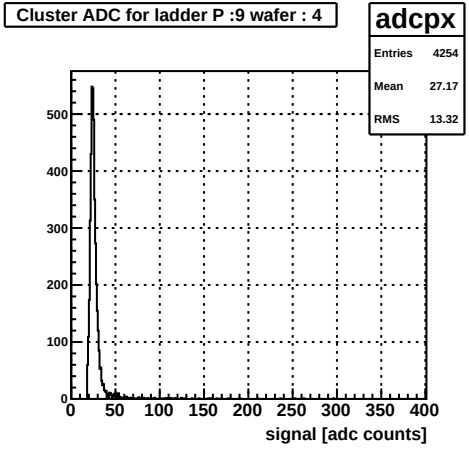

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 487
Mean 51.62
RMS 55.08
signal [adc counts]

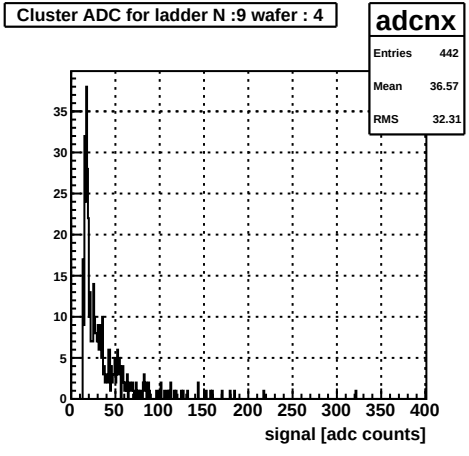

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 1550
Mean 26.28
RMS 29.4
signal [adc counts]

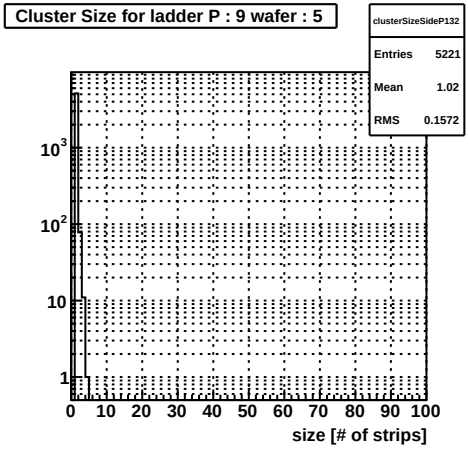

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 4254
Mean 1.02
RMS 0.1473
size [# of strips]

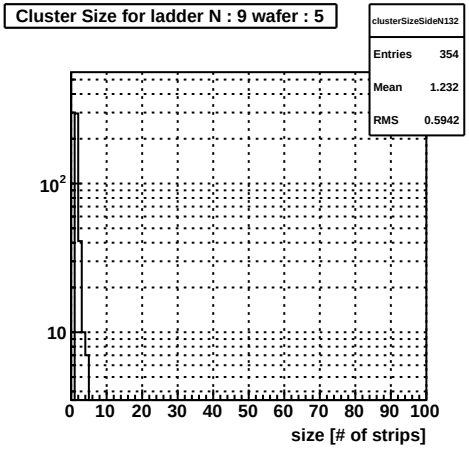

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 442
Mean 1.26
RMS 0.6037
size [# of strips]

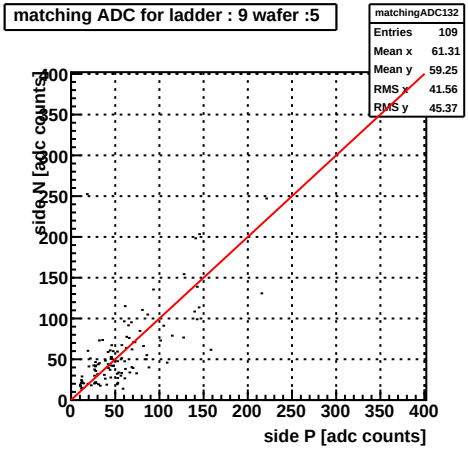

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 98
Mean x 57.79
Mean y 55.89
RMS x 43.69
RMS y 39.02
side N [adc counts]
side P [adc counts]

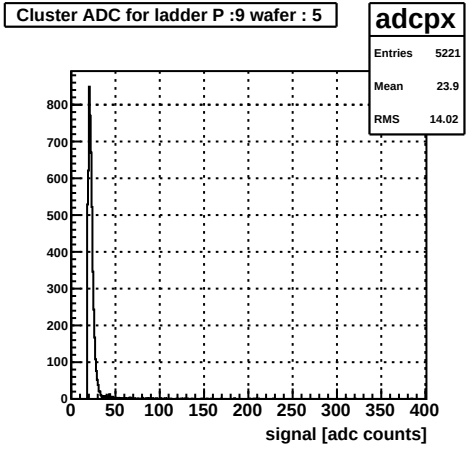

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 4254
Mean 27.17
RMS 13.32
signal [adc counts]

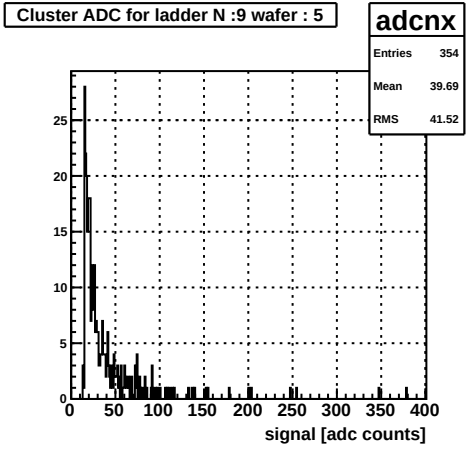

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 442
Mean 36.57
RMS 32.31
signal [adc counts]

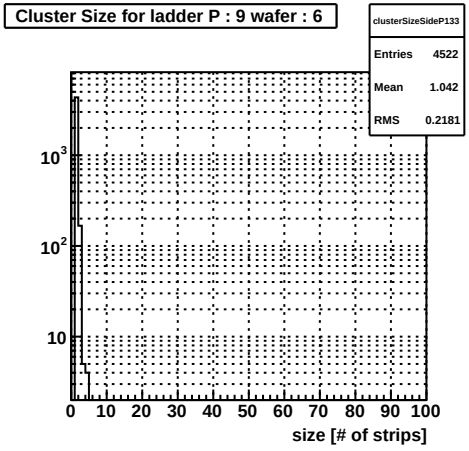

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 5221
Mean 1.02
RMS 0.1572
size [# of strips]

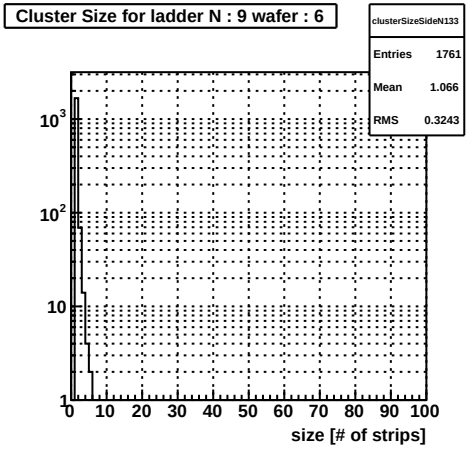

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 354
Mean 1.232
RMS 0.5942
size [# of strips]

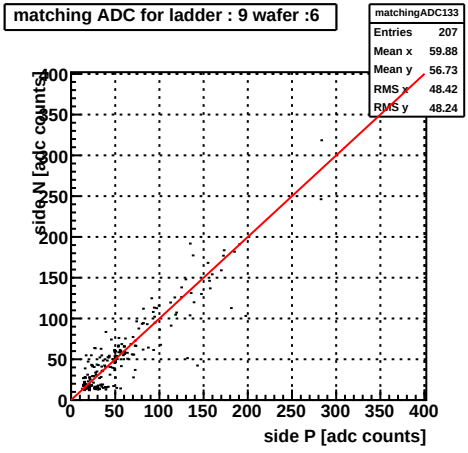

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 109
Mean x 61.31
Mean y 59.25
RMS x 41.56
RMS y 45.37
side N [adc counts]
side P [adc counts]

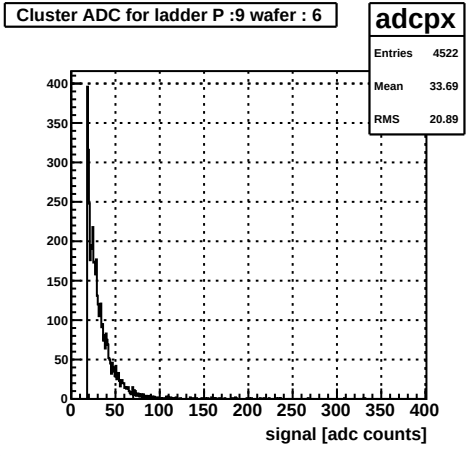

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 5221
Mean 23.9
RMS 14.02
signal [adc counts]

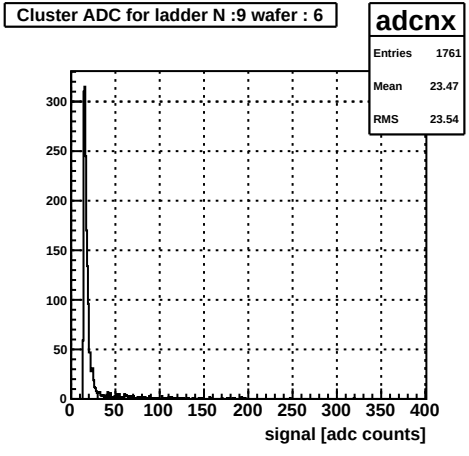

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 354
Mean 39.69
RMS 41.52
signal [adc counts]

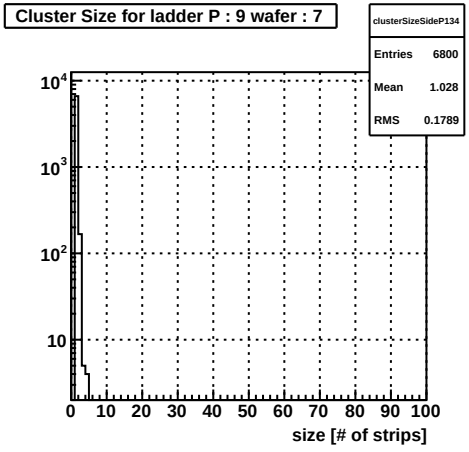

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 4522
Mean 1.042
RMS 0.2181
size [# of strips]

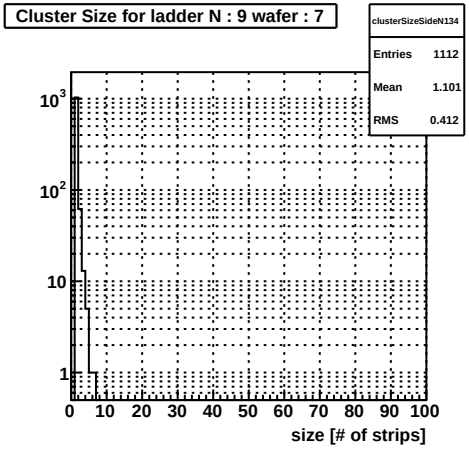

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 1761
Mean 1.066
RMS 0.3243
size [# of strips]

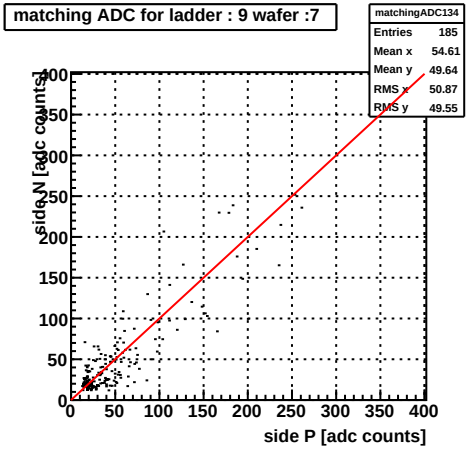

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 207
Mean x 59.88
Mean y 56.73
RMS x 48.42
RMS y 48.24
side N [adc counts]
side P [adc counts]

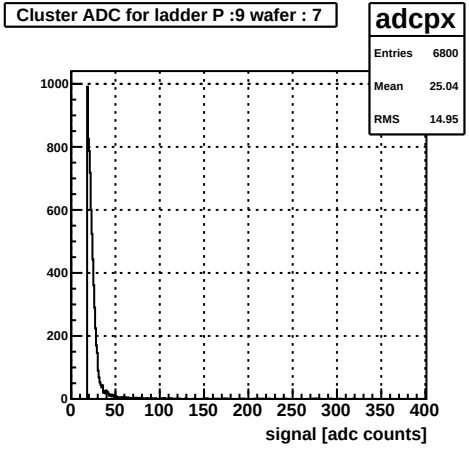

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 4522
Mean 33.69
RMS 20.89
signal [adc counts]

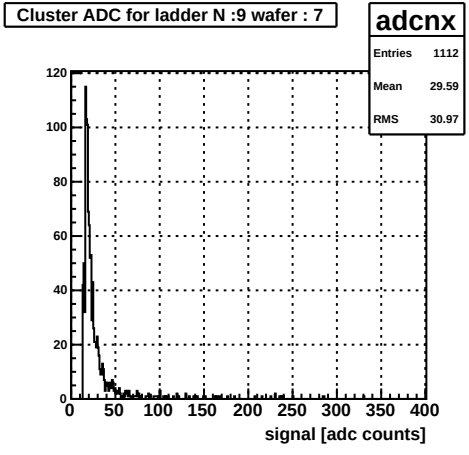

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 1761
Mean 23.47
RMS 23.54
signal [adc counts]

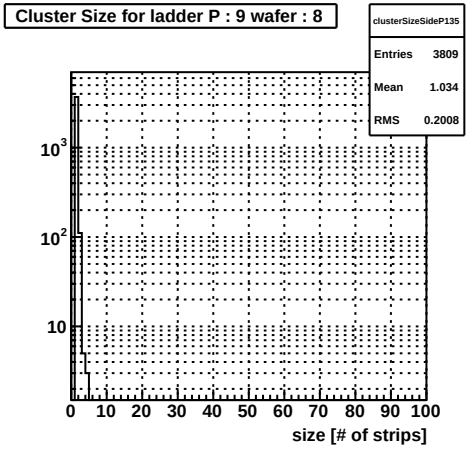

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 6800
Mean 1.028
RMS 0.1789
size [# of strips]

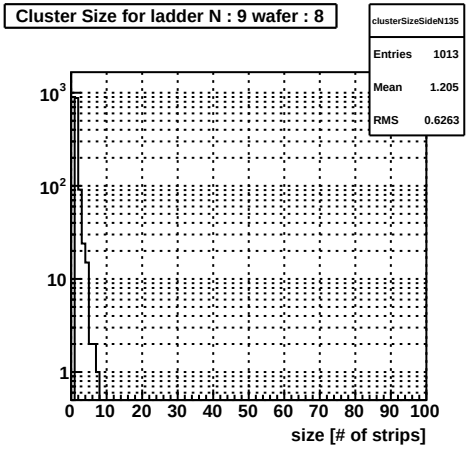

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 1112
Mean 1.101
RMS 0.412
size [# of strips]

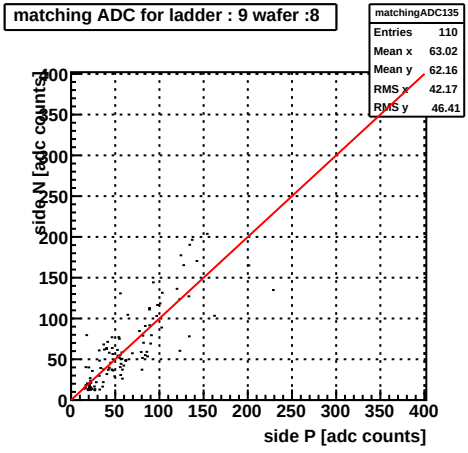

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 185
Mean x 54.61
Mean y 49.64
RMS x 50.87
RMS y 49.55
side N [adc counts]
side P [adc counts]

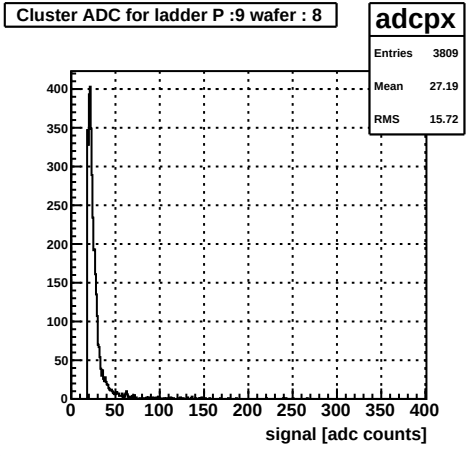

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 6800
Mean 25.04
RMS 14.95
signal [adc counts]

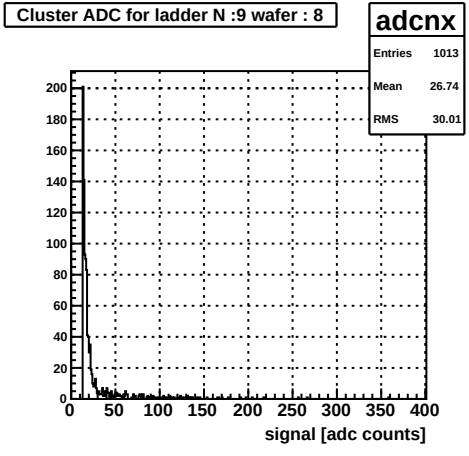

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 1112
Mean 29.59
RMS 30.97
signal [adc counts]

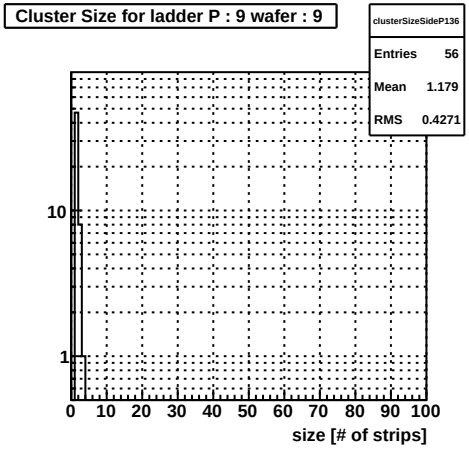

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 3809
Mean 1.034
RMS 0.2008
size [# of strips]

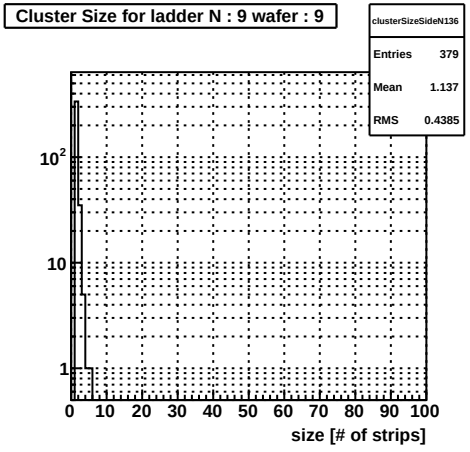

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 1013
Mean 1.205
RMS 0.6263
size [# of strips]

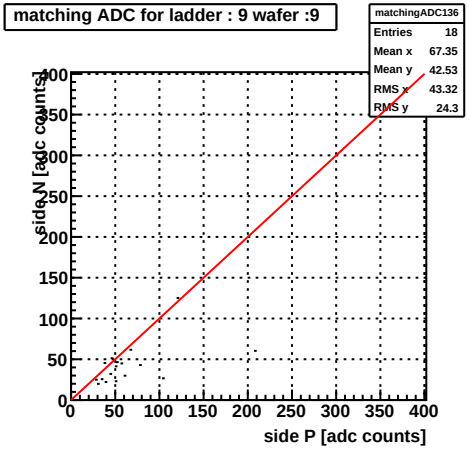

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 110
Mean x 63.02
Mean y 62.16
RMS x 42.17
RMS y 46.41
side N [adc counts]
side P [adc counts]

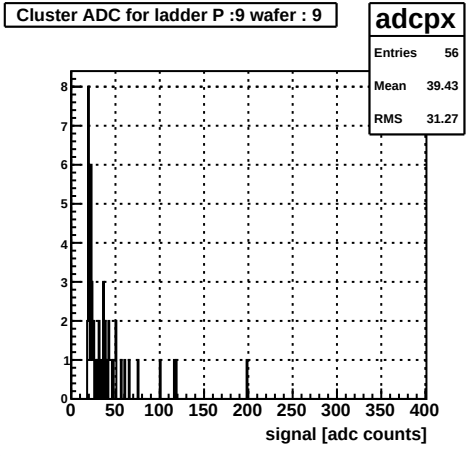

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 3809
Mean 27.19
RMS 15.72
signal [adc counts]

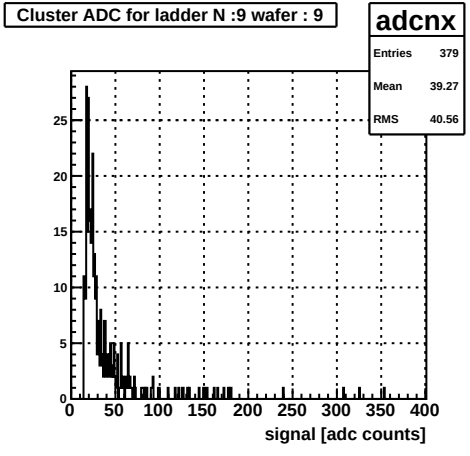

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 1013
Mean 26.74
RMS 30.01
signal [adc counts]

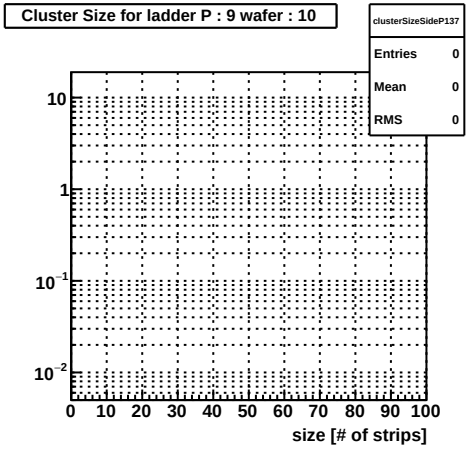

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 56
Mean 1.179
RMS 0.4271
size [# of strips]

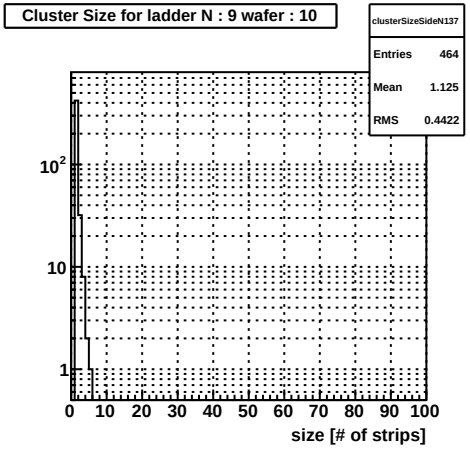

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 379
Mean 1.137
RMS 0.4385
size [# of strips]

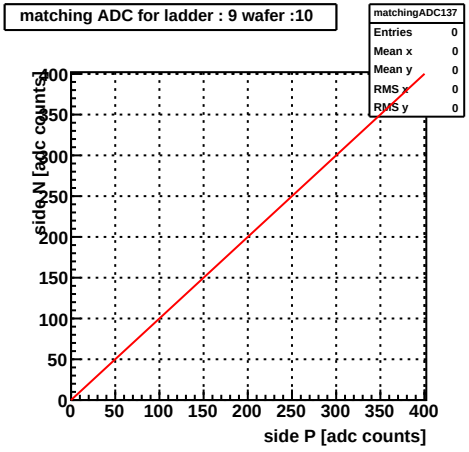

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 18
Mean x 67.35
Mean y 42.53
RMS x 43.32
RMS y 24.3
side N [adc counts]
side P [adc counts]

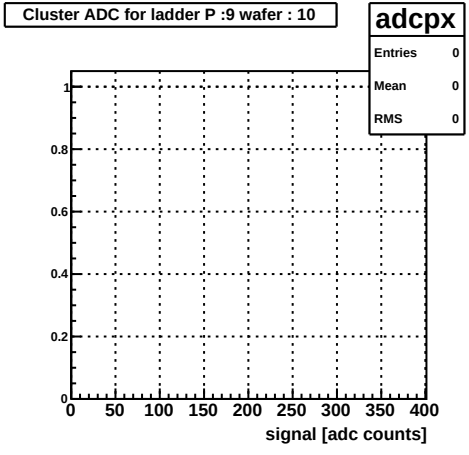

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 56
Mean 39.43
RMS 31.27
signal [adc counts]

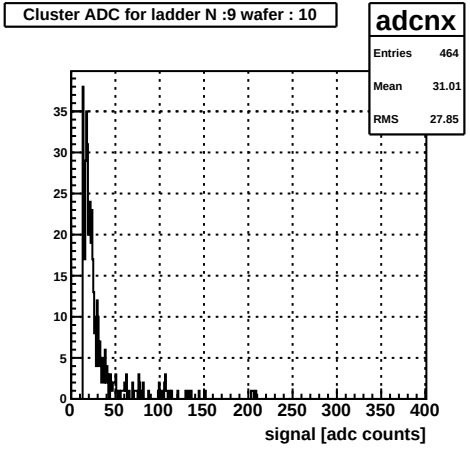

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 379
Mean 39.27
RMS 40.56
signal [adc counts]

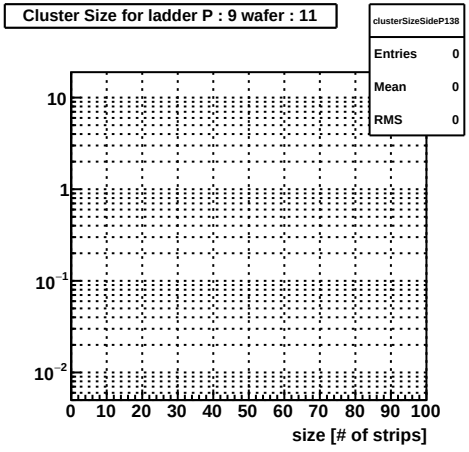

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

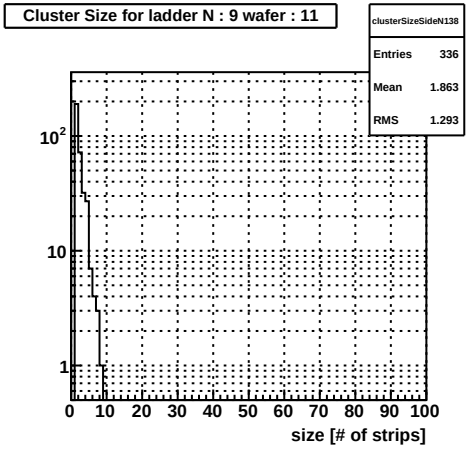

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 464
Mean 1.125
RMS 0.4422
size [# of strips]

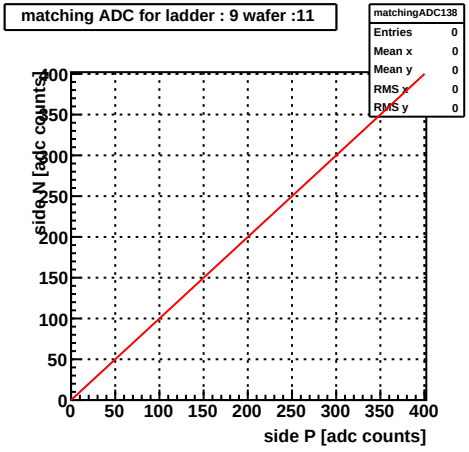

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

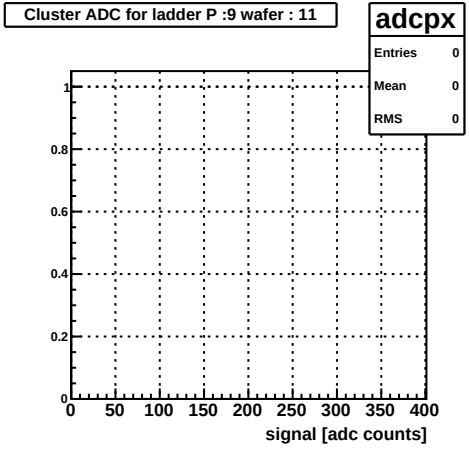

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

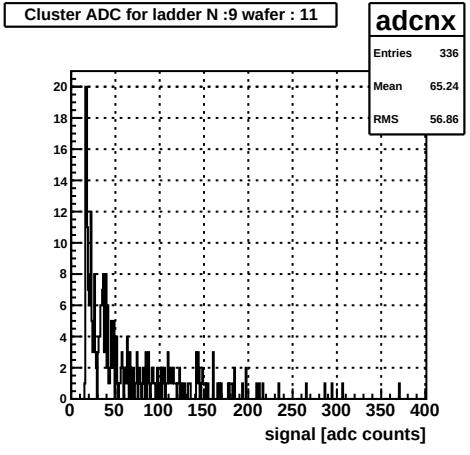

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 464
Mean 31.01
RMS 27.85
signal [adc counts]

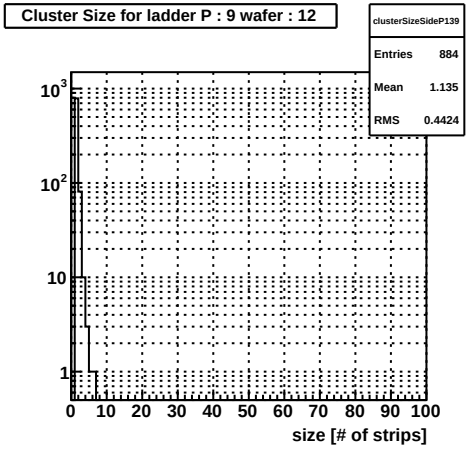

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

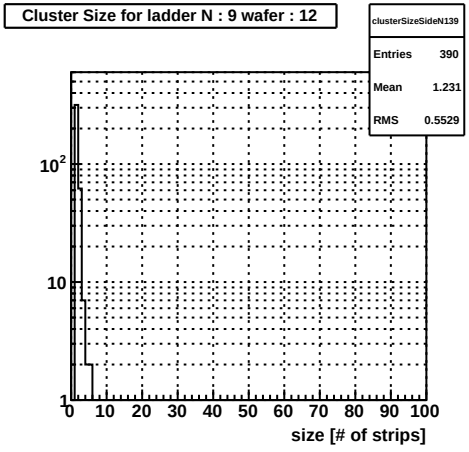

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 336
Mean 1.863
RMS 1.293
size [# of strips]

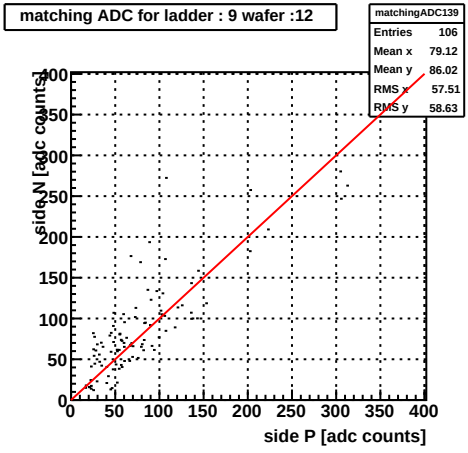

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

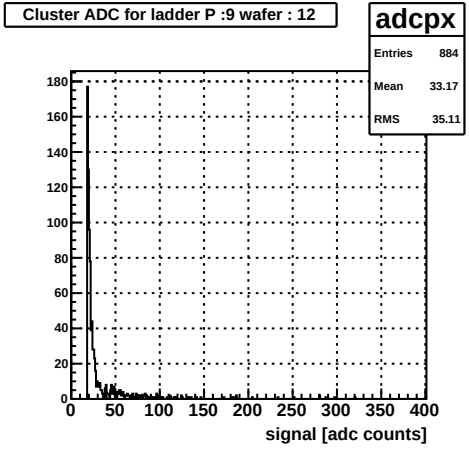

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

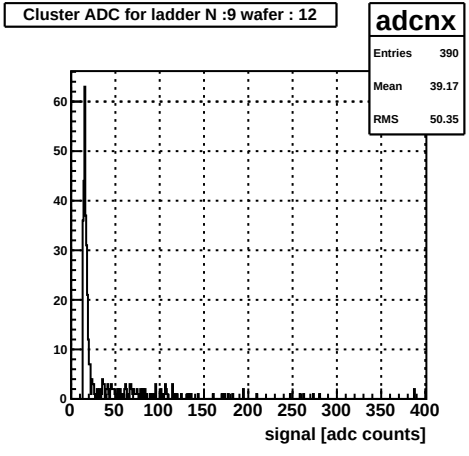

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 336
Mean 65.24
RMS 56.86
signal [adc counts]

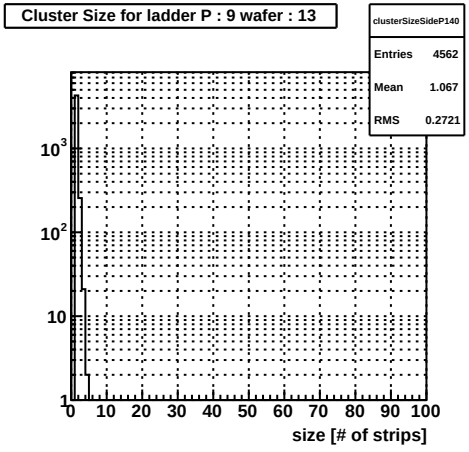

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 884
Mean 1.135
RMS 0.4424
size [# of strips]

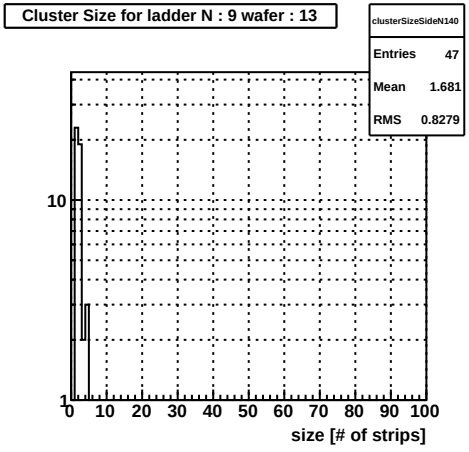

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 390
Mean 1.231
RMS 0.5529
size [# of strips]

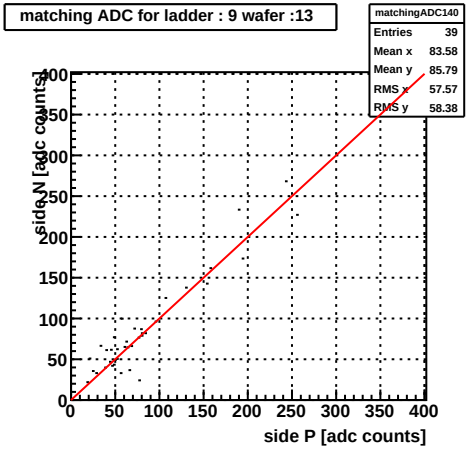

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 106
Mean x 79.12
Mean y 86.02
RMS x 57.51
RMS y 58.63
side N [adc counts]
side P [adc counts]

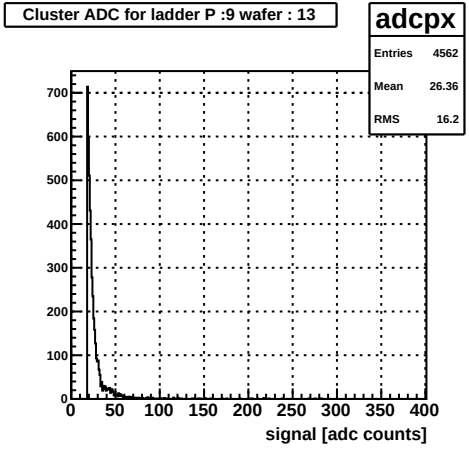

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 884
Mean 33.17
RMS 35.11
signal [adc counts]

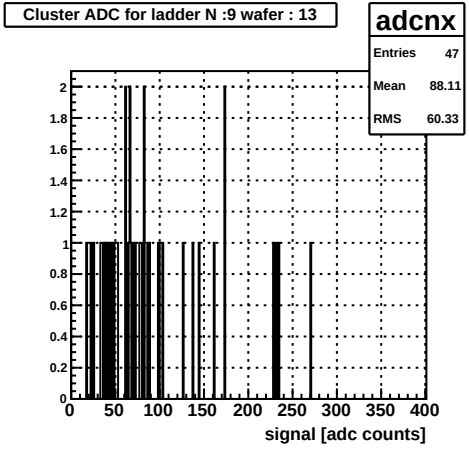

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 390
Mean 39.17
RMS 50.35
signal [adc counts]

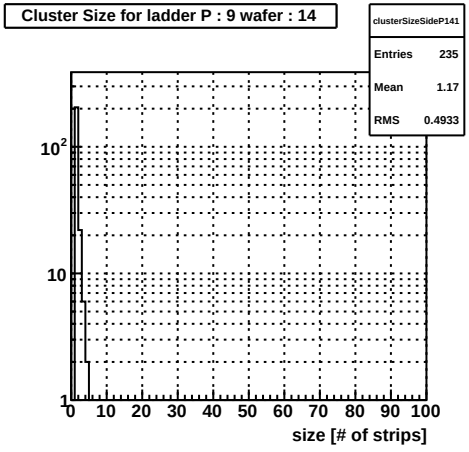

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 4562
Mean 1.067
RMS 0.2721
size [# of strips]

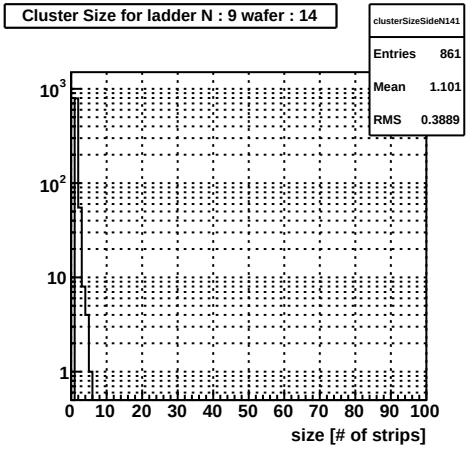

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 47
Mean 1.681
RMS 0.8279
size [# of strips]

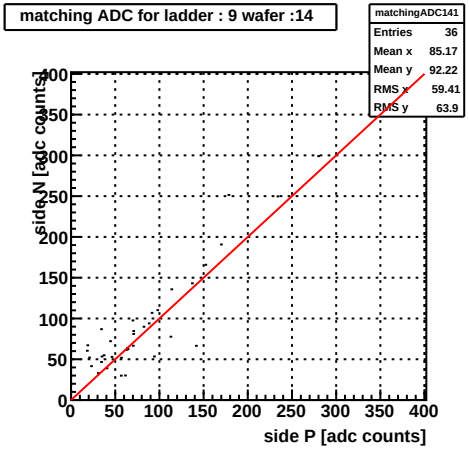

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 39
Mean x 83.58
Mean y 85.79
RMS x 57.57
RMS y 58.38
side N [adc counts]
side P [adc counts]

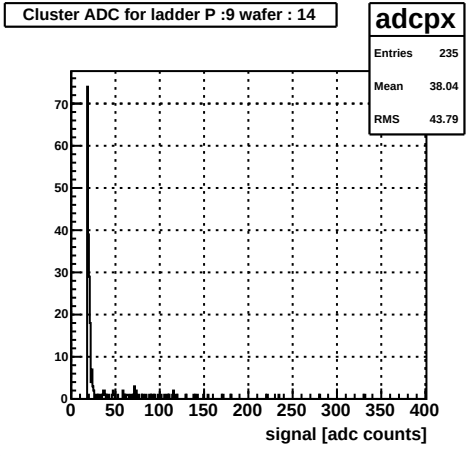

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 4562
Mean 26.36
RMS 16.2
signal [adc counts]

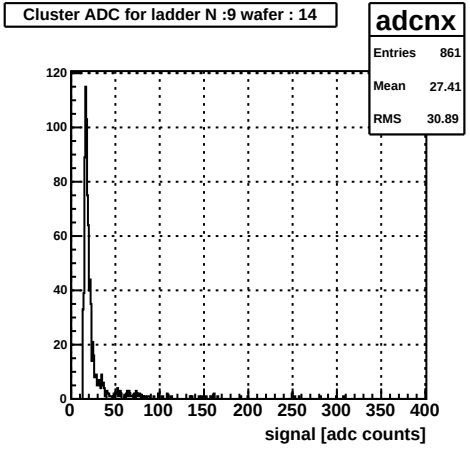

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 47
Mean 88.11
RMS 60.33
signal [adc counts]

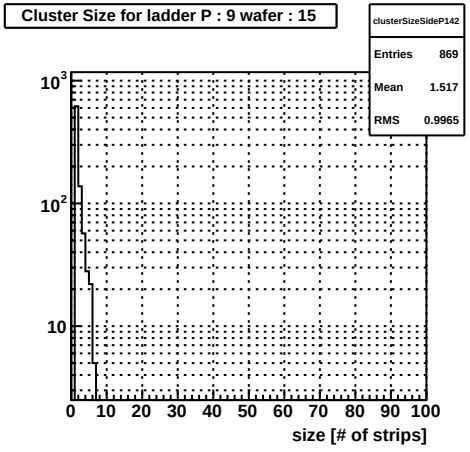

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 235
Mean 1.17
RMS 0.4933
size [# of strips]

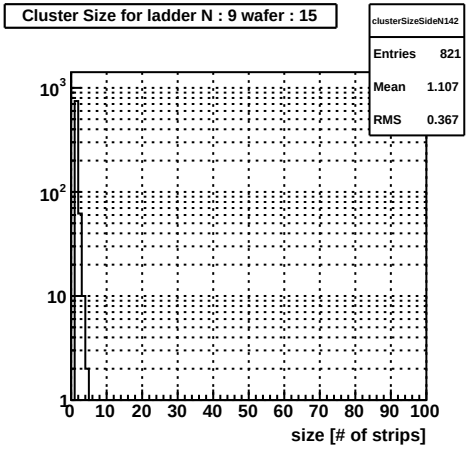

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 861
Mean 1.101
RMS 0.3889
size [# of strips]

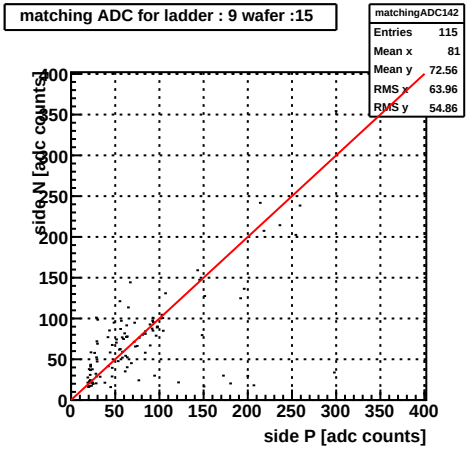

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 36
Mean x 85.17
Mean y 92.22
RMS x 59.41
RMS y 63.9
side N [adc counts]
side P [adc counts]

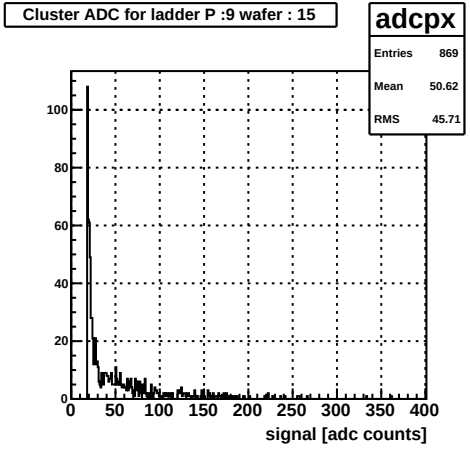

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 235
Mean 38.04
RMS 43.79
signal [adc counts]

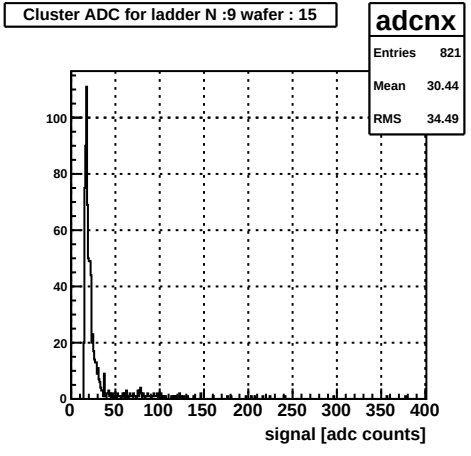

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 861
Mean 27.41
RMS 30.89
signal [adc counts]

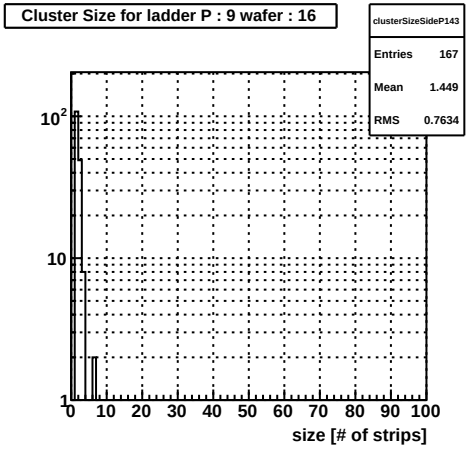

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 869
Mean 1.517
RMS 0.9965
size [# of strips]

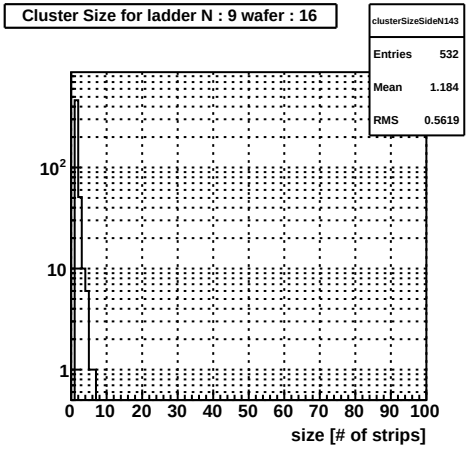

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 821
Mean 1.107
RMS 0.367
size [# of strips]

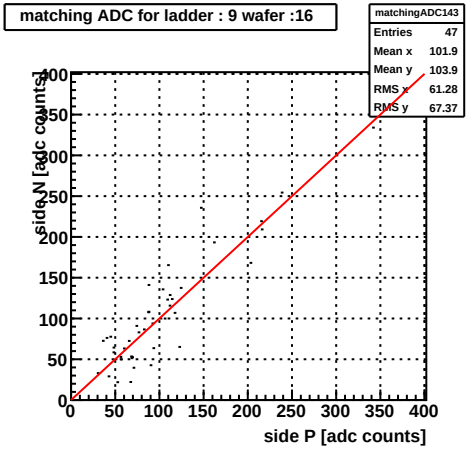

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 115
Mean x 81
Mean y 72.56
RMS x 63.96
RMS y 54.86
side N [adc counts]
side P [adc counts]

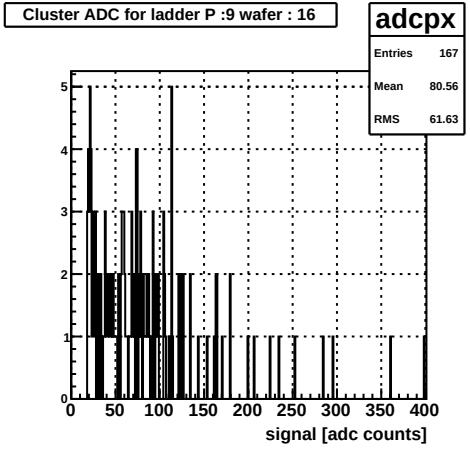

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 869
Mean 50.62
RMS 45.71
signal [adc counts]

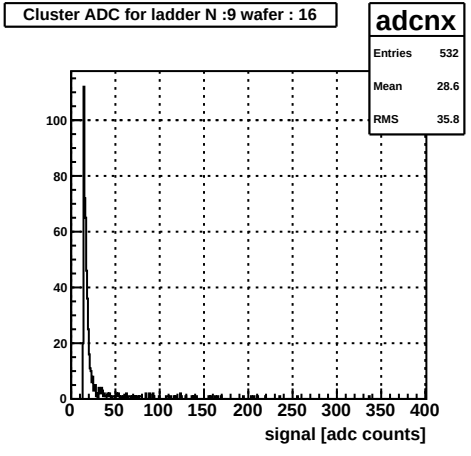

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 821
Mean 30.44
RMS 34.49
signal [adc counts]

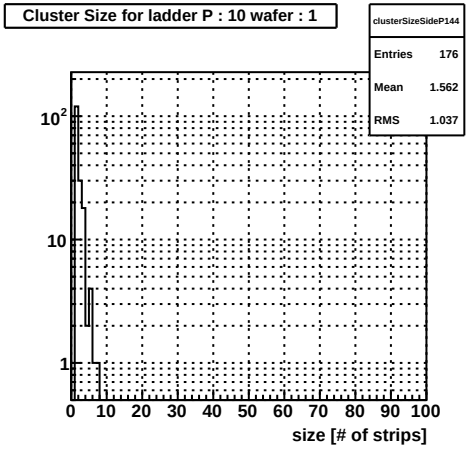

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 167
Mean 1.449
RMS 0.7634
size [# of strips]

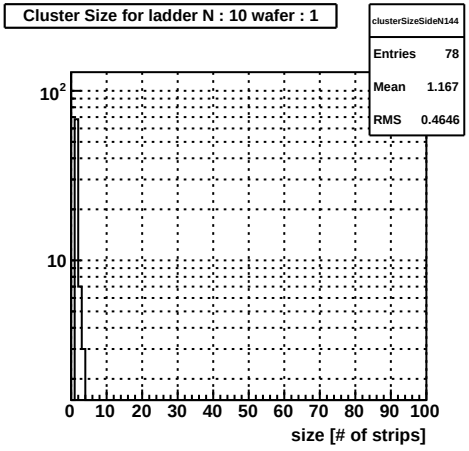

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 532
Mean 1.184
RMS 0.5619
size [# of strips]

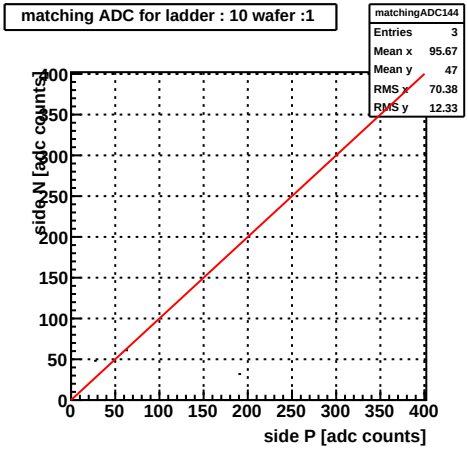

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 47
Mean x 101.9
Mean y 103.9
RMS x 61.28
RMS y 67.37
side N [adc counts]
side P [adc counts]

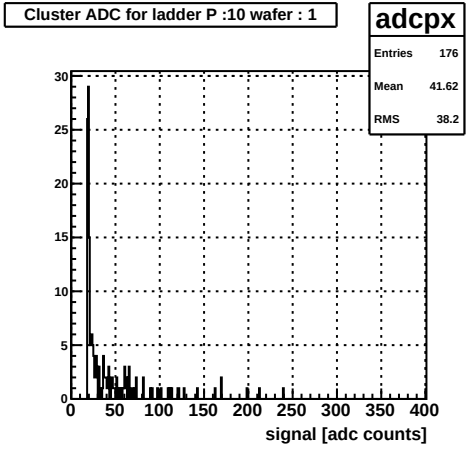

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 167
Mean 80.56
RMS 61.63
signal [adc counts]

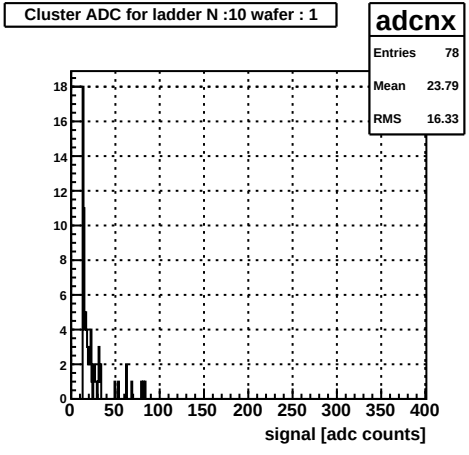

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 532
Mean 28.6
RMS 35.8
signal [adc counts]

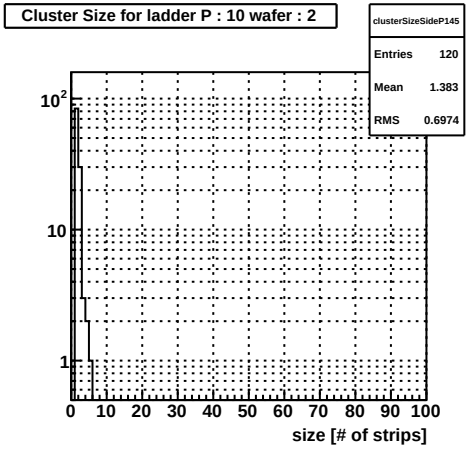

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 176
Mean 1.562
RMS 1.037
size [# of strips]

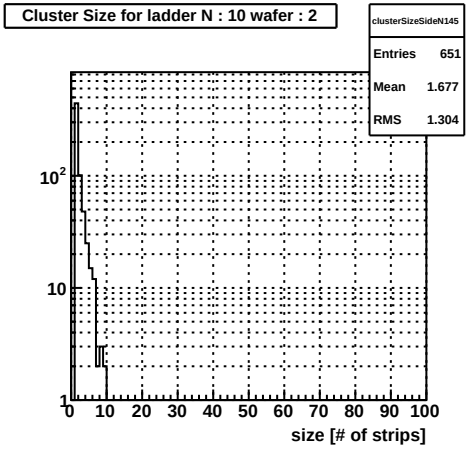

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 78
Mean 1.167
RMS 0.4646
size [# of strips]

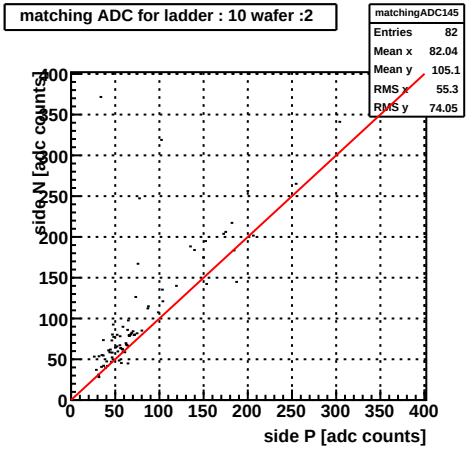

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 3
Mean x 95.67
Mean y 47
RMS x 70.38
RMS y 12.33
side N [adc counts]
side P [adc counts]

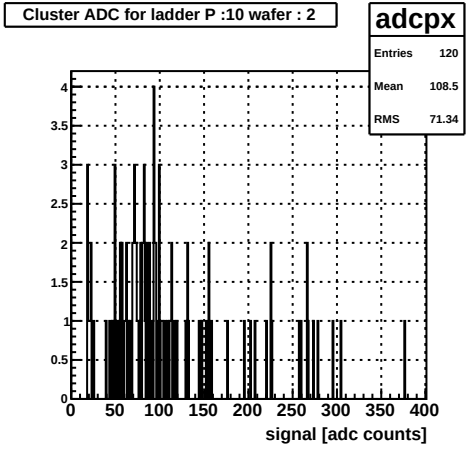

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 176
Mean 41.62
RMS 38.2
signal [adc counts]

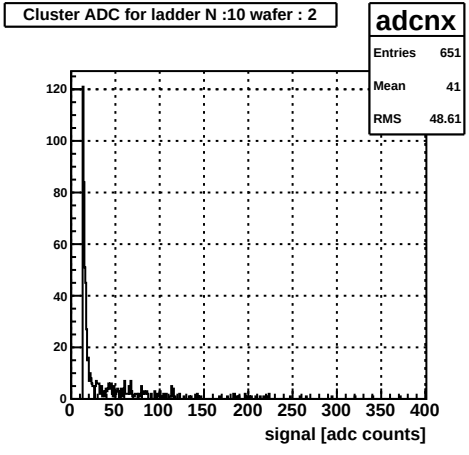

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 78
Mean 23.79
RMS 16.33
signal [adc counts]

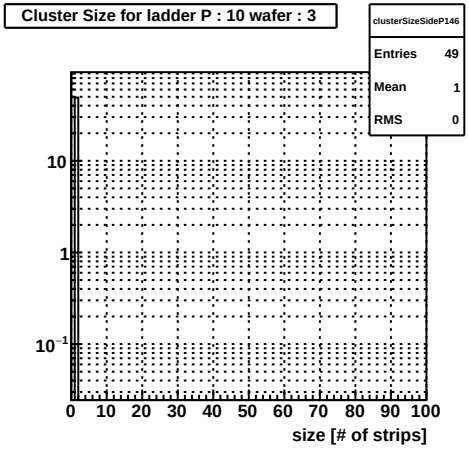

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 120
Mean 1.383
RMS 0.6974
size [# of strips]

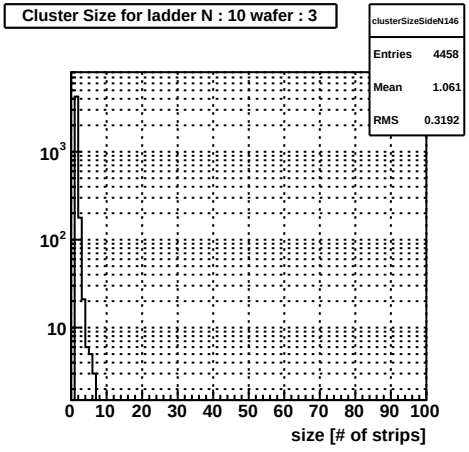

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 651
Mean 1.677
RMS 1.304
size [# of strips]

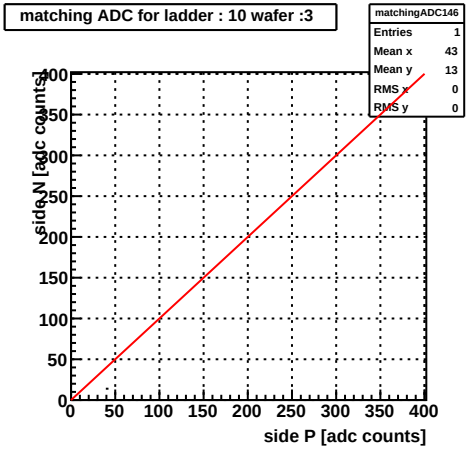

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 82
Mean x 82.04
Mean y 105.1
RMS x 55.3
RMS y 74.05
side N [adc counts]
side P [adc counts]

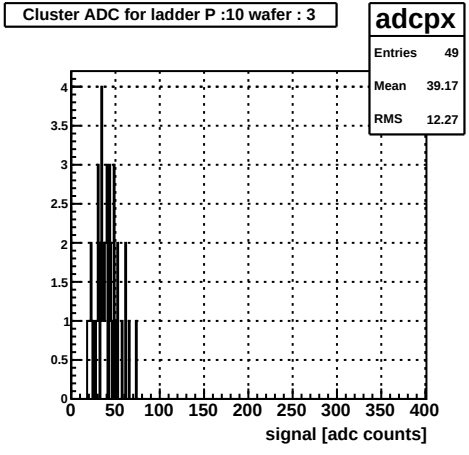

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 120
Mean 108.5
RMS 71.34
signal [adc counts]

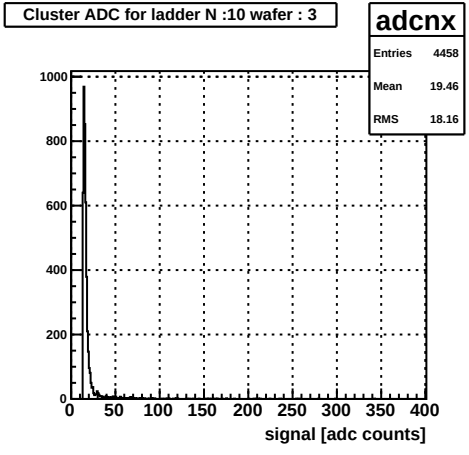

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 651
Mean 41
RMS 48.61
signal [adc counts]

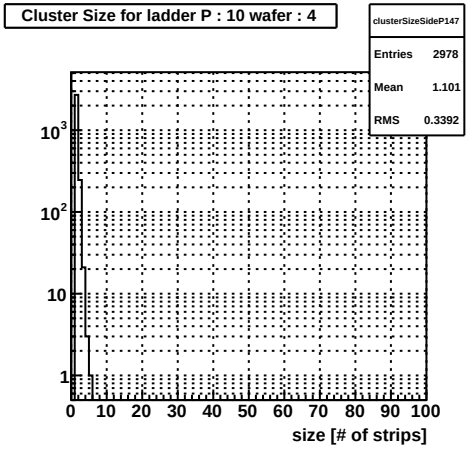

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 49
Mean 1
RMS 0
size [# of strips]

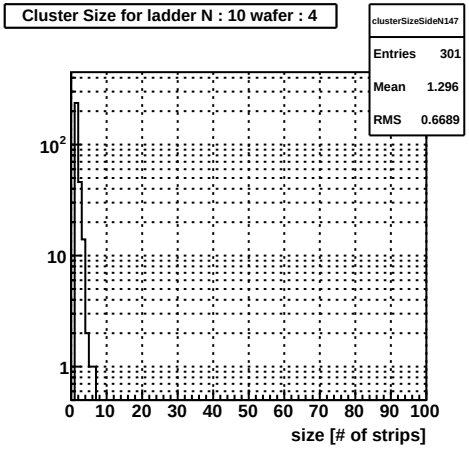

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 4458
Mean 1.061
RMS 0.3192
size [# of strips]

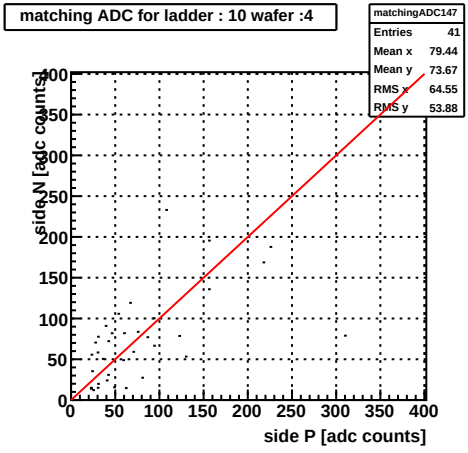

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 1
Mean x 43
Mean y 13
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

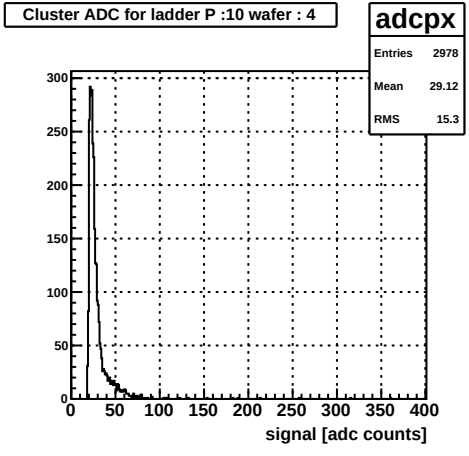

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 49
Mean 39.17
RMS 12.27
signal [adc counts]

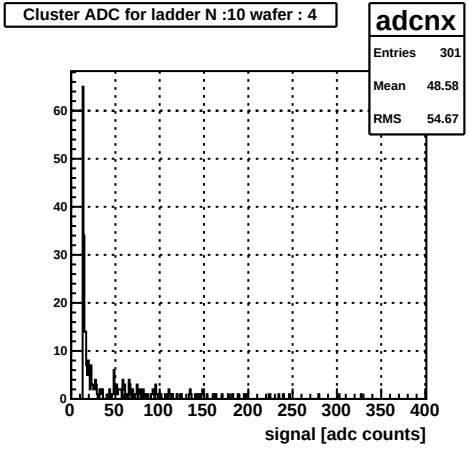

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 4458
Mean 19.46
RMS 18.16
signal [adc counts]

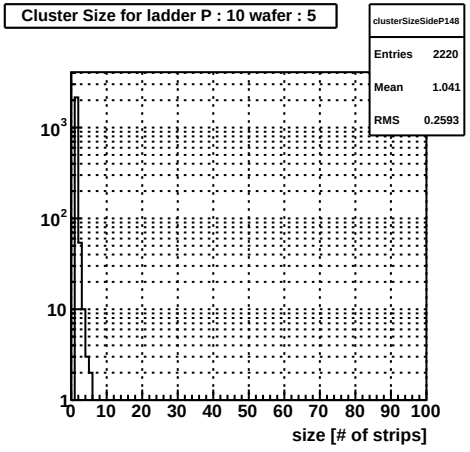

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 2978
Mean 1.101
RMS 0.3392
size [# of strips]

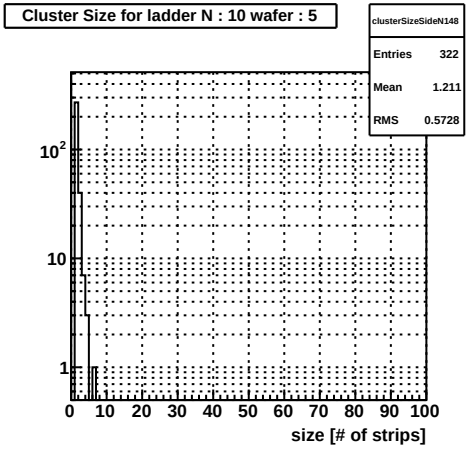

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 301
Mean 1.296
RMS 0.6689
size [# of strips]

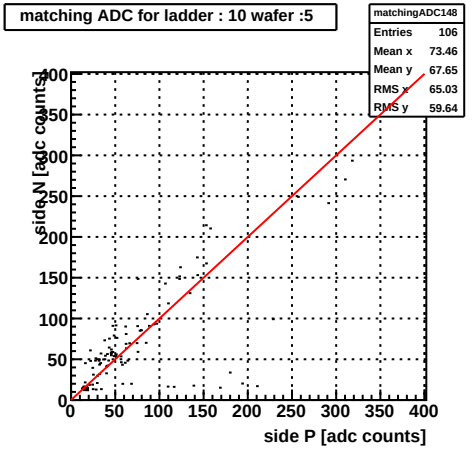

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 41
Mean x 79.44
Mean y 73.67
RMS x 64.55
RMS y 53.88
side N [adc counts]
side P [adc counts]

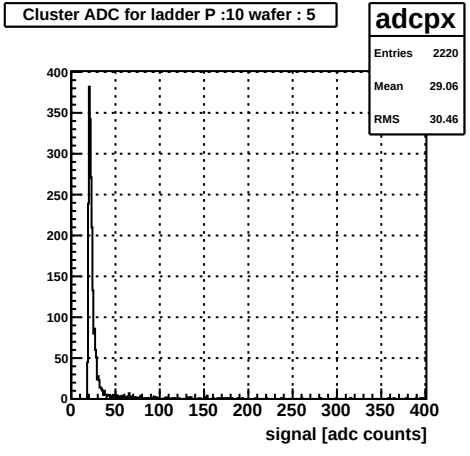

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 2978
Mean 29.12
RMS 15.3
signal [adc counts]

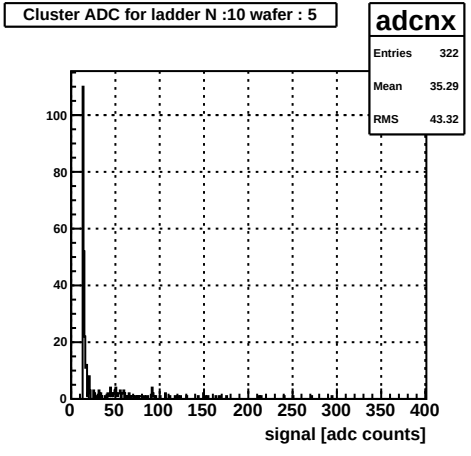

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 301
Mean 48.58
RMS 54.67
signal [adc counts]

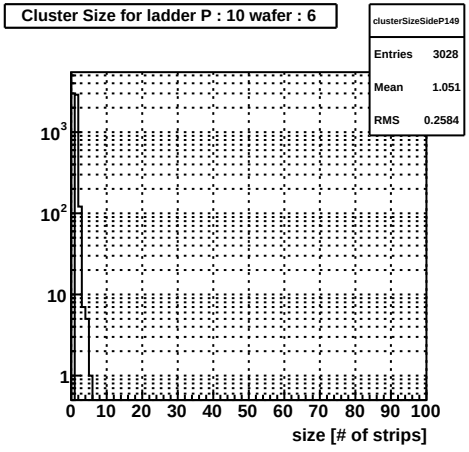

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 2220
Mean 1.041
RMS 0.2593
size [# of strips]

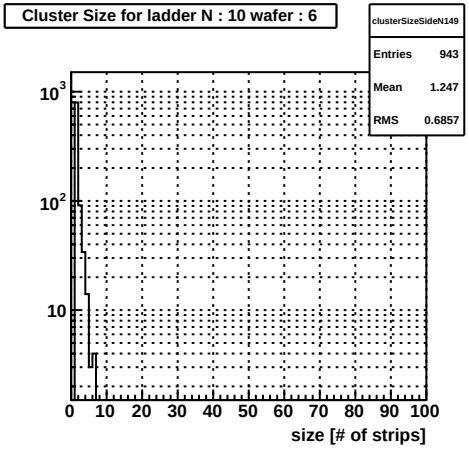

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 322
Mean 1.211
RMS 0.5728
size [# of strips]

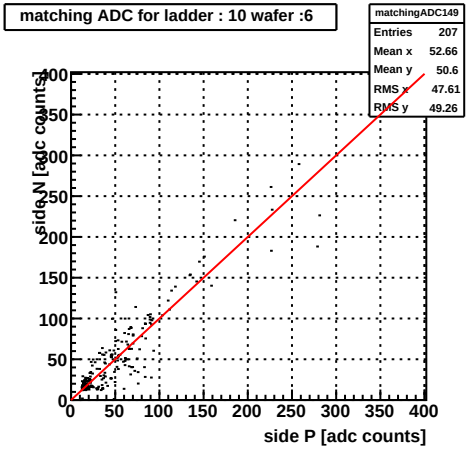

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 106
Mean x 73.46
Mean y 67.65
RMS x 65.03
RMS y 59.64
side N [adc counts]
side P [adc counts]

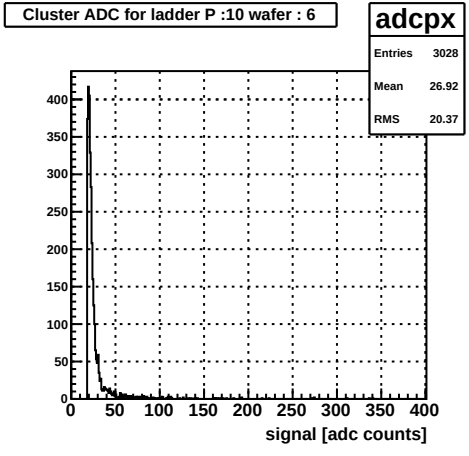

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 2220
Mean 29.06
RMS 30.46
signal [adc counts]

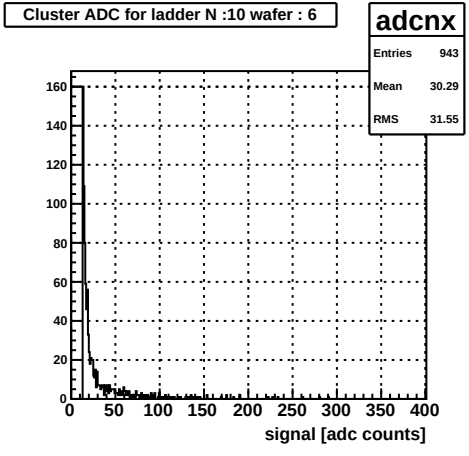

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 322
Mean 35.29
RMS 43.32
signal [adc counts]

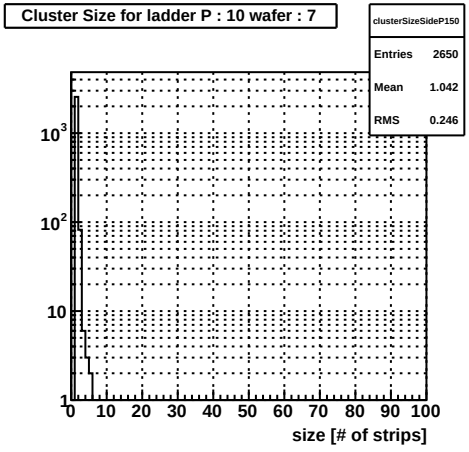

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 3028
Mean 1.051
RMS 0.2584
size [# of strips]

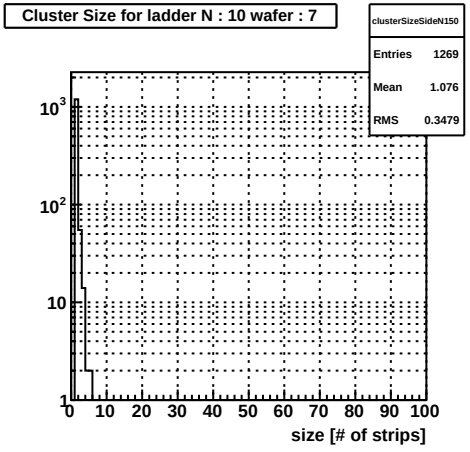

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 943
Mean 1.247
RMS 0.6857
size [# of strips]

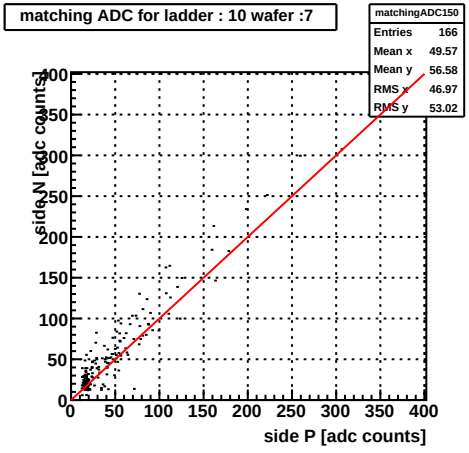

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 207
Mean x 52.66
Mean y 50.6
RMS x 47.61
RMS y 49.26
side N [adc counts]
side P [adc counts]

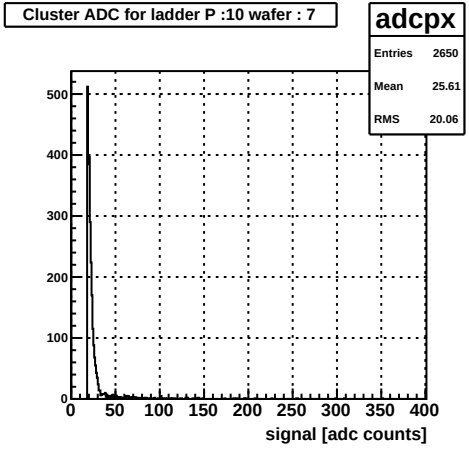

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 3028
Mean 26.92
RMS 20.37
signal [adc counts]

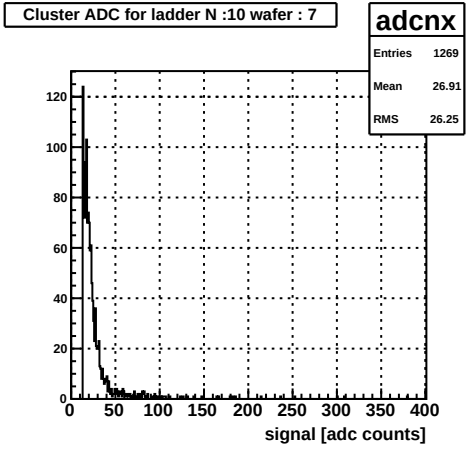

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 943
Mean 30.29
RMS 31.55
signal [adc counts]

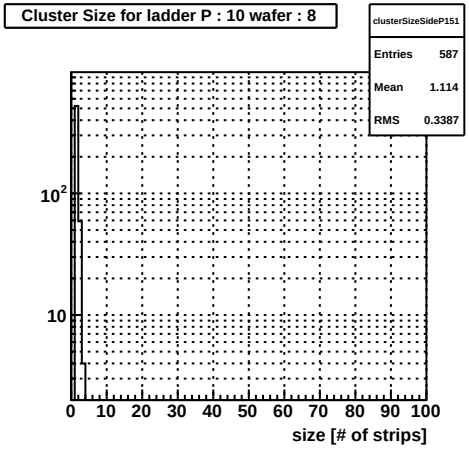

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 2650
Mean 1.042
RMS 0.246
size [# of strips]

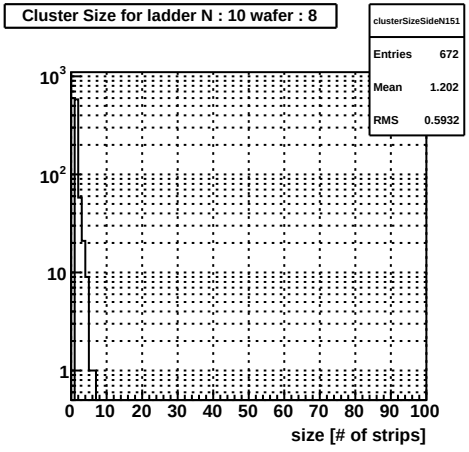

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 1269
Mean 1.076
RMS 0.3479
size [# of strips]

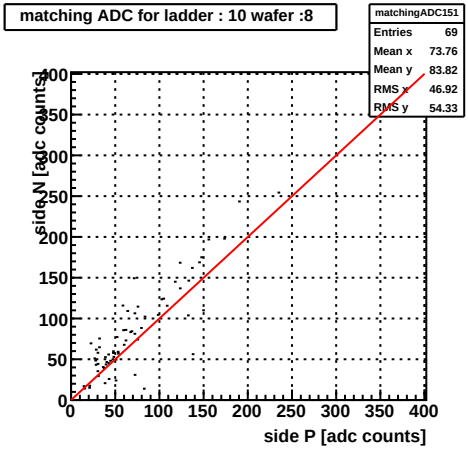

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 166
Mean x 49.57
Mean y 56.58
RMS x 46.97
RMS y 53.02
side N [adc counts]
side P [adc counts]

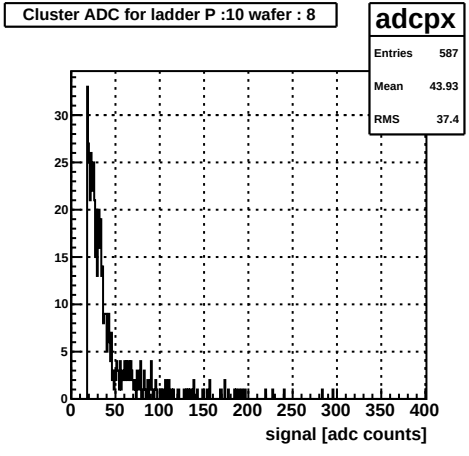

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 2650
Mean 25.61
RMS 20.06
signal [adc counts]

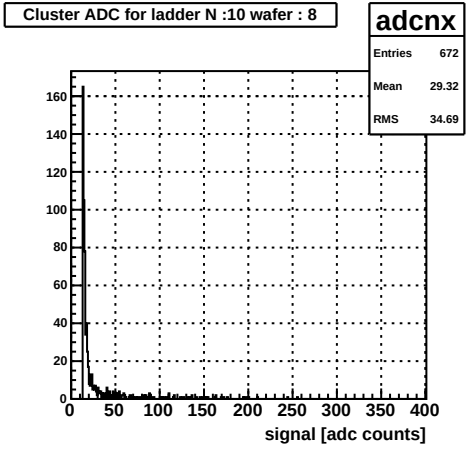

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 1269
Mean 26.91
RMS 26.25
signal [adc counts]

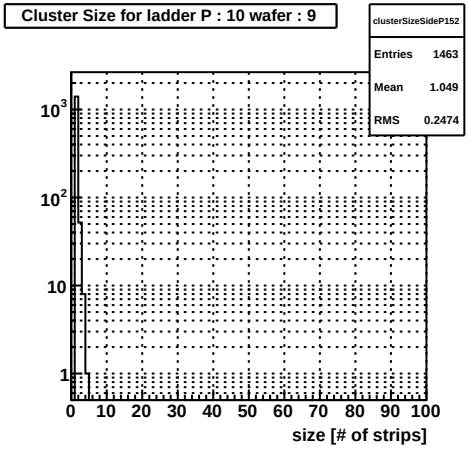

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 587
Mean 1.114
RMS 0.3387
size [# of strips]

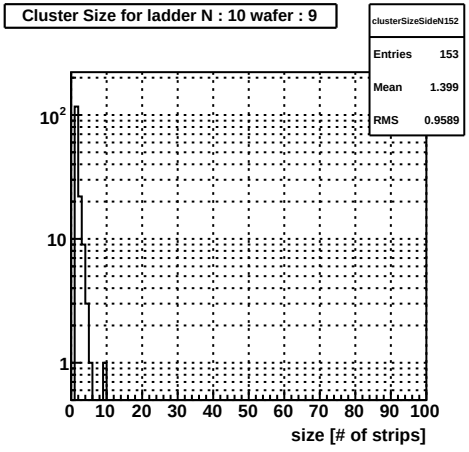

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 672
Mean 1.202
RMS 0.5932
size [# of strips]

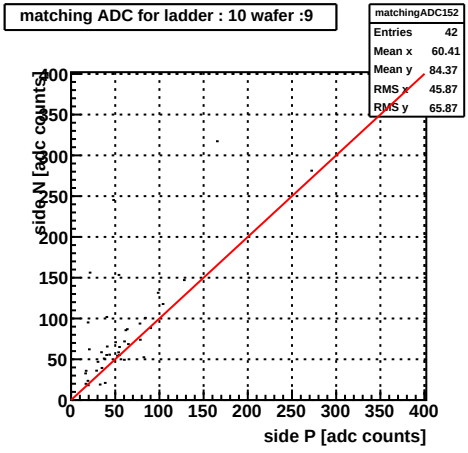

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 69
Mean x 73.76
Mean y 83.82
RMS x 46.92
RMS y 54.33
side N [adc counts]
side P [adc counts]

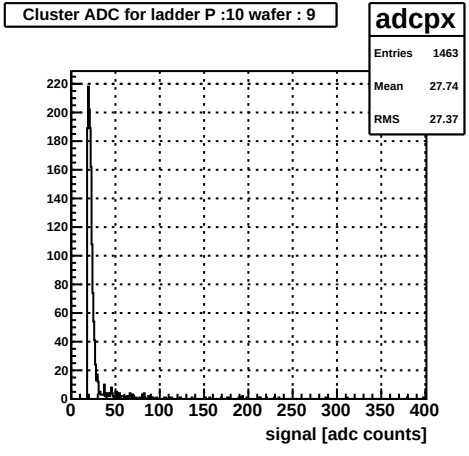

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 587
Mean 43.93
RMS 37.4
signal [adc counts]

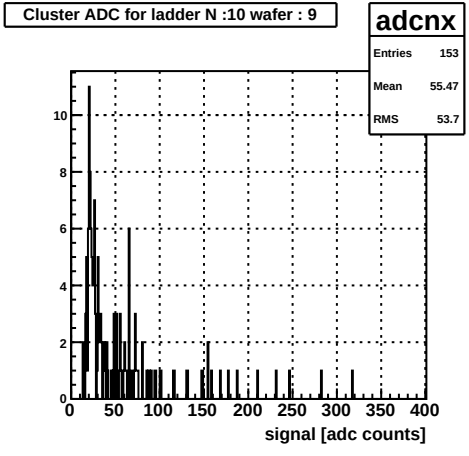

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 672
Mean 29.32
RMS 34.69
signal [adc counts]

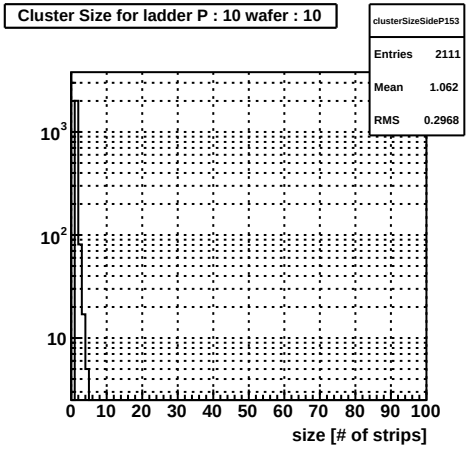

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 1463
Mean 1.049
RMS 0.2474
size [# of strips]

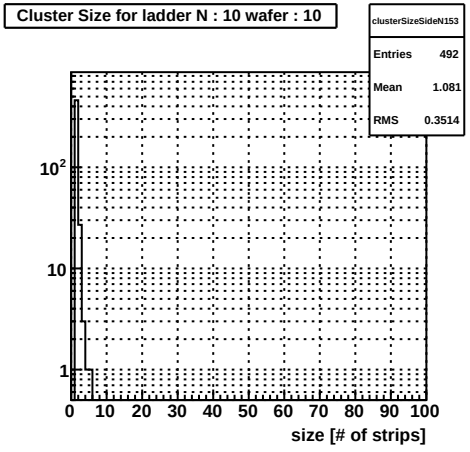

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 153
Mean 1.399
RMS 0.9589
size [# of strips]

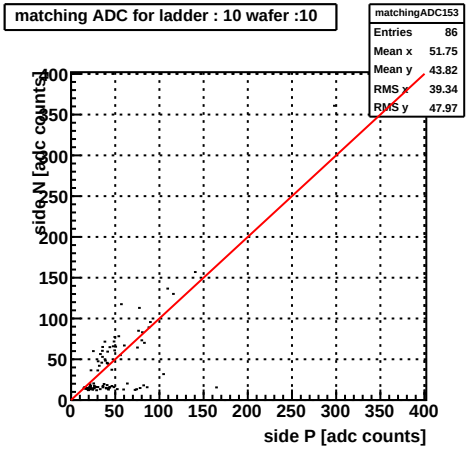

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 42
Mean x 60.41
Mean y 84.37
RMS x 45.87
RMS y 65.87
side N [adc counts]
side P [adc counts]

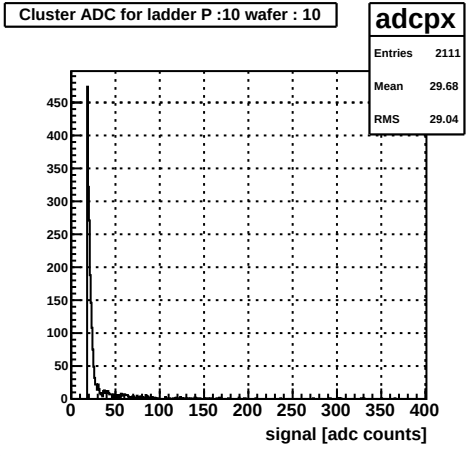

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 1463
Mean 27.74
RMS 27.37
signal [adc counts]

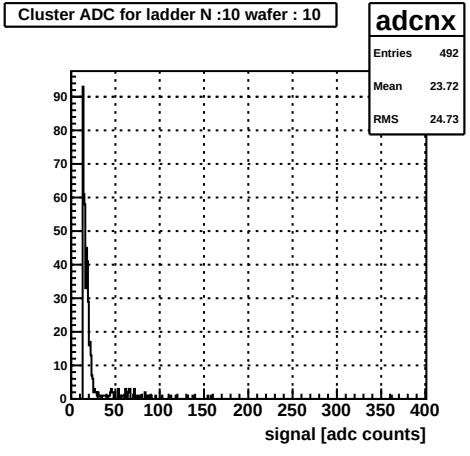

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 153
Mean 55.47
RMS 53.7
signal [adc counts]

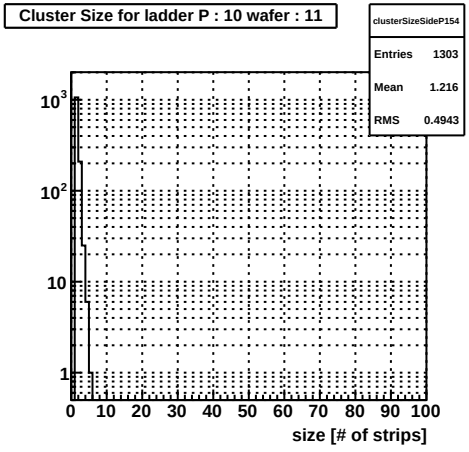

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 2111
Mean 1.062
RMS 0.2968
size [# of strips]

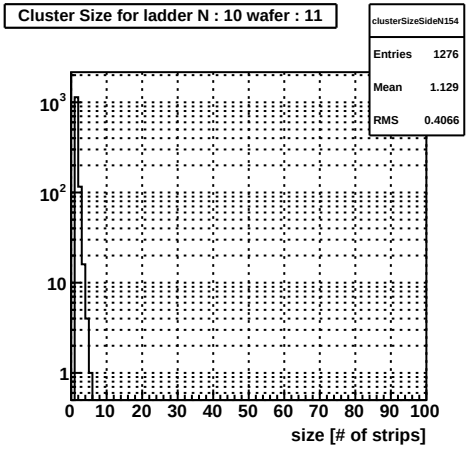

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 492
Mean 1.081
RMS 0.3514
size [# of strips]

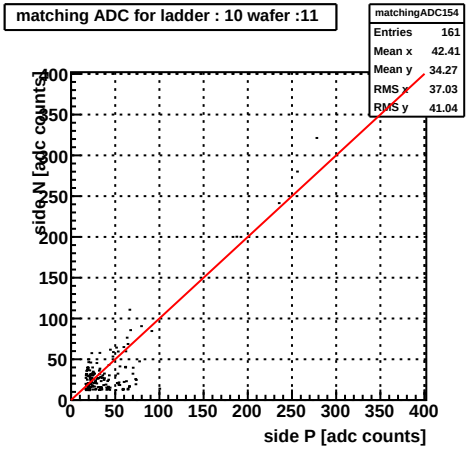

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 86
Mean x 51.75
Mean y 43.82
RMS x 39.34
RMS y 47.97
side N [adc counts]
side P [adc counts]

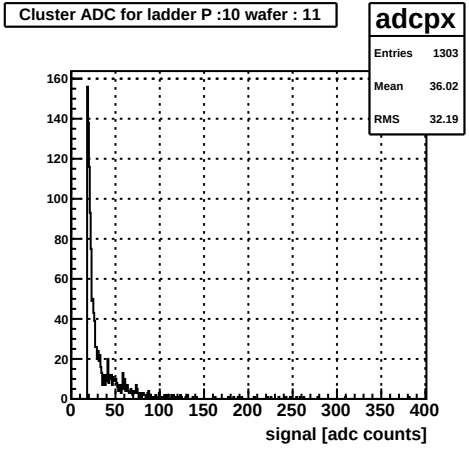

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 2111
Mean 29.68
RMS 29.04
signal [adc counts]

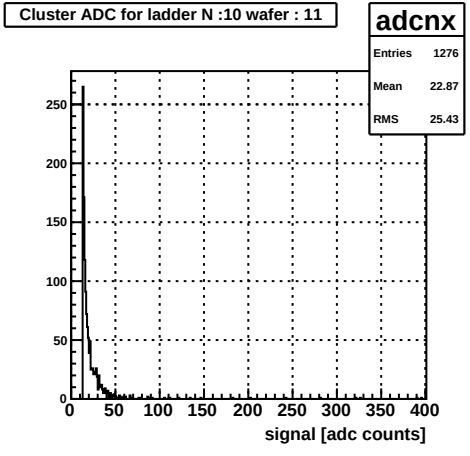

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 492
Mean 23.72
RMS 24.73
signal [adc counts]

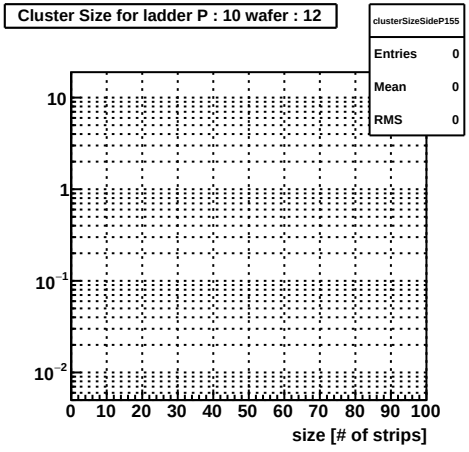

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 1303
Mean 1.216
RMS 0.4943
size [# of strips]

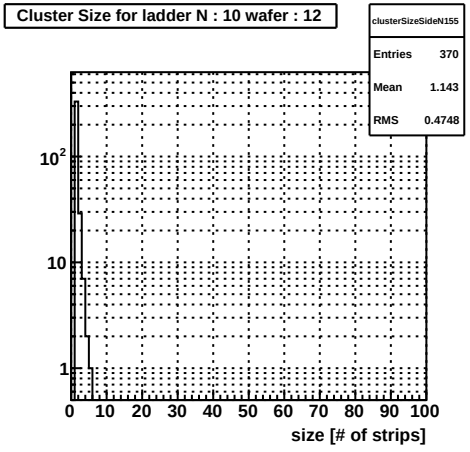

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 1276
Mean 1.129
RMS 0.4066
size [# of strips]

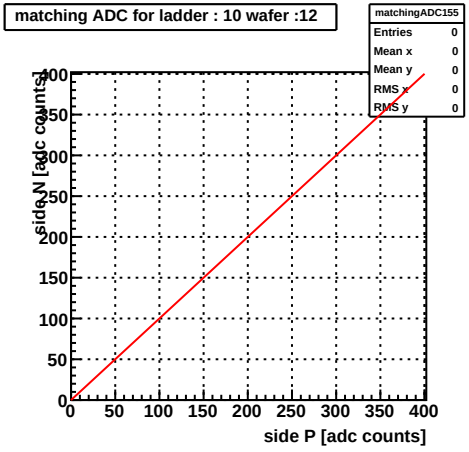

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 161
Mean x 42.41
Mean y 34.27
RMS x 37.03
RMS y 41.04
side N [adc counts]
side P [adc counts]

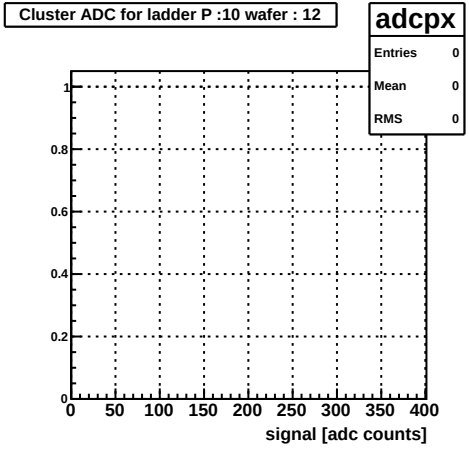

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 1303
Mean 36.02
RMS 32.19
signal [adc counts]

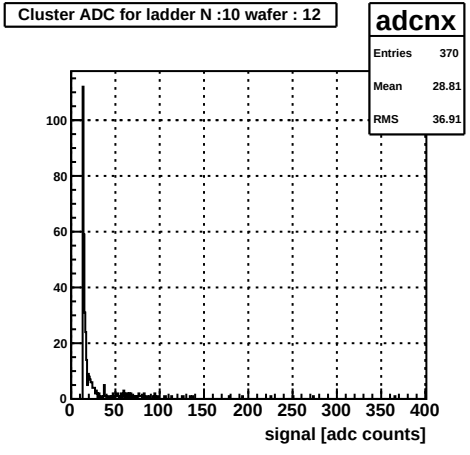

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 1276
Mean 22.87
RMS 25.43
signal [adc counts]

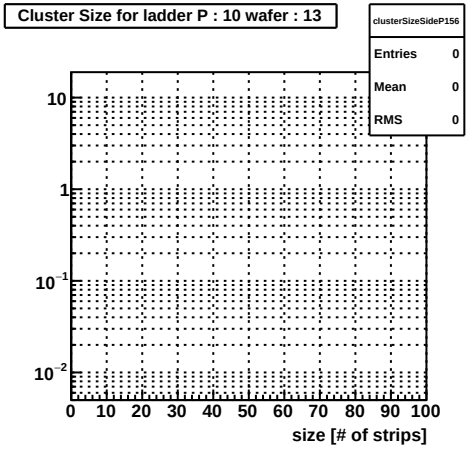

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

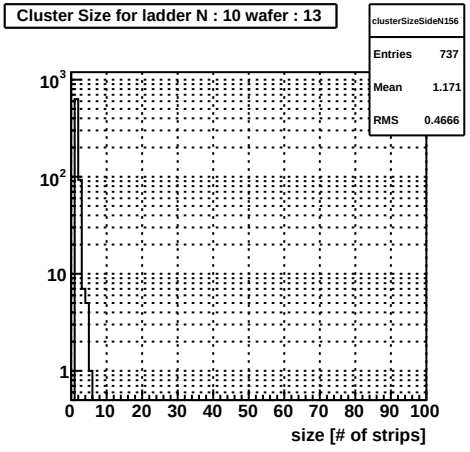

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 370
Mean 1.143
RMS 0.4748
size [# of strips]

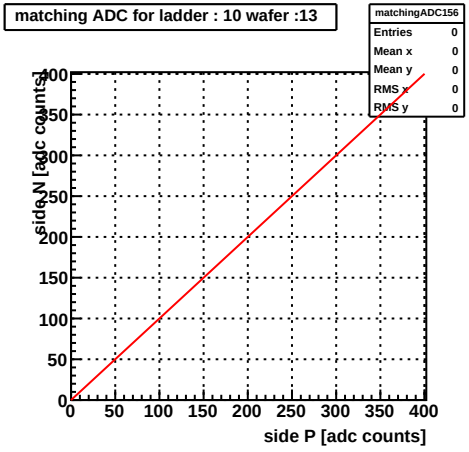

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

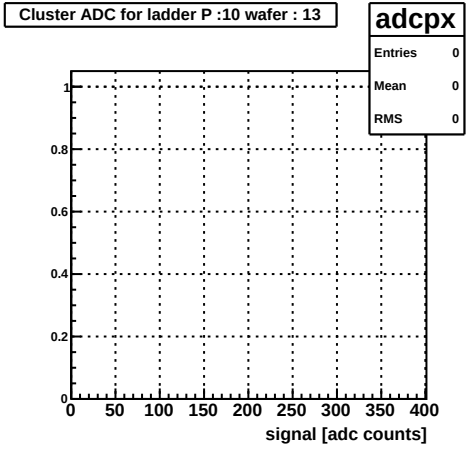

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

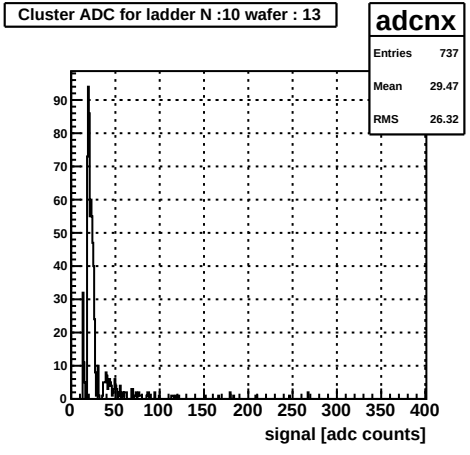

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 370
Mean 28.81
RMS 36.91
signal [adc counts]

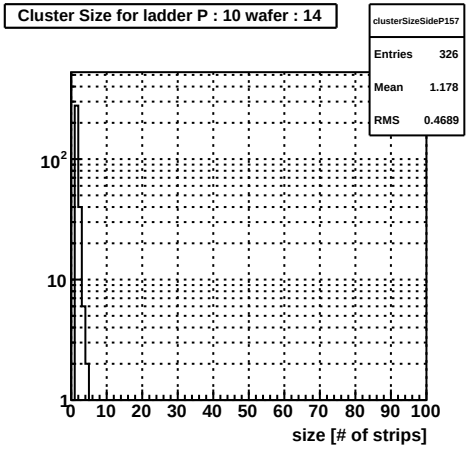

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

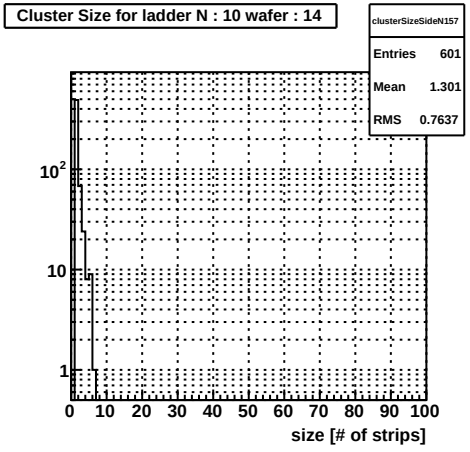

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 737
Mean 1.171
RMS 0.4666
size [# of strips]

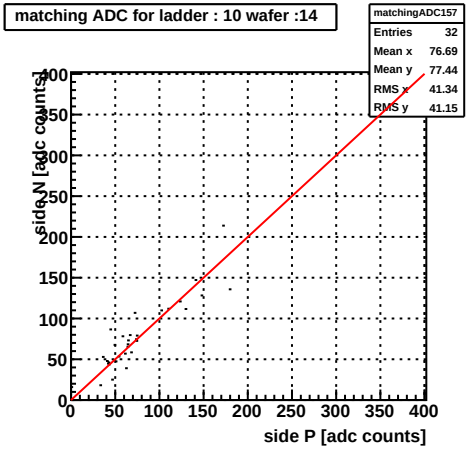

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

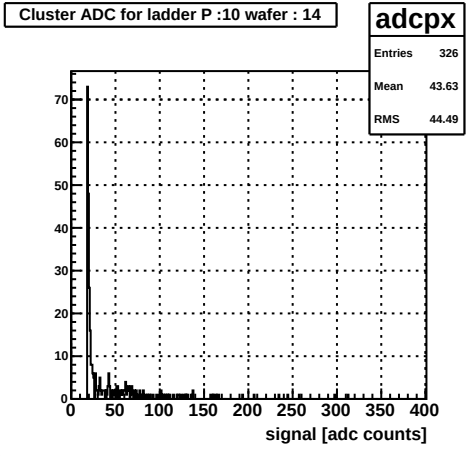

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

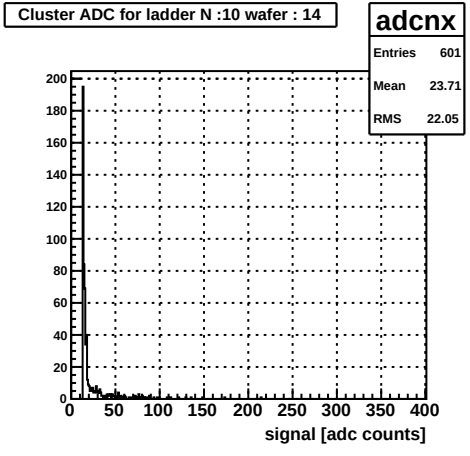

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 737
Mean 29.47
RMS 26.32
signal [adc counts]

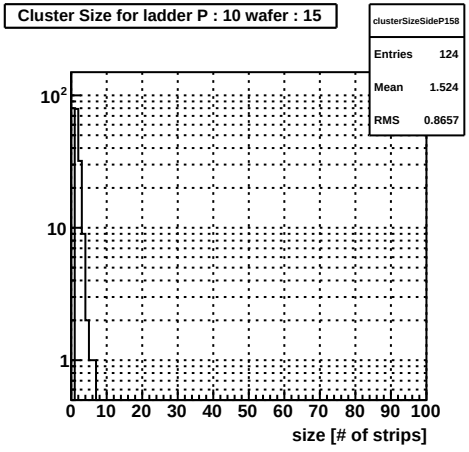

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 326
Mean 1.178
RMS 0.4689
size [# of strips]

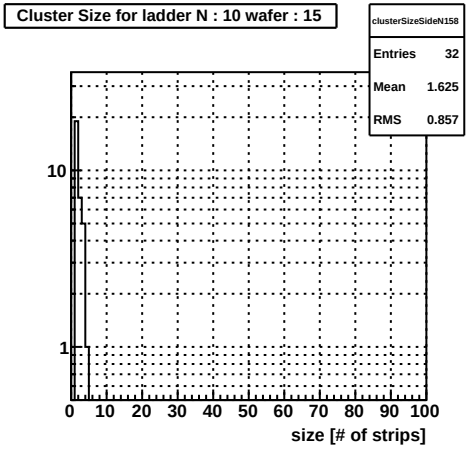

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 601
Mean 1.301
RMS 0.7637
size [# of strips]

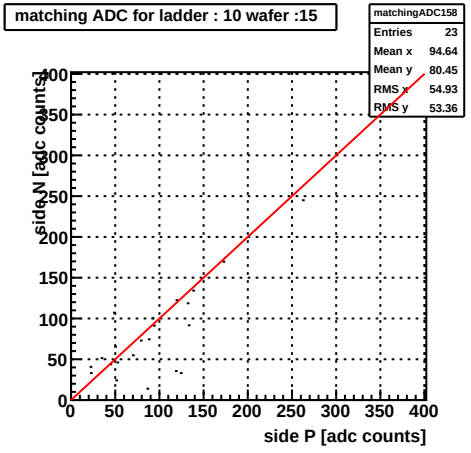

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 32
Mean x 76.69
Mean y 77.44
RMS x 41.34
RMS y 41.15
side N [adc counts]
side P [adc counts]

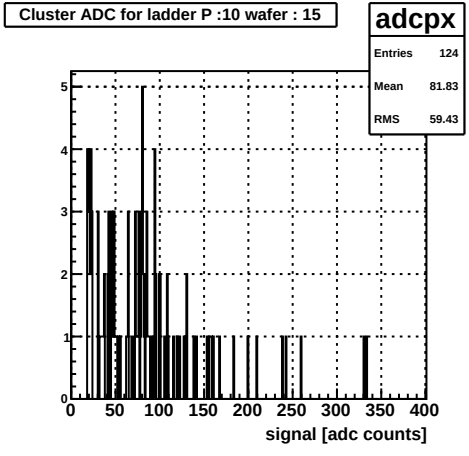

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 326
Mean 43.63
RMS 44.49
signal [adc counts]

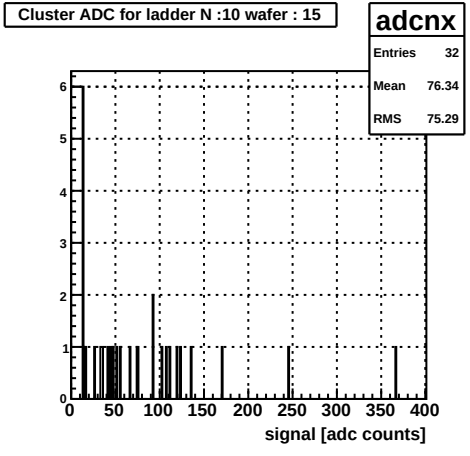

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 601
Mean 23.71
RMS 22.05
signal [adc counts]

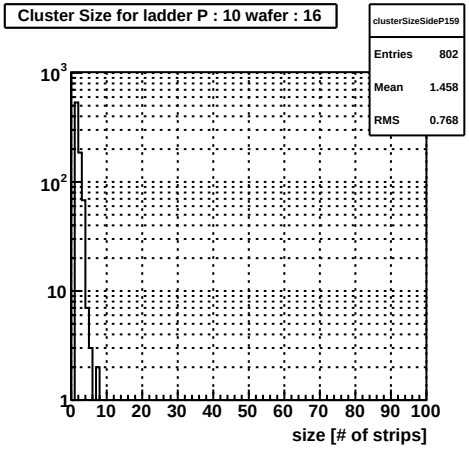

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 124
Mean 1.524
RMS 0.8657
size [# of strips]

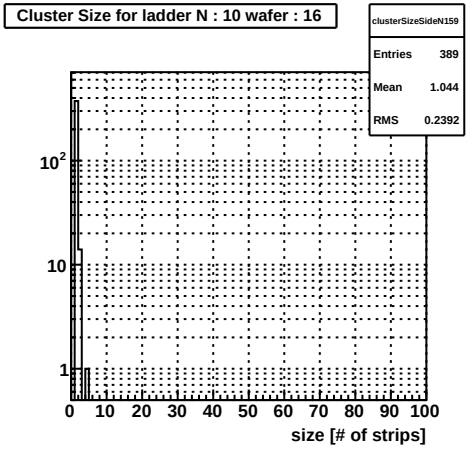

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 32
Mean 1.625
RMS 0.857
size [# of strips]

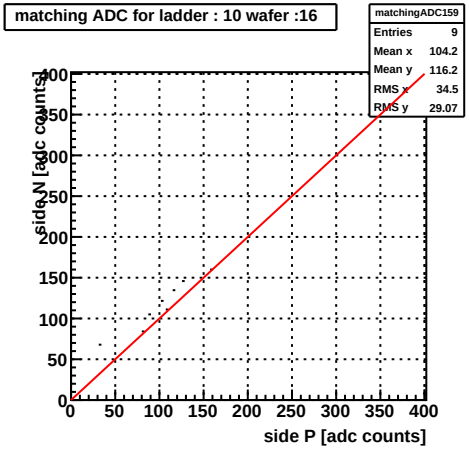

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 23
Mean x 94.64
Mean y 80.45
RMS x 54.93
RMS y 53.36
side N [adc counts]
side P [adc counts]

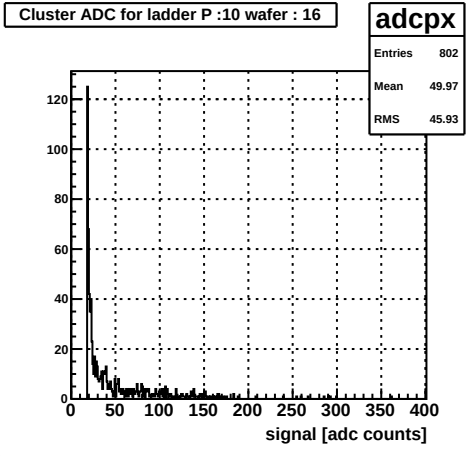

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 124
Mean 81.83
RMS 59.43
signal [adc counts]

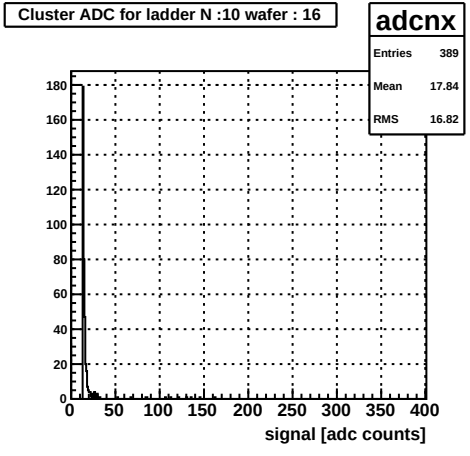

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 32
Mean 76.34
RMS 75.29
signal [adc counts]

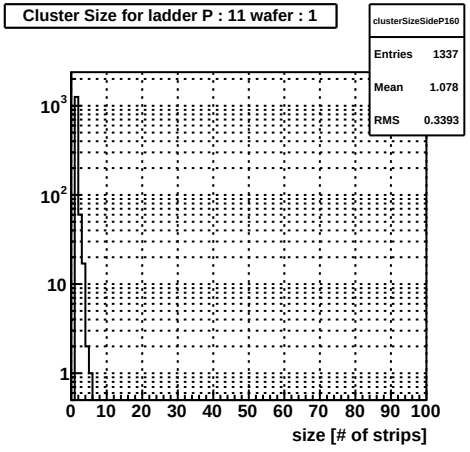

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 802
Mean 1.458
RMS 0.768
size [# of strips]

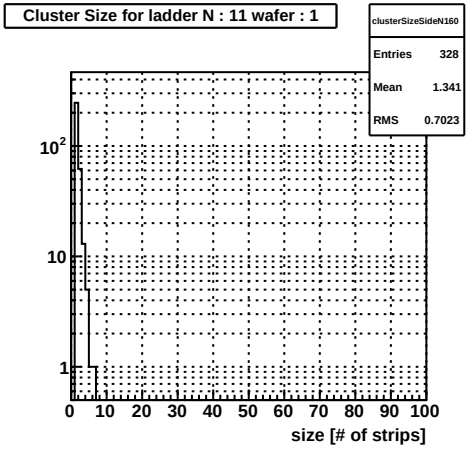

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 389
Mean 1.044
RMS 0.2392
size [# of strips]

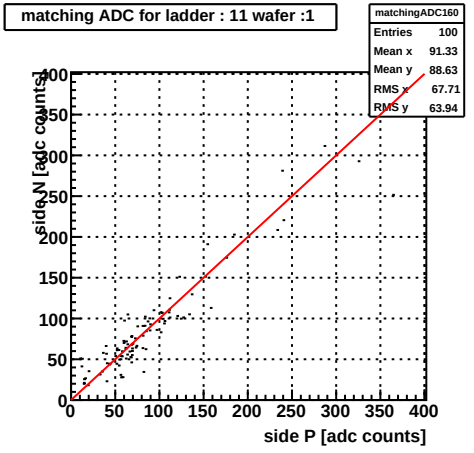

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 9
Mean x 104.2
Mean y 116.2
RMS x 34.5
RMS y 29.07
side N [adc counts]
side P [adc counts]

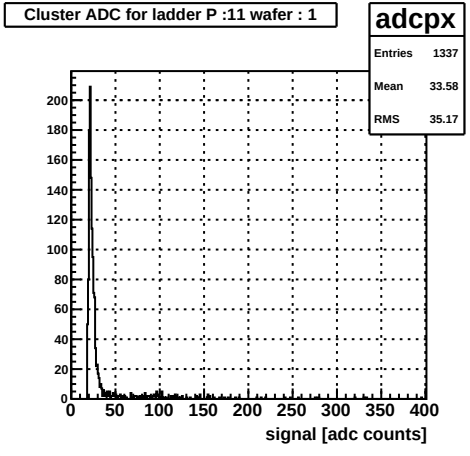

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 802
Mean 49.97
RMS 45.93
signal [adc counts]

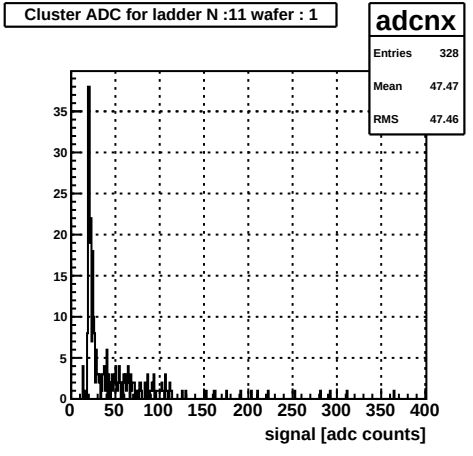

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 389
Mean 17.84
RMS 16.82
signal [adc counts]

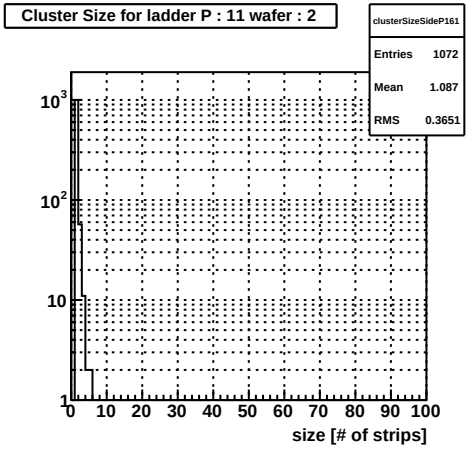

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 1337
Mean 1.078
RMS 0.3393
size [# of strips]

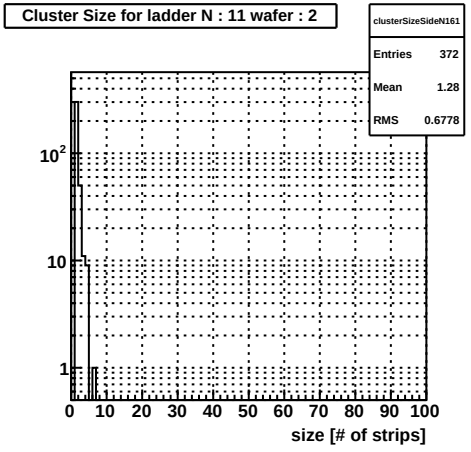

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 328
Mean 1.341
RMS 0.7023
size [# of strips]

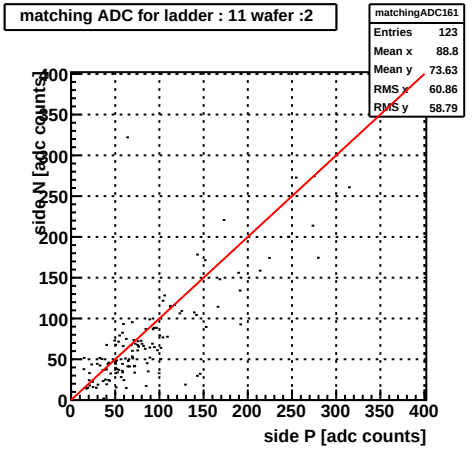

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 100
Mean x 91.33
Mean y 88.63
RMS x 67.71
RMS y 63.94
side N [adc counts]
side P [adc counts]

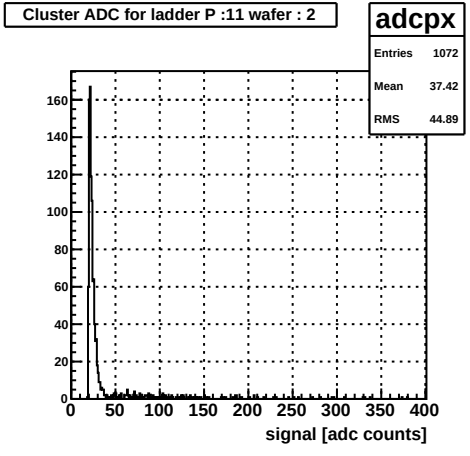

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 1337
Mean 33.58
RMS 35.17
signal [adc counts]

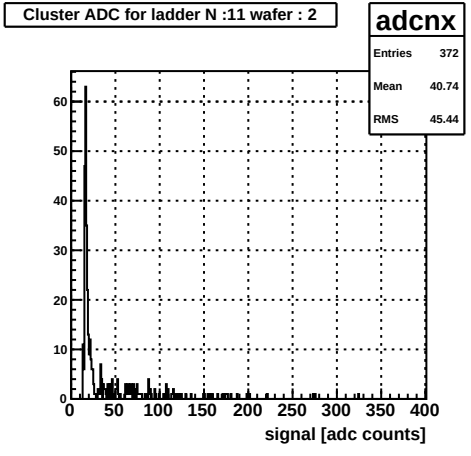

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 328
Mean 47.47
RMS 47.46
signal [adc counts]

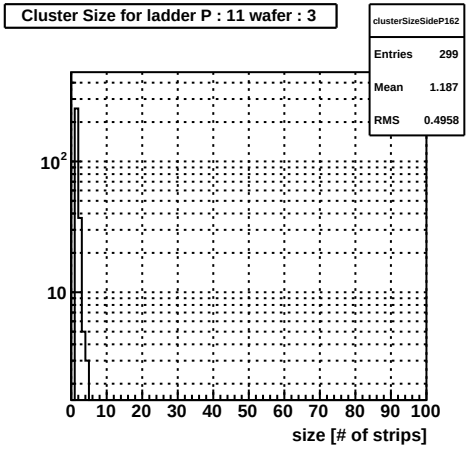

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 1072
Mean 1.087
RMS 0.3651
size [# of strips]

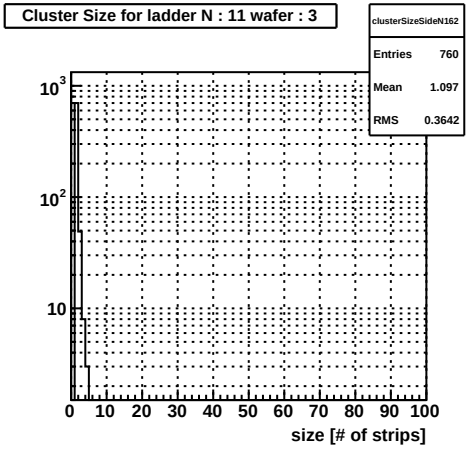

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 372
Mean 1.28
RMS 0.6778
size [# of strips]

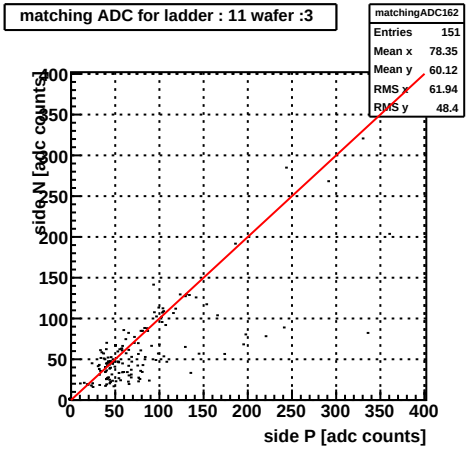

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 123
Mean x 88.8
Mean y 73.63
RMS x 60.86
RMS y 58.79
side N [adc counts]
side P [adc counts]

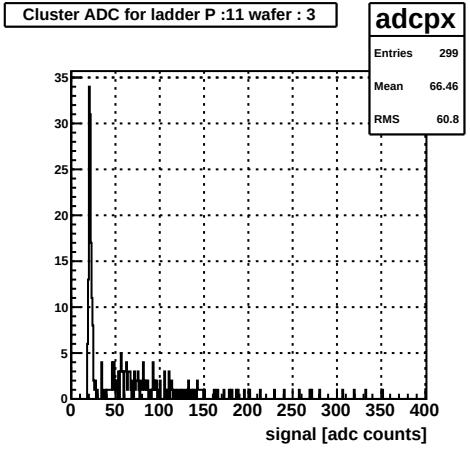

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 1072
Mean 37.42
RMS 44.89
signal [adc counts]

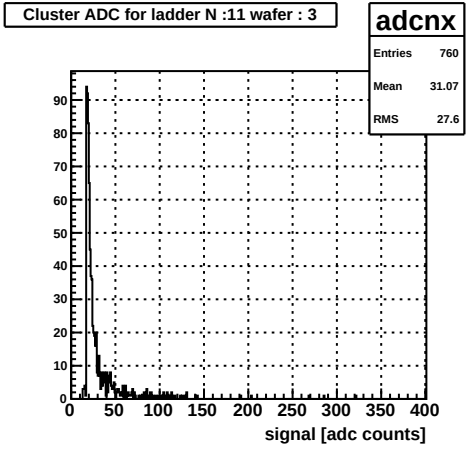

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 372
Mean 40.74
RMS 45.44
signal [adc counts]

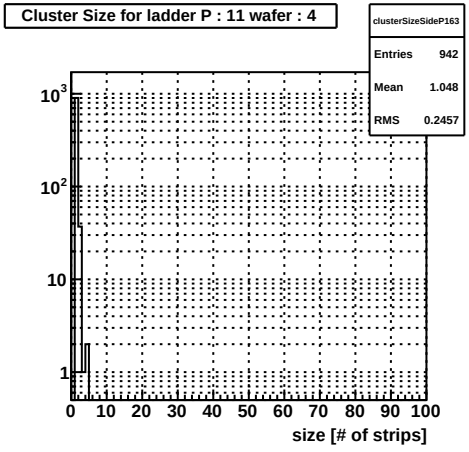

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 299
Mean 1.187
RMS 0.4958
size [# of strips]

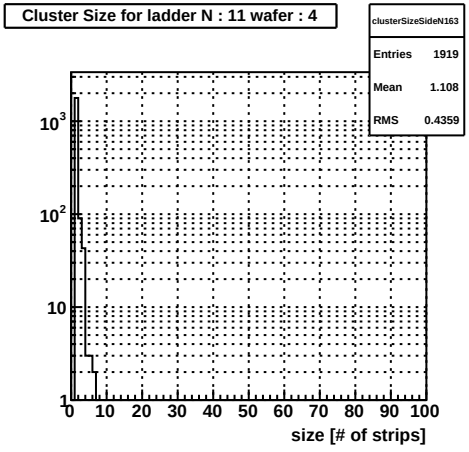

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 760
Mean 1.097
RMS 0.3642
size [# of strips]

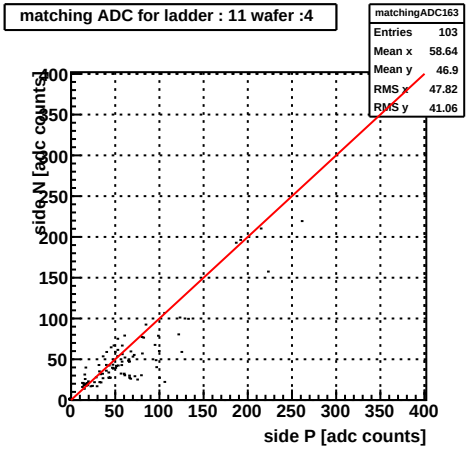

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 151
Mean x 78.35
Mean y 60.12
RMS x 61.94
RMS y 48.4
side N [adc counts]
side P [adc counts]

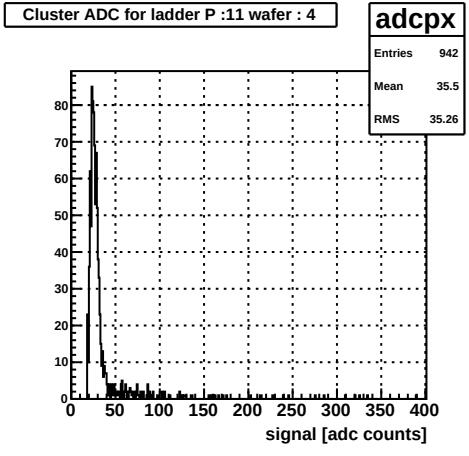

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 299
Mean 66.46
RMS 60.8
signal [adc counts]

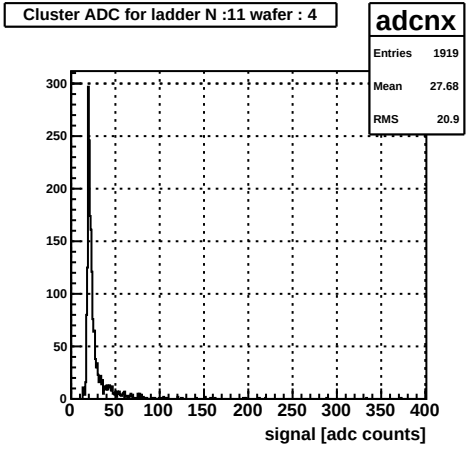

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 760
Mean 31.07
RMS 27.6
signal [adc counts]

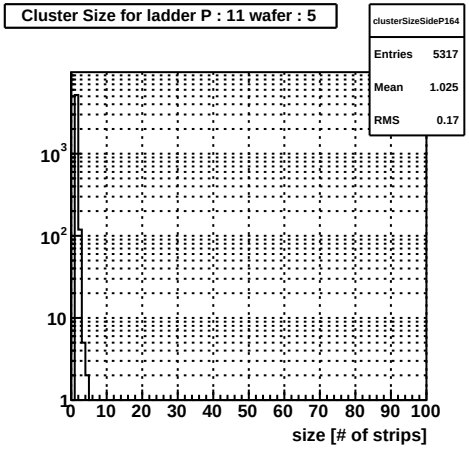

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 942
Mean 1.048
RMS 0.2457
size [# of strips]

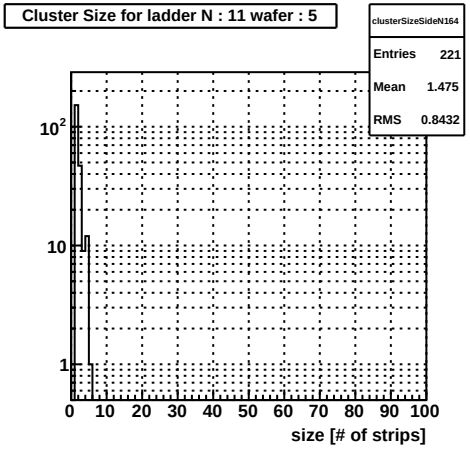

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 1919
Mean 1.108
RMS 0.4359
size [# of strips]

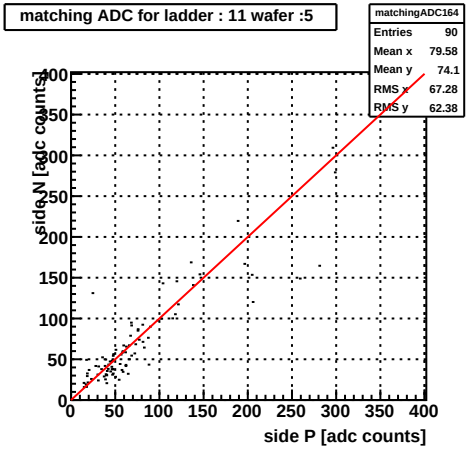

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 103
Mean x 58.64
Mean y 46.9
RMS x 47.82
RMS y 41.06
side N [adc counts]
side P [adc counts]

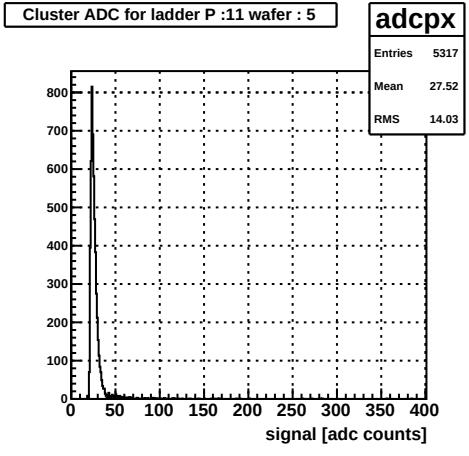

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 942
Mean 35.5
RMS 35.26
signal [adc counts]

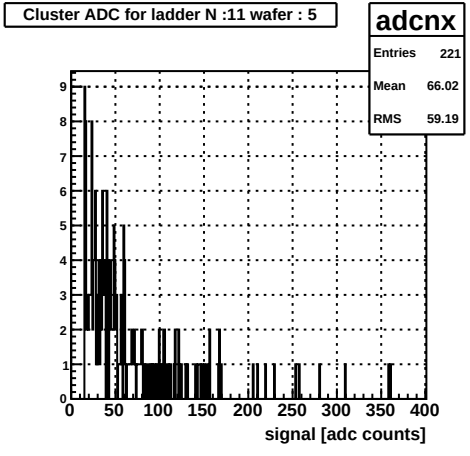

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 1919
Mean 27.68
RMS 20.9
signal [adc counts]

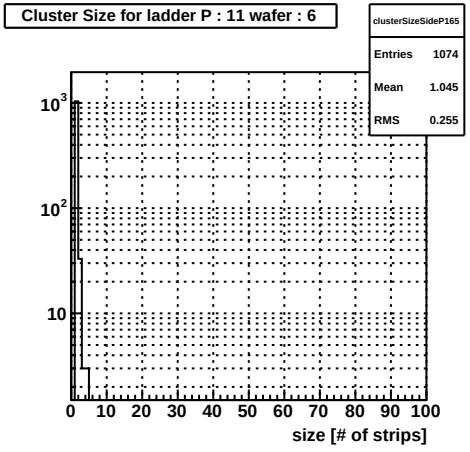

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 5317
Mean 1.025
RMS 0.17
size [# of strips]

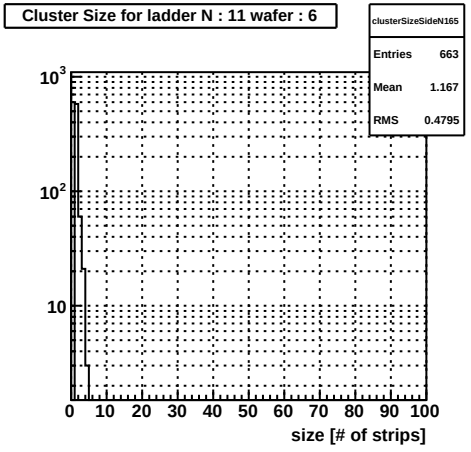

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 221
Mean 1.475
RMS 0.8432
size [# of strips]

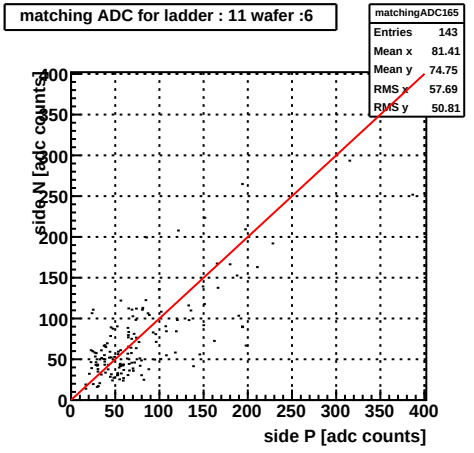

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 90
Mean x 79.58
Mean y 74.1
RMS x 67.28
RMS y 62.38
side N [adc counts]
side P [adc counts]

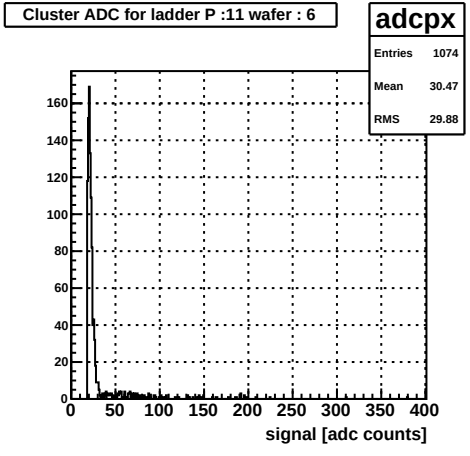

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 5317
Mean 27.52
RMS 14.03
signal [adc counts]

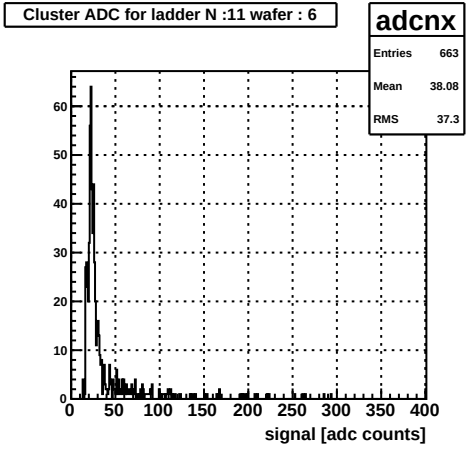

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 221
Mean 66.02
RMS 59.19
signal [adc counts]

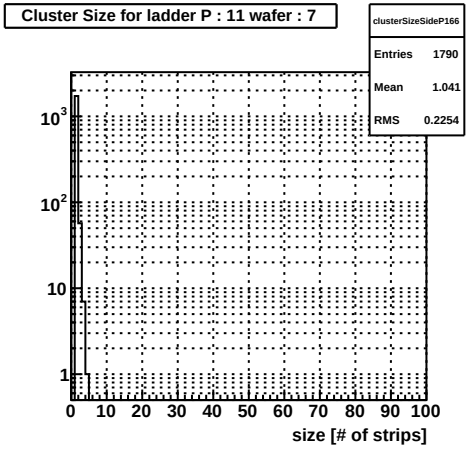

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 1074
Mean 1.045
RMS 0.255
size [# of strips]

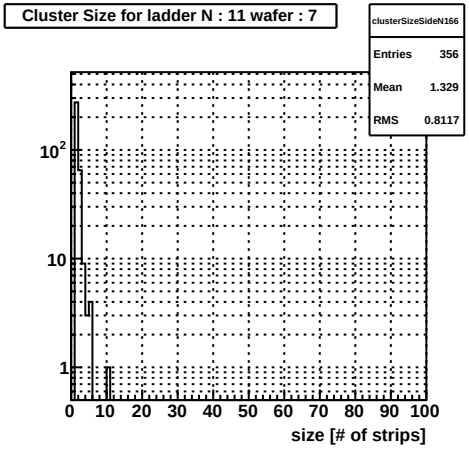

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 663
Mean 1.167
RMS 0.4795
size [# of strips]

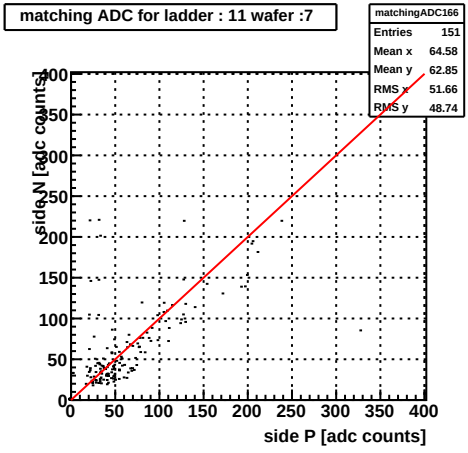

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 143
Mean x 81.41
Mean y 74.75
RMS x 57.69
RMS y 50.81
side N [adc counts]
side P [adc counts]

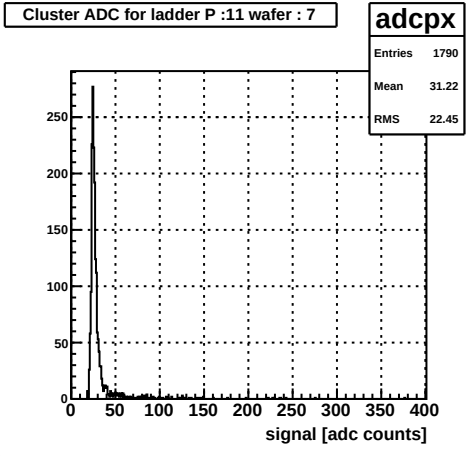

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 1074
Mean 30.47
RMS 29.88
signal [adc counts]

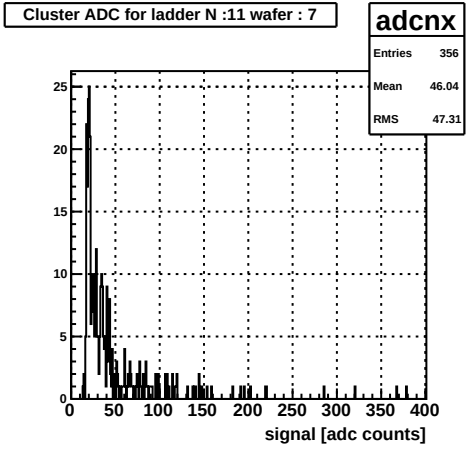

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 663
Mean 38.08
RMS 37.3
signal [adc counts]

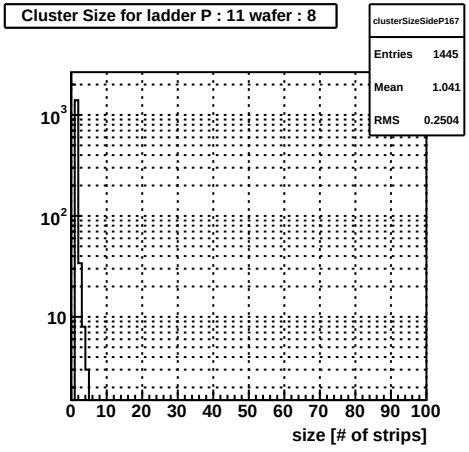

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 1790
Mean 1.041
RMS 0.2254
size [# of strips]

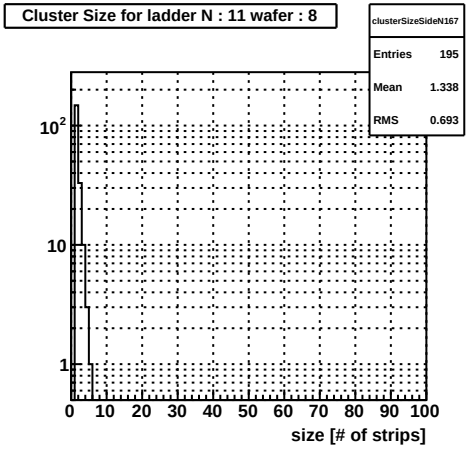

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 356
Mean 1.329
RMS 0.8117
size [# of strips]

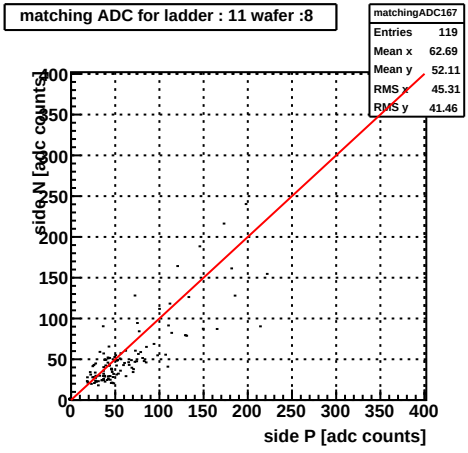

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 151
Mean x 64.58
Mean y 62.85
RMS x 51.66
RMS y 48.74
side N [adc counts]
side P [adc counts]

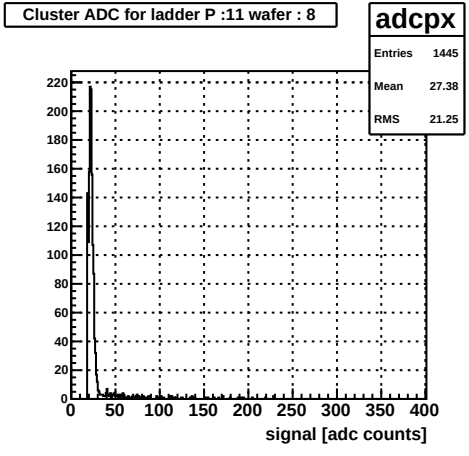

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 1790
Mean 31.22
RMS 22.45
signal [adc counts]

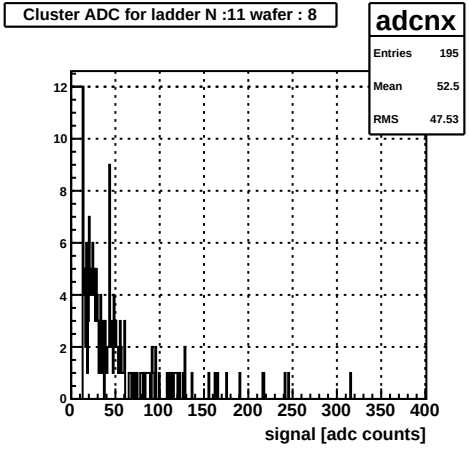

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 356
Mean 46.04
RMS 47.31
signal [adc counts]

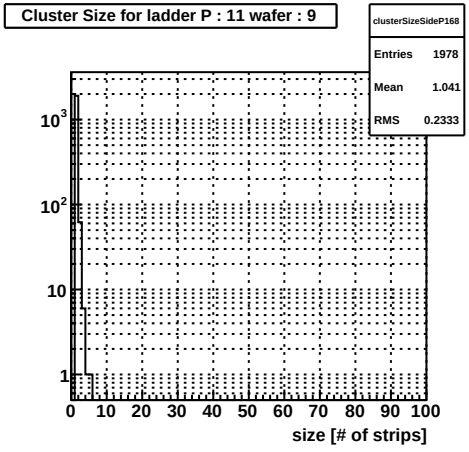

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 1445
Mean 1.041
RMS 0.2504
size [# of strips]

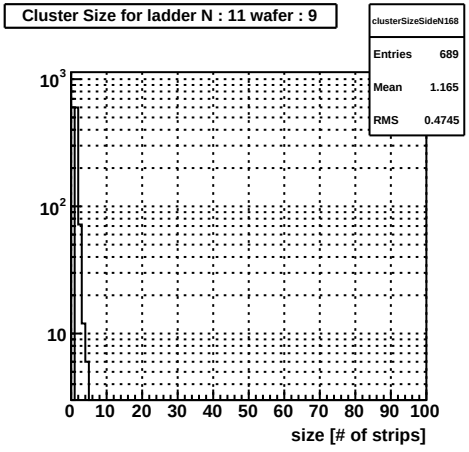

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 195
Mean 1.338
RMS 0.693
size [# of strips]

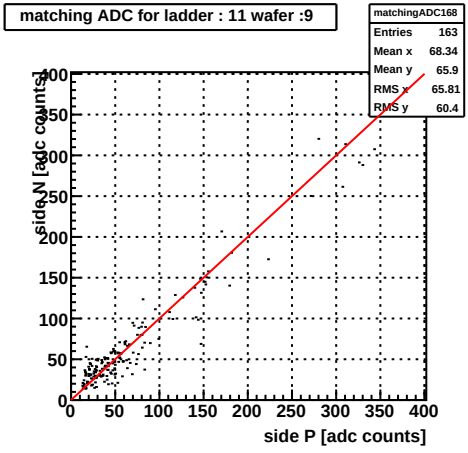

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 119
Mean x 62.69
Mean y 52.11
RMS x 45.31
RMS y 41.46
side N [adc counts]
side P [adc counts]

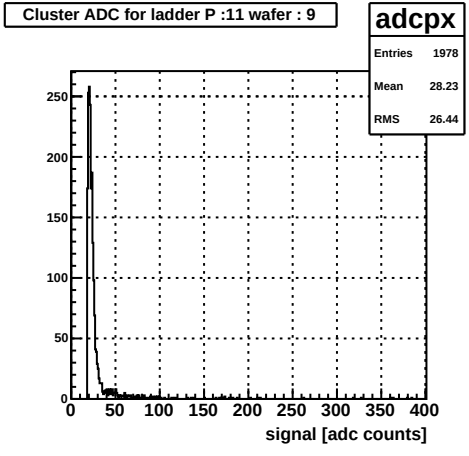

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 1445
Mean 27.38
RMS 21.25
signal [adc counts]

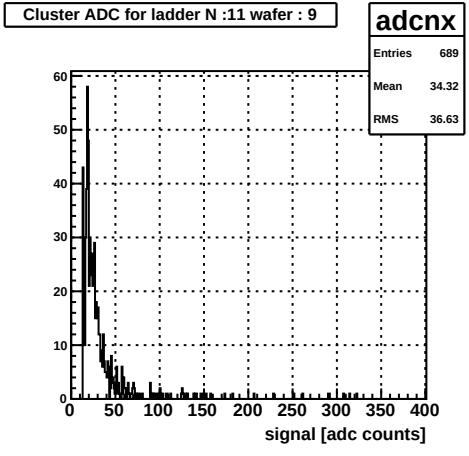

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 195
Mean 52.5
RMS 47.53
signal [adc counts]

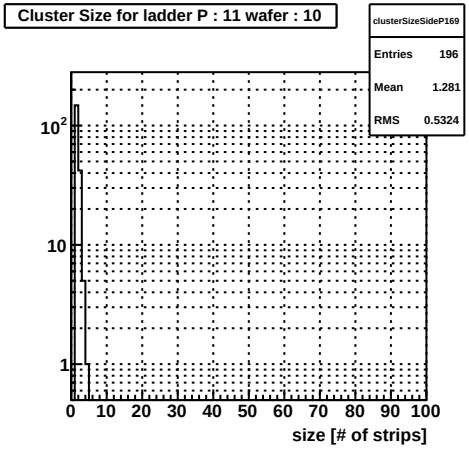

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 1978
Mean 1.041
RMS 0.2333
size [# of strips]

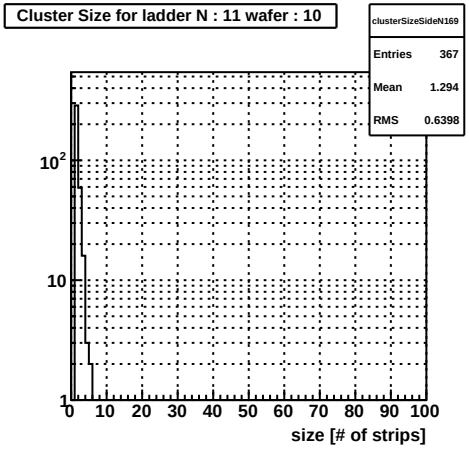

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 689
Mean 1.165
RMS 0.4745
size [# of strips]

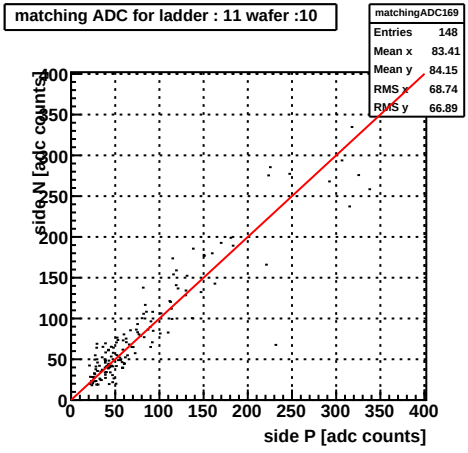

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 163
Mean x 68.34
Mean y 65.9
RMS x 65.81
RMS y 60.4
side N [adc counts]
side P [adc counts]

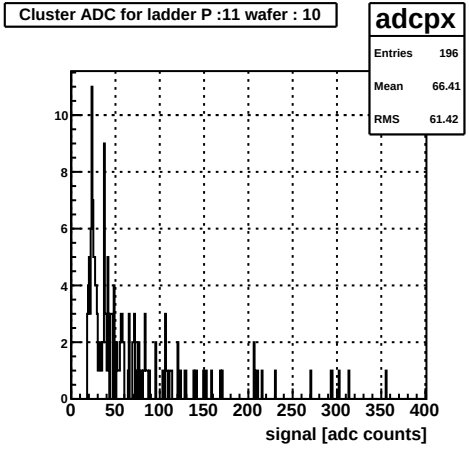

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 1978
Mean 28.23
RMS 26.44
signal [adc counts]

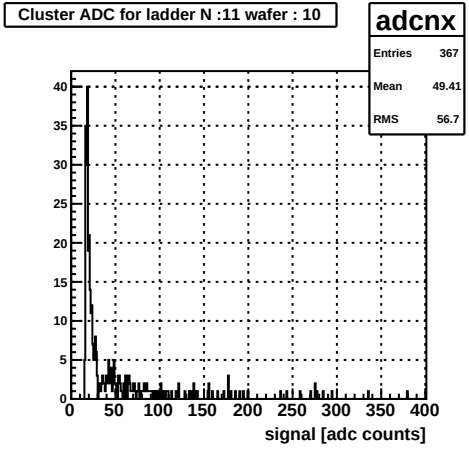

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 689
Mean 34.32
RMS 36.63
signal [adc counts]

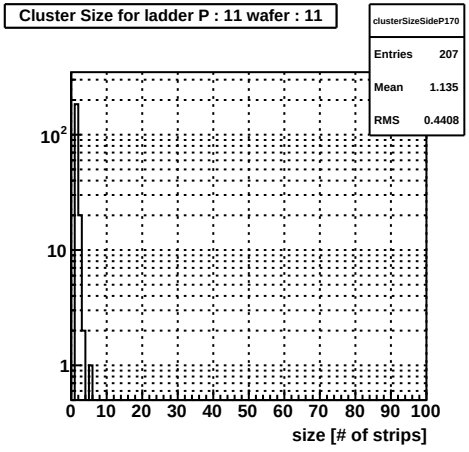

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 196
Mean 1.281
RMS 0.5324
size [# of strips]

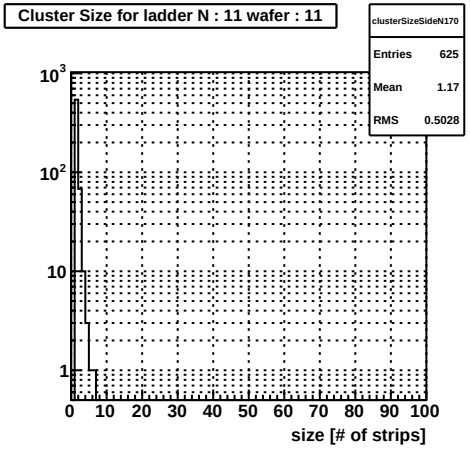

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 367
Mean 1.294
RMS 0.6398
size [# of strips]

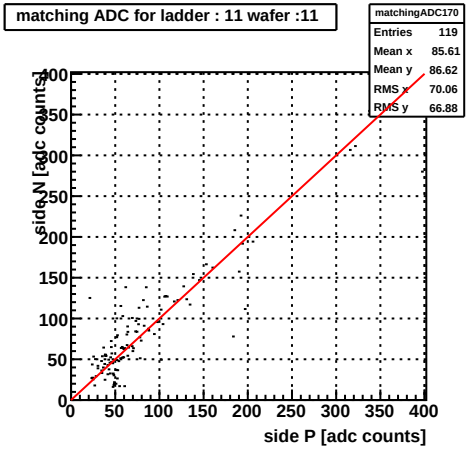

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 148
Mean x 83.41
Mean y 84.15
RMS x 68.74
RMS y 66.89
side N [adc counts]
side P [adc counts]

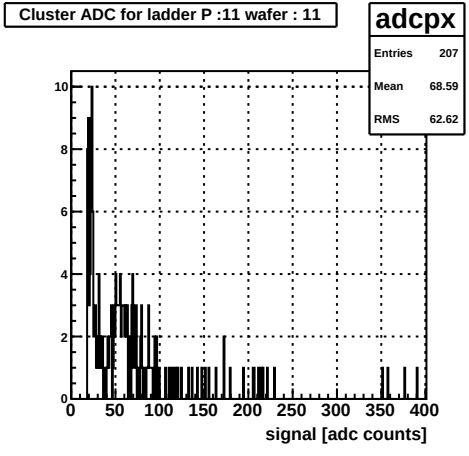

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 196
Mean 66.41
RMS 61.42
signal [adc counts]

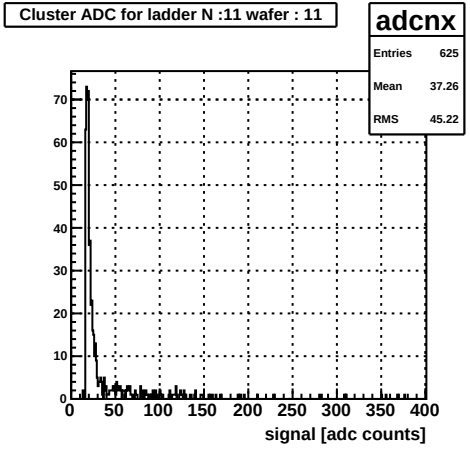

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 367
Mean 49.41
RMS 56.7
signal [adc counts]

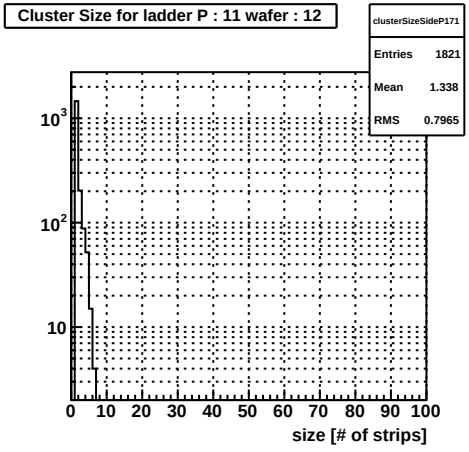

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 207
Mean 1.135
RMS 0.4408
size [# of strips]

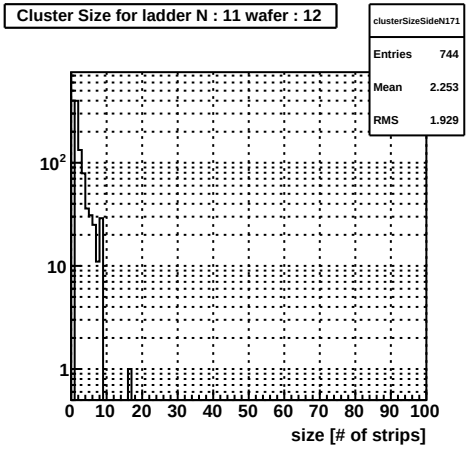

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 625
Mean 1.17
RMS 0.5028
size [# of strips]

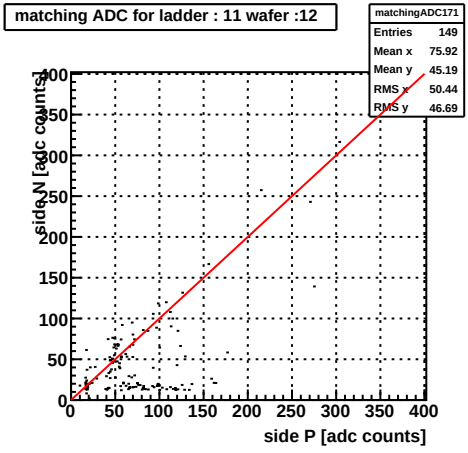

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 119
Mean x 85.61
Mean y 86.62
RMS x 70.06
RMS y 66.88
side N [adc counts]
side P [adc counts]

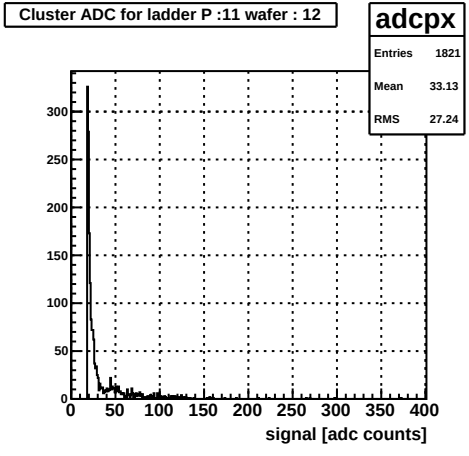

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 207
Mean 68.59
RMS 62.62
signal [adc counts]

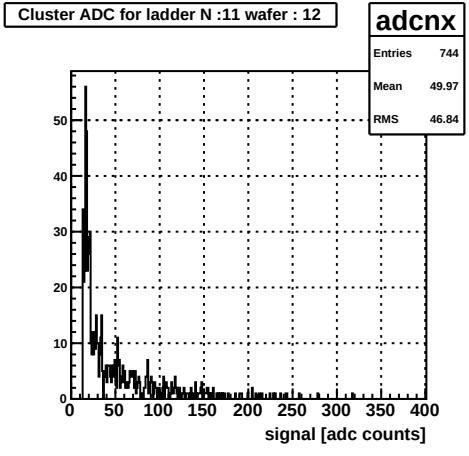

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 625
Mean 37.26
RMS 45.22
signal [adc counts]

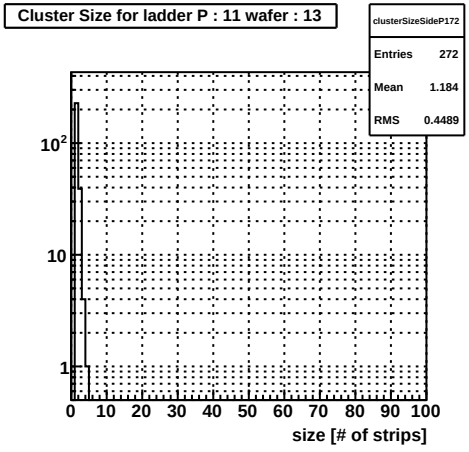

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 1821
Mean 1.338
RMS 0.7965
size [# of strips]

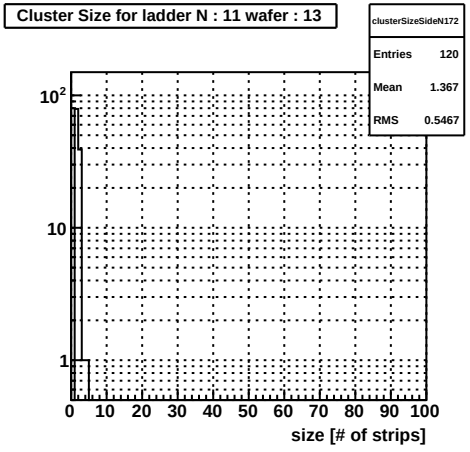

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 744
Mean 2.253
RMS 1.929
size [# of strips]

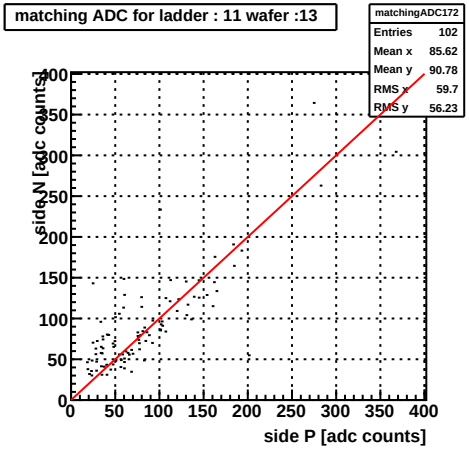

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 149
Mean x 75.92
Mean y 45.19
RMS x 50.44
RMS y 46.69
side N [adc counts]
side P [adc counts]

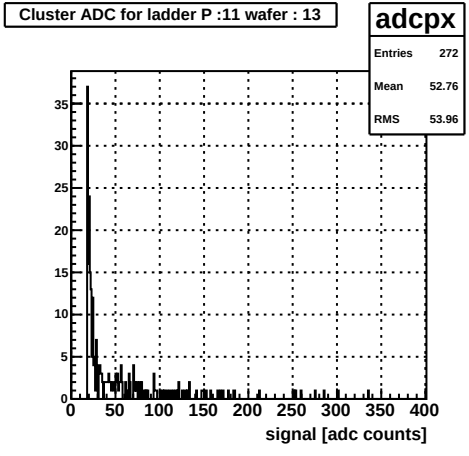

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 1821
Mean 33.13
RMS 27.24
signal [adc counts]

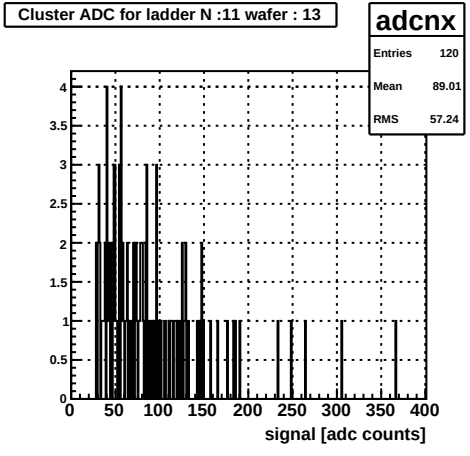

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 744
Mean 49.97
RMS 46.84
signal [adc counts]

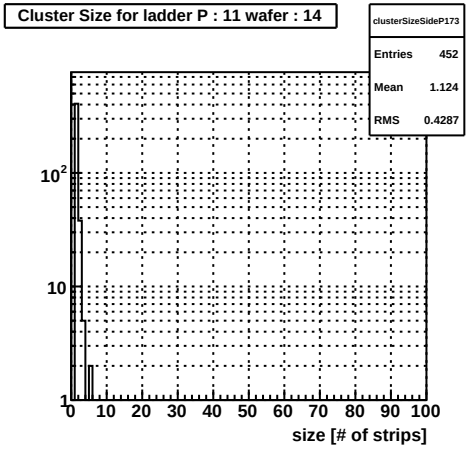

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 272
Mean 1.184
RMS 0.4489
size [# of strips]

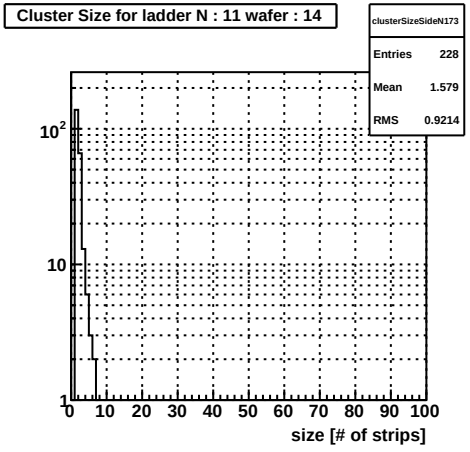

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 120
Mean 1.367
RMS 0.5467
size [# of strips]

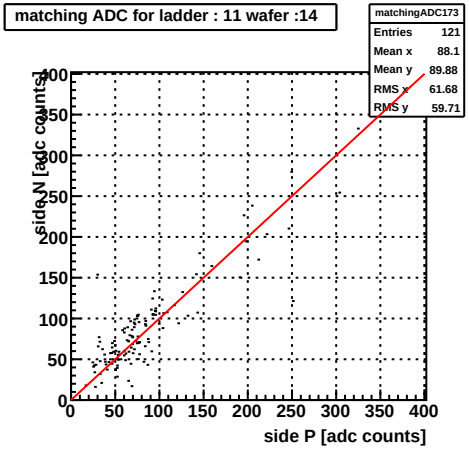

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 102
Mean x 85.62
Mean y 90.78
RMS x 59.7
RMS y 56.23
side N [adc counts]
side P [adc counts]

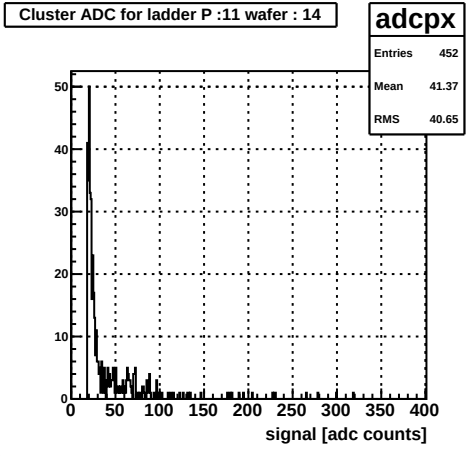

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 272
Mean 52.76
RMS 53.96
signal [adc counts]

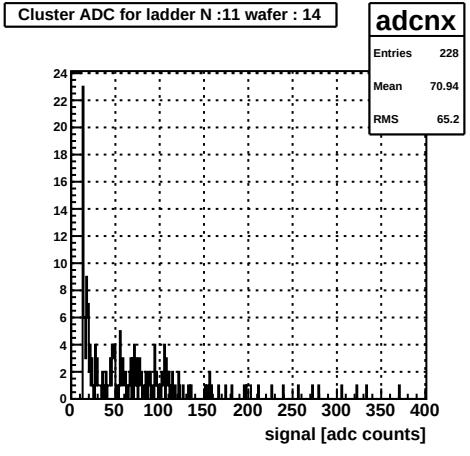

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 120
Mean 89.01
RMS 57.24
signal [adc counts]

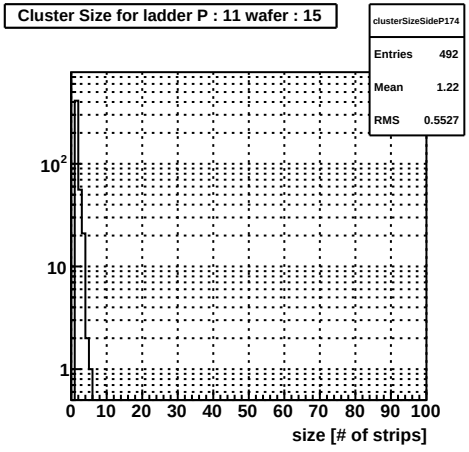

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 452
Mean 1.124
RMS 0.4287
size [# of strips]

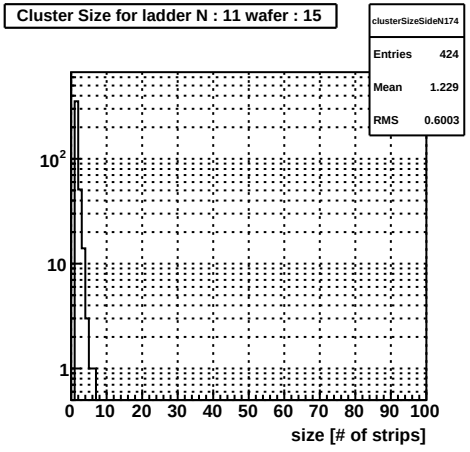

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 228
Mean 1.579
RMS 0.9214
size [# of strips]

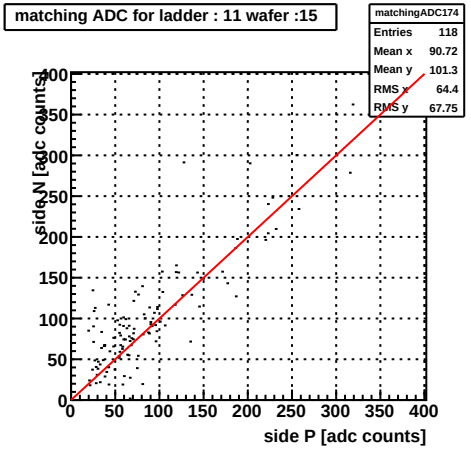

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 121
Mean x 88.1
Mean y 89.88
RMS x 61.68
RMS y 59.71
side N [adc counts]
side P [adc counts]

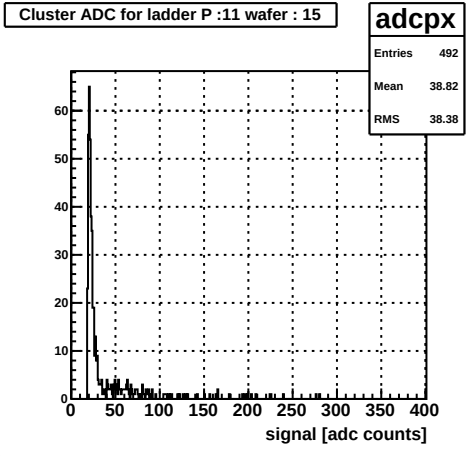

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 452
Mean 41.37
RMS 40.65
signal [adc counts]

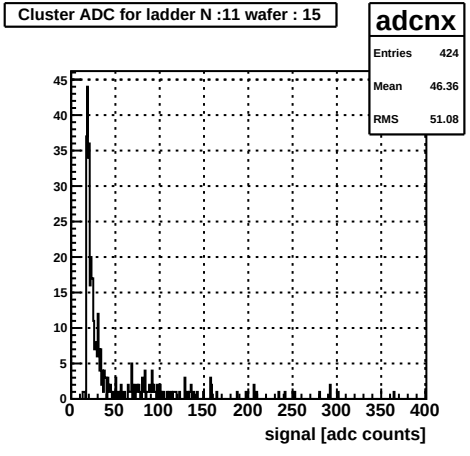

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 228
Mean 70.94
RMS 65.2
signal [adc counts]

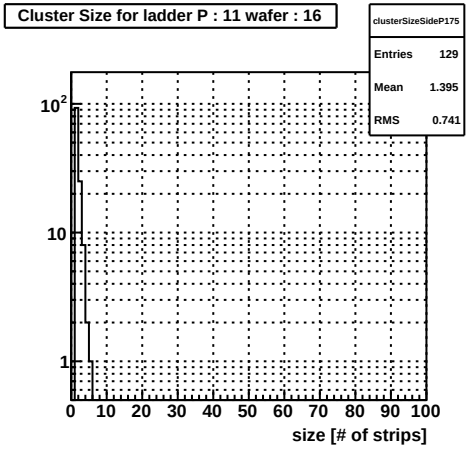

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 492
Mean 1.22
RMS 0.5527
size [# of strips]

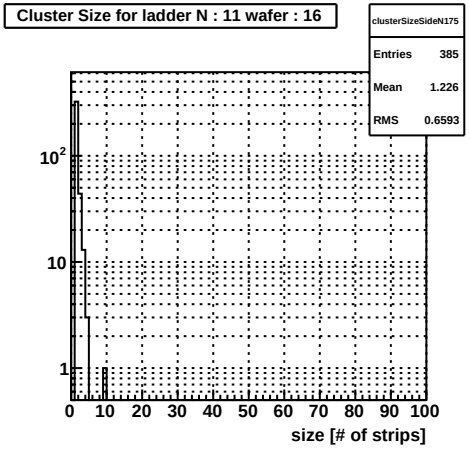

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 424
Mean 1.229
RMS 0.6003
size [# of strips]

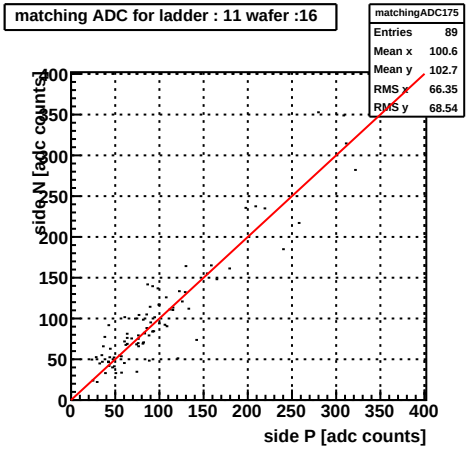

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 118
Mean x 90.72
Mean y 101.3
RMS x 64.4
RMS y 67.75
side N [adc counts]
side P [adc counts]

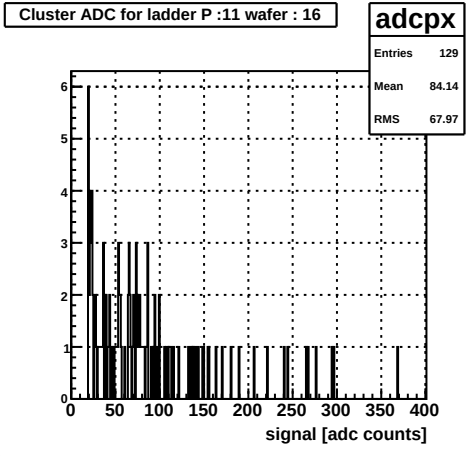

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 492
Mean 38.82
RMS 38.38
signal [adc counts]

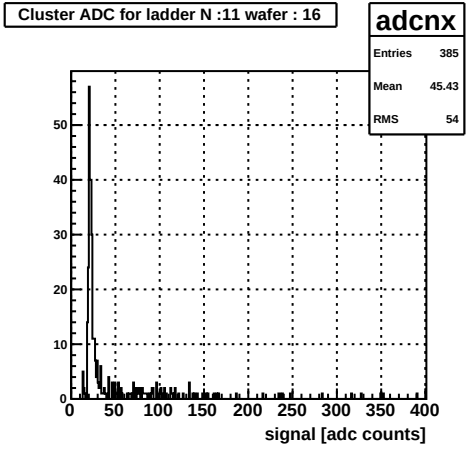

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 424
Mean 46.36
RMS 51.08
signal [adc counts]

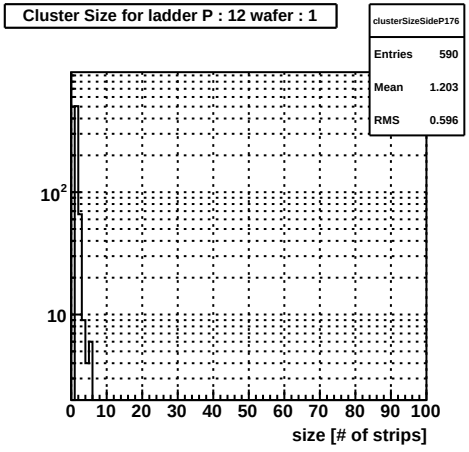

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 129
Mean 1.395
RMS 0.741
size [# of strips]

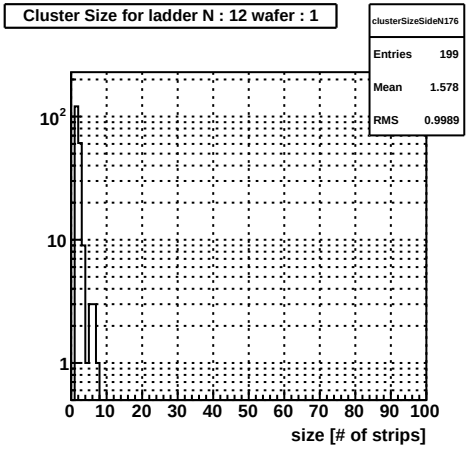

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 385
Mean 1.226
RMS 0.6593
size [# of strips]

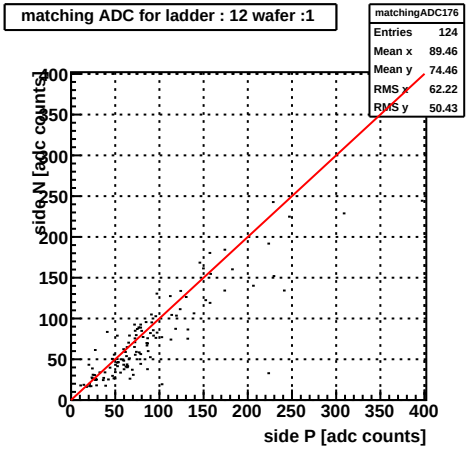

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 89
Mean x 100.6
Mean y 102.7
RMS x 66.35
RMS y 68.54
side N [adc counts]
side P [adc counts]

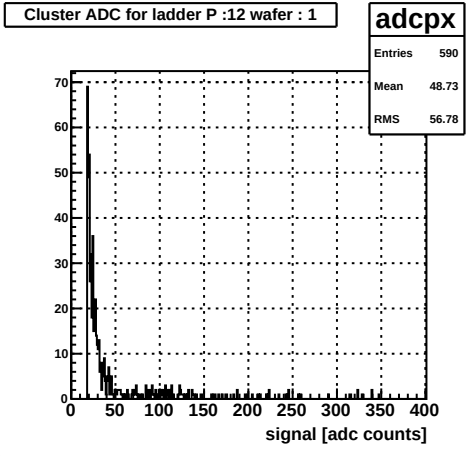

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 129
Mean 84.14
RMS 67.97
signal [adc counts]

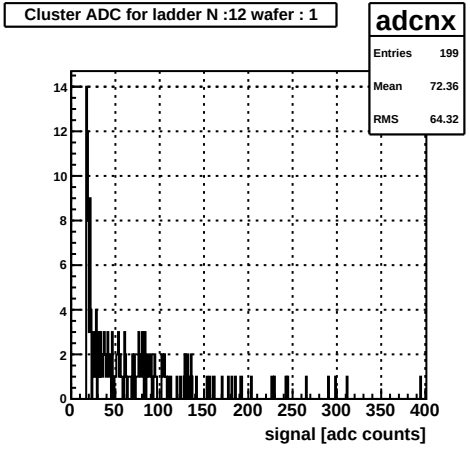

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 385
Mean 45.43
RMS 54
signal [adc counts]

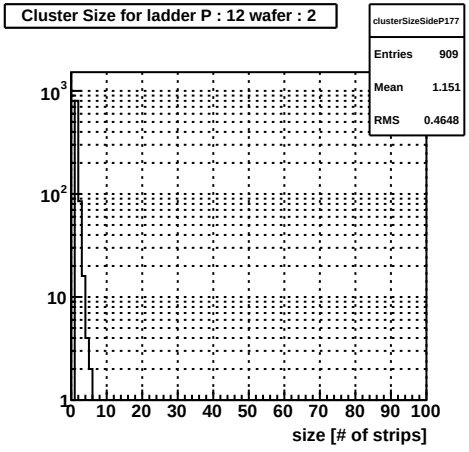

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 590
Mean 1.203
RMS 0.596
size [# of strips]

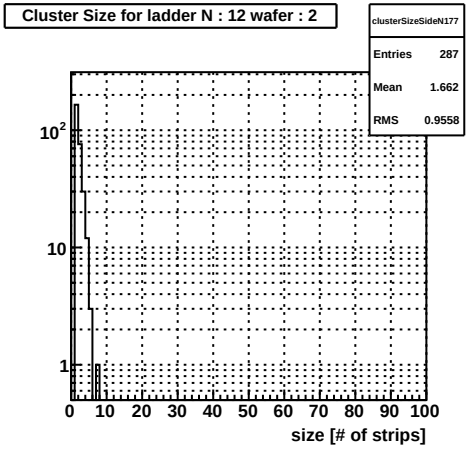

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 199
Mean 1.578
RMS 0.9989
size [# of strips]

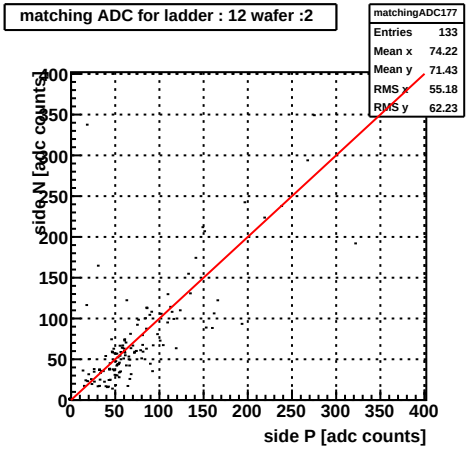

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 124
Mean x 89.46
Mean y 74.46
RMS x 62.22
RMS y 50.43
side N [adc counts]
side P [adc counts]

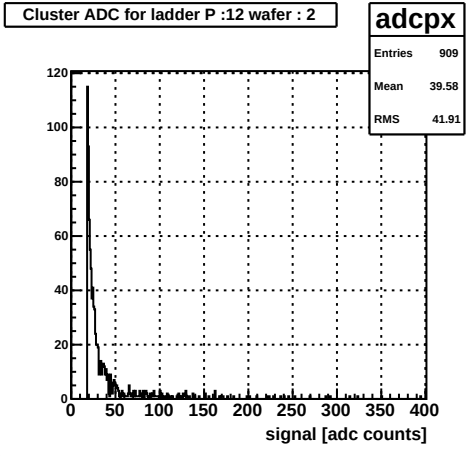

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 590
Mean 48.73
RMS 56.78
signal [adc counts]

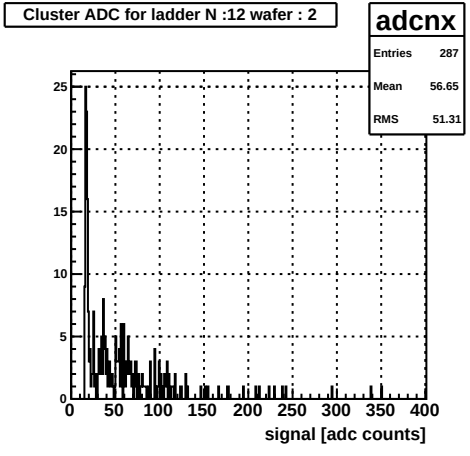

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 199
Mean 72.36
RMS 64.32
signal [adc counts]

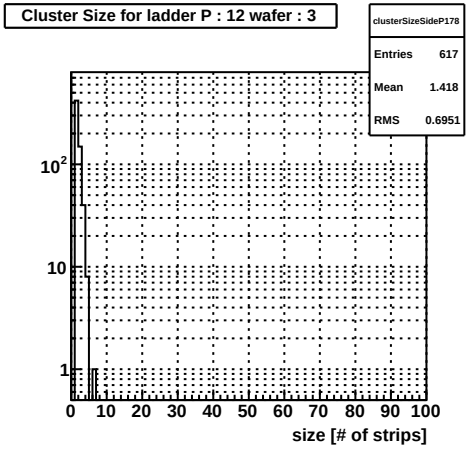

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 909
Mean 1.151
RMS 0.4648
size [# of strips]

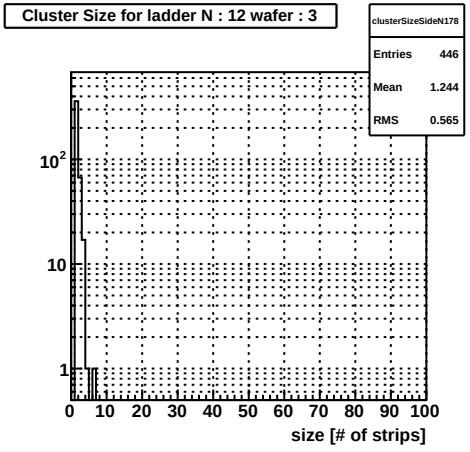

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 287
Mean 1.662
RMS 0.9558
size [# of strips]

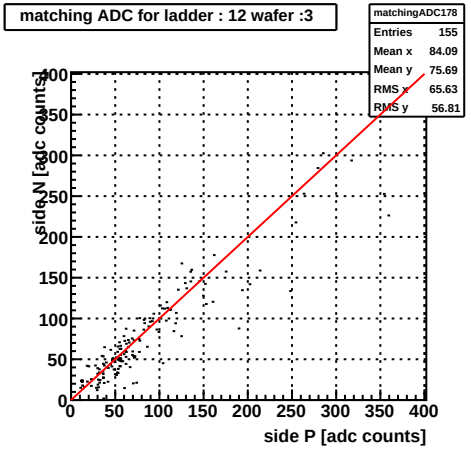

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 133
Mean x 74.22
Mean y 71.43
RMS x 55.18
RMS y 62.23
side N [adc counts]
side P [adc counts]

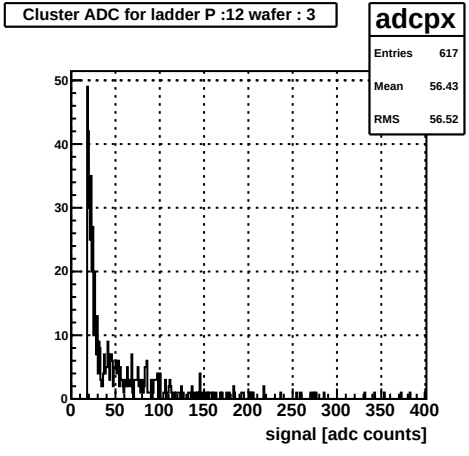

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 909
Mean 39.58
RMS 41.91
signal [adc counts]

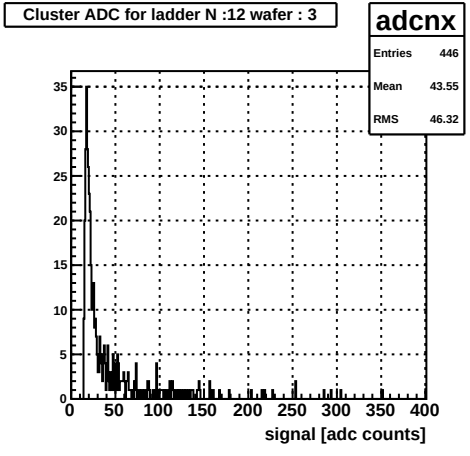

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 287
Mean 56.65
RMS 51.31
signal [adc counts]

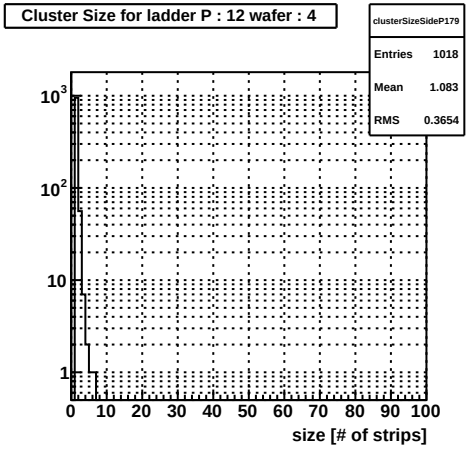

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 617
Mean 1.418
RMS 0.6951
size [# of strips]

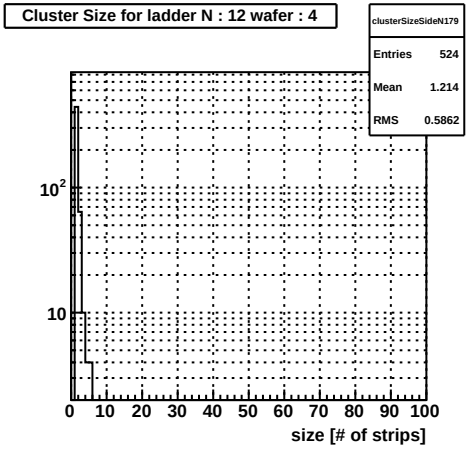

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 446
Mean 1.244
RMS 0.565
size [# of strips]

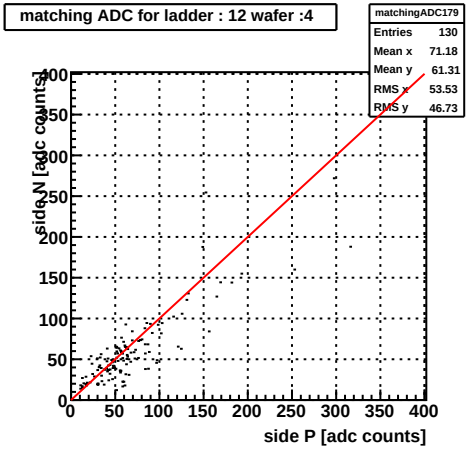

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 155
Mean x 84.09
Mean y 75.69
RMS x 65.63
RMS y 56.81
side N [adc counts]
side P [adc counts]

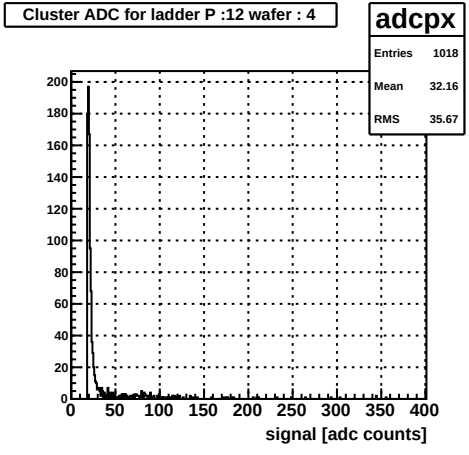

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 617
Mean 56.43
RMS 56.52
signal [adc counts]

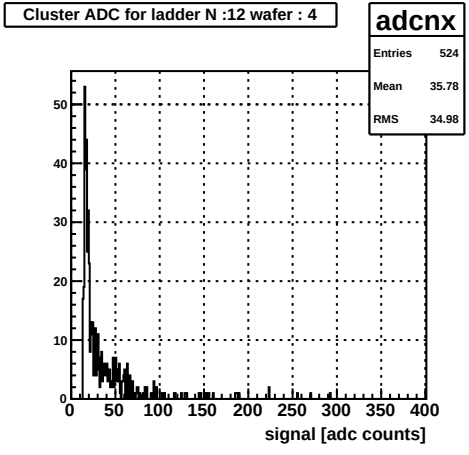

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 446
Mean 43.55
RMS 46.32
signal [adc counts]

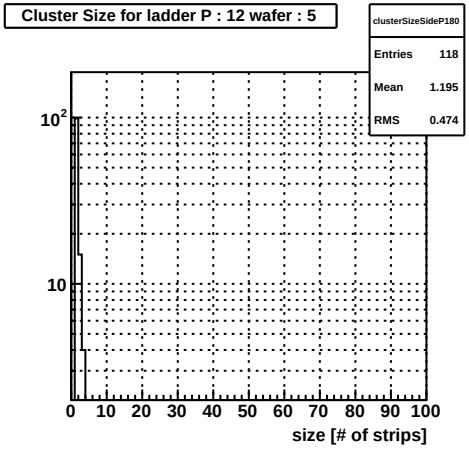

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 1018
Mean 1.083
RMS 0.3654
size [# of strips]

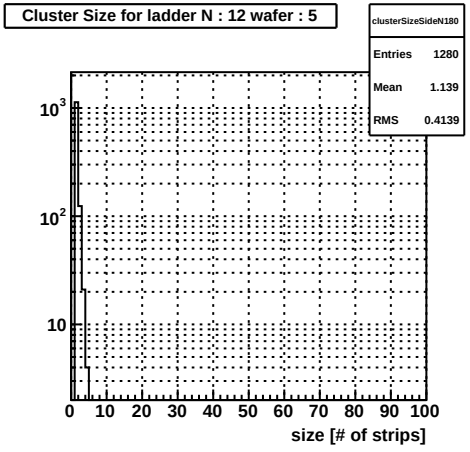

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 524
Mean 1.214
RMS 0.5862
size [# of strips]

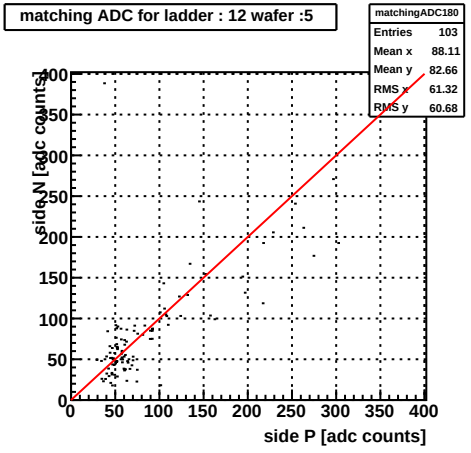

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 130
Mean x 71.18
Mean y 61.31
RMS x 53.53
RMS y 46.73
side N [adc counts]
side P [adc counts]

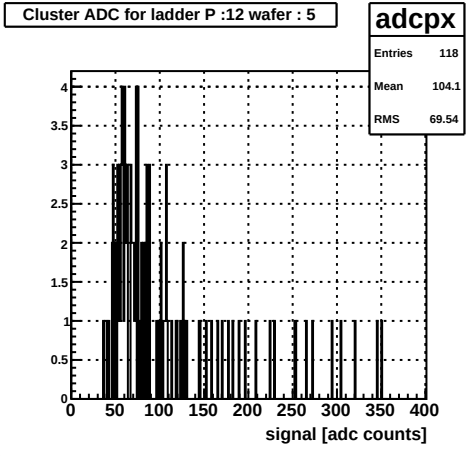

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 1018
Mean 32.16
RMS 35.67
signal [adc counts]

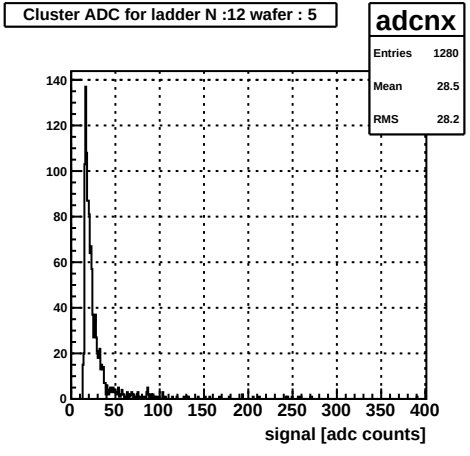

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 524
Mean 35.78
RMS 34.98
signal [adc counts]

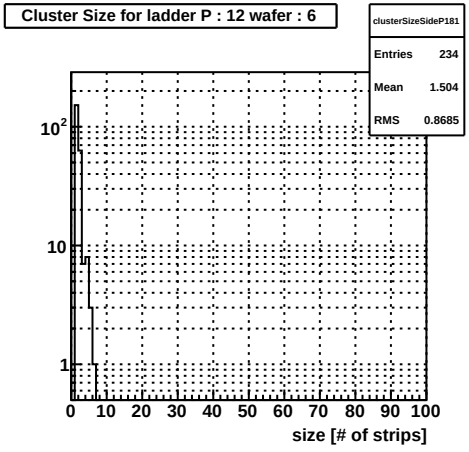

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 118
Mean 1.195
RMS 0.474
size [# of strips]

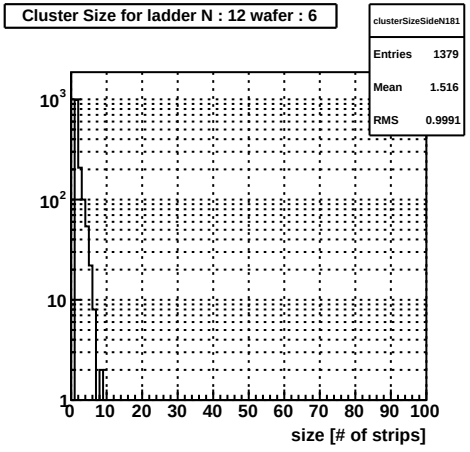

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 1280
Mean 1.139
RMS 0.4139
size [# of strips]

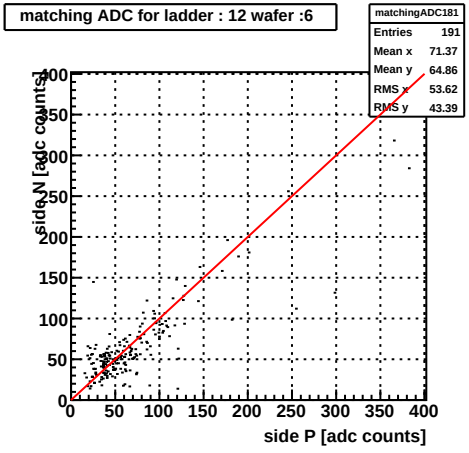

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 103
Mean x 88.11
Mean y 82.66
RMS x 61.32
RMS y 60.68
side N [adc counts]
side P [adc counts]

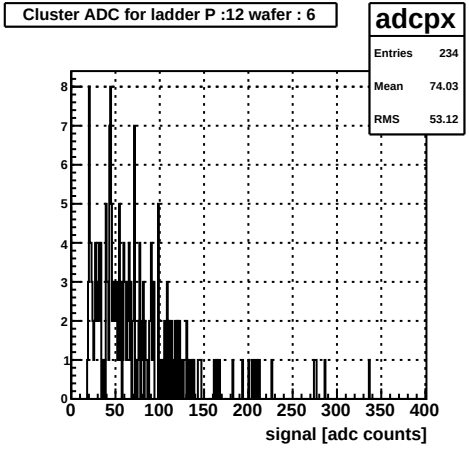

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 118
Mean 104.1
RMS 69.54
signal [adc counts]

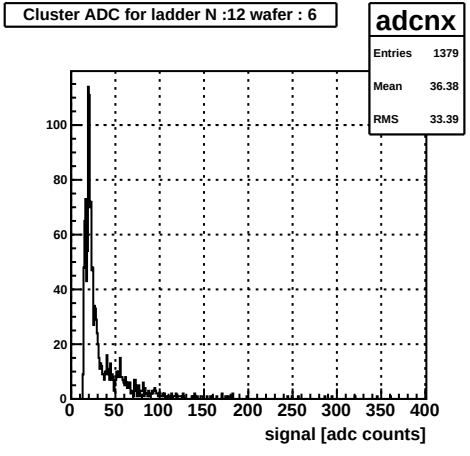

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 1280
Mean 28.5
RMS 28.2
signal [adc counts]

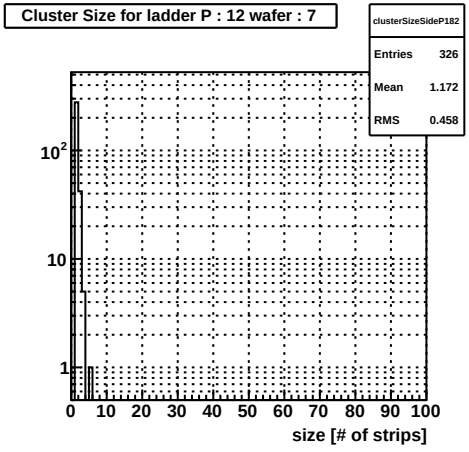

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 234
Mean 1.504
RMS 0.8685
size [# of strips]

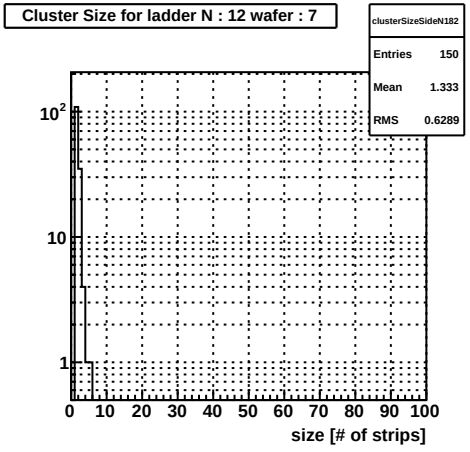

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 1379
Mean 1.516
RMS 0.9991
size [# of strips]

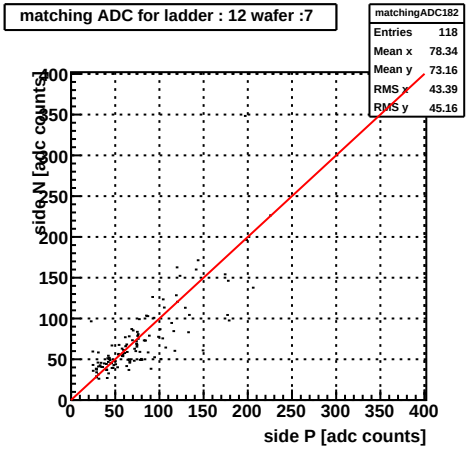

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 191
Mean x 71.37
Mean y 64.86
RMS x 53.62
RMS y 43.39
side N [adc counts]
side P [adc counts]

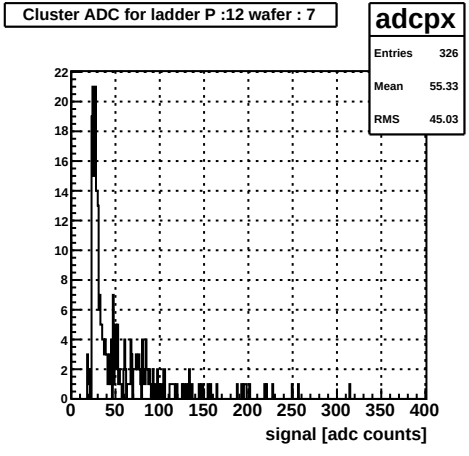

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 234
Mean 74.03
RMS 53.12
signal [adc counts]

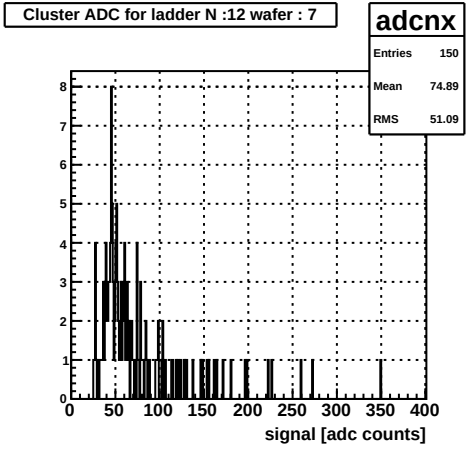

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 1379
Mean 36.38
RMS 33.39
signal [adc counts]

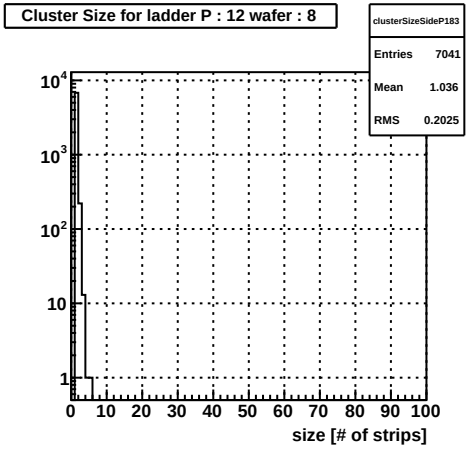

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 326
Mean 1.172
RMS 0.458
size [# of strips]

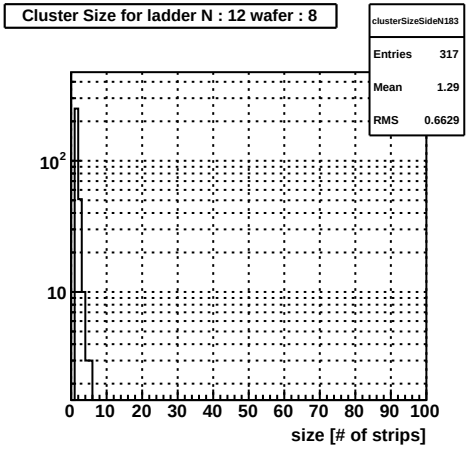

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 150
Mean 1.333
RMS 0.6289
size [# of strips]

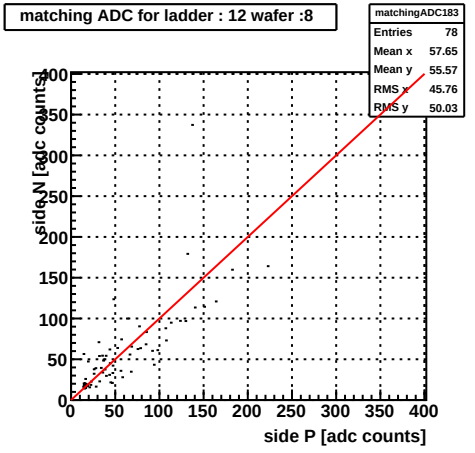

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 118
Mean x 78.34
Mean y 73.16
RMS x 43.39
RMS y 45.16
side N [adc counts]
side P [adc counts]

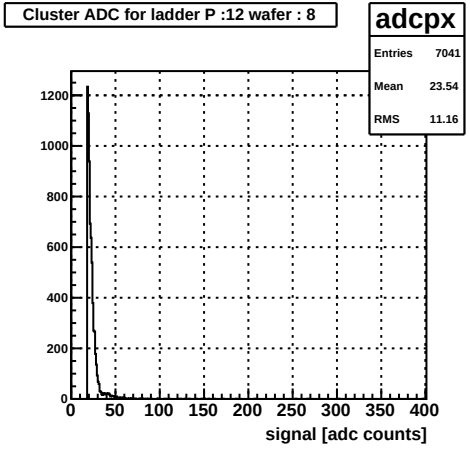

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 326
Mean 55.33
RMS 45.03
signal [adc counts]

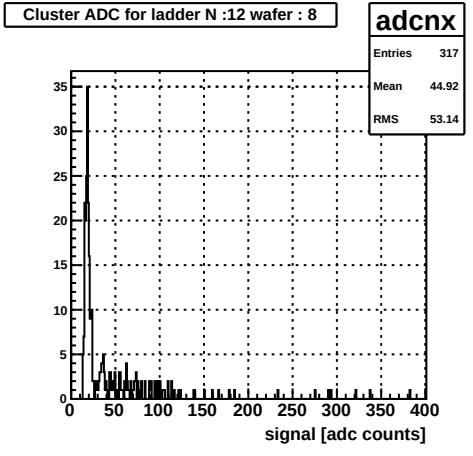

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 150
Mean 74.89
RMS 51.09
signal [adc counts]

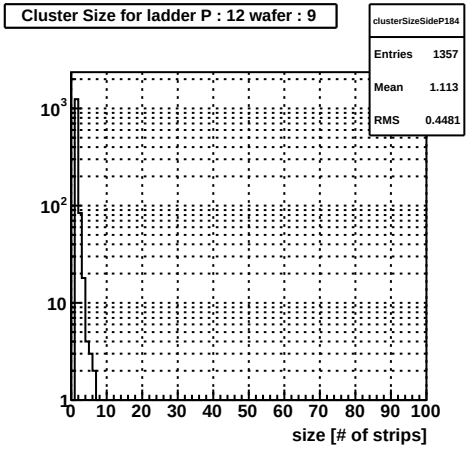

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 7041
Mean 1.036
RMS 0.2025
size [# of strips]

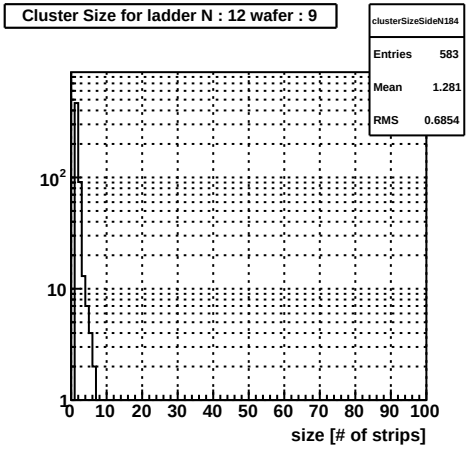

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 317
Mean 1.29
RMS 0.6629
size [# of strips]

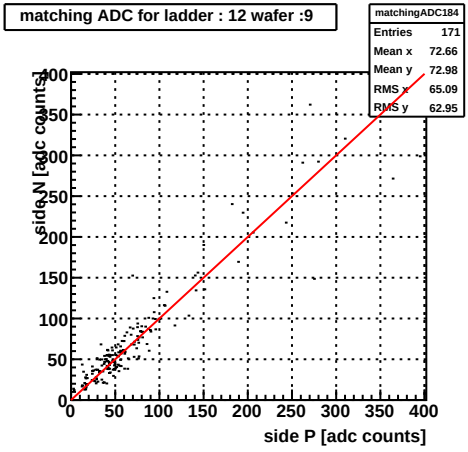

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 78
Mean x 57.65
Mean y 55.57
RMS x 45.76
RMS y 50.03
side N [adc counts]
side P [adc counts]

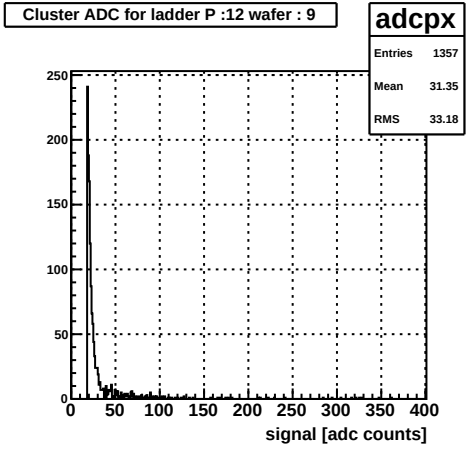

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 7041
Mean 23.54
RMS 11.16
signal [adc counts]

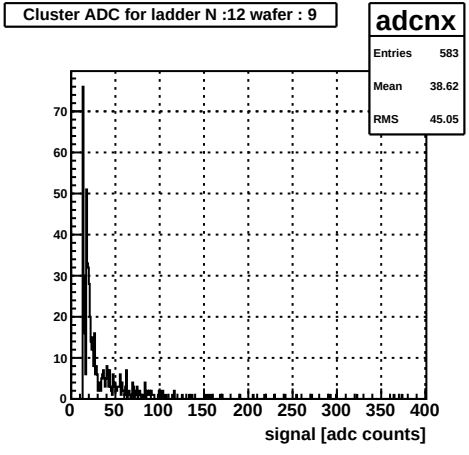

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 317
Mean 44.92
RMS 53.14
signal [adc counts]

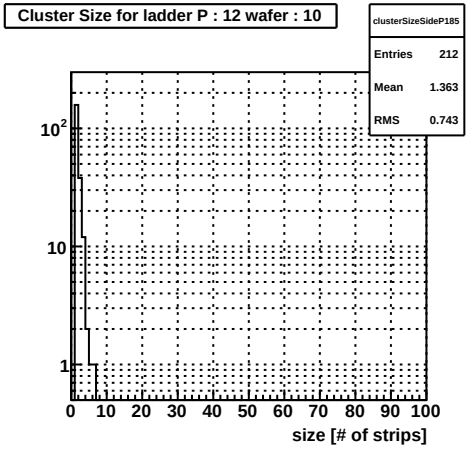

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 1357
Mean 1.113
RMS 0.4481
size [# of strips]

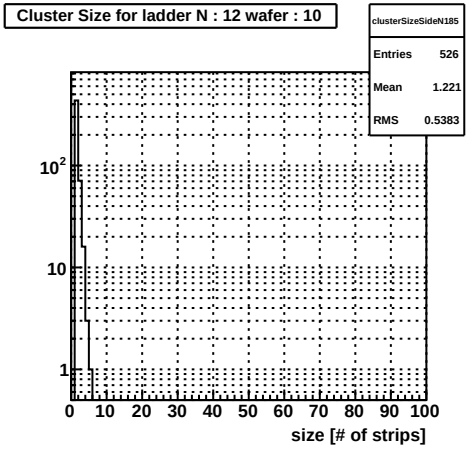

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 583
Mean 1.281
RMS 0.6854
size [# of strips]

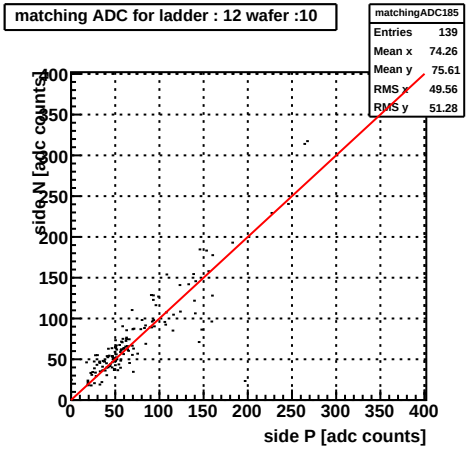

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 171
Mean x 72.66
Mean y 72.98
RMS x 65.09
RMS y 62.95
side N [adc counts]
side P [adc counts]

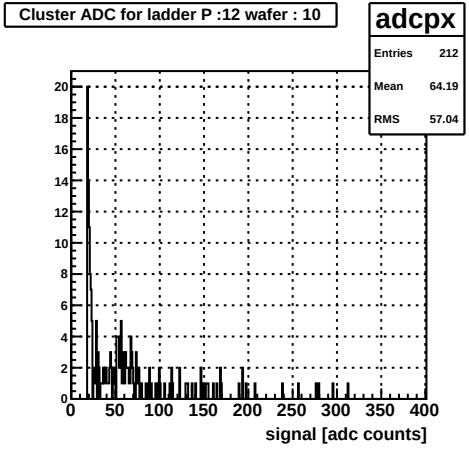

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 1357
Mean 31.35
RMS 33.18
signal [adc counts]

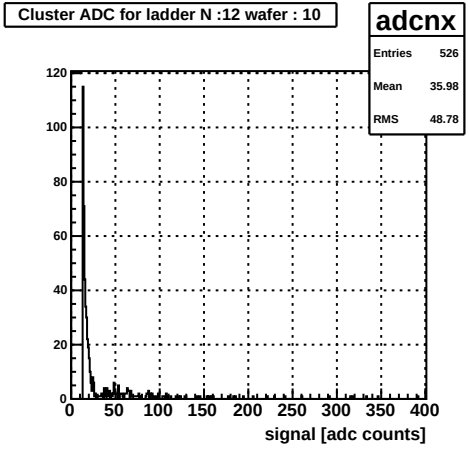

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 583
Mean 38.62
RMS 45.05
signal [adc counts]

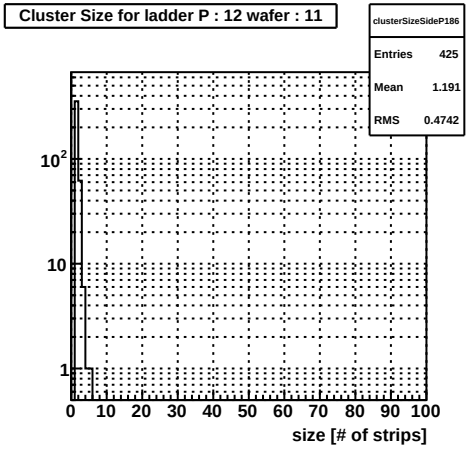

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 212
Mean 1.363
RMS 0.743
size [# of strips]

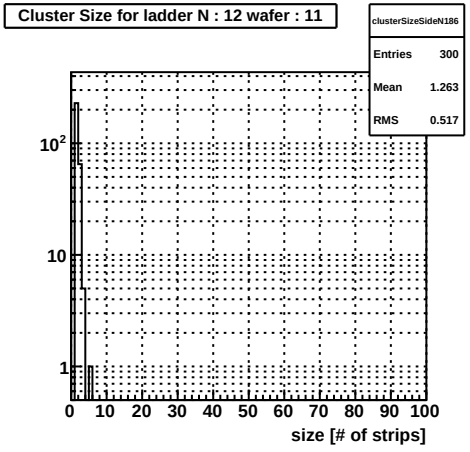

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 526
Mean 1.221
RMS 0.5383
size [# of strips]

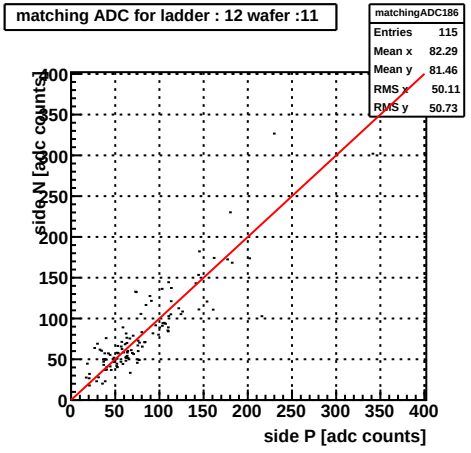

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 139
Mean x 74.26
Mean y 75.61
RMS x 49.56
RMS y 51.28
side N [adc counts]
side P [adc counts]

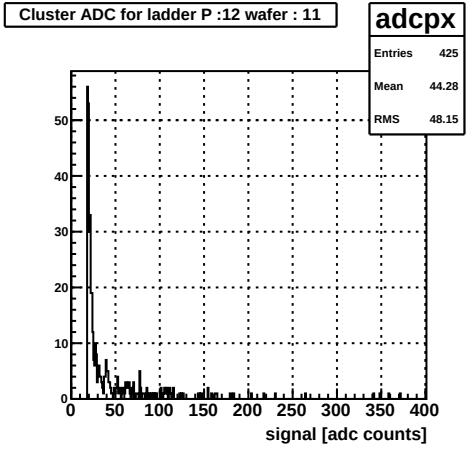

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 212
Mean 64.19
RMS 57.04
signal [adc counts]

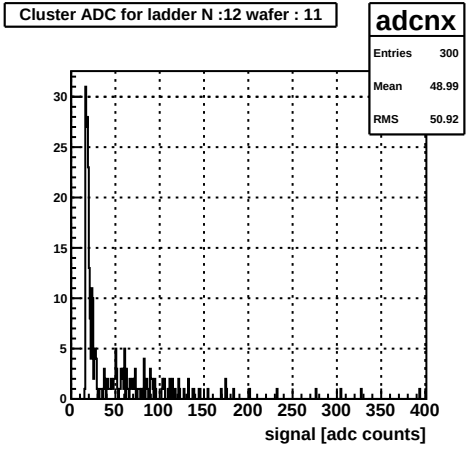

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 526
Mean 35.98
RMS 48.78
signal [adc counts]

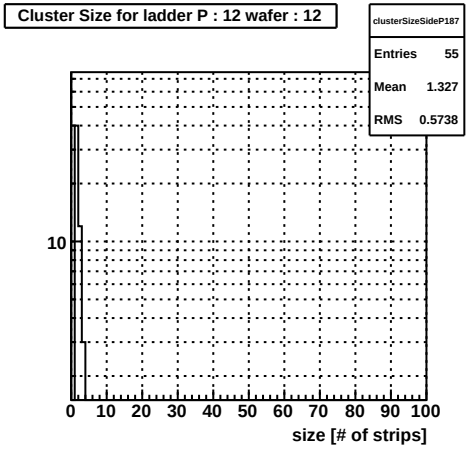

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 425
Mean 1.191
RMS 0.4742
size [# of strips]

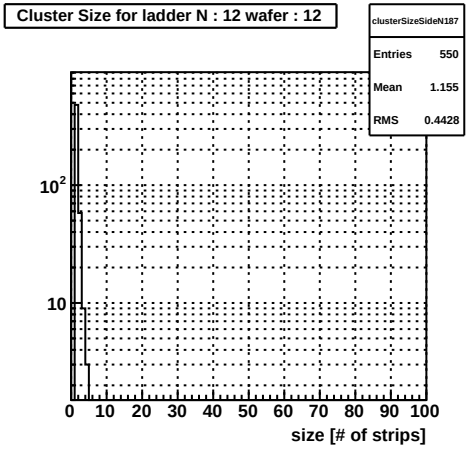

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 300
Mean 1.263
RMS 0.517
size [# of strips]

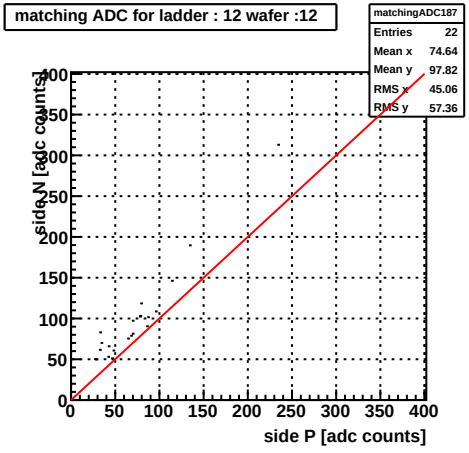

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 115
Mean x 82.29
Mean y 81.46
RMS x 50.11
RMS y 50.73
side N [adc counts]
side P [adc counts]

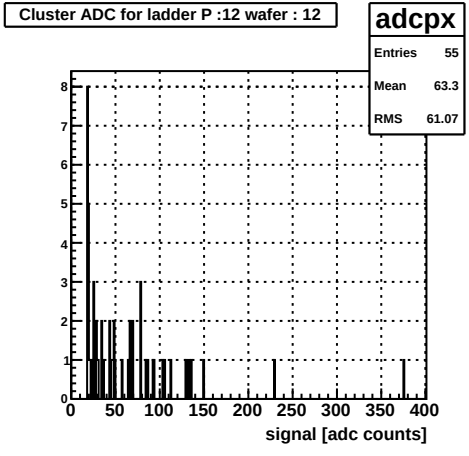

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 425
Mean 44.28
RMS 48.15
signal [adc counts]

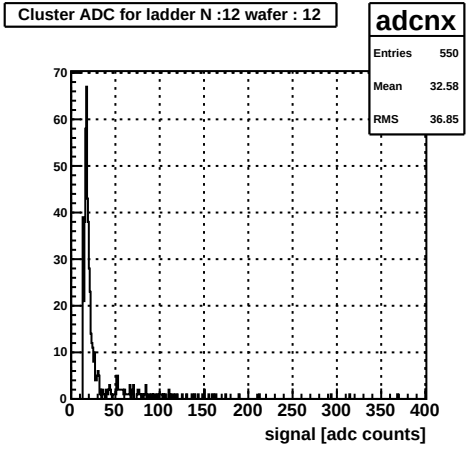

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 300
Mean 48.99
RMS 50.92
signal [adc counts]

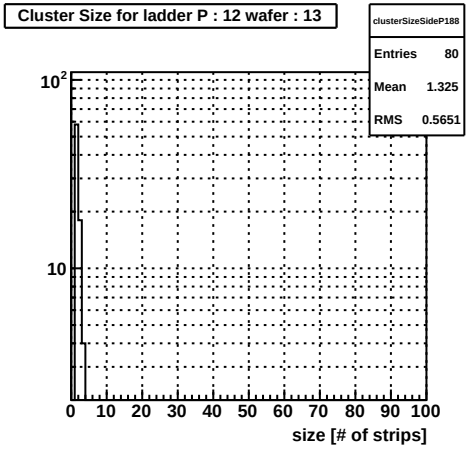

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 55
Mean 1.327
RMS 0.5738
size [# of strips]

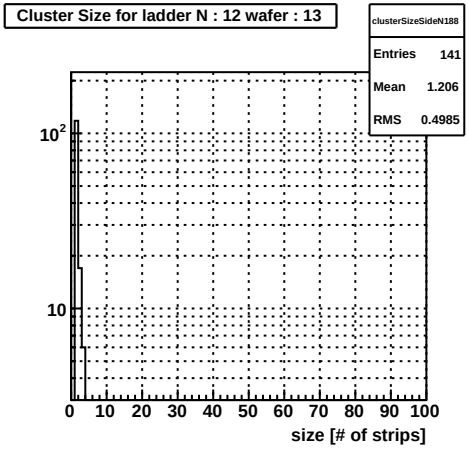

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 550
Mean 1.155
RMS 0.4428
size [# of strips]

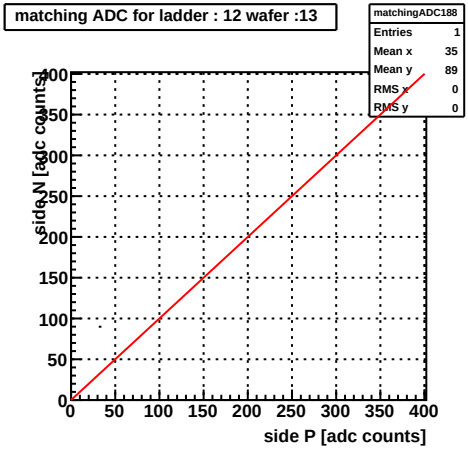

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 22
Mean x 74.64
Mean y 97.82
RMS x 45.06
RMS y 57.36
side N [adc counts]
side P [adc counts]

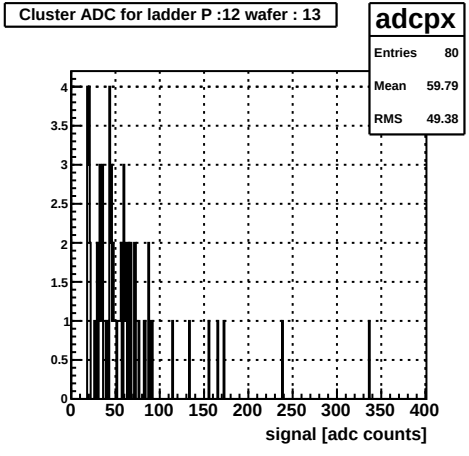

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 55
Mean 63.3
RMS 61.07
signal [adc counts]

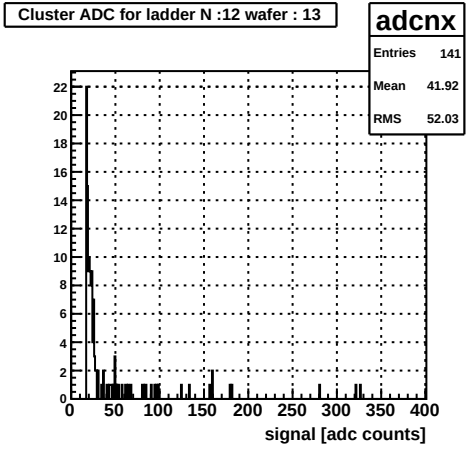

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 550
Mean 32.58
RMS 36.85
signal [adc counts]

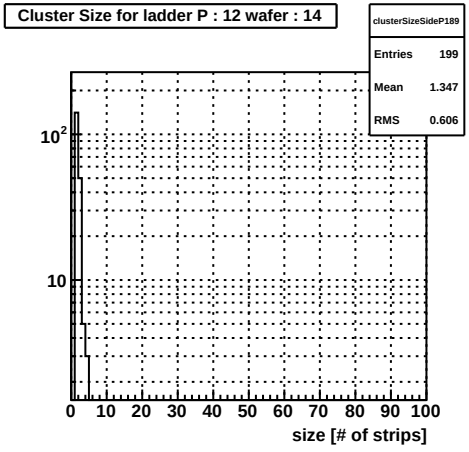

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 80
Mean 1.325
RMS 0.5651
size [# of strips]

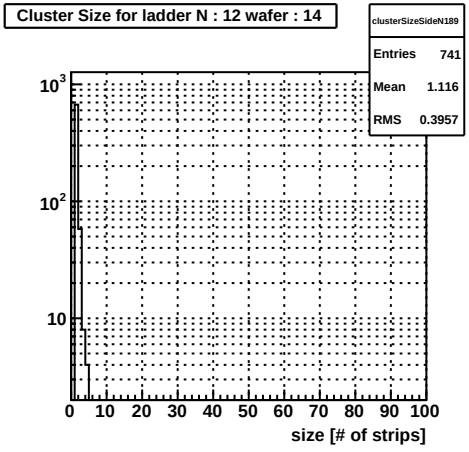

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 141
Mean 1.206
RMS 0.4985
size [# of strips]

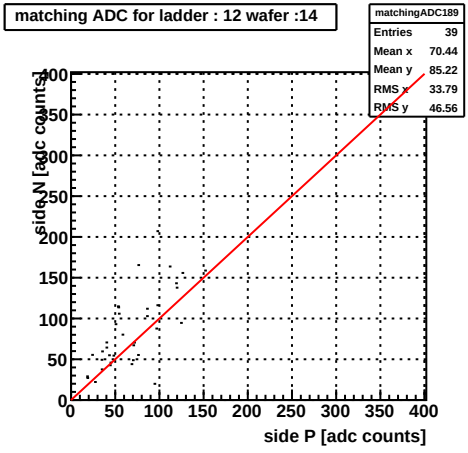

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 1
Mean x 35
Mean y 89
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

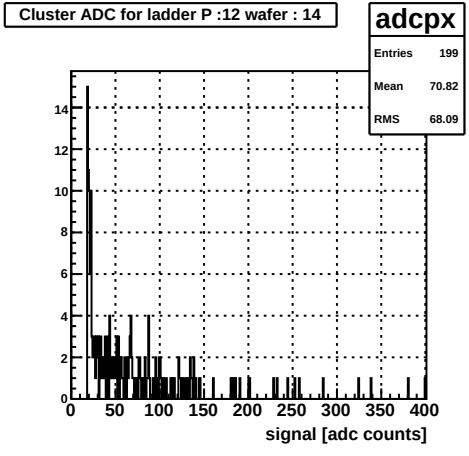

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 80
Mean 59.79
RMS 49.38
signal [adc counts]

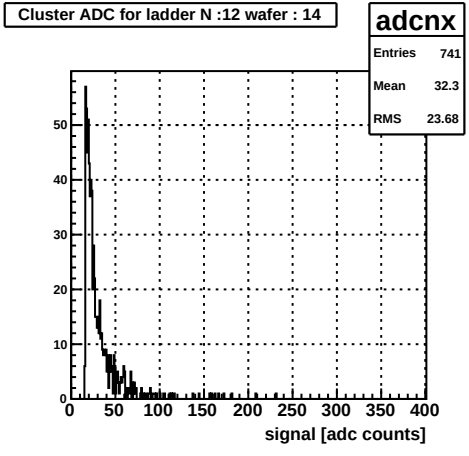

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 141
Mean 41.92
RMS 52.03
signal [adc counts]

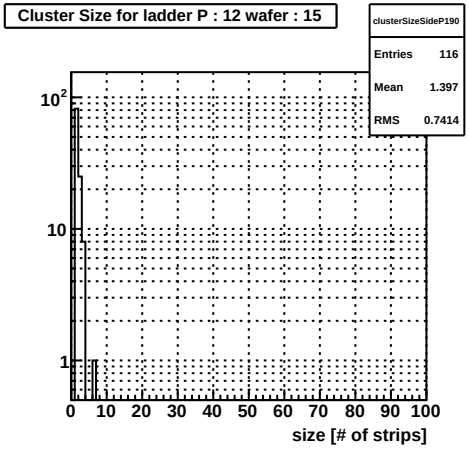

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 199
Mean 1.347
RMS 0.606
size [# of strips]

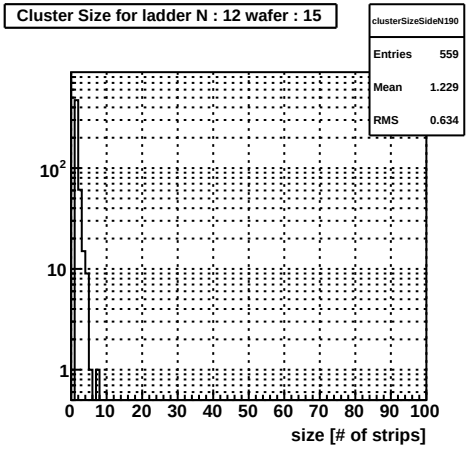

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 741
Mean 1.116
RMS 0.3957
size [# of strips]

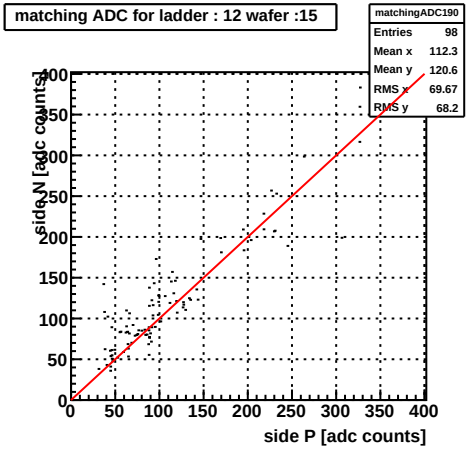

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 39
Mean x 70.44
Mean y 85.22
RMS x 33.79
RMS y 46.56
side N [adc counts]
side P [adc counts]

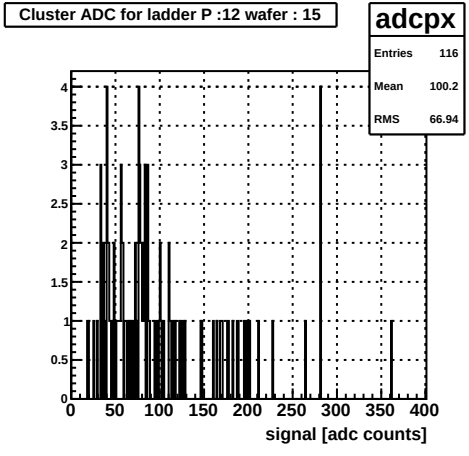

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 199
Mean 70.82
RMS 68.09
signal [adc counts]

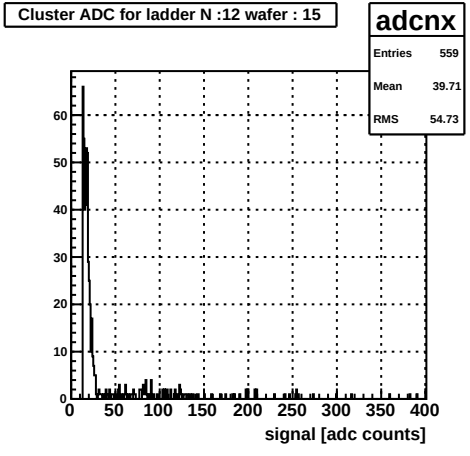

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 741
Mean 32.3
RMS 23.68
signal [adc counts]

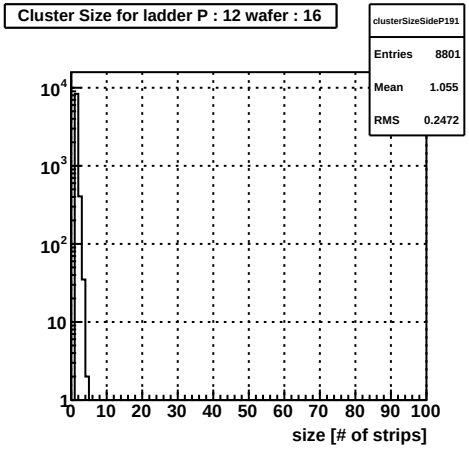

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 116
Mean 1.397
RMS 0.7414
size [# of strips]

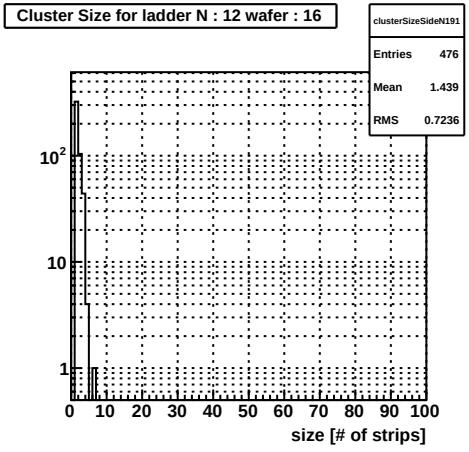

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 559
Mean 1.229
RMS 0.634
size [# of strips]

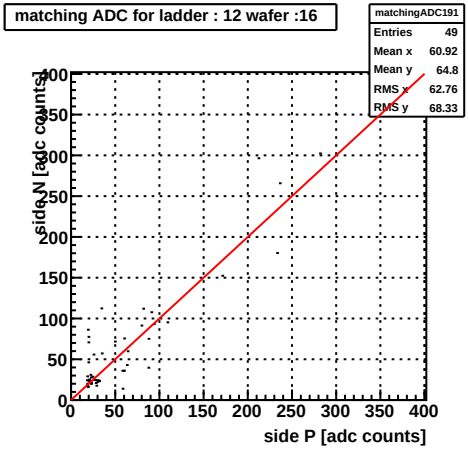

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 98
Mean x 112.3
Mean y 120.6
RMS x 69.67
RMS y 68.2
side N [adc counts]
side P [adc counts]

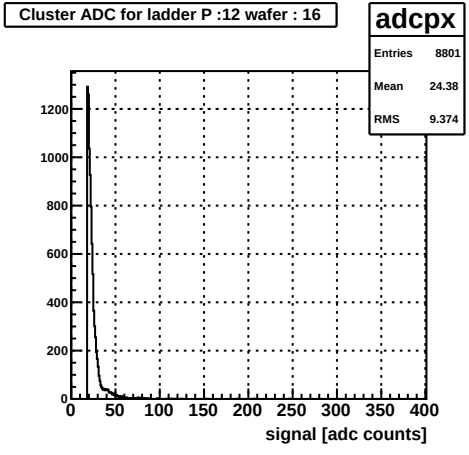

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 116
Mean 100.2
RMS 66.94
signal [adc counts]

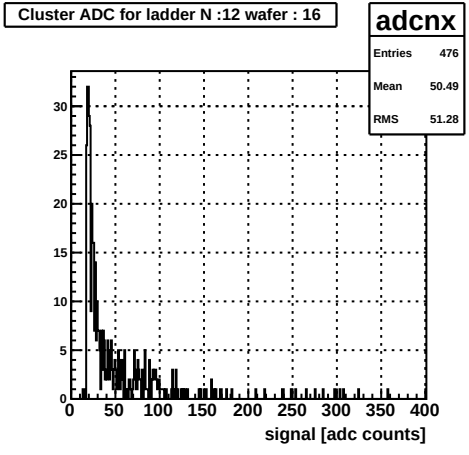

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 559
Mean 39.71
RMS 54.73
signal [adc counts]

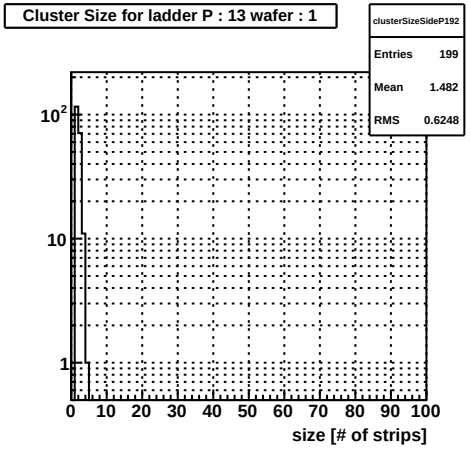

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 8801
Mean 1.055
RMS 0.2472
size [# of strips]

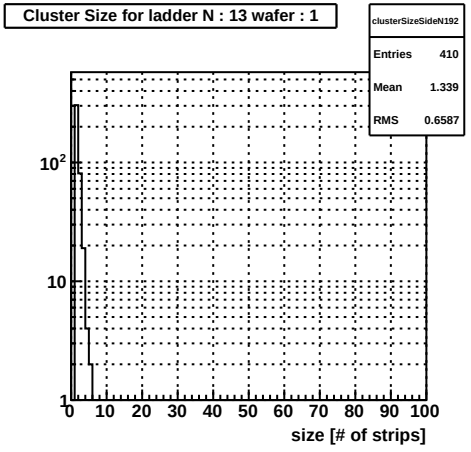

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 476
Mean 1.439
RMS 0.7236
size [# of strips]

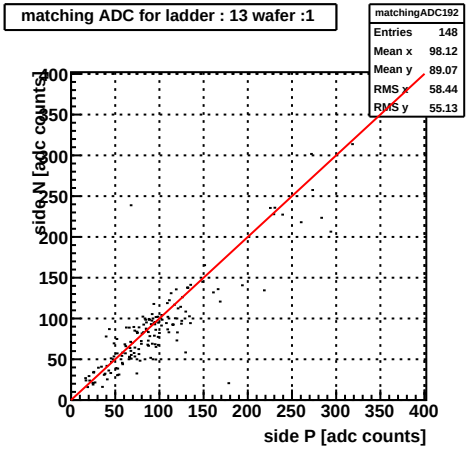

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 49
Mean x 60.92
Mean y 64.8
RMS x 62.76
RMS y 68.33
side N [adc counts]
side P [adc counts]

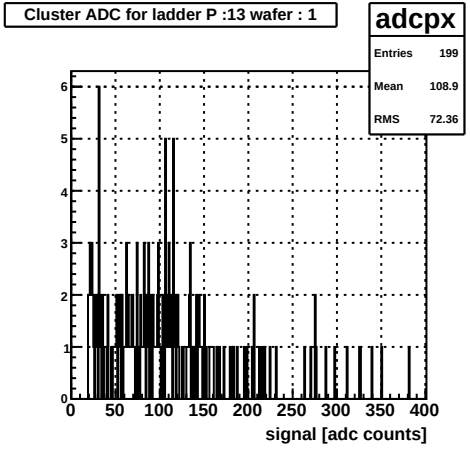

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 8801
Mean 24.38
RMS 9.374
signal [adc counts]

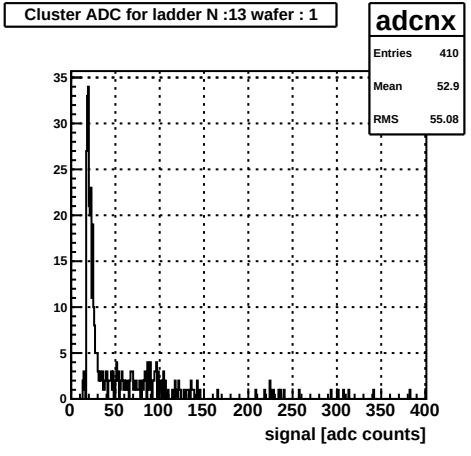

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 476
Mean 50.49
RMS 51.28
signal [adc counts]

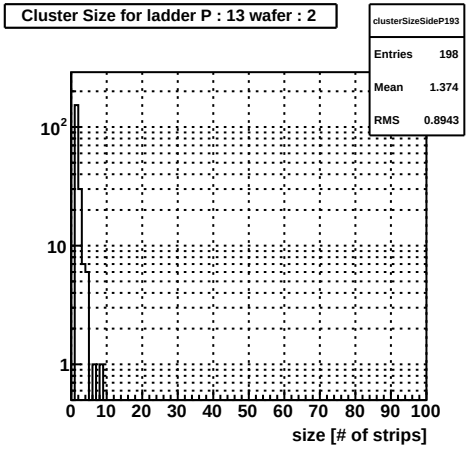

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 199
Mean 1.482
RMS 0.6248
size [# of strips]

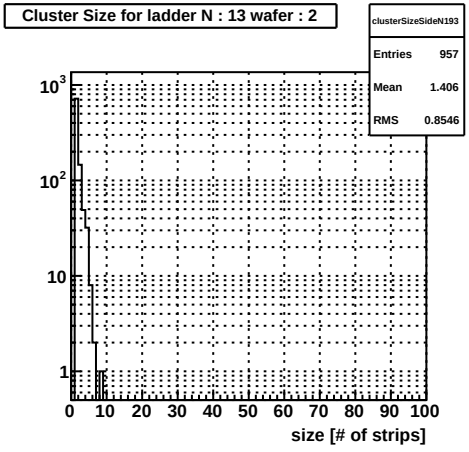

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 410
Mean 1.339
RMS 0.6587
size [# of strips]

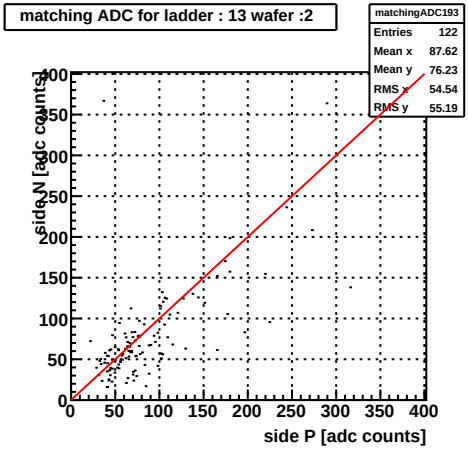

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 148
Mean x 98.12
Mean y 89.07
RMS x 58.44
RMS y 55.13
side N [adc counts]
side P [adc counts]

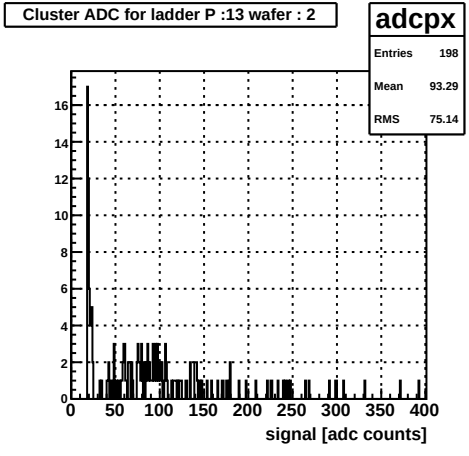

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 199
Mean 108.9
RMS 72.36
signal [adc counts]

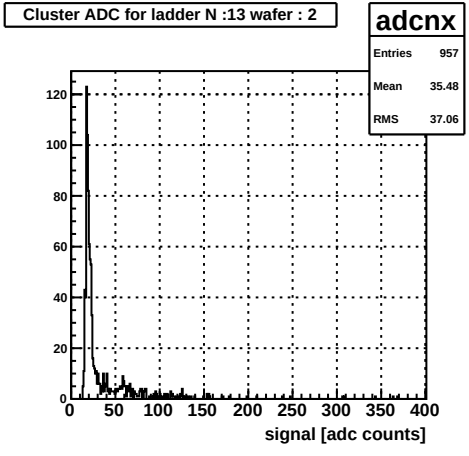

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 410
Mean 52.9
RMS 55.08
signal [adc counts]

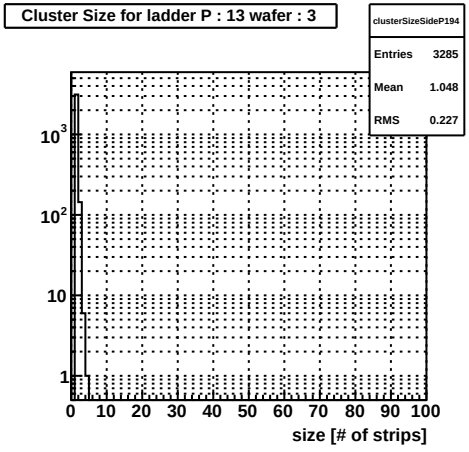

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 198
Mean 1.374
RMS 0.8943
size [# of strips]

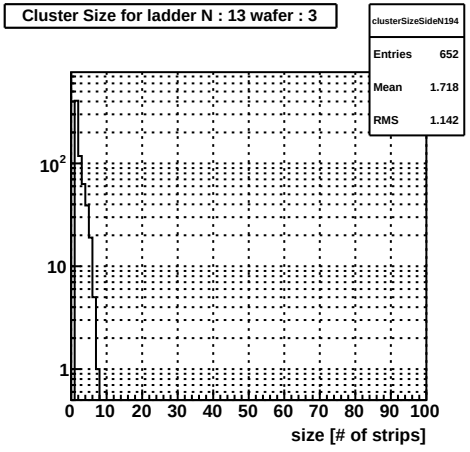

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 957
Mean 1.406
RMS 0.8546
size [# of strips]

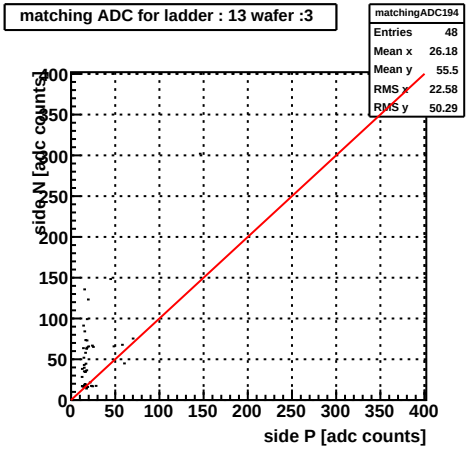

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 122
Mean x 87.62
Mean y 76.23
RMS x 54.54
RMS y 55.19
side N [adc counts]
side P [adc counts]

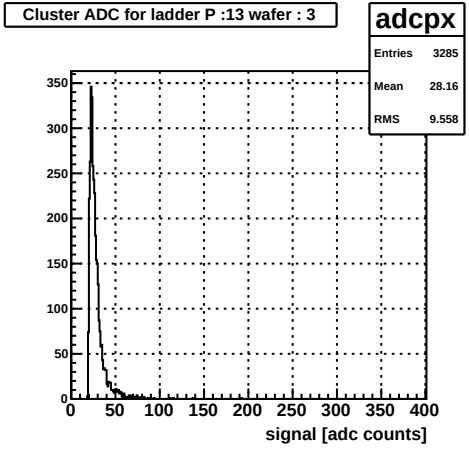

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 198
Mean 93.29
RMS 75.14
signal [adc counts]

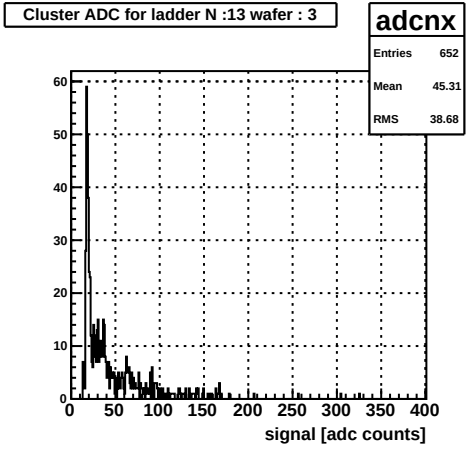

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 957
Mean 35.48
RMS 37.06
signal [adc counts]

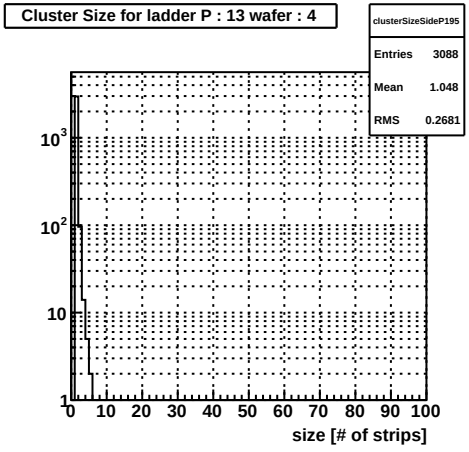

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 3285
Mean 1.048
RMS 0.227
size [# of strips]

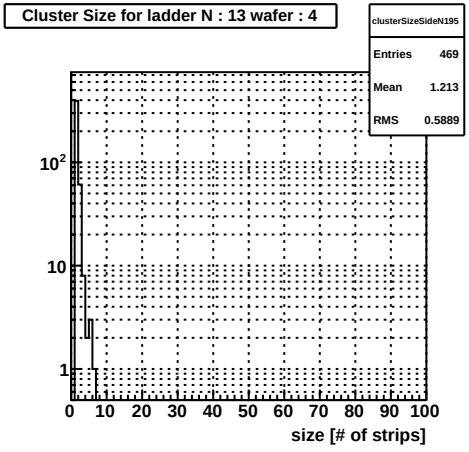

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 652
Mean 1.718
RMS 1.142
size [# of strips]

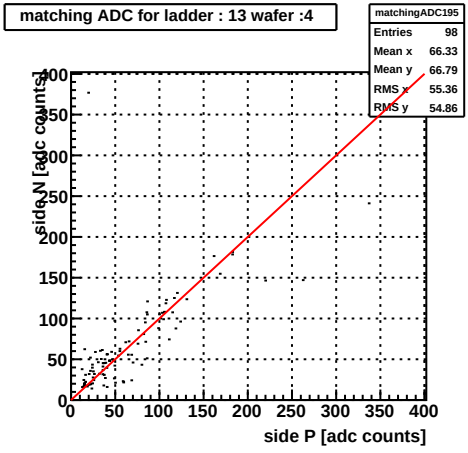

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 48
Mean x 26.18
Mean y 55.5
RMS x 22.58
RMS y 50.29
side N [adc counts]
side P [adc counts]

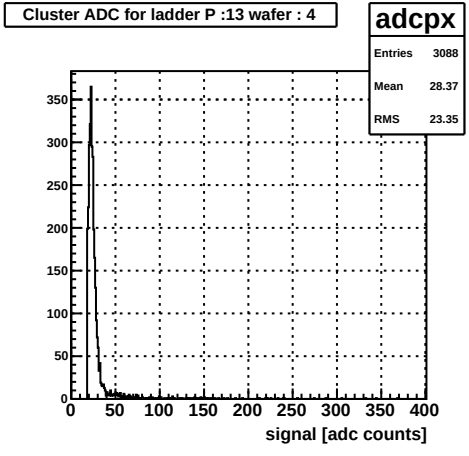

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 3285
Mean 28.16
RMS 9.558
signal [adc counts]

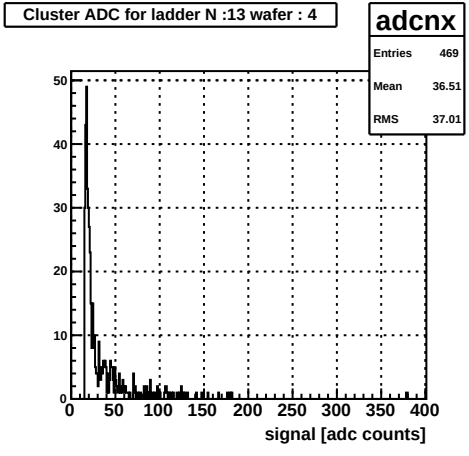

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 652
Mean 45.31
RMS 38.68
signal [adc counts]

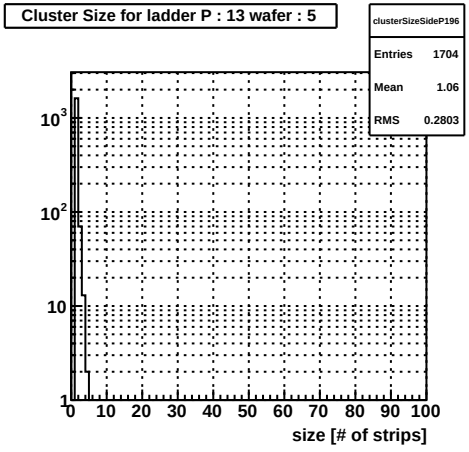

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 3088
Mean 1.048
RMS 0.2681
size [# of strips]

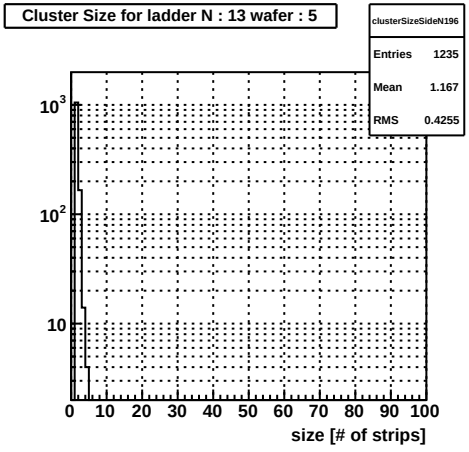

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 469
Mean 1.213
RMS 0.5889
size [# of strips]

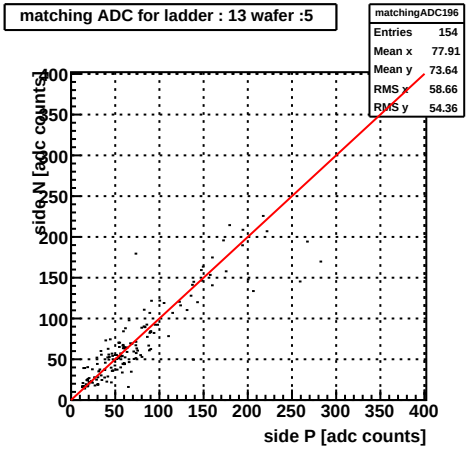

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 98
Mean x 66.33
Mean y 66.79
RMS x 55.36
RMS y 54.86
side N [adc counts]
side P [adc counts]

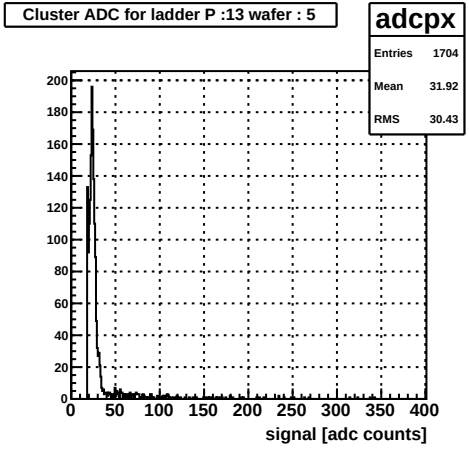

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 3088
Mean 28.37
RMS 23.35
signal [adc counts]

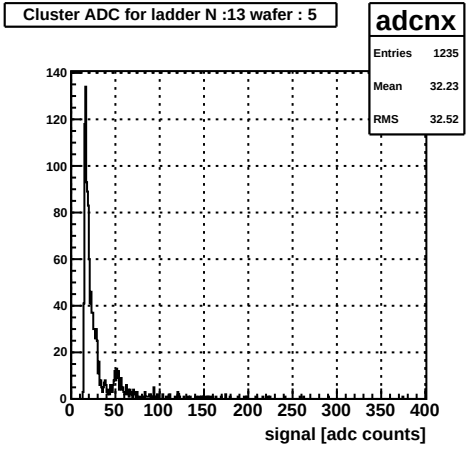

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 469
Mean 36.51
RMS 37.01
signal [adc counts]

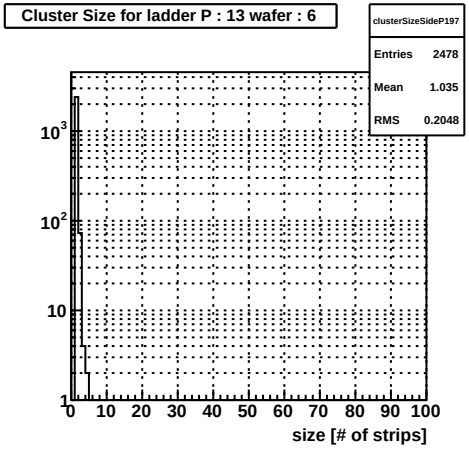

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 1704
Mean 1.06
RMS 0.2803
size [# of strips]

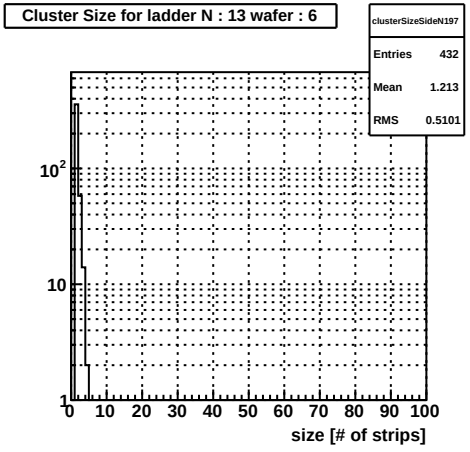

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 1235
Mean 1.167
RMS 0.4255
size [# of strips]

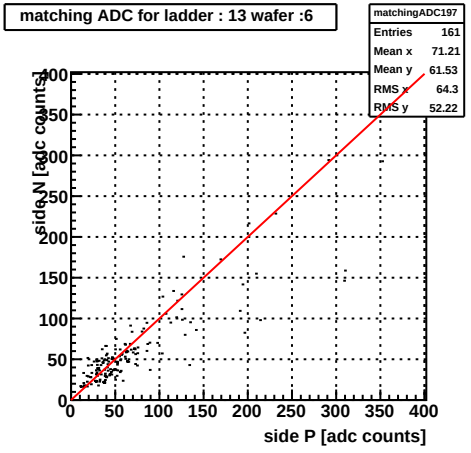

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 154
Mean x 77.91
Mean y 73.64
RMS x 58.66
RMS y 54.36
side N [adc counts]
side P [adc counts]

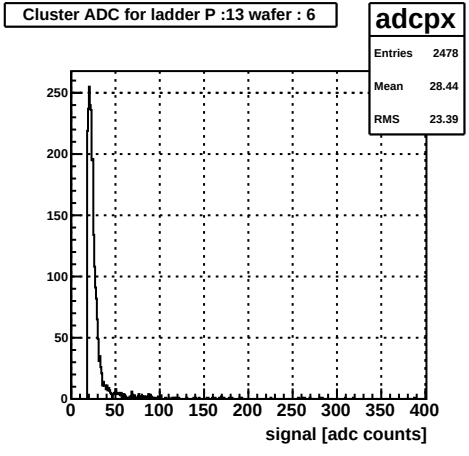

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 1704
Mean 31.92
RMS 30.43
signal [adc counts]

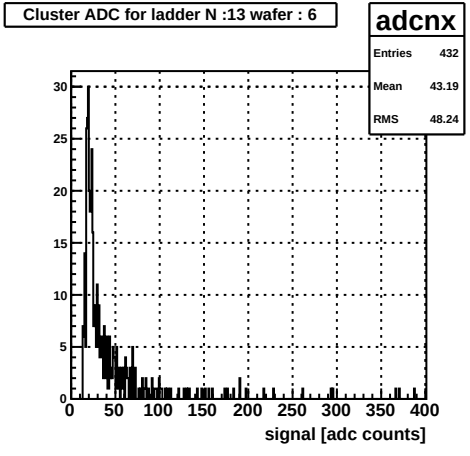

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 1235
Mean 32.23
RMS 32.52
signal [adc counts]

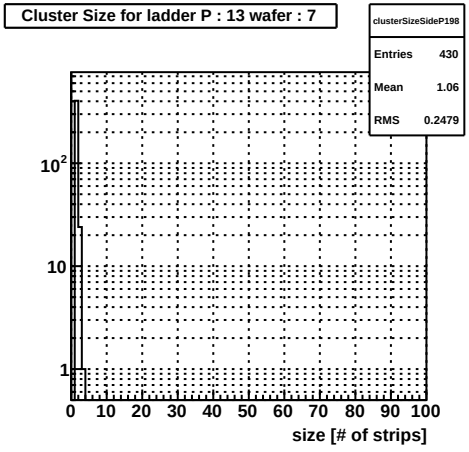

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 2478
Mean 1.035
RMS 0.2048
size [# of strips]

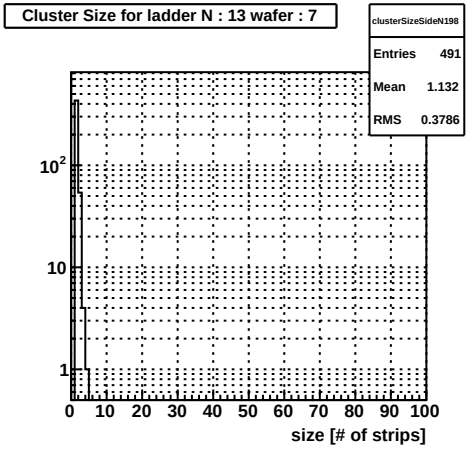

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 432
Mean 1.213
RMS 0.5101
size [# of strips]

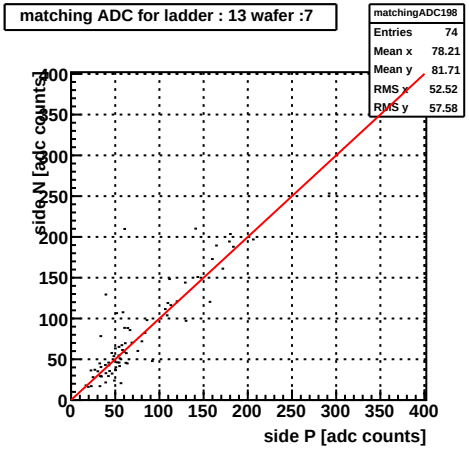

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 161
Mean x 71.21
Mean y 61.53
RMS x 64.3
RMS y 52.22
side N [adc counts]
side P [adc counts]

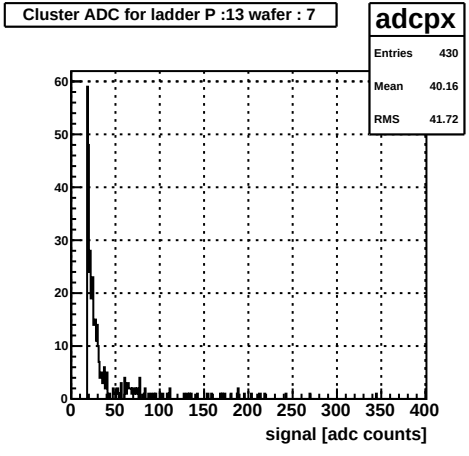

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 2478
Mean 28.44
RMS 23.39
signal [adc counts]

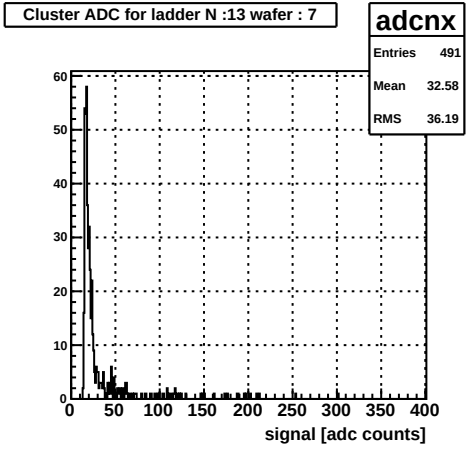

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 432
Mean 43.19
RMS 48.24
signal [adc counts]

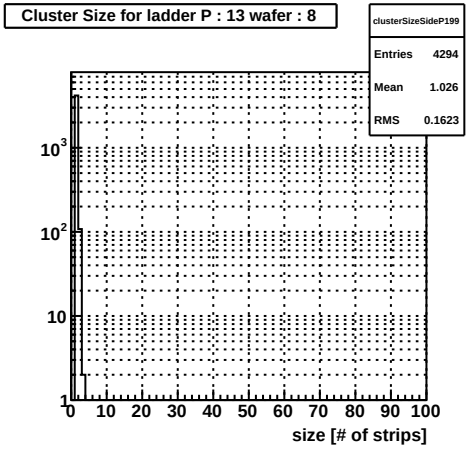

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 430
Mean 1.06
RMS 0.2479
size [# of strips]

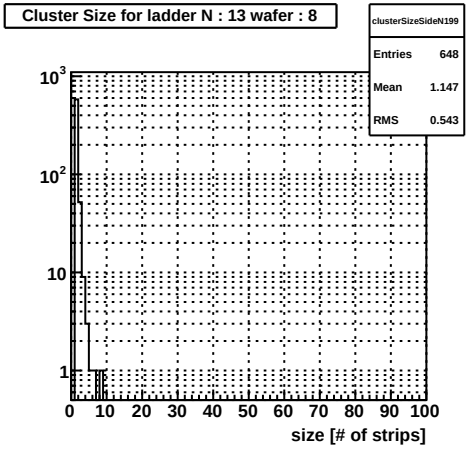

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 491
Mean 1.132
RMS 0.3786
size [# of strips]

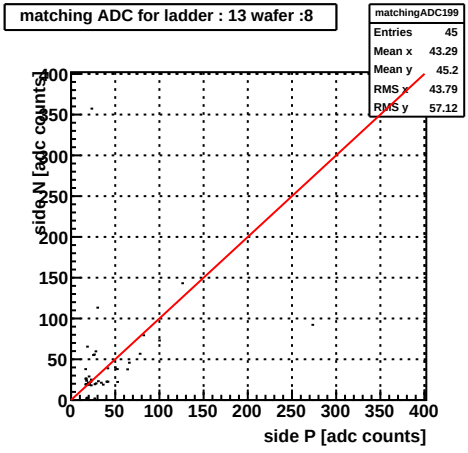

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 74
Mean x 78.21
Mean y 81.71
RMS x 52.52
RMS y 57.58
side N [adc counts]
side P [adc counts]

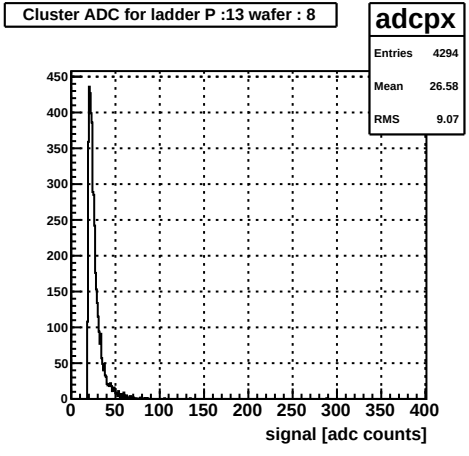

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 430
Mean 40.16
RMS 41.72
signal [adc counts]

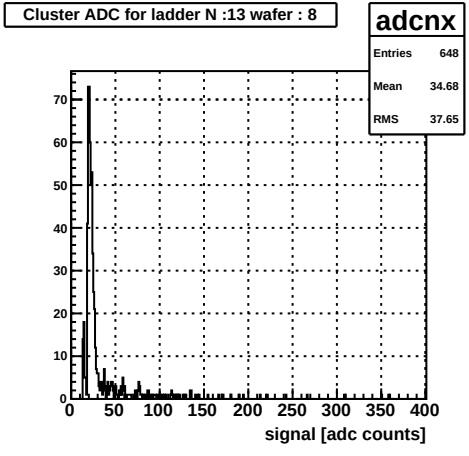

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 491
Mean 32.58
RMS 36.19
signal [adc counts]

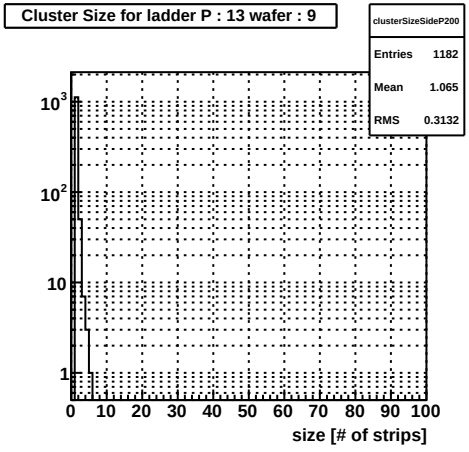

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 4294
Mean 1.026
RMS 0.1623
size [# of strips]

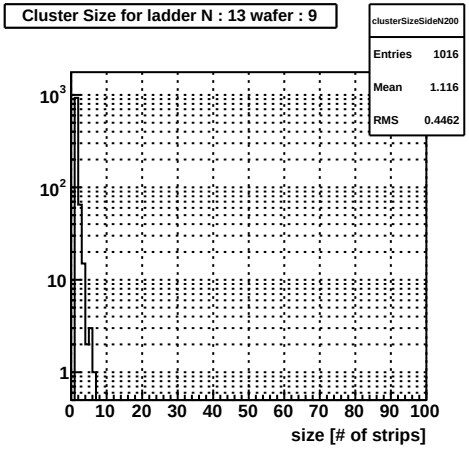

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 648
Mean 1.147
RMS 0.543
size [# of strips]

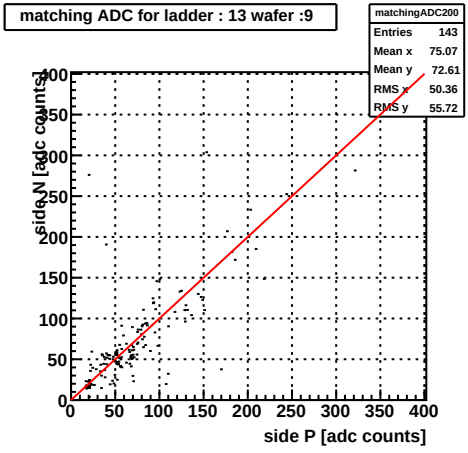

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 45
Mean x 43.29
Mean y 45.2
RMS x 43.79
RMS y 57.12
side N [adc counts]
side P [adc counts]

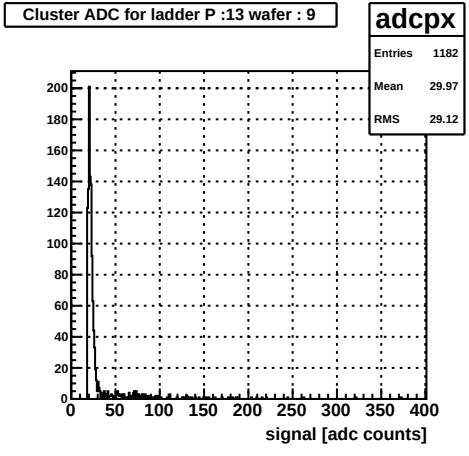

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 4294
Mean 26.58
RMS 9.07
signal [adc counts]

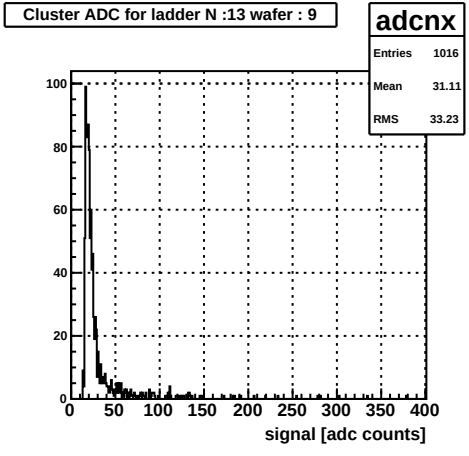

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 648
Mean 34.68
RMS 37.65
signal [adc counts]

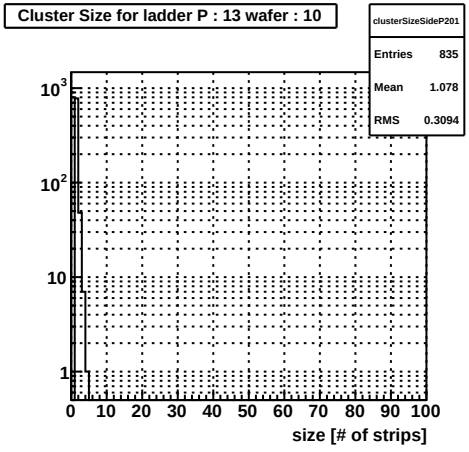

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 1182
Mean 1.065
RMS 0.3132
size [# of strips]

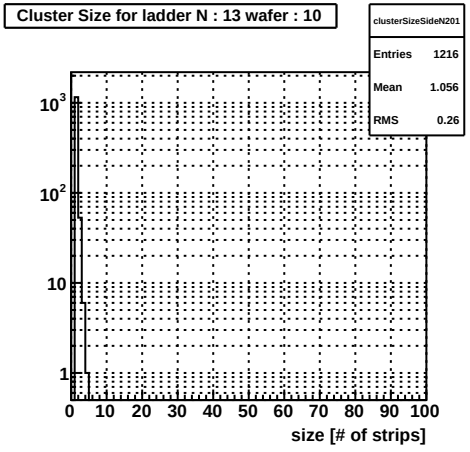

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 1016
Mean 1.116
RMS 0.4462
size [# of strips]

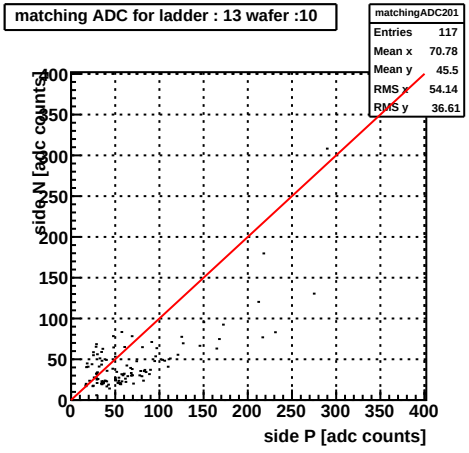

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 143
Mean x 75.07
Mean y 72.61
RMS x 50.36
RMS y 55.72
side N [adc counts]
side P [adc counts]

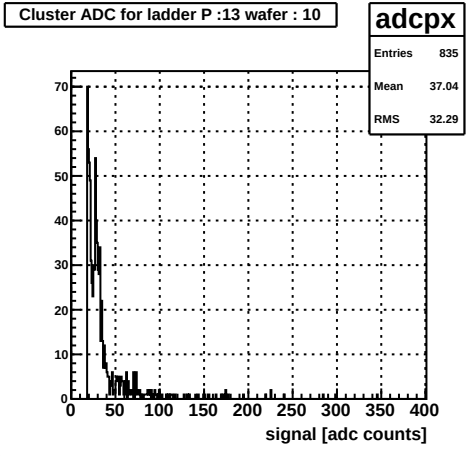

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 1182
Mean 29.97
RMS 29.12
signal [adc counts]

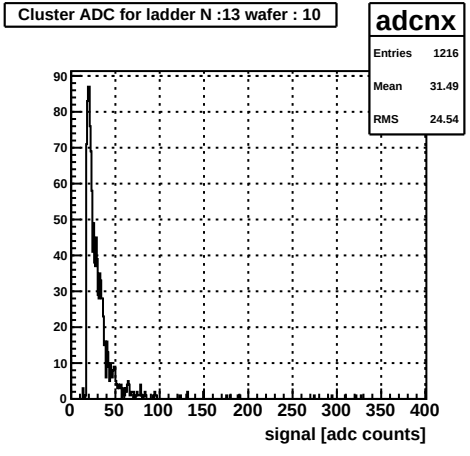

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 1016
Mean 31.11
RMS 33.23
signal [adc counts]

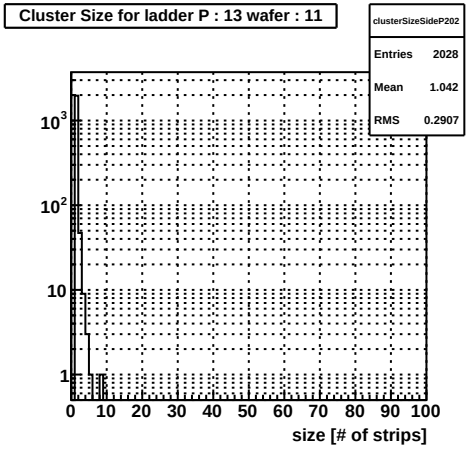

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 835
Mean 1.078
RMS 0.3094
size [# of strips]

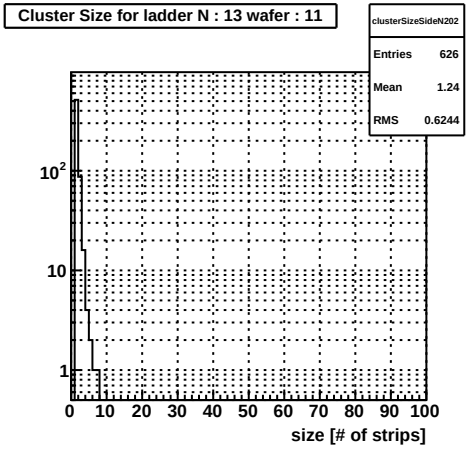

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 1216
Mean 1.056
RMS 0.26
size [# of strips]

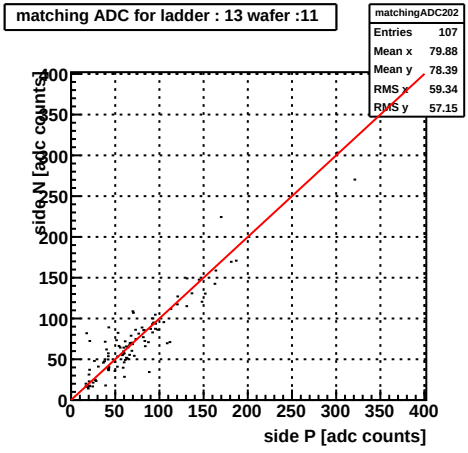

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 117
Mean x 70.78
Mean y 45.5
RMS x 54.14
RMS y 36.61
side N [adc counts]
side P [adc counts]

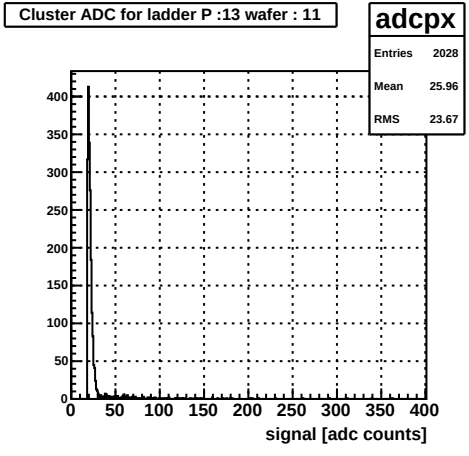

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 835
Mean 37.04
RMS 32.29
signal [adc counts]

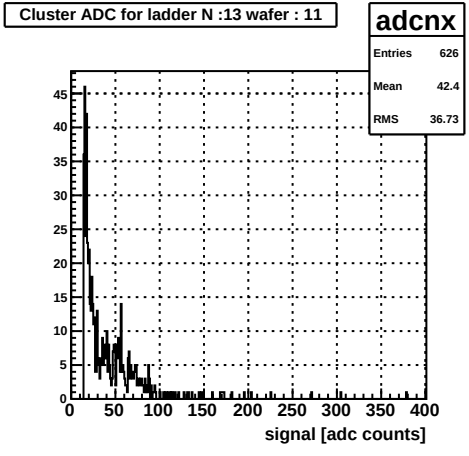

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 1216
Mean 31.49
RMS 24.54
signal [adc counts]

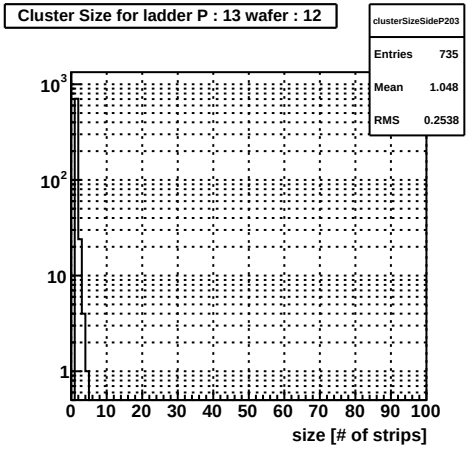

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 2028
Mean 1.042
RMS 0.2907
size [# of strips]

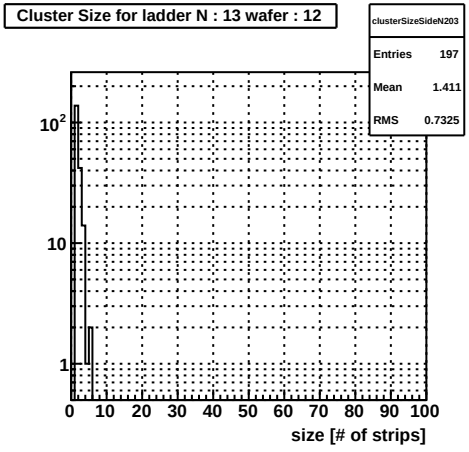

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 626
Mean 1.24
RMS 0.6244
size [# of strips]

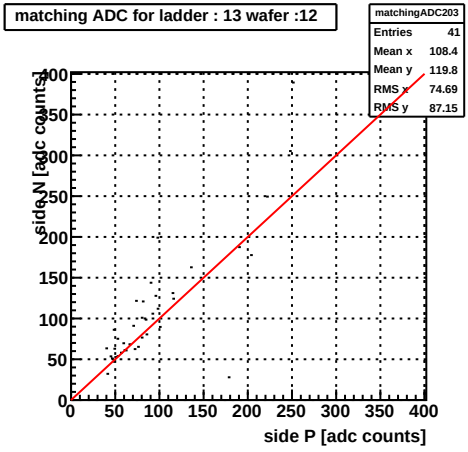

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 107
Mean x 79.88
Mean y 78.39
RMS x 59.34
RMS y 57.15
side N [adc counts]
side P [adc counts]

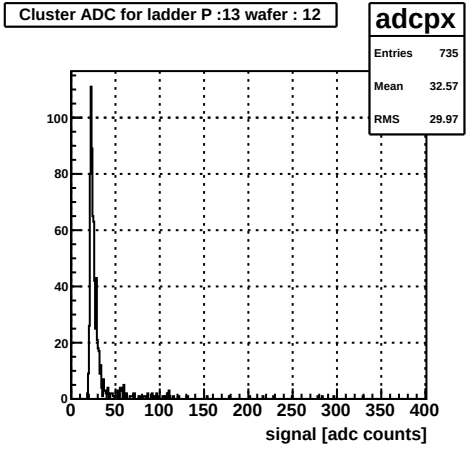

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 2028
Mean 25.96
RMS 23.67
signal [adc counts]

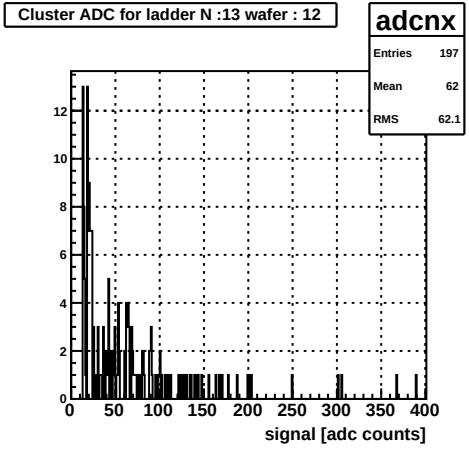

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 626
Mean 42.4
RMS 36.73
signal [adc counts]

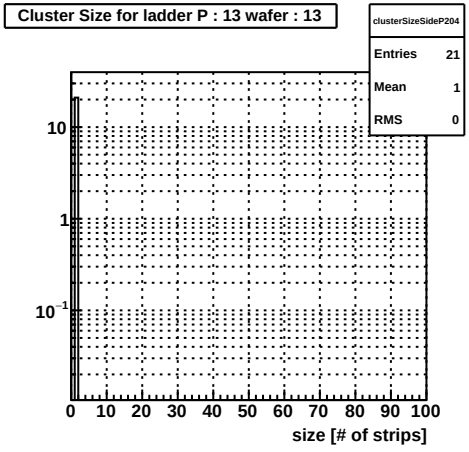

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 735
Mean 1.048
RMS 0.2538
size [# of strips]

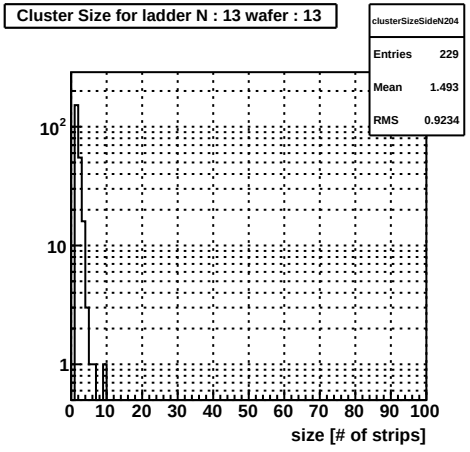

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 197
Mean 1.411
RMS 0.7325
size [# of strips]

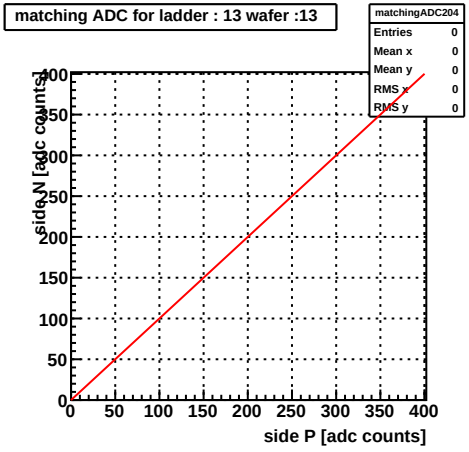

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 41
Mean x 108.4
Mean y 119.8
RMS x 74.69
RMS y 87.15
side N [adc counts]
side P [adc counts]

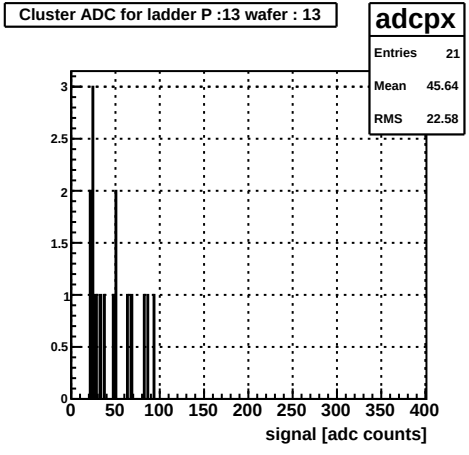

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 735
Mean 32.57
RMS 29.97
signal [adc counts]

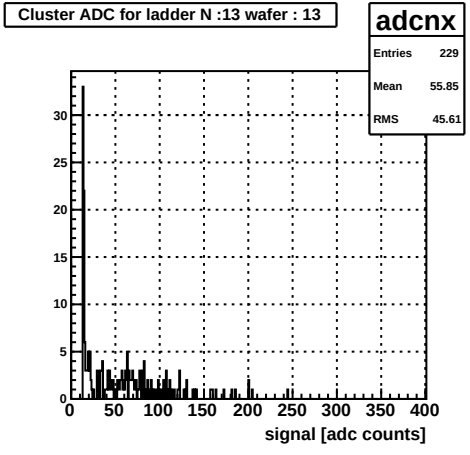

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 197
Mean 62
RMS 62.1
signal [adc counts]

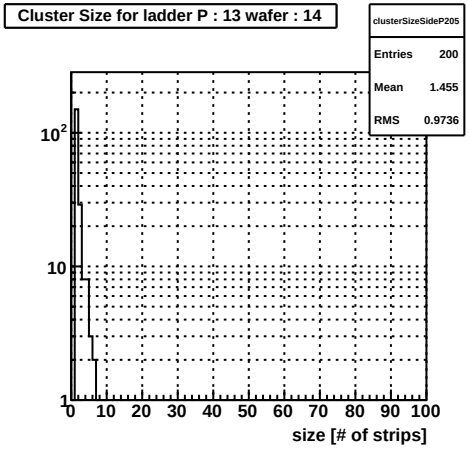

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 21
Mean 1
RMS 0
size [# of strips]

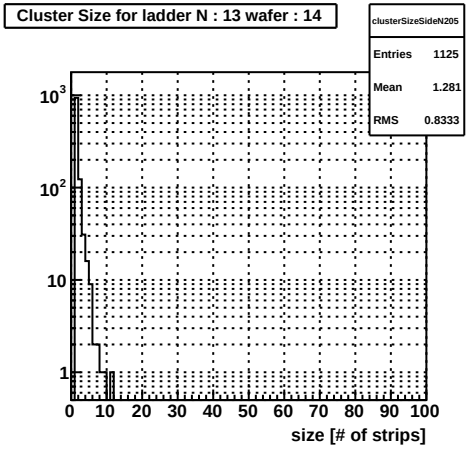

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 229
Mean 1.493
RMS 0.9234
size [# of strips]

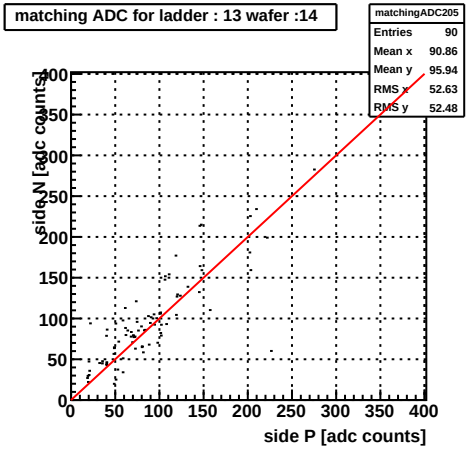

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

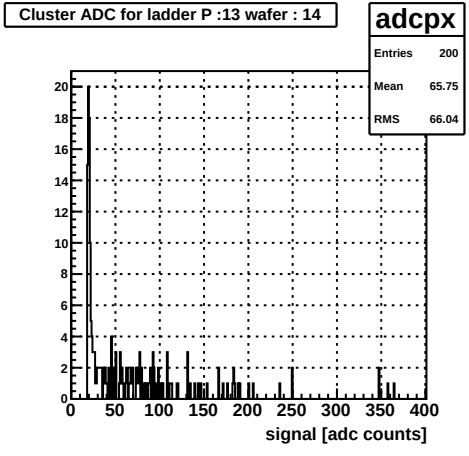

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 21
Mean 45.64
RMS 22.58
signal [adc counts]

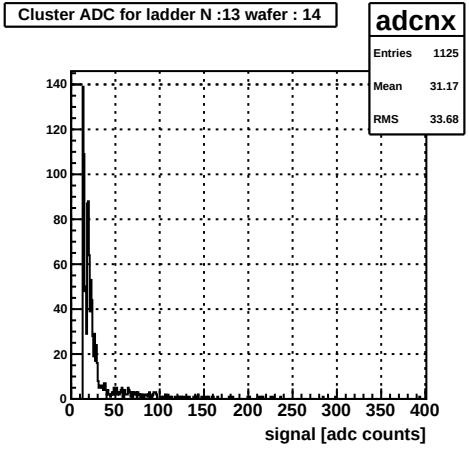

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 229
Mean 55.85
RMS 45.61
signal [adc counts]

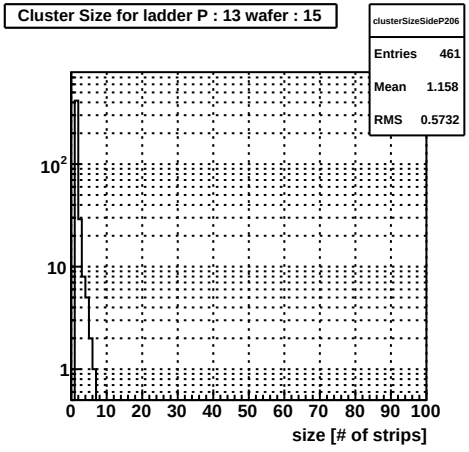

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 200
Mean 1.455
RMS 0.9736
size [# of strips]

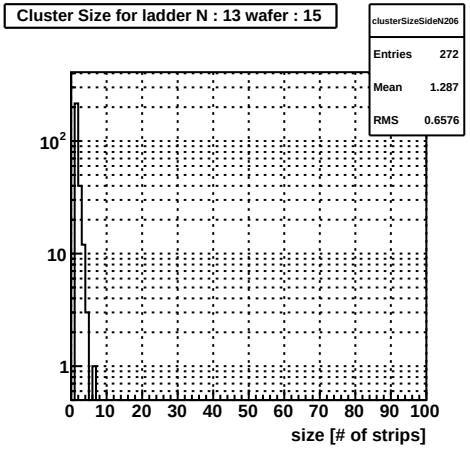

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 1125
Mean 1.281
RMS 0.8333
size [# of strips]

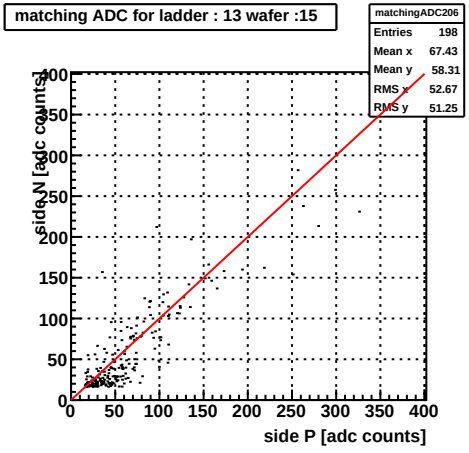

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 90
Mean x 90.86
Mean y 95.94
RMS x 52.63
RMS y 52.48
side N [adc counts]
side P [adc counts]

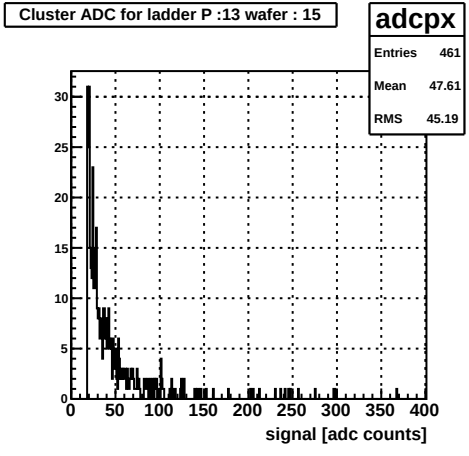

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 200
Mean 65.75
RMS 66.04
signal [adc counts]

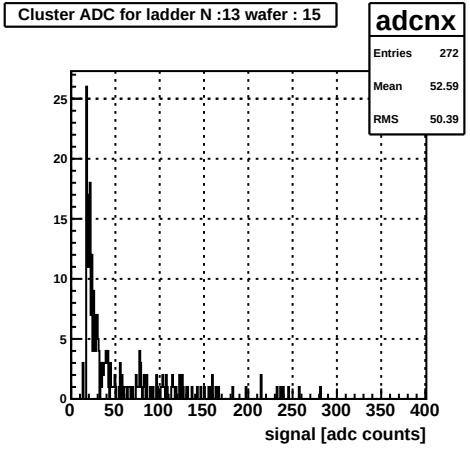

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 1125
Mean 31.17
RMS 33.68
signal [adc counts]

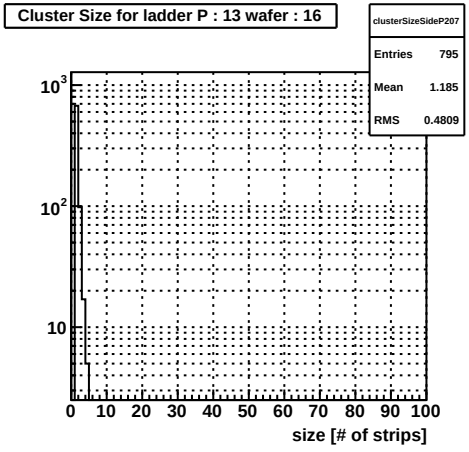

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 461
Mean 1.158
RMS 0.5732
size [# of strips]

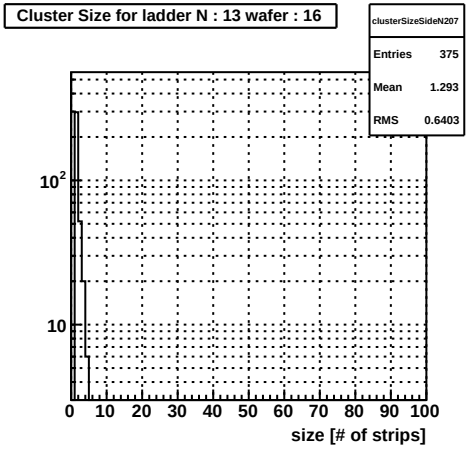

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 272
Mean 1.287
RMS 0.6576
size [# of strips]

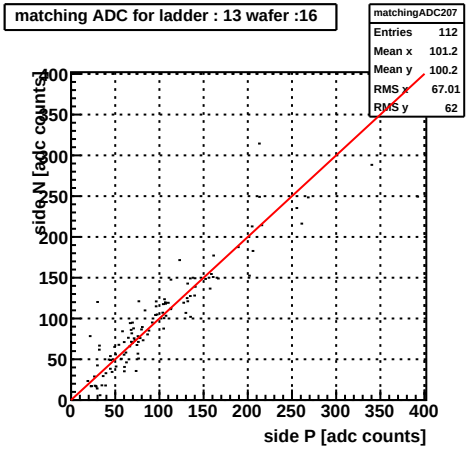

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 198
Mean x 67.43
Mean y 58.31
RMS x 52.67
RMS y 51.25
side N [adc counts]
side P [adc counts]

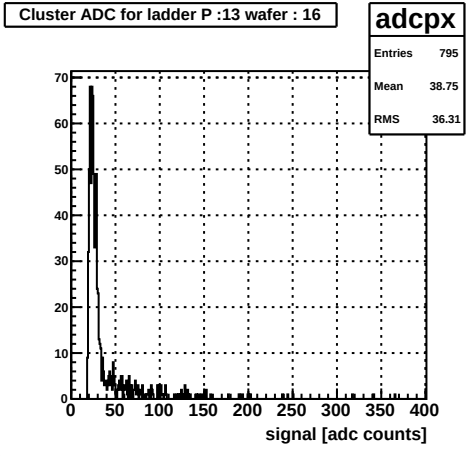

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 461
Mean 47.61
RMS 45.19
signal [adc counts]

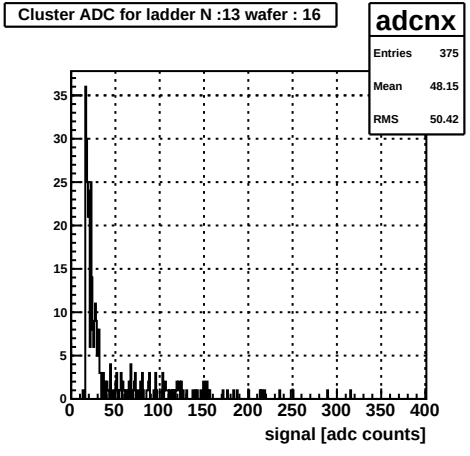

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 272
Mean 52.59
RMS 50.39
signal [adc counts]

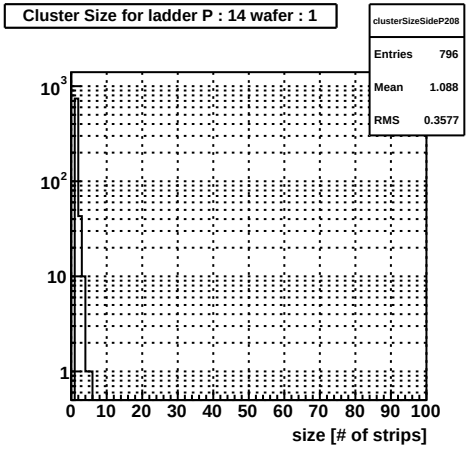

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 795
Mean 1.185
RMS 0.4809
size [# of strips]

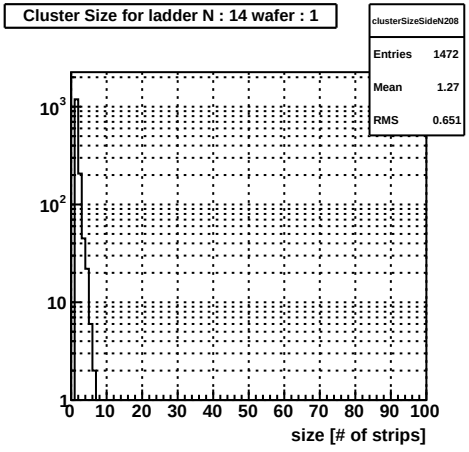

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 375
Mean 1.293
RMS 0.6403
size [# of strips]

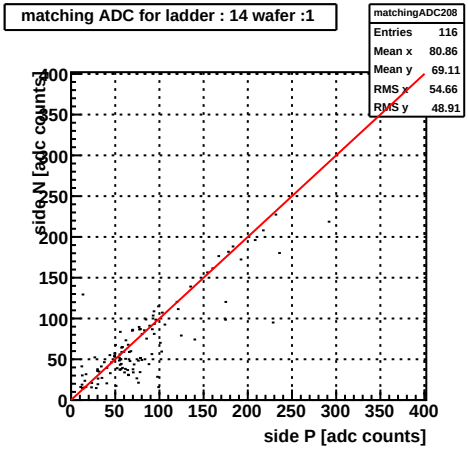

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 112
Mean x 101.2
Mean y 100.2
RMS x 67.01
RMS y 62
side N [adc counts]
side P [adc counts]

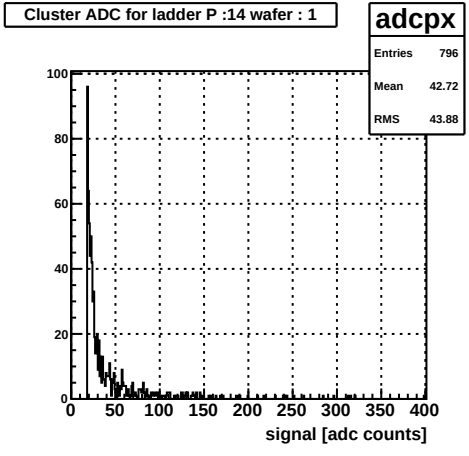

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 795
Mean 38.75
RMS 36.31
signal [adc counts]

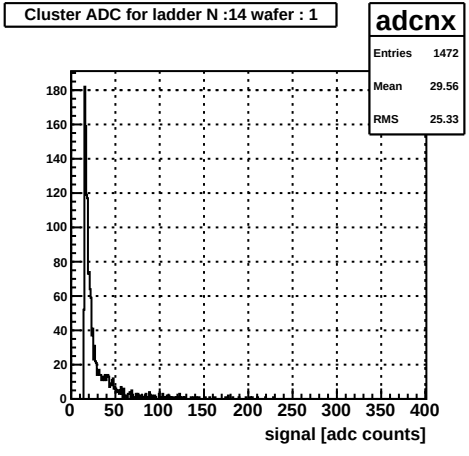

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 375
Mean 48.15
RMS 50.42
signal [adc counts]

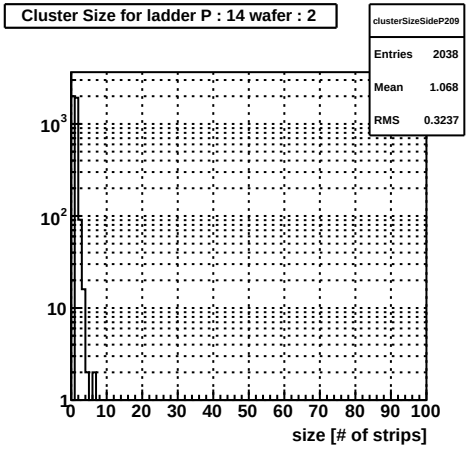

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 796
Mean 1.088
RMS 0.3577
size [# of strips]

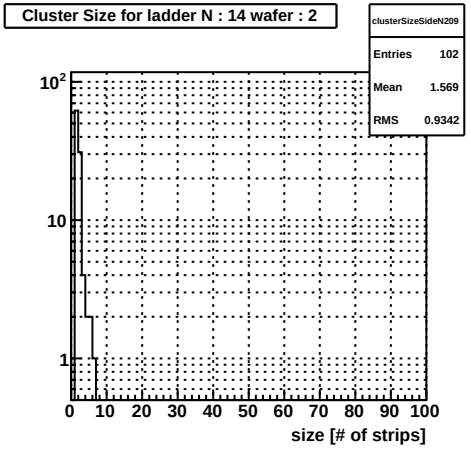

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 1472
Mean 1.27
RMS 0.651
size [# of strips]

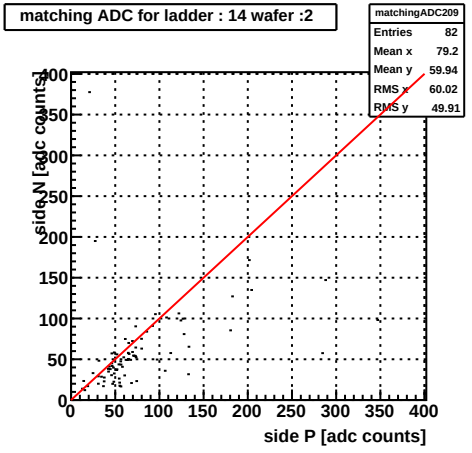

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 116
Mean x 80.86
Mean y 69.11
RMS x 54.66
RMS y 48.91
side N [adc counts]
side P [adc counts]

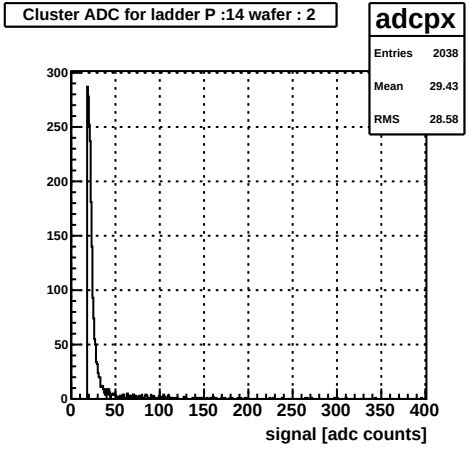

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 796
Mean 42.72
RMS 43.88
signal [adc counts]

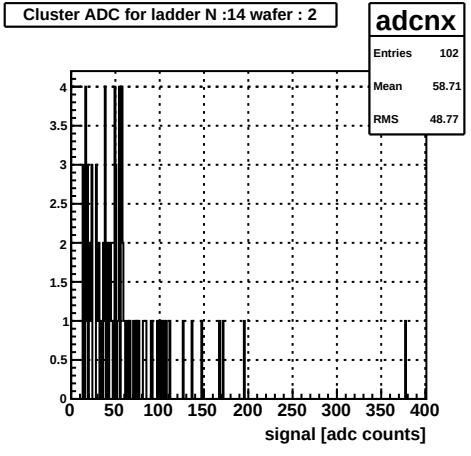

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 1472
Mean 29.56
RMS 25.33
signal [adc counts]

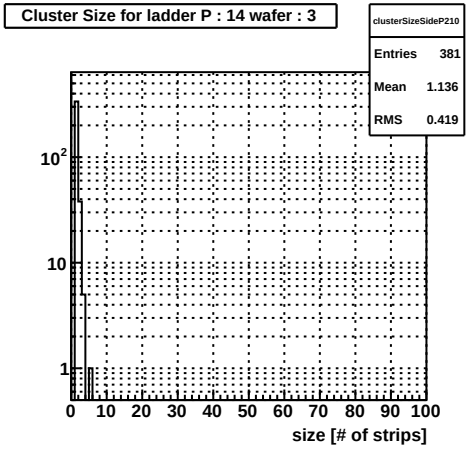

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 2038
Mean 1.068
RMS 0.3237
size [# of strips]

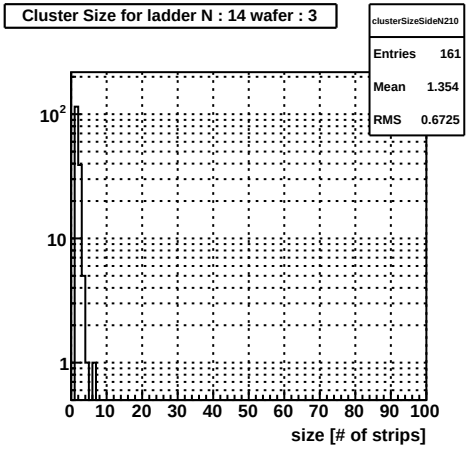

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 102
Mean 1.569
RMS 0.9342
size [# of strips]

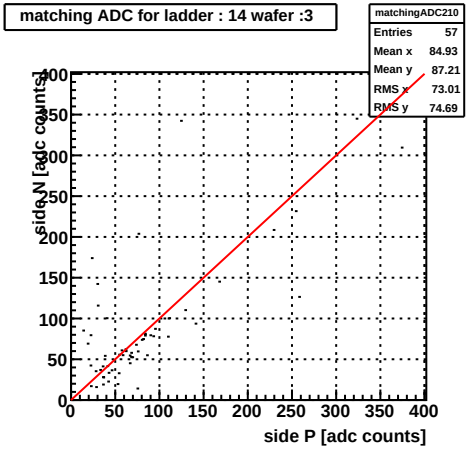

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 82
Mean x 79.2
Mean y 59.94
RMS x 60.02
RMS y 49.91
side N [adc counts]
side P [adc counts]

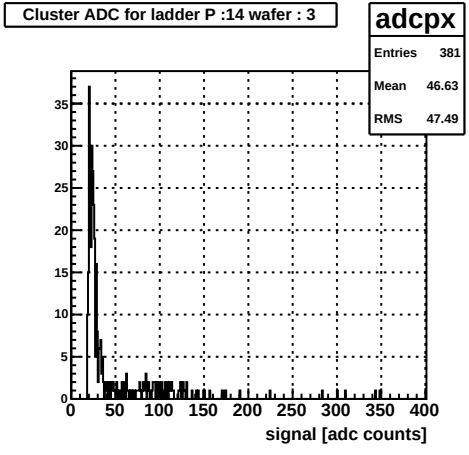

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 2038
Mean 29.43
RMS 28.58
signal [adc counts]

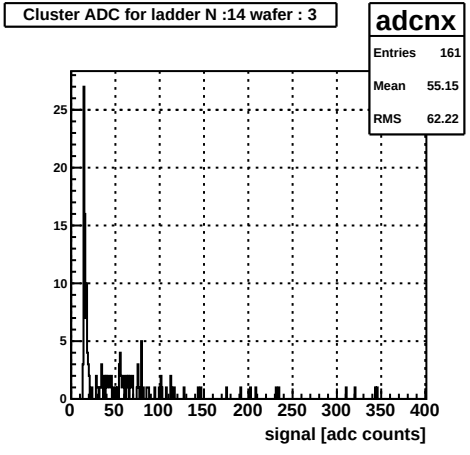

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 102
Mean 58.71
RMS 48.77
signal [adc counts]

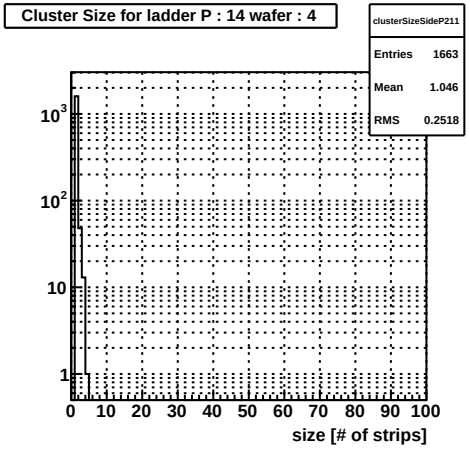

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 381
Mean 1.136
RMS 0.419
size [# of strips]

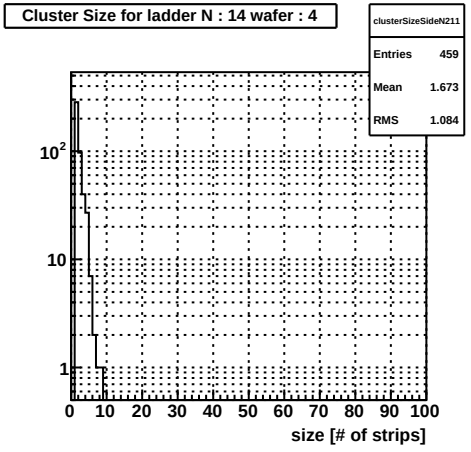

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 161
Mean 1.354
RMS 0.6725
size [# of strips]

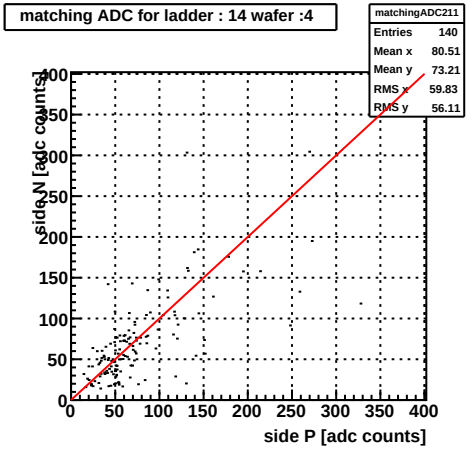

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 57
Mean x 84.93
Mean y 87.21
RMS x 73.01
RMS y 74.69
side N [adc counts]
side P [adc counts]

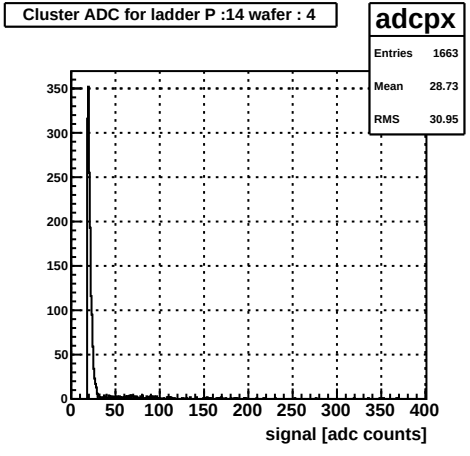

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 381
Mean 46.63
RMS 47.49
signal [adc counts]

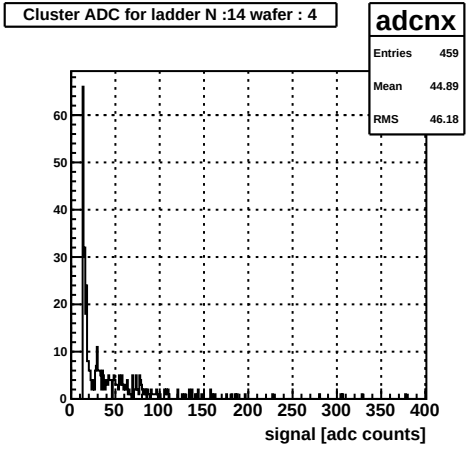

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 161
Mean 55.15
RMS 62.22
signal [adc counts]

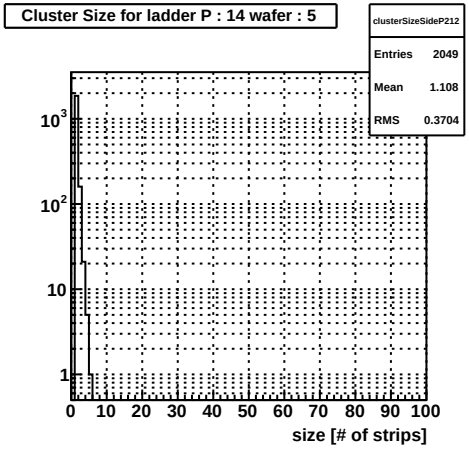

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 1663
Mean 1.046
RMS 0.2518
size [# of strips]

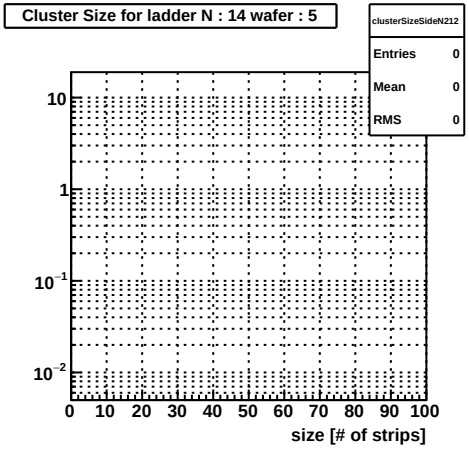

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 459
Mean 1.673
RMS 1.084
size [# of strips]

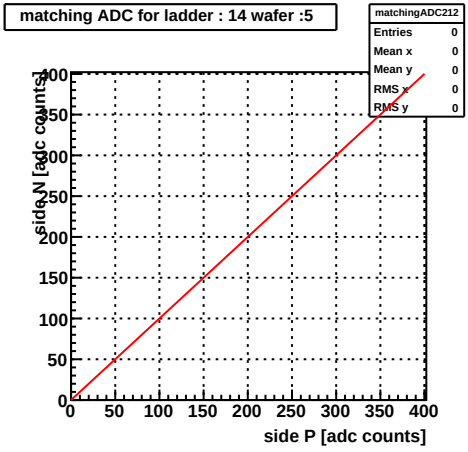

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 140
Mean x 80.51
Mean y 73.21
RMS x 59.83
RMS y 56.11
side N [adc counts]
side P [adc counts]

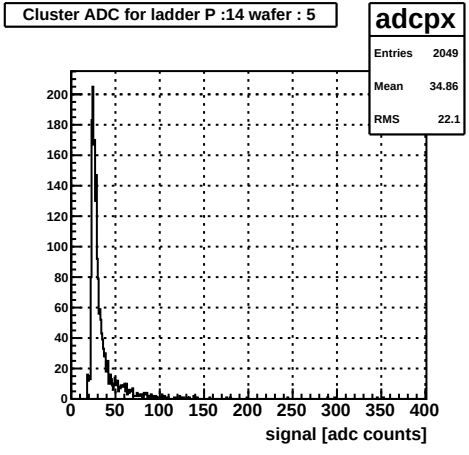

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 1663
Mean 28.73
RMS 30.95
signal [adc counts]

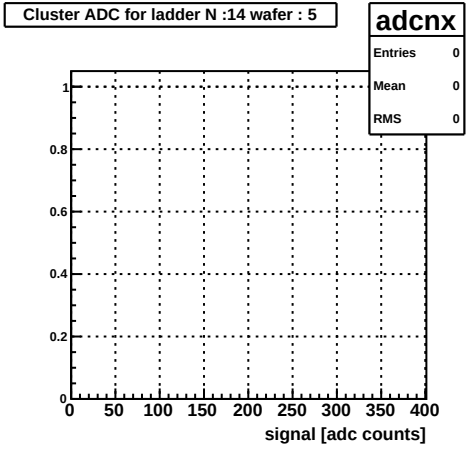

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 459
Mean 44.89
RMS 46.18
signal [adc counts]

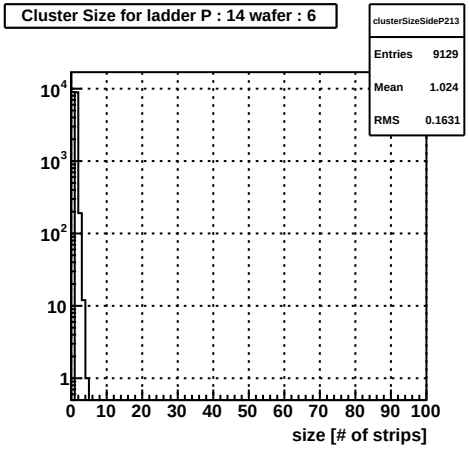

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 2049
Mean 1.108
RMS 0.3704
size [# of strips]

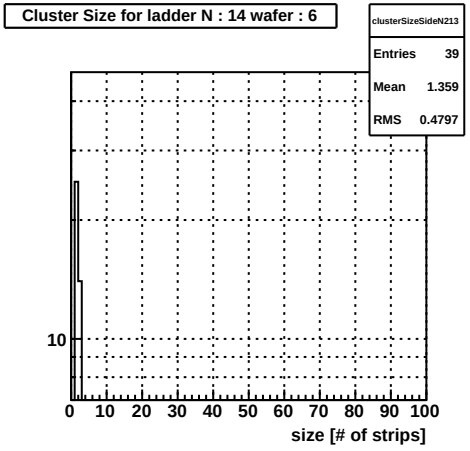

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

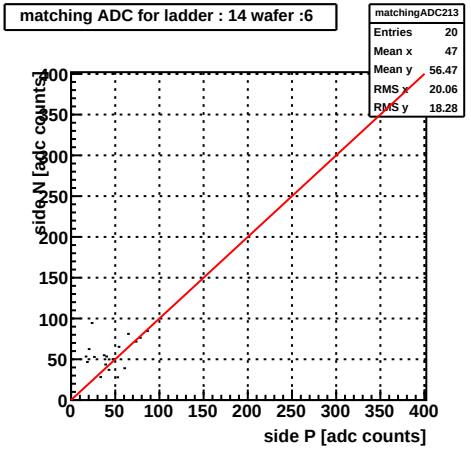

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

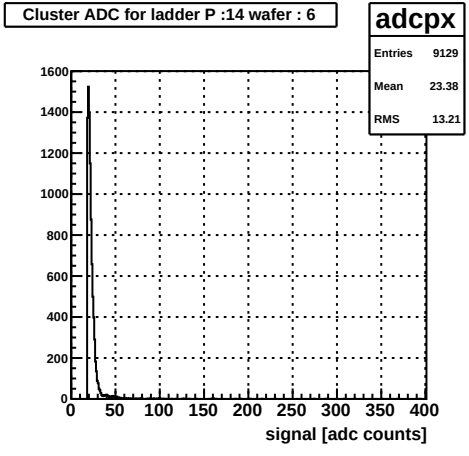

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 2049
Mean 34.86
RMS 22.1
signal [adc counts]

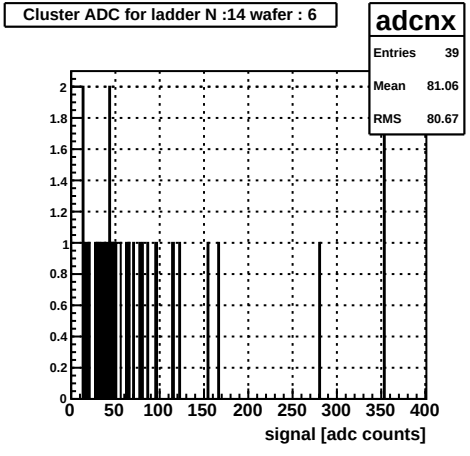

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

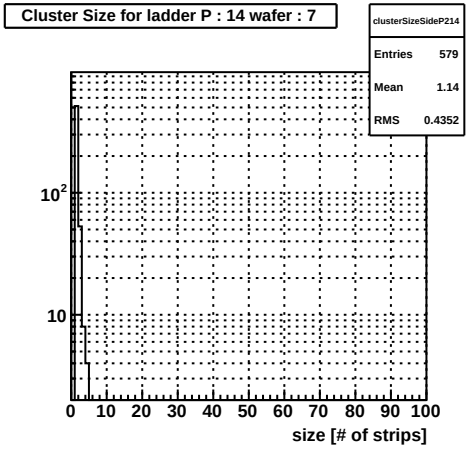

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 9129
Mean 1.024
RMS 0.1631
size [# of strips]

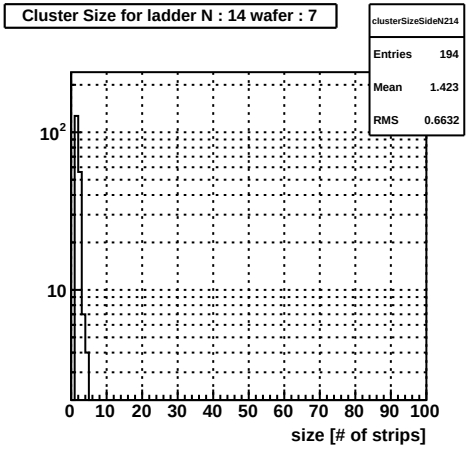

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 39
Mean 1.359
RMS 0.4797
size [# of strips]

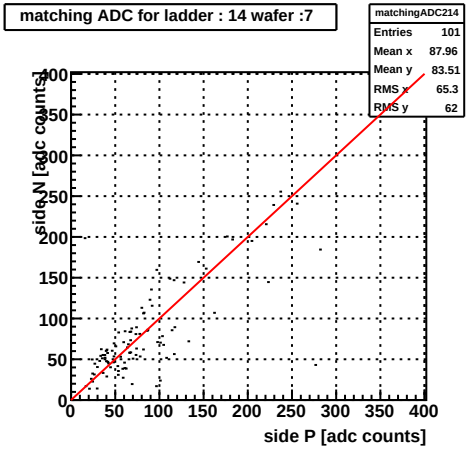

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 20
Mean x 47
Mean y 56.47
RMS x 20.06
RMS y 18.28
side N [adc counts]
side P [adc counts]

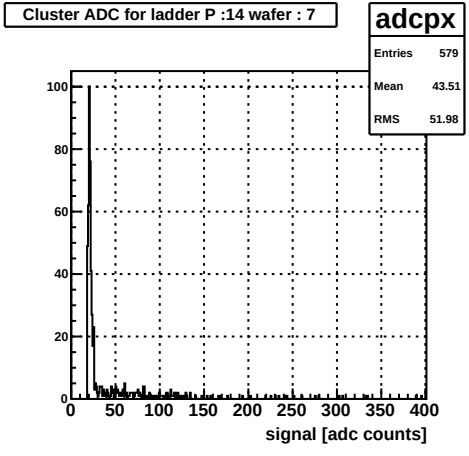

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 9129
Mean 23.38
RMS 13.21
signal [adc counts]

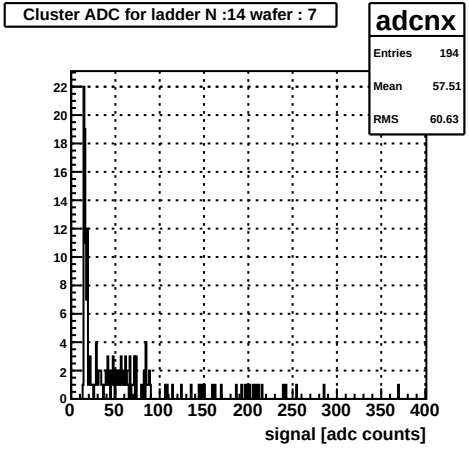

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 39
Mean 81.06
RMS 80.67
signal [adc counts]

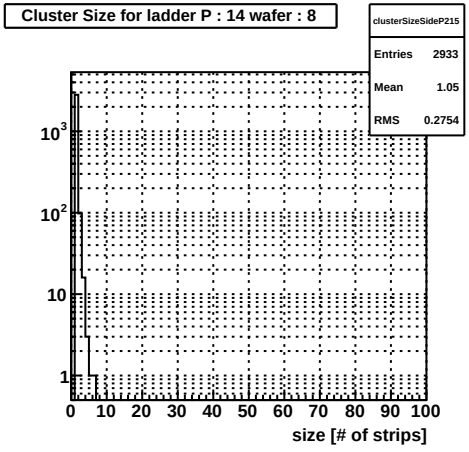

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 579
Mean 1.14
RMS 0.4352
size [# of strips]

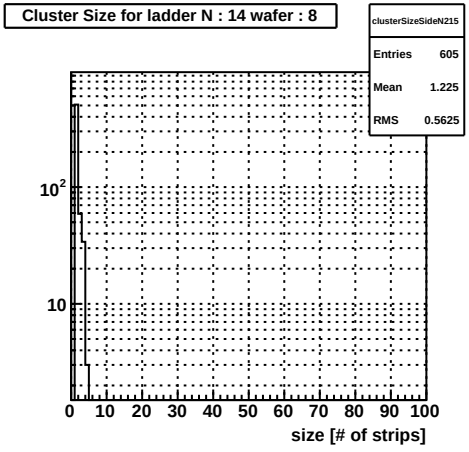

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 194
Mean 1.423
RMS 0.6632
size [# of strips]

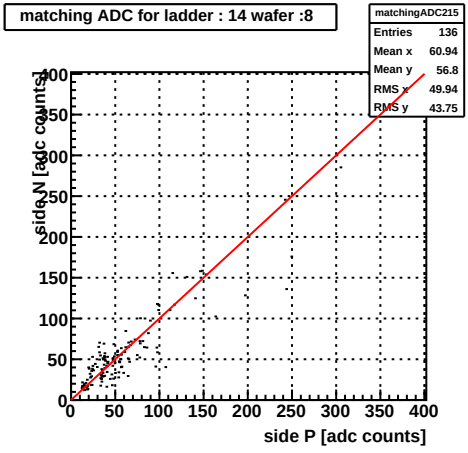

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 101
Mean x 87.96
Mean y 83.51
RMS x 65.3
RMS y 62
side N [adc counts]
side P [adc counts]

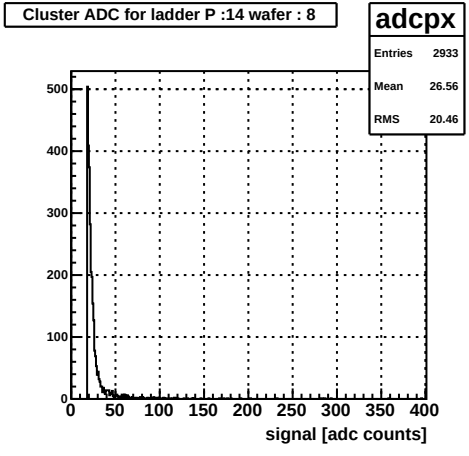

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 579
Mean 43.51
RMS 51.98
signal [adc counts]

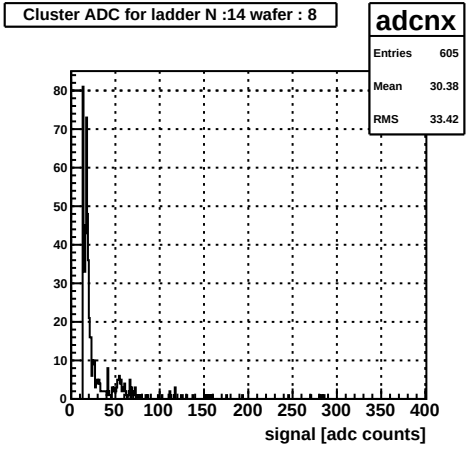

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 194
Mean 57.51
RMS 60.63
signal [adc counts]

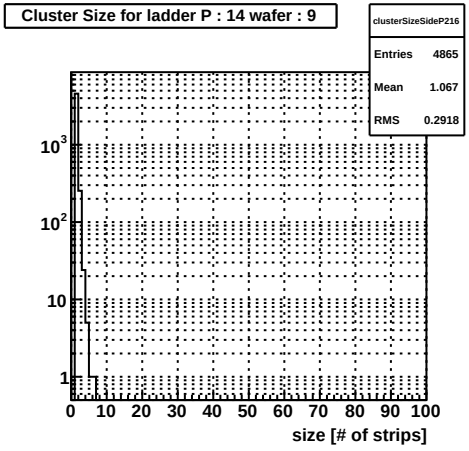

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 2933
Mean 1.05
RMS 0.2754
size [# of strips]

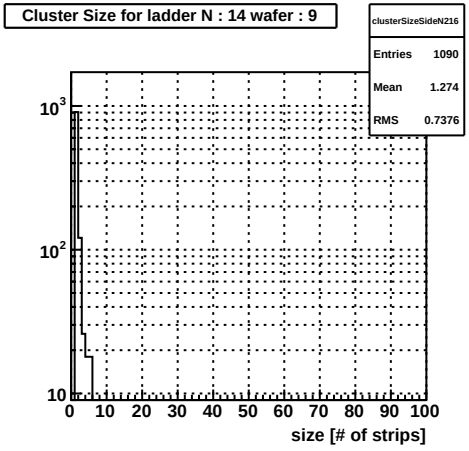

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 605
Mean 1.225
RMS 0.5625
size [# of strips]

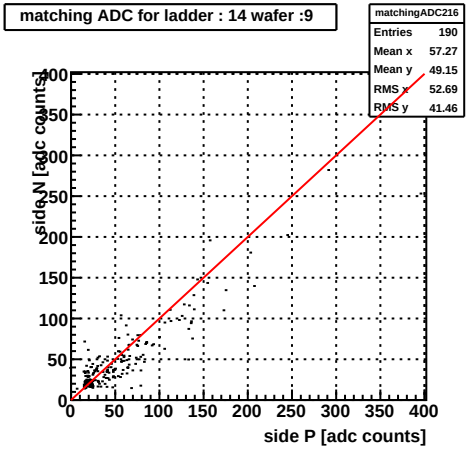

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 136
Mean x 60.94
Mean y 56.8
RMS x 49.94
RMS y 43.75
side N [adc counts]
side P [adc counts]

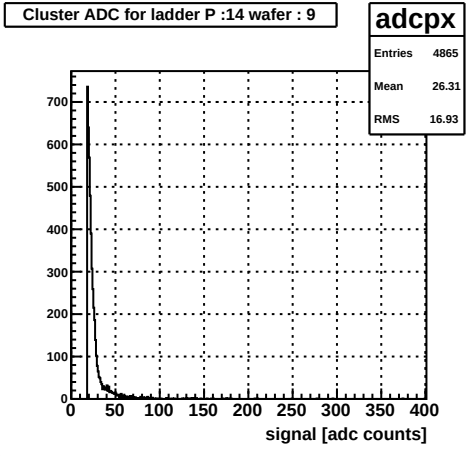

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 2933
Mean 26.56
RMS 20.46
signal [adc counts]

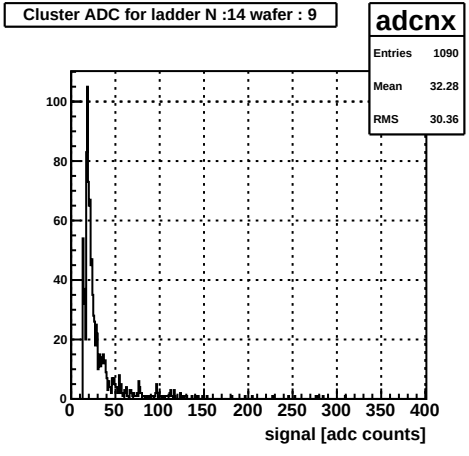

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 605
Mean 30.38
RMS 33.42
signal [adc counts]

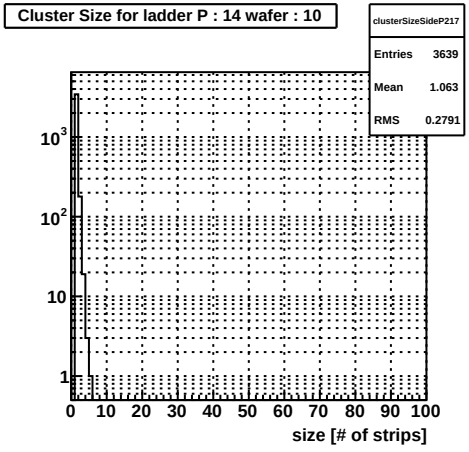

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 4865
Mean 1.067
RMS 0.2918
size [# of strips]

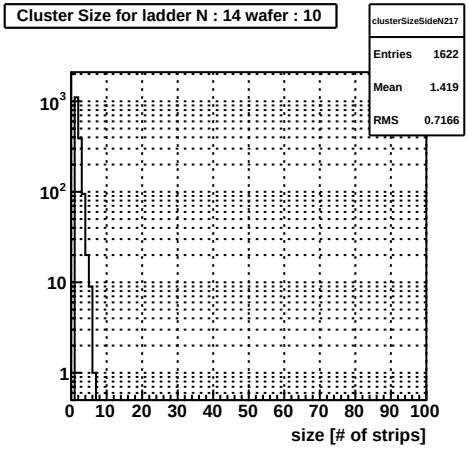

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 1090
Mean 1.274
RMS 0.7376
size [# of strips]

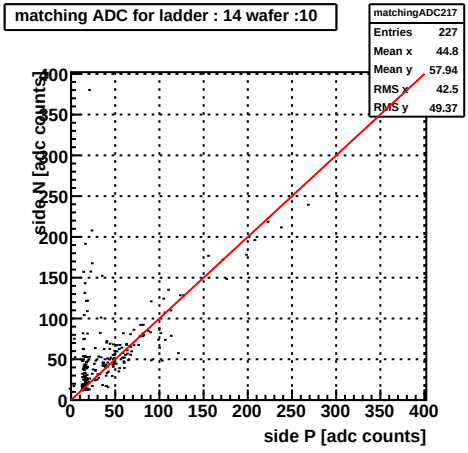

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 190
Mean x 57.27
Mean y 49.15
RMS x 52.69
RMS y 41.46
side N [adc counts]
side P [adc counts]

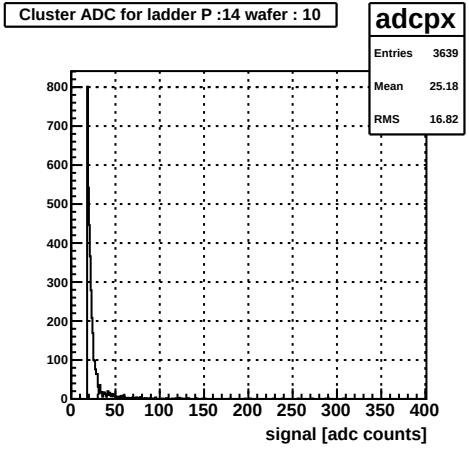

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 4865
Mean 26.31
RMS 16.93
signal [adc counts]

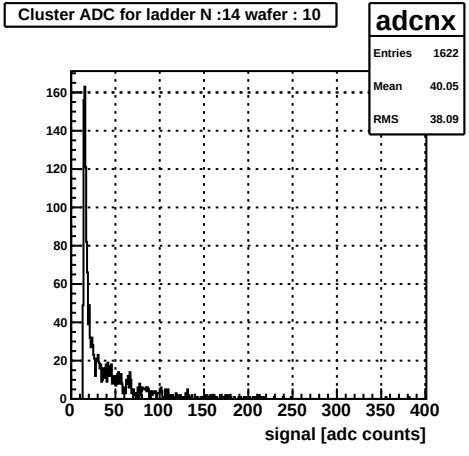

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 1090
Mean 32.28
RMS 30.36
signal [adc counts]

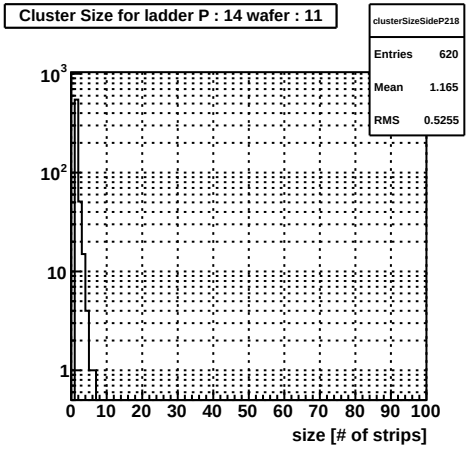

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 3639
Mean 1.063
RMS 0.2791
size [# of strips]

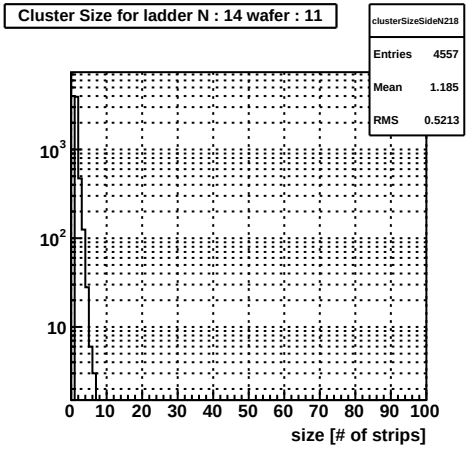

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 1622
Mean 1.419
RMS 0.7166
size [# of strips]

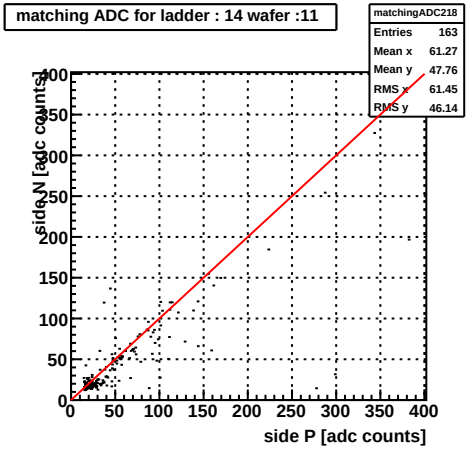

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 227
Mean x 44.8
Mean y 57.94
RMS x 42.5
RMS y 49.37
side N [adc counts]
side P [adc counts]

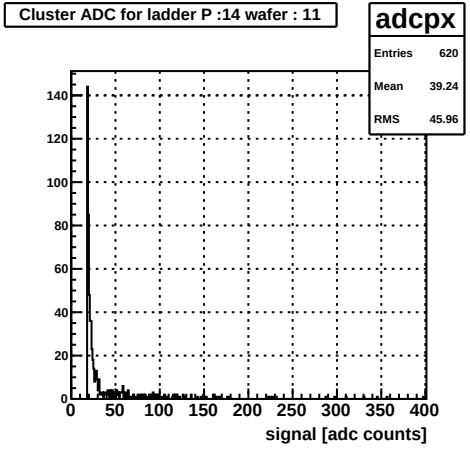

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 3639
Mean 25.18
RMS 16.82
signal [adc counts]

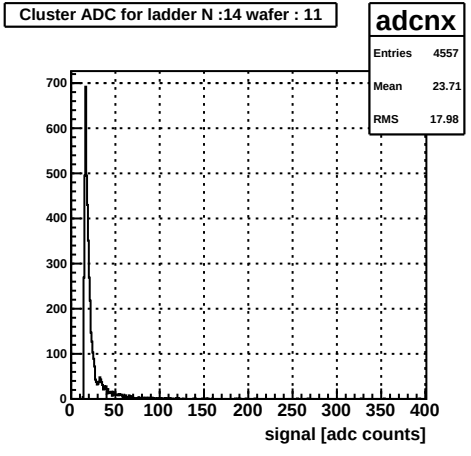

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 1622
Mean 40.05
RMS 38.09
signal [adc counts]

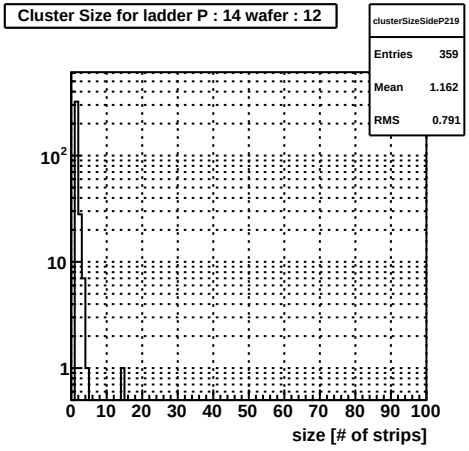

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 620
Mean 1.165
RMS 0.5255
size [# of strips]

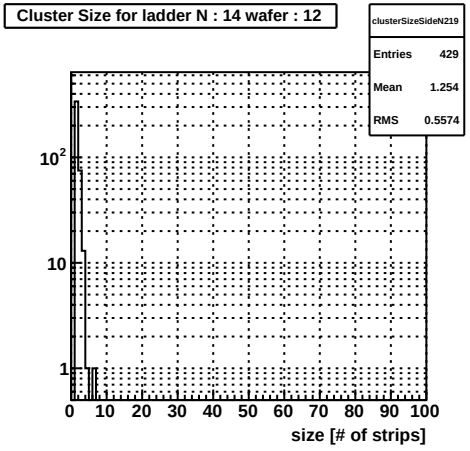

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 4557
Mean 1.185
RMS 0.5213
size [# of strips]

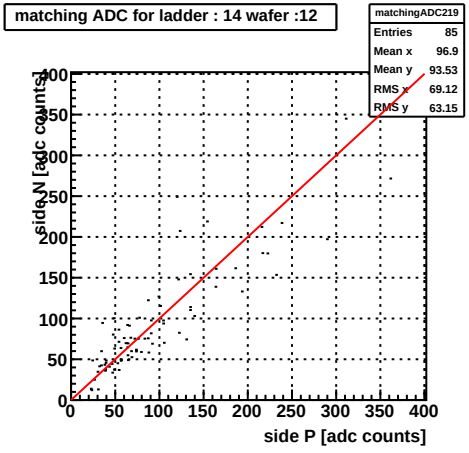

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 163
Mean x 61.27
Mean y 47.76
RMS x 61.45
RMS y 46.14
side N [adc counts]
side P [adc counts]

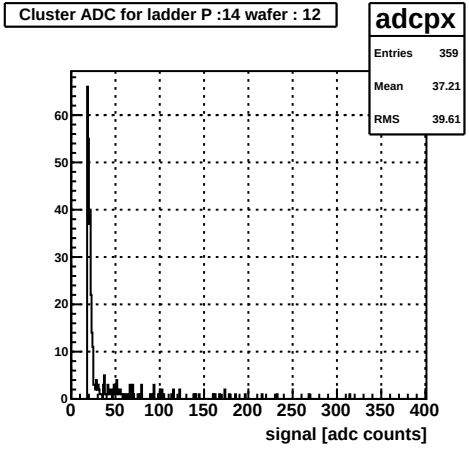

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 620
Mean 39.24
RMS 45.96
signal [adc counts]

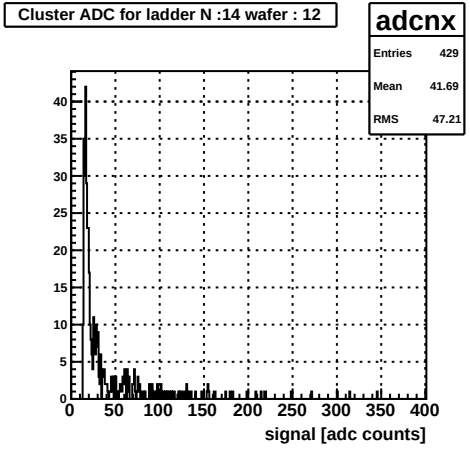

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 4557
Mean 23.71
RMS 17.98
signal [adc counts]

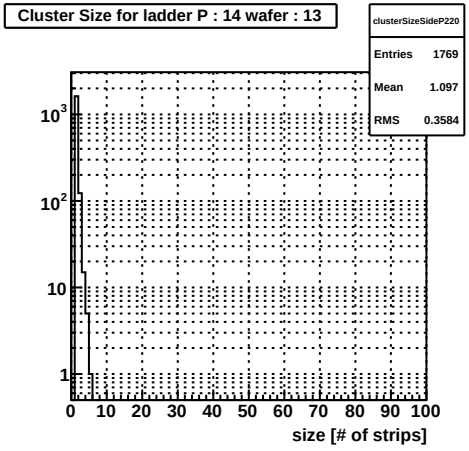

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 359
Mean 1.162
RMS 0.791
size [# of strips]

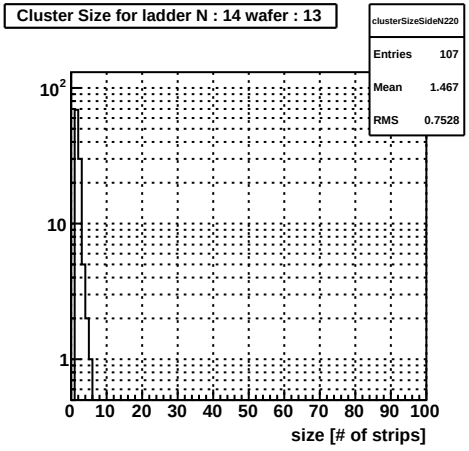

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 429
Mean 1.254
RMS 0.5574
size [# of strips]

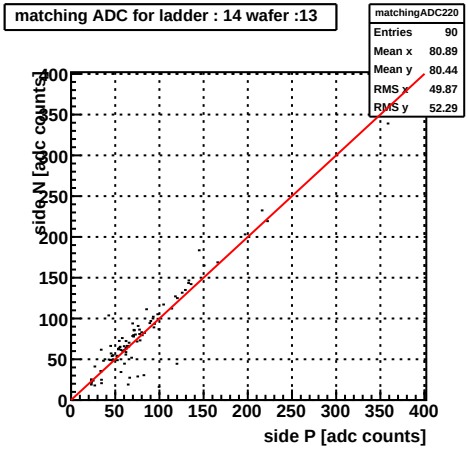

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 85
Mean x 96.9
Mean y 93.53
RMS x 69.12
RMS y 63.15
side N [adc counts]
side P [adc counts]

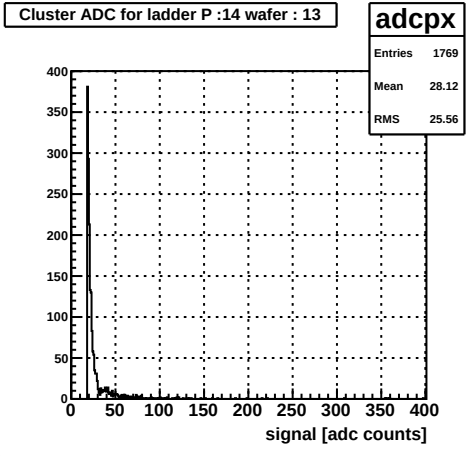

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 359
Mean 37.21
RMS 39.61
signal [adc counts]

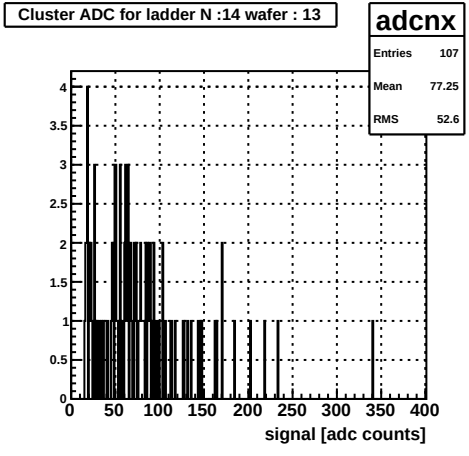

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 429
Mean 41.69
RMS 47.21
signal [adc counts]

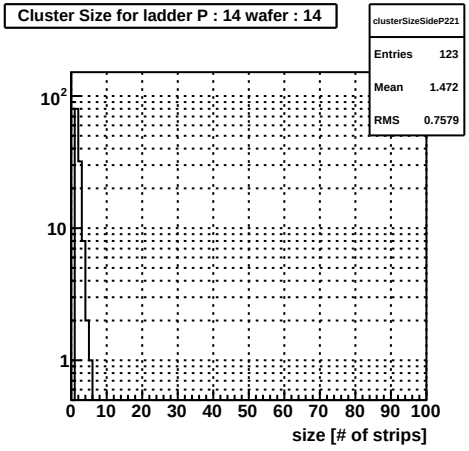

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 1769
Mean 1.097
RMS 0.3584
size [# of strips]

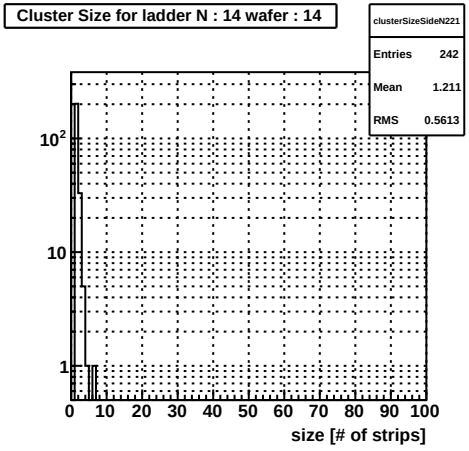

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 107
Mean 1.467
RMS 0.7528
size [# of strips]

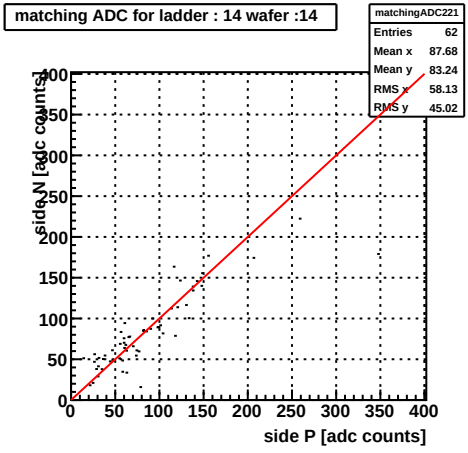

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 90
Mean x 80.89
Mean y 80.44
RMS x 49.87
RMS y 52.29
side N [adc counts]
side P [adc counts]

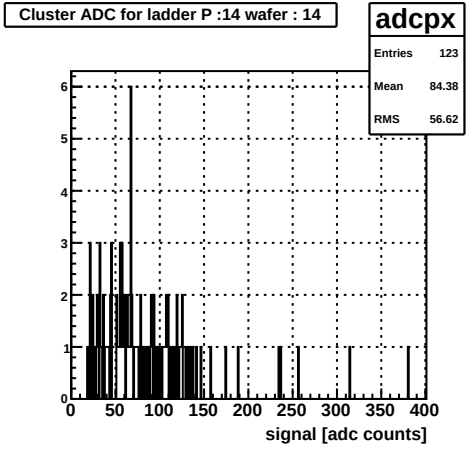

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 1769
Mean 28.12
RMS 25.56
signal [adc counts]

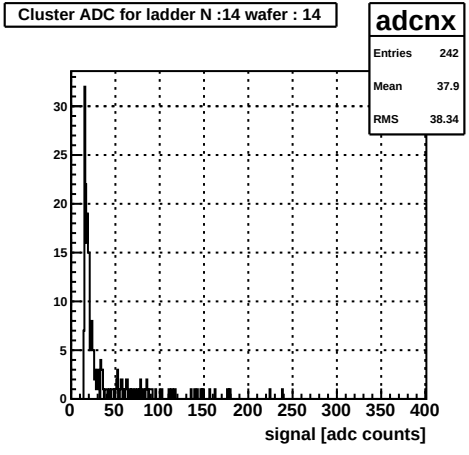

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 107
Mean 77.25
RMS 52.6
signal [adc counts]

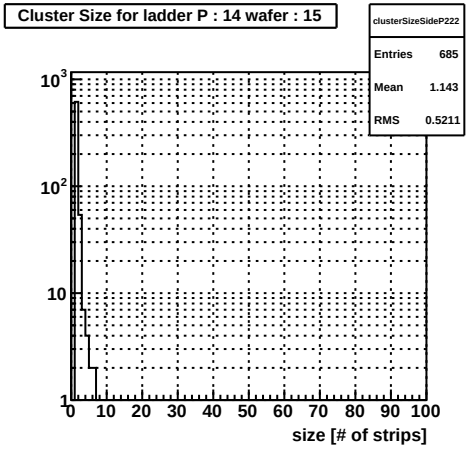

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 123
Mean 1.472
RMS 0.7579
size [# of strips]

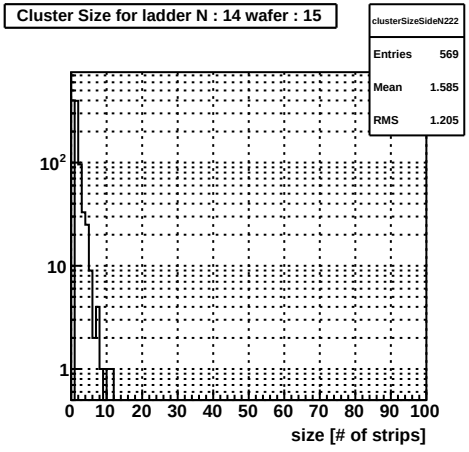

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 242
Mean 1.211
RMS 0.5613
size [# of strips]

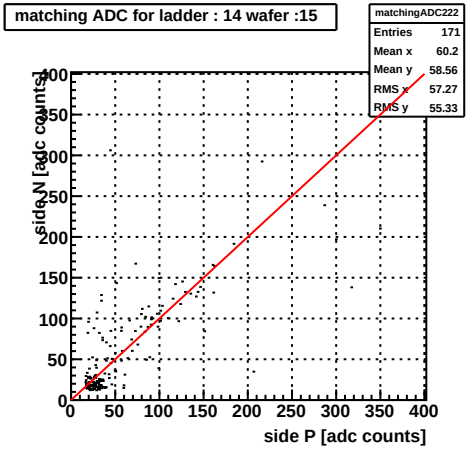

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 62
Mean x 87.68
Mean y 83.24
RMS x 58.13
RMS y 45.02
side N [adc counts]
side P [adc counts]

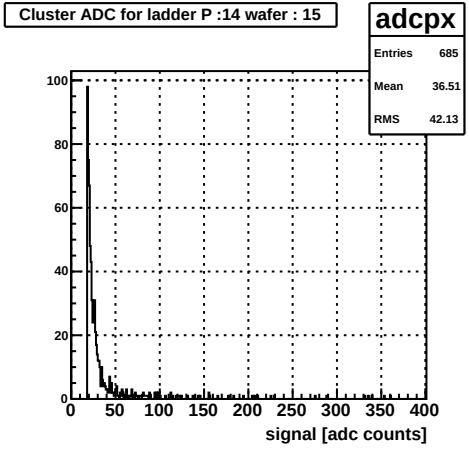

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 123
Mean 84.38
RMS 56.62
signal [adc counts]

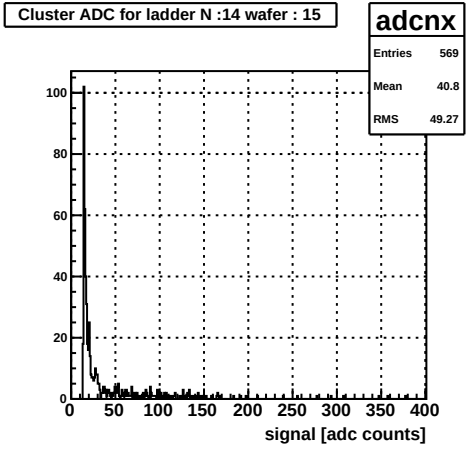

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 242
Mean 37.9
RMS 38.34
signal [adc counts]

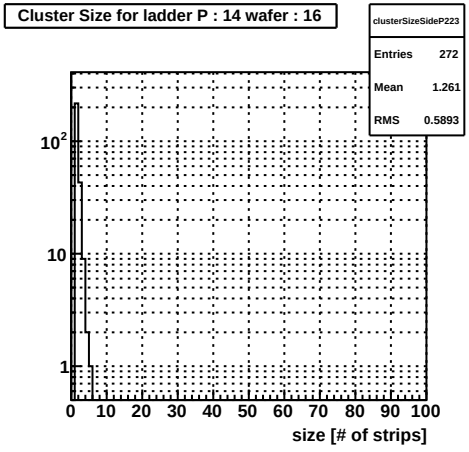

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 685
Mean 1.143
RMS 0.5211
size [# of strips]

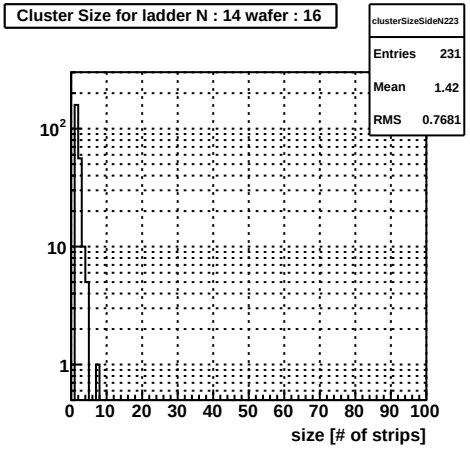

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 569
Mean 1.585
RMS 1.205
size [# of strips]

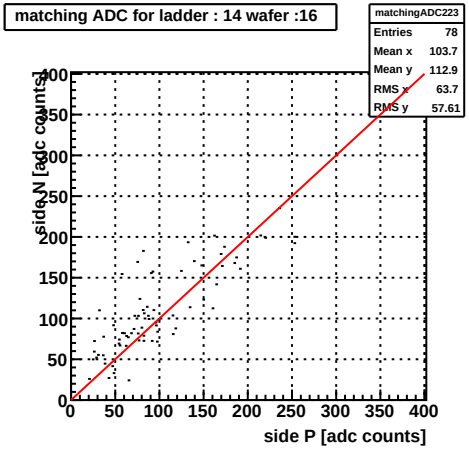

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 171
Mean x 60.2
Mean y 58.56
RMS x 57.27
RMS y 55.33
side N [adc counts]
side P [adc counts]

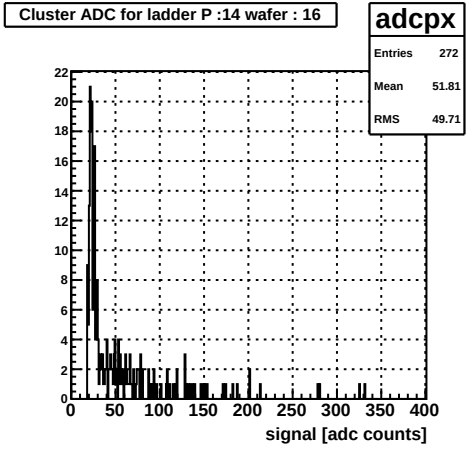

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 685
Mean 36.51
RMS 42.13
signal [adc counts]

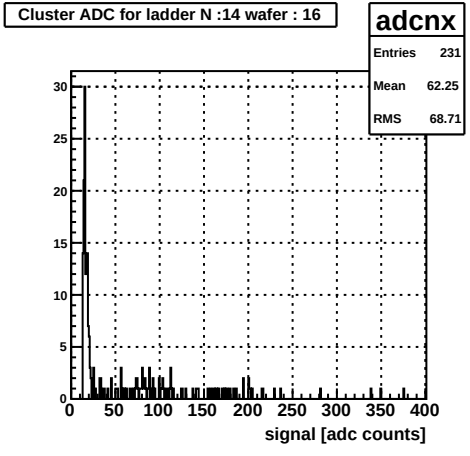

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 569
Mean 40.8
RMS 49.27
signal [adc counts]

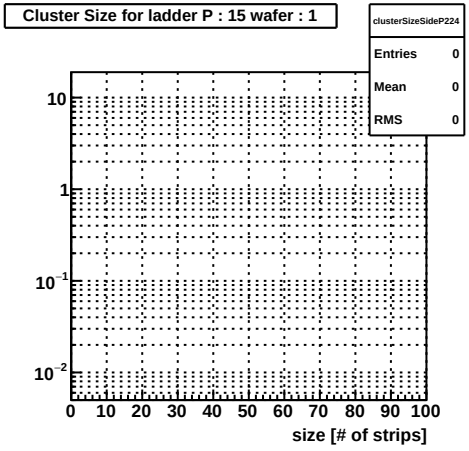

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 272
Mean 1.261
RMS 0.5893
size [# of strips]

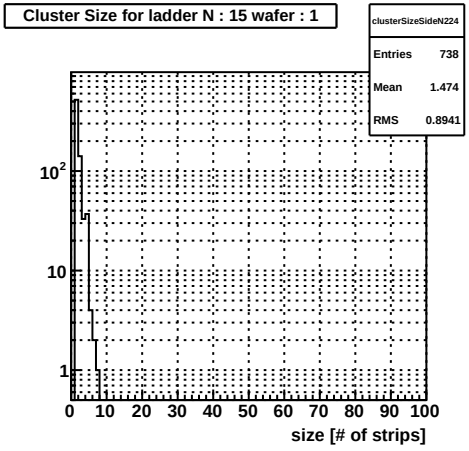

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 231
Mean 1.42
RMS 0.7681
size [# of strips]

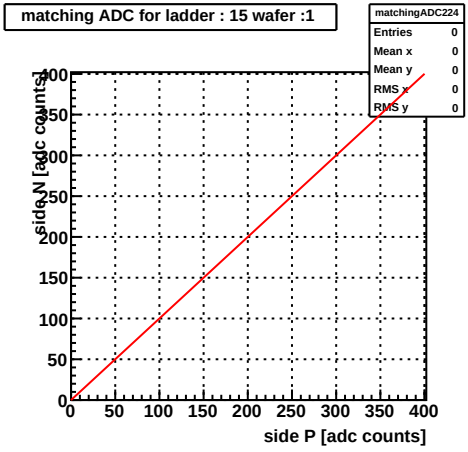

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 78
Mean x 103.7
Mean y 112.9
RMS x 63.7
RMS y 57.61
side N [adc counts]
side P [adc counts]

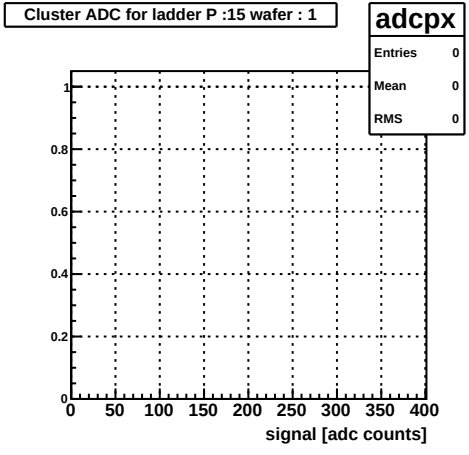

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 272
Mean 51.81
RMS 49.71
signal [adc counts]

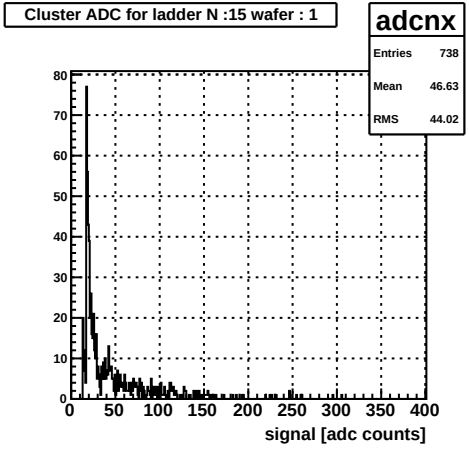

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 231
Mean 62.25
RMS 68.71
signal [adc counts]

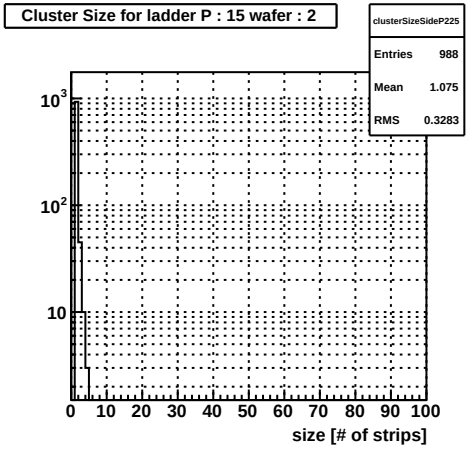

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

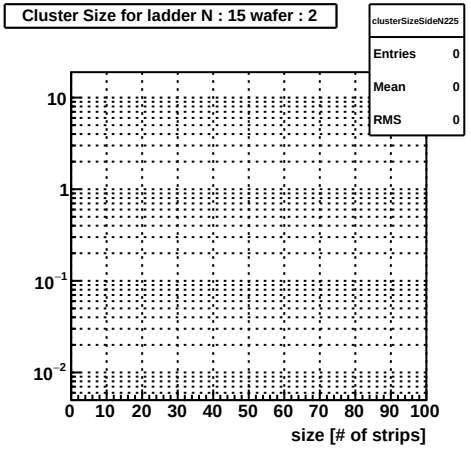

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 738
Mean 1.474
RMS 0.8941
size [# of strips]

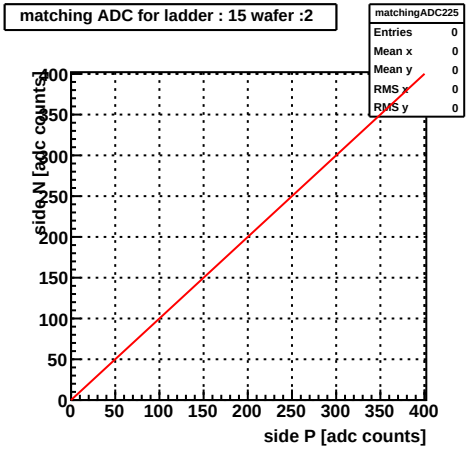

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

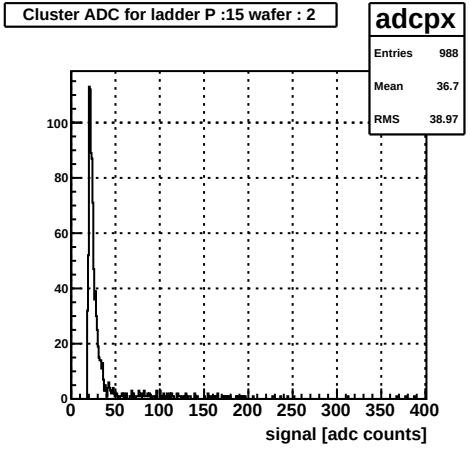

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

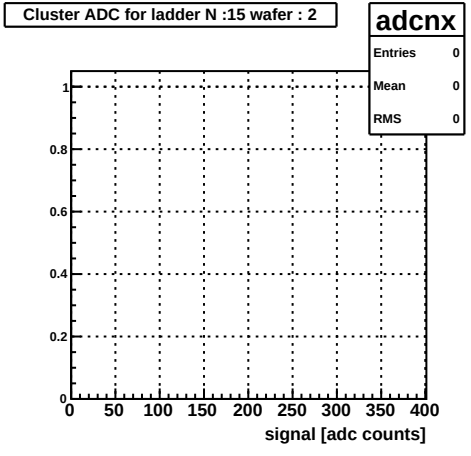

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 738
Mean 46.63
RMS 44.02
signal [adc counts]

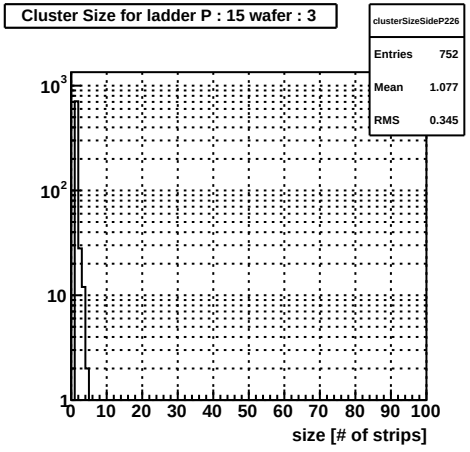

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 988
Mean 1.075
RMS 0.3283
size [# of strips]

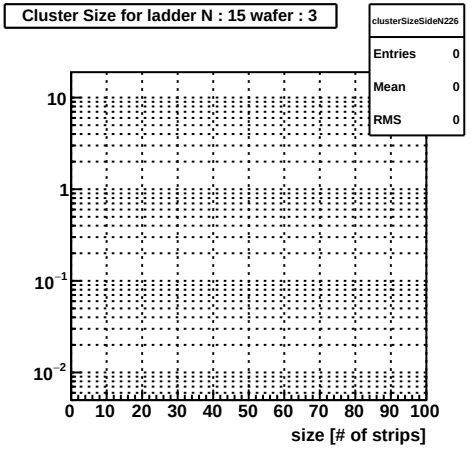

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

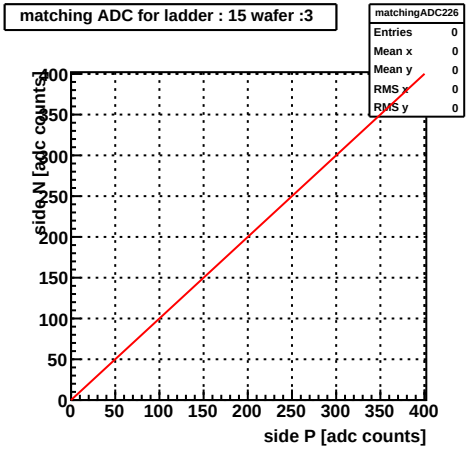

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

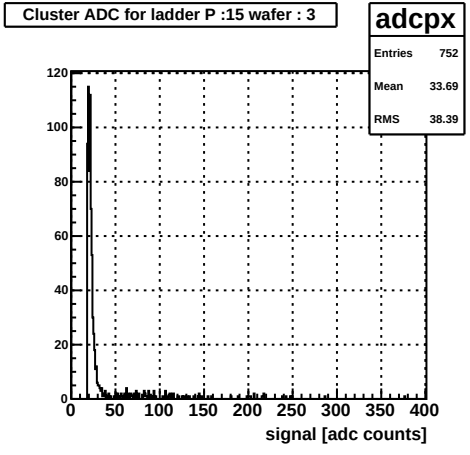

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 988
Mean 36.7
RMS 38.97
signal [adc counts]

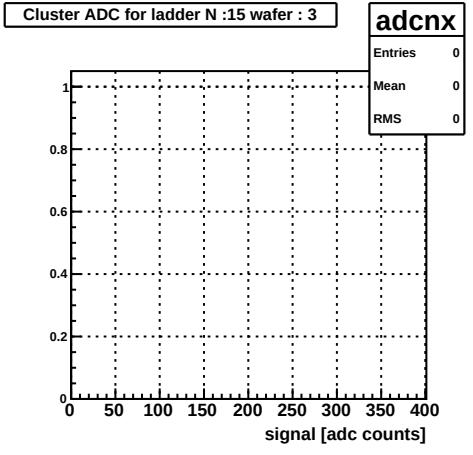

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

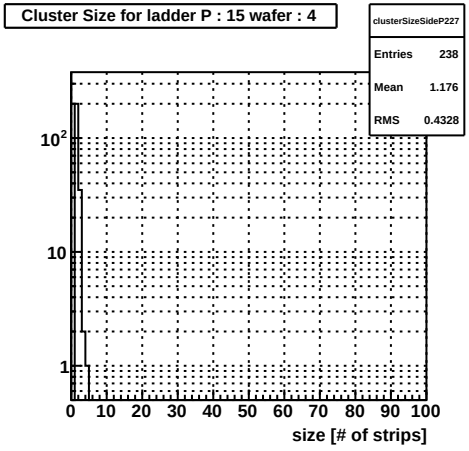

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 752
Mean 1.077
RMS 0.345
size [# of strips]

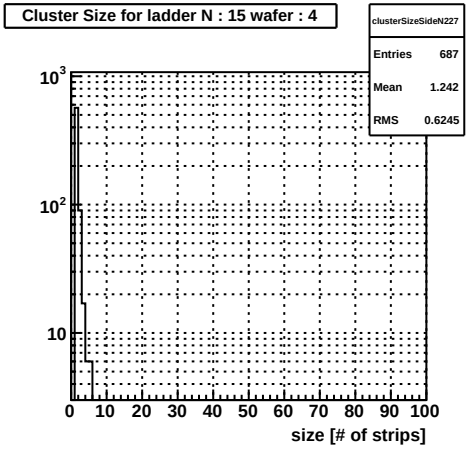

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

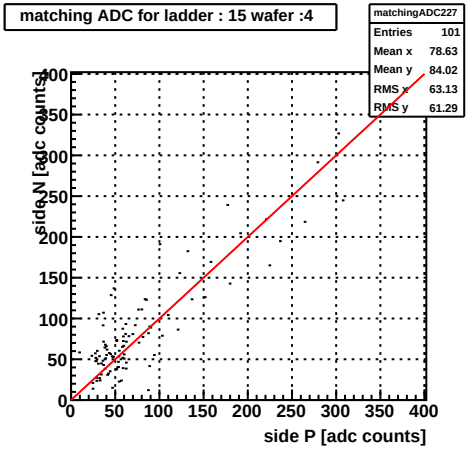

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

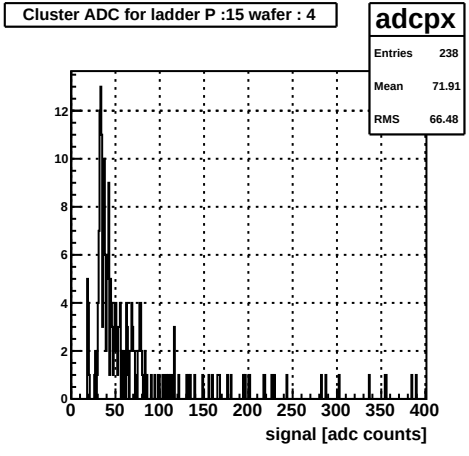

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 752
Mean 33.69
RMS 38.39
signal [adc counts]

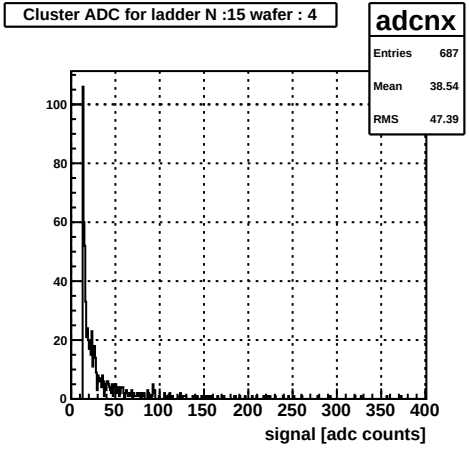

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

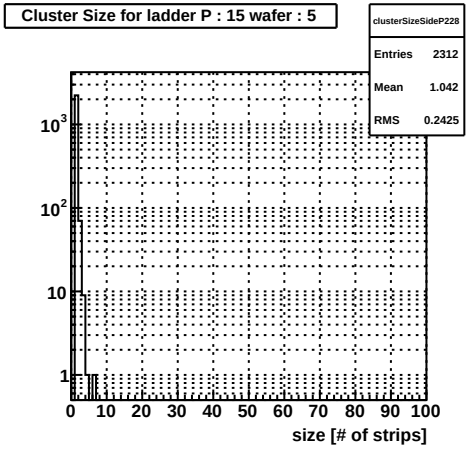

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 238
Mean 1.176
RMS 0.4328
size [# of strips]

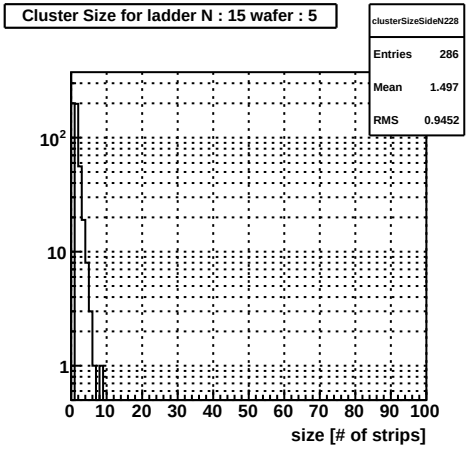

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 687
Mean 1.242
RMS 0.6245
size [# of strips]

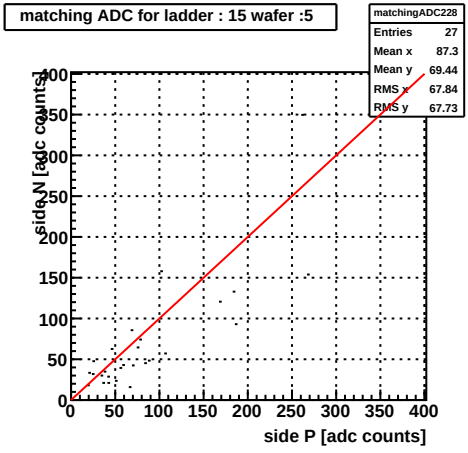

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 101
Mean x 78.63
Mean y 84.02
RMS x 63.13
RMS y 61.29
side N [adc counts]
side P [adc counts]

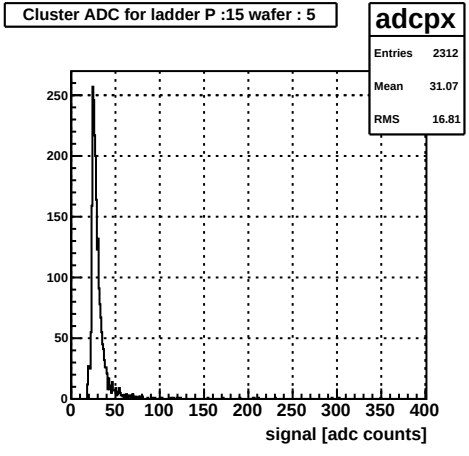

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 238
Mean 71.91
RMS 66.48
signal [adc counts]

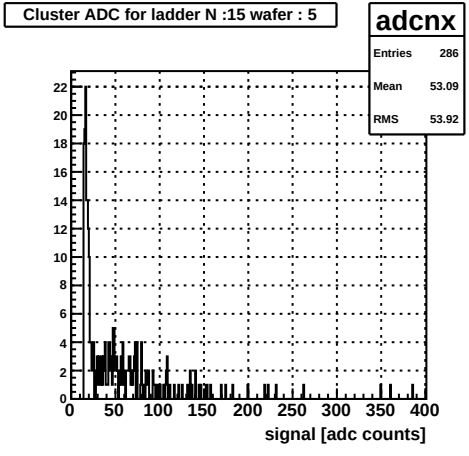

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 687
Mean 38.54
RMS 47.39
signal [adc counts]

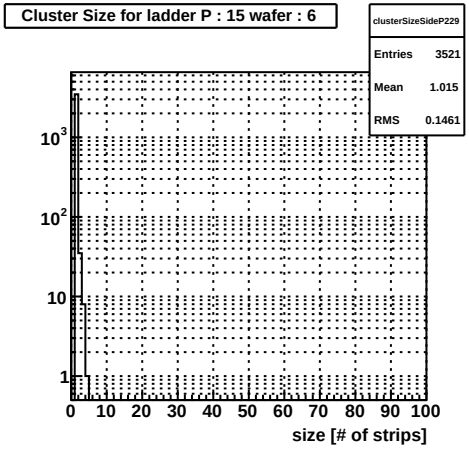

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 2312
Mean 1.042
RMS 0.2425
size [# of strips]

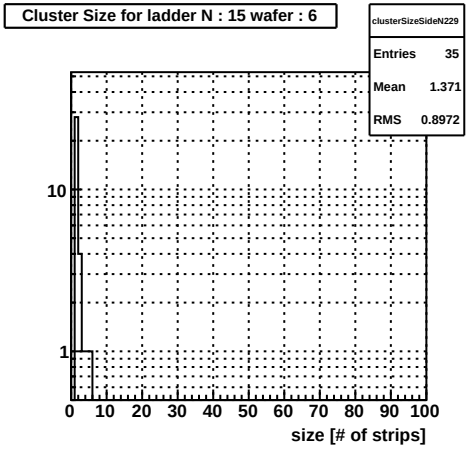

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 286
Mean 1.497
RMS 0.9452
size [# of strips]

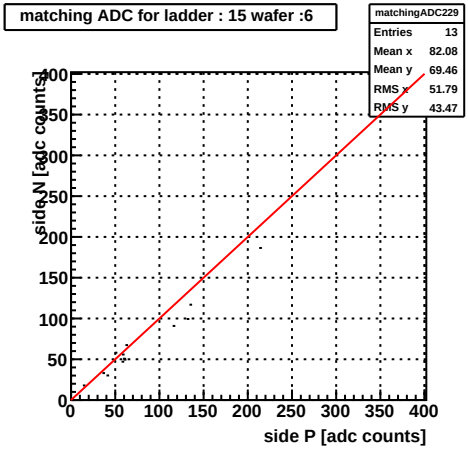

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 27
Mean x 87.3
Mean y 69.44
RMS x 67.84
RMS y 67.73
side N [adc counts]
side P [adc counts]

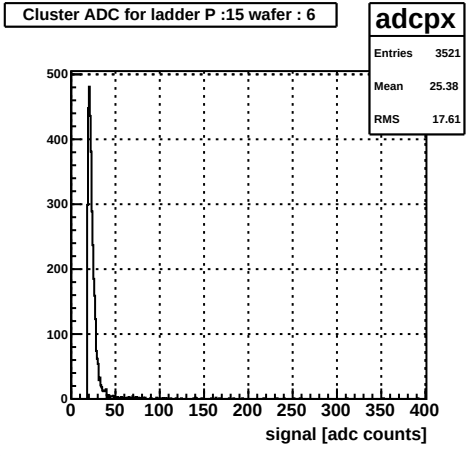

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 2312
Mean 31.07
RMS 16.81
signal [adc counts]

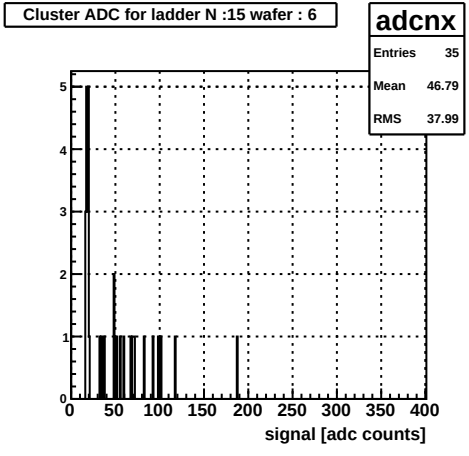

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 286
Mean 53.09
RMS 53.92
signal [adc counts]

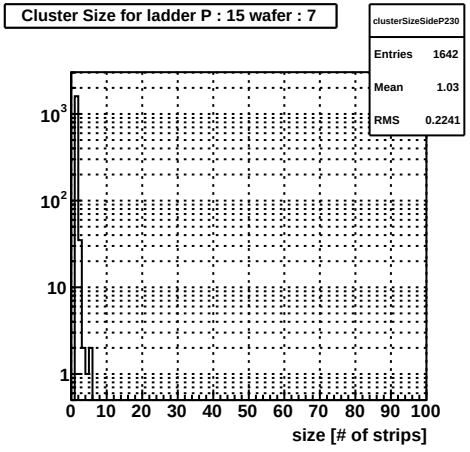

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 3521
Mean 1.015
RMS 0.1461
size [# of strips]

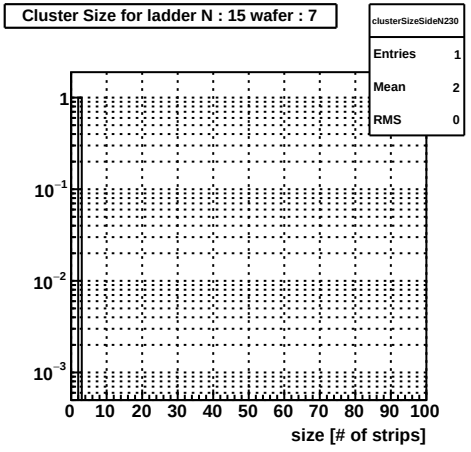

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 35
Mean 1.371
RMS 0.8972
size [# of strips]

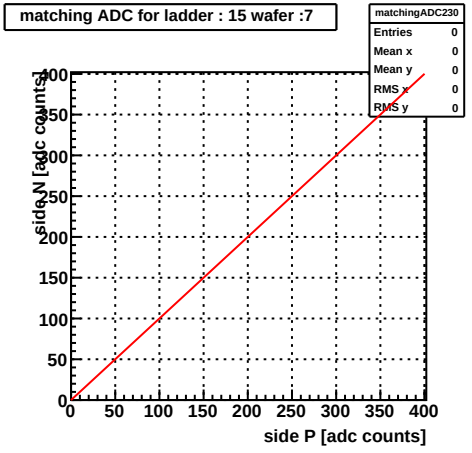

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 13
Mean x 82.08
Mean y 69.46
RMS x 51.79
RMS y 43.47
side N [adc counts]
side P [adc counts]

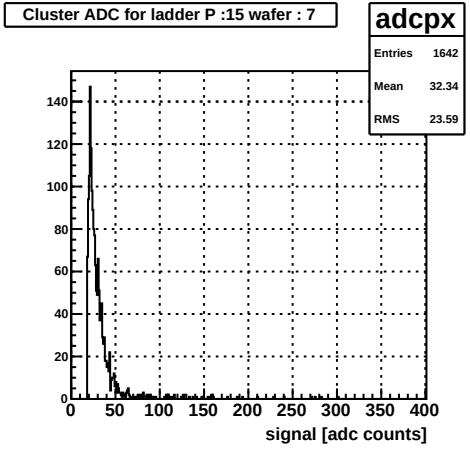

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 3521
Mean 25.38
RMS 17.61
signal [adc counts]

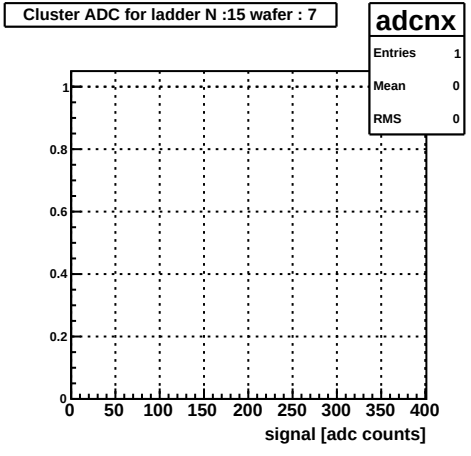

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 35
Mean 46.79
RMS 37.99
signal [adc counts]

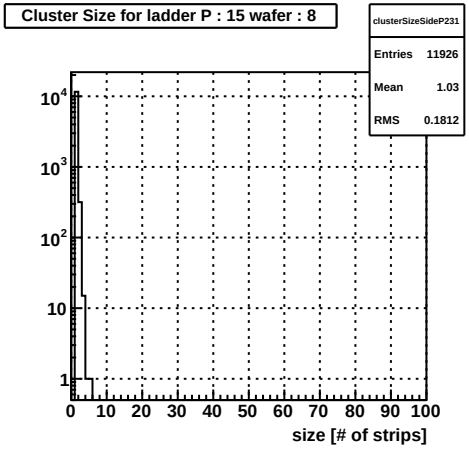

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 1642
Mean 1.03
RMS 0.2241
size [# of strips]

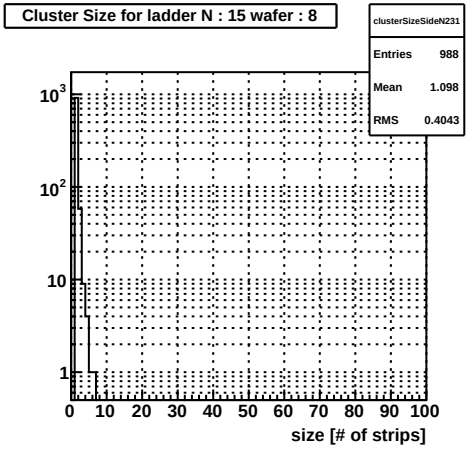

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 1
Mean 2
RMS 0
size [# of strips]

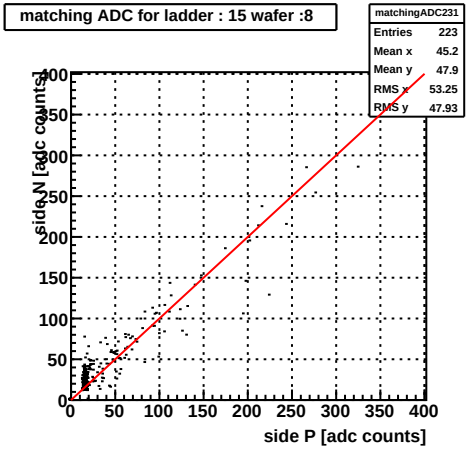

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

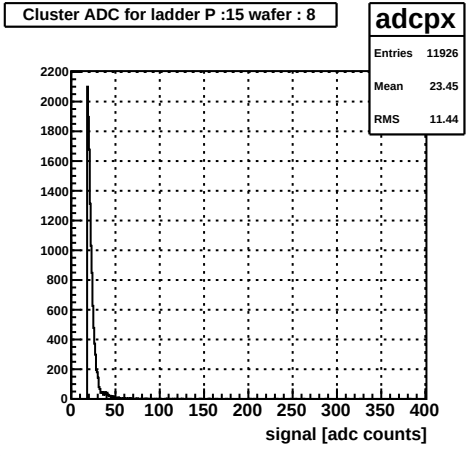

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 1642
Mean 32.34
RMS 23.59
signal [adc counts]

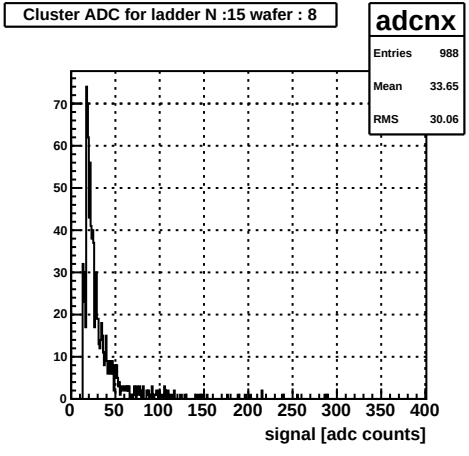

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

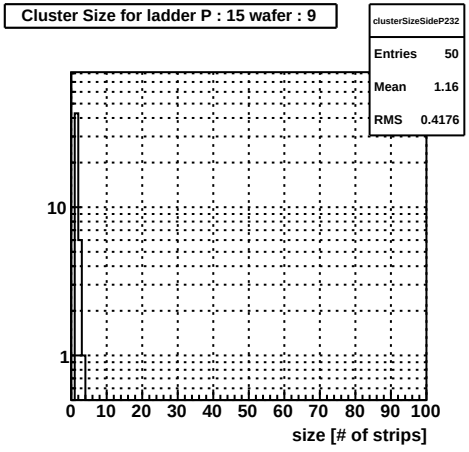

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 11926
Mean 1.03
RMS 0.1812
size [# of strips]

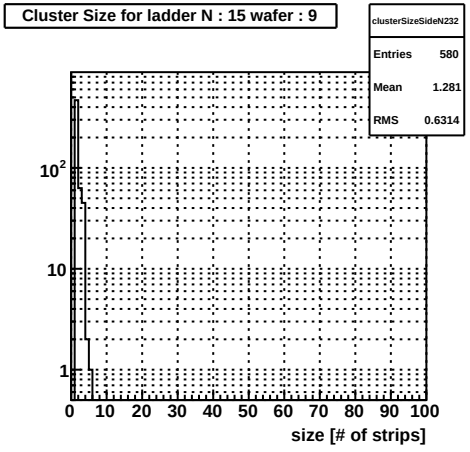

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 988
Mean 1.098
RMS 0.4043
size [# of strips]

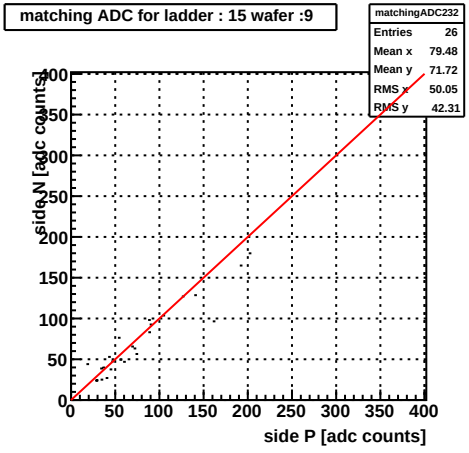

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 223
Mean x 45.2
Mean y 47.9
RMS x 53.25
RMS y 47.93
side N [adc counts]
side P [adc counts]

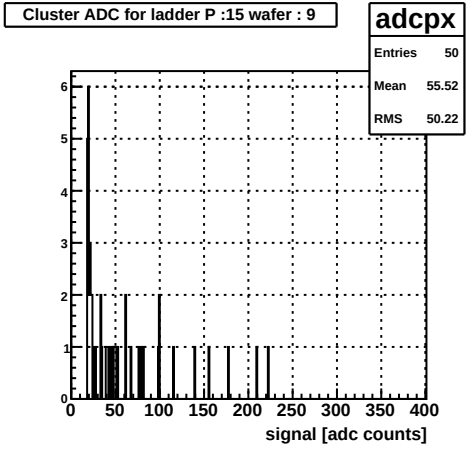

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 11926
Mean 23.45
RMS 11.44
signal [adc counts]

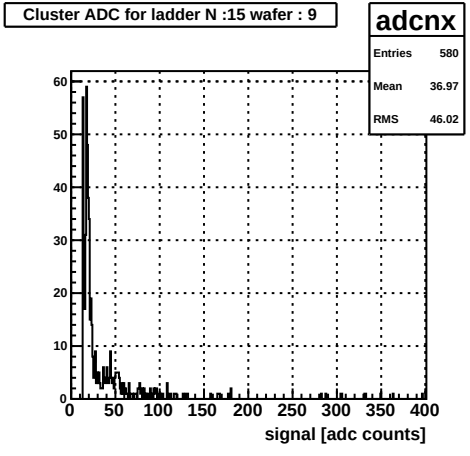

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 988
Mean 33.65
RMS 30.06
signal [adc counts]

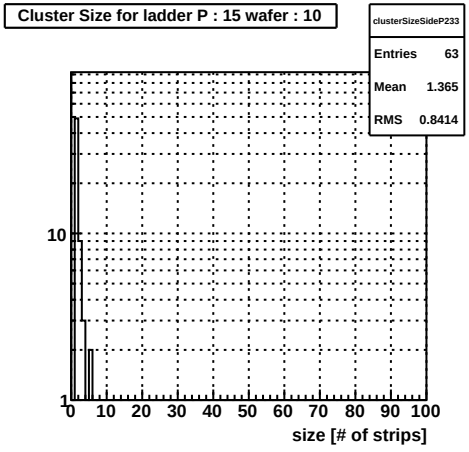

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 50
Mean 1.16
RMS 0.4176
size [# of strips]

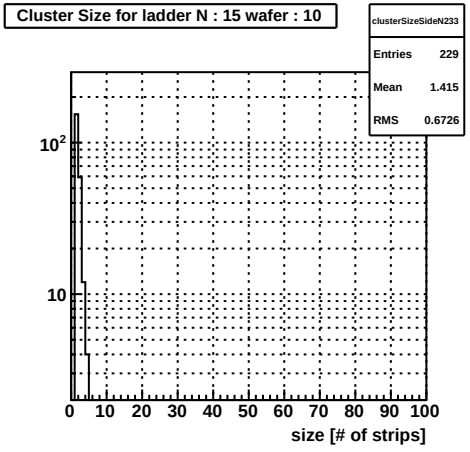

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 580
Mean 1.281
RMS 0.6314
size [# of strips]

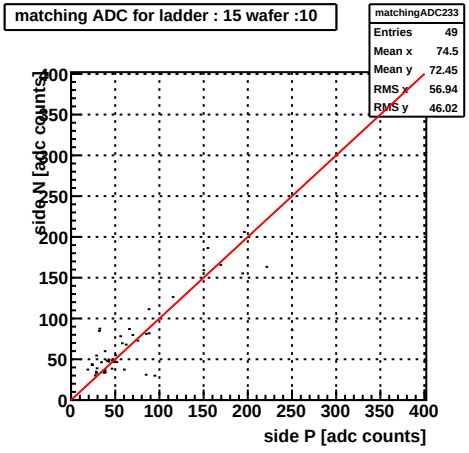

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 26
Mean x 79.48
Mean y 71.72
RMS x 50.05
RMS y 42.31
side N [adc counts]
side P [adc counts]

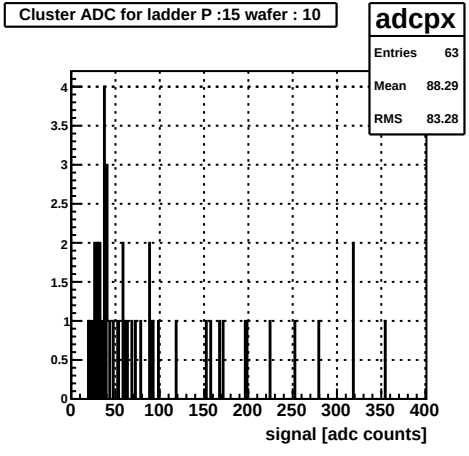

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 50
Mean 55.52
RMS 50.22
signal [adc counts]

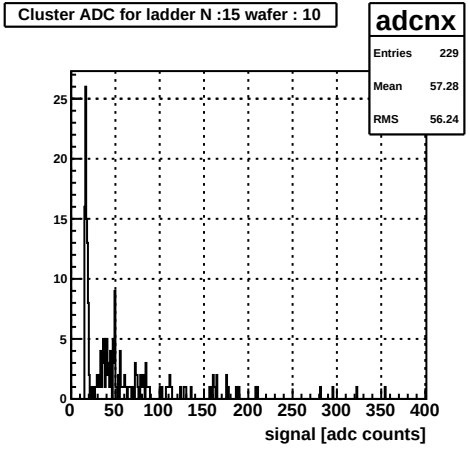

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 580
Mean 36.97
RMS 46.02
signal [adc counts]

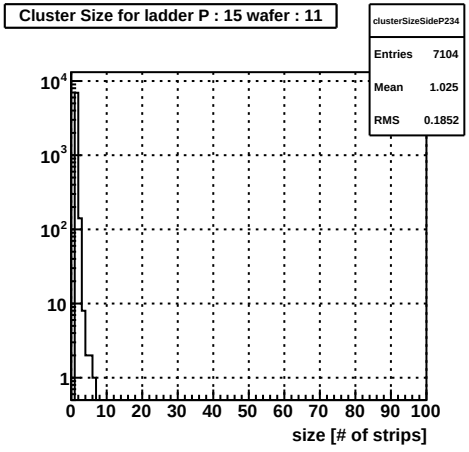

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 63
Mean 1.365
RMS 0.8414
size [# of strips]

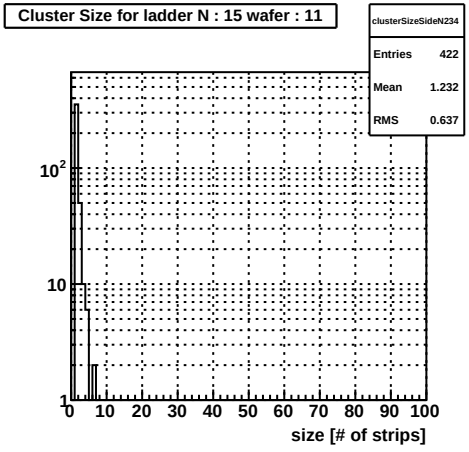

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 229
Mean 1.415
RMS 0.6726
size [# of strips]

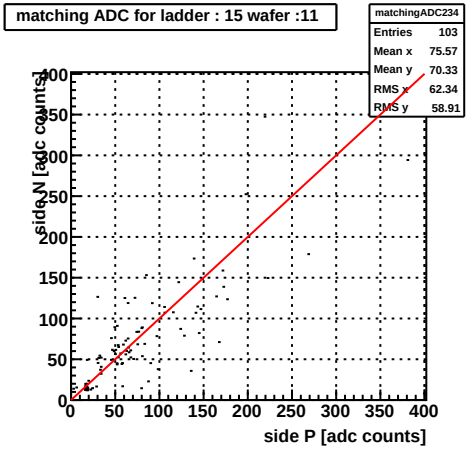

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 49
Mean x 74.5
Mean y 72.45
RMS x 56.94
RMS y 46.02
side N [adc counts]
side P [adc counts]

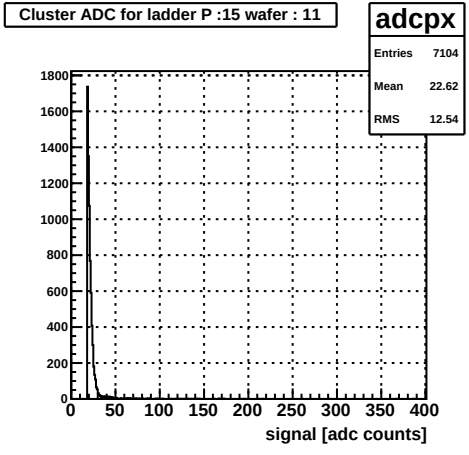

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 63
Mean 88.29
RMS 83.28
signal [adc counts]

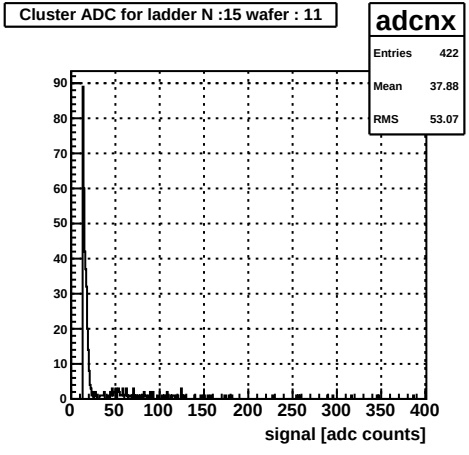

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 229
Mean 57.28
RMS 56.24
signal [adc counts]

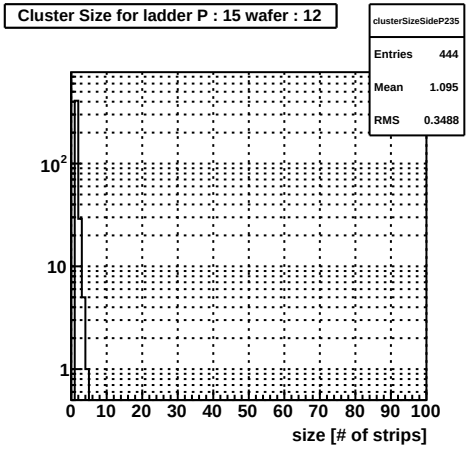

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 7104
Mean 1.025
RMS 0.1852
size [# of strips]

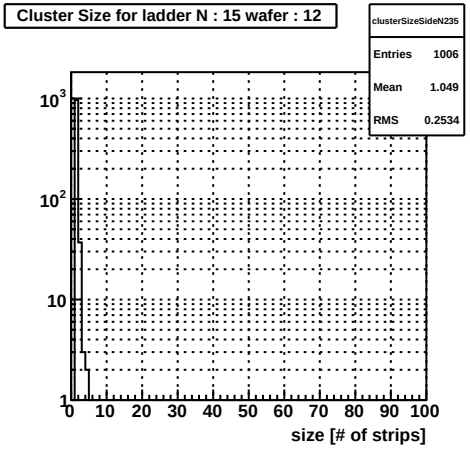

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 422
Mean 1.232
RMS 0.637
size [# of strips]

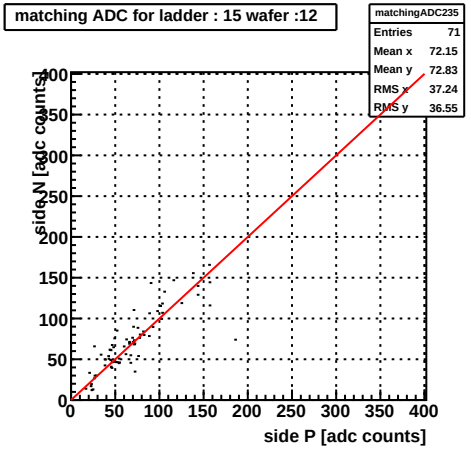

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 103
Mean x 75.57
Mean y 70.33
RMS x 62.34
RMS y 58.91
side N [adc counts]
side P [adc counts]

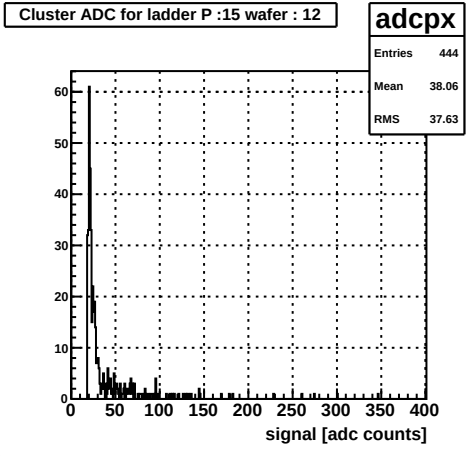

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 7104
Mean 22.62
RMS 12.54
signal [adc counts]

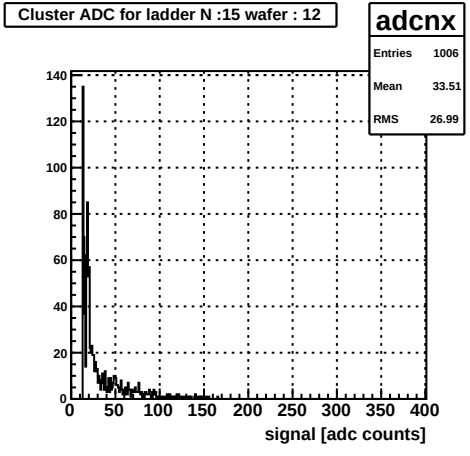

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 422
Mean 37.88
RMS 53.07
signal [adc counts]

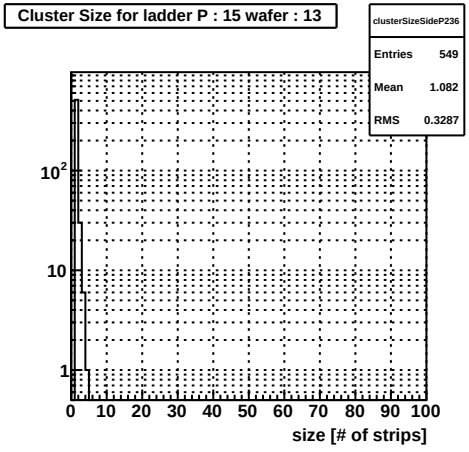

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 444
Mean 1.095
RMS 0.3488
size [# of strips]

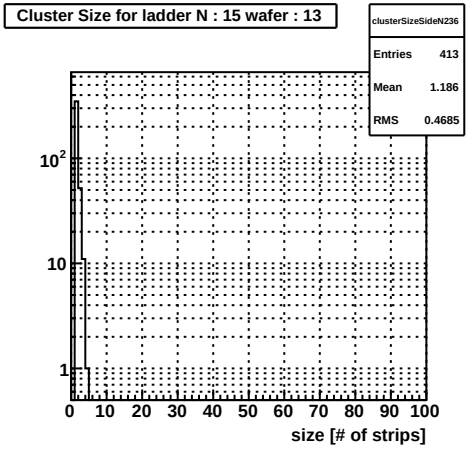

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 1006
Mean 1.049
RMS 0.2534
size [# of strips]

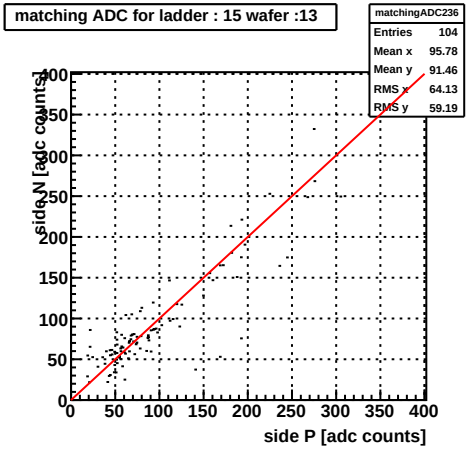

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 71
Mean x 72.15
Mean y 72.83
RMS x 37.24
RMS y 36.55
side N [adc counts]
side P [adc counts]

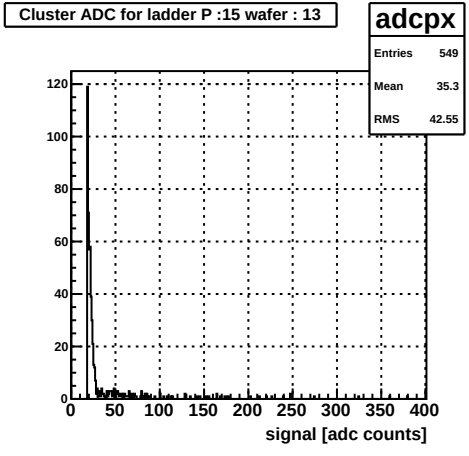

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 444
Mean 38.06
RMS 37.63
signal [adc counts]

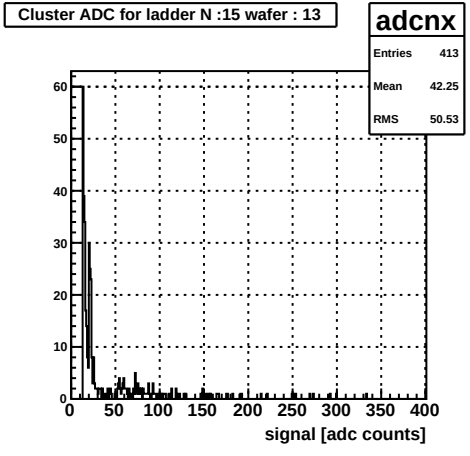

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 1006
Mean 33.51
RMS 26.99
signal [adc counts]

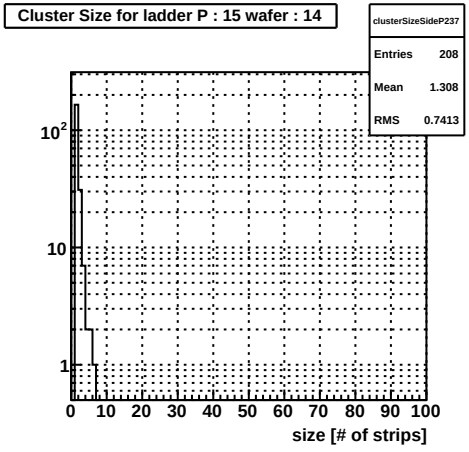

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 549
Mean 1.082
RMS 0.3287
size [# of strips]

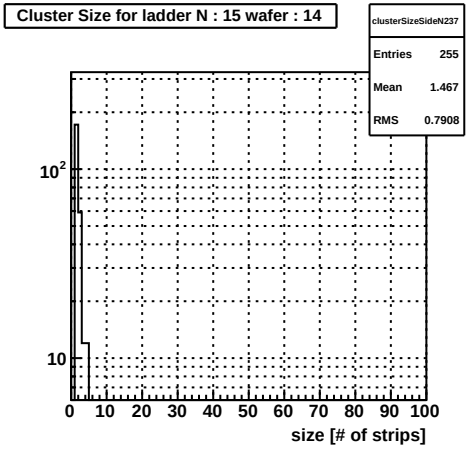

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 413
Mean 1.186
RMS 0.4685
size [# of strips]

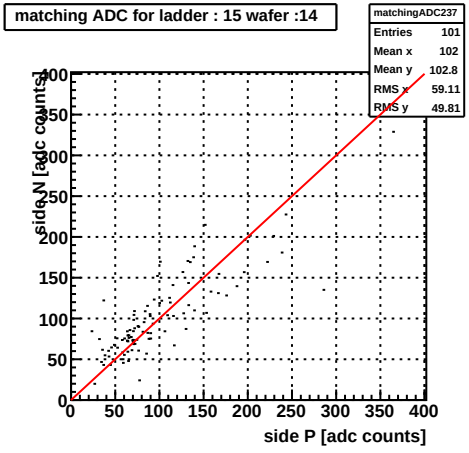

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 104
Mean x 95.78
Mean y 91.46
RMS x 64.13
RMS y 59.19
side N [adc counts]
side P [adc counts]

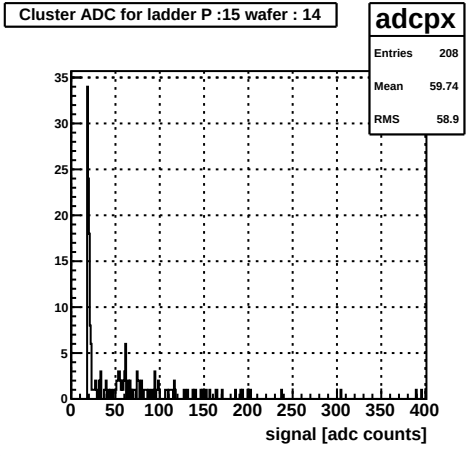

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 549
Mean 35.3
RMS 42.55
signal [adc counts]

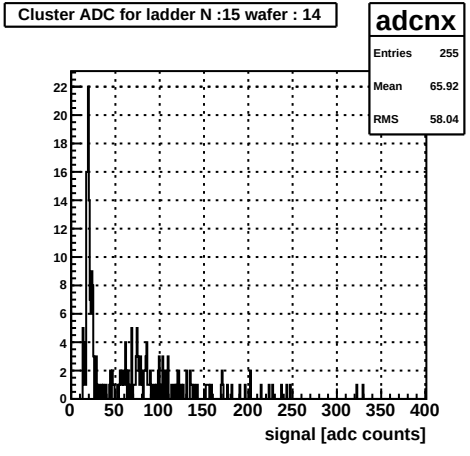

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 413
Mean 42.25
RMS 50.53
signal [adc counts]

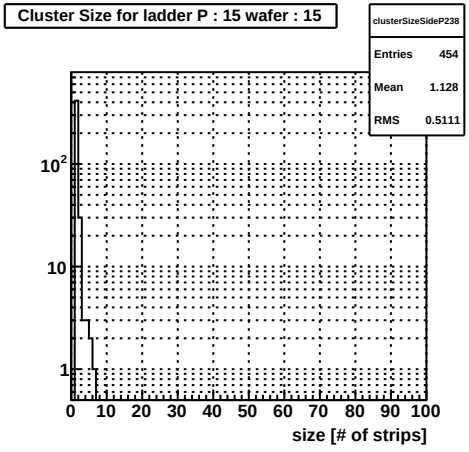

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 208
Mean 1.308
RMS 0.7413
size [# of strips]

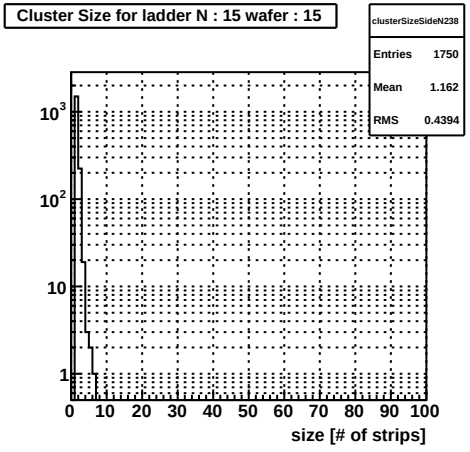

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 255
Mean 1.467
RMS 0.7908
size [# of strips]

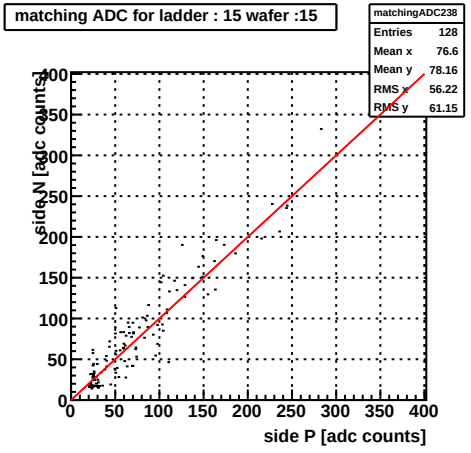

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 101
Mean x 102
Mean y 102.8
RMS x 59.11
RMS y 49.81
side N [adc counts]
side P [adc counts]

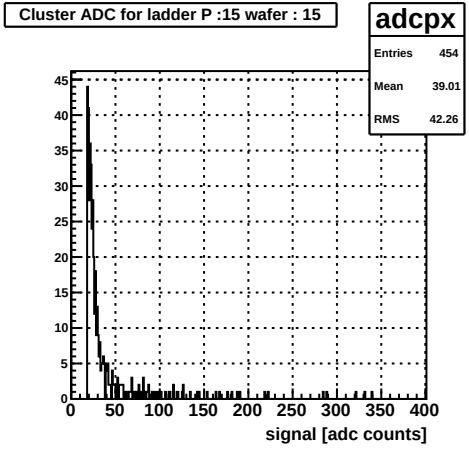

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 208
Mean 59.74
RMS 58.9
signal [adc counts]

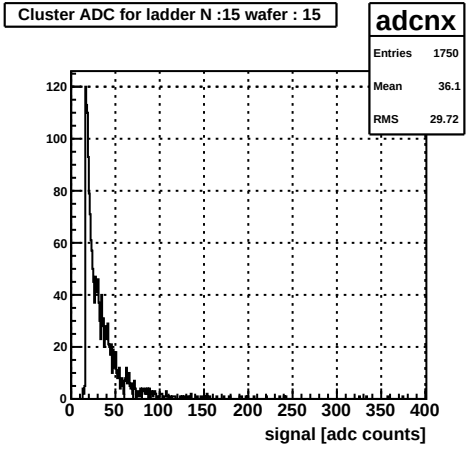

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 255
Mean 65.92
RMS 58.04
signal [adc counts]

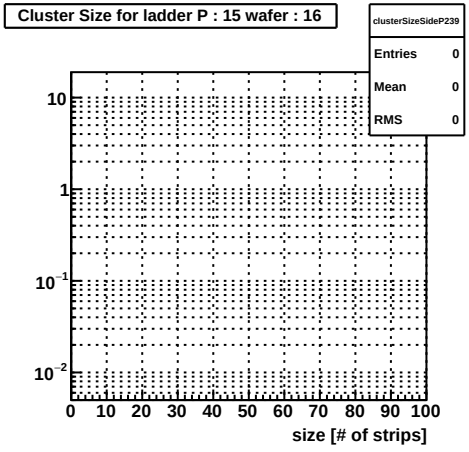

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 454
Mean 1.128
RMS 0.5111
size [# of strips]

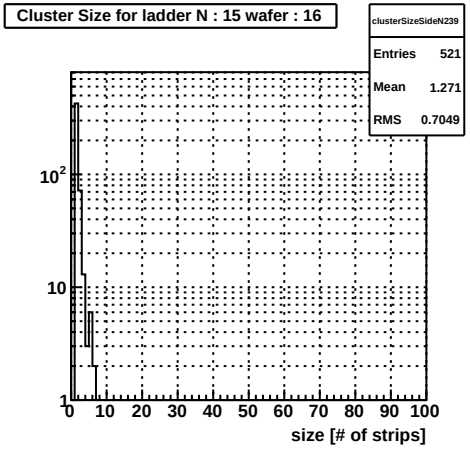

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 1750
Mean 1.162
RMS 0.4394
size [# of strips]

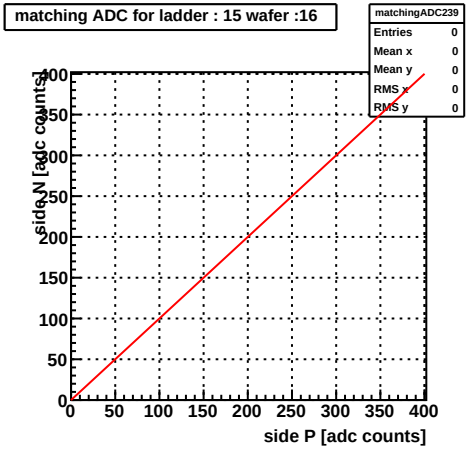

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 128
Mean x 76.6
Mean y 78.16
RMS x 56.22
RMS y 61.15
side N [adc counts]
side P [adc counts]

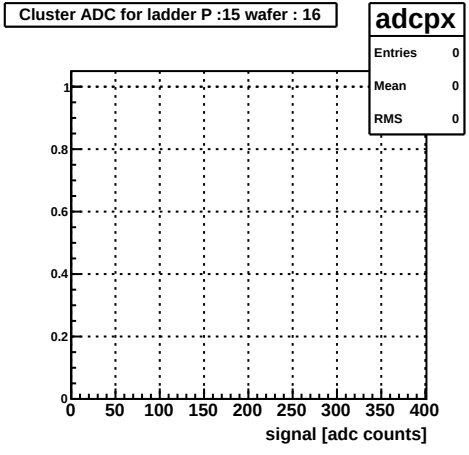

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 454
Mean 39.01
RMS 42.26
signal [adc counts]

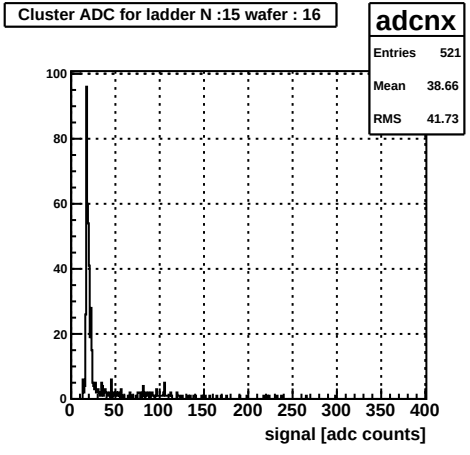

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 1750
Mean 36.1
RMS 29.72
signal [adc counts]

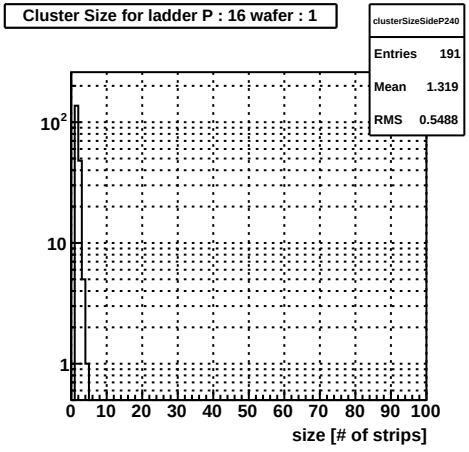

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 0
Mean 0
RMS 0
size [# of strips]

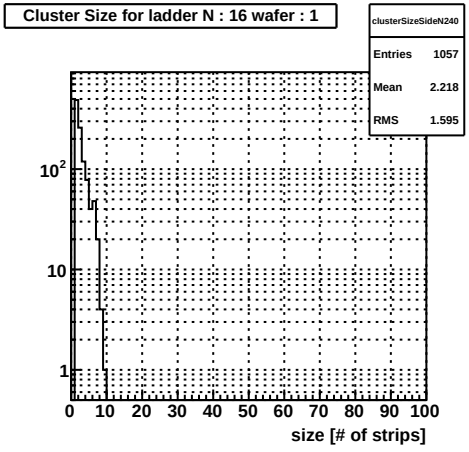

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 521
Mean 1.271
RMS 0.7049
size [# of strips]

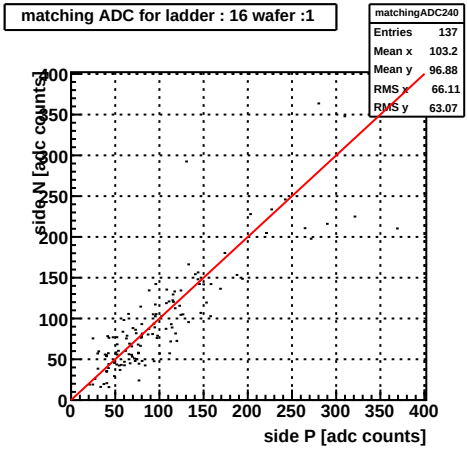

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

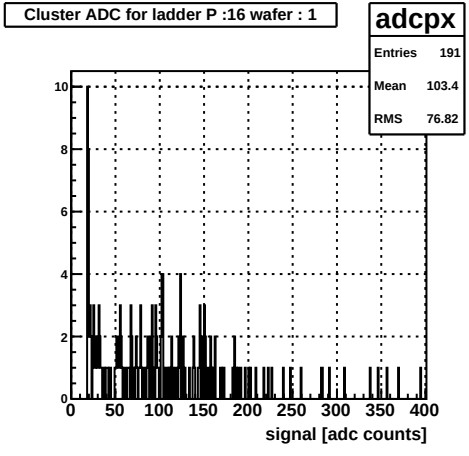

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

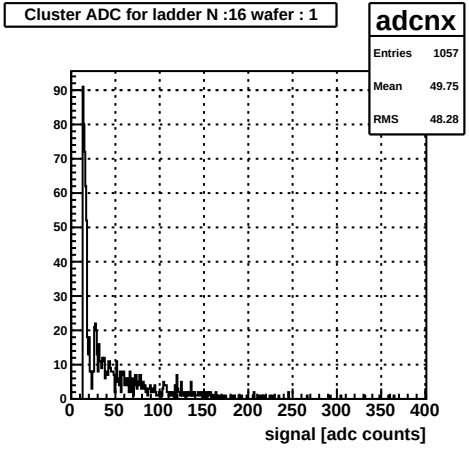

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 521
Mean 38.66
RMS 41.73
signal [adc counts]

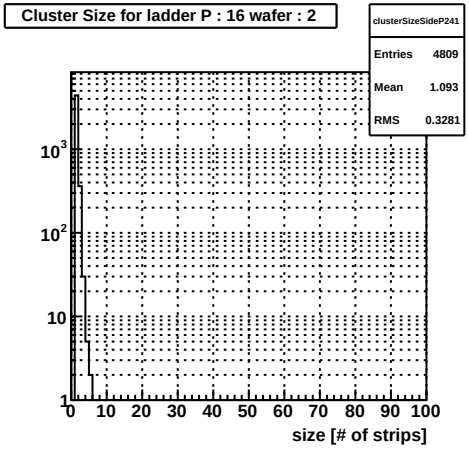

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 191
Mean 1.319
RMS 0.5488
size [# of strips]

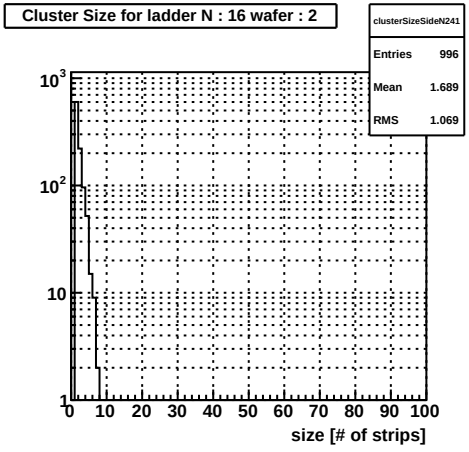

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 1057
Mean 2.218
RMS 1.595
size [# of strips]

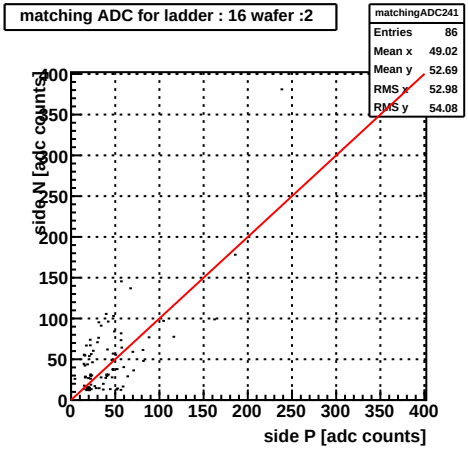

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 137
Mean x 103.2
Mean y 96.88
RMS x 66.11
RMS y 63.07
side N [adc counts]
side P [adc counts]

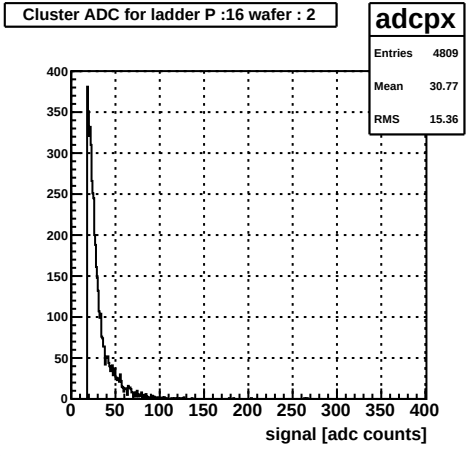

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 191
Mean 103.4
RMS 76.82
signal [adc counts]

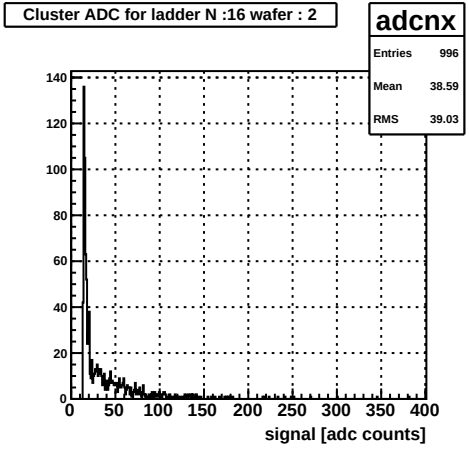

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 1057
Mean 49.75
RMS 48.28
signal [adc counts]

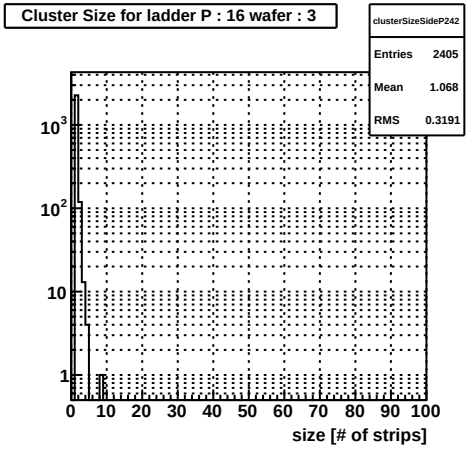

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 4809
Mean 1.093
RMS 0.3281
size [# of strips]

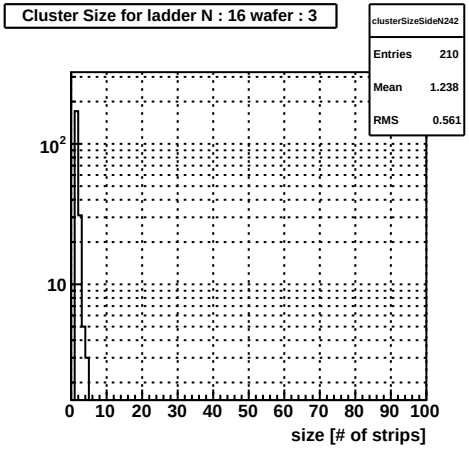

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 996
Mean 1.689
RMS 1.069
size [# of strips]

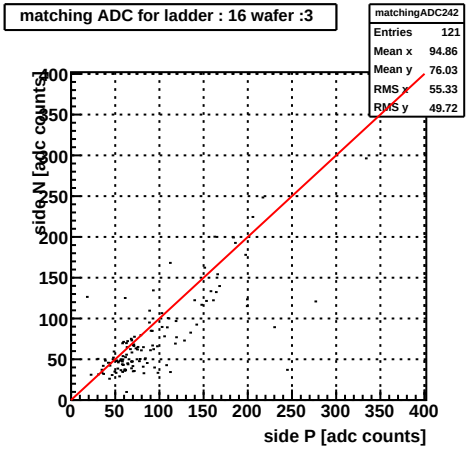

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 86
Mean x 49.02
Mean y 52.69
RMS x 52.98
RMS y 54.08
side N [adc counts]
side P [adc counts]

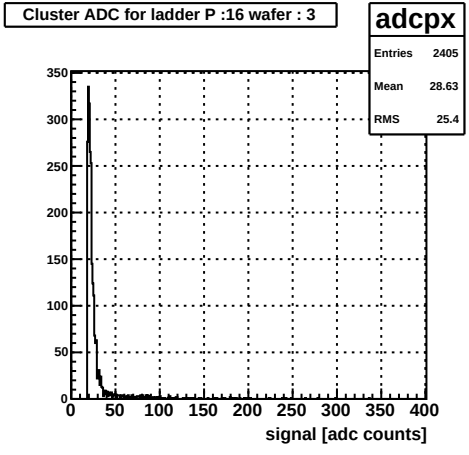

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 4809
Mean 30.77
RMS 15.36
signal [adc counts]

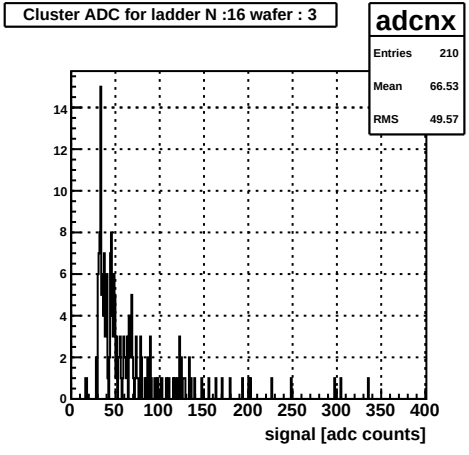

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 996
Mean 38.59
RMS 39.03
signal [adc counts]

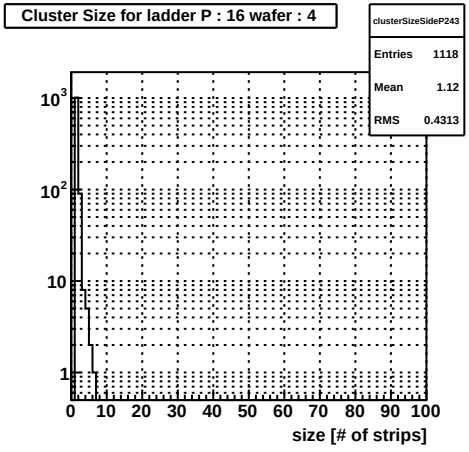

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 2405
Mean 1.068
RMS 0.3191
size [# of strips]

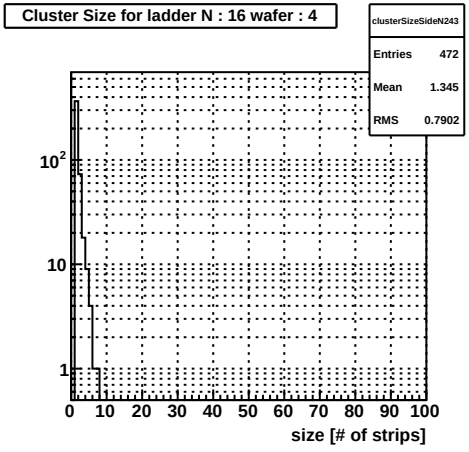

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 210
Mean 1.238
RMS 0.561
size [# of strips]

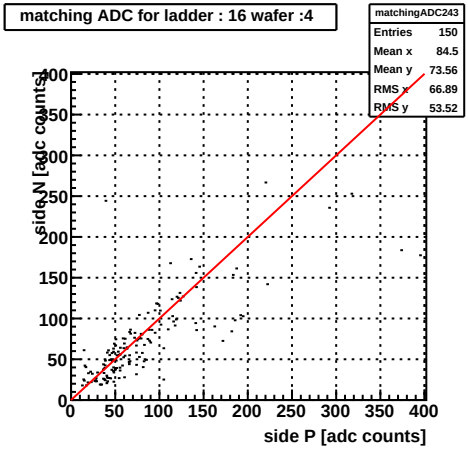

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 121
Mean x 94.86
Mean y 76.03
RMS x 55.33
RMS y 49.72
side N [adc counts]
side P [adc counts]

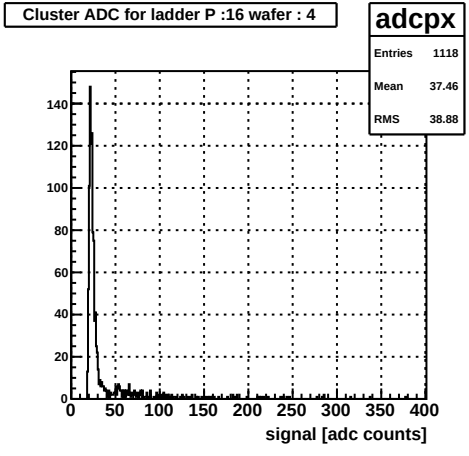

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 2405
Mean 28.63
RMS 25.4
signal [adc counts]

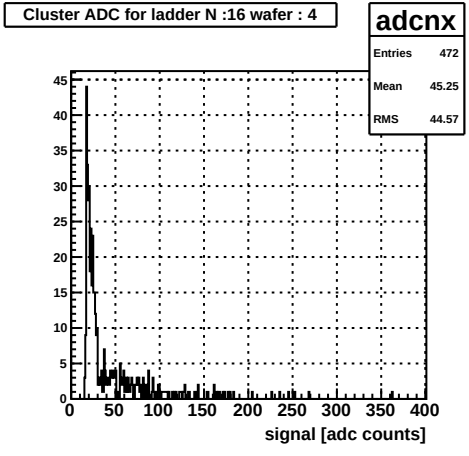

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 210
Mean 66.53
RMS 49.57
signal [adc counts]

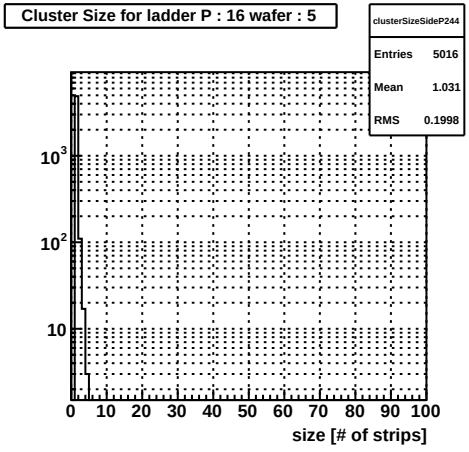

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 1118
Mean 1.12
RMS 0.4313
size [# of strips]

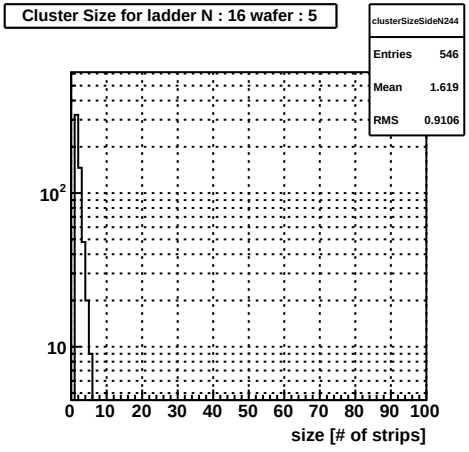

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 472
Mean 1.345
RMS 0.7902
size [# of strips]

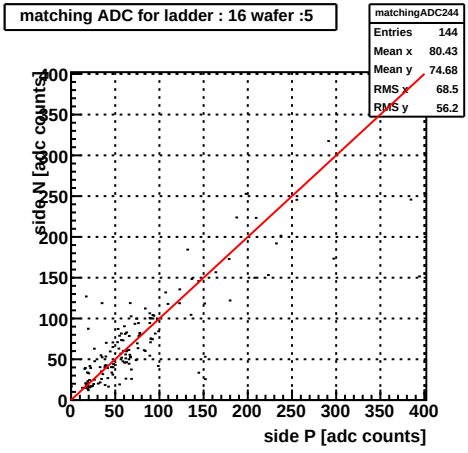

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 150
Mean x 84.5
Mean y 73.56
RMS x 66.89
RMS y 53.52
side N [adc counts]
side P [adc counts]

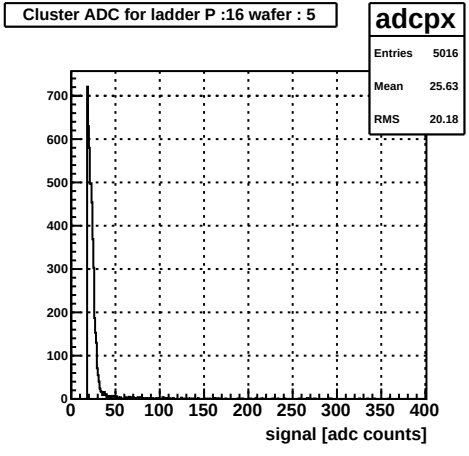

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 1118
Mean 37.46
RMS 38.88
signal [adc counts]

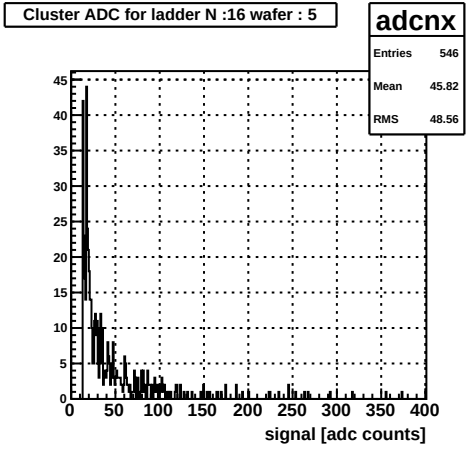

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 472
Mean 45.25
RMS 44.57
signal [adc counts]

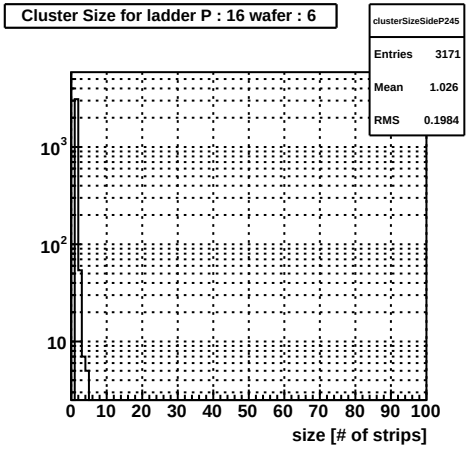

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 5016
Mean 1.031
RMS 0.1998
size [# of strips]

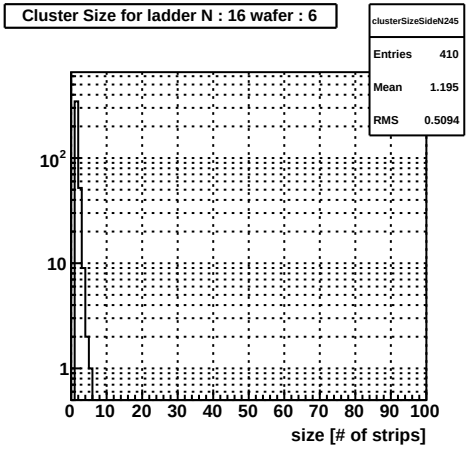

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 546
Mean 1.619
RMS 0.9106
size [# of strips]

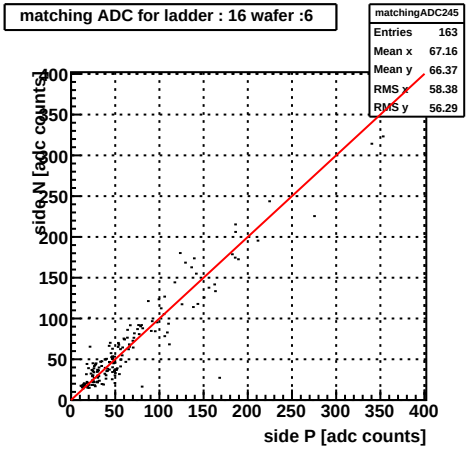

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 144
Mean x 80.43
Mean y 74.68
RMS x 68.5
RMS y 56.2
side N [adc counts]
side P [adc counts]

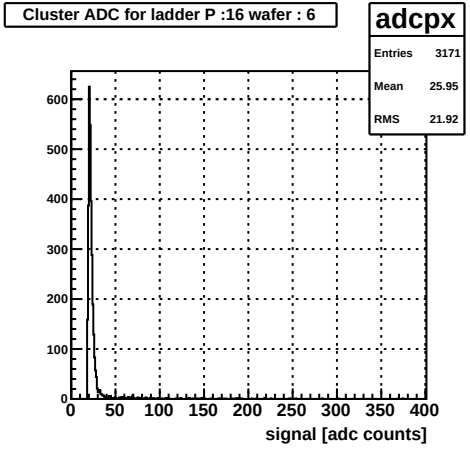

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 5016
Mean 25.63
RMS 20.18
signal [adc counts]

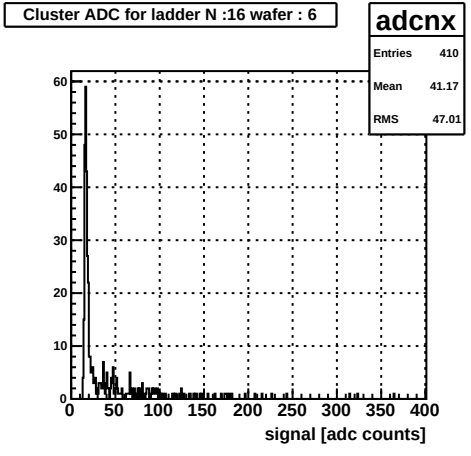

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 546
Mean 45.82
RMS 48.56
signal [adc counts]

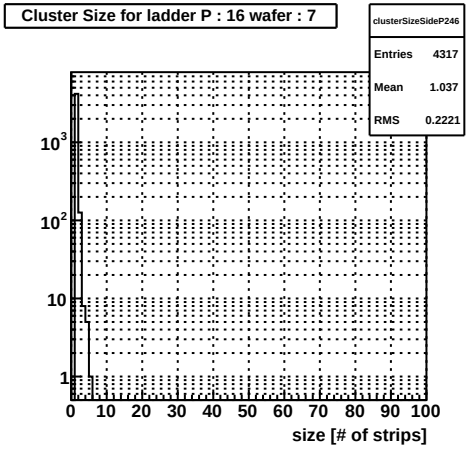

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 3171
Mean 1.026
RMS 0.1984
size [# of strips]

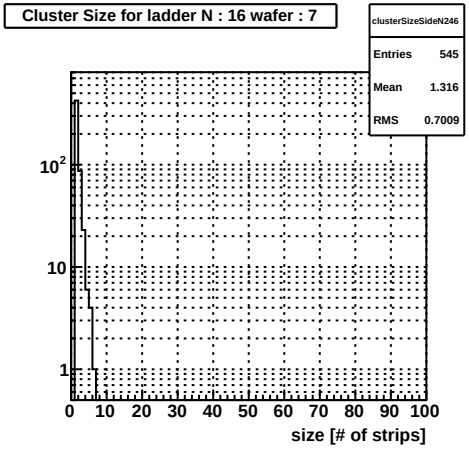

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 410
Mean 1.195
RMS 0.5094
size [# of strips]

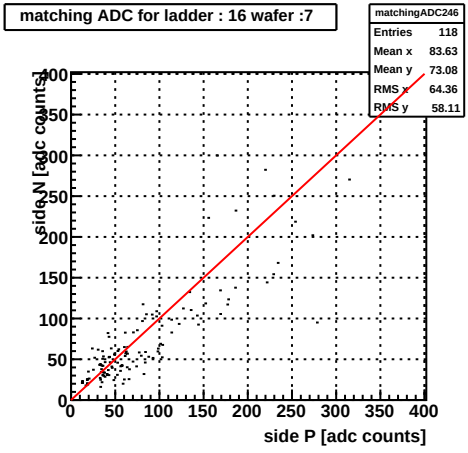

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 163
Mean x 67.16
Mean y 66.37
RMS x 58.38
RMS y 56.29
side N [adc counts]
side P [adc counts]

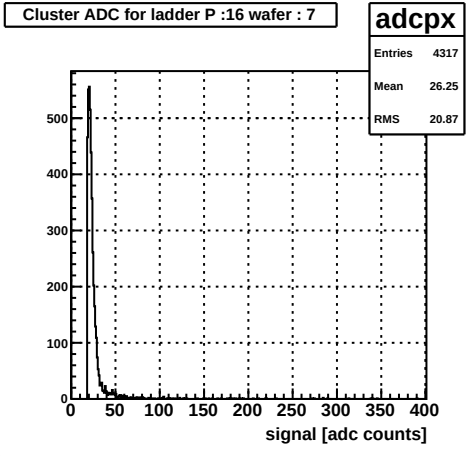

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 3171
Mean 25.95
RMS 21.92
signal [adc counts]

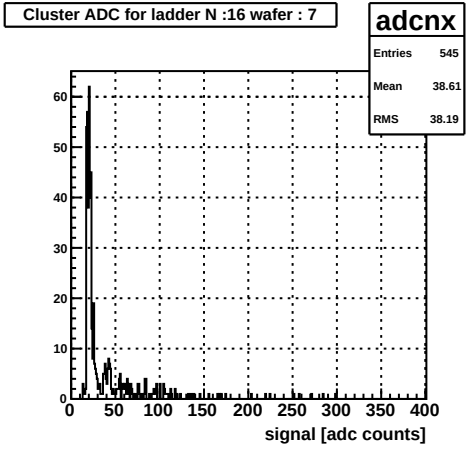

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 410
Mean 41.17
RMS 47.01
signal [adc counts]

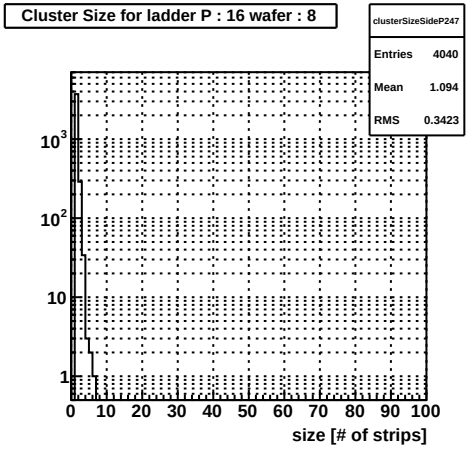

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 4317
Mean 1.037
RMS 0.2221
size [# of strips]

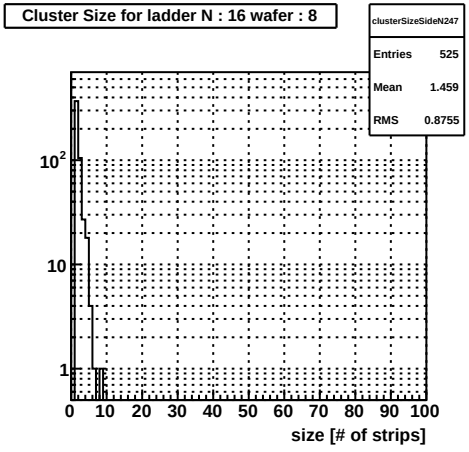

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 545
Mean 1.316
RMS 0.7009
size [# of strips]

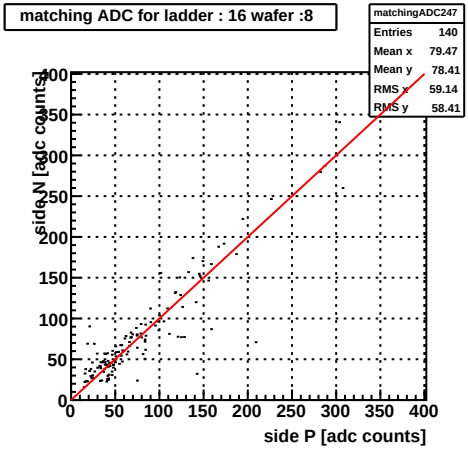

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 118
Mean x 83.63
Mean y 73.08
RMS x 64.36
RMS y 58.11
side N [adc counts]
side P [adc counts]

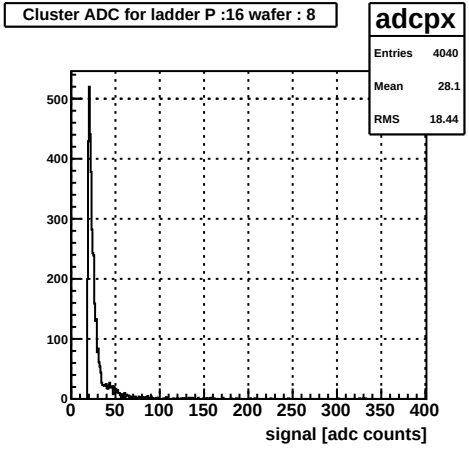

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 4317
Mean 26.25
RMS 20.87
signal [adc counts]

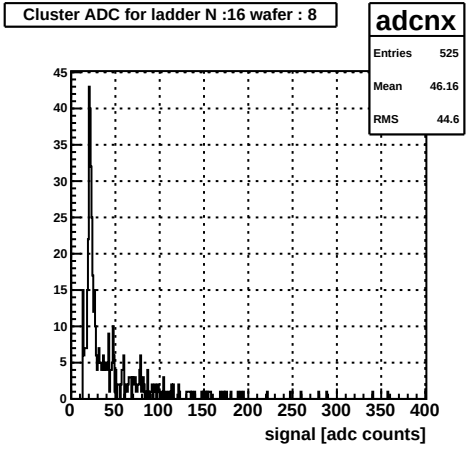

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 545
Mean 38.61
RMS 38.19
signal [adc counts]

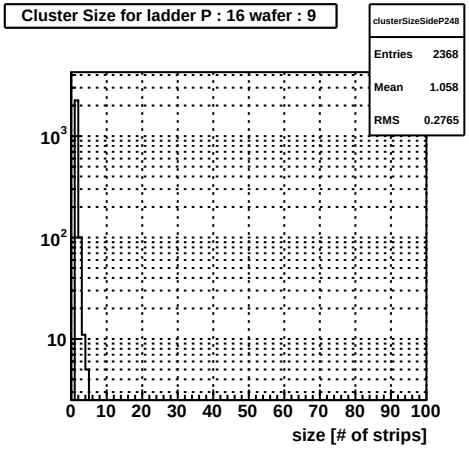

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 4040
Mean 1.094
RMS 0.3423
size [# of strips]

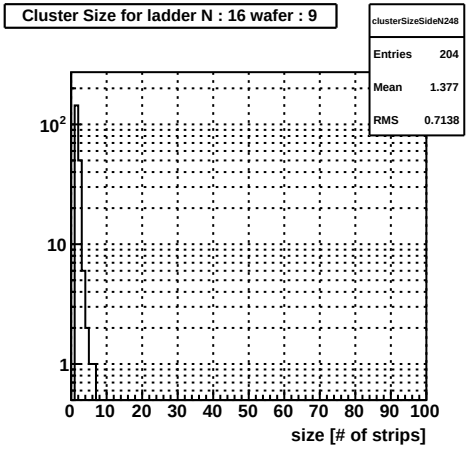

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 525
Mean 1.459
RMS 0.8755
size [# of strips]

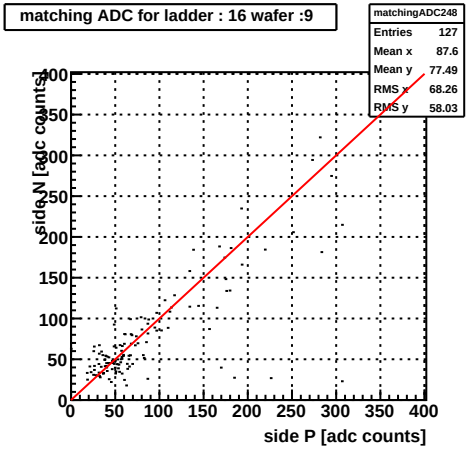

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 140
Mean x 79.47
Mean y 78.41
RMS x 59.14
RMS y 58.41
side N [adc counts]
side P [adc counts]

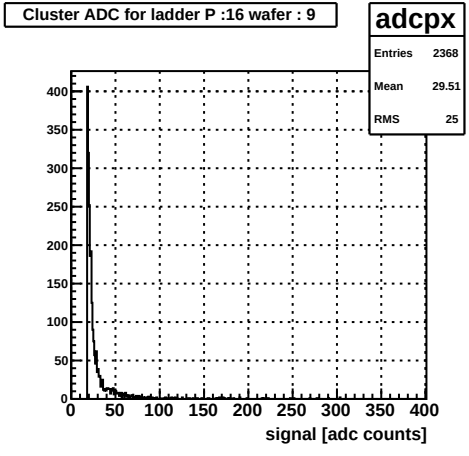

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 4040
Mean 28.1
RMS 18.44
signal [adc counts]

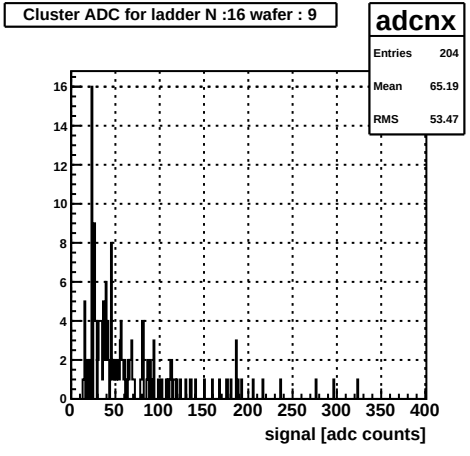

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 525
Mean 46.16
RMS 44.6
signal [adc counts]

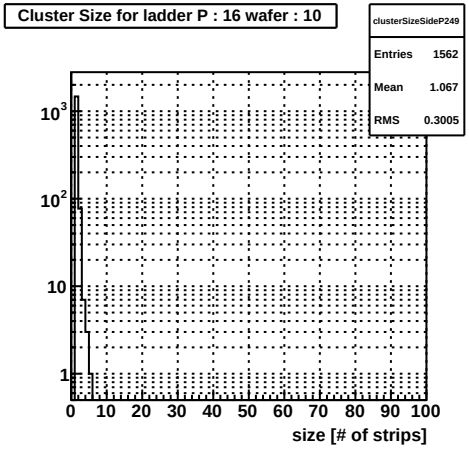

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 2368
Mean 1.058
RMS 0.2765
size [# of strips]

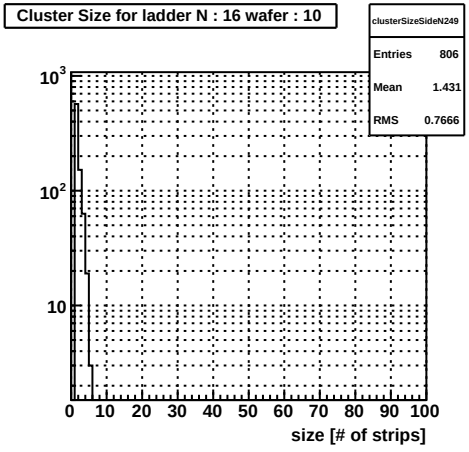

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 204
Mean 1.377
RMS 0.7138
size [# of strips]

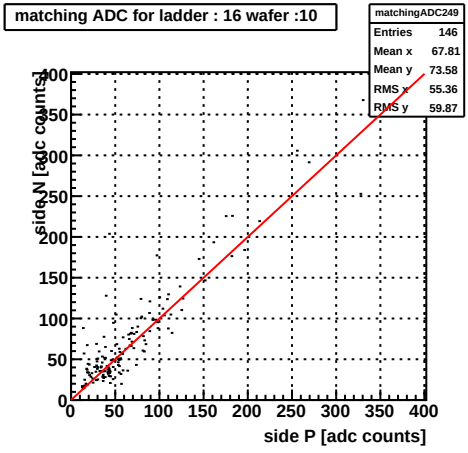

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 127
Mean x 87.6
Mean y 77.49
RMS x 68.26
RMS y 58.03
side N [adc counts]
side P [adc counts]

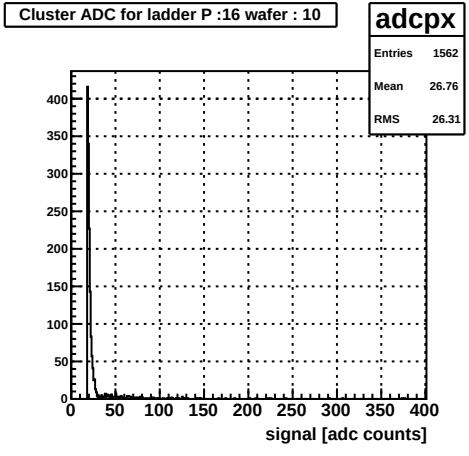

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 2368
Mean 29.51
RMS 25
signal [adc counts]

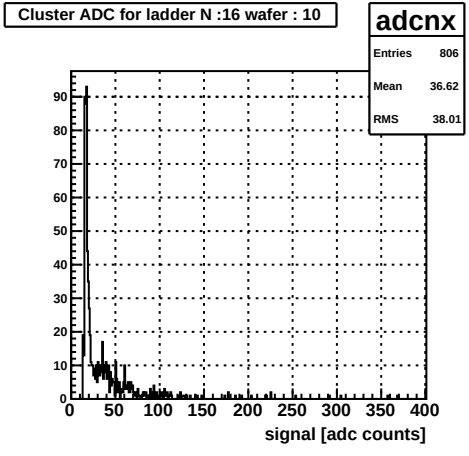

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 204
Mean 65.19
RMS 53.47
signal [adc counts]

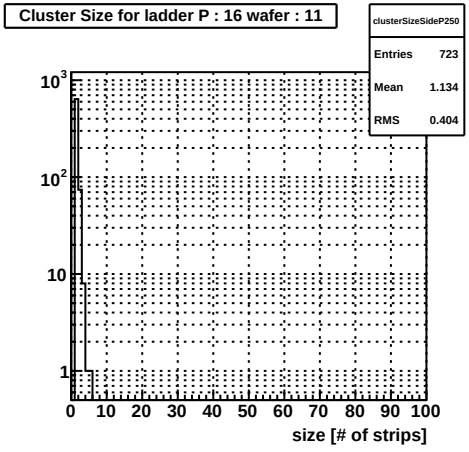

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 1562
Mean 1.067
RMS 0.3005
size [# of strips]

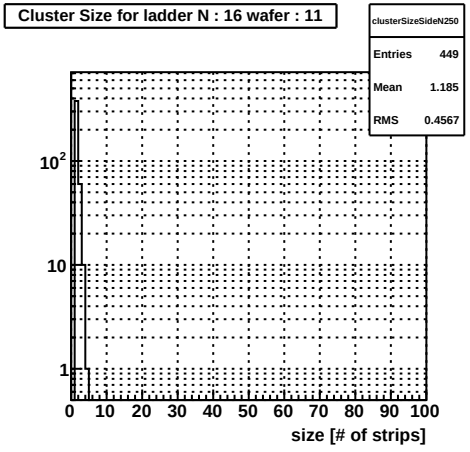

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 806
Mean 1.431
RMS 0.7666
size [# of strips]

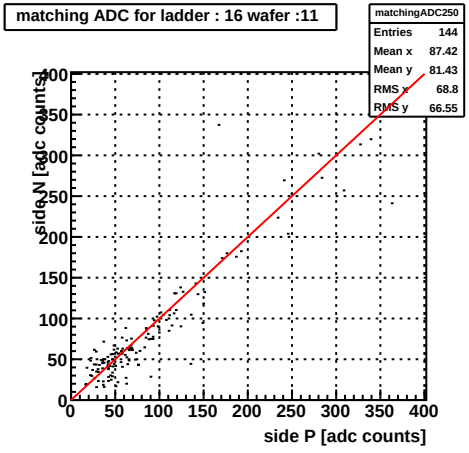

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 146
Mean x 67.81
Mean y 73.58
RMS x 55.36
RMS y 59.87
side N [adc counts]
side P [adc counts]

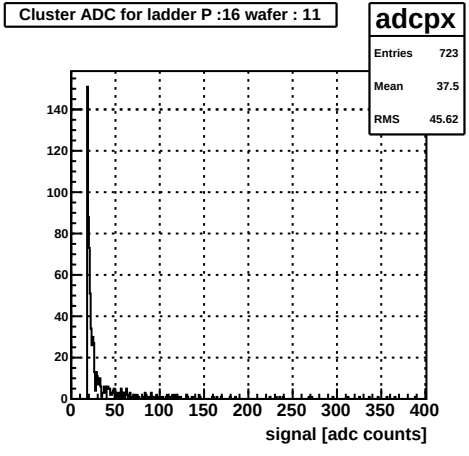

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 1562
Mean 26.76
RMS 26.31
signal [adc counts]

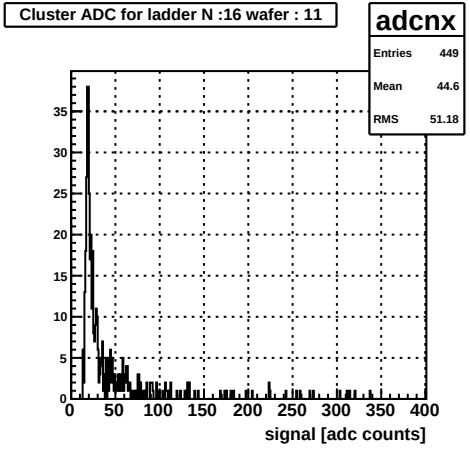

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 806
Mean 36.62
RMS 38.01
signal [adc counts]

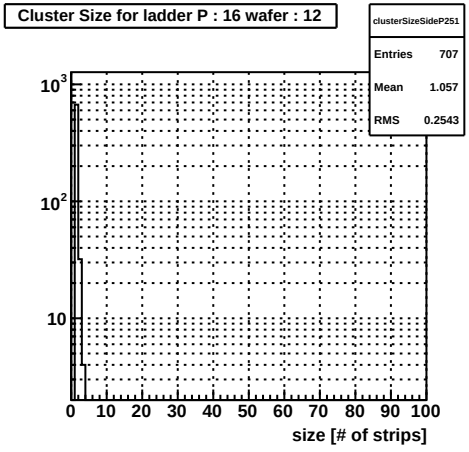

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 723
Mean 1.134
RMS 0.404
size [# of strips]

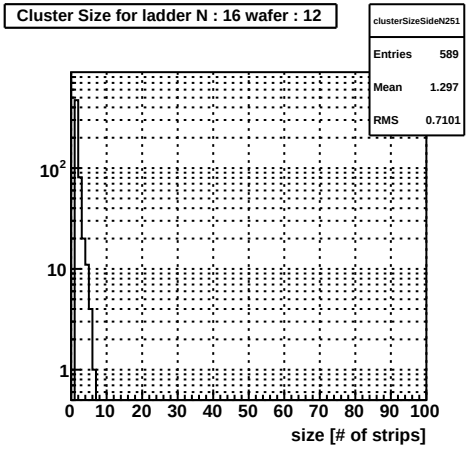

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 449
Mean 1.185
RMS 0.4567
size [# of strips]

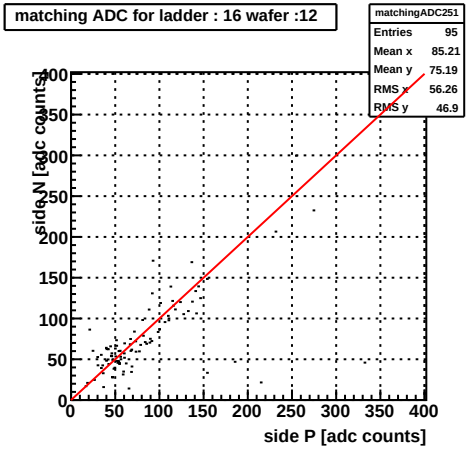

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 144
Mean x 87.42
Mean y 81.43
RMS x 68.8
RMS y 66.55
side N [adc counts]
side P [adc counts]

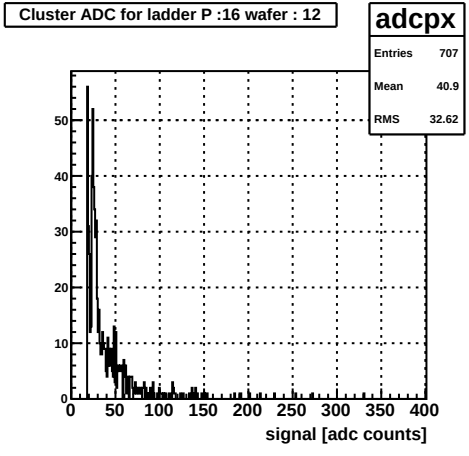

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 723
Mean 37.5
RMS 45.62
signal [adc counts]

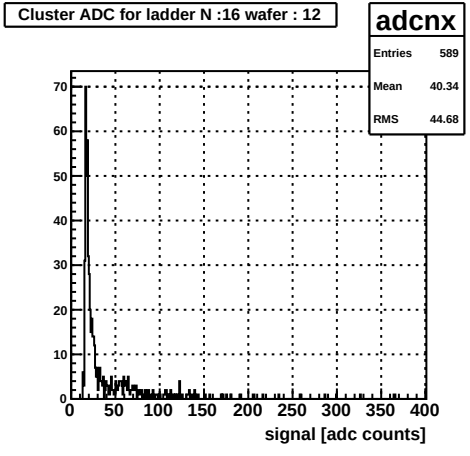

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 449
Mean 44.6
RMS 51.18
signal [adc counts]

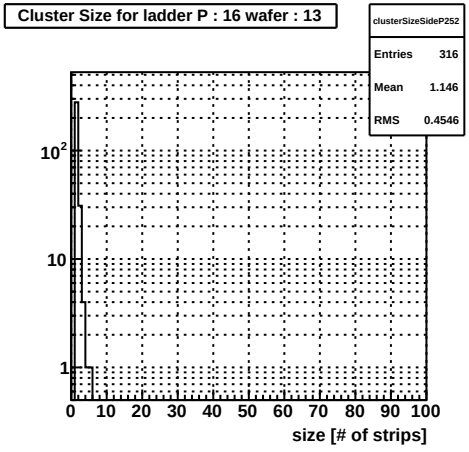

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 707
Mean 1.057
RMS 0.2543
size [# of strips]

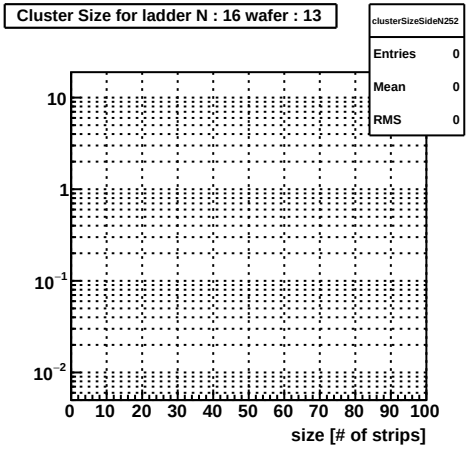

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 589
Mean 1.297
RMS 0.7101
size [# of strips]

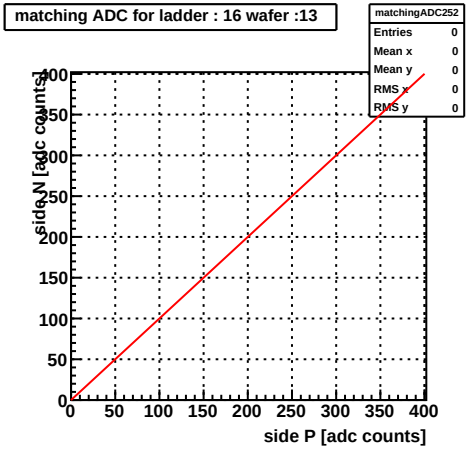

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 95
Mean x 85.21
Mean y 75.19
RMS x 56.26
RMS y 46.9
side N [adc counts]
side P [adc counts]

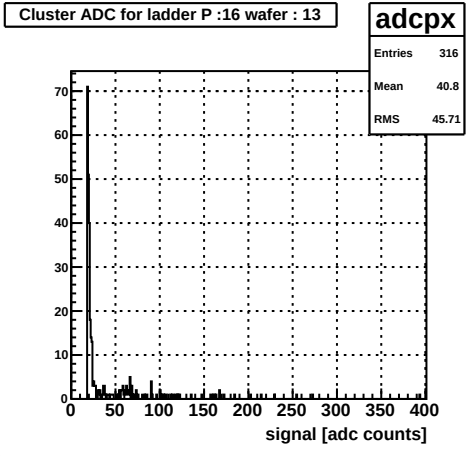

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 707
Mean 40.9
RMS 32.62
signal [adc counts]

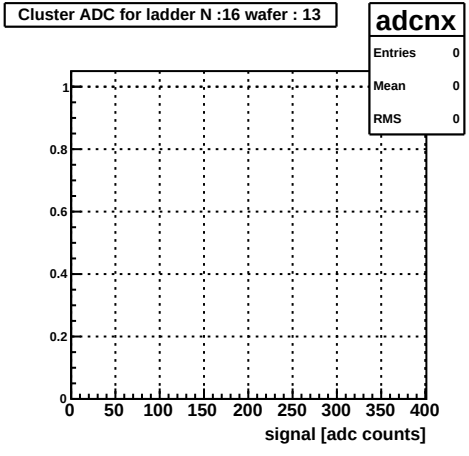

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 589
Mean 40.34
RMS 44.68
signal [adc counts]

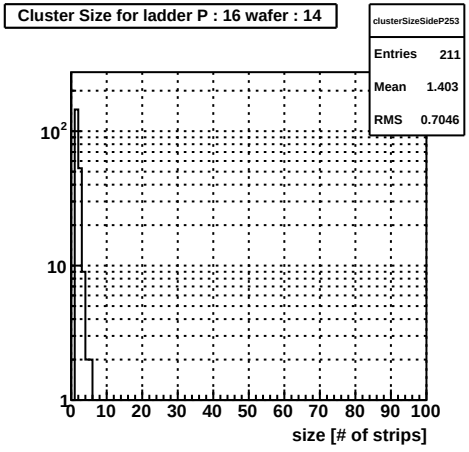

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 316
Mean 1.146
RMS 0.4546
size [# of strips]

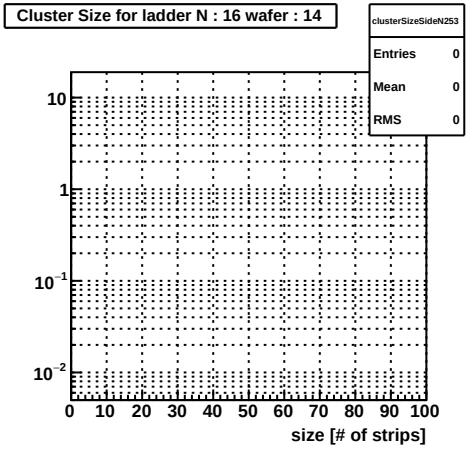

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

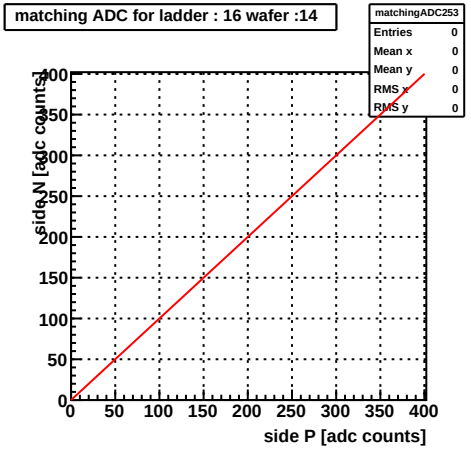

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

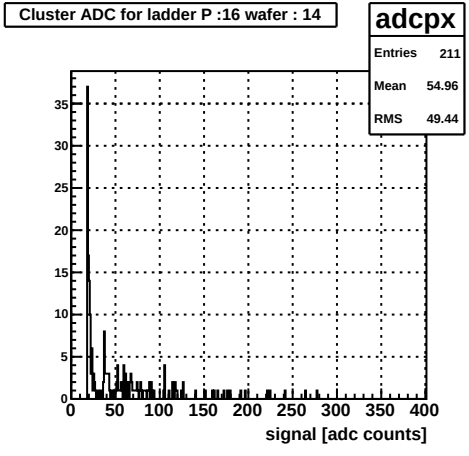

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 316
Mean 40.8
RMS 45.71
signal [adc counts]

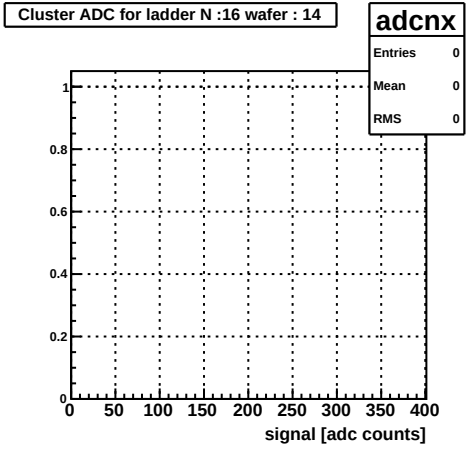

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

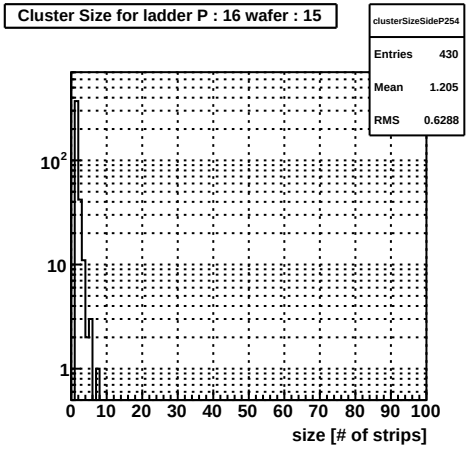

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 211
Mean 1.403
RMS 0.7046
size [# of strips]

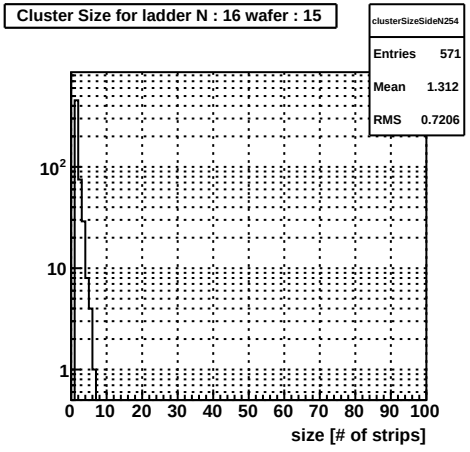

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

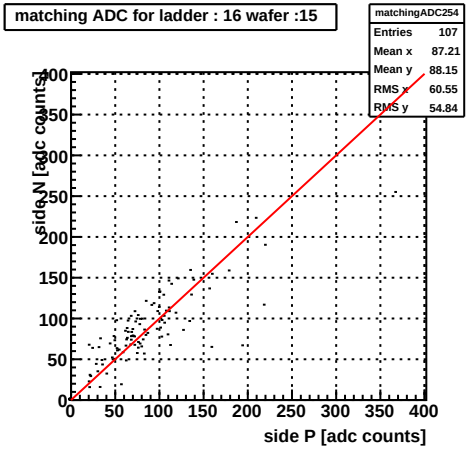

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

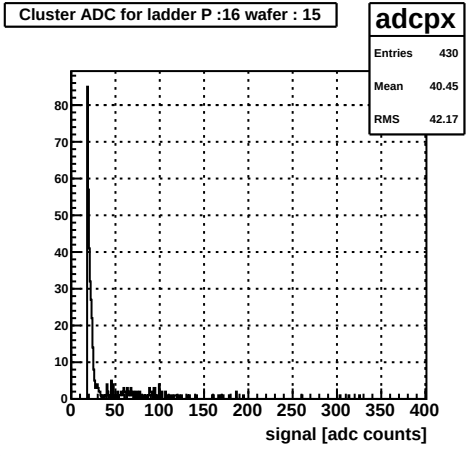

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 211
Mean 54.96
RMS 49.44
signal [adc counts]

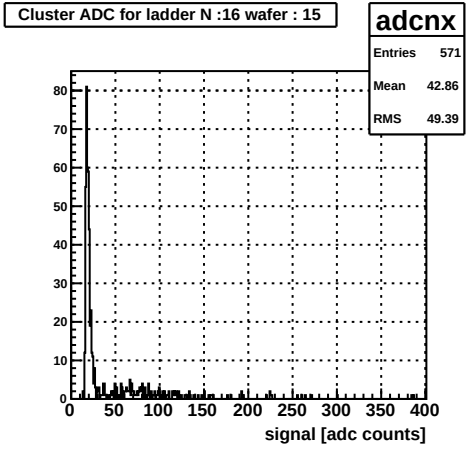

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

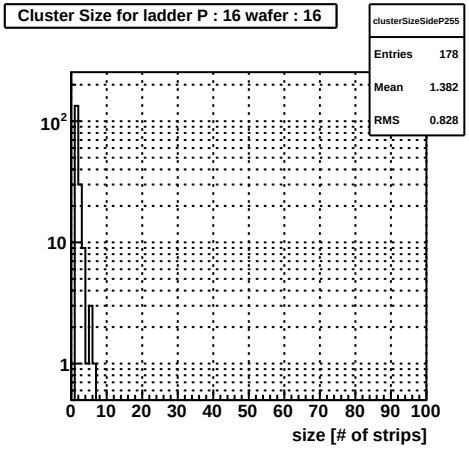

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 430
Mean 1.205
RMS 0.6288
size [# of strips]

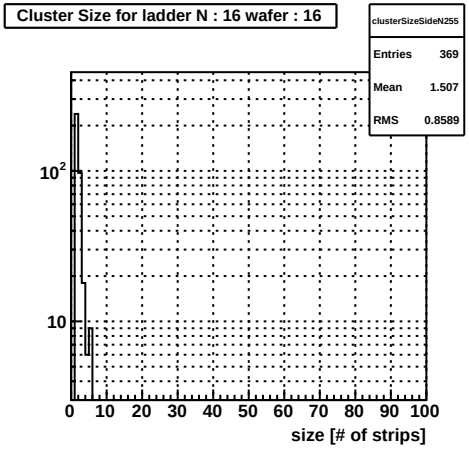

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 571
Mean 1.312
RMS 0.7206
size [# of strips]

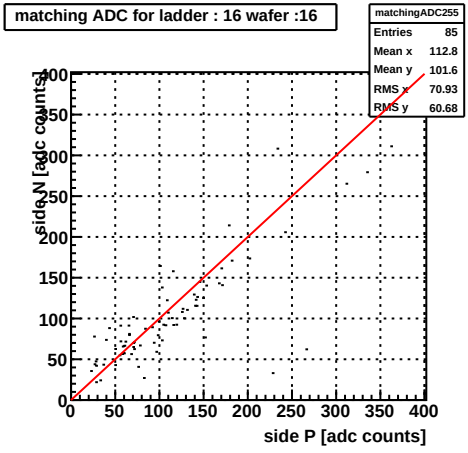

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 107
Mean x 87.21
Mean y 88.15
RMS x 60.55
RMS y 54.84
side N [adc counts]
side P [adc counts]

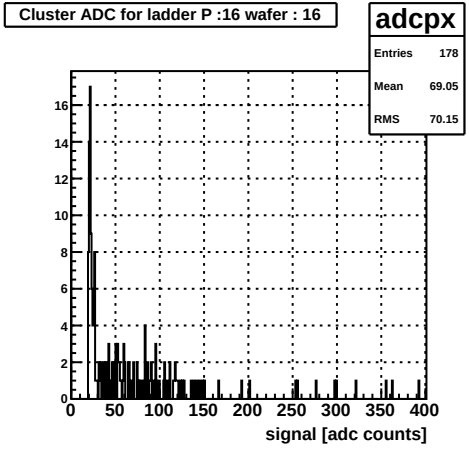

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 430
Mean 40.45
RMS 42.17
signal [adc counts]

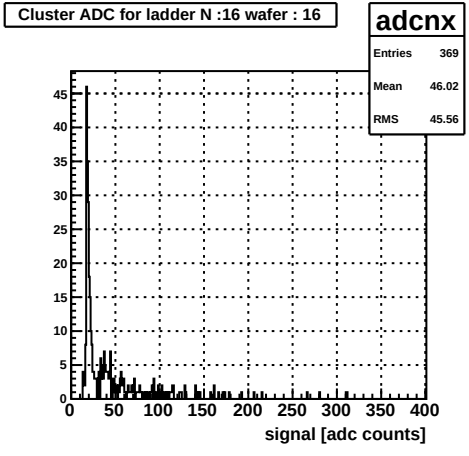

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 571
Mean 42.86
RMS 49.39
signal [adc counts]

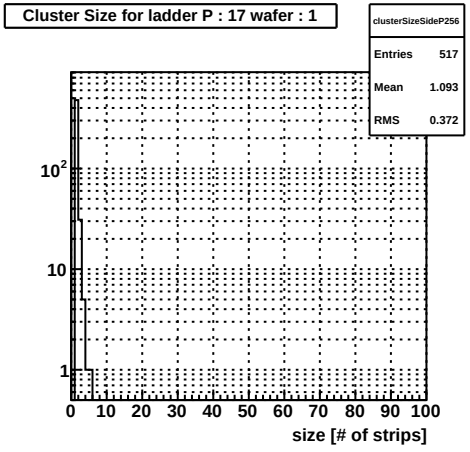

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 178
Mean 1.382
RMS 0.828
size [# of strips]

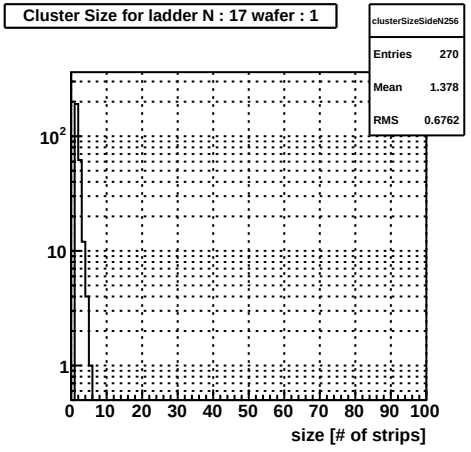

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 369
Mean 1.507
RMS 0.8589
size [# of strips]

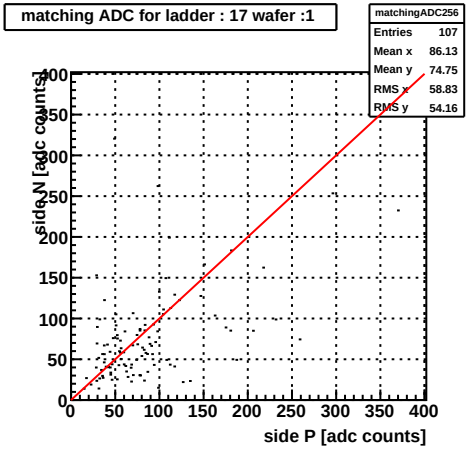

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 85
Mean x 112.8
Mean y 101.6
RMS x 70.93
RMS y 60.68
side N [adc counts]
side P [adc counts]

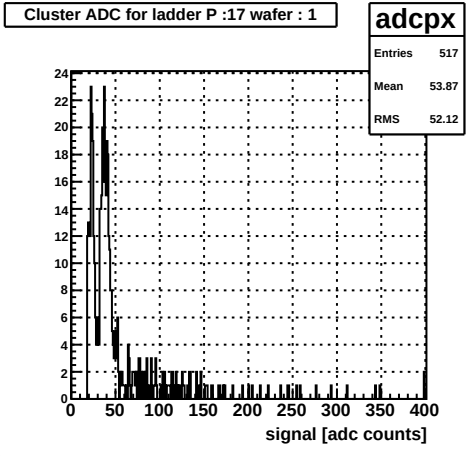

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 178
Mean 69.05
RMS 70.15
signal [adc counts]

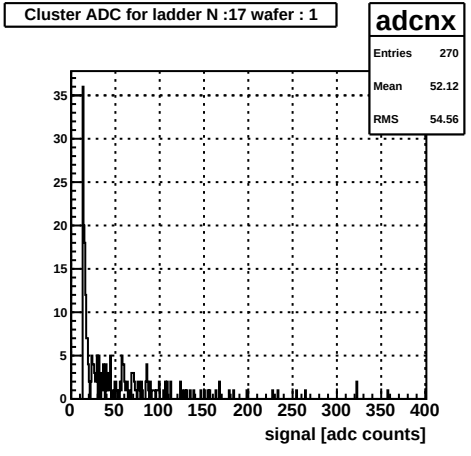

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 369
Mean 46.02
RMS 45.56
signal [adc counts]

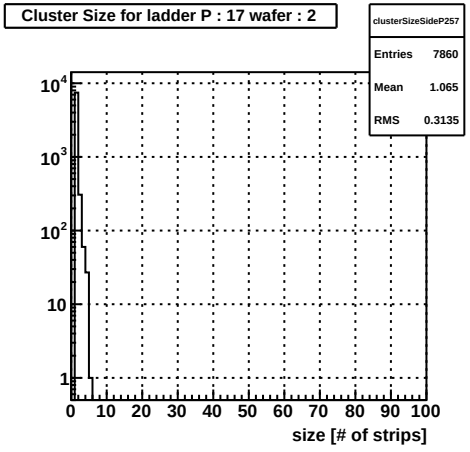

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 517
Mean 1.093
RMS 0.372
size [# of strips]

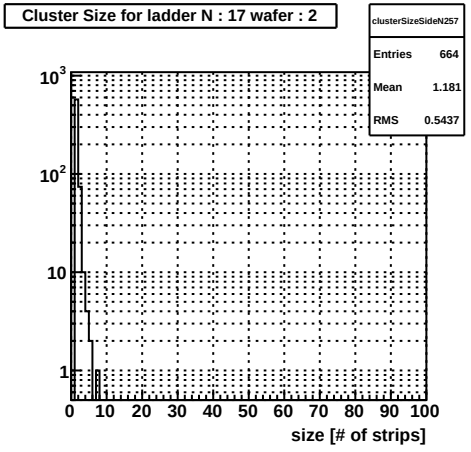

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 270
Mean 1.378
RMS 0.6762
size [# of strips]

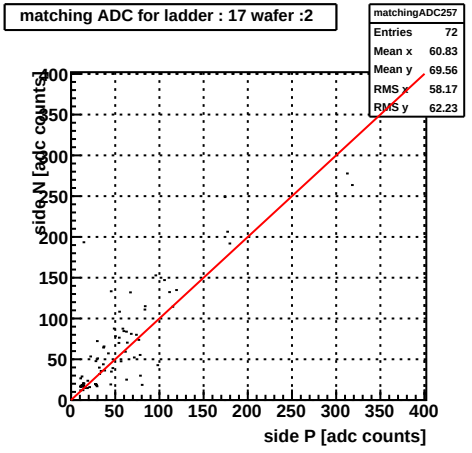

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 107
Mean x 86.13
Mean y 74.75
RMS x 58.83
RMS y 54.16
side N [adc counts]
side P [adc counts]

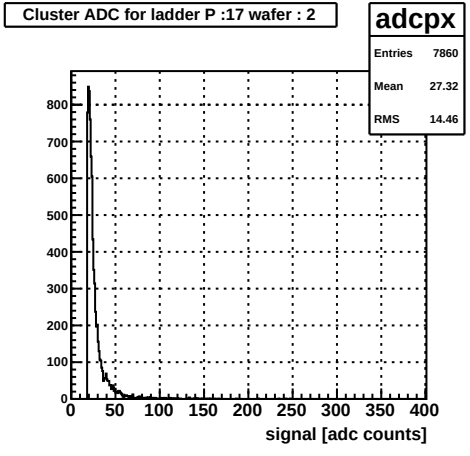

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 517
Mean 53.87
RMS 52.12
signal [adc counts]

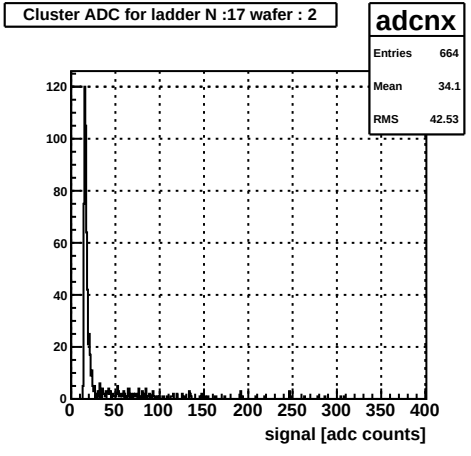

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 270
Mean 52.12
RMS 54.56
signal [adc counts]

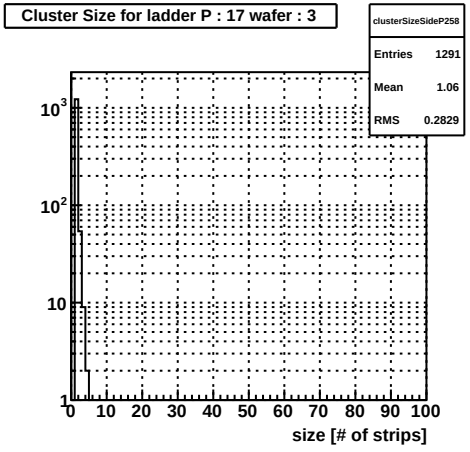

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 7860
Mean 1.065
RMS 0.3135
size [# of strips]

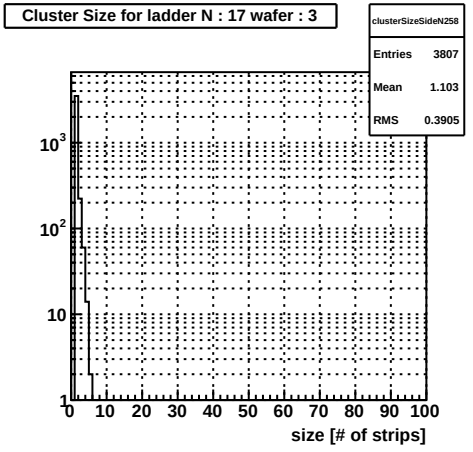

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 664
Mean 1.181
RMS 0.5437
size [# of strips]

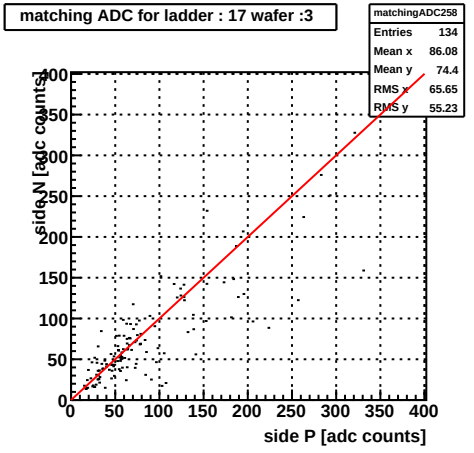

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 72
Mean x 60.83
Mean y 69.56
RMS x 58.17
RMS y 62.23
side N [adc counts]
side P [adc counts]

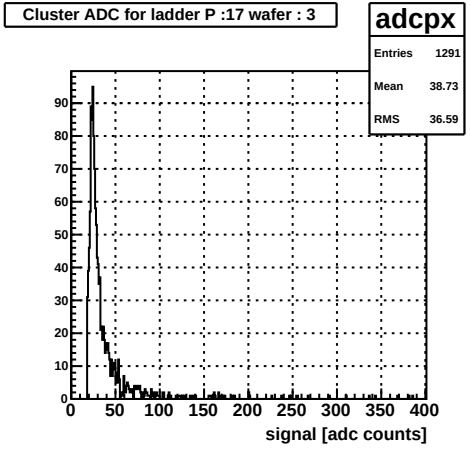

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 7860
Mean 27.32
RMS 14.46
signal [adc counts]

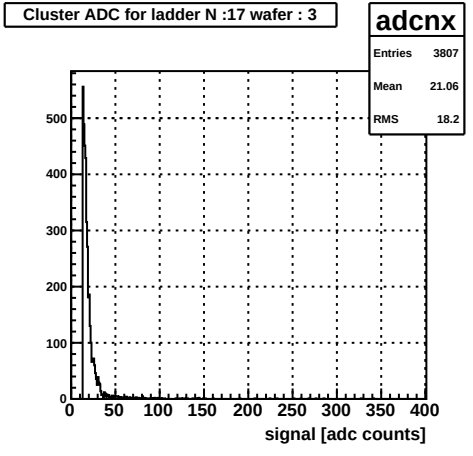

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 664
Mean 34.1
RMS 42.53
signal [adc counts]

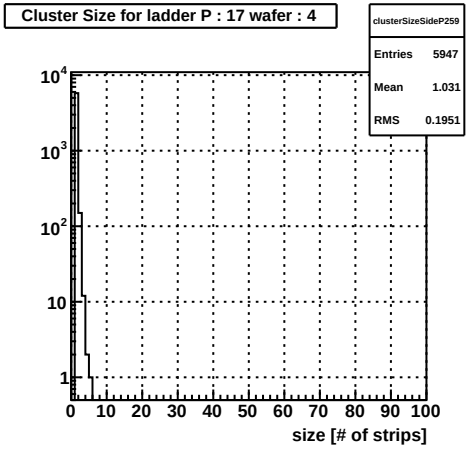

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 1291
Mean 1.06
RMS 0.2829
size [# of strips]

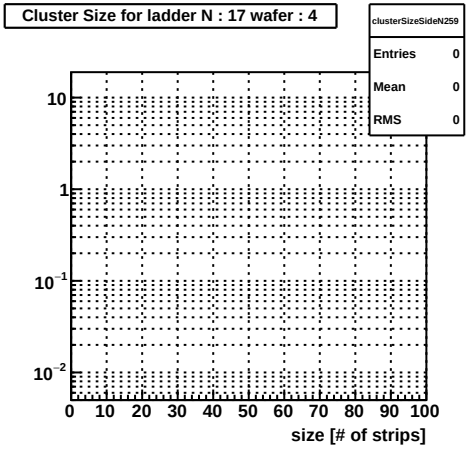

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 3807
Mean 1.103
RMS 0.3905
size [# of strips]

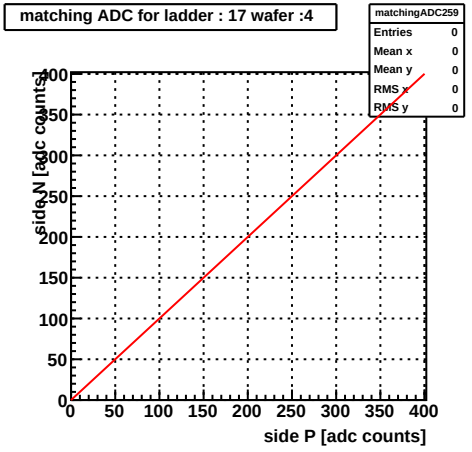

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 134
Mean x 86.08
Mean y 74.4
RMS x 65.65
RMS y 55.23
side N [adc counts]
side P [adc counts]

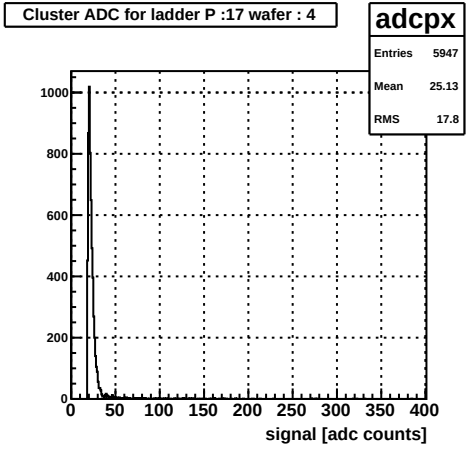

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 1291
Mean 38.73
RMS 36.59
signal [adc counts]

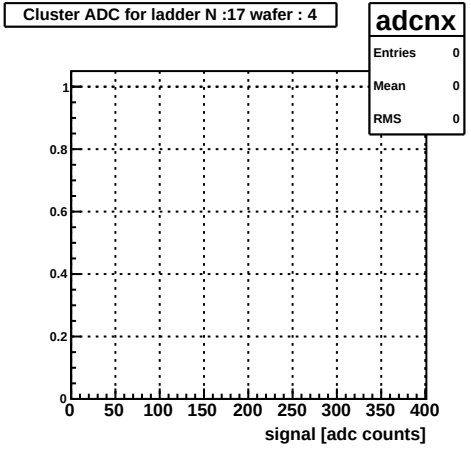

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 3807
Mean 21.06
RMS 18.2
signal [adc counts]

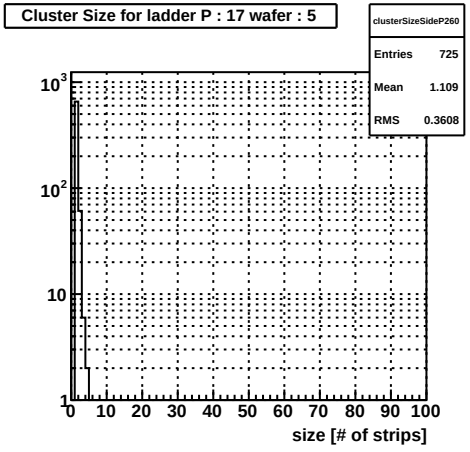

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 5947
Mean 1.031
RMS 0.1951
size [# of strips]

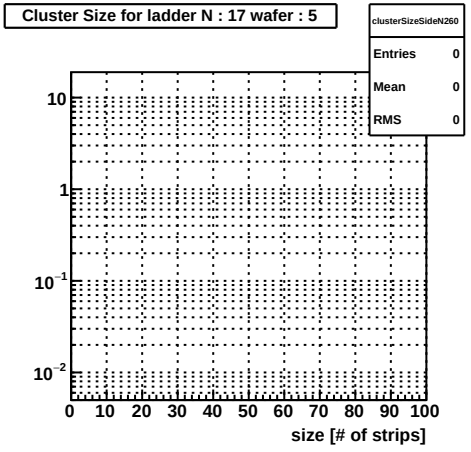

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

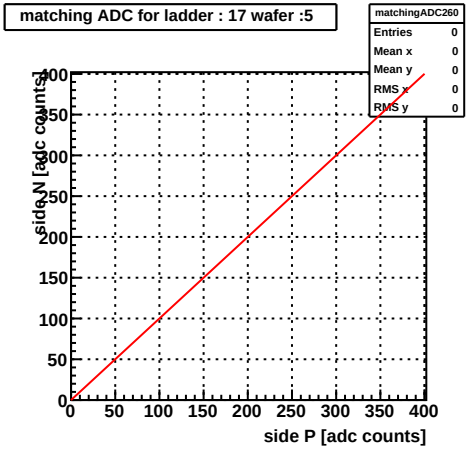

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

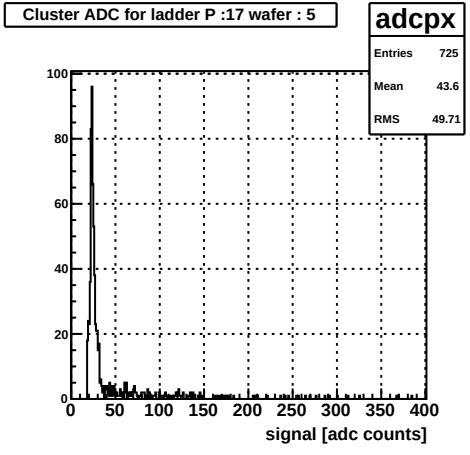

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 5947
Mean 25.13
RMS 17.8
signal [adc counts]

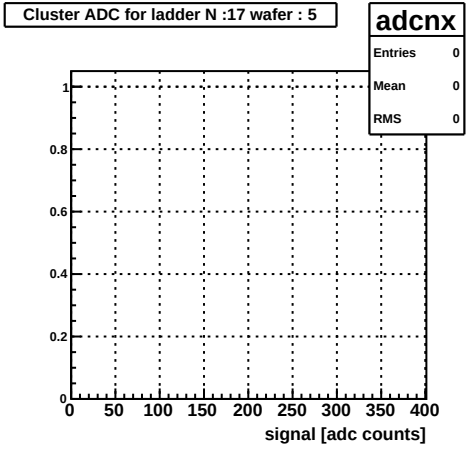

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

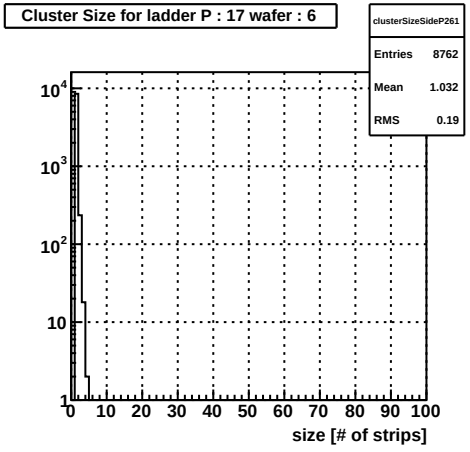

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 725
Mean 1.109
RMS 0.3608
size [# of strips]

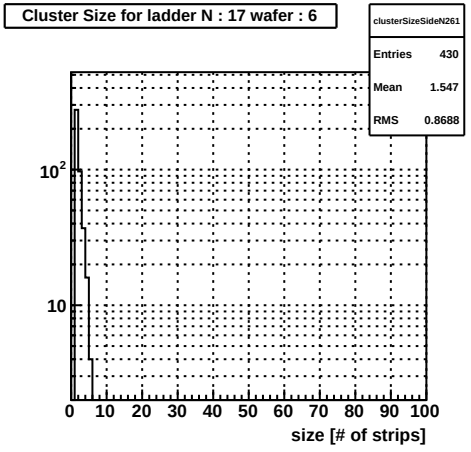

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

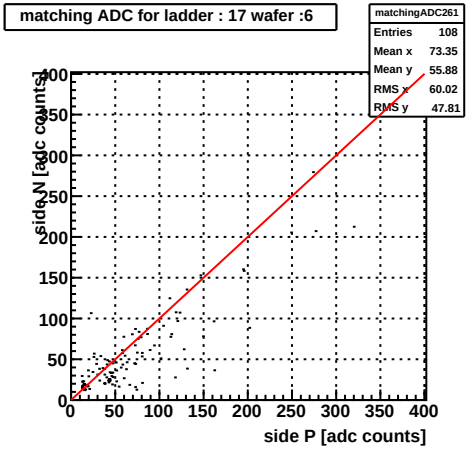

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

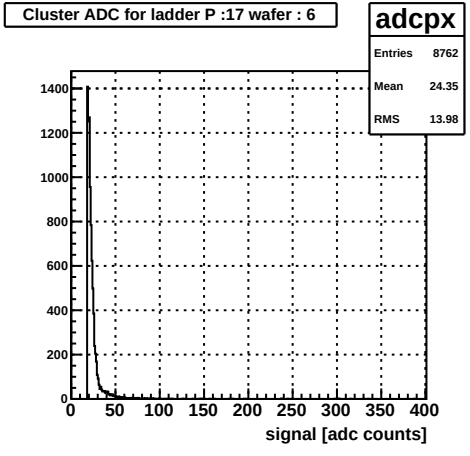

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 725
Mean 43.6
RMS 49.71
signal [adc counts]

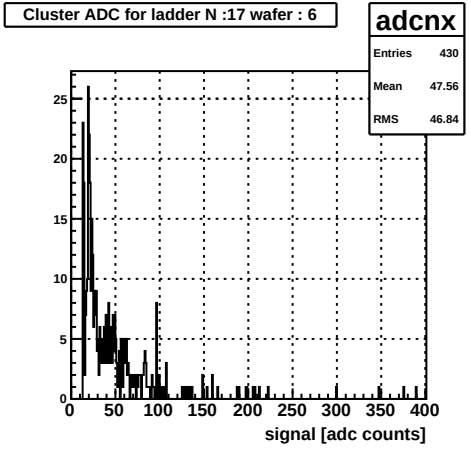

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

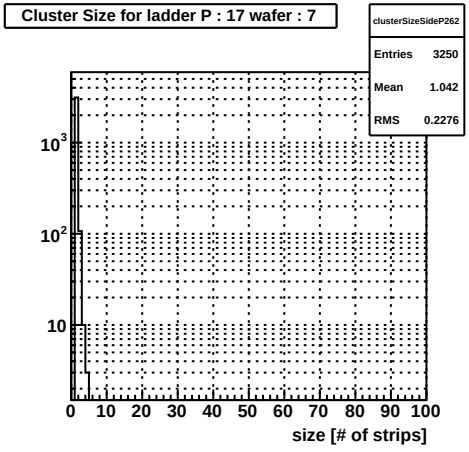

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 8762
Mean 1.032
RMS 0.19
size [# of strips]

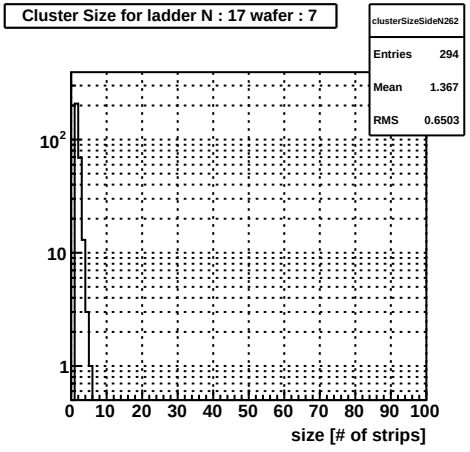

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 430
Mean 1.547
RMS 0.8688
size [# of strips]

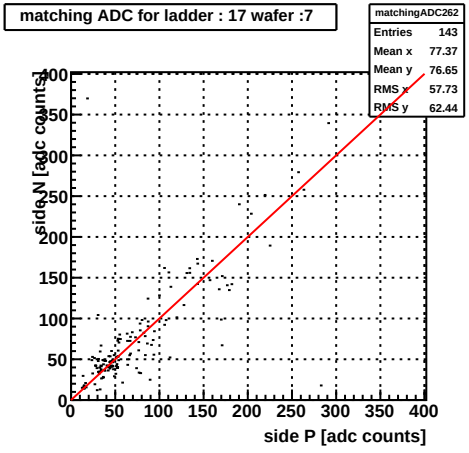

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 108
Mean x 73.35
Mean y 55.88
RMS x 60.02
RMS y 47.81
side N [adc counts]
side P [adc counts]

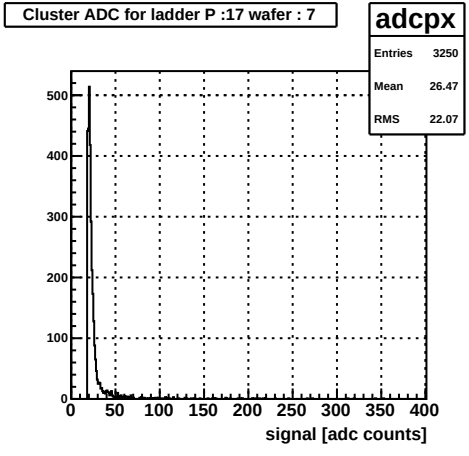

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 8762
Mean 24.35
RMS 13.98
signal [adc counts]

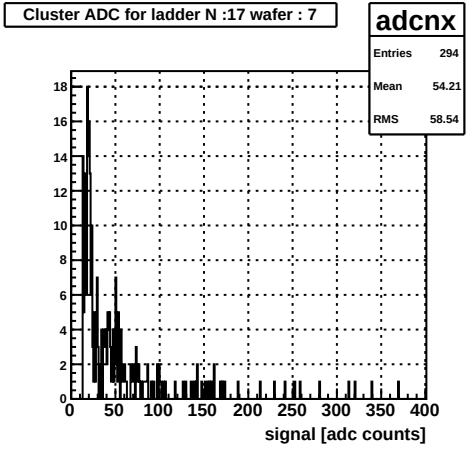

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 430
Mean 47.56
RMS 46.84
signal [adc counts]

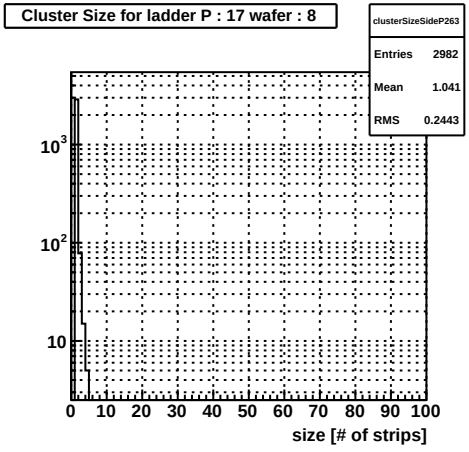

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 3250
Mean 1.042
RMS 0.2276
size [# of strips]

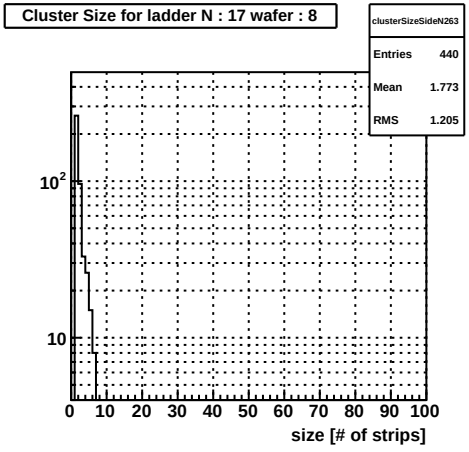

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 294
Mean 1.367
RMS 0.6503
size [# of strips]

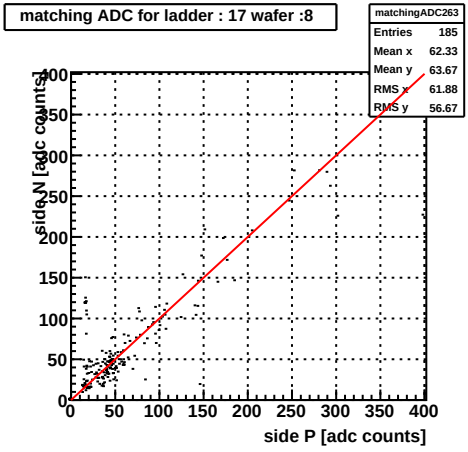

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 143
Mean x 77.37
Mean y 76.65
RMS x 57.73
RMS y 62.44
side N [adc counts]
side P [adc counts]

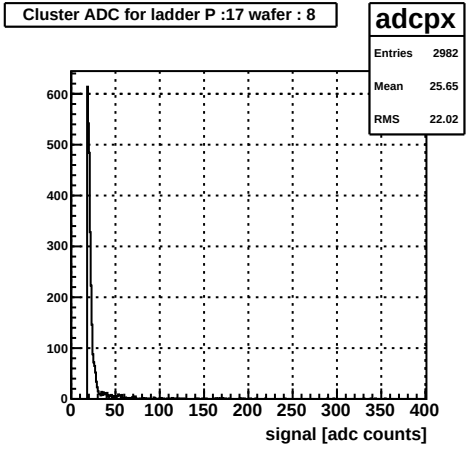

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 3250
Mean 26.47
RMS 22.07
signal [adc counts]

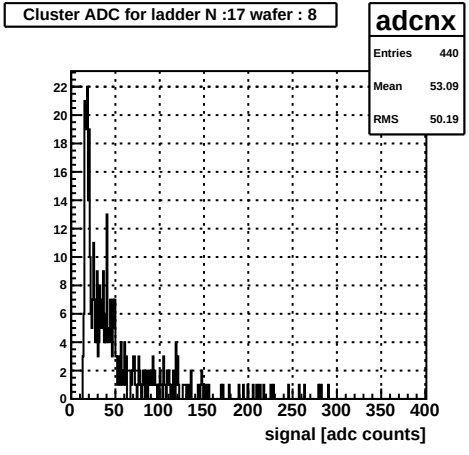

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 294
Mean 54.21
RMS 58.54
signal [adc counts]

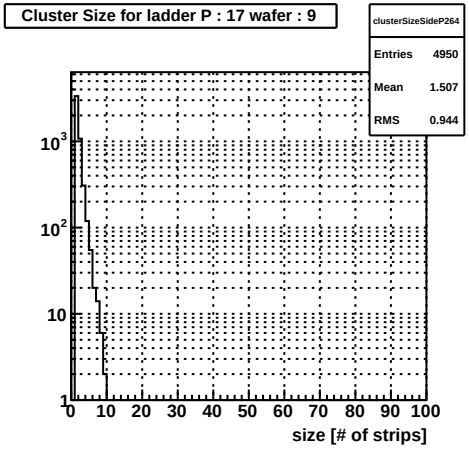

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 2982
Mean 1.041
RMS 0.2443
size [# of strips]

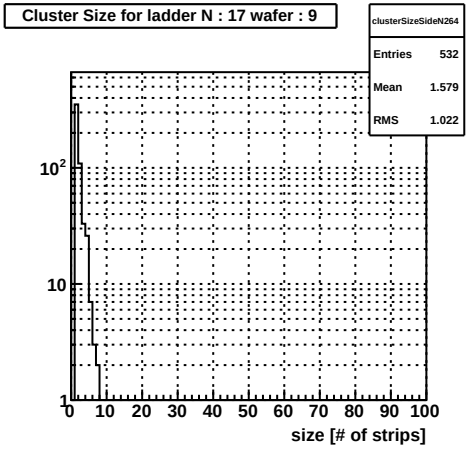

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 440
Mean 1.773
RMS 1.205
size [# of strips]

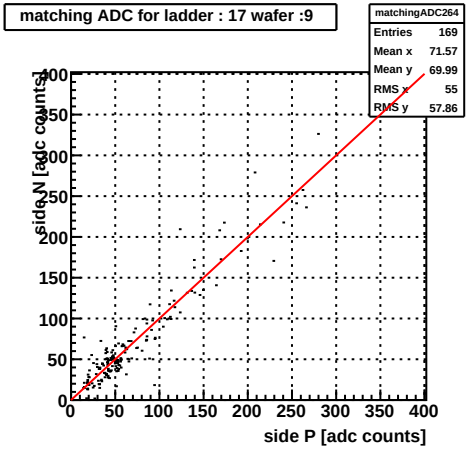

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 185
Mean x 62.33
Mean y 63.67
RMS x 61.88
RMS y 56.67
side N [adc counts]
side P [adc counts]

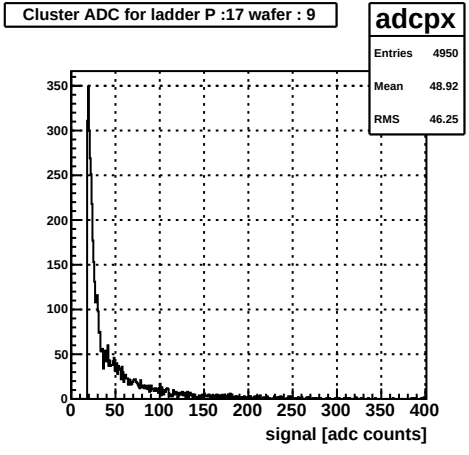

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 2982
Mean 25.65
RMS 22.02
signal [adc counts]

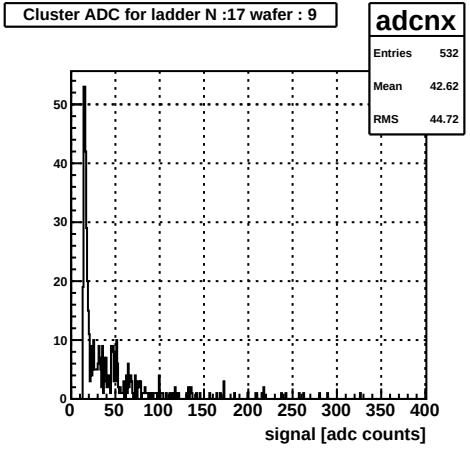

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 440
Mean 53.09
RMS 50.19
signal [adc counts]

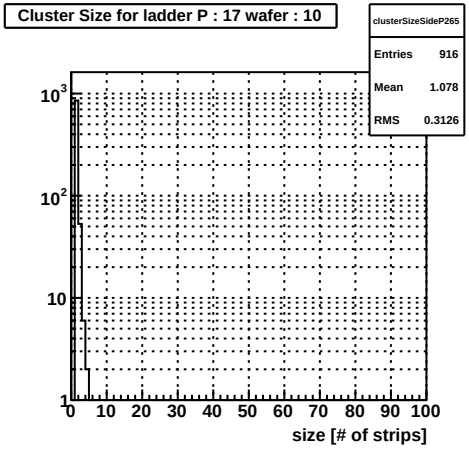

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 4950
Mean 1.507
RMS 0.944
size [# of strips]

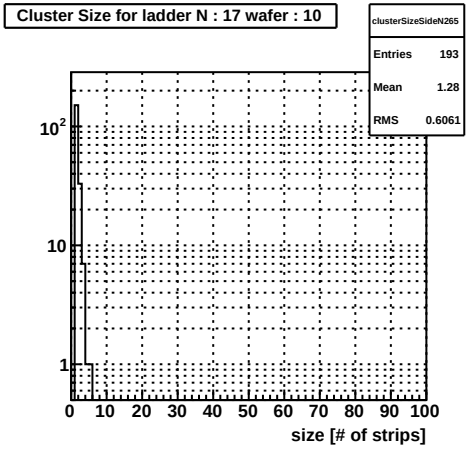

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 532
Mean 1.579
RMS 1.022
size [# of strips]

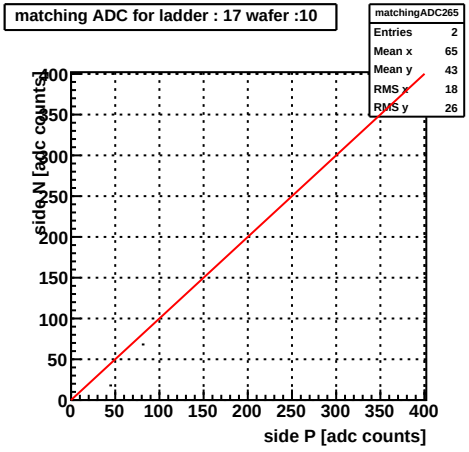

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 169
Mean x 71.57
Mean y 69.99
RMS x 55
RMS y 57.86
side N [adc counts]
side P [adc counts]

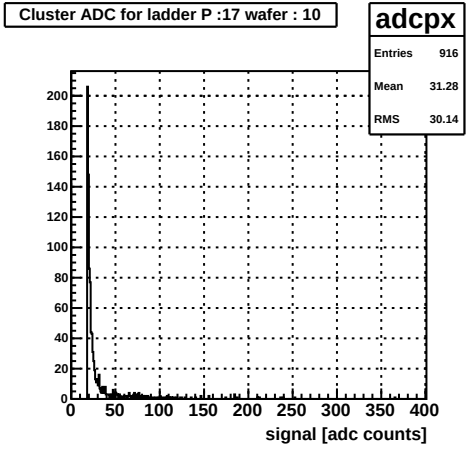

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 4950
Mean 48.92
RMS 46.25
signal [adc counts]

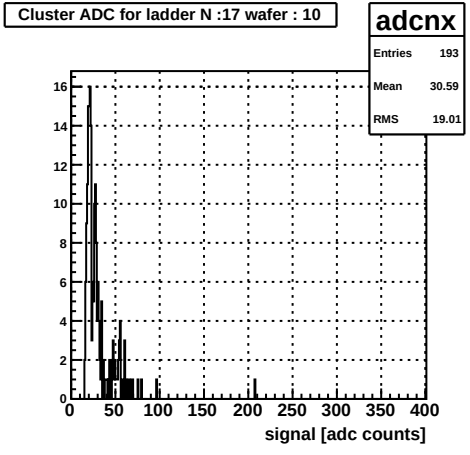

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 532
Mean 42.62
RMS 44.72
signal [adc counts]

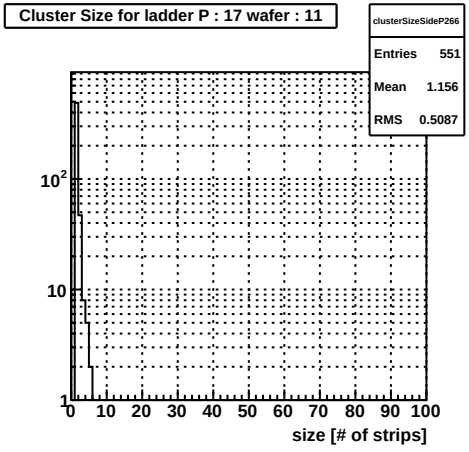

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 916
Mean 1.078
RMS 0.3126
size [# of strips]

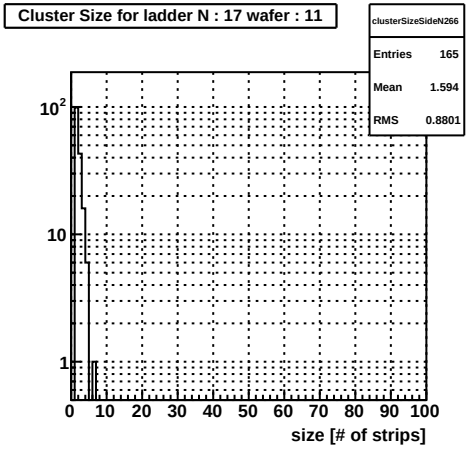

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 193
Mean 1.28
RMS 0.6061
size [# of strips]

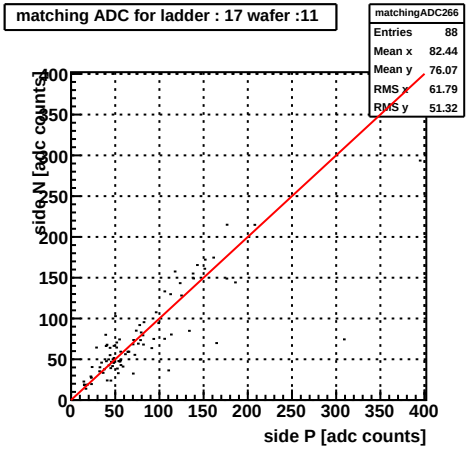

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 2
Mean x 65
Mean y 43
RMS x 18
RMS y 26
side N [adc counts]
side P [adc counts]

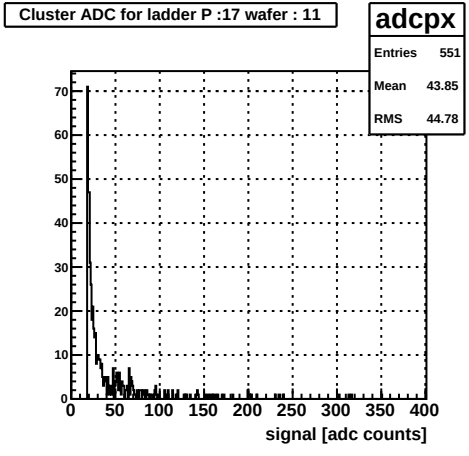

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 916
Mean 31.28
RMS 30.14
signal [adc counts]

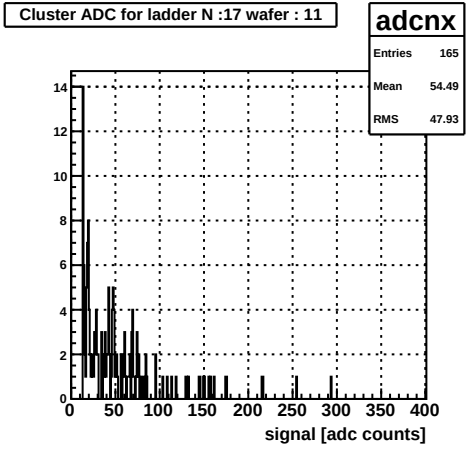

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 193
Mean 30.59
RMS 19.01
signal [adc counts]

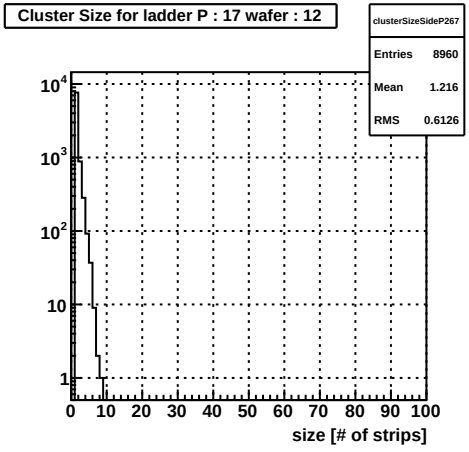

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 551
Mean 1.156
RMS 0.5087
size [# of strips]

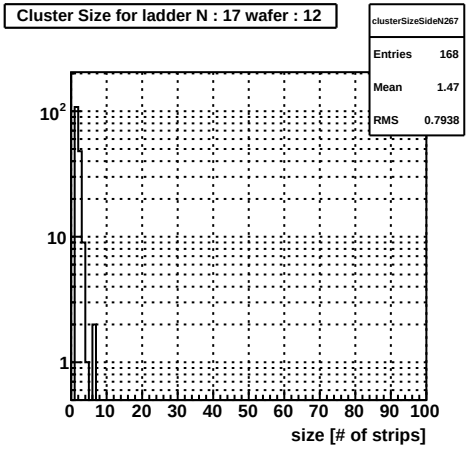

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 165
Mean 1.594
RMS 0.8801
size [# of strips]

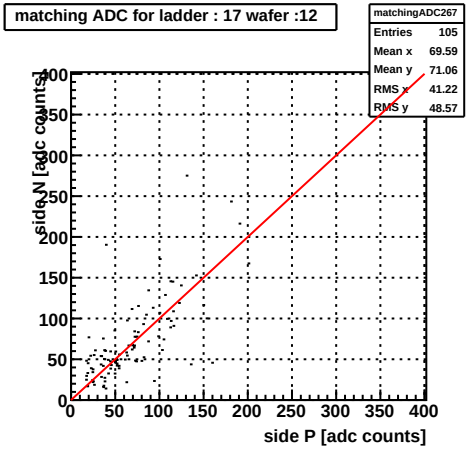

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 88
Mean x 82.44
Mean y 76.07
RMS x 61.79
RMS y 51.32
side N [adc counts]
side P [adc counts]

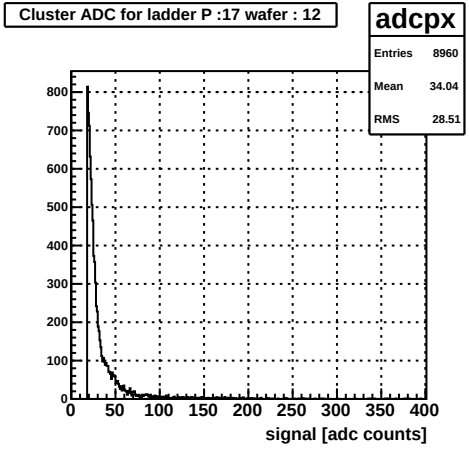

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 551
Mean 43.85
RMS 44.78
signal [adc counts]

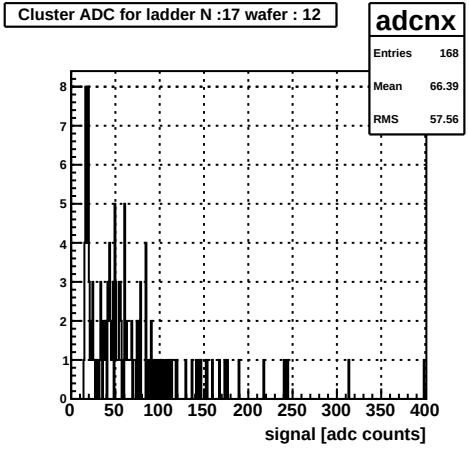

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 165
Mean 54.49
RMS 47.93
signal [adc counts]

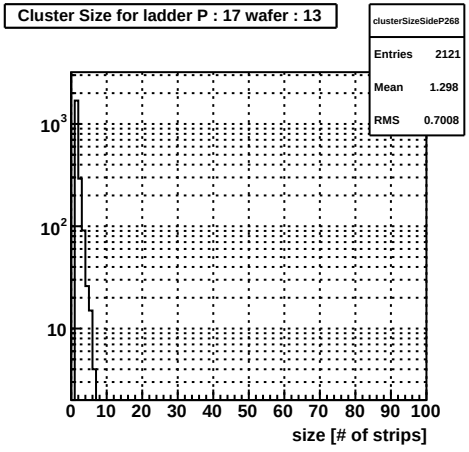

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 8960
Mean 1.216
RMS 0.6126
size [# of strips]

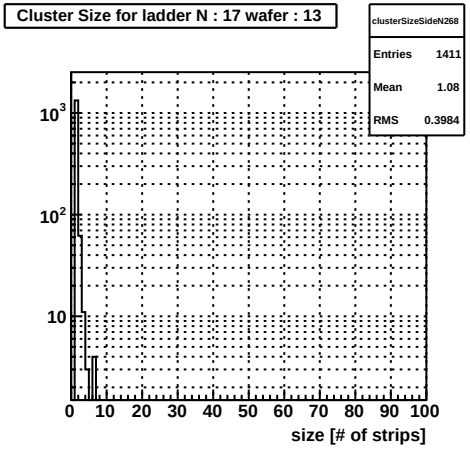

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 168
Mean 1.47
RMS 0.7938
size [# of strips]

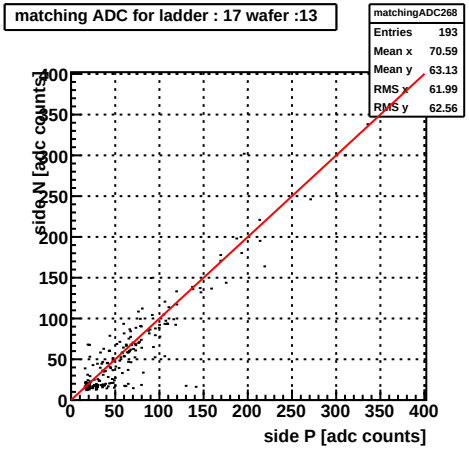

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 105
Mean x 69.59
Mean y 71.06
RMS x 41.22
RMS y 48.57
side N [adc counts]
side P [adc counts]

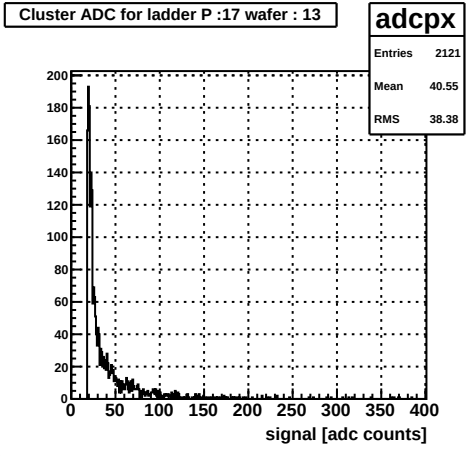

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 8960
Mean 34.04
RMS 28.51
signal [adc counts]

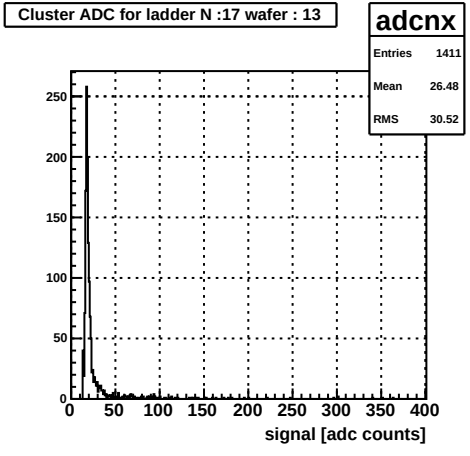

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 168
Mean 66.39
RMS 57.56
signal [adc counts]

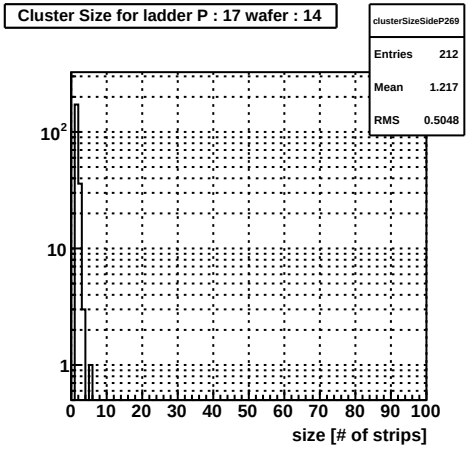

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 2121
Mean 1.298
RMS 0.7008
size [# of strips]

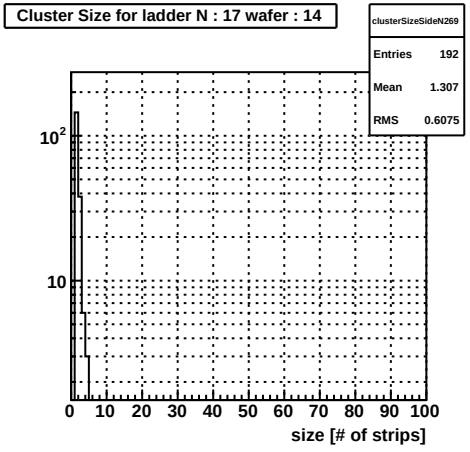

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 1411
Mean 1.08
RMS 0.3984
size [# of strips]

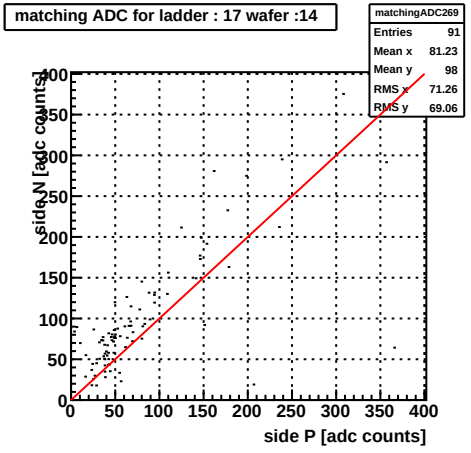

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 193
Mean x 70.59
Mean y 63.13
RMS x 61.99
RMS y 62.56
side N [adc counts]
side P [adc counts]

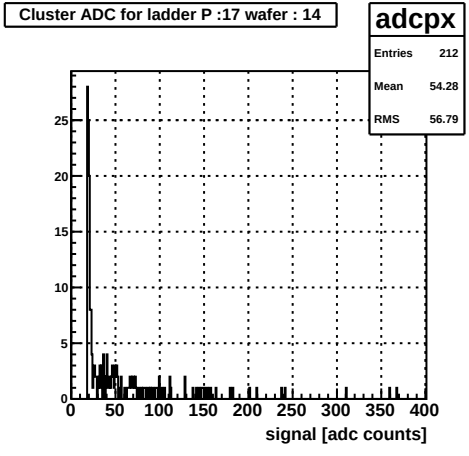

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 2121
Mean 40.55
RMS 38.38
signal [adc counts]

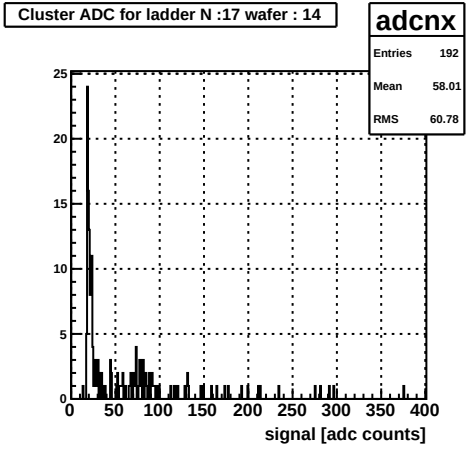

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 1411
Mean 26.48
RMS 30.52
signal [adc counts]

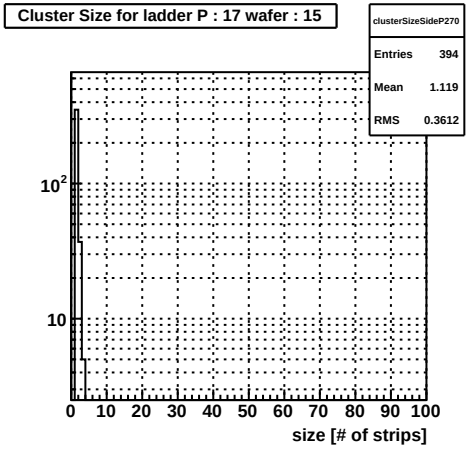

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 212
Mean 1.217
RMS 0.5048
size [# of strips]

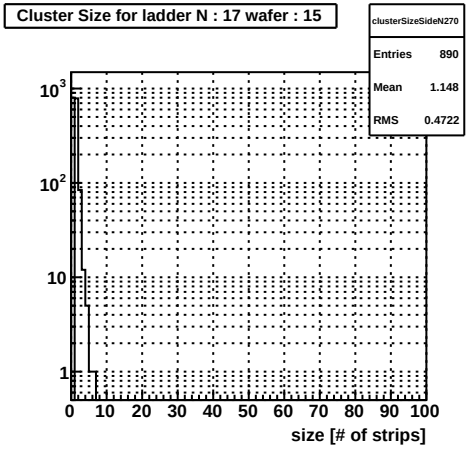

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 192
Mean 1.307
RMS 0.6075
size [# of strips]

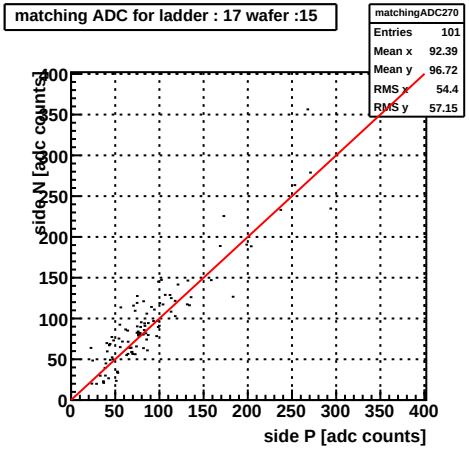

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 91
Mean x 81.23
Mean y 98
RMS x 71.26
RMS y 69.06
side N [adc counts]
side P [adc counts]

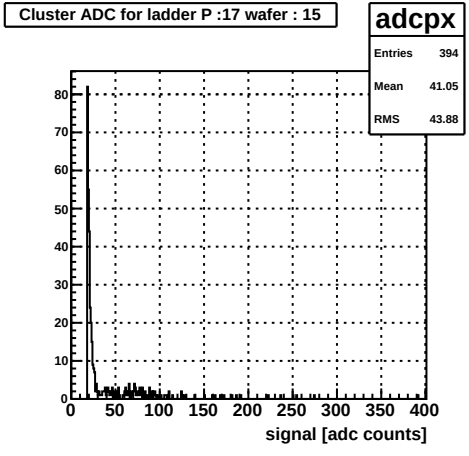

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 212
Mean 54.28
RMS 56.79
signal [adc counts]

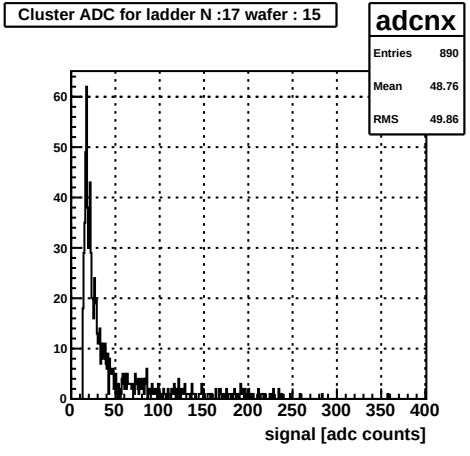

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 192
Mean 58.01
RMS 60.78
signal [adc counts]

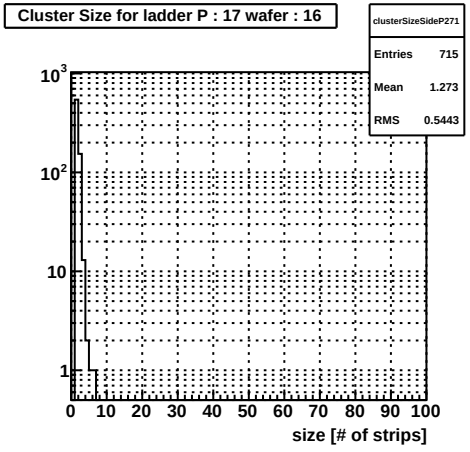

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 394
Mean 1.119
RMS 0.3612
size [# of strips]

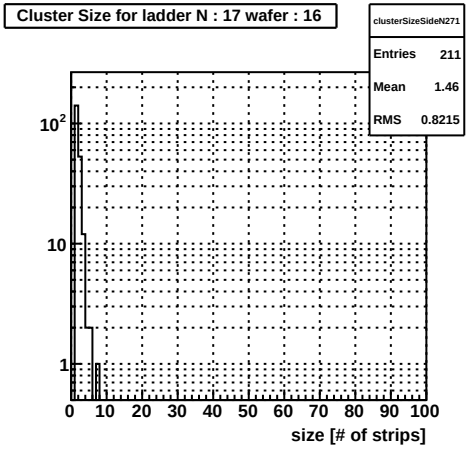

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 890
Mean 1.148
RMS 0.4722
size [# of strips]

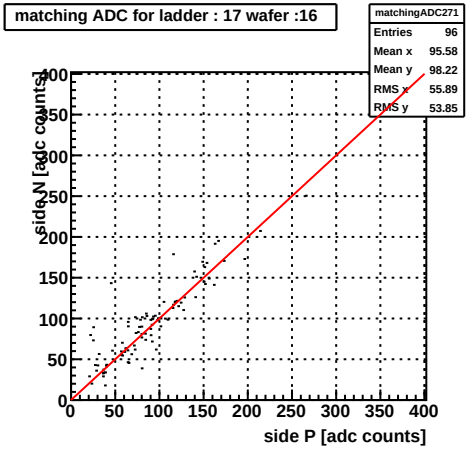

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 101
Mean x 92.39
Mean y 96.72
RMS x 54.4
RMS y 57.15
side N [adc counts]
side P [adc counts]

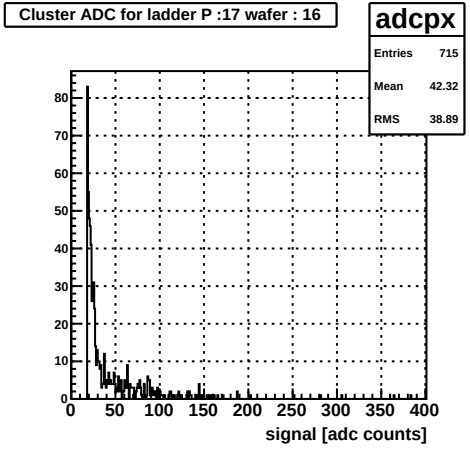

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 394
Mean 41.05
RMS 43.88
signal [adc counts]

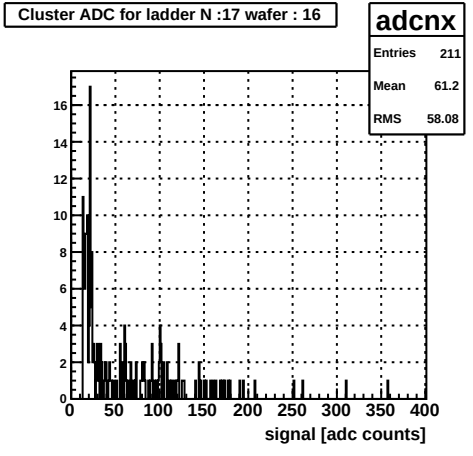

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 890
Mean 48.76
RMS 49.86
signal [adc counts]

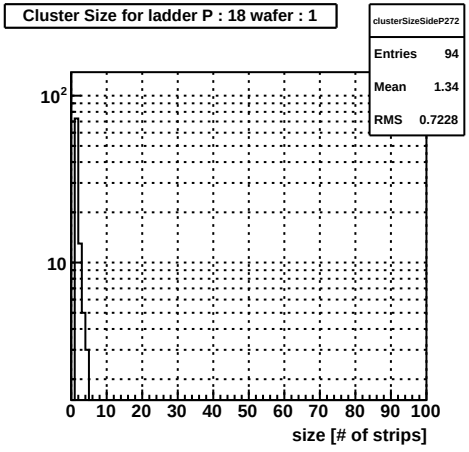

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 715
Mean 1.273
RMS 0.5443
size [# of strips]

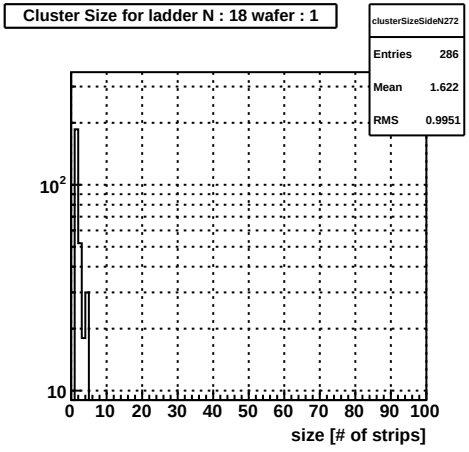

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 211
Mean 1.46
RMS 0.8215
size [# of strips]

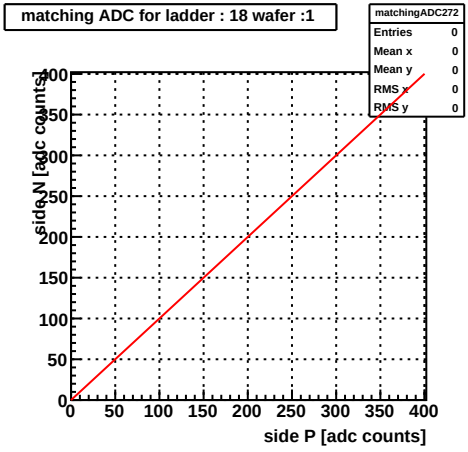

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 96
Mean x 95.58
Mean y 98.22
RMS x 55.89
RMS y 53.85
side N [adc counts]
side P [adc counts]

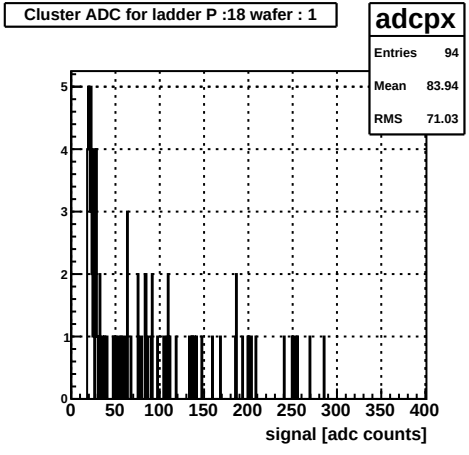

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 715
Mean 42.32
RMS 38.89
signal [adc counts]

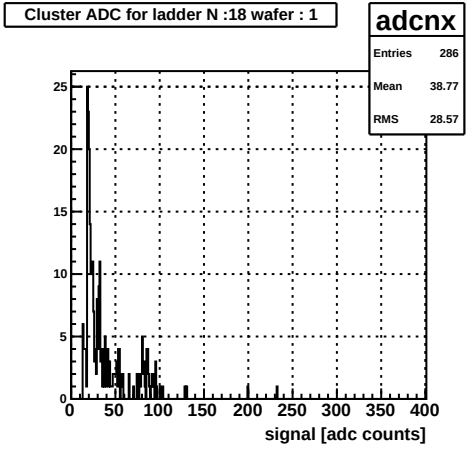

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 211
Mean 61.2
RMS 58.08
signal [adc counts]

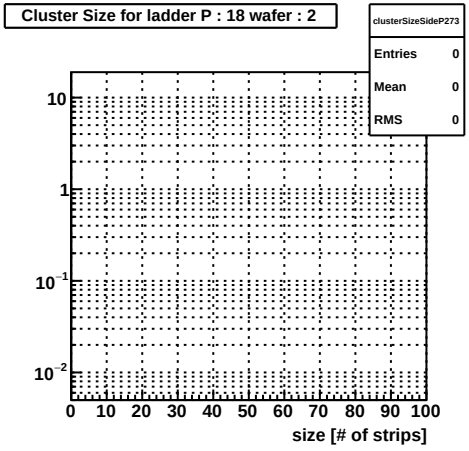

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 94
Mean 1.34
RMS 0.7228
size [# of strips]

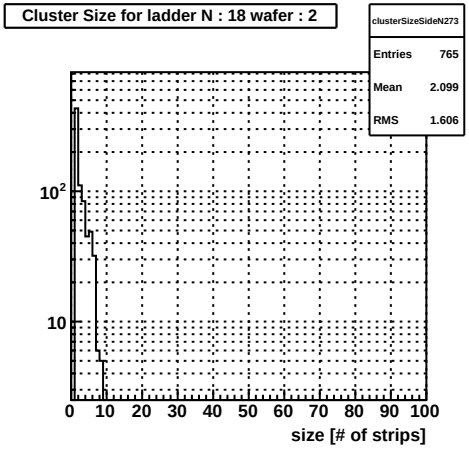

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 286
Mean 1.622
RMS 0.9951
size [# of strips]

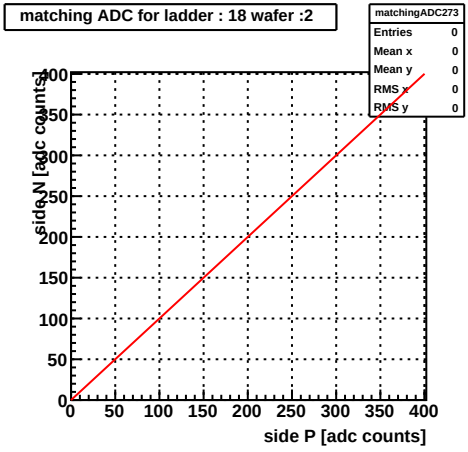

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

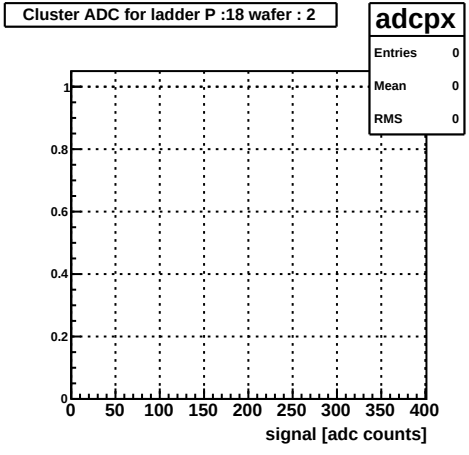

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 94
Mean 83.94
RMS 71.03
signal [adc counts]

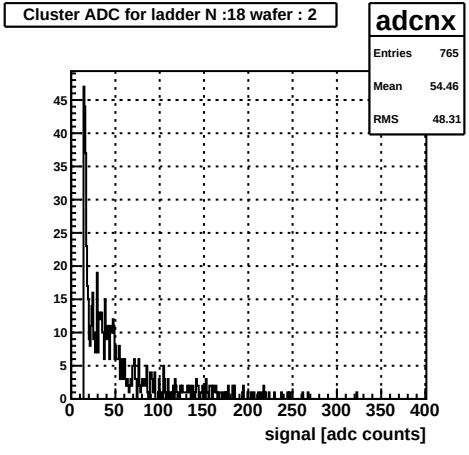

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 286
Mean 38.77
RMS 28.57
signal [adc counts]

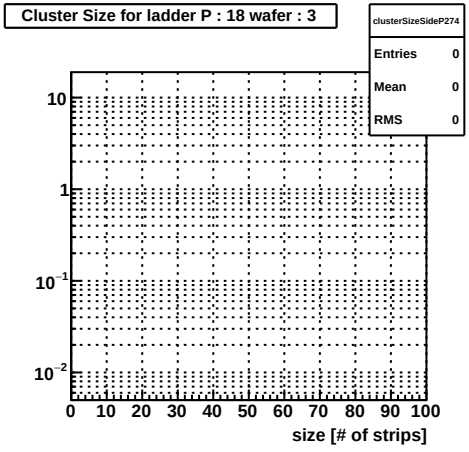

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

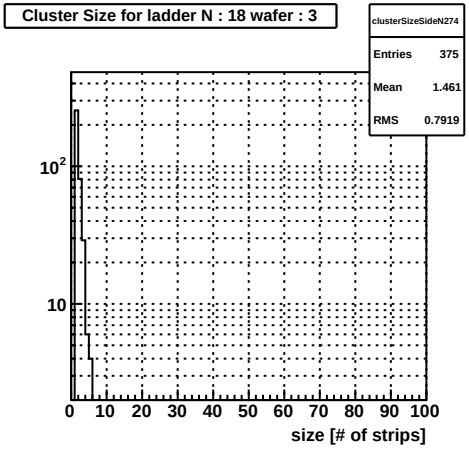

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 765
Mean 2.099
RMS 1.606
size [# of strips]

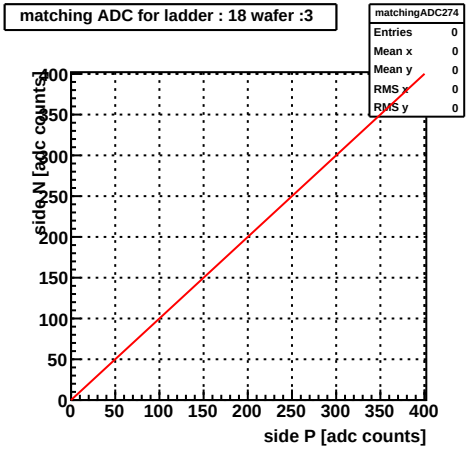

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

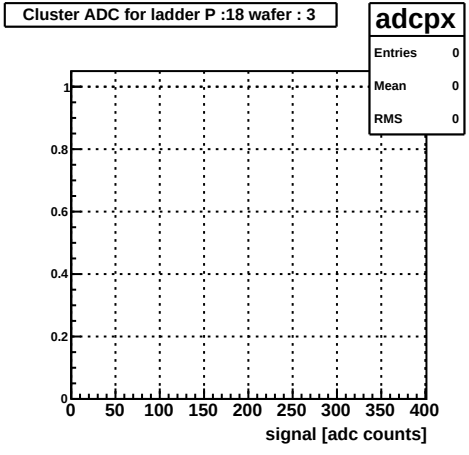

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

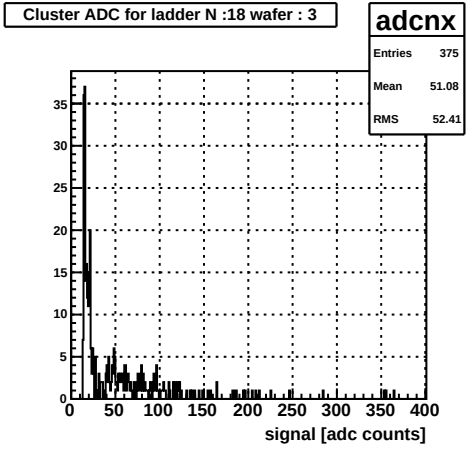

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 765
Mean 54.46
RMS 48.31
signal [adc counts]

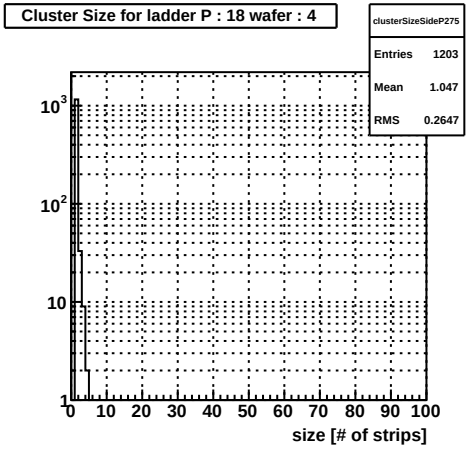

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

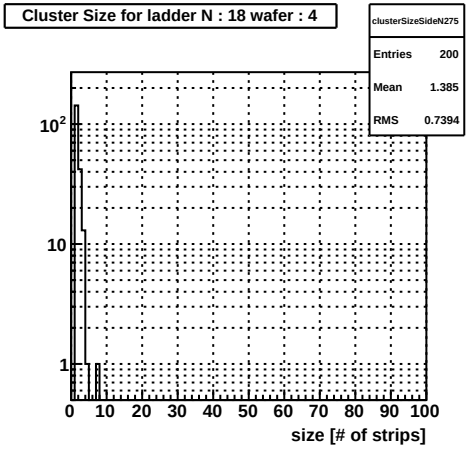

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 375
Mean 1.461
RMS 0.7919
size [# of strips]

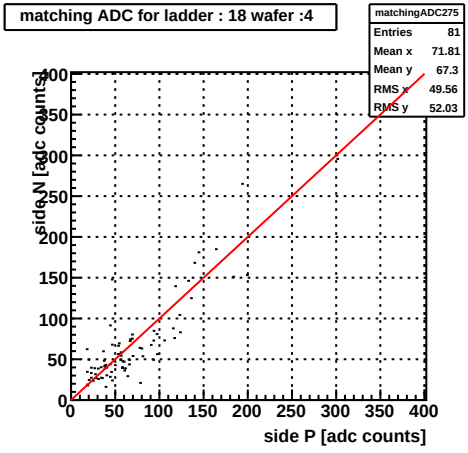

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

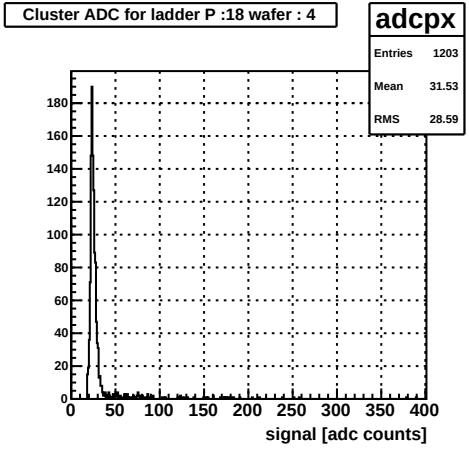

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

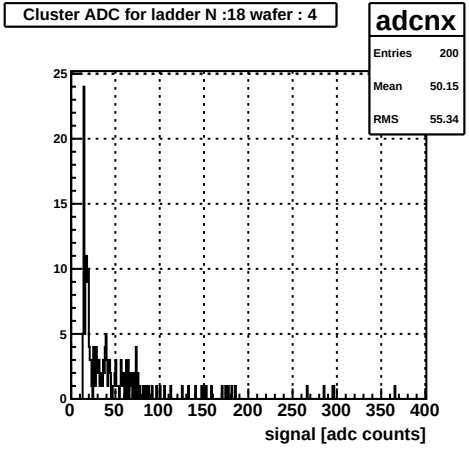

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 375
Mean 51.08
RMS 52.41
signal [adc counts]

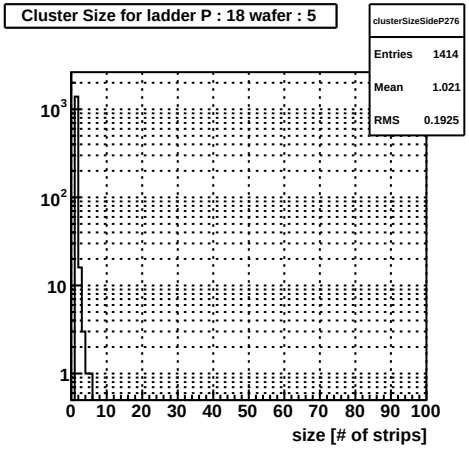

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 1203
Mean 1.047
RMS 0.2647
size [# of strips]

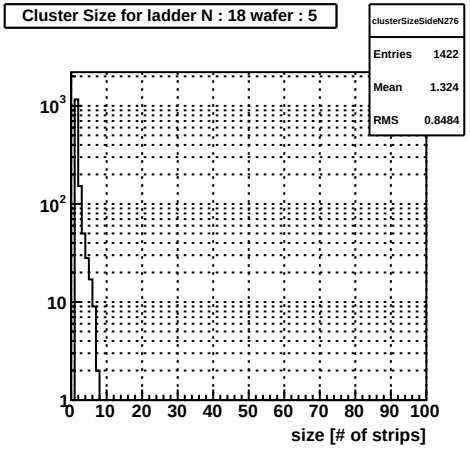

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 200
Mean 1.385
RMS 0.7394
size [# of strips]

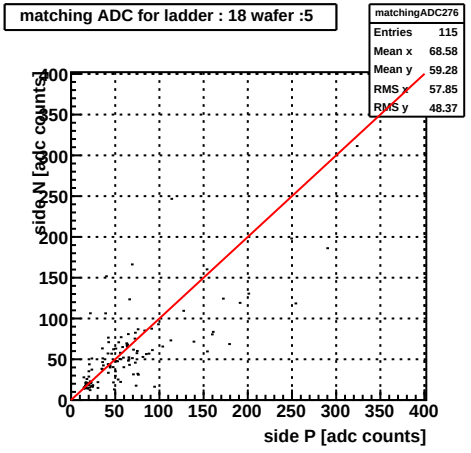

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 81
Mean x 71.81
Mean y 67.3
RMS x 49.56
RMS y 52.03
side N [adc counts]
side P [adc counts]

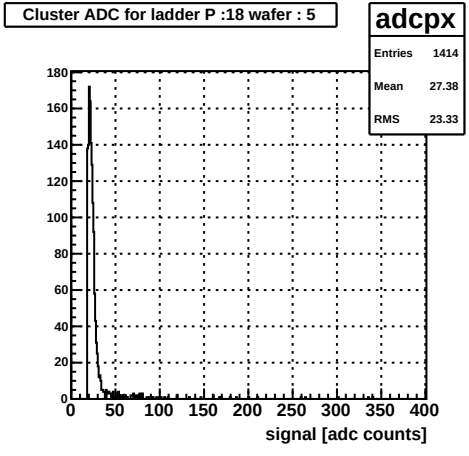

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 1203
Mean 31.53
RMS 28.59
signal [adc counts]

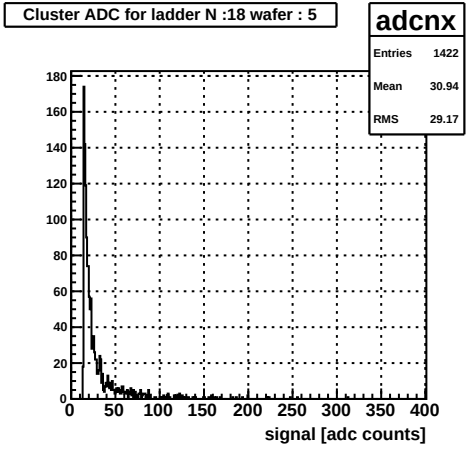

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 200
Mean 50.15
RMS 55.34
signal [adc counts]

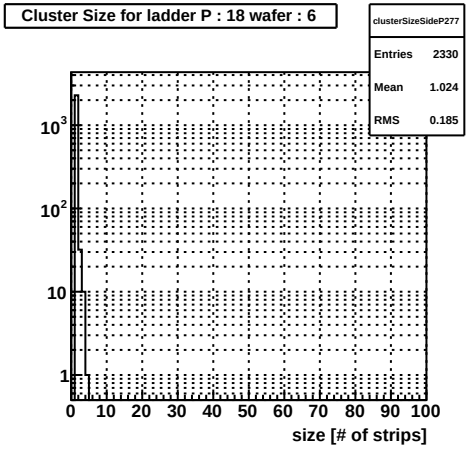

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 1414
Mean 1.021
RMS 0.1925
size [# of strips]

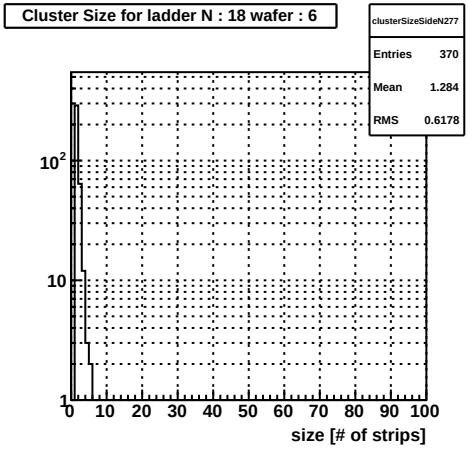

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 1422
Mean 1.324
RMS 0.8484
size [# of strips]

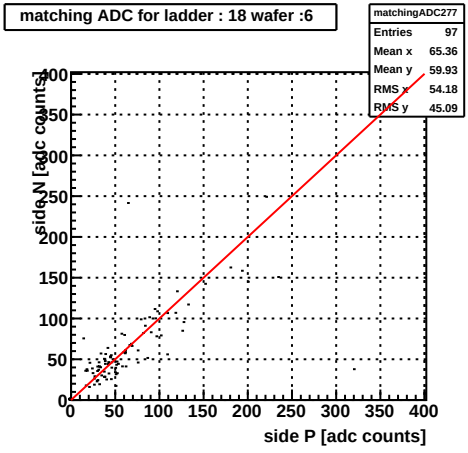

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 115
Mean x 68.58
Mean y 59.28
RMS x 57.85
RMS y 48.37
side N [adc counts]
side P [adc counts]

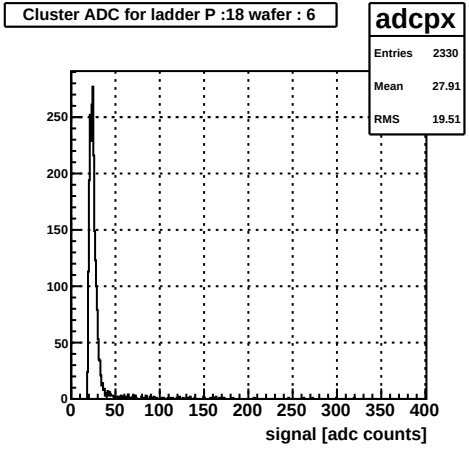

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 1414
Mean 27.38
RMS 23.33
signal [adc counts]

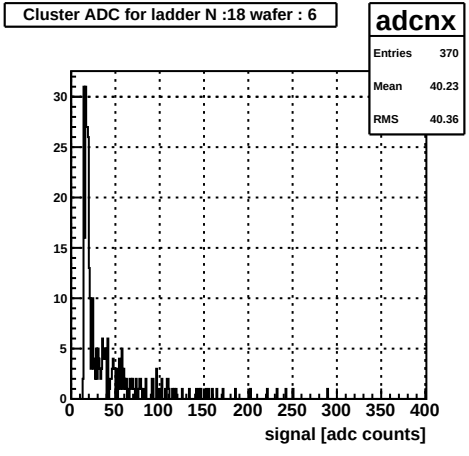

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 1422
Mean 30.94
RMS 29.17
signal [adc counts]

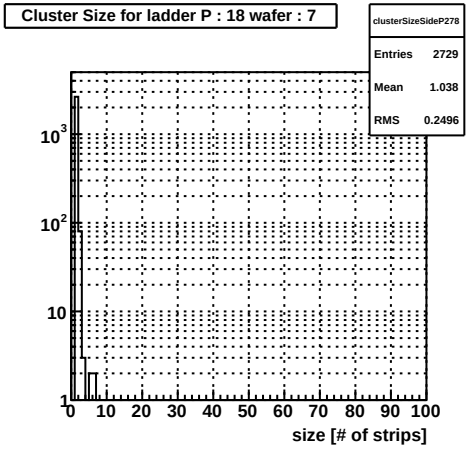

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 2330
Mean 1.024
RMS 0.185
size [# of strips]

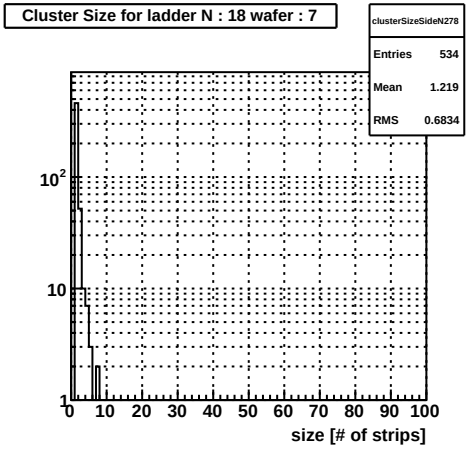

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 370
Mean 1.284
RMS 0.6178
size [# of strips]

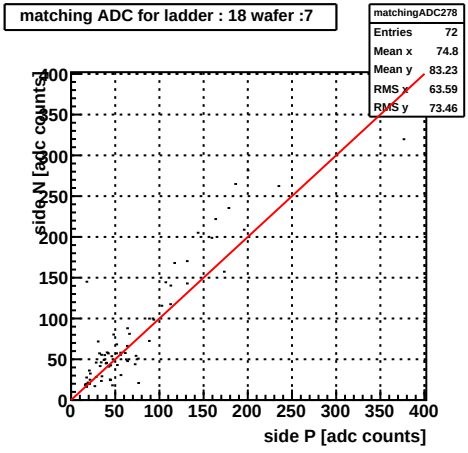

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 97
Mean x 65.36
Mean y 59.93
RMS x 54.18
RMS y 45.09
side N [adc counts]
side P [adc counts]

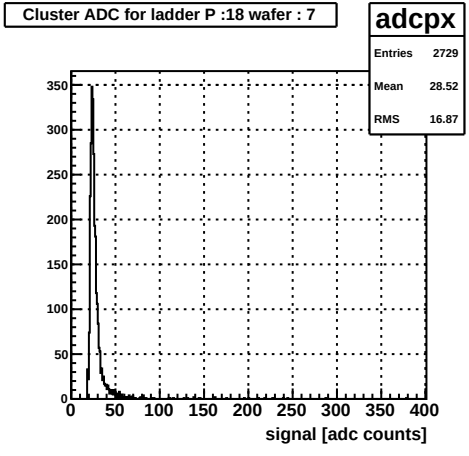

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 2330
Mean 27.91
RMS 19.51
signal [adc counts]

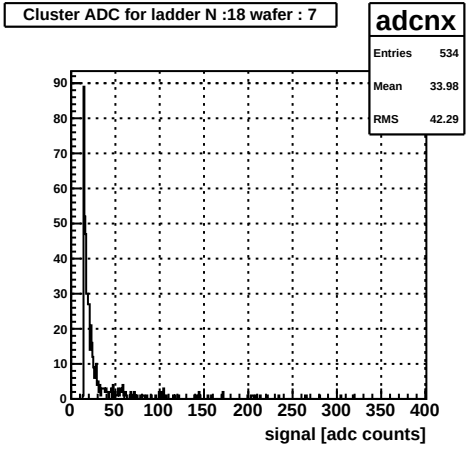

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 370
Mean 40.23
RMS 40.36
signal [adc counts]

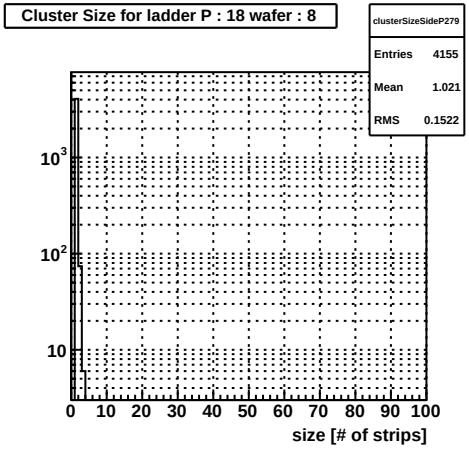

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 2729
Mean 1.038
RMS 0.2496
size [# of strips]

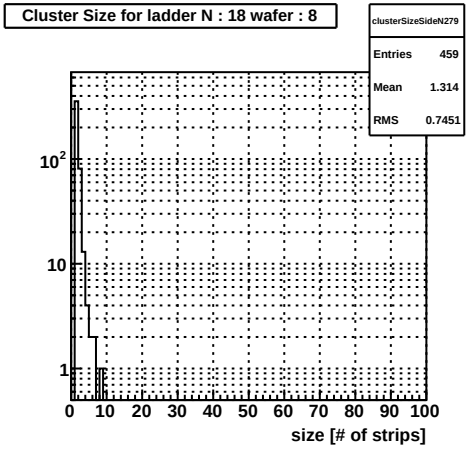

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 534
Mean 1.219
RMS 0.6834
size [# of strips]

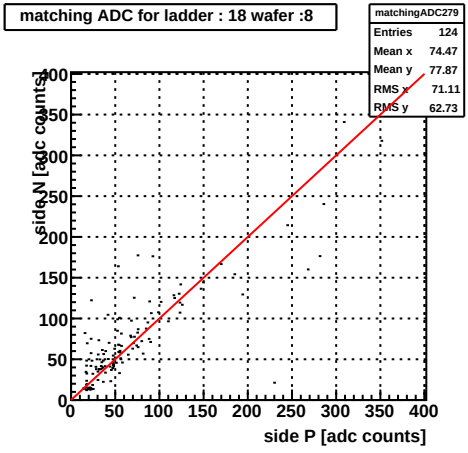

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 72
Mean x 74.8
Mean y 83.23
RMS x 63.59
RMS y 73.46
side N [adc counts]
side P [adc counts]

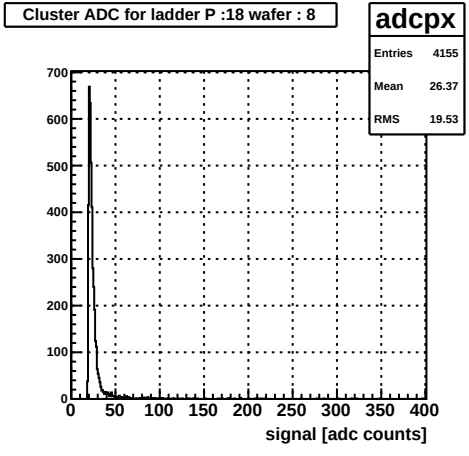

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 2729
Mean 28.52
RMS 16.87
signal [adc counts]

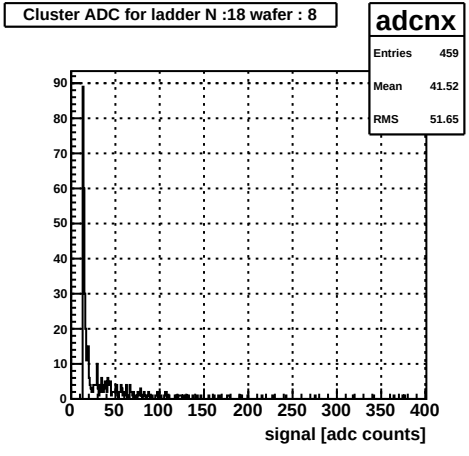

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 534
Mean 33.98
RMS 42.29
signal [adc counts]

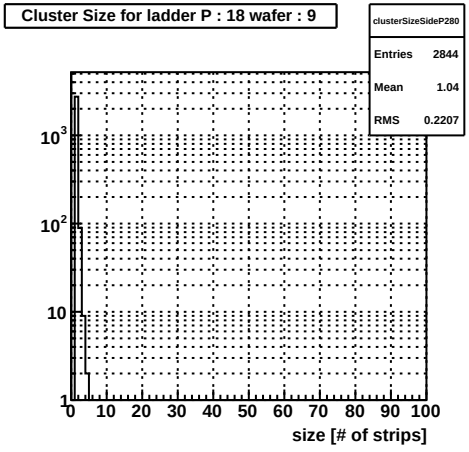

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 4155
Mean 1.021
RMS 0.1522
size [# of strips]

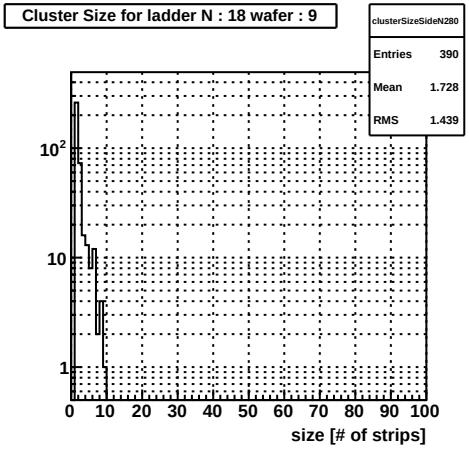

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 459
Mean 1.314
RMS 0.7451
size [# of strips]

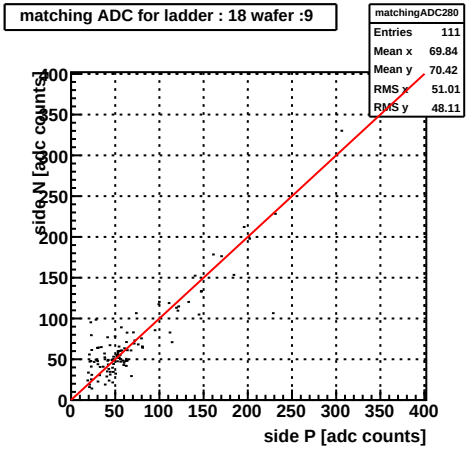

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 124
Mean x 74.47
Mean y 77.87
RMS x 71.11
RMS y 62.73
side N [adc counts]
side P [adc counts]

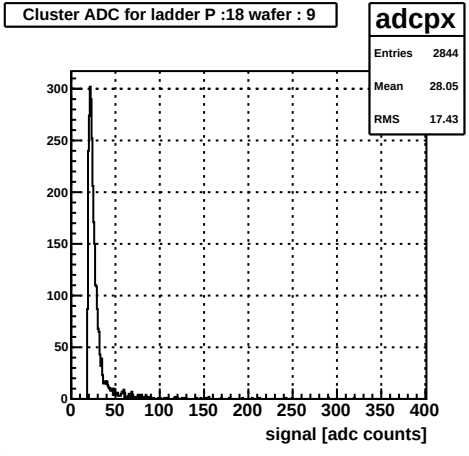

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 4155
Mean 26.37
RMS 19.53
signal [adc counts]

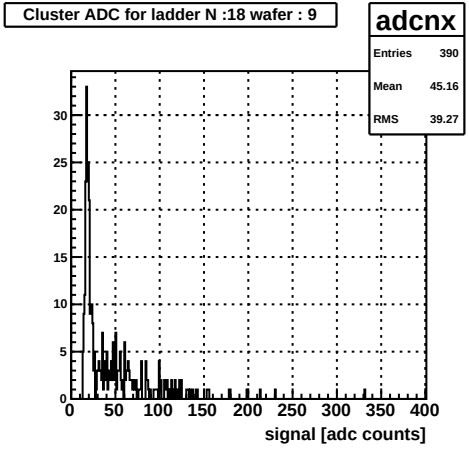

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 459
Mean 41.52
RMS 51.65
signal [adc counts]

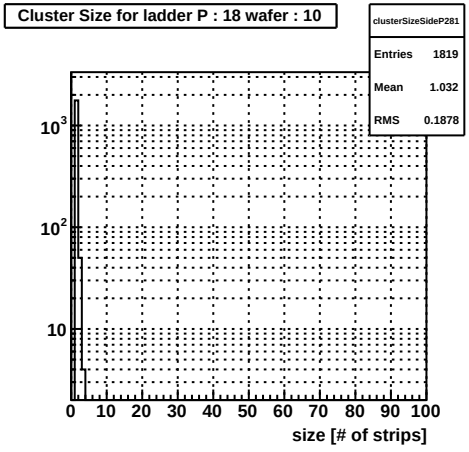

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 2844
Mean 1.04
RMS 0.2207
size [# of strips]

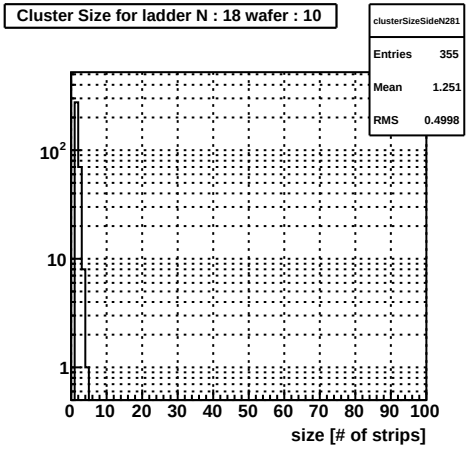

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 390
Mean 1.728
RMS 1.439
size [# of strips]

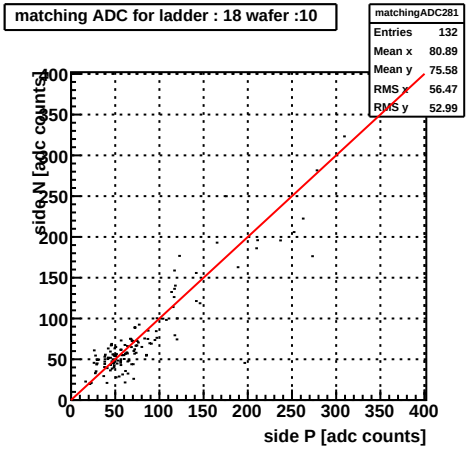

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 111
Mean x 69.84
Mean y 70.42
RMS x 51.01
RMS y 48.11
side N [adc counts]
side P [adc counts]

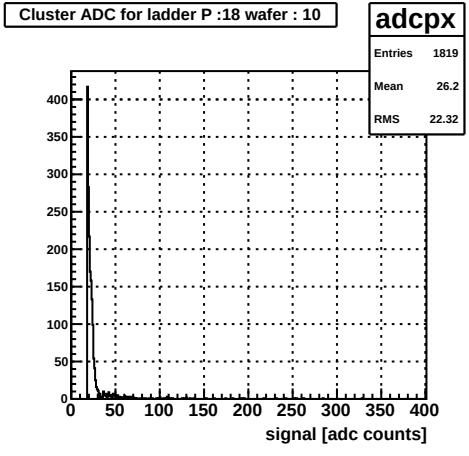

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 2844
Mean 28.05
RMS 17.43
signal [adc counts]

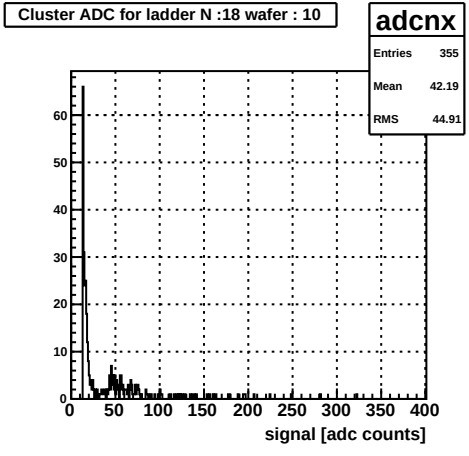

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 390
Mean 45.16
RMS 39.27
signal [adc counts]

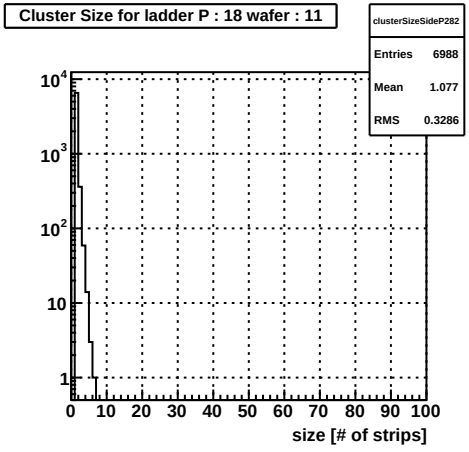

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 1819
Mean 1.032
RMS 0.1878
size [# of strips]

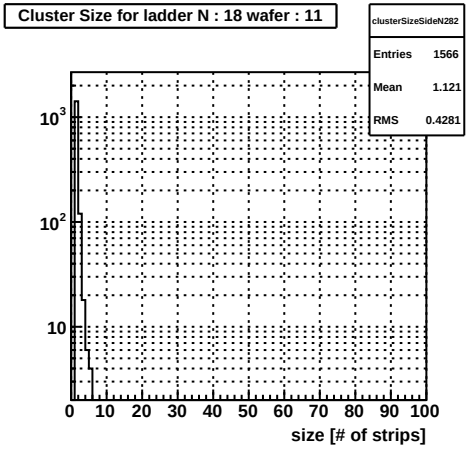

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 355
Mean 1.251
RMS 0.4998
size [# of strips]

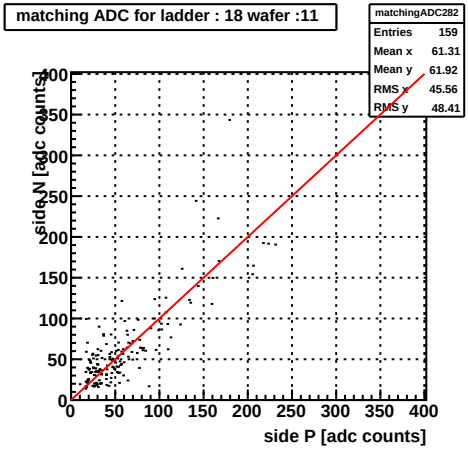

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 132
Mean x 80.89
Mean y 75.58
RMS x 56.47
RMS y 52.99
side N [adc counts]
side P [adc counts]

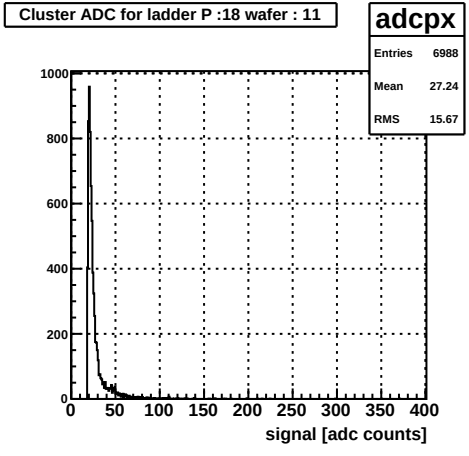

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 1819
Mean 26.2
RMS 22.32
signal [adc counts]

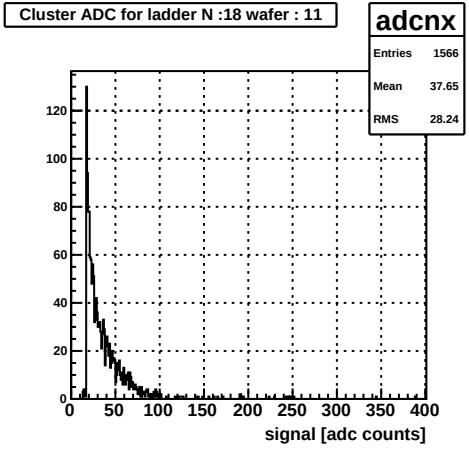

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 355
Mean 42.19
RMS 44.91
signal [adc counts]

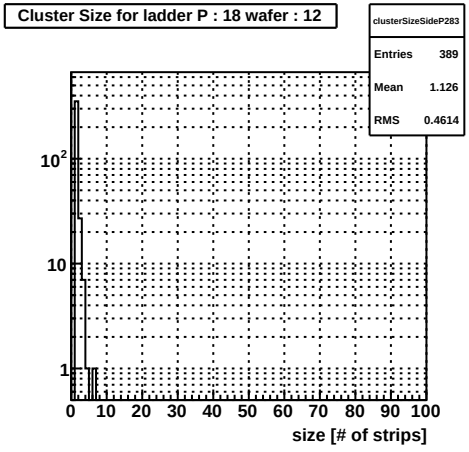

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 6988
Mean 1.077
RMS 0.3286
size [# of strips]

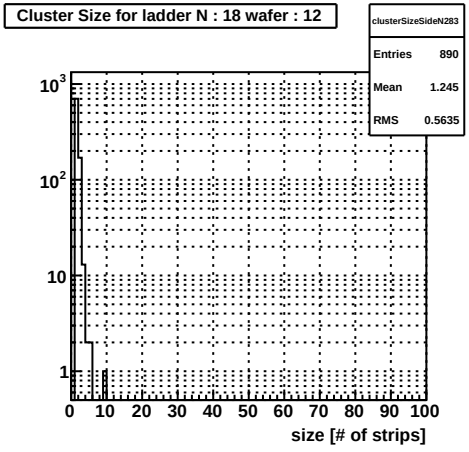

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 1566
Mean 1.121
RMS 0.4281
size [# of strips]

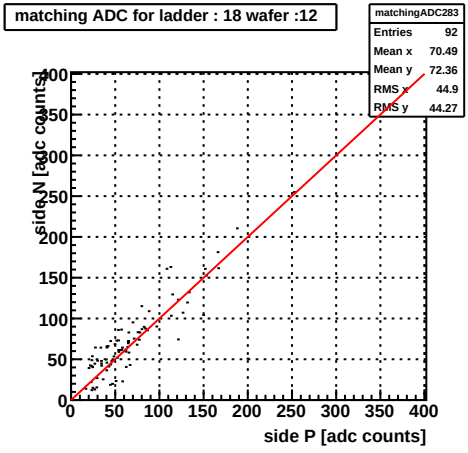

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 159
Mean x 61.31
Mean y 61.92
RMS x 45.56
RMS y 48.41
side N [adc counts]
side P [adc counts]

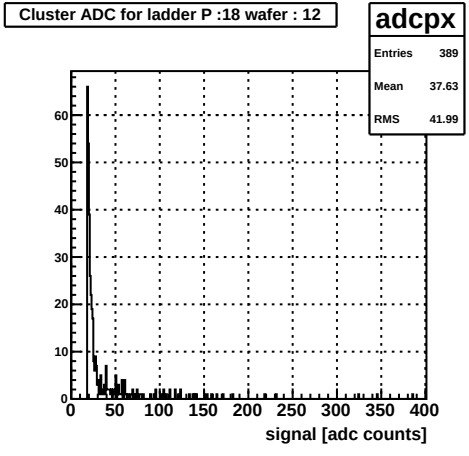

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 6988
Mean 27.24
RMS 15.67
signal [adc counts]

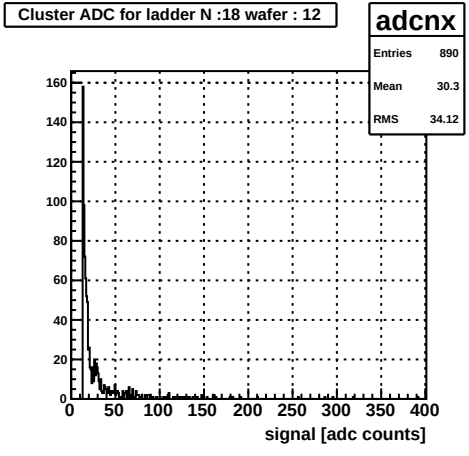

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 1566
Mean 37.65
RMS 28.24
signal [adc counts]

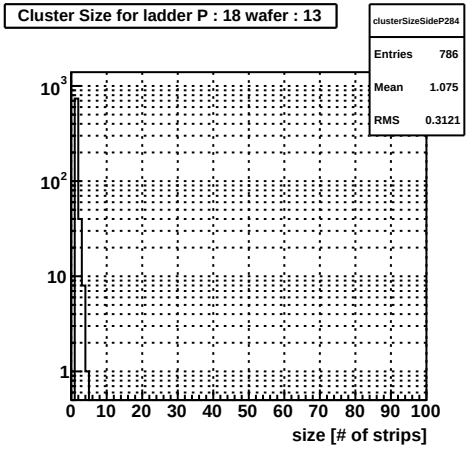

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 389
Mean 1.126
RMS 0.4614
size [# of strips]

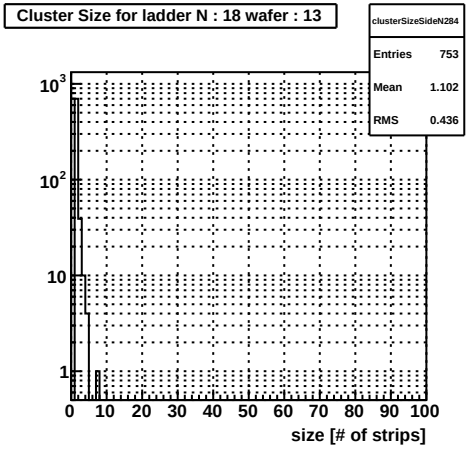

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 890
Mean 1.245
RMS 0.5635
size [# of strips]

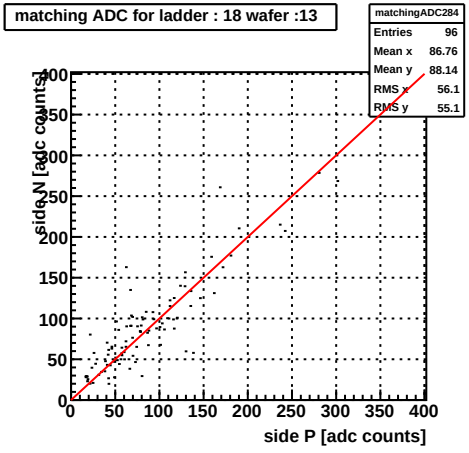

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 92
Mean x 70.49
Mean y 72.36
RMS x 44.9
RMS y 44.27
side N [adc counts]
side P [adc counts]

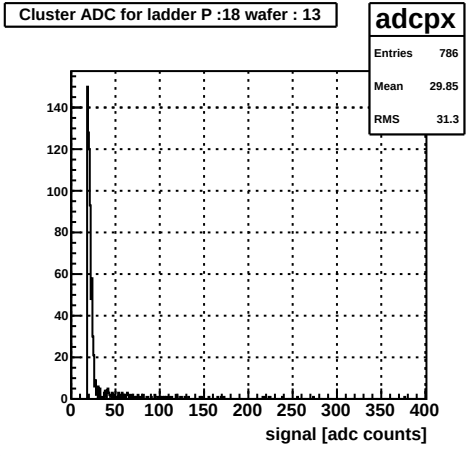

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 389
Mean 37.63
RMS 41.99
signal [adc counts]

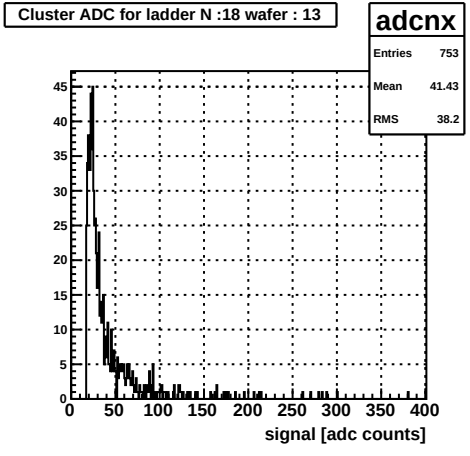

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 890
Mean 30.3
RMS 34.12
signal [adc counts]

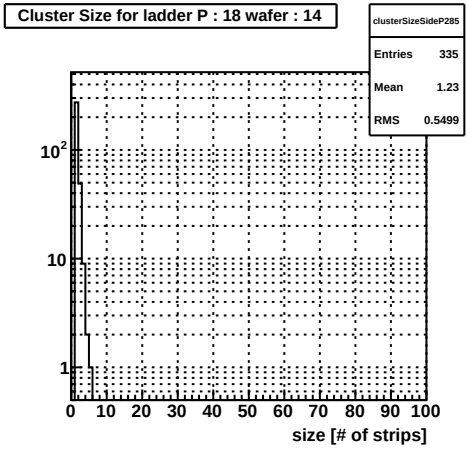

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 786
Mean 1.075
RMS 0.3121
size [# of strips]

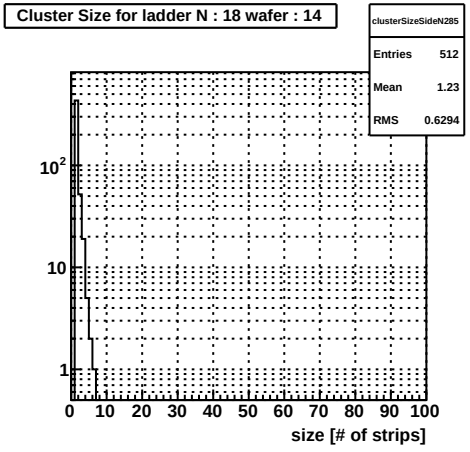

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 753
Mean 1.102
RMS 0.436
size [# of strips]

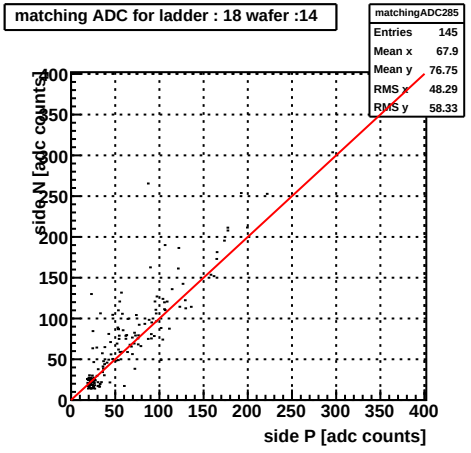

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 96
Mean x 86.76
Mean y 88.14
RMS x 56.1
RMS y 55.1
side N [adc counts]
side P [adc counts]

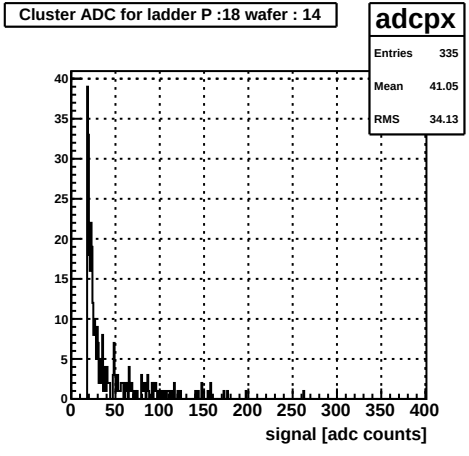

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 786
Mean 29.85
RMS 31.3
signal [adc counts]

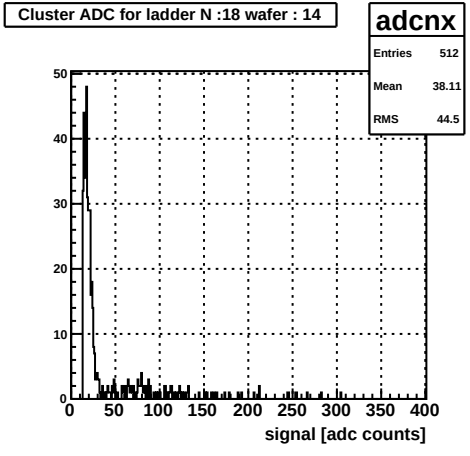

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 753
Mean 41.43
RMS 38.2
signal [adc counts]

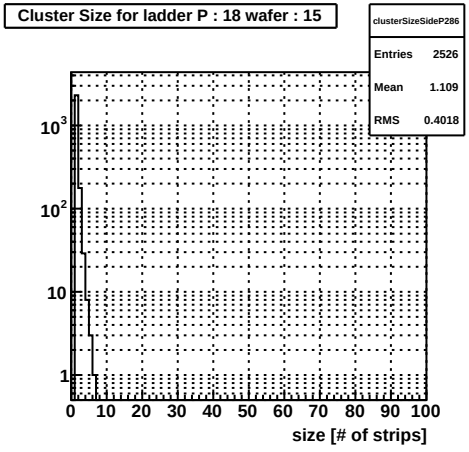

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 335
Mean 1.23
RMS 0.5499
size [# of strips]

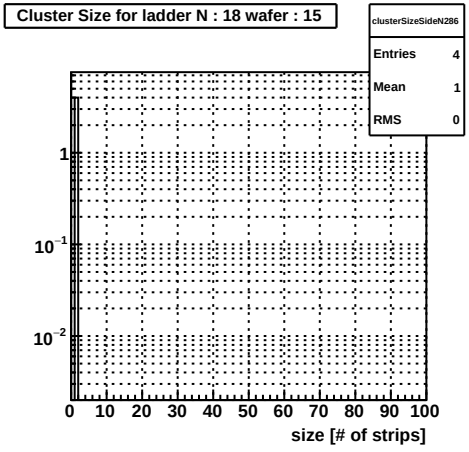

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 512
Mean 1.23
RMS 0.6294
size [# of strips]

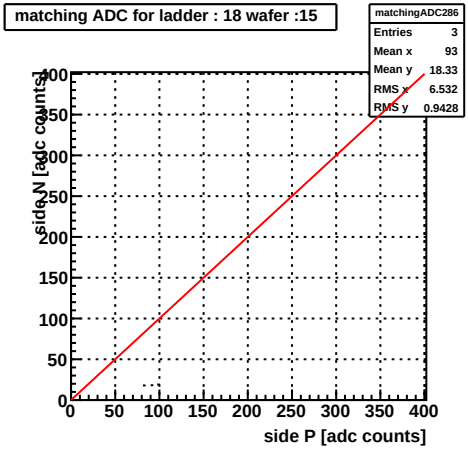

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 145
Mean x 67.9
Mean y 76.75
RMS x 48.29
RMS y 58.33
side N [adc counts]
side P [adc counts]

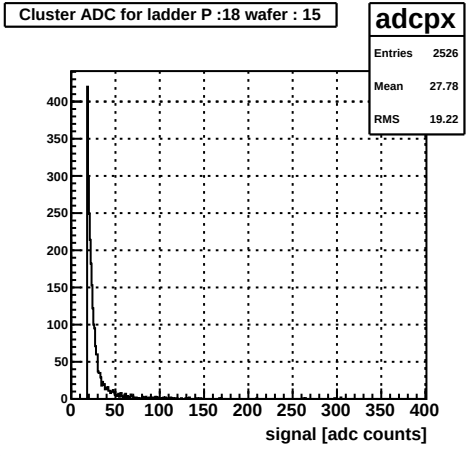

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 335
Mean 41.05
RMS 34.13
signal [adc counts]

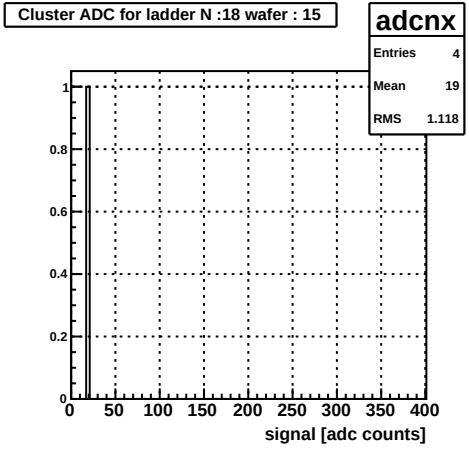

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 512
Mean 38.11
RMS 44.5
signal [adc counts]

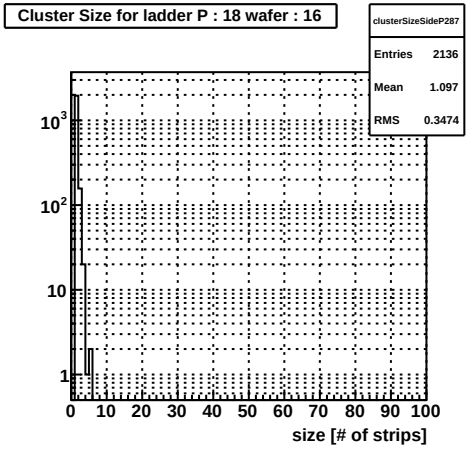

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 2526
Mean 1.109
RMS 0.4018
size [# of strips]

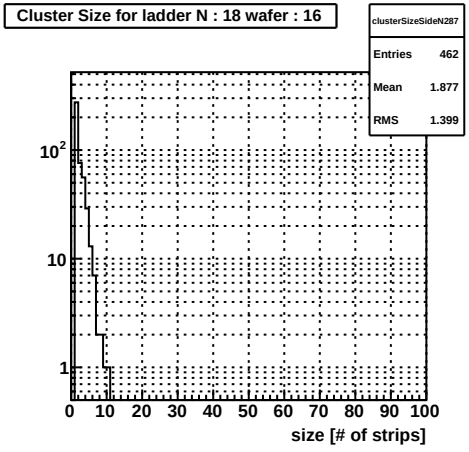

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 4
Mean 1
RMS 0
size [# of strips]

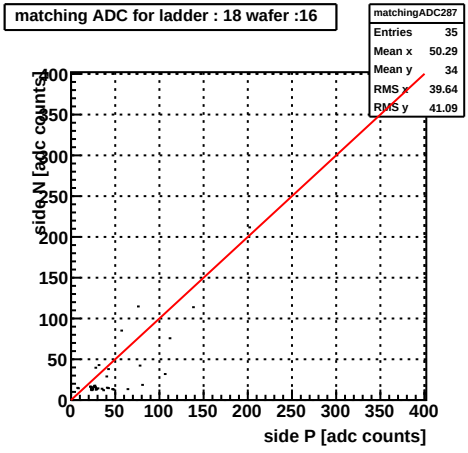

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 3
Mean x 93
Mean y 18.33
RMS x 6.532
RMS y 0.9428
side N [adc counts]
side P [adc counts]

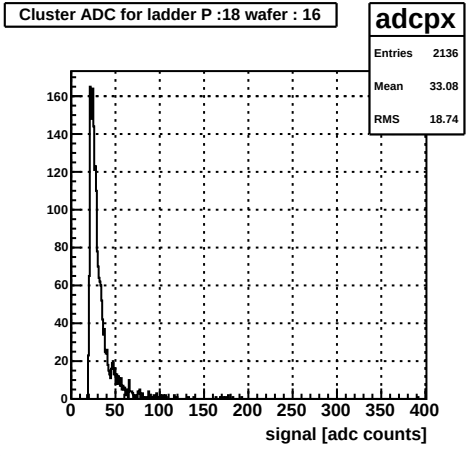

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 2526
Mean 27.78
RMS 19.22
signal [adc counts]

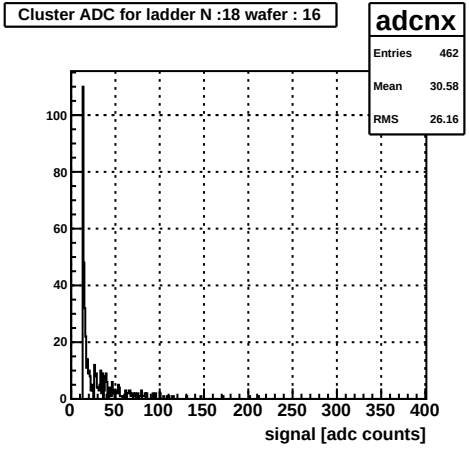

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 4
Mean 19
RMS 1.118
signal [adc counts]

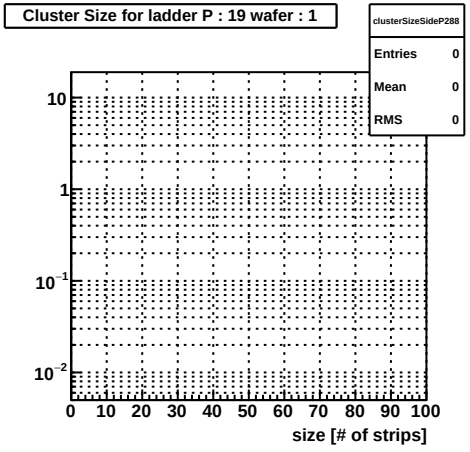

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 2136
Mean 1.097
RMS 0.3474
size [# of strips]

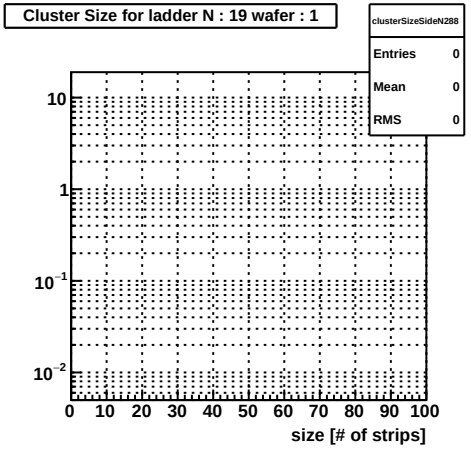

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 462
Mean 1.877
RMS 1.399
size [# of strips]

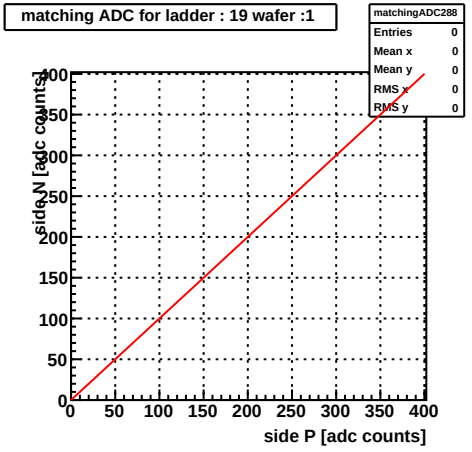

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 35
Mean x 50.29
Mean y 34
RMS x 39.64
RMS y 41.09
side N [adc counts]
side P [adc counts]

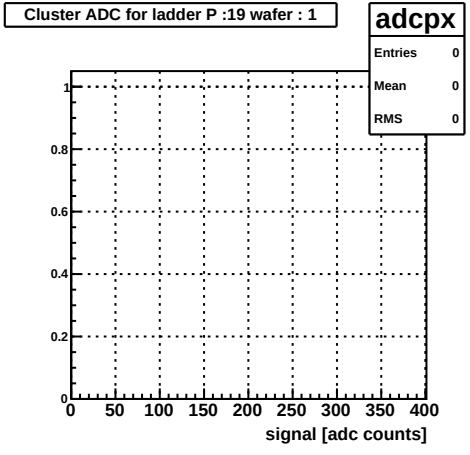

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 2136
Mean 33.08
RMS 18.74
signal [adc counts]

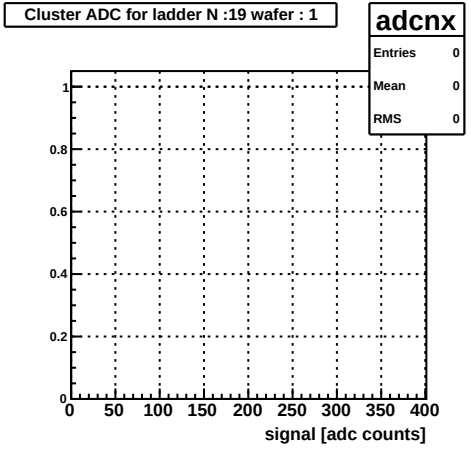

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 462
Mean 30.58
RMS 26.16
signal [adc counts]

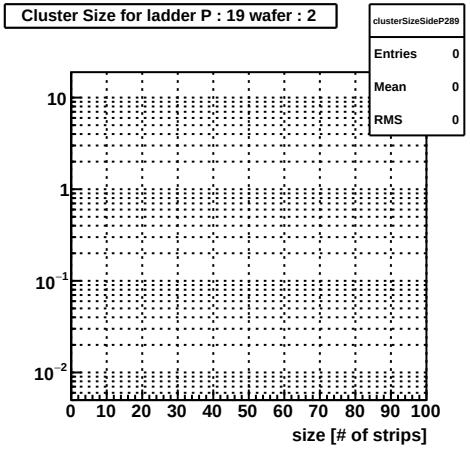

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

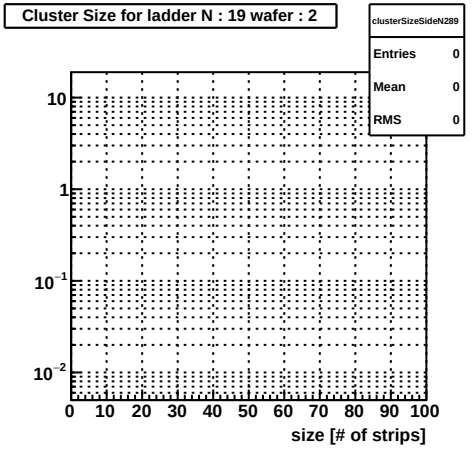

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

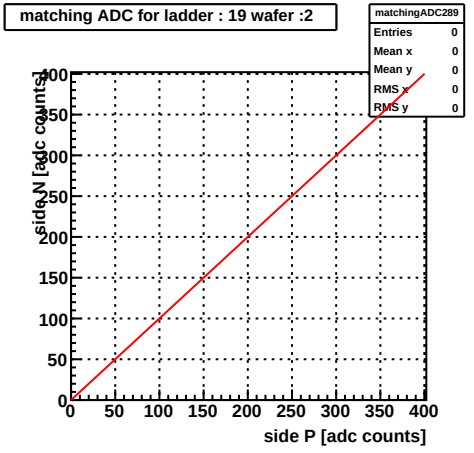

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

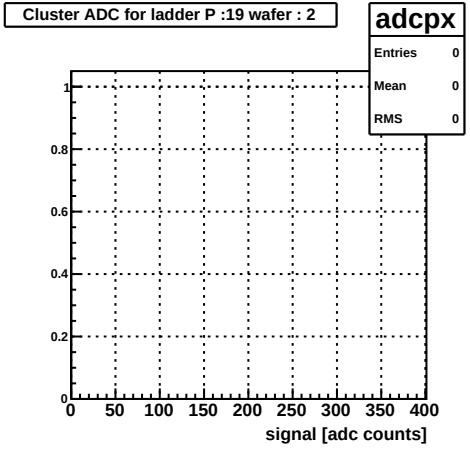

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

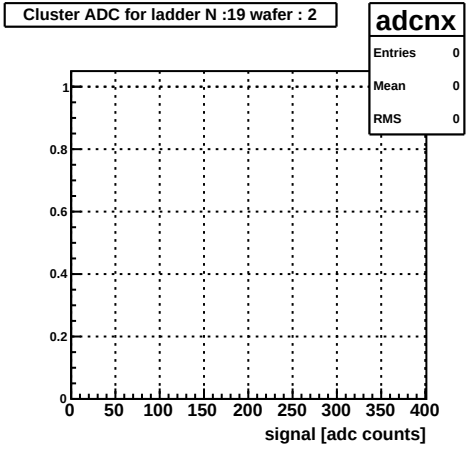

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

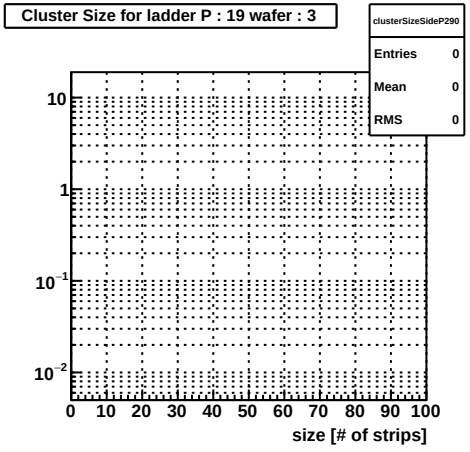

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

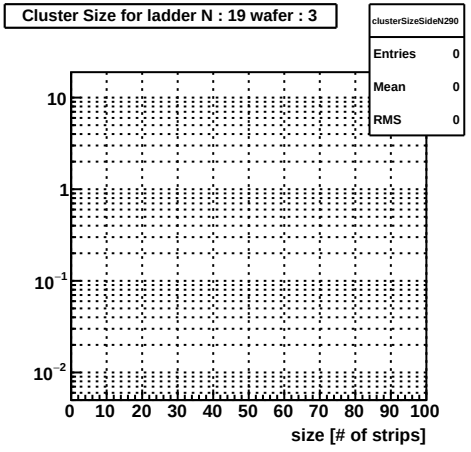

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

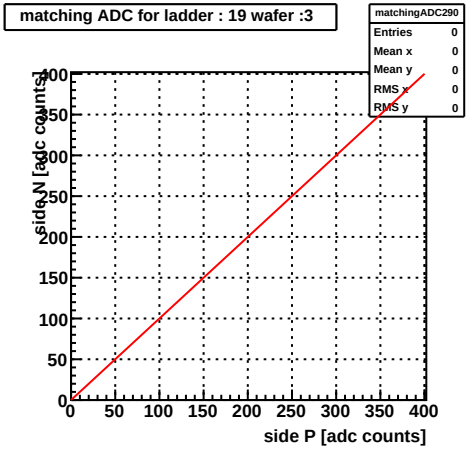

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

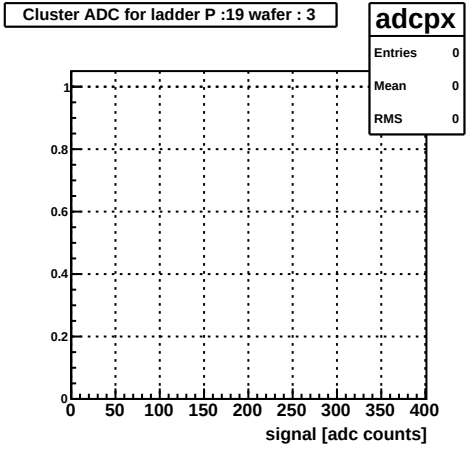

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

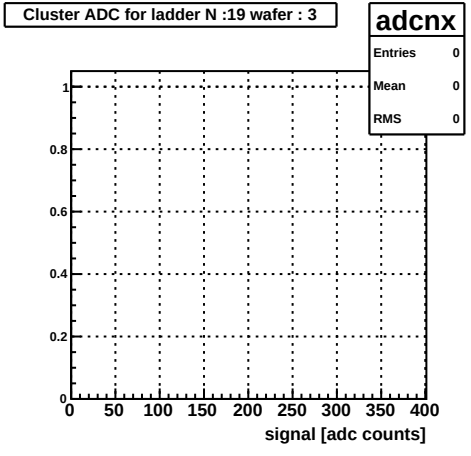

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

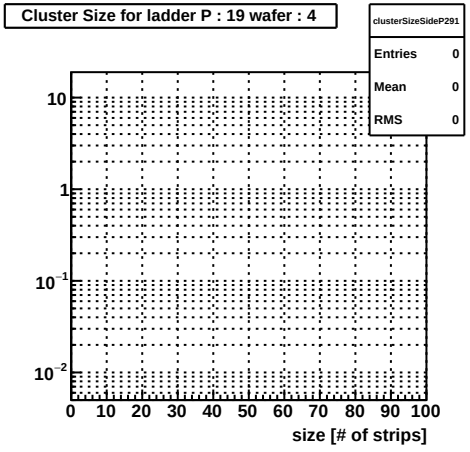

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

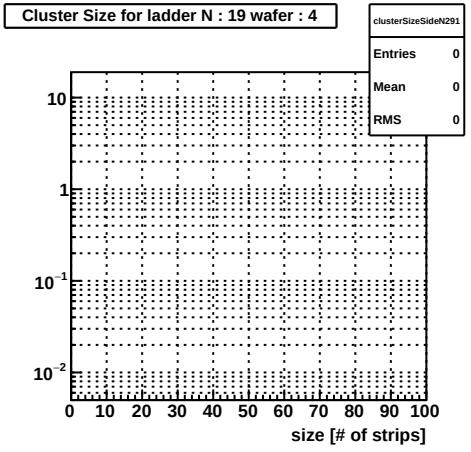

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

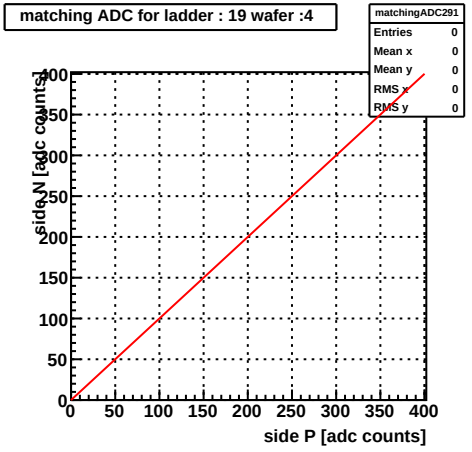

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

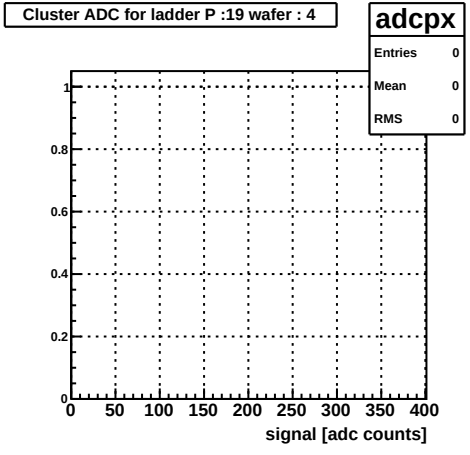

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

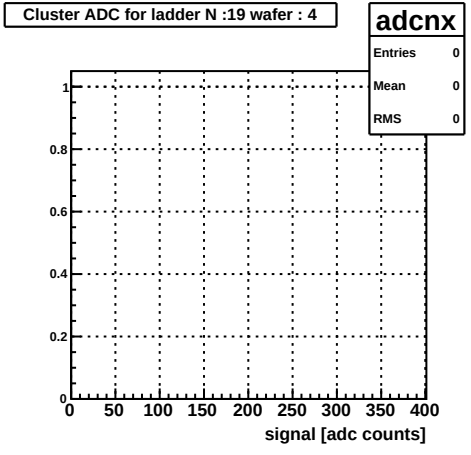

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

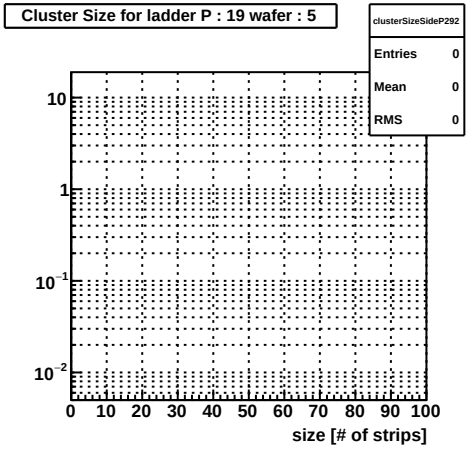

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

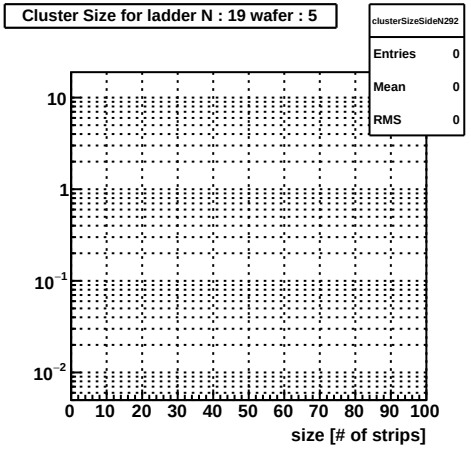

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

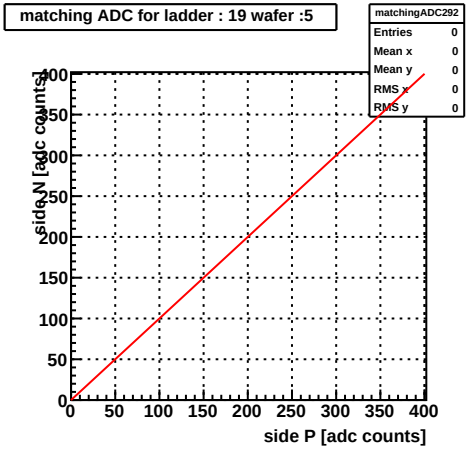

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

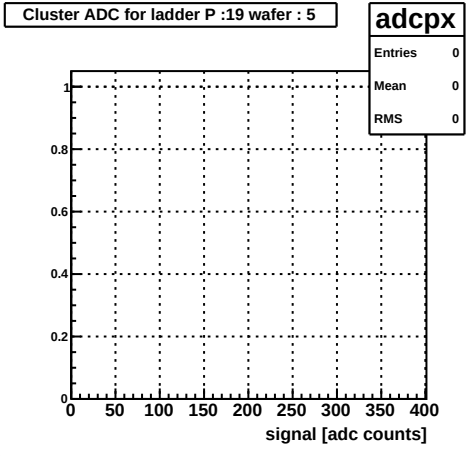

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

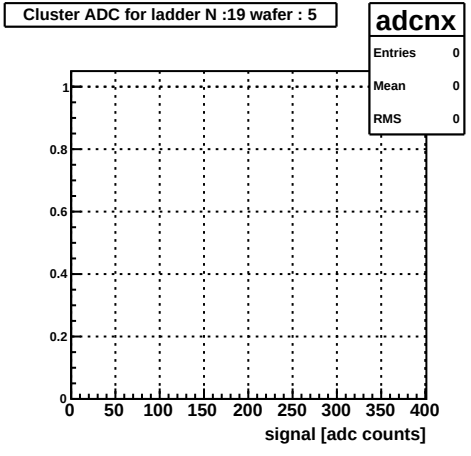

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

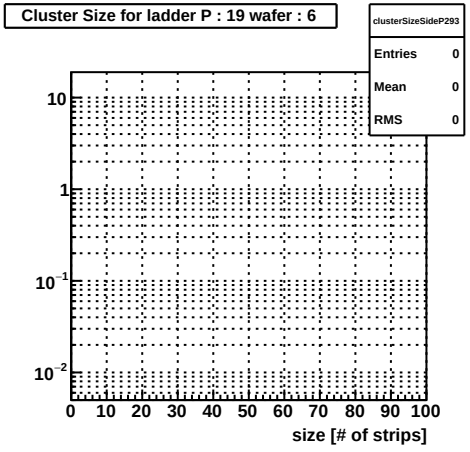

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

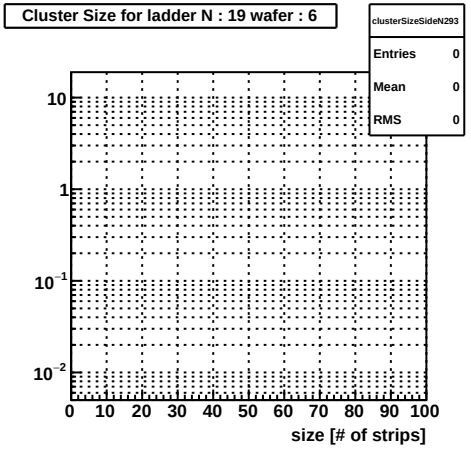

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

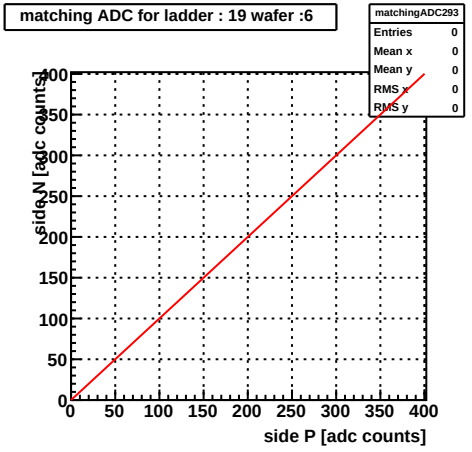

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

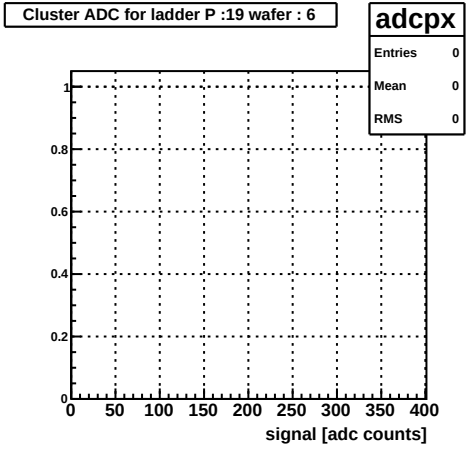

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

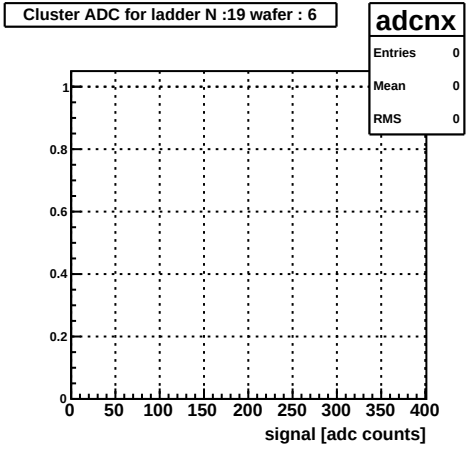

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

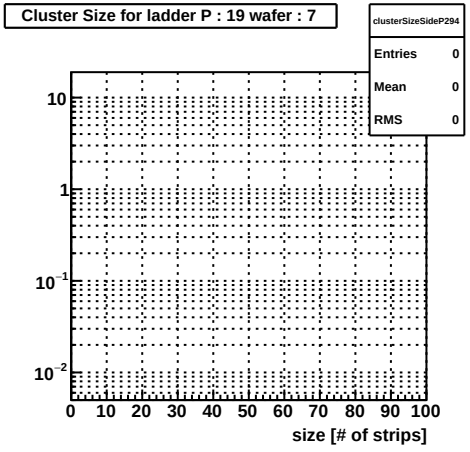

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

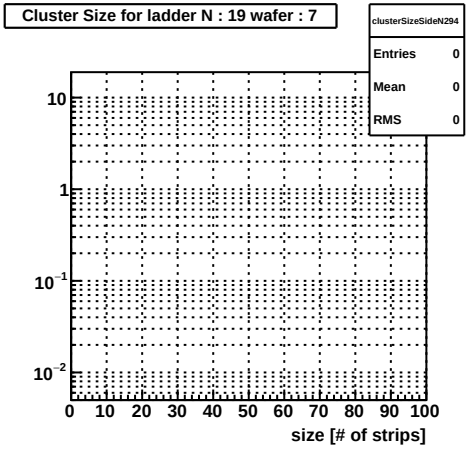

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

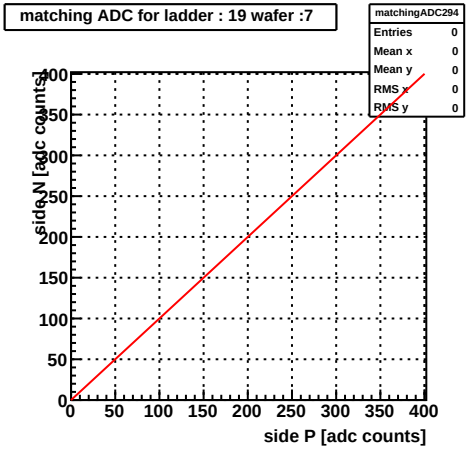

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

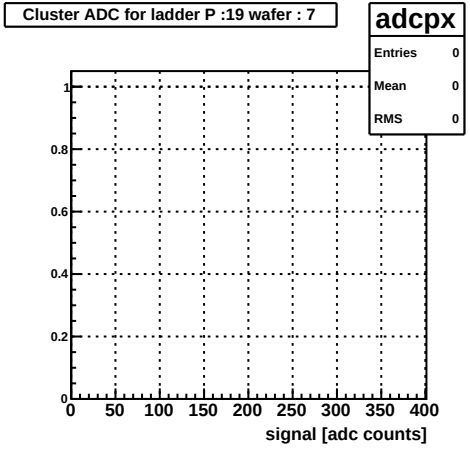

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

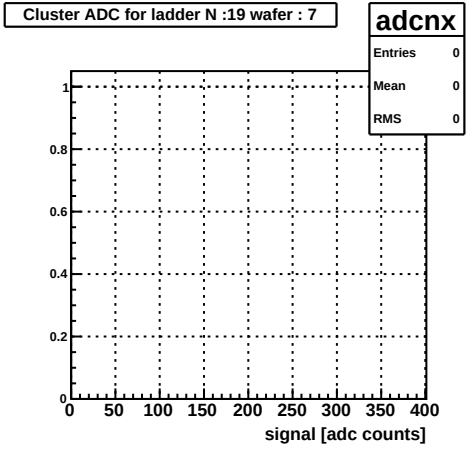

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

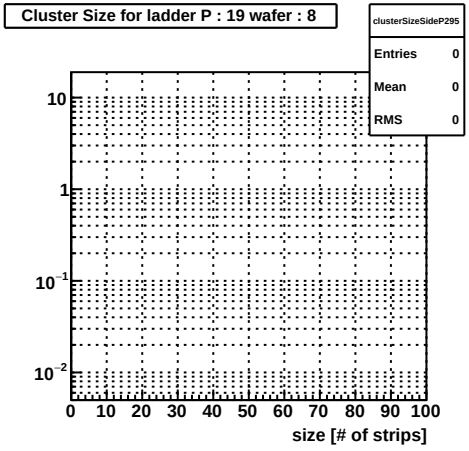

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

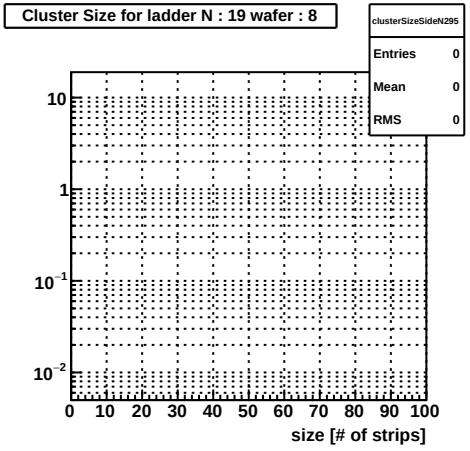

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

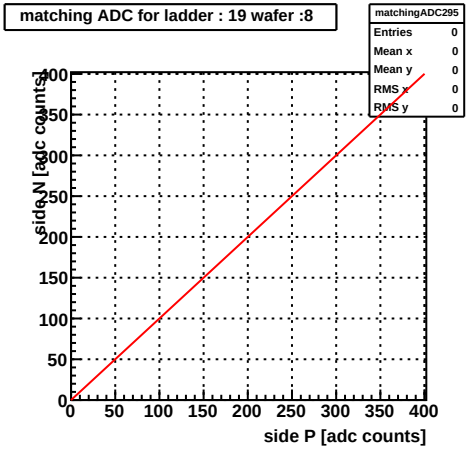

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

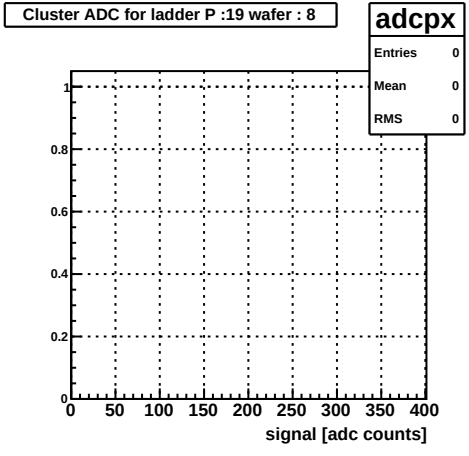

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

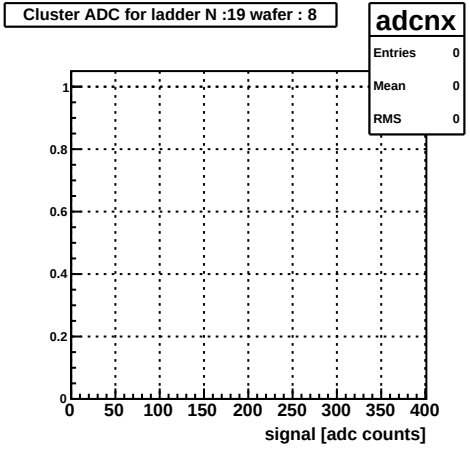

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

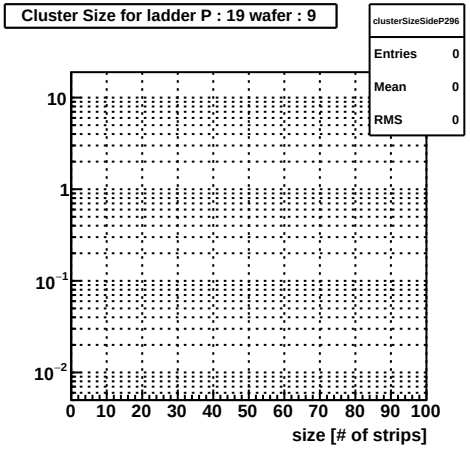

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

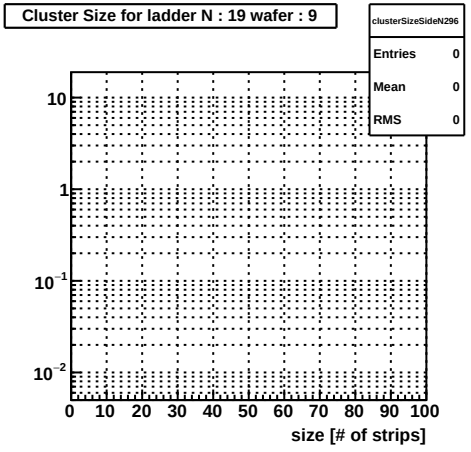

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

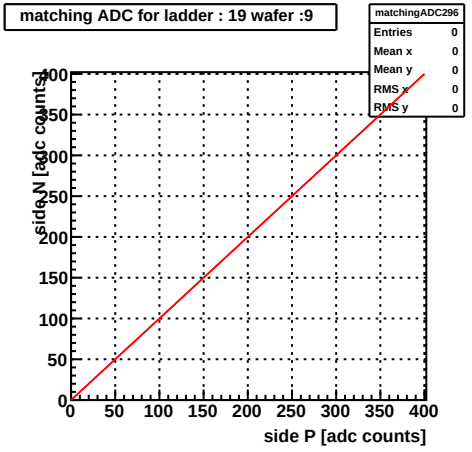

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

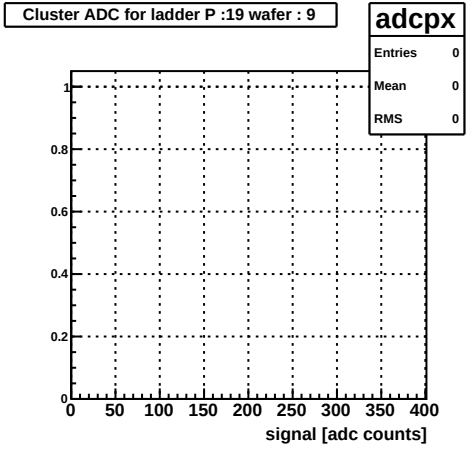

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

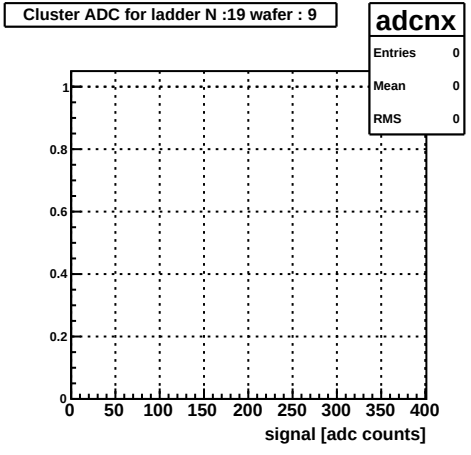

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

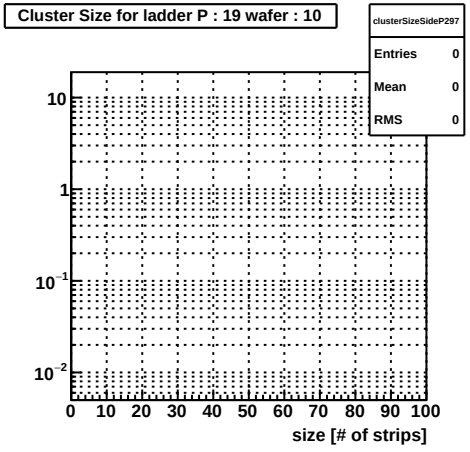

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

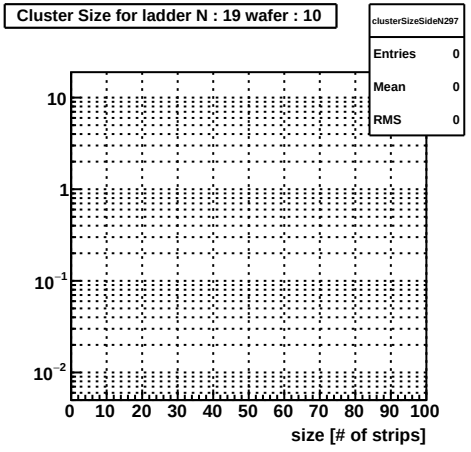

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

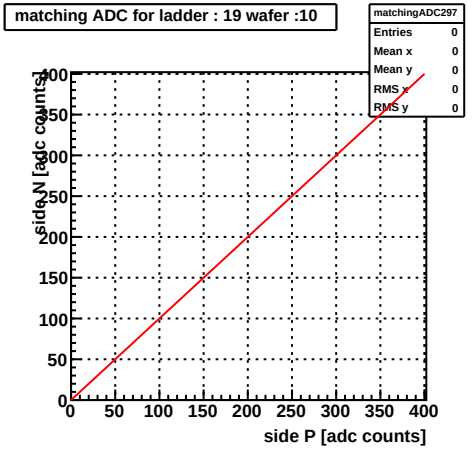

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

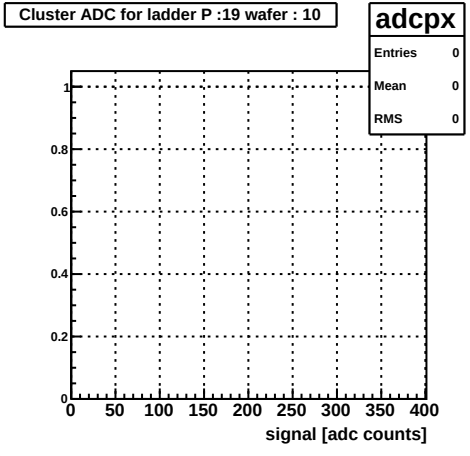

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

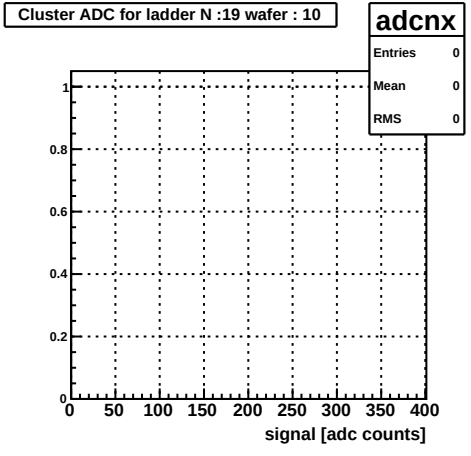

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

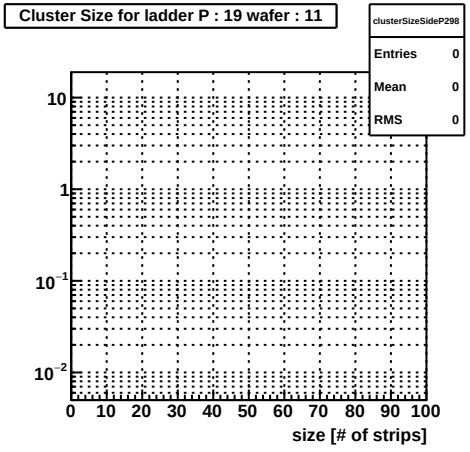

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

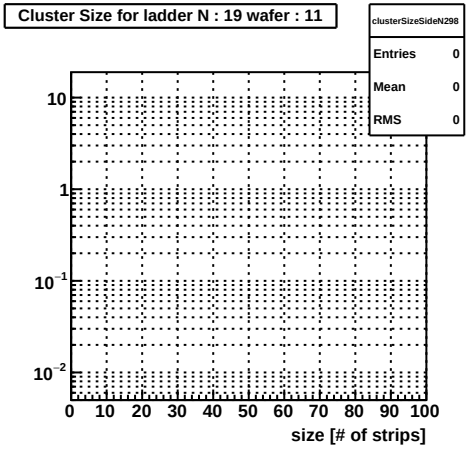

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

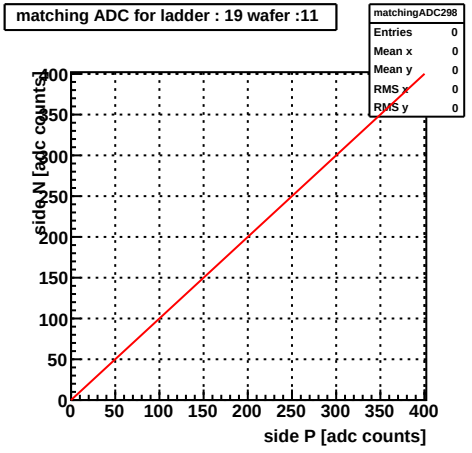

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

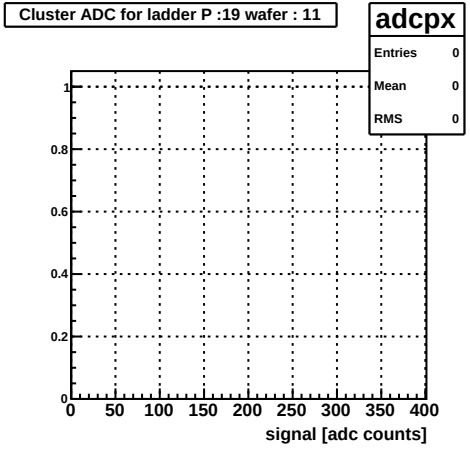

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

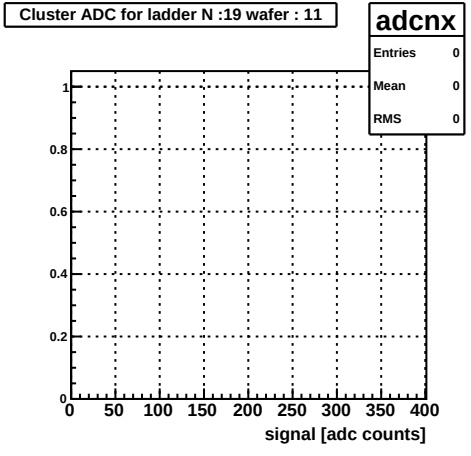

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

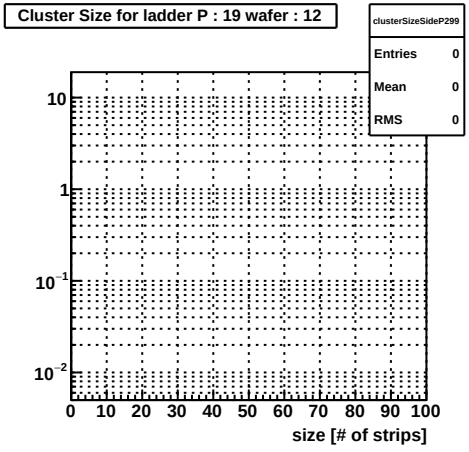

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

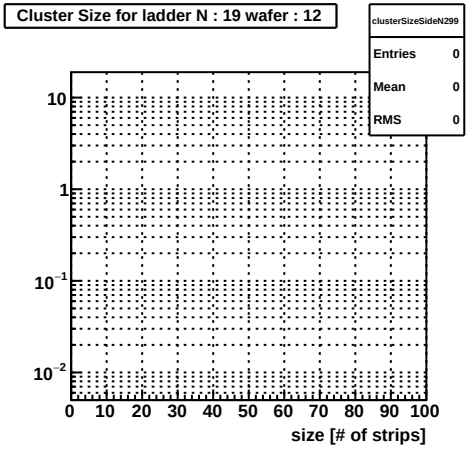

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

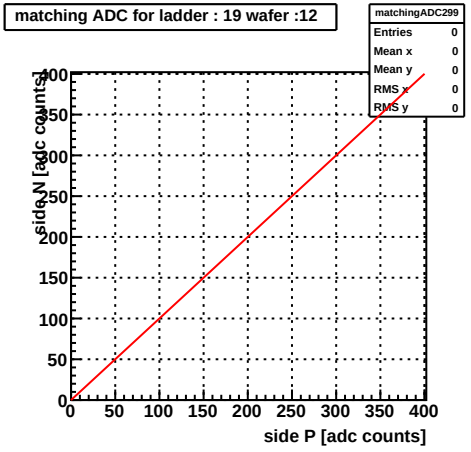

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

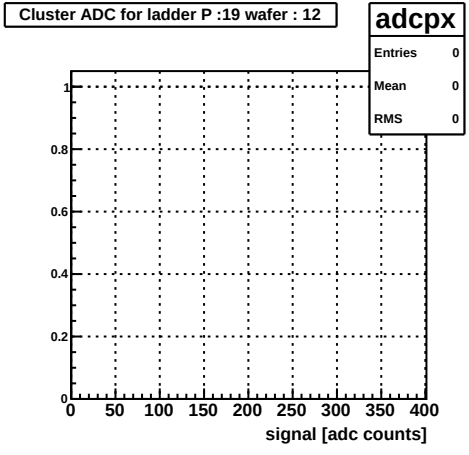

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

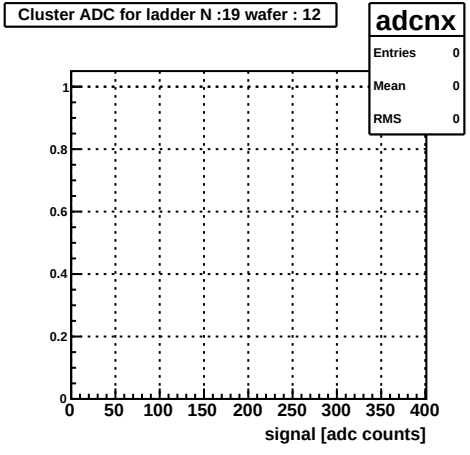

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

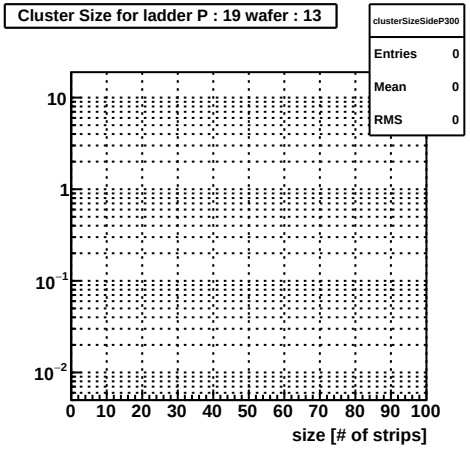

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

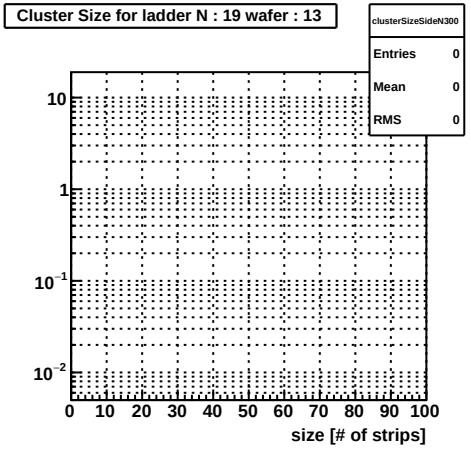

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

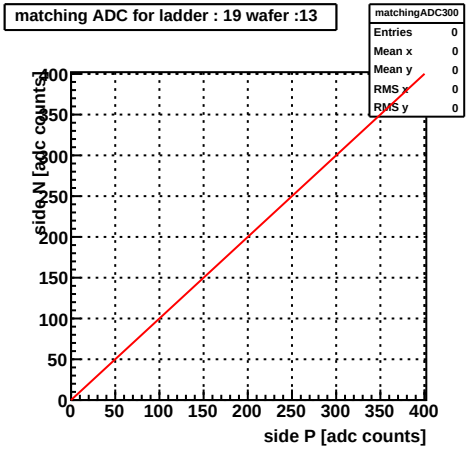

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

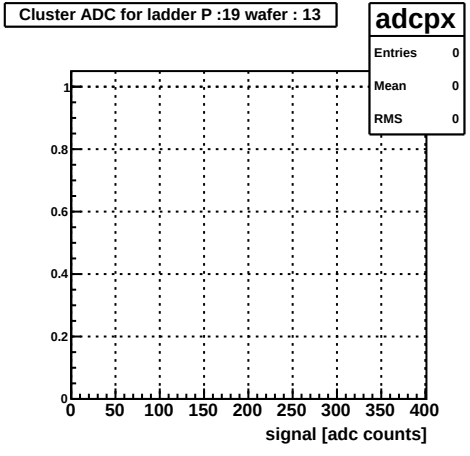

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

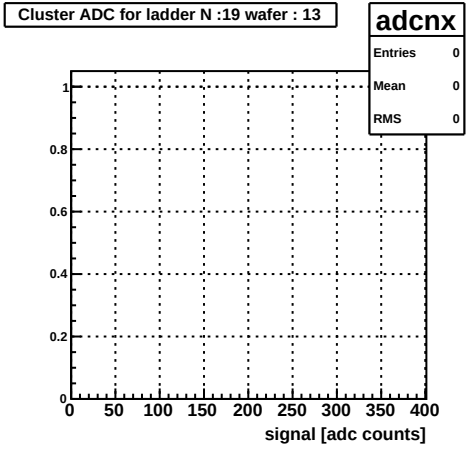

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

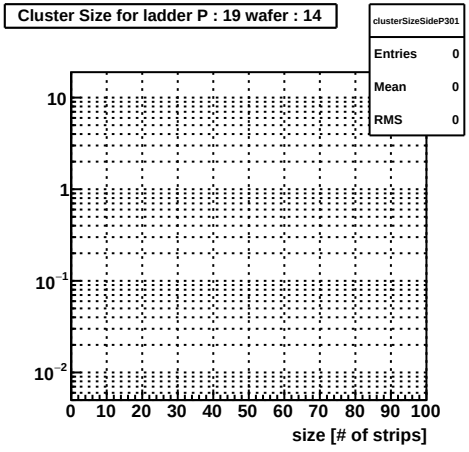

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

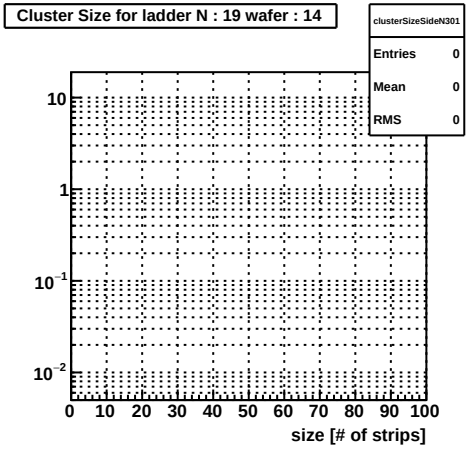

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

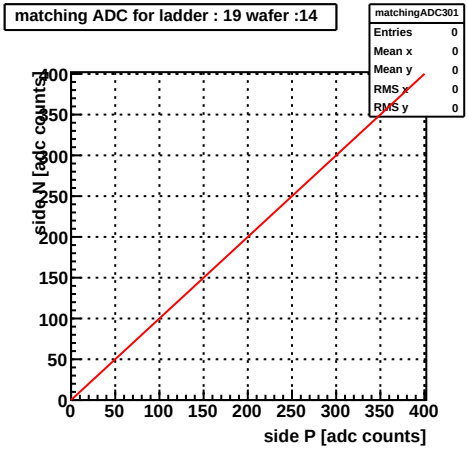

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

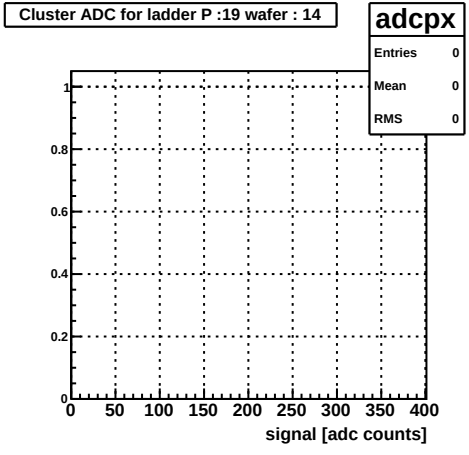

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

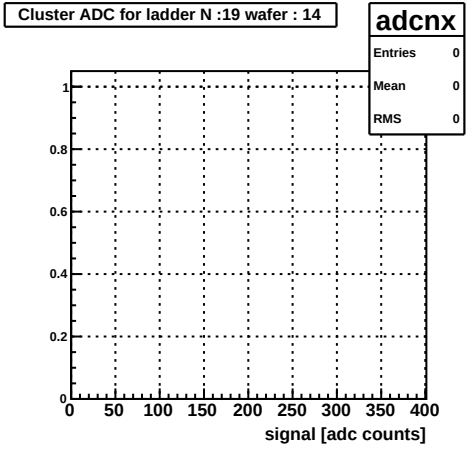

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

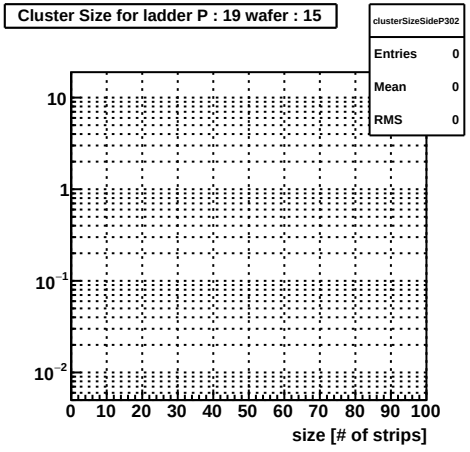

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

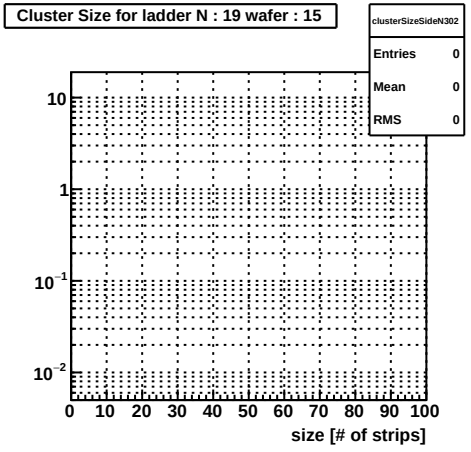

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

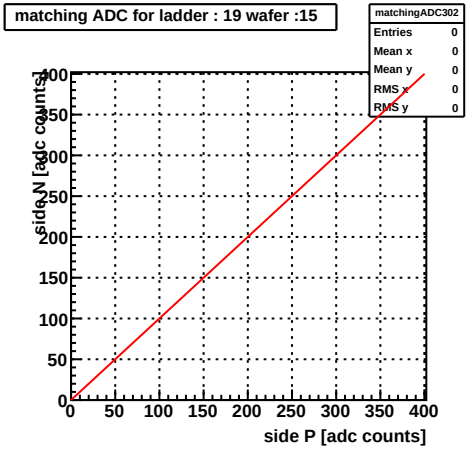

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

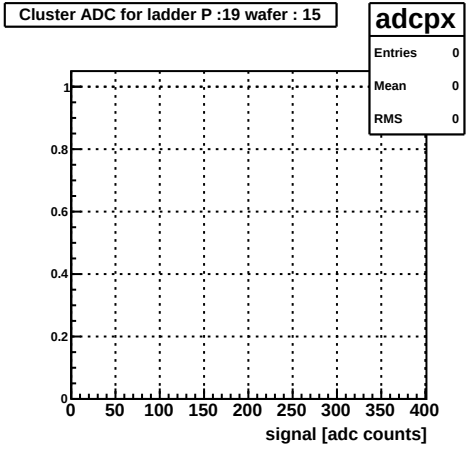

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

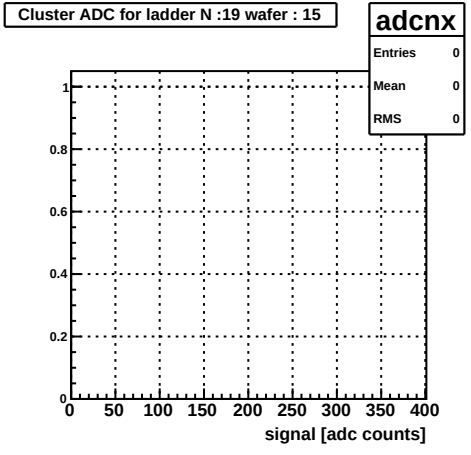

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

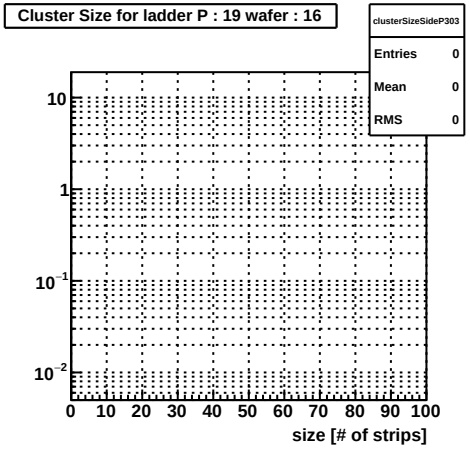

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

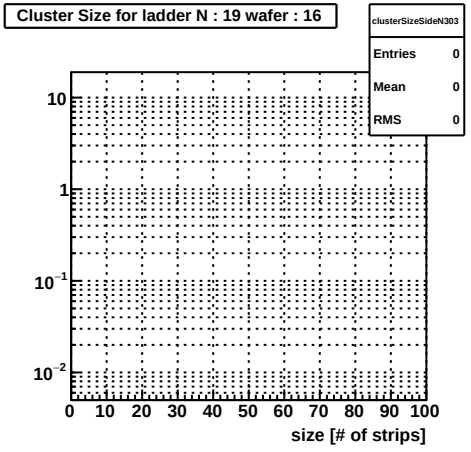

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

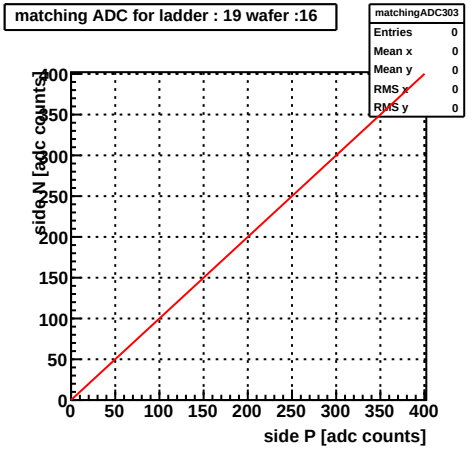

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

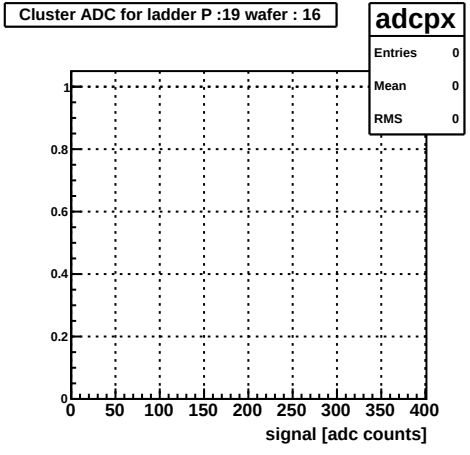

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

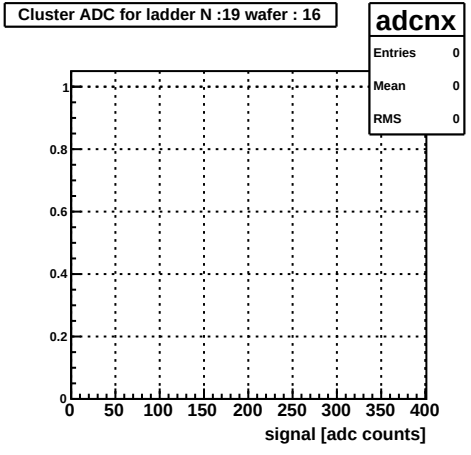

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

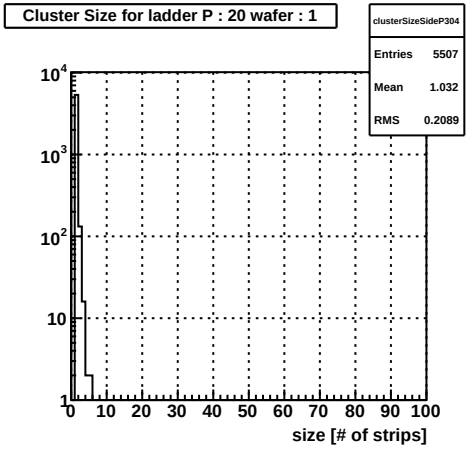

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

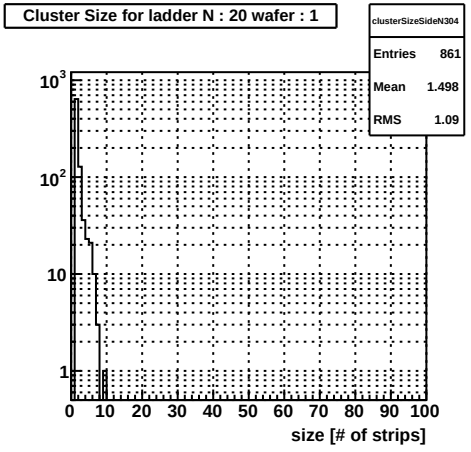

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

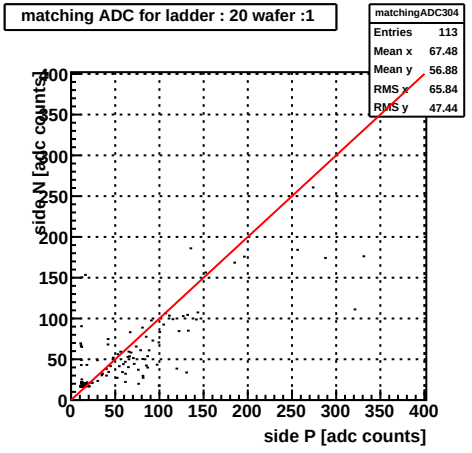

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

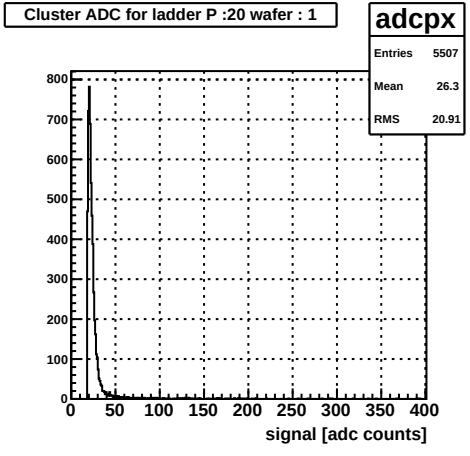

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

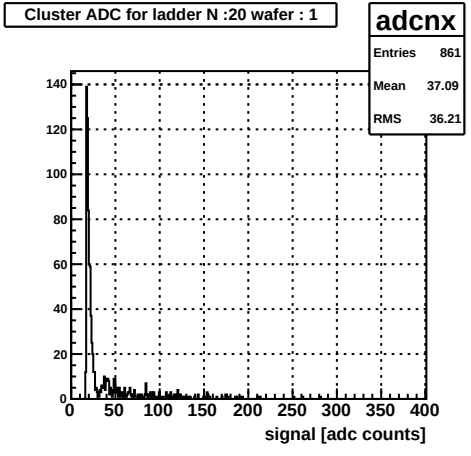

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

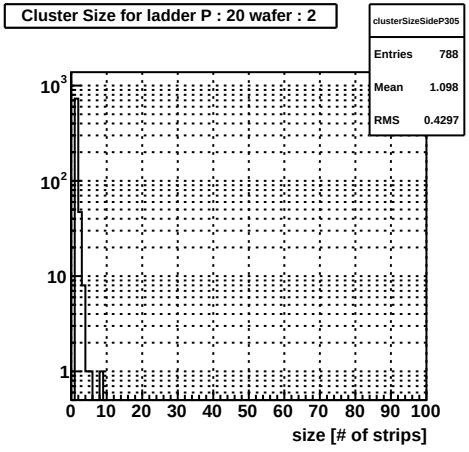

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 5507
Mean 1.032
RMS 0.2089
size [# of strips]

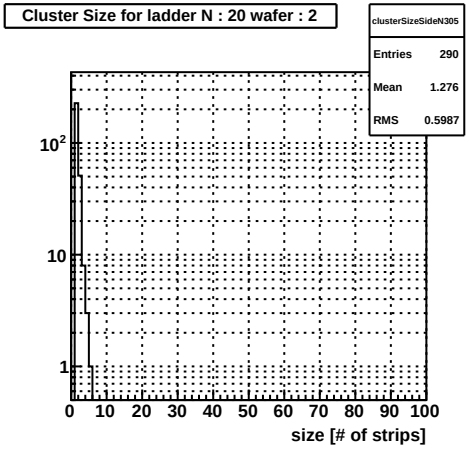

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 861
Mean 1.498
RMS 1.09
size [# of strips]

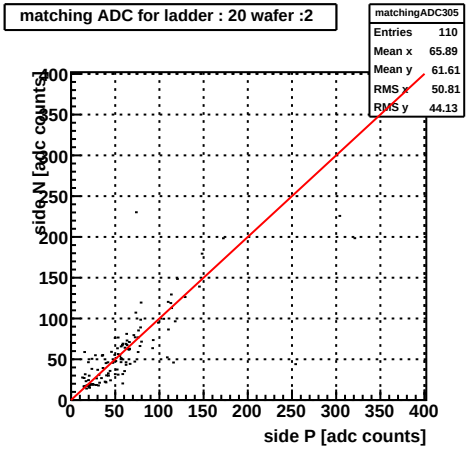

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 113
Mean x 67.48
Mean y 56.88
RMS x 65.84
RMS y 47.44
side N [adc counts]
side P [adc counts]

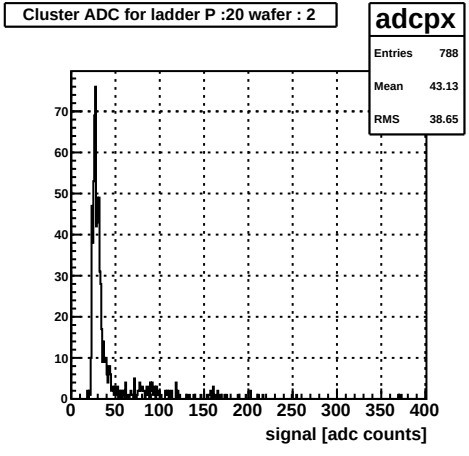

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 5507
Mean 26.3
RMS 20.91
signal [adc counts]

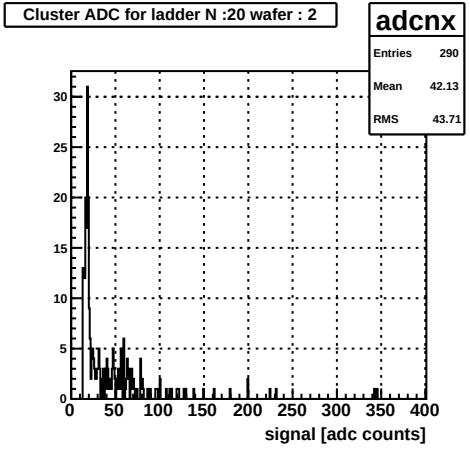

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 861
Mean 37.09
RMS 36.21
signal [adc counts]

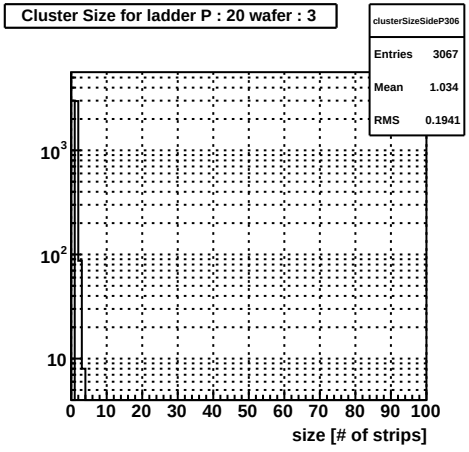

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 788
Mean 1.098
RMS 0.4297
size [# of strips]

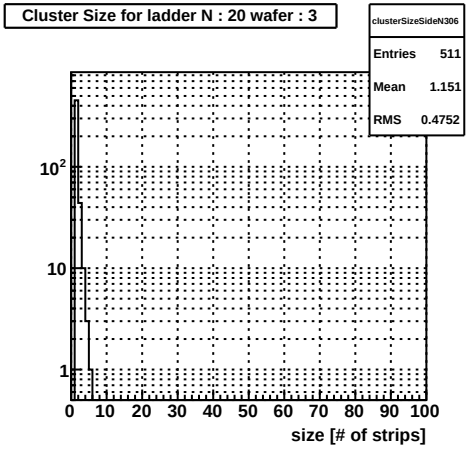

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 290
Mean 1.276
RMS 0.5987
size [# of strips]

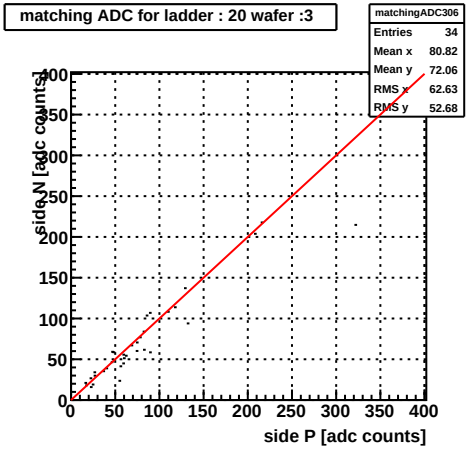

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 110
Mean x 65.89
Mean y 61.61
RMS x 50.81
RMS y 44.13
side N [adc counts]
side P [adc counts]

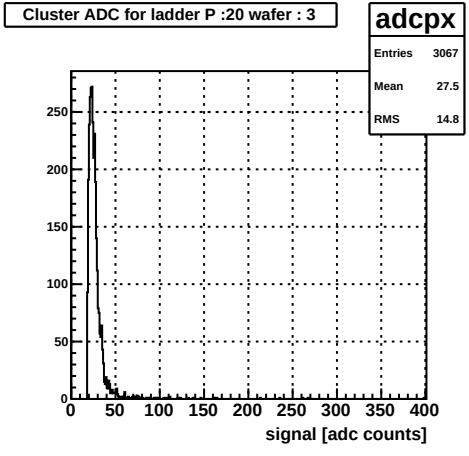

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 788
Mean 43.13
RMS 38.65
signal [adc counts]

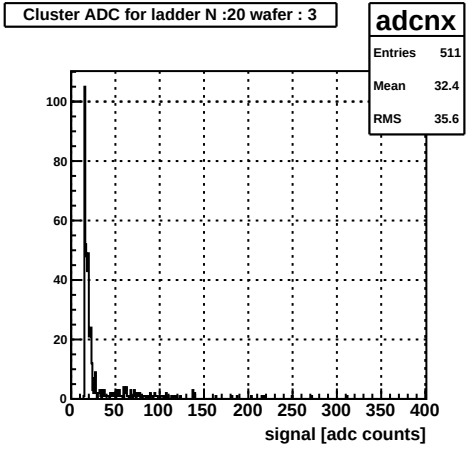

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 290
Mean 42.13
RMS 43.71
signal [adc counts]

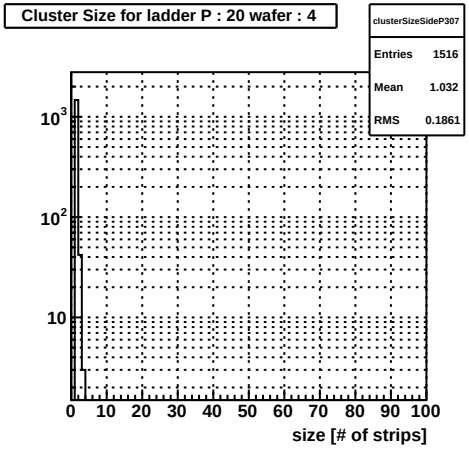

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 3067
Mean 1.034
RMS 0.1941
size [# of strips]

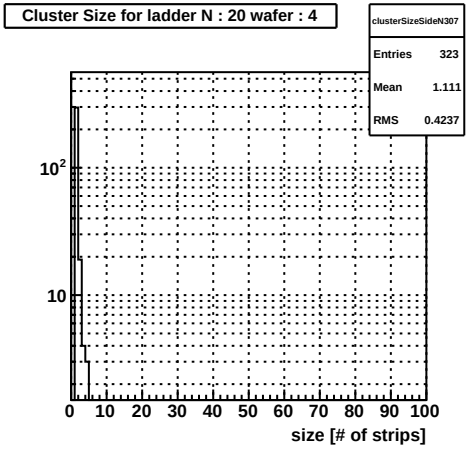

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 511
Mean 1.151
RMS 0.4752
size [# of strips]

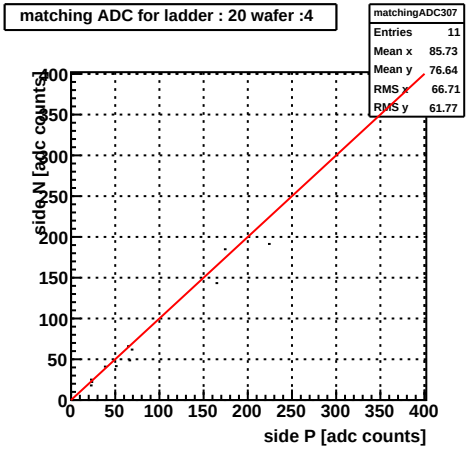

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 34
Mean x 80.82
Mean y 72.06
RMS x 62.63
RMS y 52.68
side N [adc counts]
side P [adc counts]

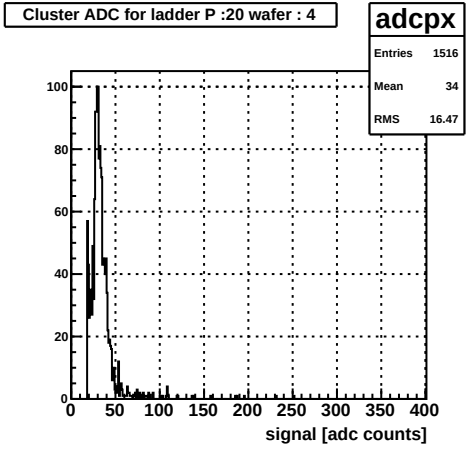

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 3067
Mean 27.5
RMS 14.8
signal [adc counts]

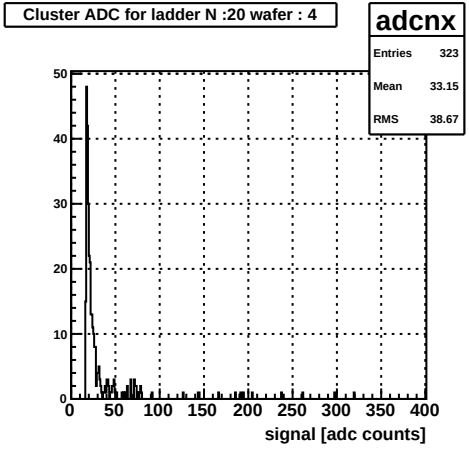

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 511
Mean 32.4
RMS 35.6
signal [adc counts]

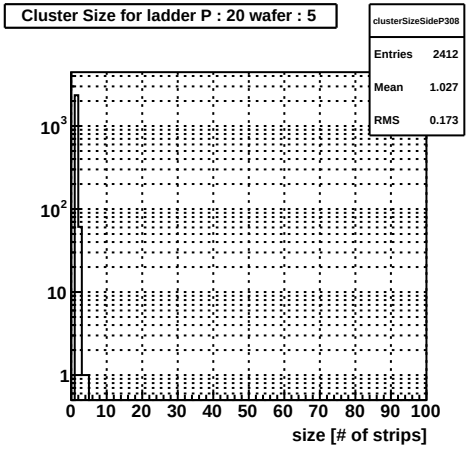

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 1516
Mean 1.032
RMS 0.1861
size [# of strips]

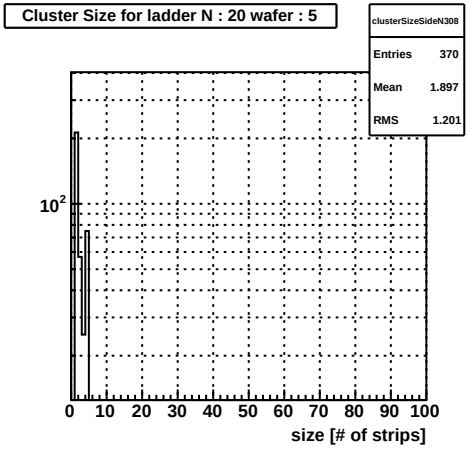

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 323
Mean 1.111
RMS 0.4237
size [# of strips]

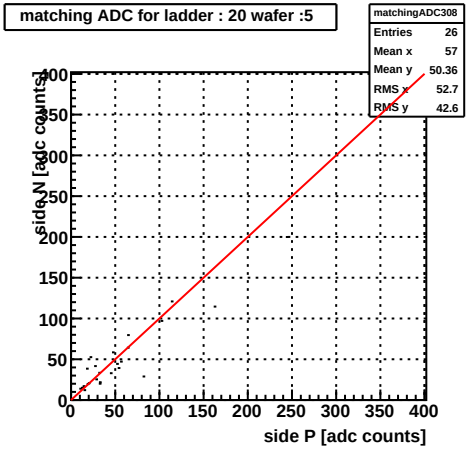

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 11
Mean x 85.73
Mean y 76.64
RMS x 66.71
RMS y 61.77
side N [adc counts]
side P [adc counts]

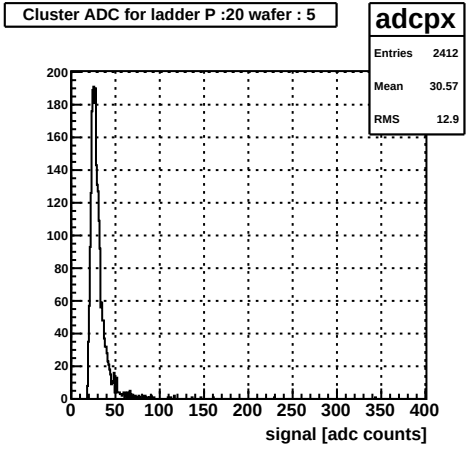

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 1516
Mean 34
RMS 16.47
signal [adc counts]

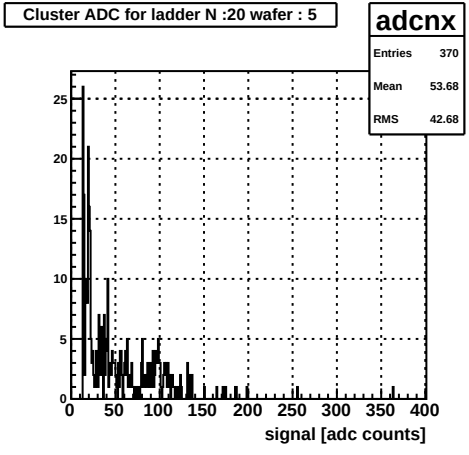

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 323
Mean 33.15
RMS 38.67
signal [adc counts]

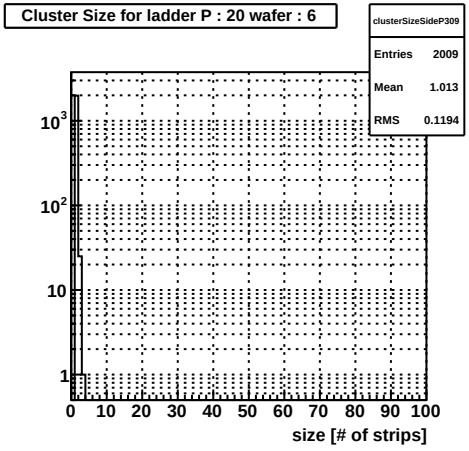

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 2412
Mean 1.027
RMS 0.173
size [# of strips]

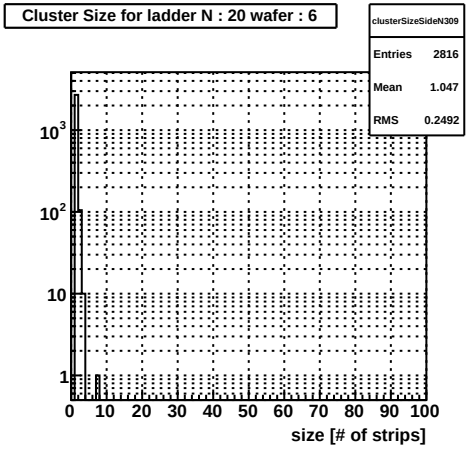

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 370
Mean 1.897
RMS 1.201
size [# of strips]

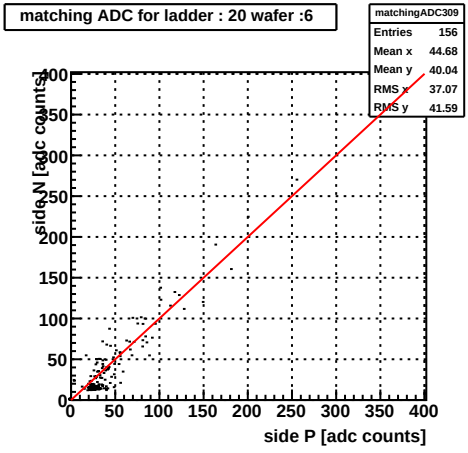

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 26
Mean x 57
Mean y 50.36
RMS x 52.7
RMS y 42.6
side N [adc counts]
side P [adc counts]

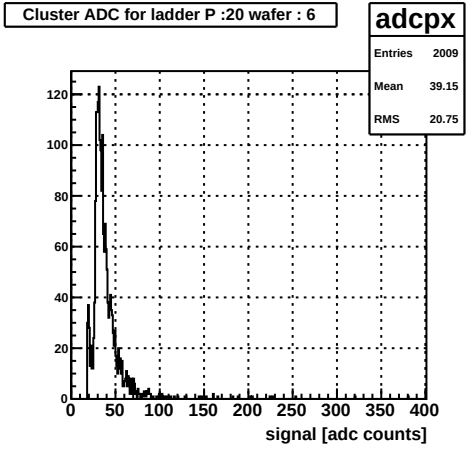

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 2412
Mean 30.57
RMS 12.9
signal [adc counts]

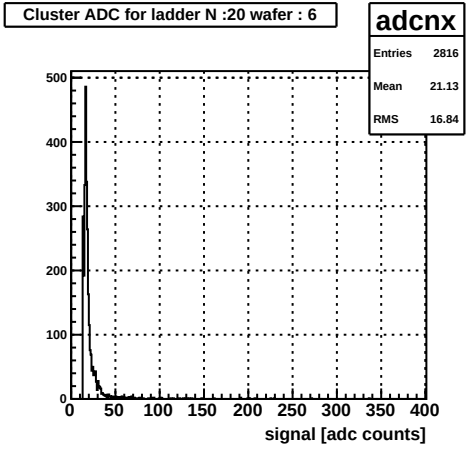

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 370
Mean 53.68
RMS 42.68
signal [adc counts]

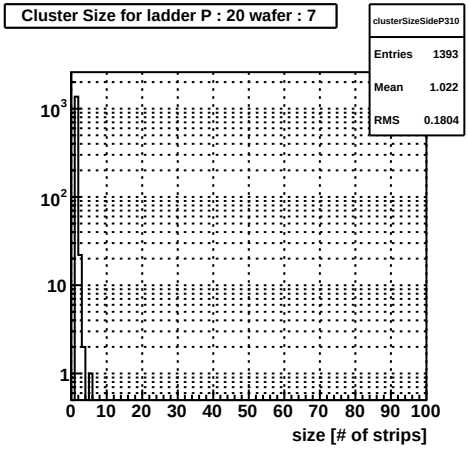

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 2009
Mean 1.013
RMS 0.1194
size [# of strips]

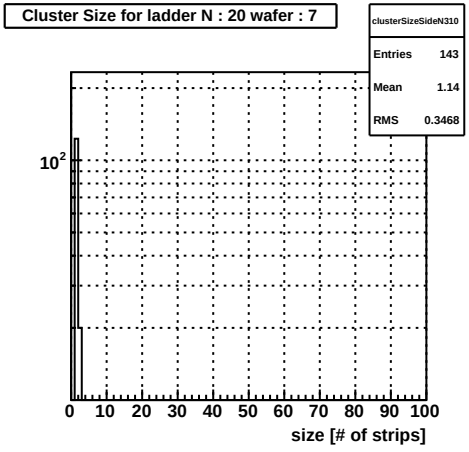

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 2816
Mean 1.047
RMS 0.2492
size [# of strips]

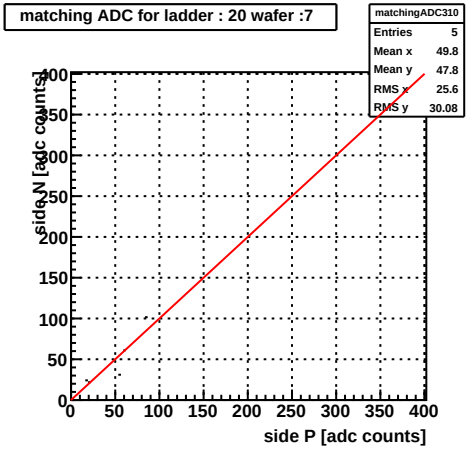

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 156
Mean x 44.68
Mean y 40.04
RMS x 37.07
RMS y 41.59
side N [adc counts]
side P [adc counts]

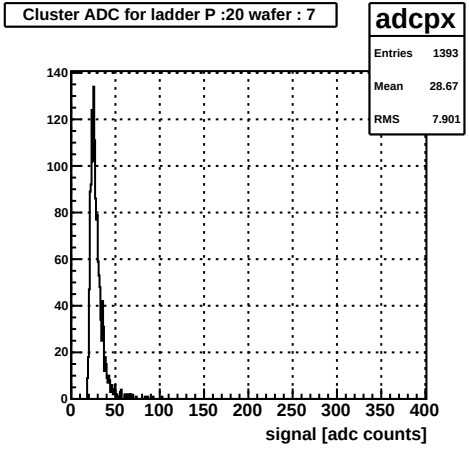

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 2009
Mean 39.15
RMS 20.75
signal [adc counts]

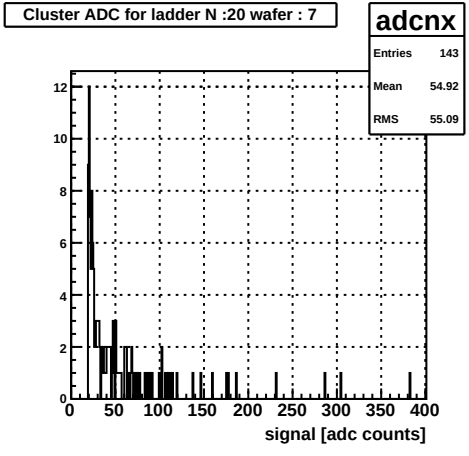

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 2816
Mean 21.13
RMS 16.84
signal [adc counts]

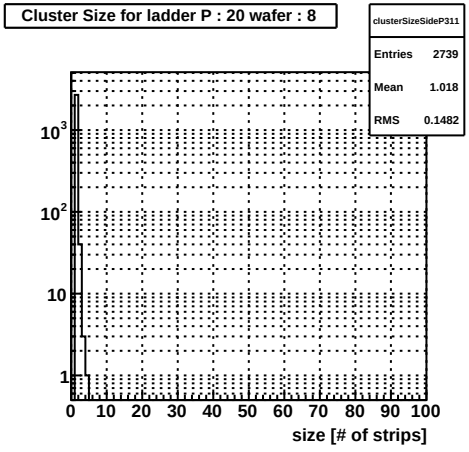

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 1393
Mean 1.022
RMS 0.1804
size [# of strips]

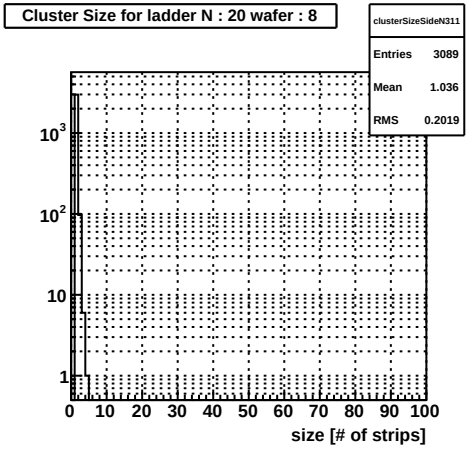

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 143
Mean 1.14
RMS 0.3468
size [# of strips]

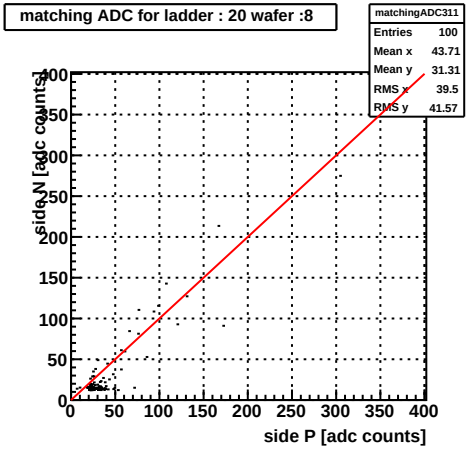

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 5
Mean x 49.8
Mean y 47.8
RMS x 25.6
RMS y 30.08
side N [adc counts]
side P [adc counts]

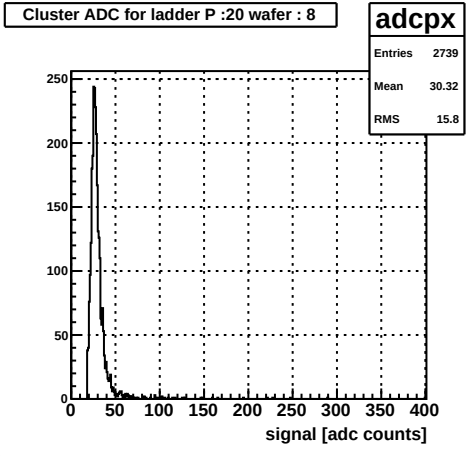

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 1393
Mean 28.67
RMS 7.901
signal [adc counts]

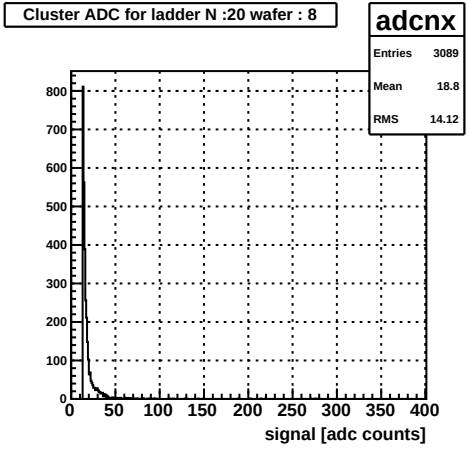

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 143
Mean 54.92
RMS 55.09
signal [adc counts]

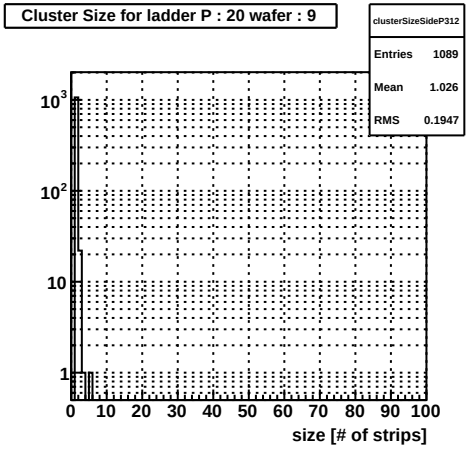

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 2739
Mean 1.018
RMS 0.1482
size [# of strips]

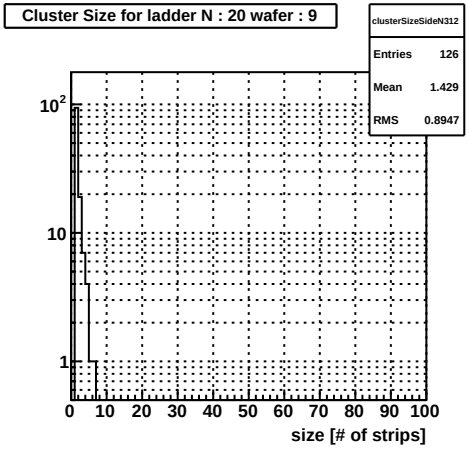

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 3089
Mean 1.036
RMS 0.2019
size [# of strips]

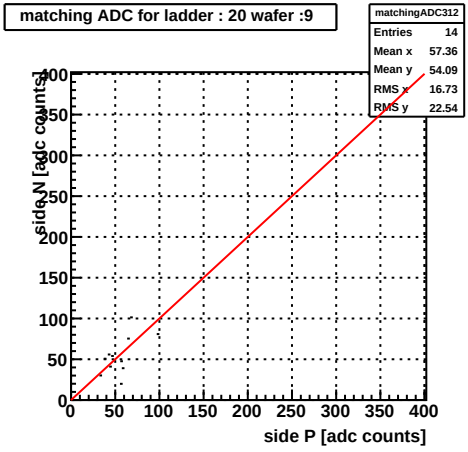

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 100
Mean x 43.71
Mean y 31.31
RMS x 39.5
RMS y 41.57
side N [adc counts]
side P [adc counts]

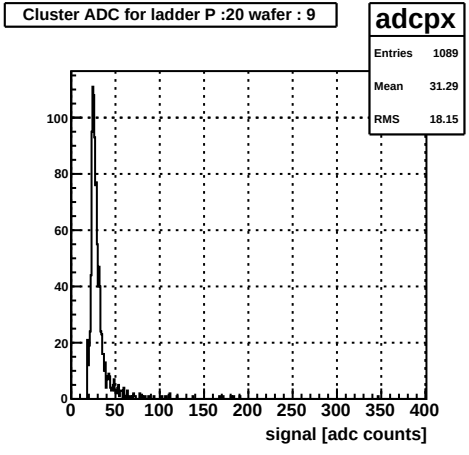

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 2739
Mean 30.32
RMS 15.8
signal [adc counts]

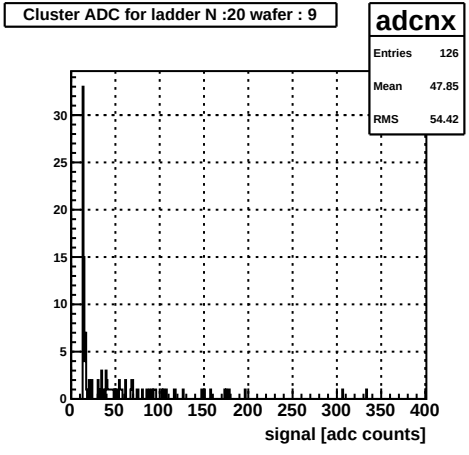

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 3089
Mean 18.8
RMS 14.12
signal [adc counts]

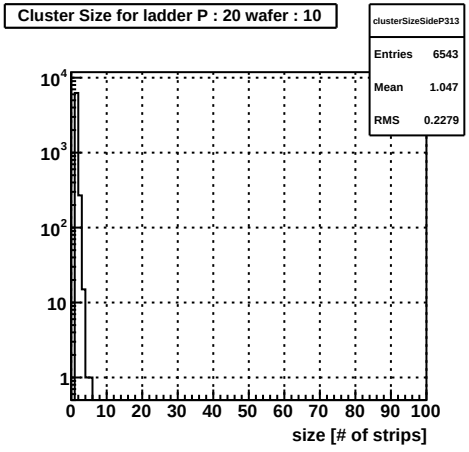

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 1089
Mean 1.026
RMS 0.1947
size [# of strips]

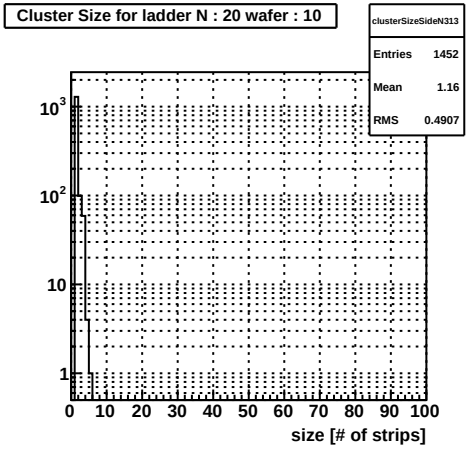

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 126
Mean 1.429
RMS 0.8947
size [# of strips]

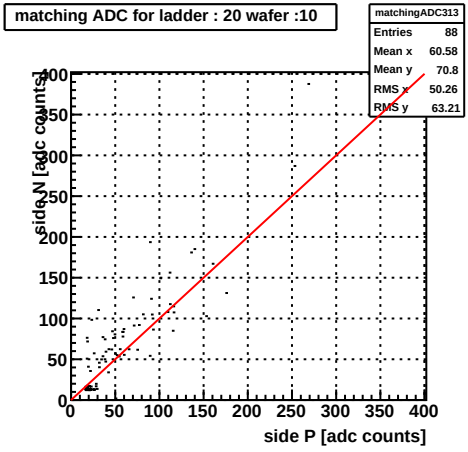

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 14
Mean x 57.36
Mean y 54.09
RMS x 16.73
RMS y 22.54
side N [adc counts]
side P [adc counts]

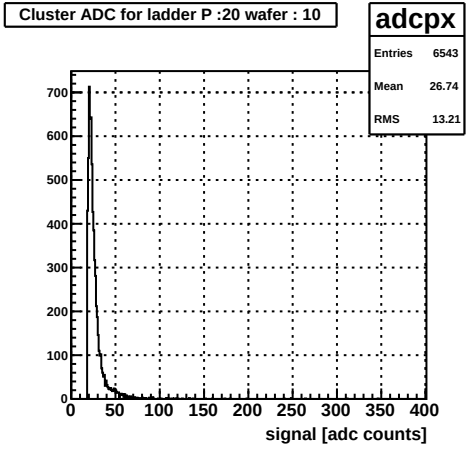

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 1089
Mean 31.29
RMS 18.15
signal [adc counts]

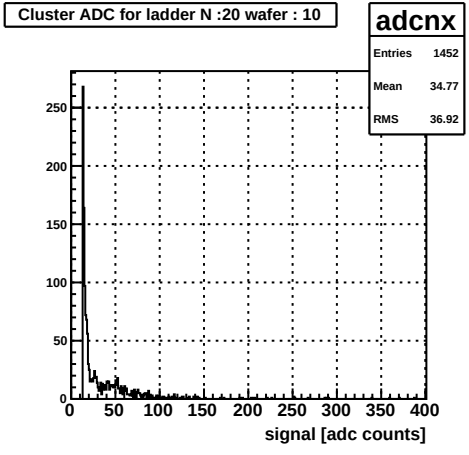

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 126
Mean 47.85
RMS 54.42
signal [adc counts]

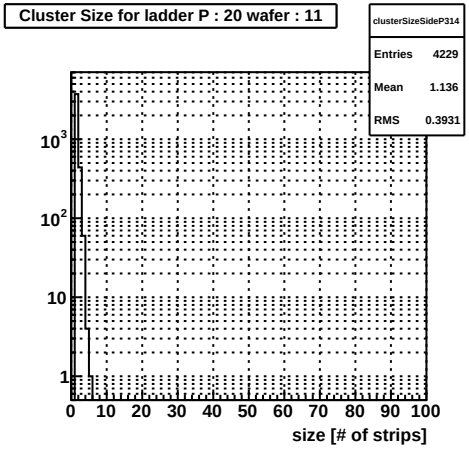

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 6543
Mean 1.047
RMS 0.2279
size [# of strips]

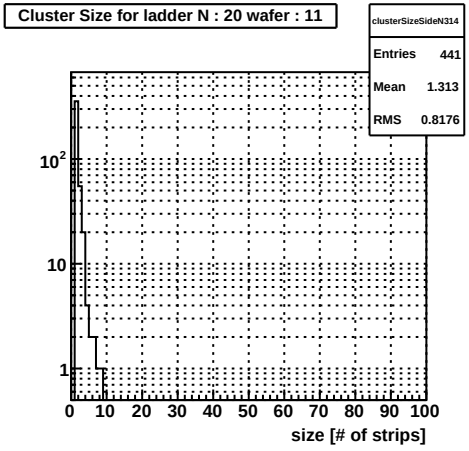

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 1452
Mean 1.16
RMS 0.4907
size [# of strips]

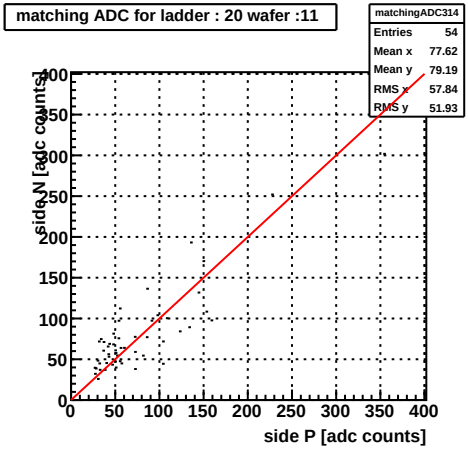

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 88
Mean x 60.58
Mean y 70.8
RMS x 50.26
RMS y 63.21
side N [adc counts]
side P [adc counts]

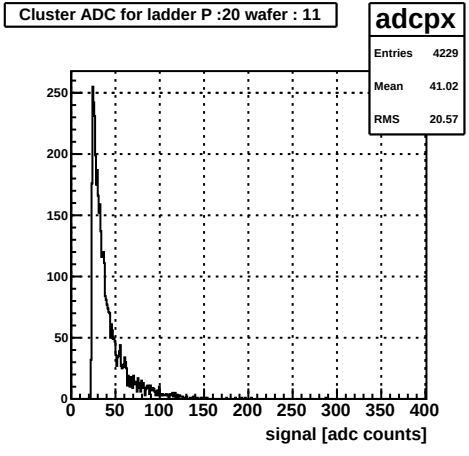

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 6543
Mean 26.74
RMS 13.21
signal [adc counts]

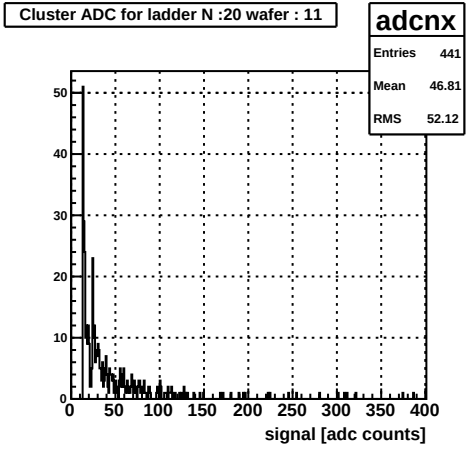

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 1452
Mean 34.77
RMS 36.92
signal [adc counts]

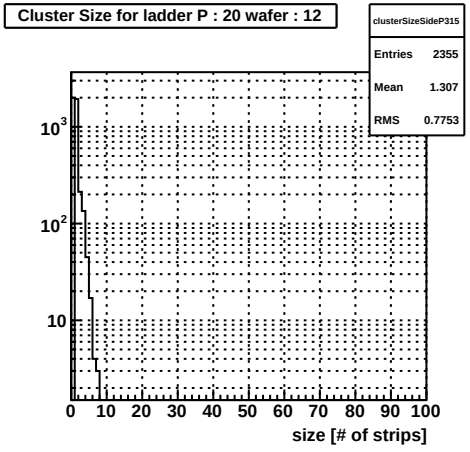

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 4229
Mean 1.136
RMS 0.3931
size [# of strips]

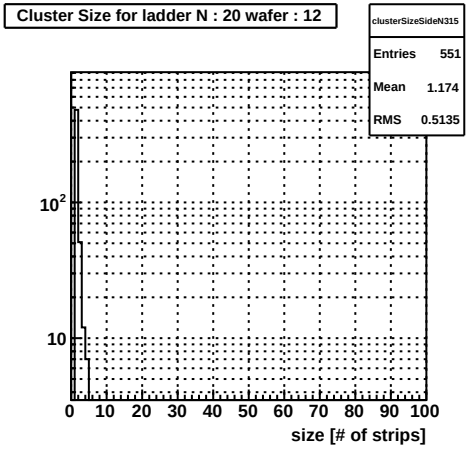

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 441
Mean 1.313
RMS 0.8176
size [# of strips]

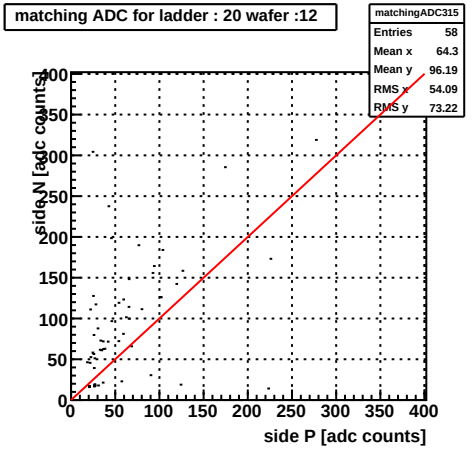

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 54
Mean x 77.62
Mean y 79.19
RMS x 57.84
RMS y 51.93
side N [adc counts]
side P [adc counts]

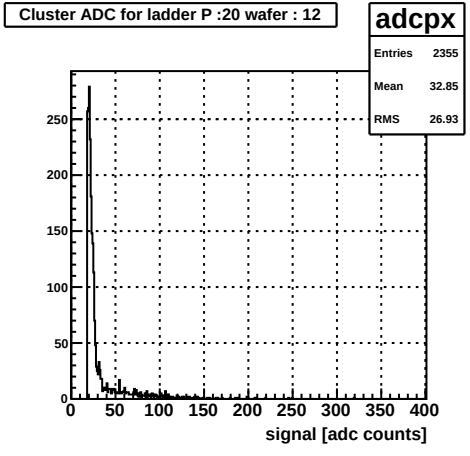

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 4229
Mean 41.02
RMS 20.57
signal [adc counts]

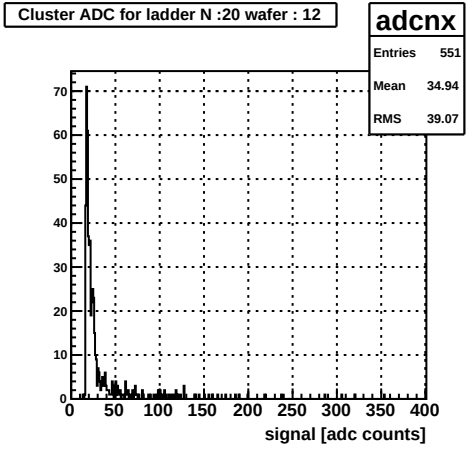

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 441
Mean 46.81
RMS 52.12
signal [adc counts]

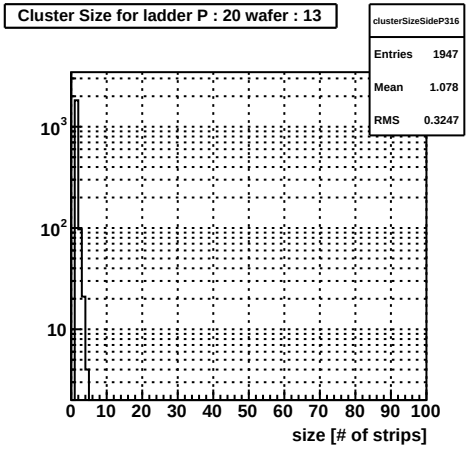

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 2355
Mean 1.307
RMS 0.7753
size [# of strips]

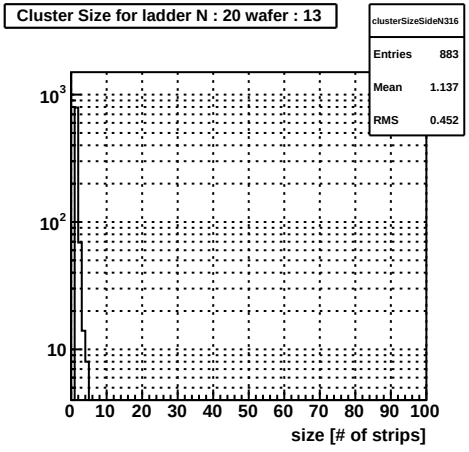

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 551
Mean 1.174
RMS 0.5135
size [# of strips]

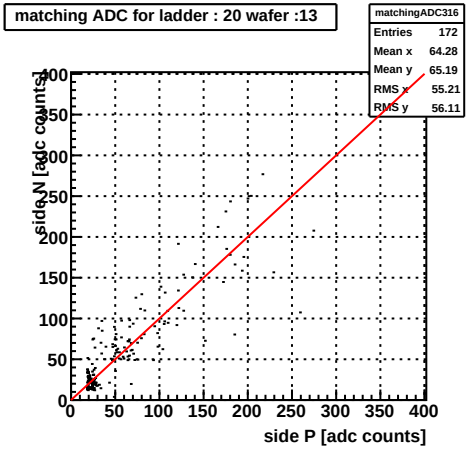

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 58
Mean x 64.3
Mean y 96.19
RMS x 54.09
RMS y 73.22
side N [adc counts]
side P [adc counts]

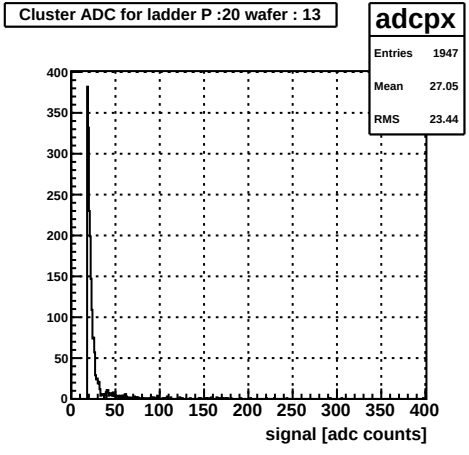

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 2355
Mean 32.85
RMS 26.93
signal [adc counts]

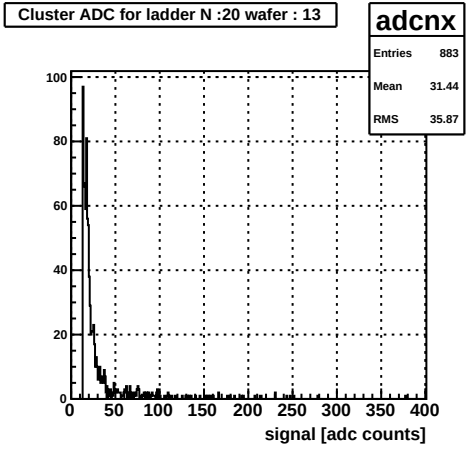

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 551
Mean 34.94
RMS 39.07
signal [adc counts]

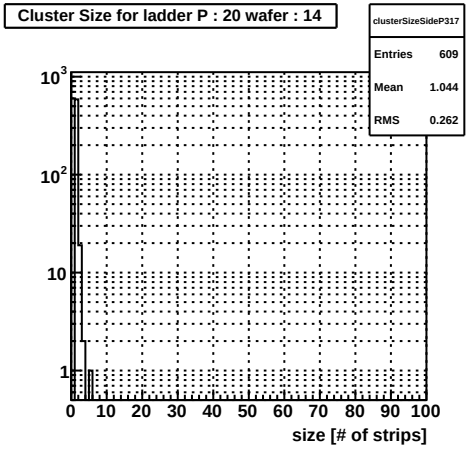

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 1947
Mean 1.078
RMS 0.3247
size [# of strips]

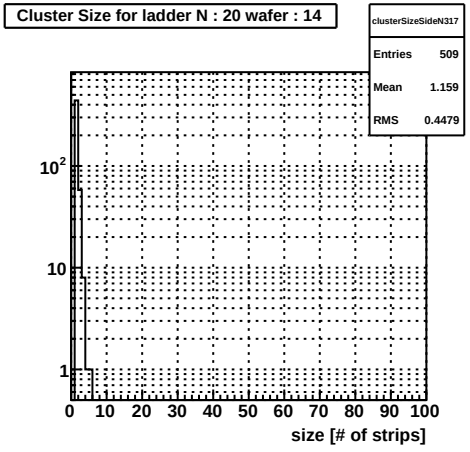

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 883
Mean 1.137
RMS 0.452
size [# of strips]

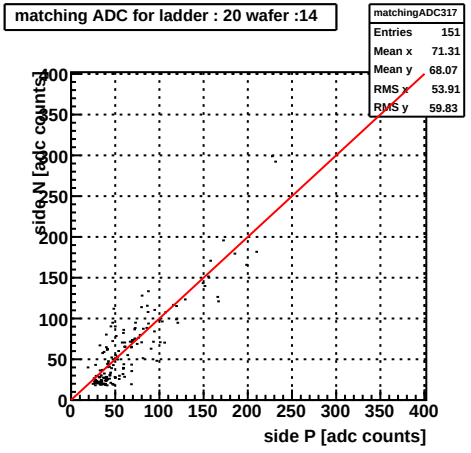

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 172
Mean x 64.28
Mean y 65.19
RMS x 55.21
RMS y 56.11
side N [adc counts]
side P [adc counts]

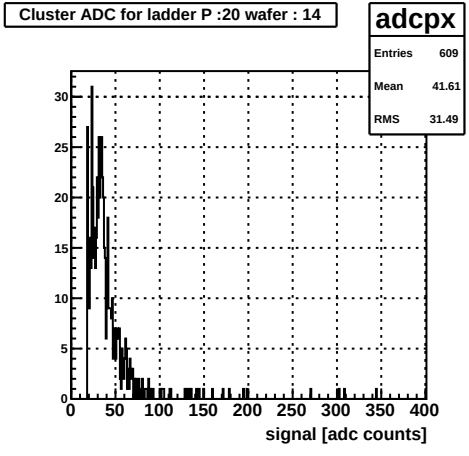

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 1947
Mean 27.05
RMS 23.44
signal [adc counts]

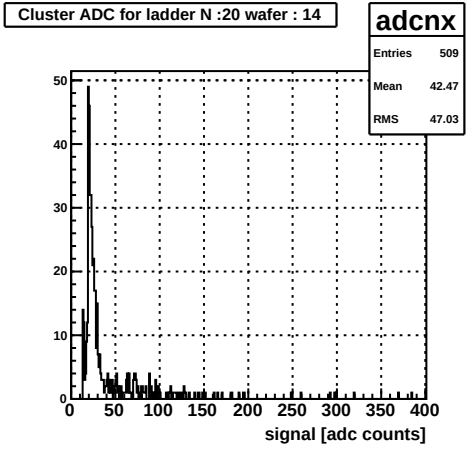

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 883
Mean 31.44
RMS 35.87
signal [adc counts]

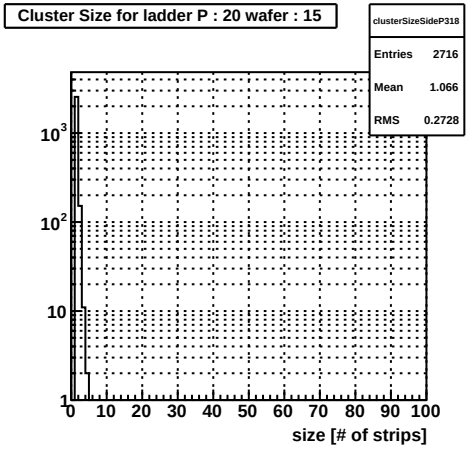

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 609
Mean 1.044
RMS 0.262
size [# of strips]

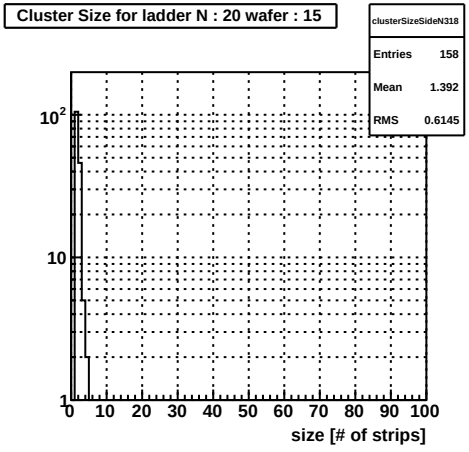

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 509
Mean 1.159
RMS 0.4479
size [# of strips]

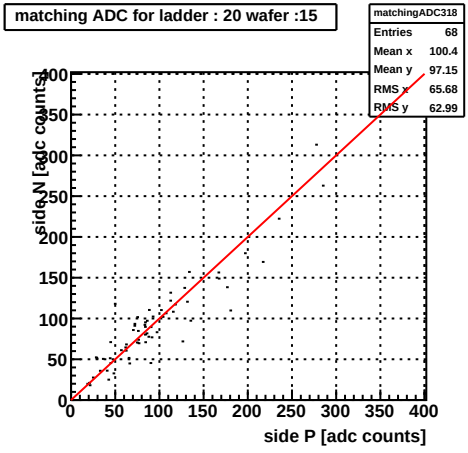

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 151
Mean x 71.31
Mean y 68.07
RMS x 53.91
RMS y 59.83
side N [adc counts]
side P [adc counts]

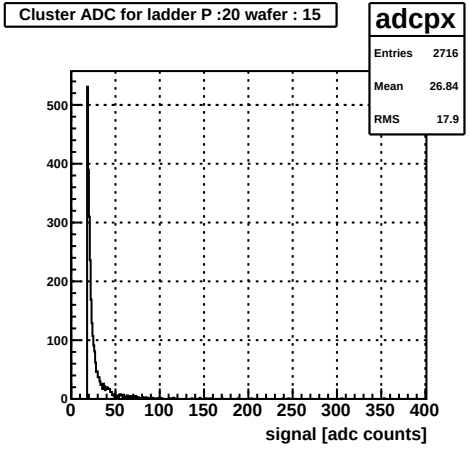

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 609
Mean 41.61
RMS 31.49
signal [adc counts]

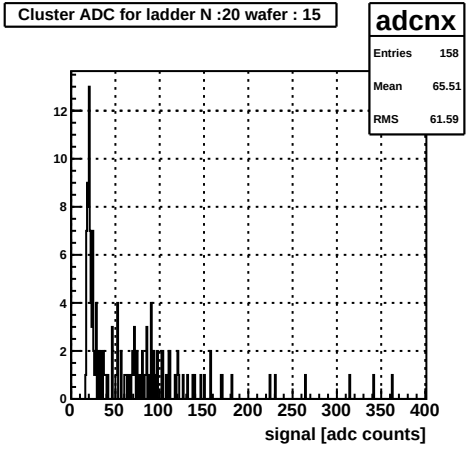

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 509
Mean 42.47
RMS 47.03
signal [adc counts]

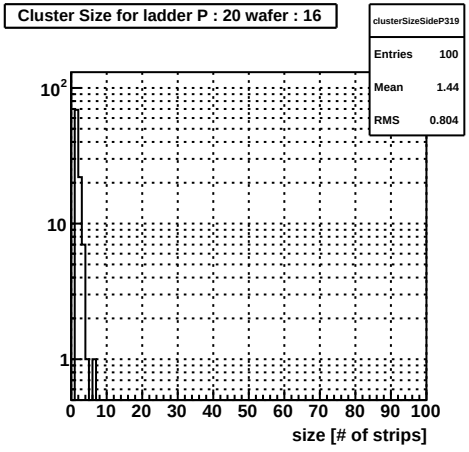

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 2716
Mean 1.066
RMS 0.2728
size [# of strips]

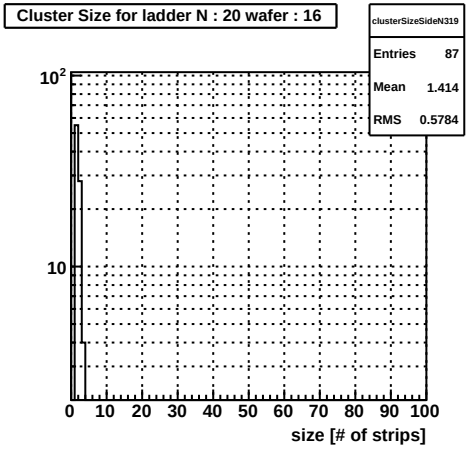

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 158
Mean 1.392
RMS 0.6145
size [# of strips]

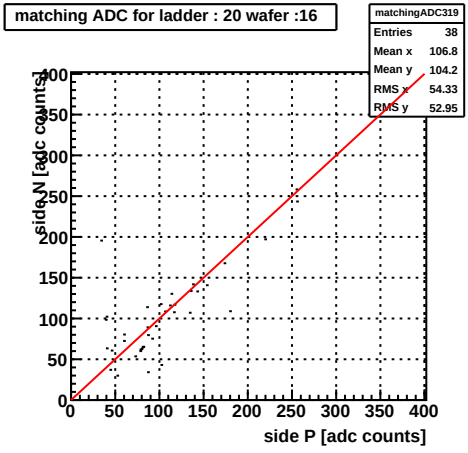

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 68
Mean x 100.4
Mean y 97.15
RMS x 65.68
RMS y 62.99
side N [adc counts]
side P [adc counts]

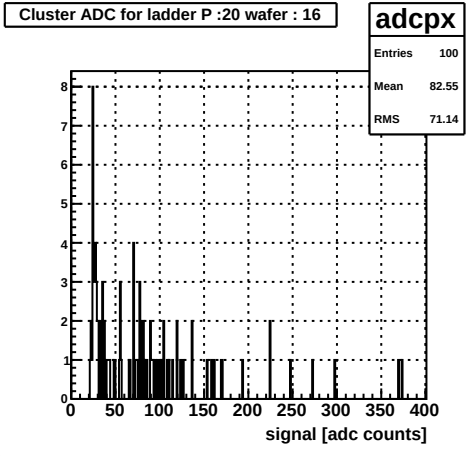

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 2716
Mean 26.84
RMS 17.9
signal [adc counts]

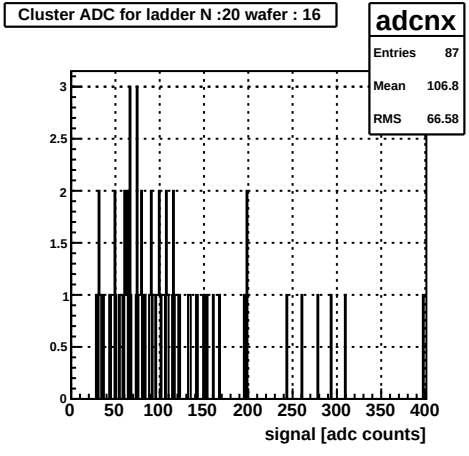

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 158
Mean 65.51
RMS 61.59
signal [adc counts]

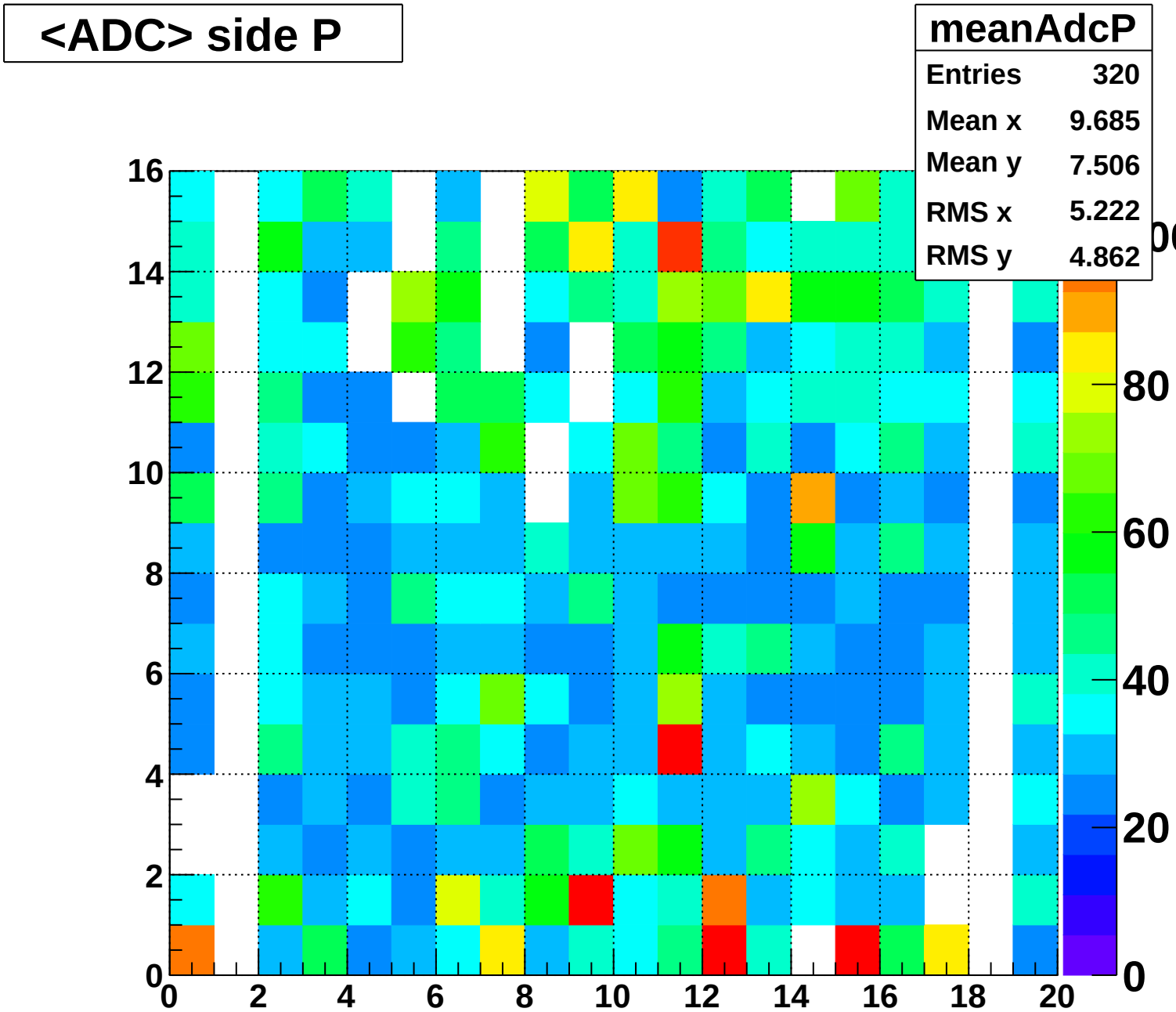

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 100
Mean 1.44
RMS 0.804
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 87
Mean 1.414
RMS 0.5784
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 38
Mean x 106.8
Mean y 104.2
RMS x 54.33
RMS y 52.95
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 100
Mean 82.55
RMS 71.14
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 87
Mean 106.8
RMS 66.58
signal [adc counts]

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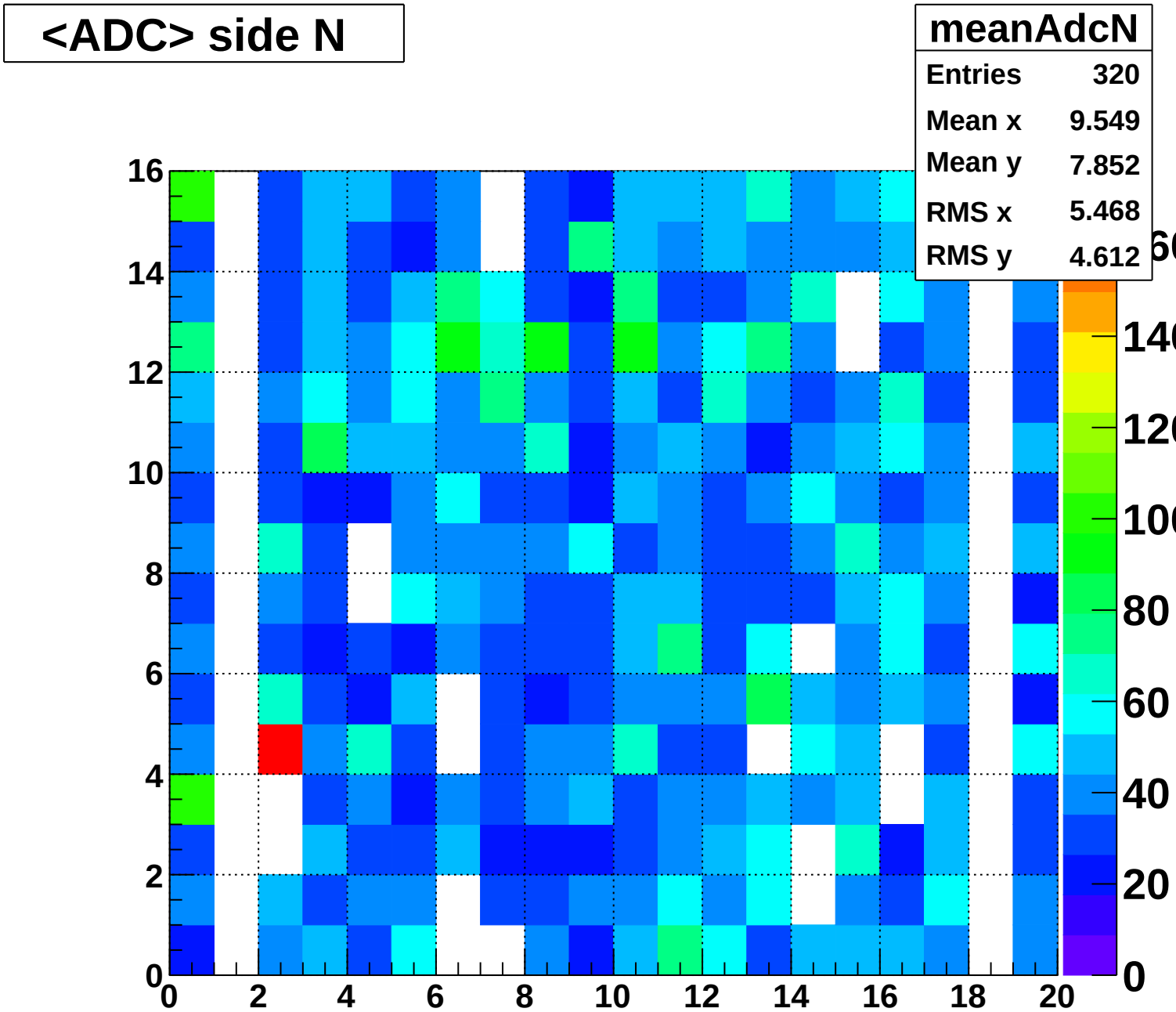


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