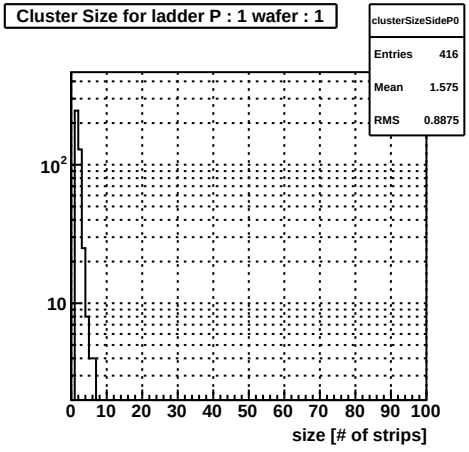
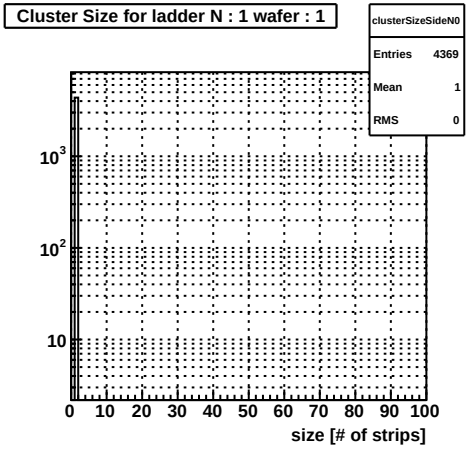
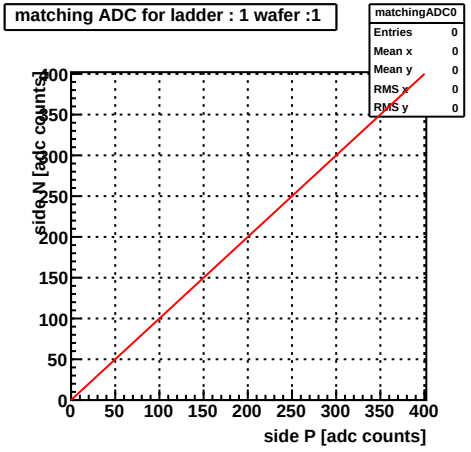
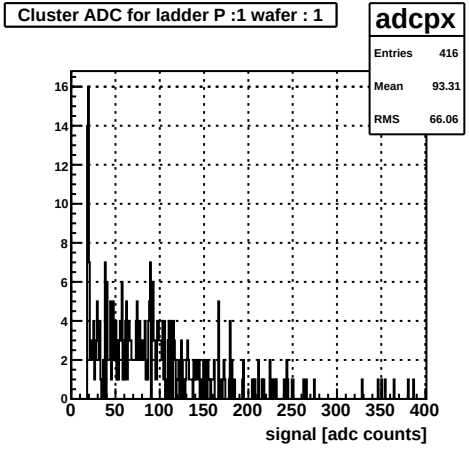
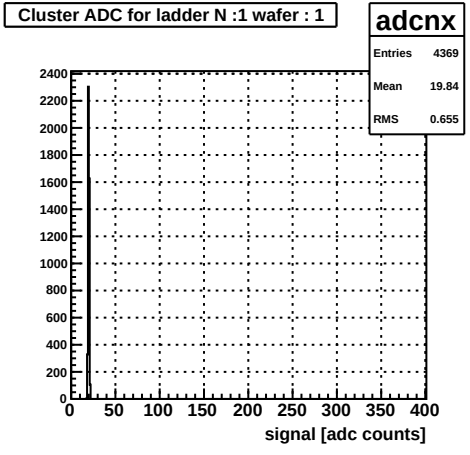
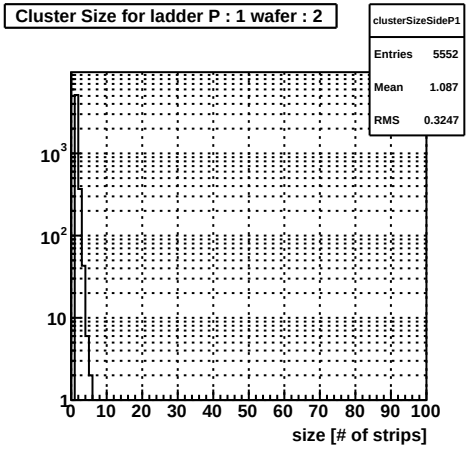

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 416
Mean 1.575
RMS 0.8875
size [# of strips]

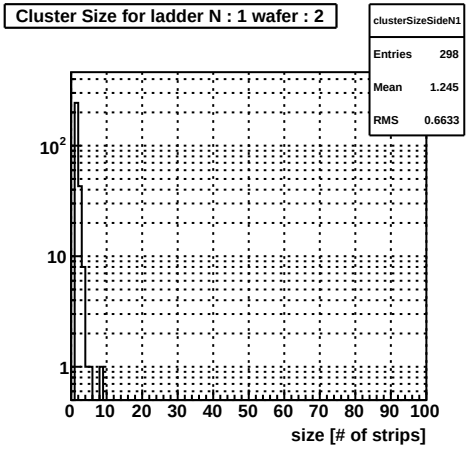

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 4369
Mean 1
RMS 0
size [# of strips]

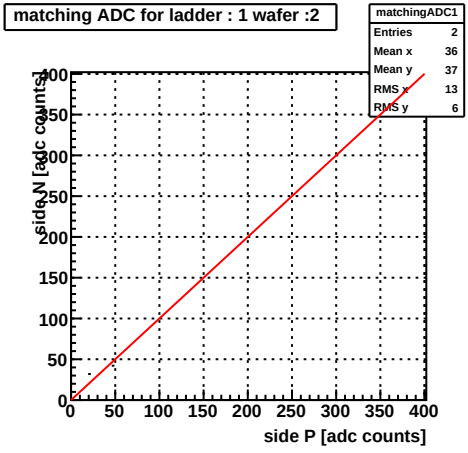

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

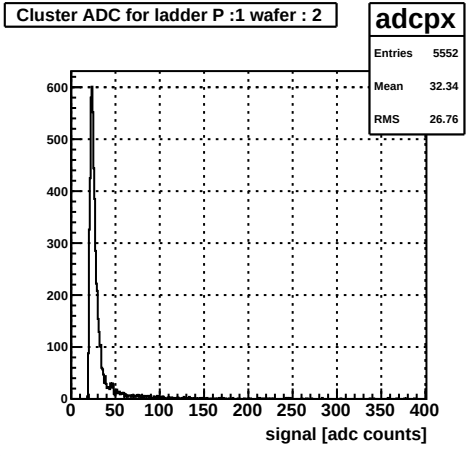

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 416
Mean 93.31
RMS 66.06
signal [adc counts]

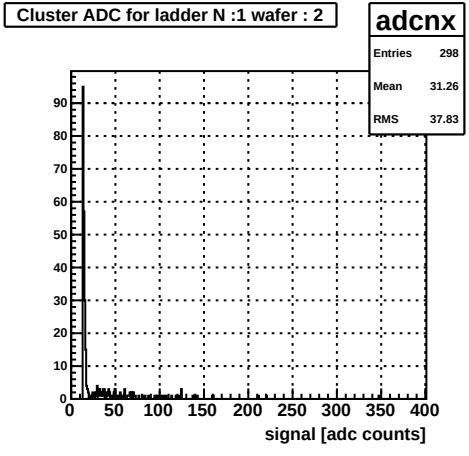

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 4369
Mean 19.84
RMS 0.655
signal [adc counts]

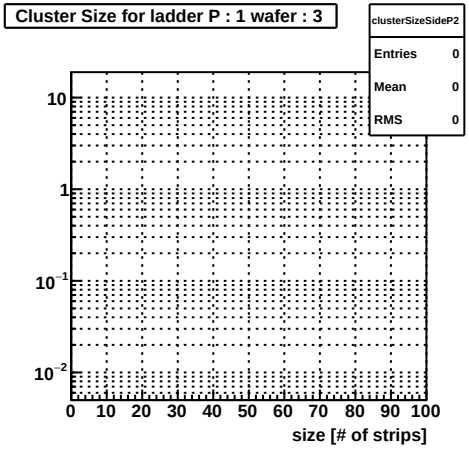

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 5552
Mean 1.087
RMS 0.3247
size [# of strips]

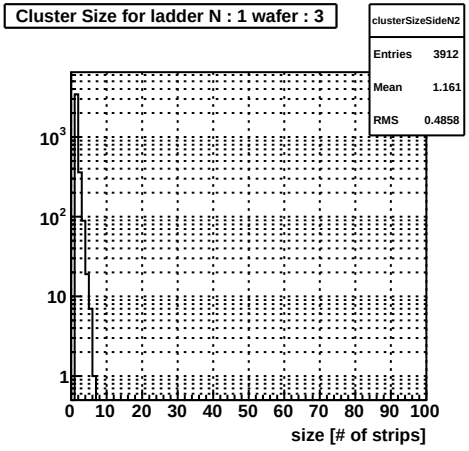

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 298
Mean 1.245
RMS 0.6633
size [# of strips]

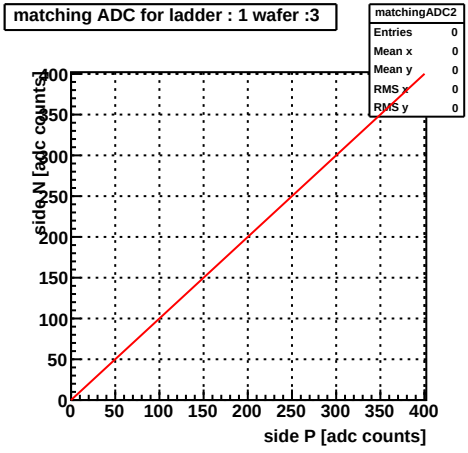

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 2
Mean x 36
Mean y 37
RMS x 13
RMS y 6
side N [adc counts]
side P [adc counts]

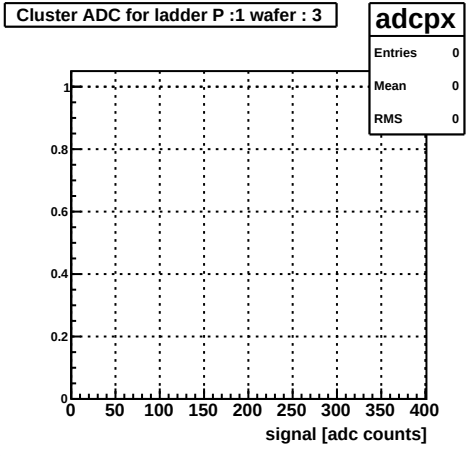

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 5552
Mean 32.34
RMS 26.76
signal [adc counts]

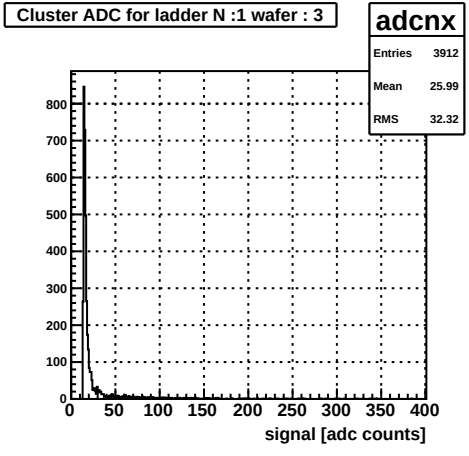

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 298
Mean 31.26
RMS 37.83
signal [adc counts]

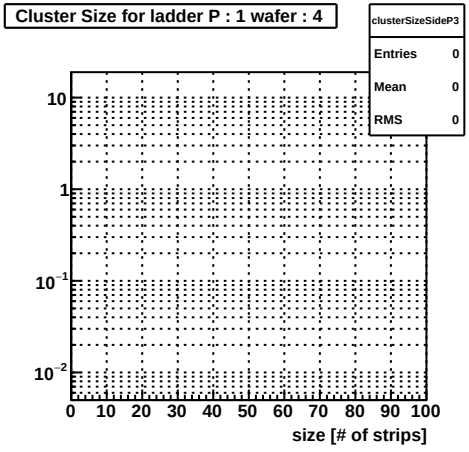

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

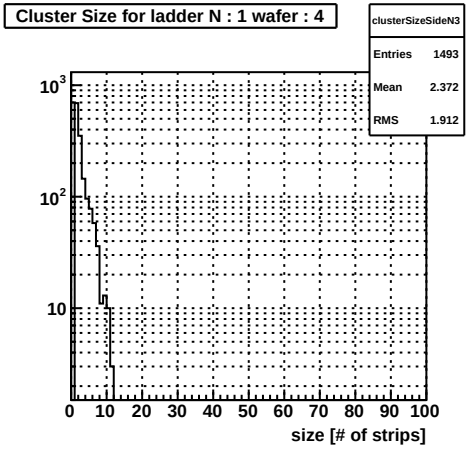

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 3912
Mean 1.161
RMS 0.4858
size [# of strips]

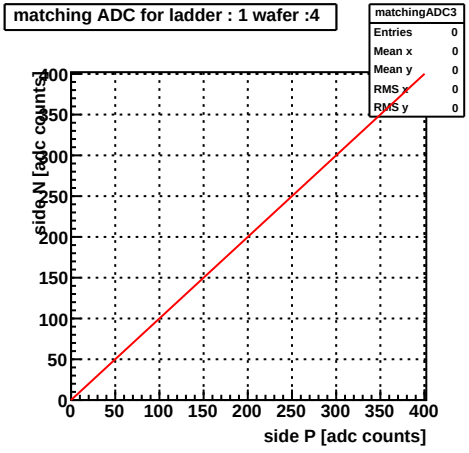

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

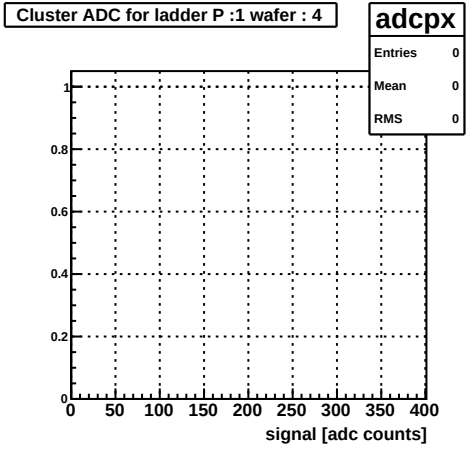

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

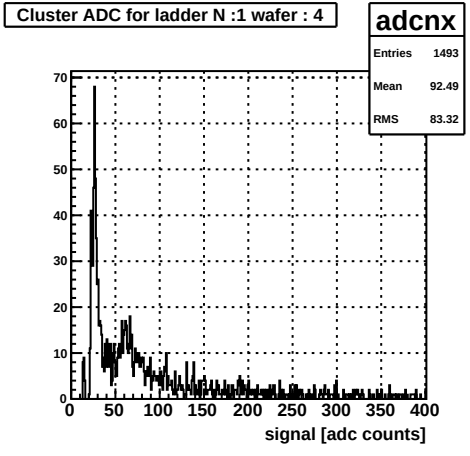

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 3912
Mean 25.99
RMS 32.32
signal [adc counts]

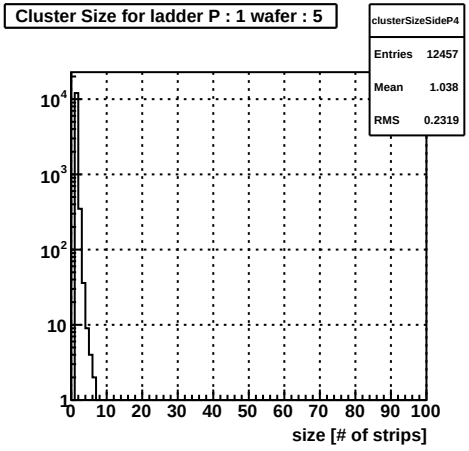

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

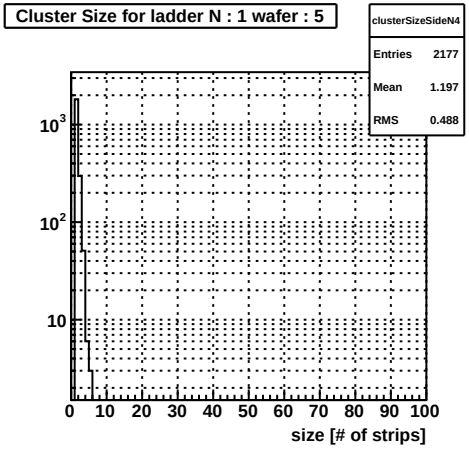

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 1493
Mean 2.372
RMS 1.912
size [# of strips]

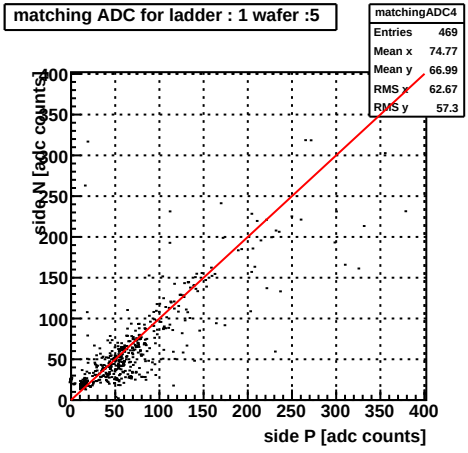

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

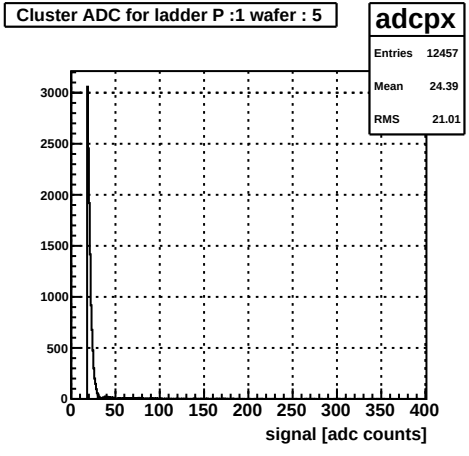

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

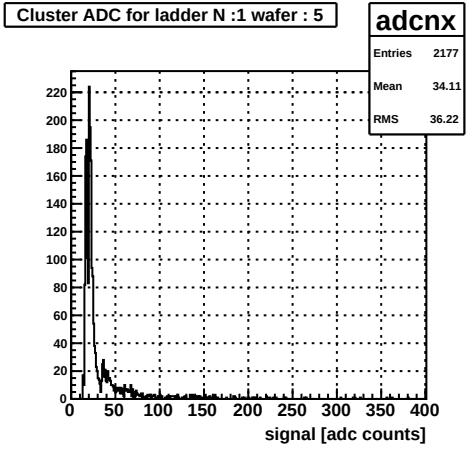

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 1493
Mean 92.49
RMS 83.32
signal [adc counts]

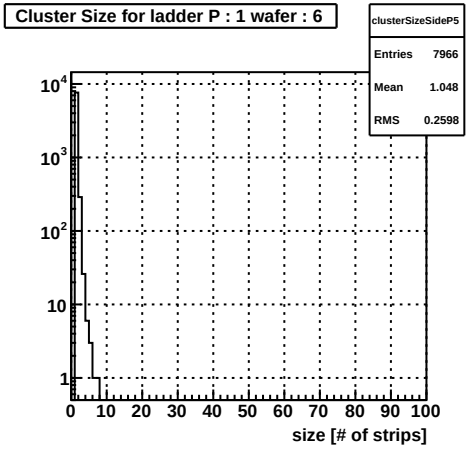

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 12457
Mean 1.038
RMS 0.2319
size [# of strips]

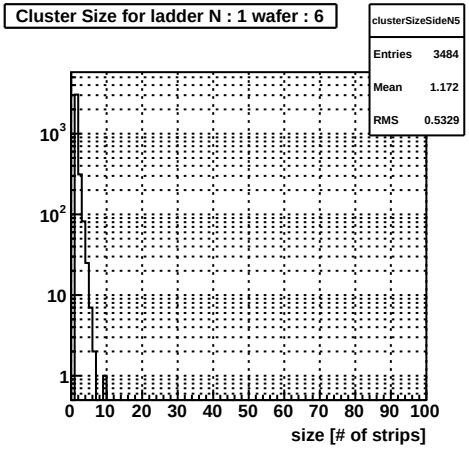

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 2177
Mean 1.197
RMS 0.488
size [# of strips]

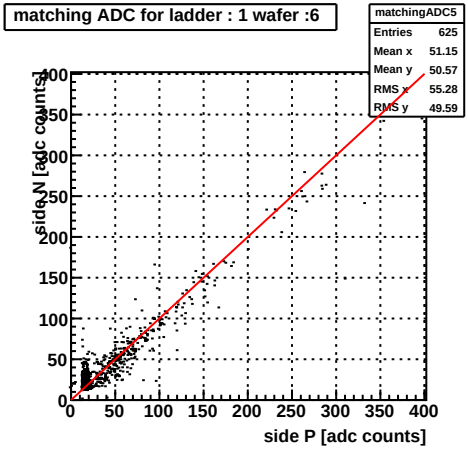

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 469
Mean x 74.77
Mean y 66.99
RMS x 62.67
RMS y 57.3
side N [adc counts]
side P [adc counts]

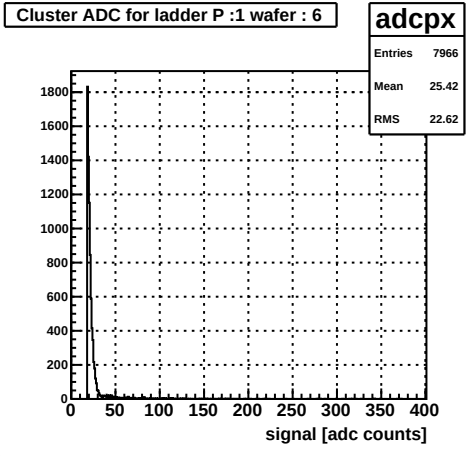

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 12457
Mean 24.39
RMS 21.01
signal [adc counts]

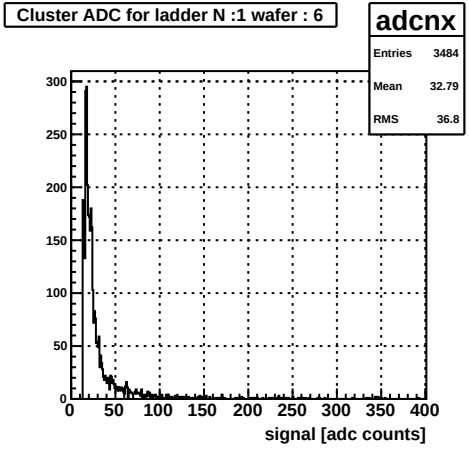

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 2177
Mean 34.11
RMS 36.22
signal [adc counts]

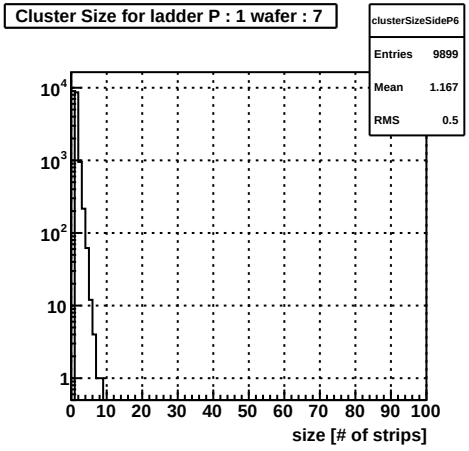

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 7966
Mean 1.048
RMS 0.2598
size [# of strips]

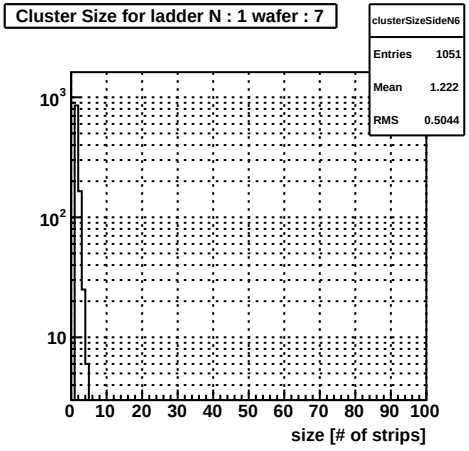

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 3484
Mean 1.172
RMS 0.5329
size [# of strips]

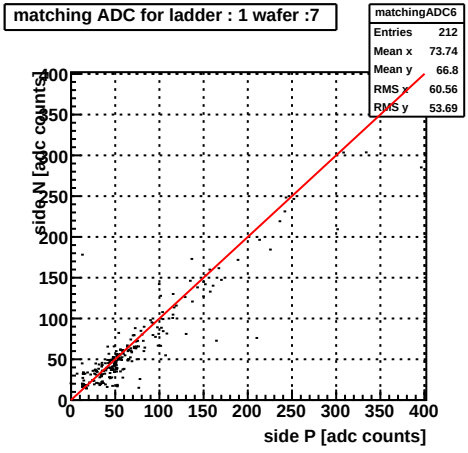

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 625
Mean x 51.15
Mean y 50.57
RMS x 55.28
RMS y 49.59
side N [adc counts]
side P [adc counts]

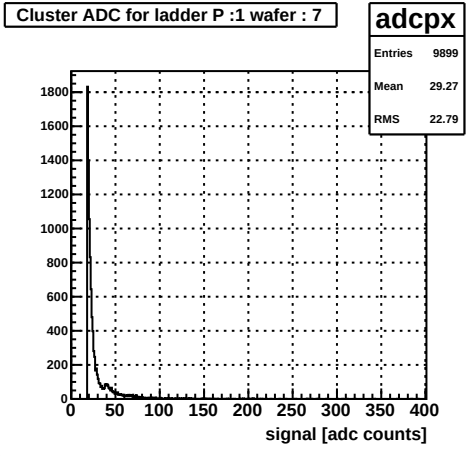

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 7966
Mean 25.42
RMS 22.62
signal [adc counts]

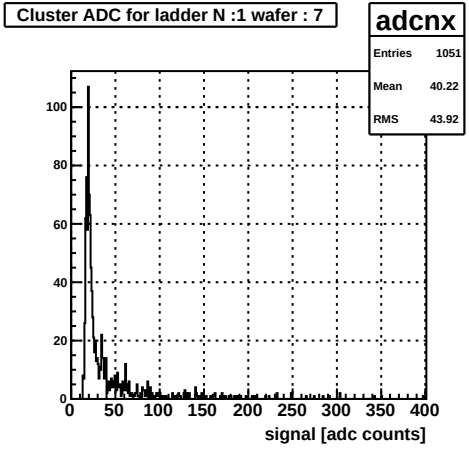

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 3484
Mean 32.79
RMS 36.8
signal [adc counts]

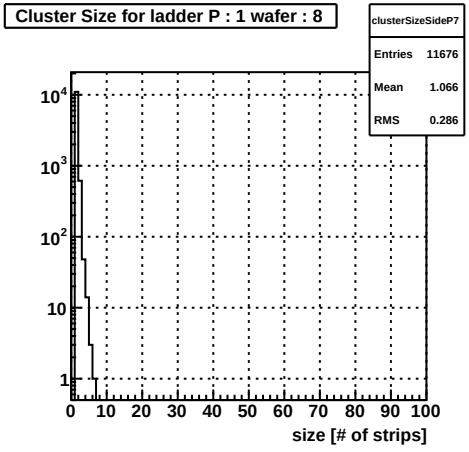

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 9899
Mean 1.167
RMS 0.5
size [# of strips]

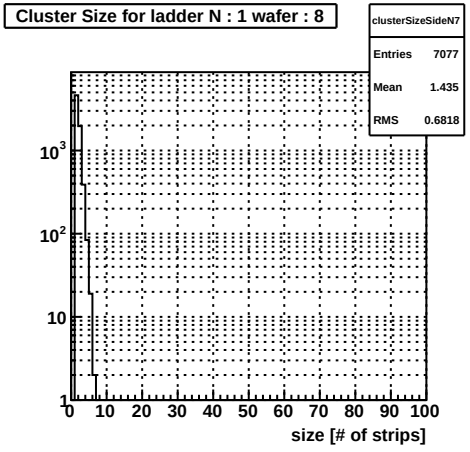

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 1051
Mean 1.222
RMS 0.5044
size [# of strips]

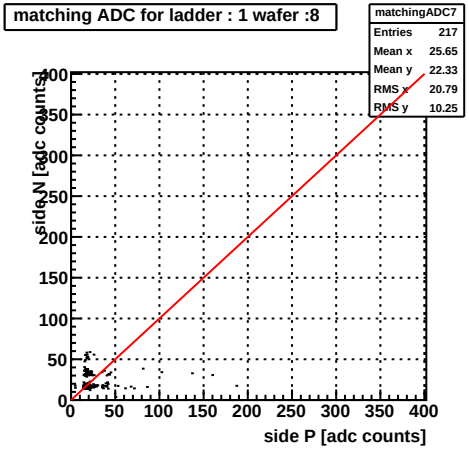

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 212
Mean x 73.74
Mean y 66.8
RMS x 60.56
RMS y 53.69
side N [adc counts]
side P [adc counts]

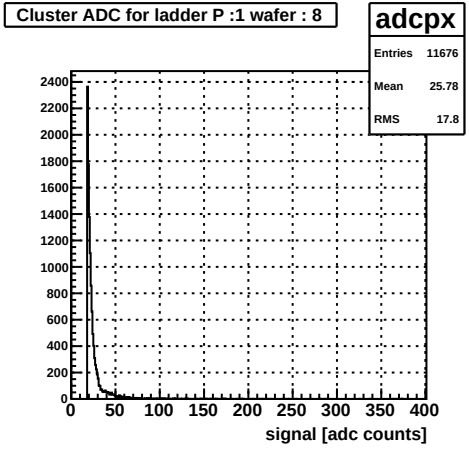

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 9899
Mean 29.27
RMS 22.79
signal [adc counts]

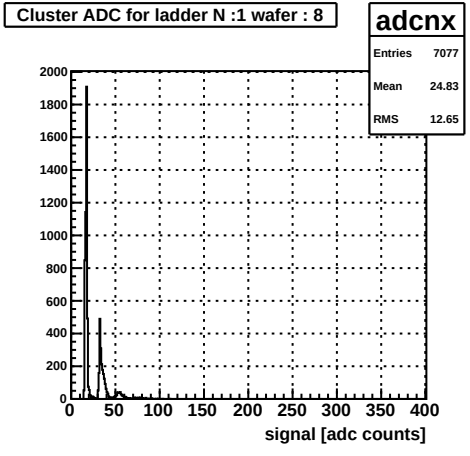

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 1051
Mean 40.22
RMS 43.92
signal [adc counts]

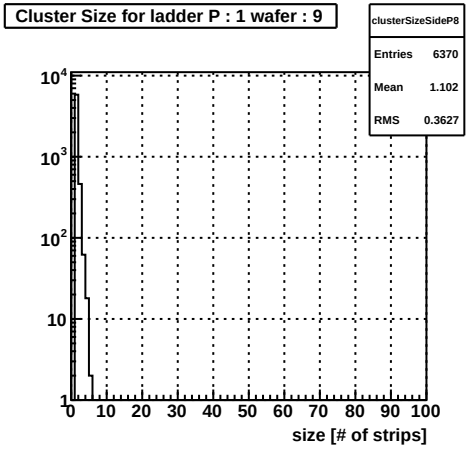

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 11676
Mean 1.066
RMS 0.286
size [# of strips]

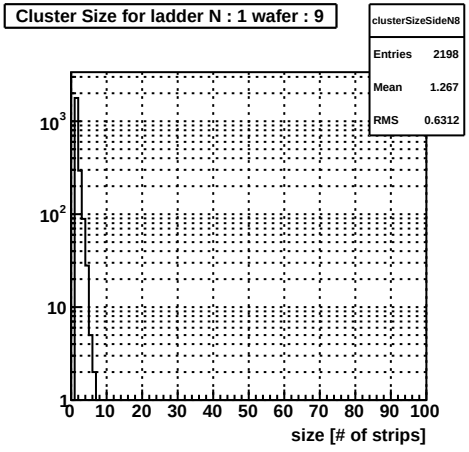

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 7077
Mean 1.435
RMS 0.6818
size [# of strips]

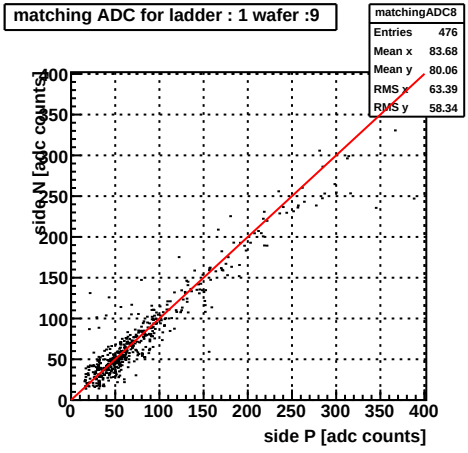

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 217
Mean x 25.65
Mean y 22.33
RMS x 20.79
RMS y 10.25
side N [adc counts]
side P [adc counts]

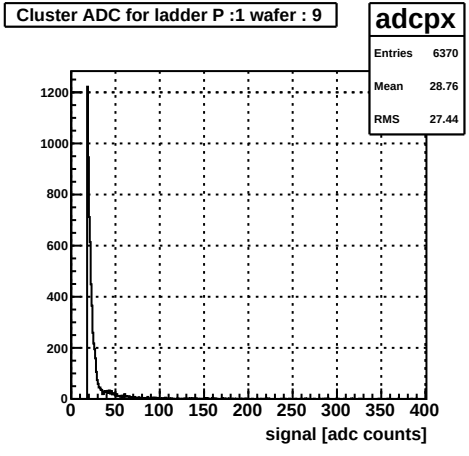

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 11676
Mean 25.78
RMS 17.8
signal [adc counts]

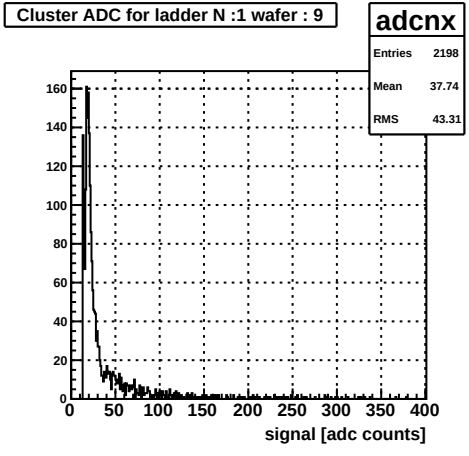

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 7077
Mean 24.83
RMS 12.65
signal [adc counts]

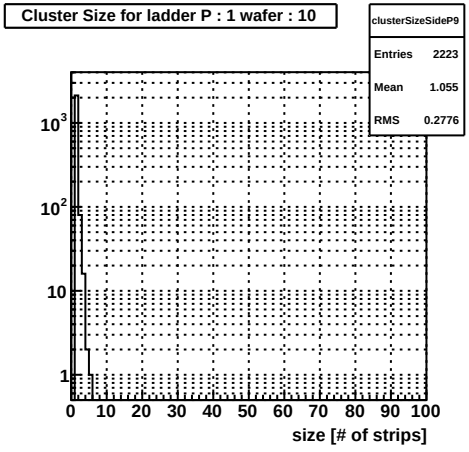

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 6370
Mean 1.102
RMS 0.3627
size [# of strips]

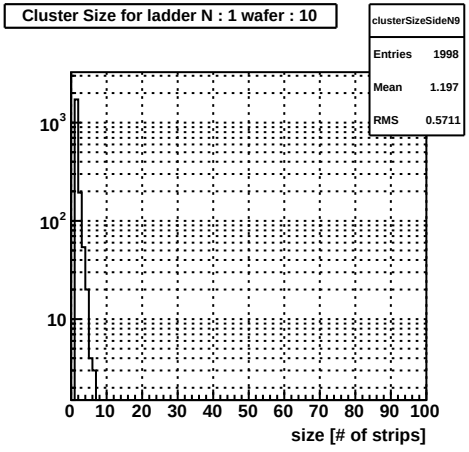

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 2198
Mean 1.267
RMS 0.6312
size [# of strips]

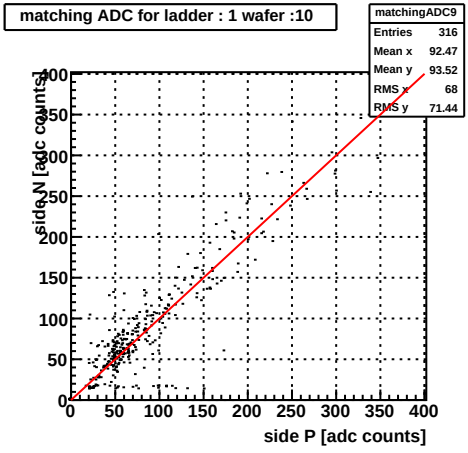

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 476
Mean x 83.68
Mean y 80.06
RMS x 63.39
RMS y 58.34
side N [adc counts]
side P [adc counts]

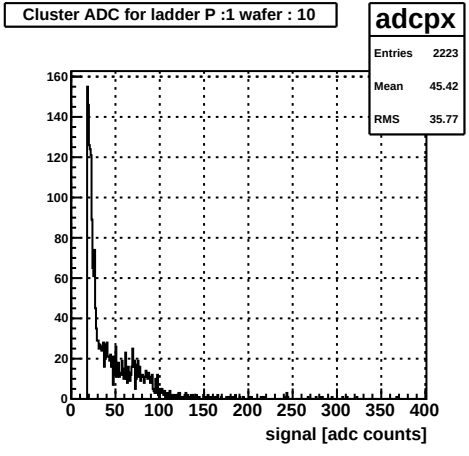

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 6370
Mean 28.76
RMS 27.44
signal [adc counts]

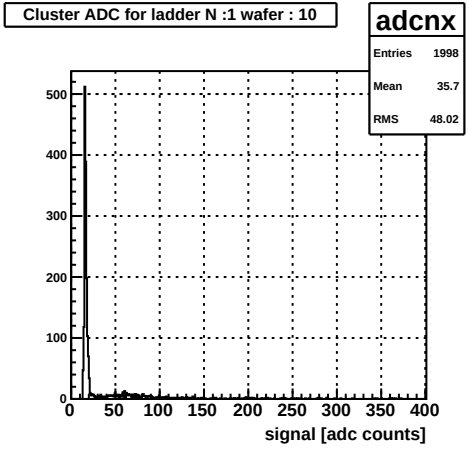

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 2198
Mean 37.74
RMS 43.31
signal [adc counts]

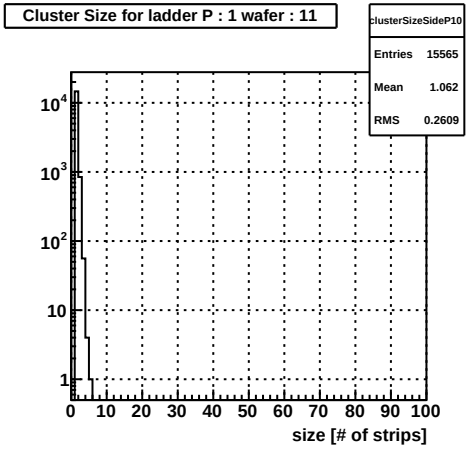

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 2223
Mean 1.055
RMS 0.2776
size [# of strips]

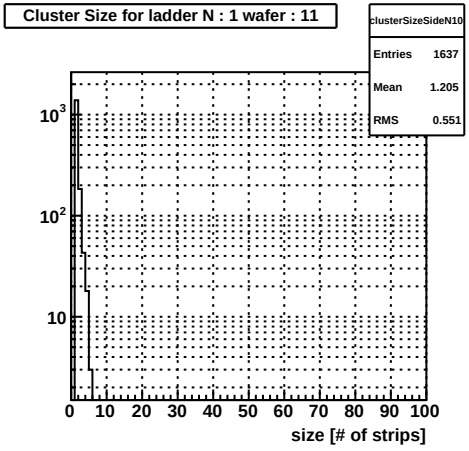

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 1998
Mean 1.197
RMS 0.5711
size [# of strips]

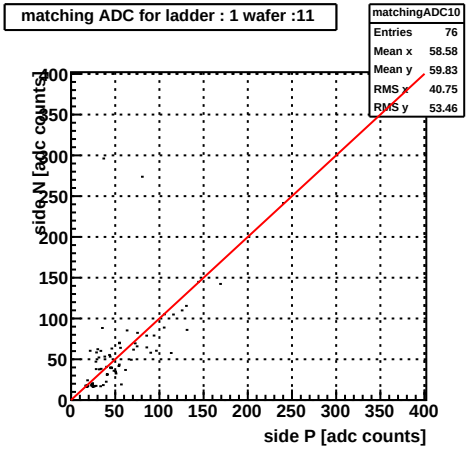

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 316
Mean x 92.47
Mean y 93.52
RMS x 68
RMS y 71.44
side N [adc counts]
side P [adc counts]

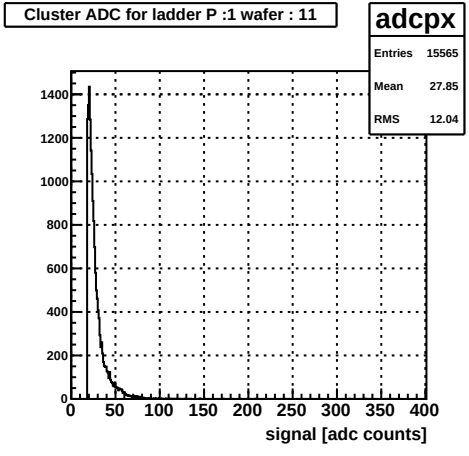

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 2223
Mean 45.42
RMS 35.77
signal [adc counts]

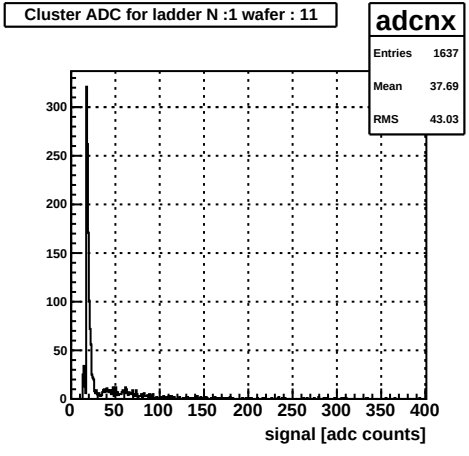

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 1998
Mean 35.7
RMS 48.02
signal [adc counts]

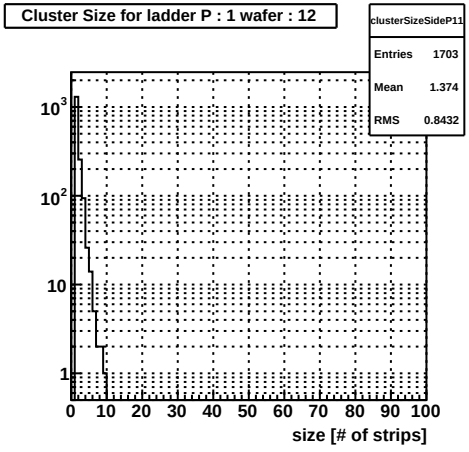

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 15565
Mean 1.062
RMS 0.2609
size [# of strips]

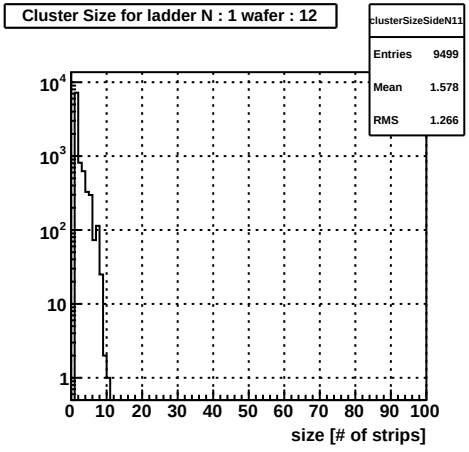

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 1637
Mean 1.205
RMS 0.551
size [# of strips]

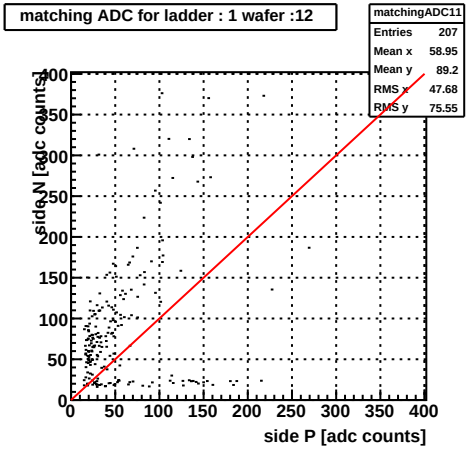

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 76
Mean x 58.58
Mean y 59.83
RMS x 40.75
RMS y 53.46
side N [adc counts]
side P [adc counts]

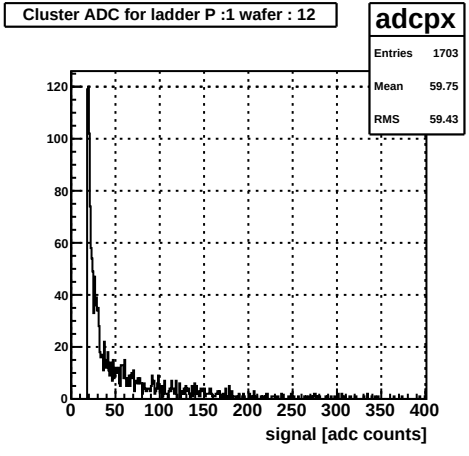

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 15565
Mean 27.85
RMS 12.04
signal [adc counts]

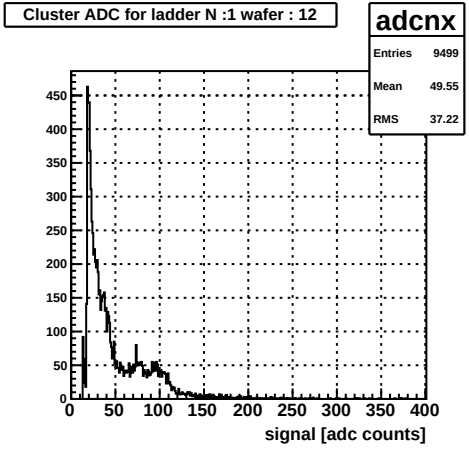

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 1637
Mean 37.69
RMS 43.03
signal [adc counts]

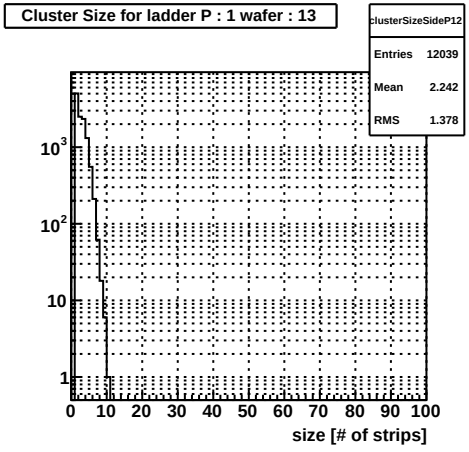

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 1703
Mean 1.374
RMS 0.8432
size [# of strips]

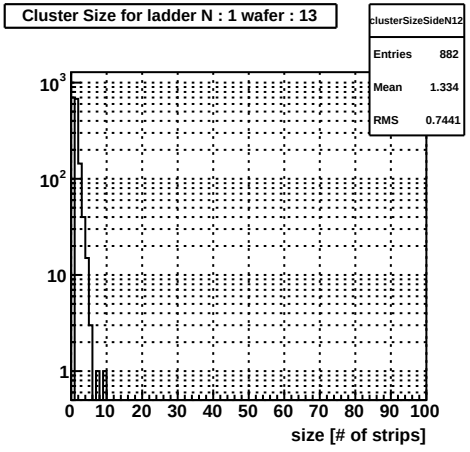

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 9499
Mean 1.578
RMS 1.266
size [# of strips]

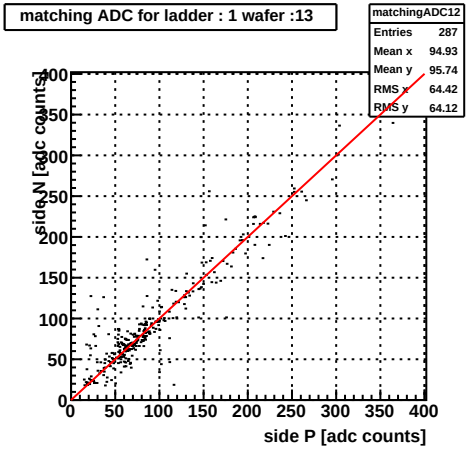

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 207
Mean x 58.95
Mean y 89.2
RMS x 47.68
RMS y 75.55
side N [adc counts]
side P [adc counts]

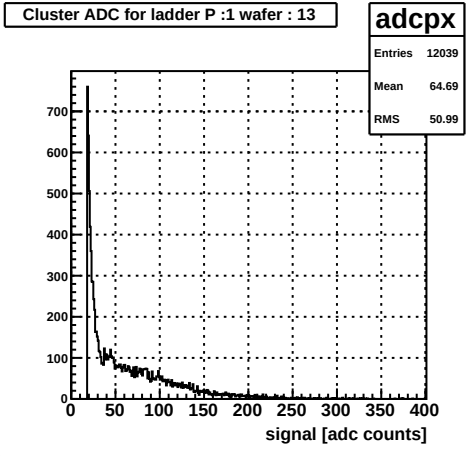

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 1703
Mean 59.75
RMS 59.43
signal [adc counts]

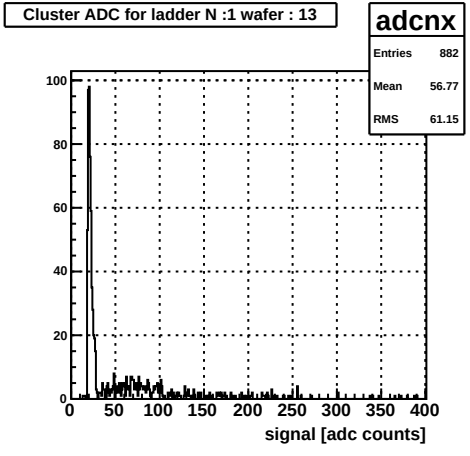

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 9499
Mean 49.55
RMS 37.22
signal [adc counts]

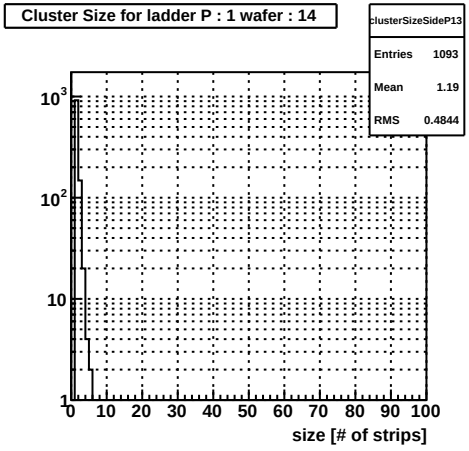

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 12039
Mean 2.242
RMS 1.378
size [# of strips]

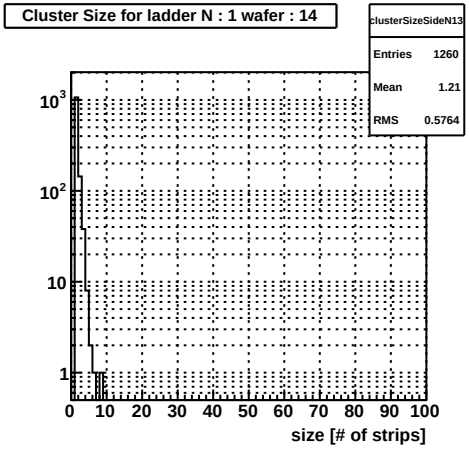

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 882
Mean 1.334
RMS 0.7441
size [# of strips]

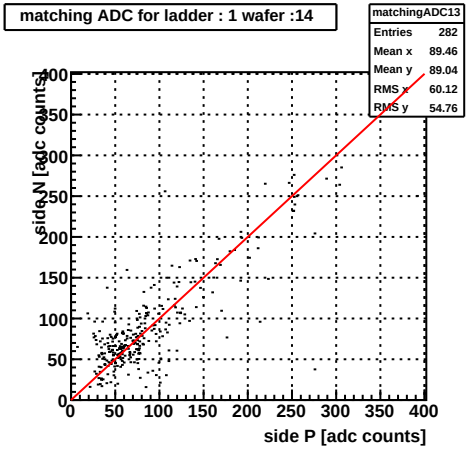

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 287
Mean x 94.93
Mean y 95.74
RMS x 64.42
RMS y 64.12
side N [adc counts]
side P [adc counts]

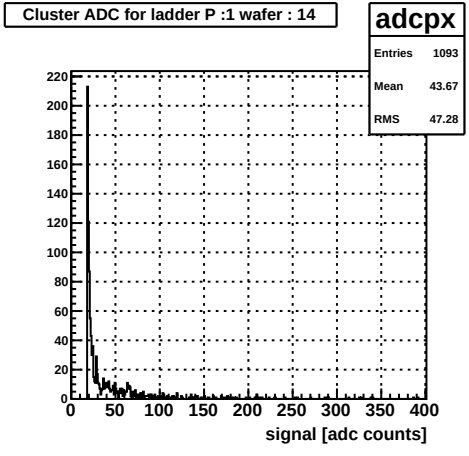

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 12039
Mean 64.69
RMS 50.99
signal [adc counts]

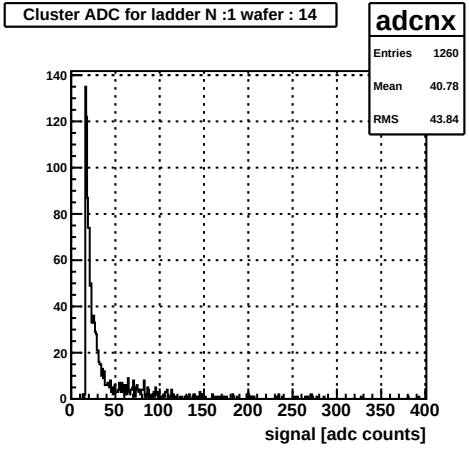

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 882
Mean 56.77
RMS 61.15
signal [adc counts]

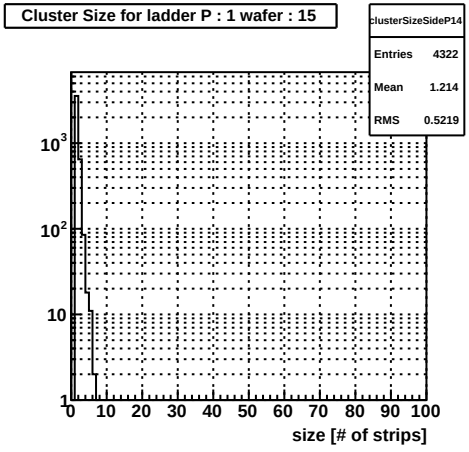

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 1093
Mean 1.19
RMS 0.4844
size [# of strips]

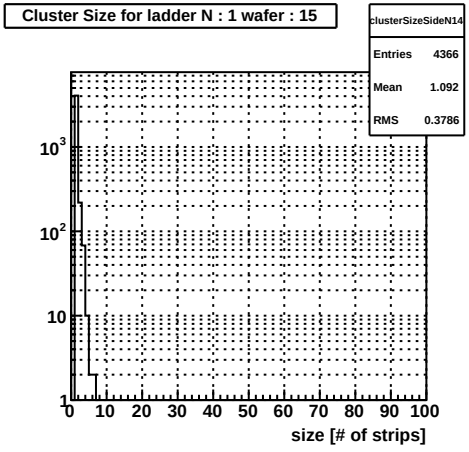

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 1260
Mean 1.21
RMS 0.5764
size [# of strips]

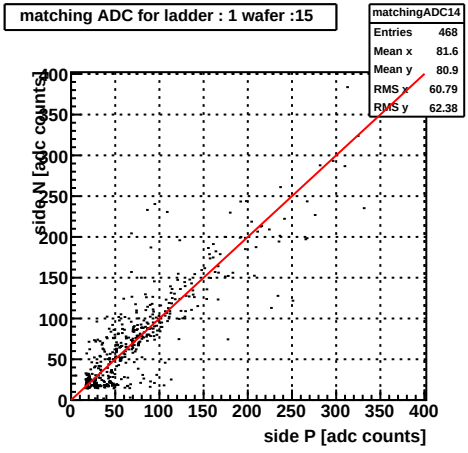

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 282
Mean x 89.46
Mean y 89.04
RMS x 60.12
RMS y 54.76
side N [adc counts]
side P [adc counts]

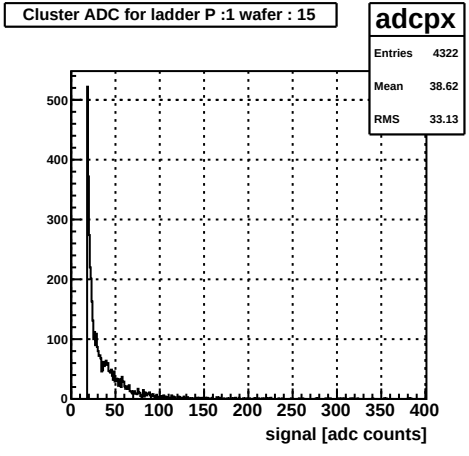

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 1093
Mean 43.67
RMS 47.28
signal [adc counts]

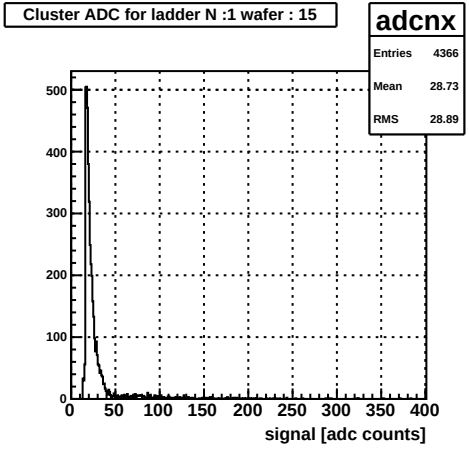

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 1260
Mean 40.78
RMS 43.84
signal [adc counts]

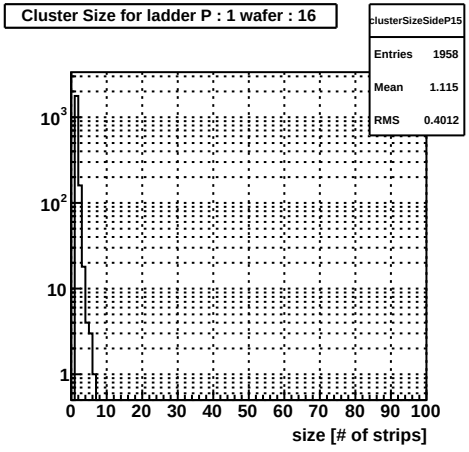

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 4322
Mean 1.214
RMS 0.5219
size [# of strips]

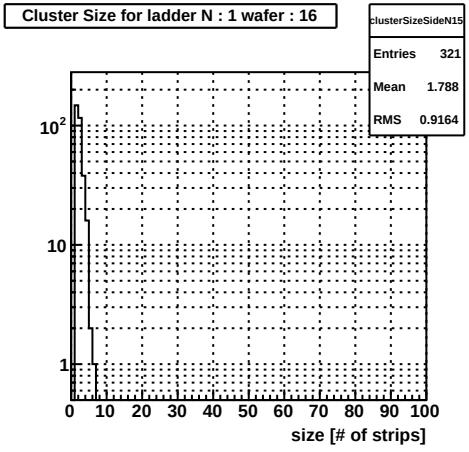

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 4366
Mean 1.092
RMS 0.3786
size [# of strips]

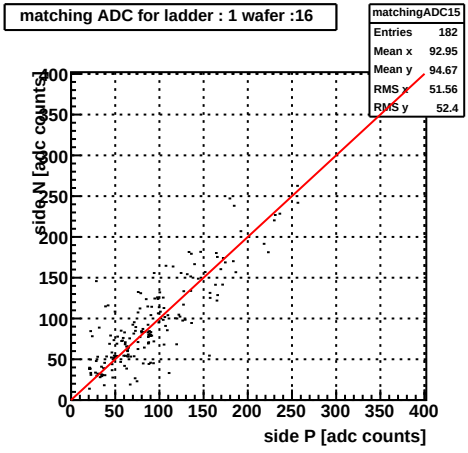

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 468
Mean x 81.6
Mean y 80.9
RMS x 60.79
RMS y 62.38
side N [adc counts]
side P [adc counts]

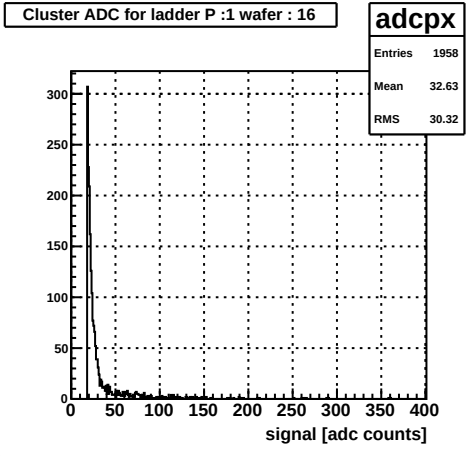

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 4322
Mean 38.62
RMS 33.13
signal [adc counts]

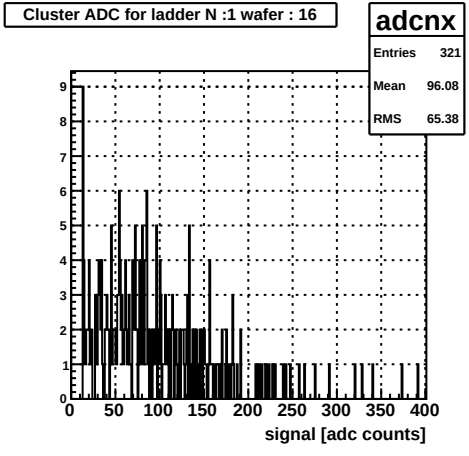

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 4366
Mean 28.73
RMS 28.89
signal [adc counts]

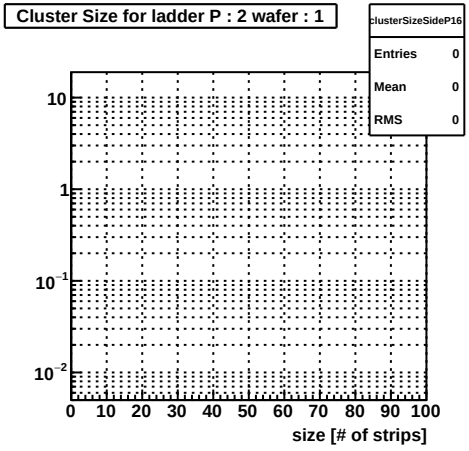

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 1958
Mean 1.115
RMS 0.4012
size [# of strips]

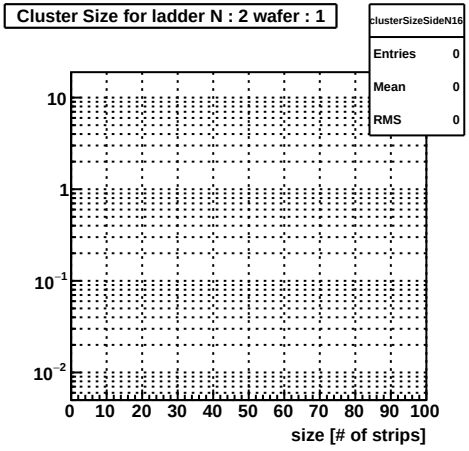

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 321
Mean 1.788
RMS 0.9164
size [# of strips]

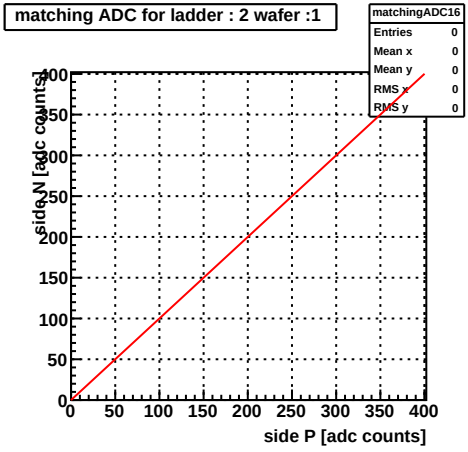

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 182
Mean x 92.95
Mean y 94.67
RMS x 51.56
RMS y 52.4
side N [adc counts]
side P [adc counts]

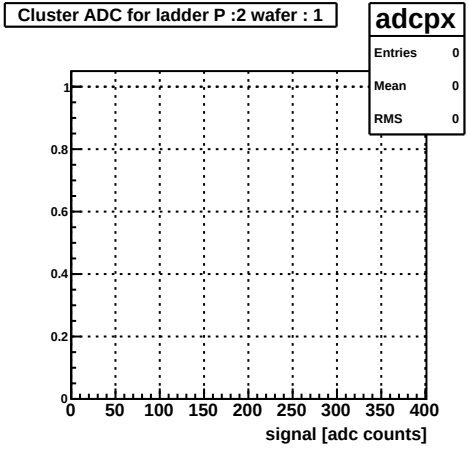

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 1958
Mean 32.63
RMS 30.32
signal [adc counts]

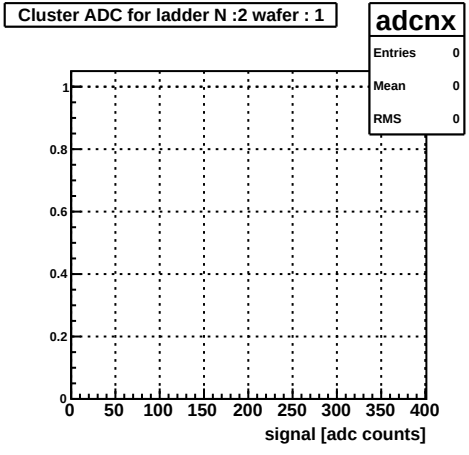

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 321
Mean 96.08
RMS 65.38
signal [adc counts]

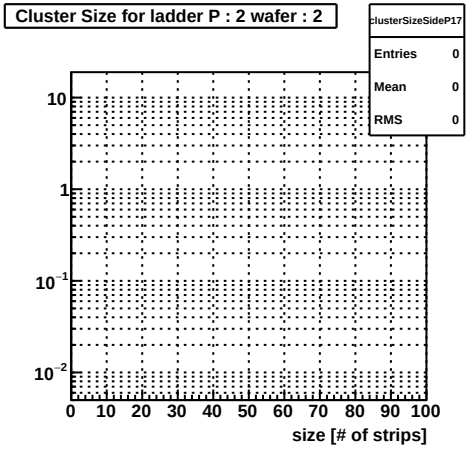

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

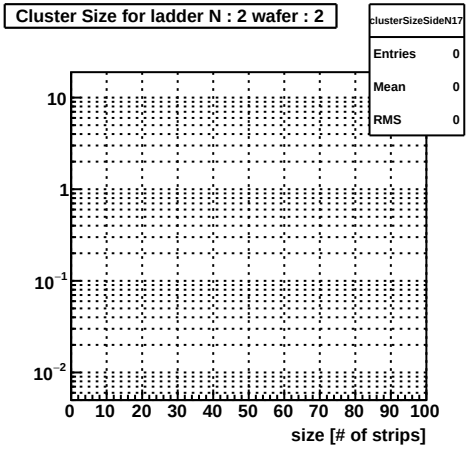

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

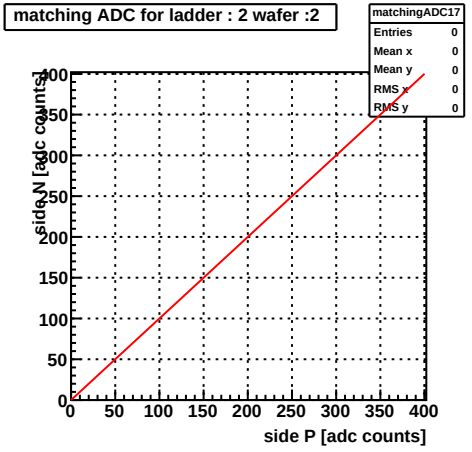

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

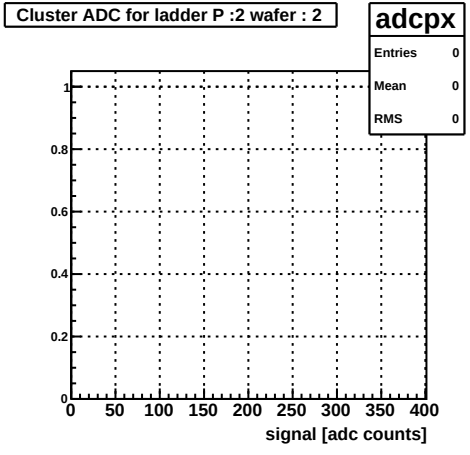

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

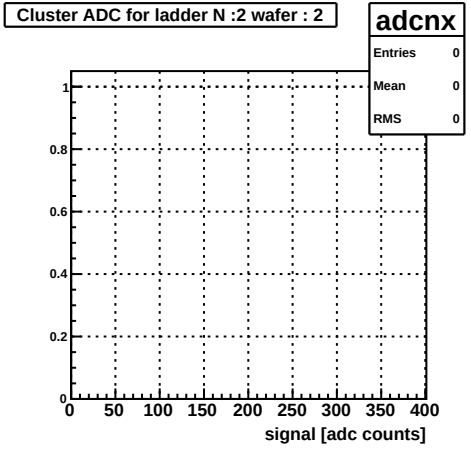

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

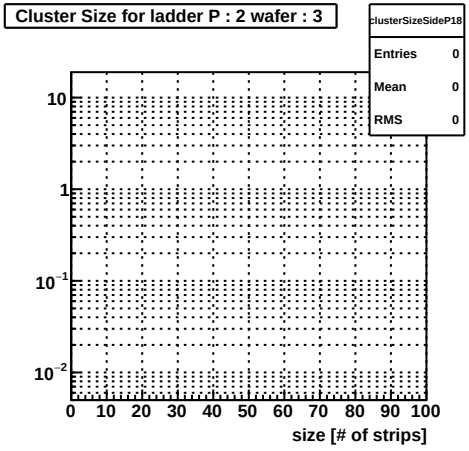

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

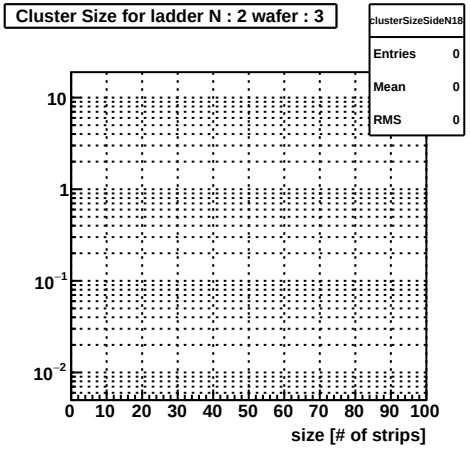

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

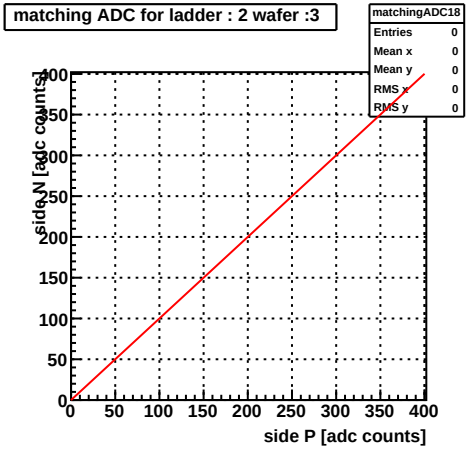

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

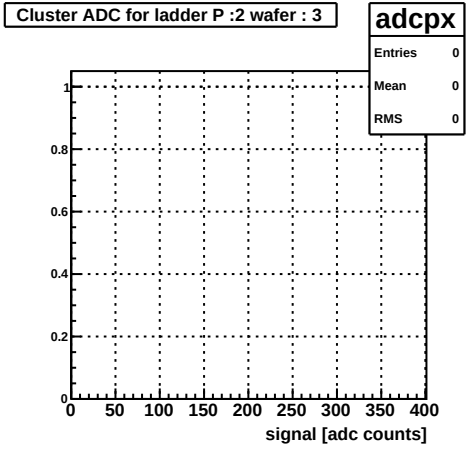

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

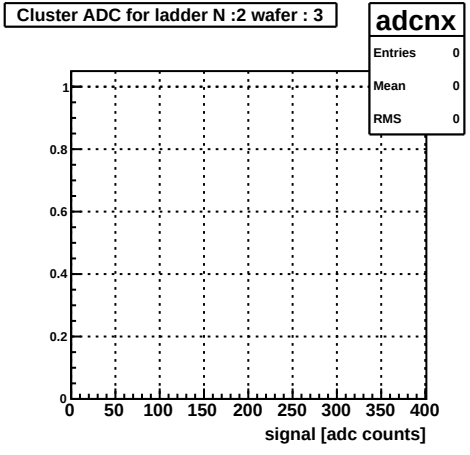

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

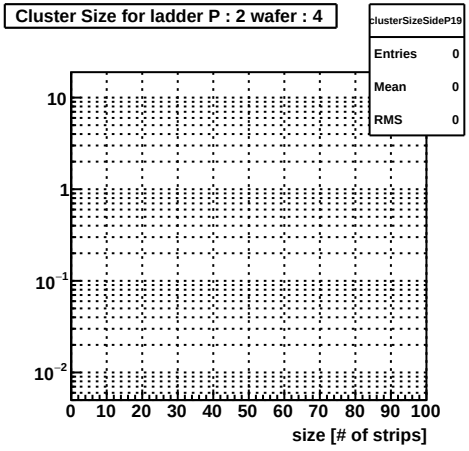

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

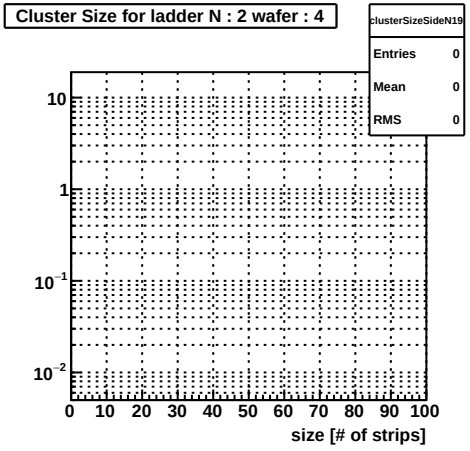

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

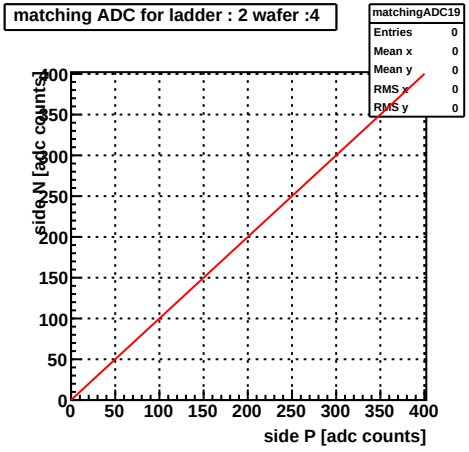

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

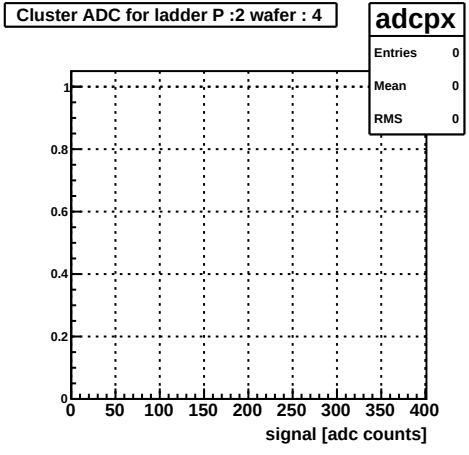

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

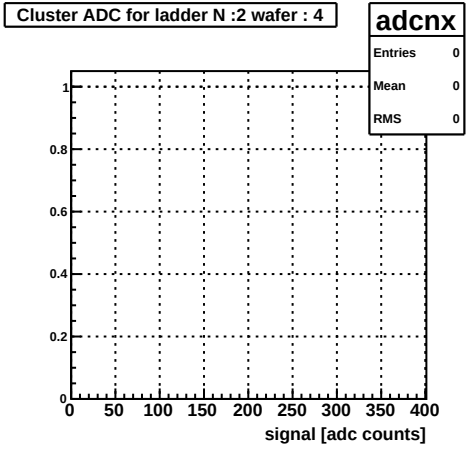

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

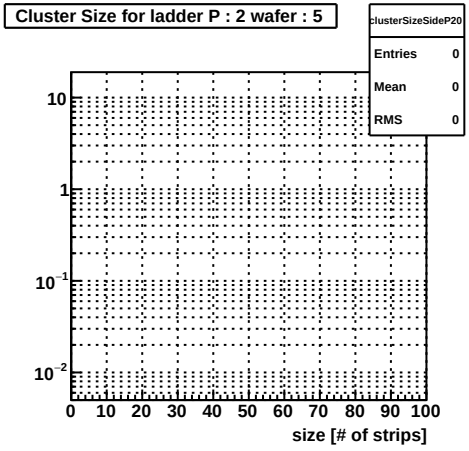

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

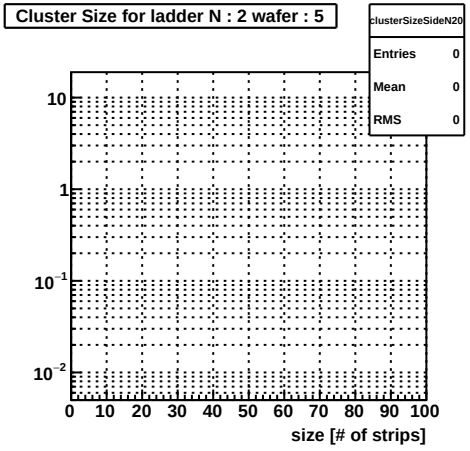

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

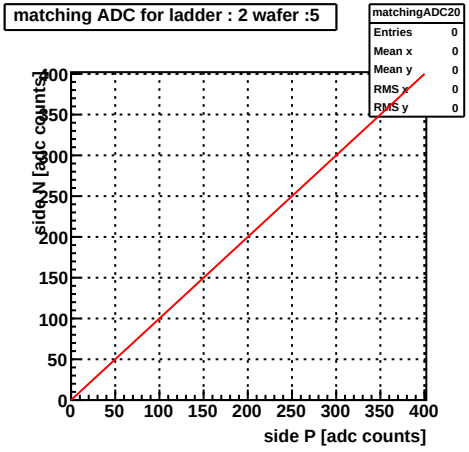

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

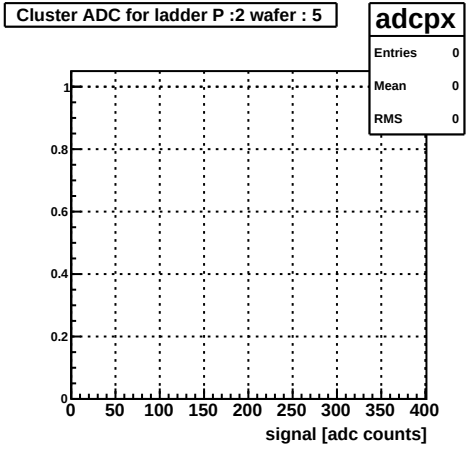

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

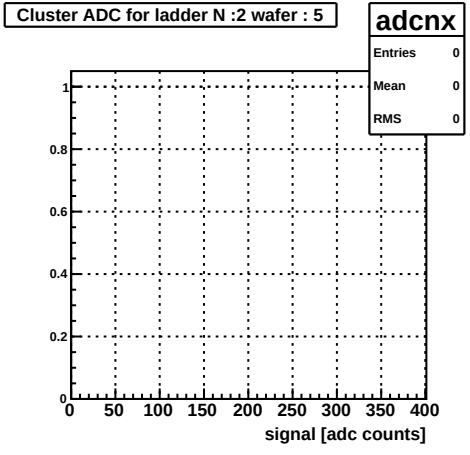

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

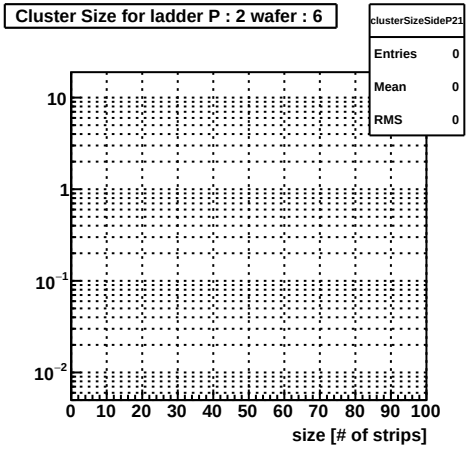

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

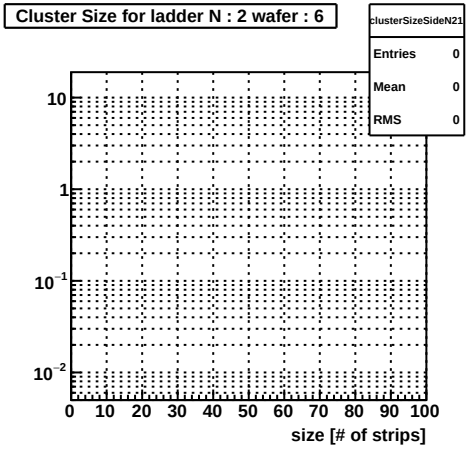

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

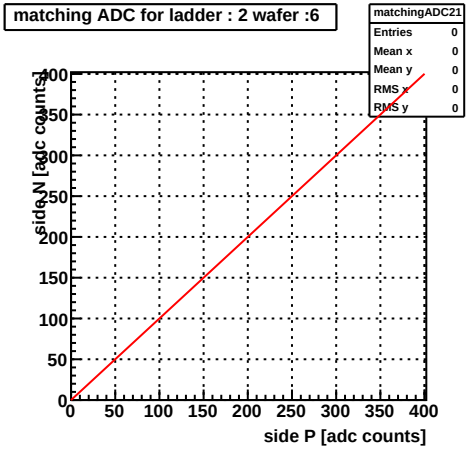

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

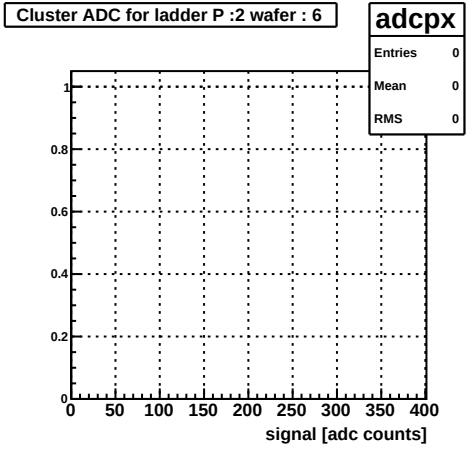

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

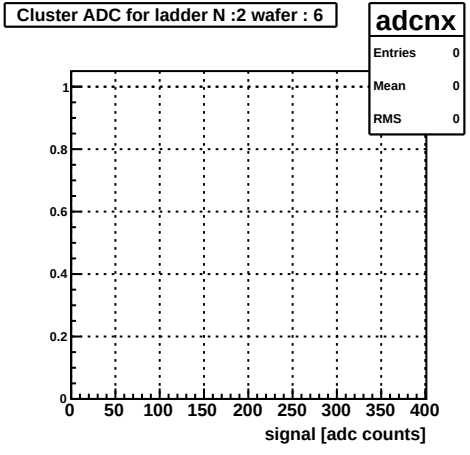

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

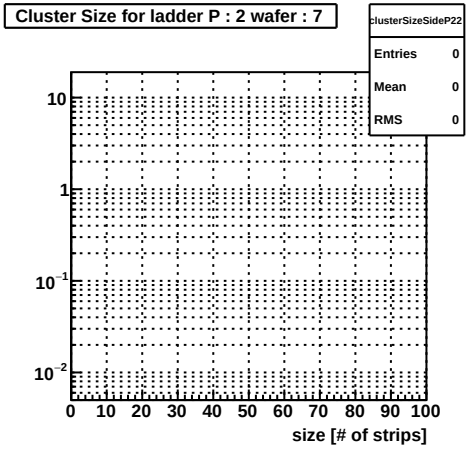

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

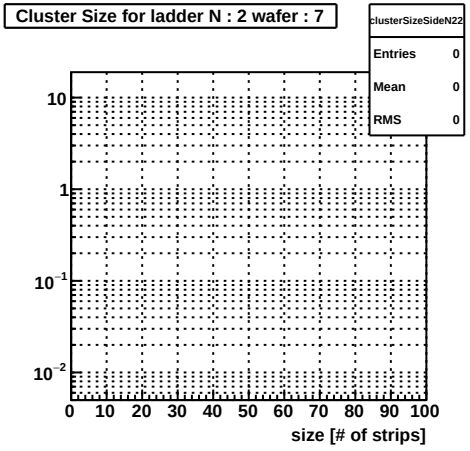

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

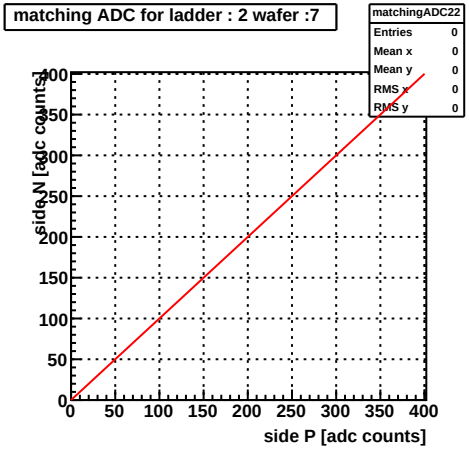

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

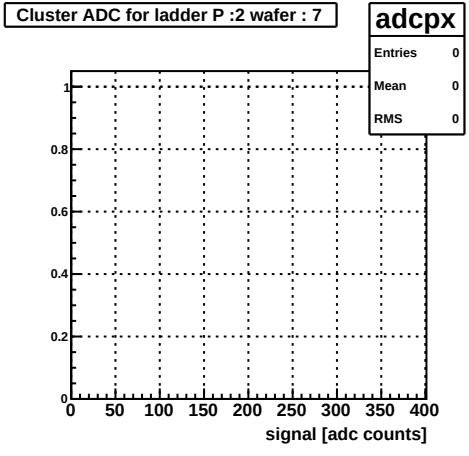

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

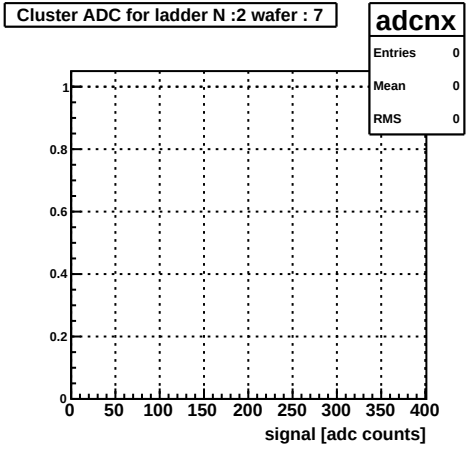

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

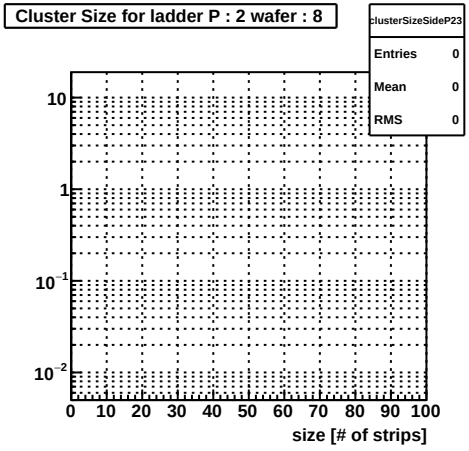

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

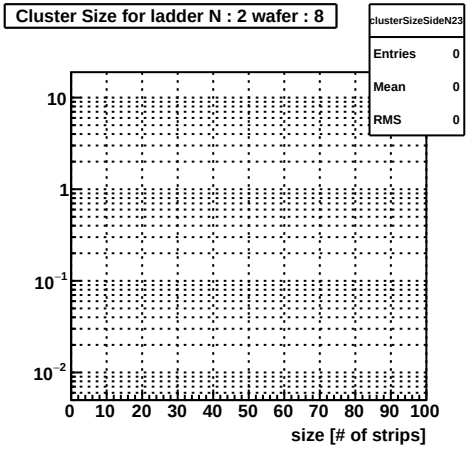

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

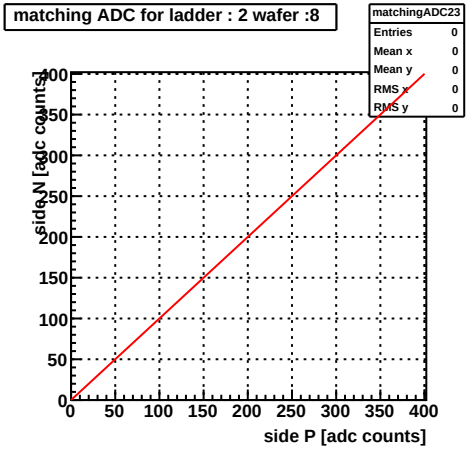

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

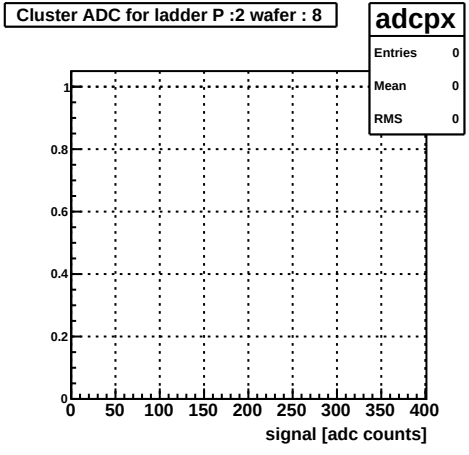

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

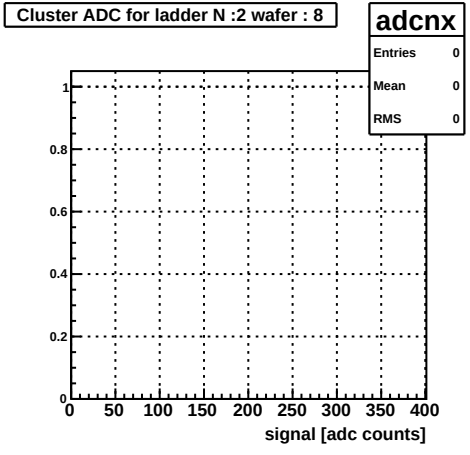

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

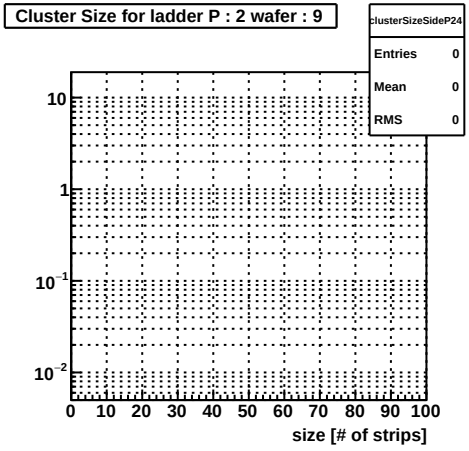

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

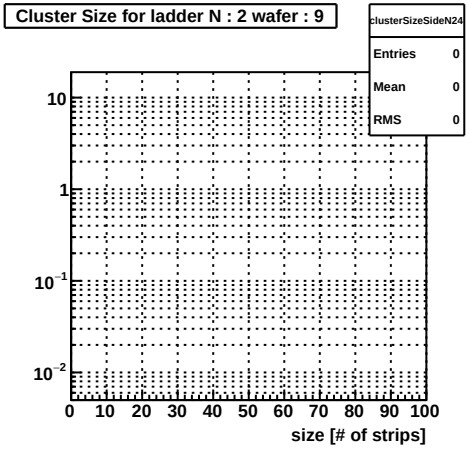

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

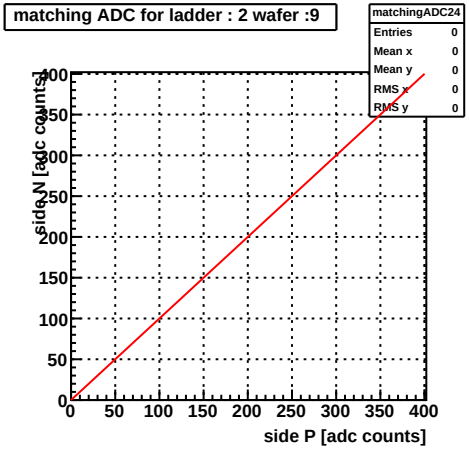

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

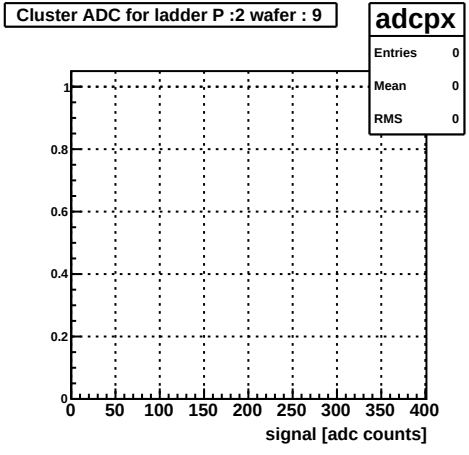

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

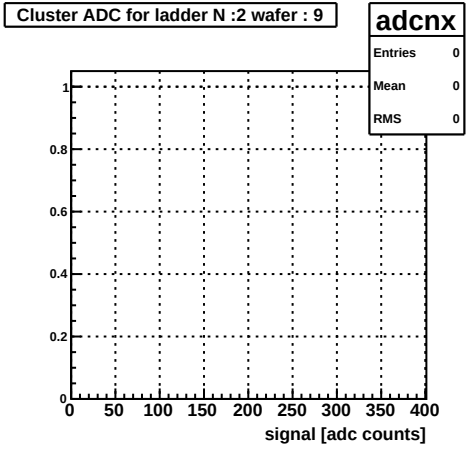

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

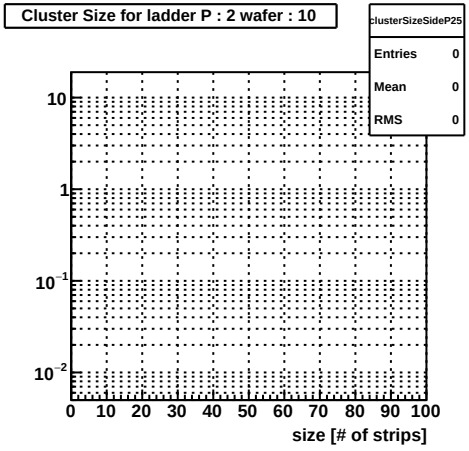

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

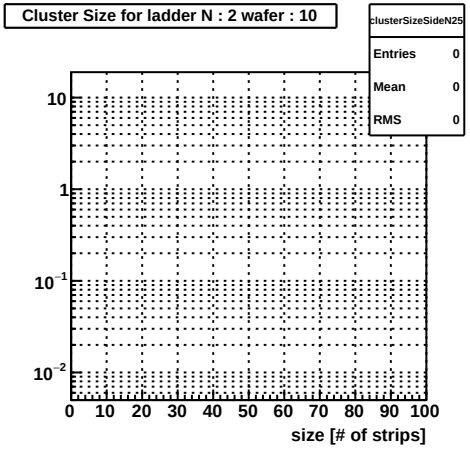

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

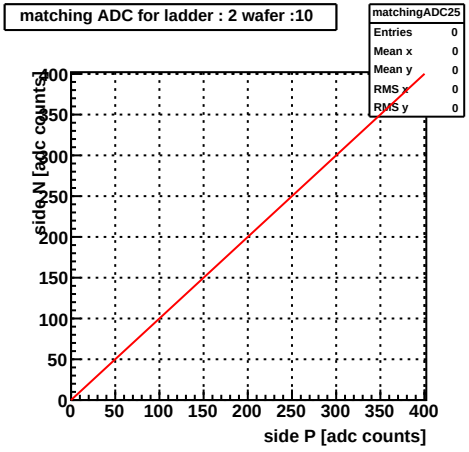

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

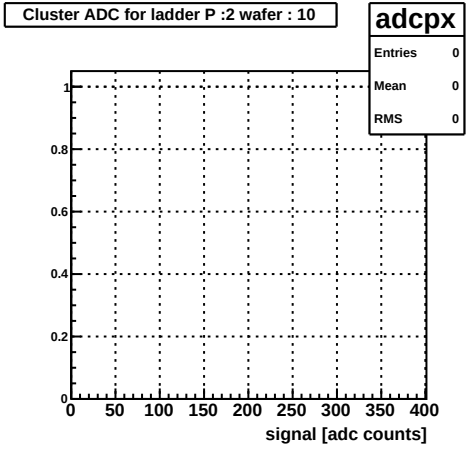

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

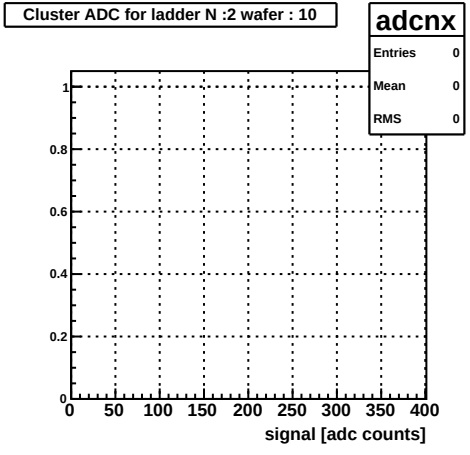

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

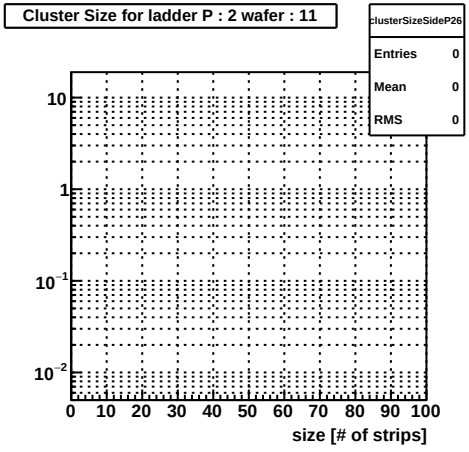

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

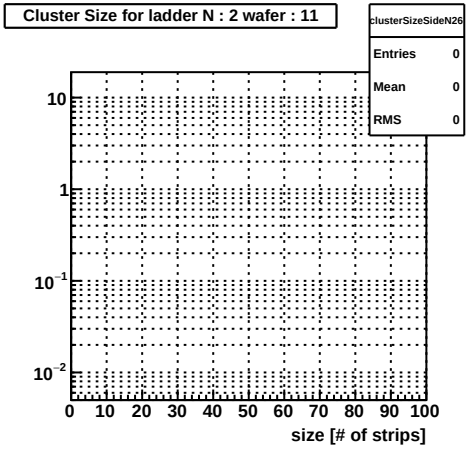

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

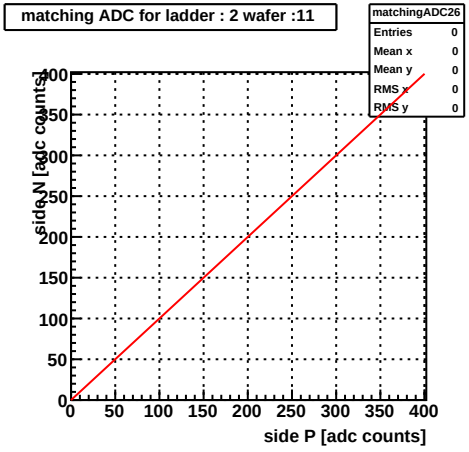

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

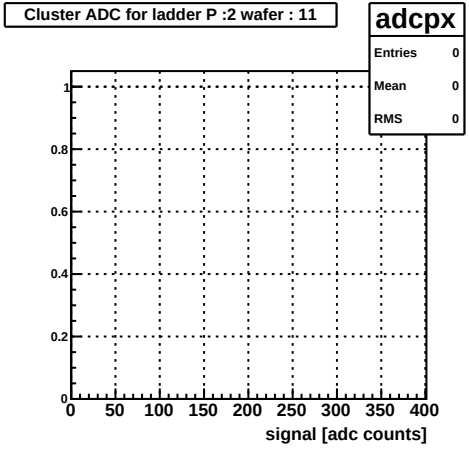

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

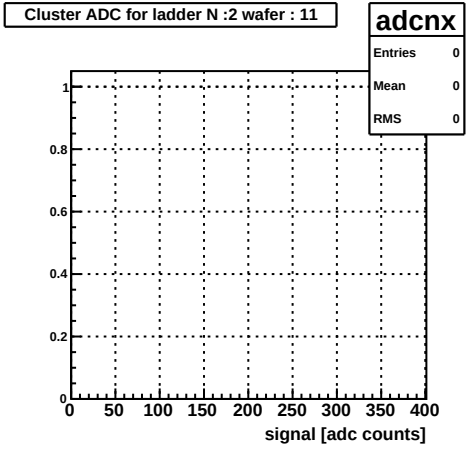

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

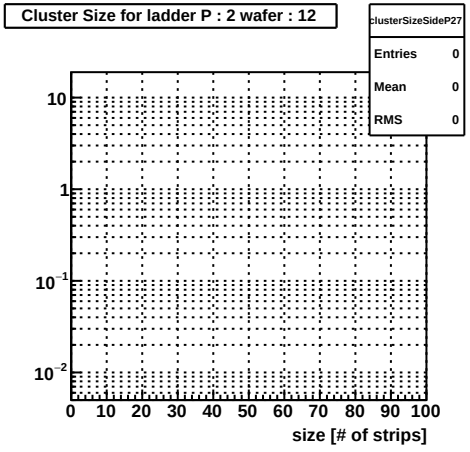

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

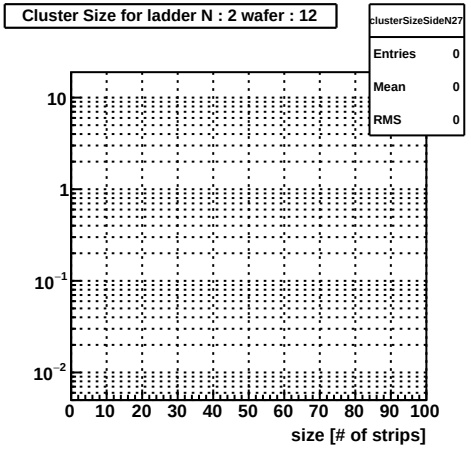

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

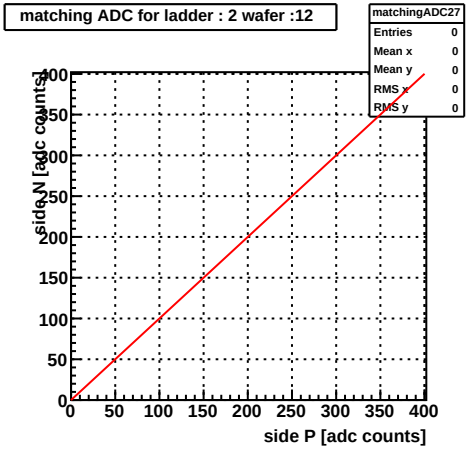

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

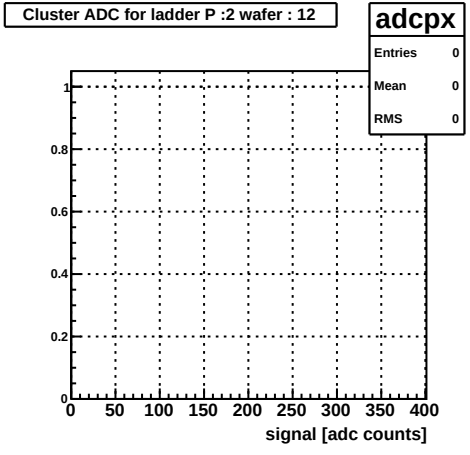

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

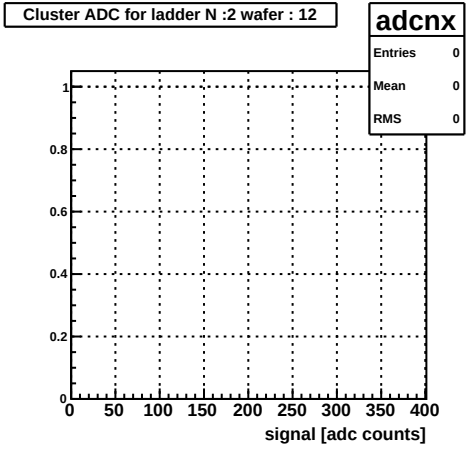

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

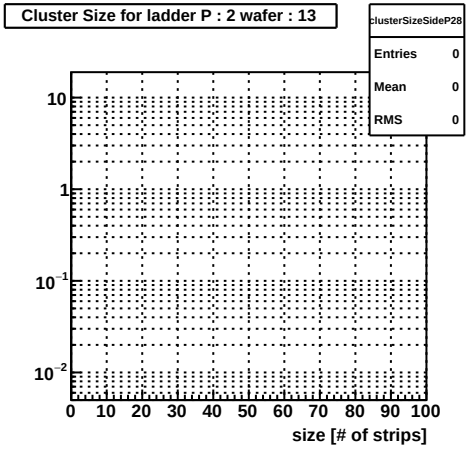

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

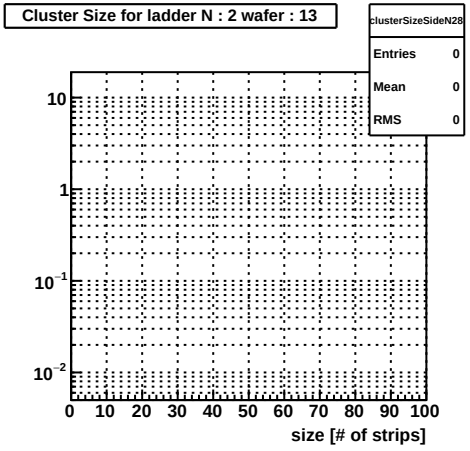

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

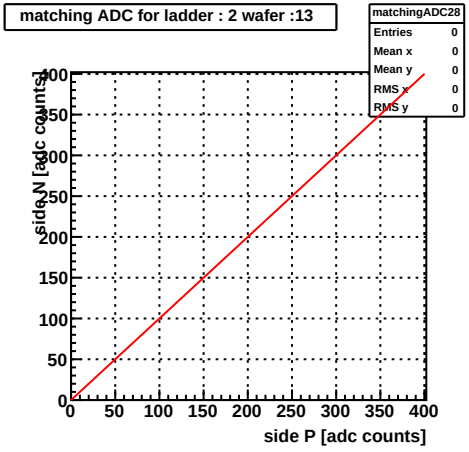

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

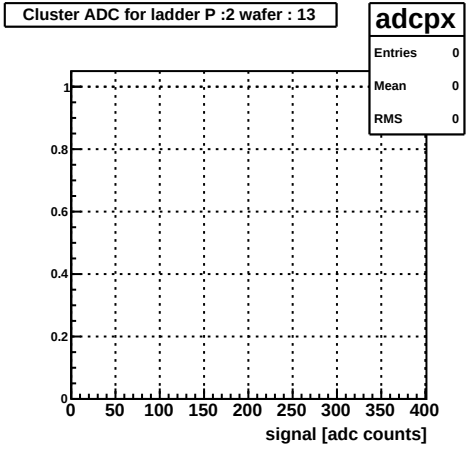

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

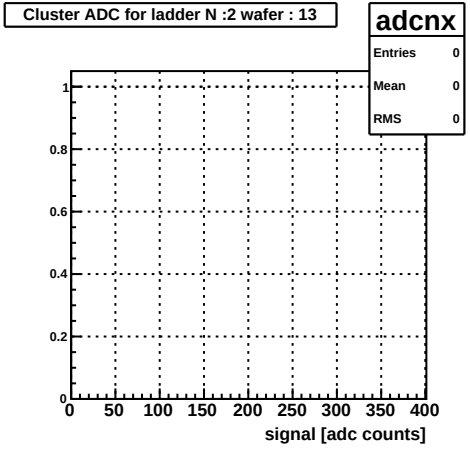

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

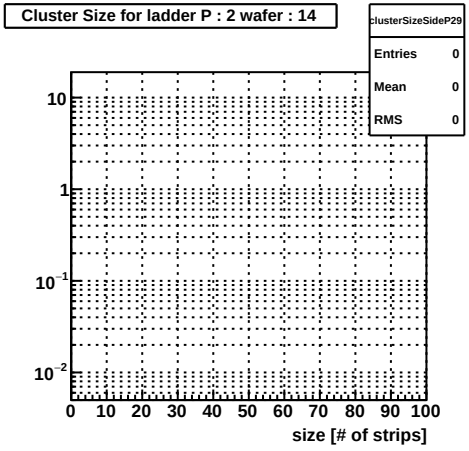

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

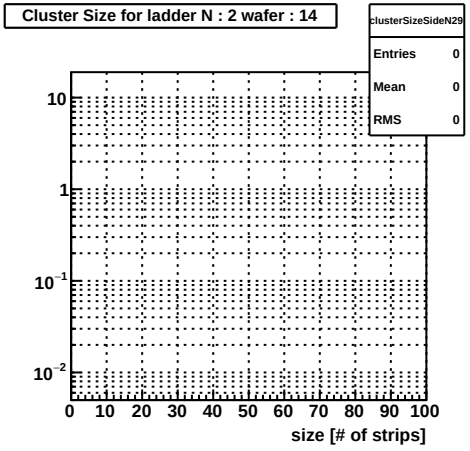

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

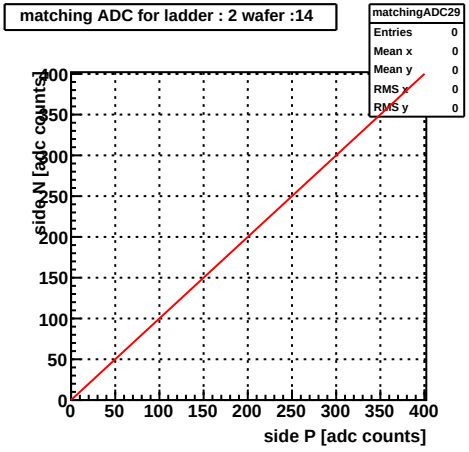

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

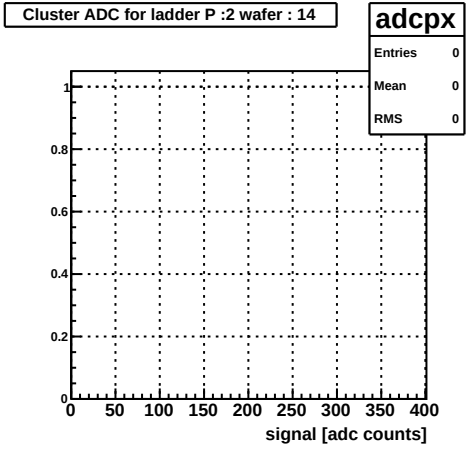

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

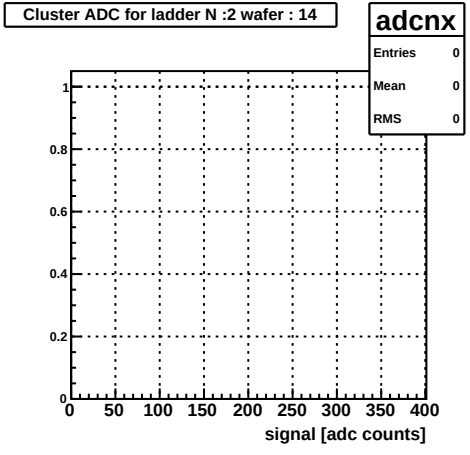

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

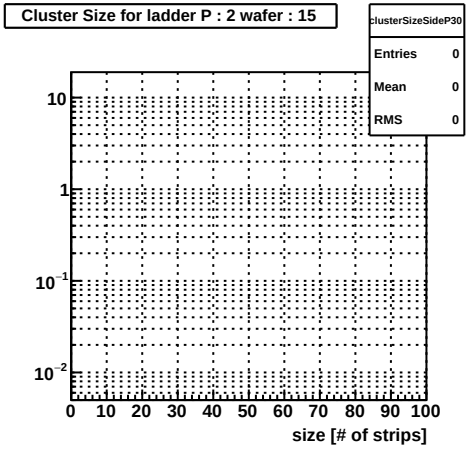

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

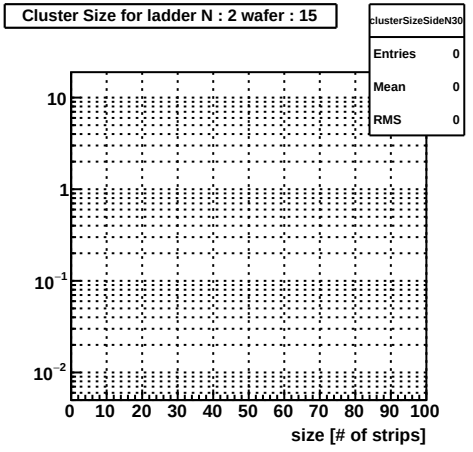

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

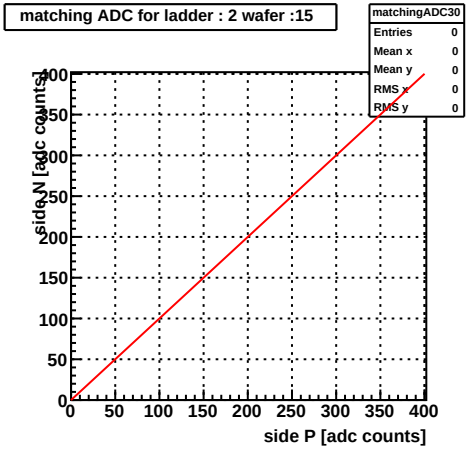

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

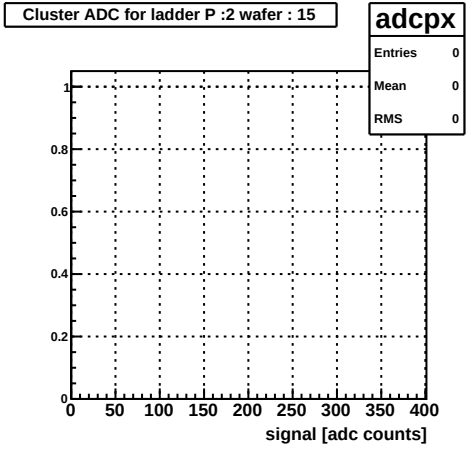

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

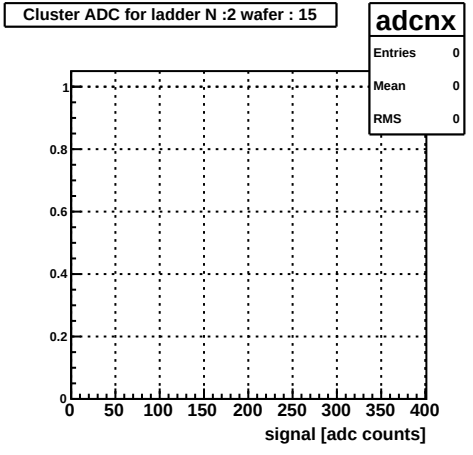

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

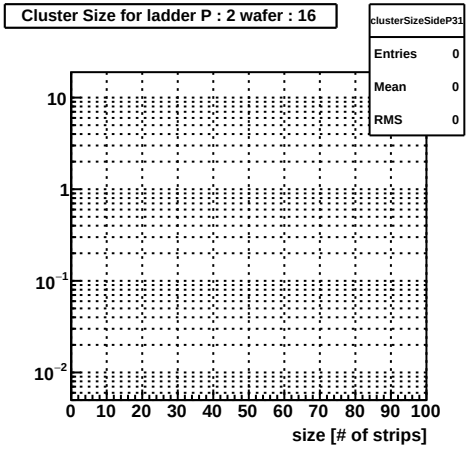

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

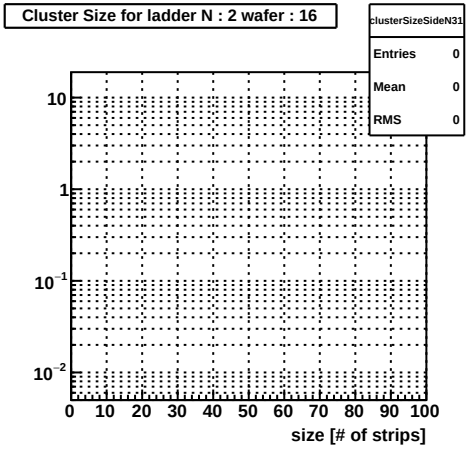

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

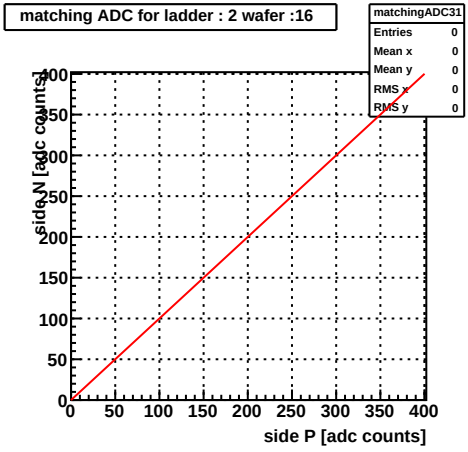

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

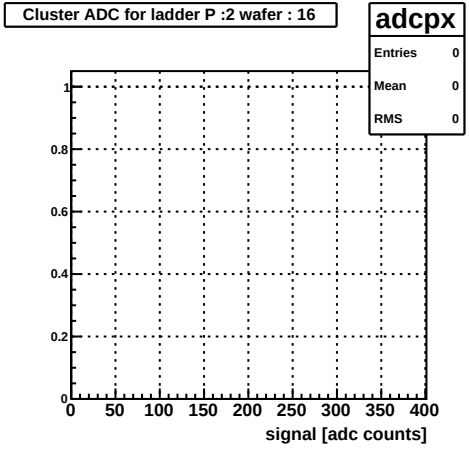

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

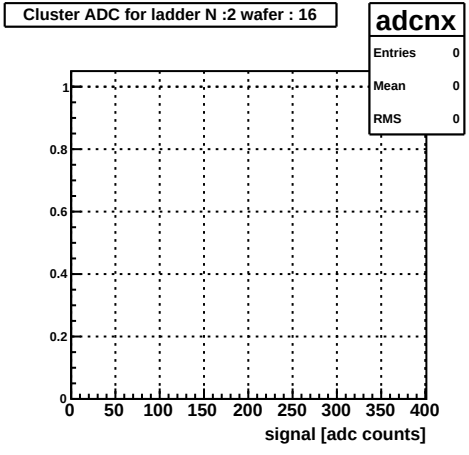

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

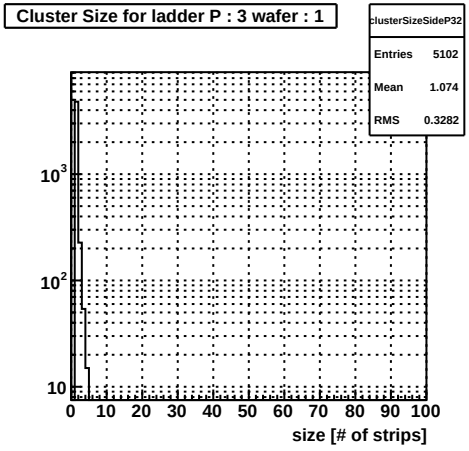

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

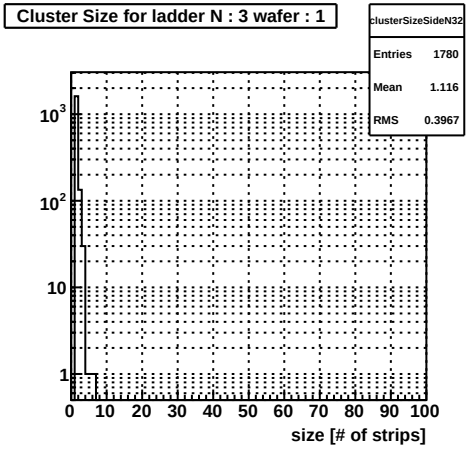

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

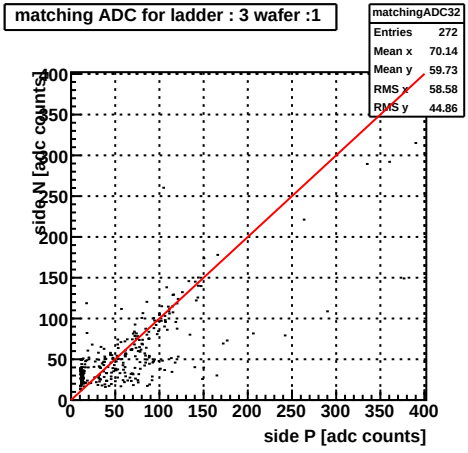

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

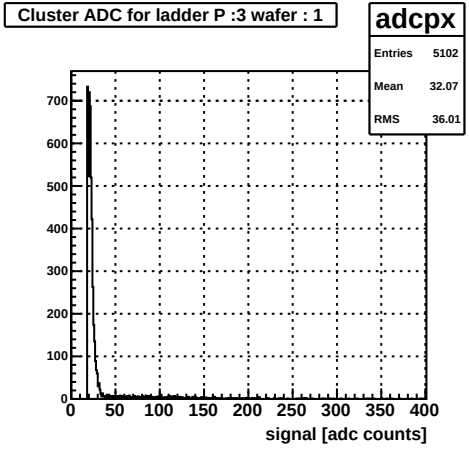

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

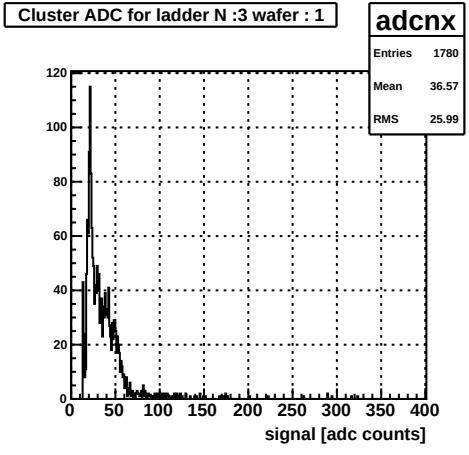

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

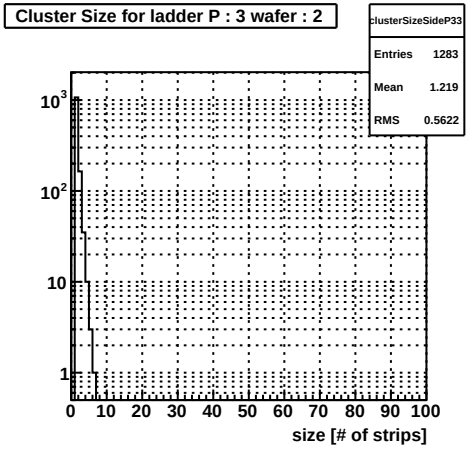

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 5102
Mean 1.074
RMS 0.3282
size [# of strips]

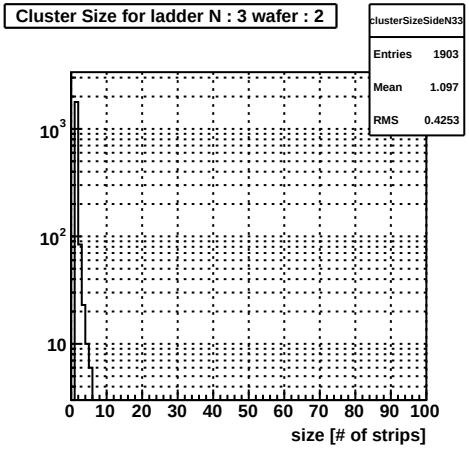

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 1780
Mean 1.116
RMS 0.3967
size [# of strips]

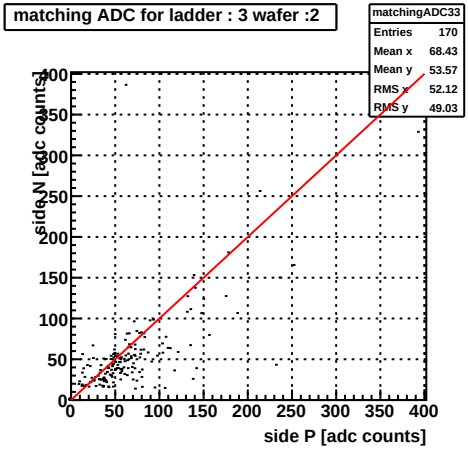

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 272
Mean x 70.14
Mean y 59.73
RMS x 58.58
RMS y 44.86
side N [adc counts]
side P [adc counts]

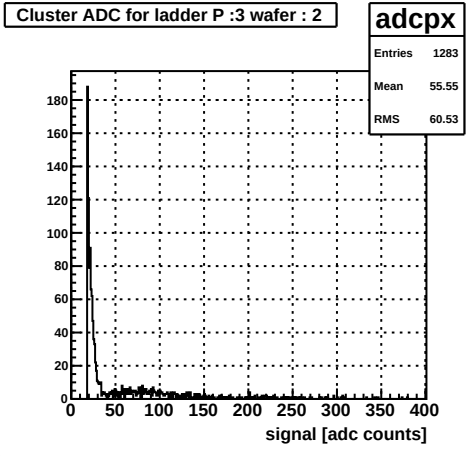

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 5102
Mean 32.07
RMS 36.01
signal [adc counts]

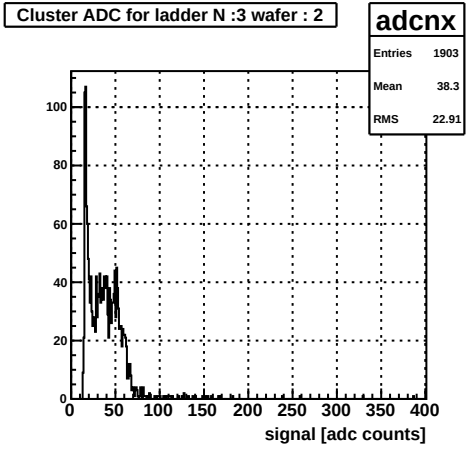

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 1780
Mean 36.57
RMS 25.99
signal [adc counts]

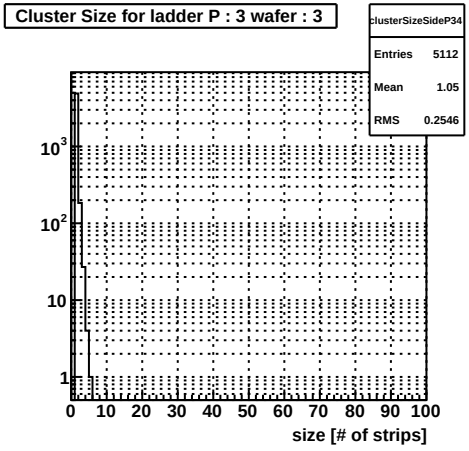

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 1283
Mean 1.219
RMS 0.5622
size [# of strips]

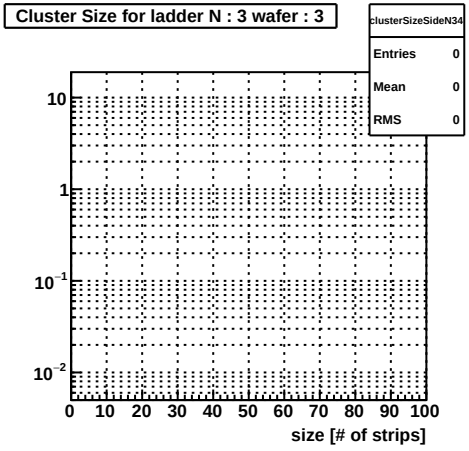

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 1903
Mean 1.097
RMS 0.4253
size [# of strips]

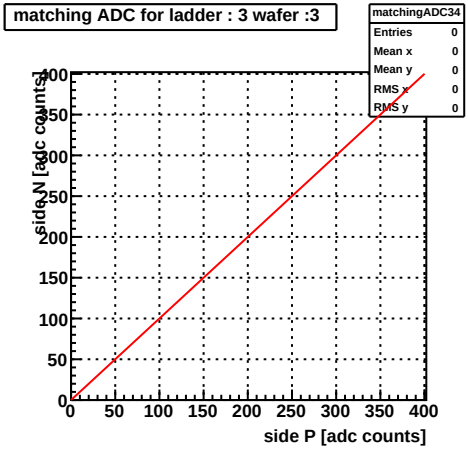

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 170
Mean x 68.43
Mean y 53.57
RMS x 52.12
RMS y 49.03
side N [adc counts]
side P [adc counts]

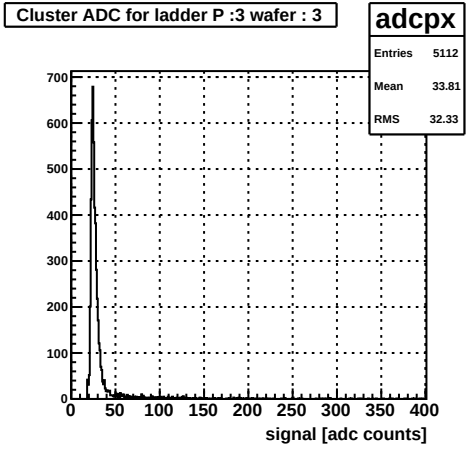

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 1283
Mean 55.55
RMS 60.53
signal [adc counts]

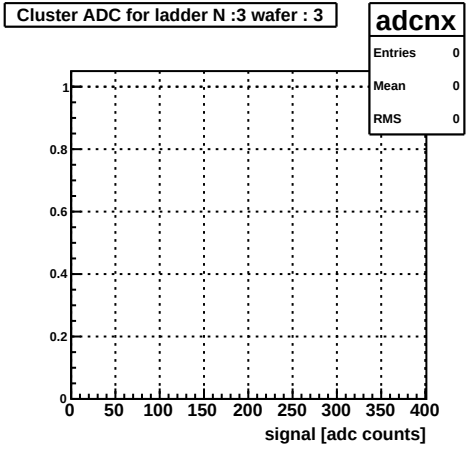

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 1903
Mean 38.3
RMS 22.91
signal [adc counts]

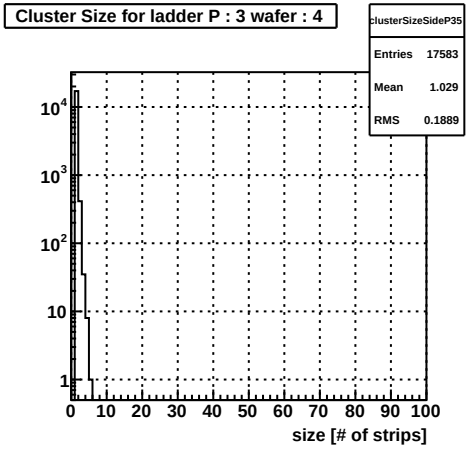

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 5112
Mean 1.05
RMS 0.2546
size [# of strips]

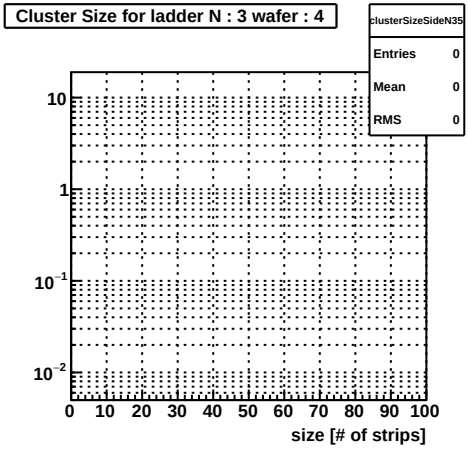

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

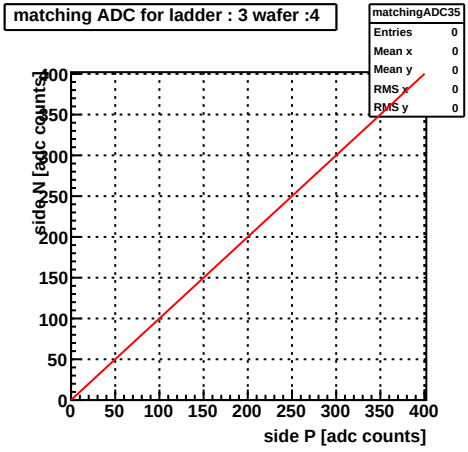

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

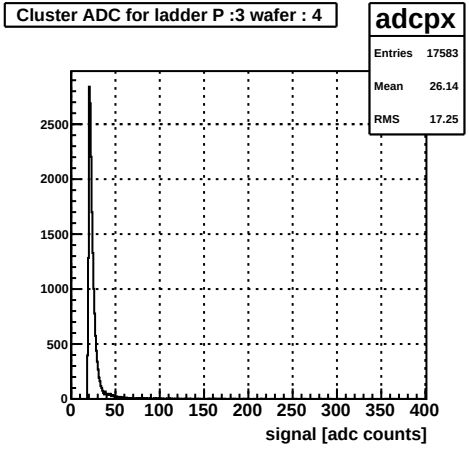

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 5112
Mean 33.81
RMS 32.33
signal [adc counts]

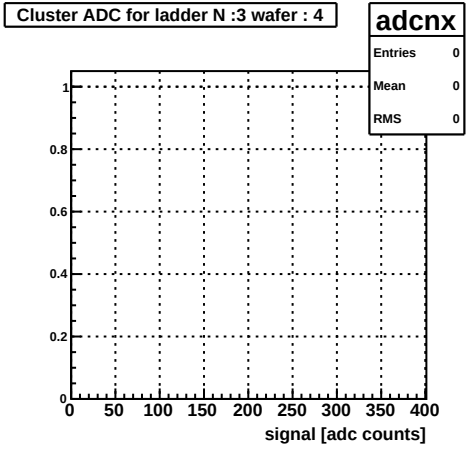

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

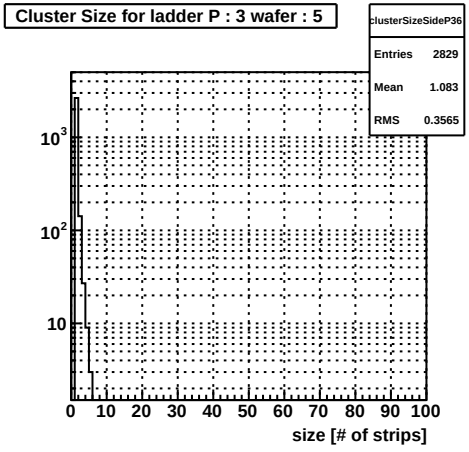

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 17583
Mean 1.029
RMS 0.1889
size [# of strips]

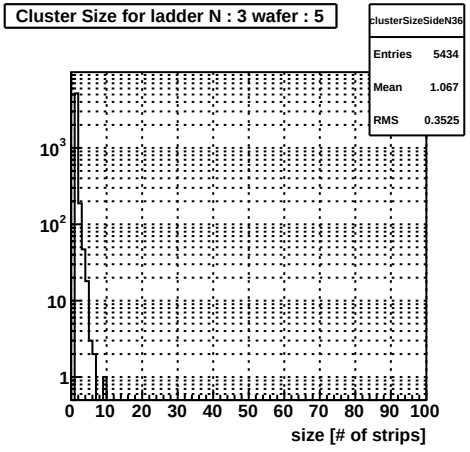

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

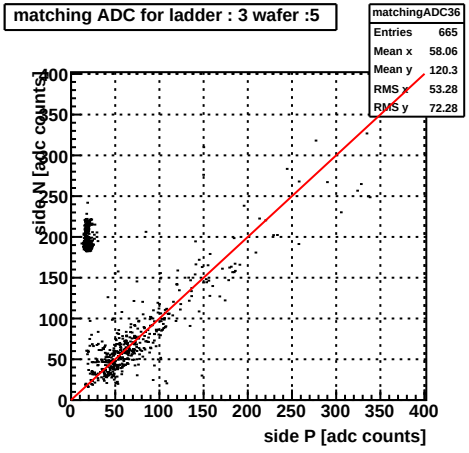

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

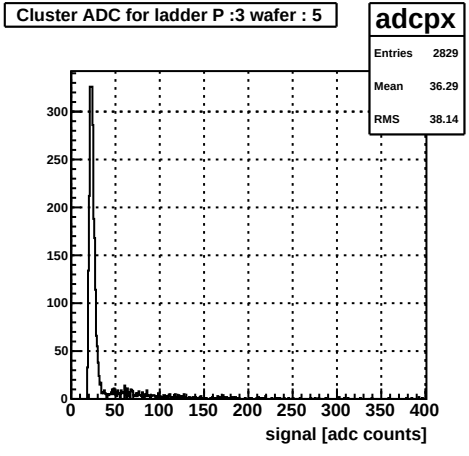

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 17583
Mean 26.14
RMS 17.25
signal [adc counts]

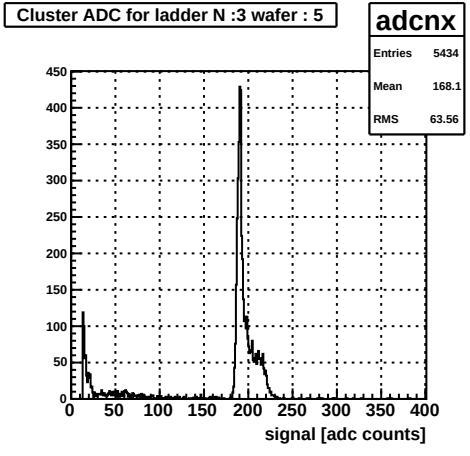

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

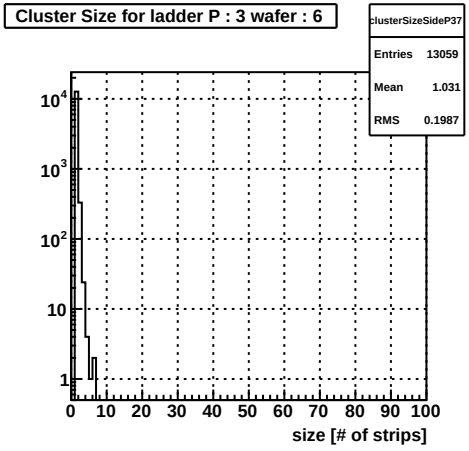

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 2829
Mean 1.083
RMS 0.3565
size [# of strips]

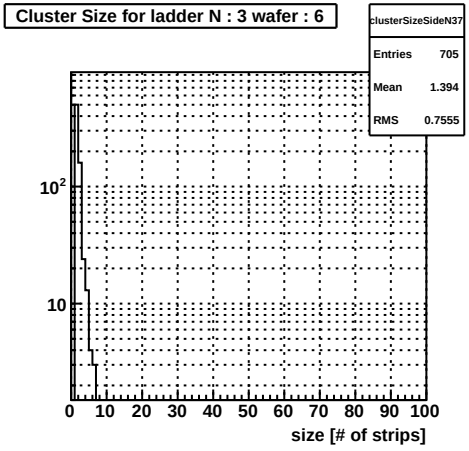

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 5434
Mean 1.067
RMS 0.3525
size [# of strips]

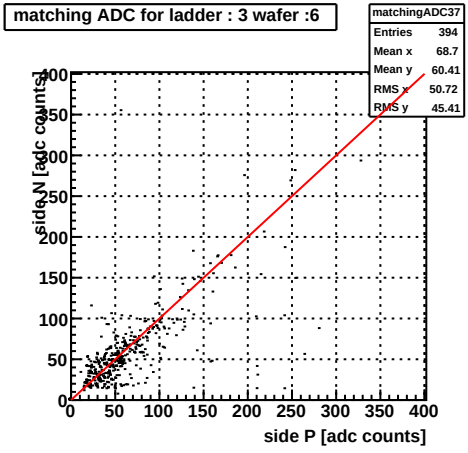

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 665
Mean x 58.06
Mean y 120.3
RMS x 53.28
RMS y 72.28
side N [adc counts]
side P [adc counts]

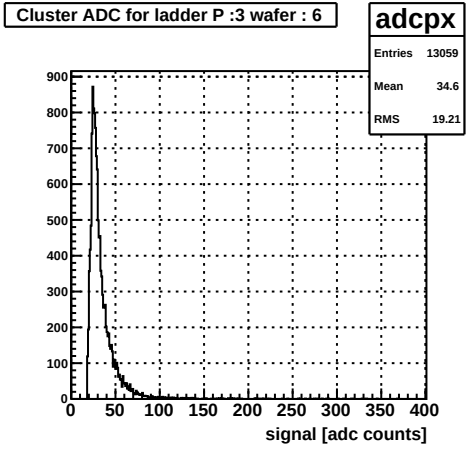

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 2829
Mean 36.29
RMS 38.14
signal [adc counts]

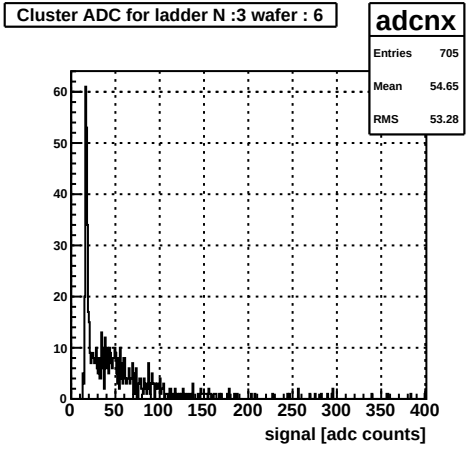

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 5434
Mean 168.1
RMS 63.56
signal [adc counts]

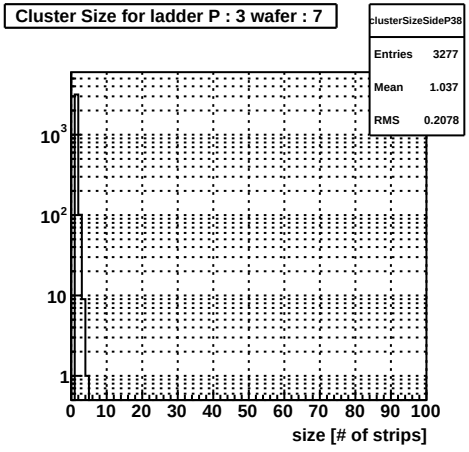

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 13059
Mean 1.031
RMS 0.1987
size [# of strips]

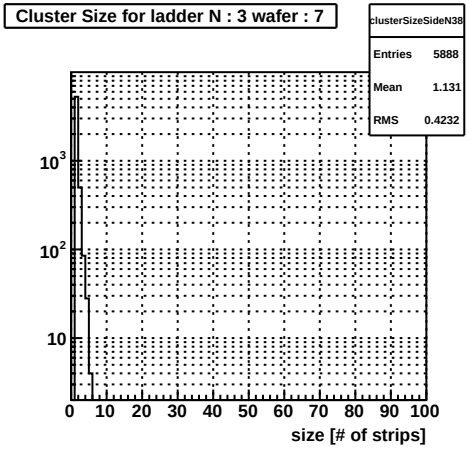

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 705
Mean 1.394
RMS 0.7555
size [# of strips]

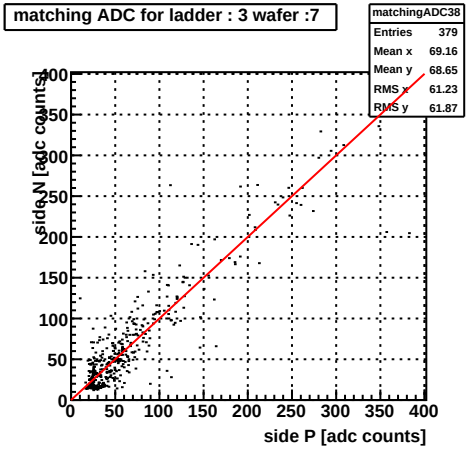

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 394
Mean x 68.7
Mean y 60.41
RMS x 50.72
RMS y 45.41
side N [adc counts]
side P [adc counts]

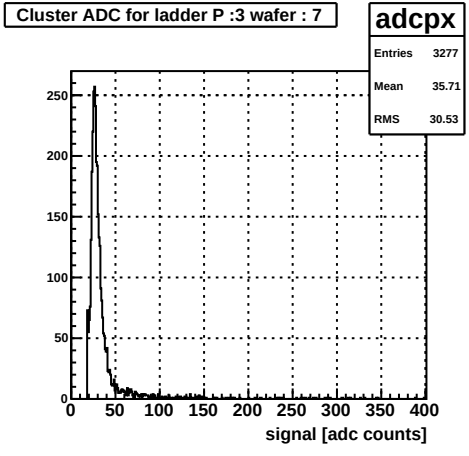

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 13059
Mean 34.6
RMS 19.21
signal [adc counts]

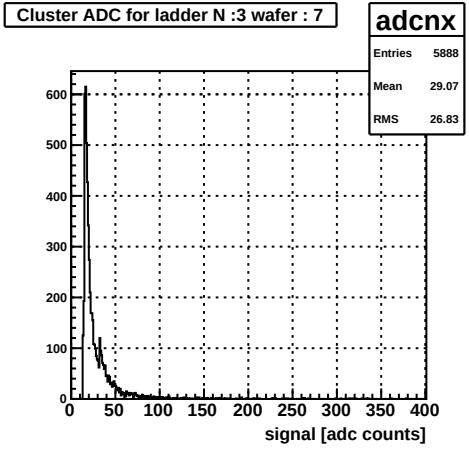

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 705
Mean 54.65
RMS 53.28
signal [adc counts]

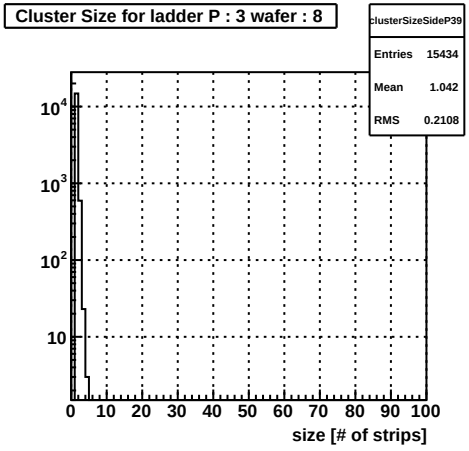

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 3277
Mean 1.037
RMS 0.2078
size [# of strips]

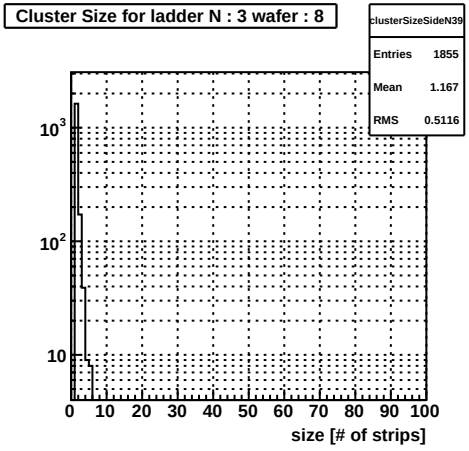

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 5888
Mean 1.131
RMS 0.4232
size [# of strips]

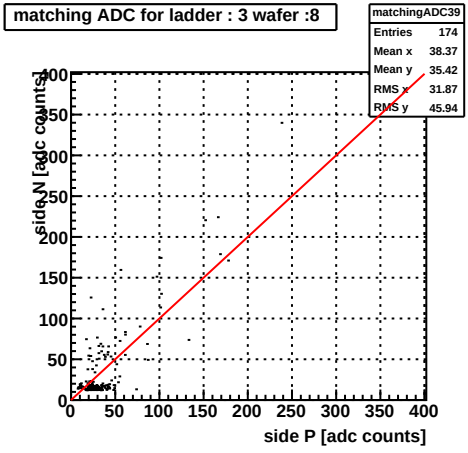

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 379
Mean x 69.16
Mean y 68.65
RMS x 61.23
RMS y 61.87
side N [adc counts]
side P [adc counts]

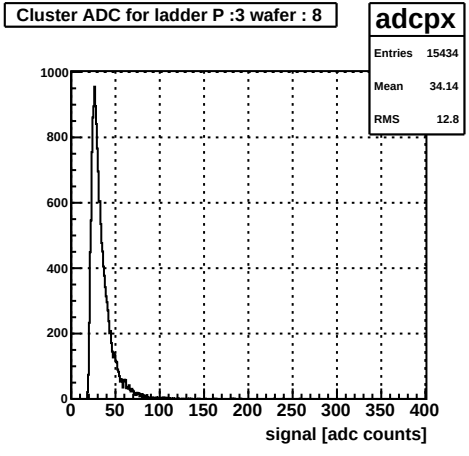

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 3277
Mean 35.71
RMS 30.53
signal [adc counts]

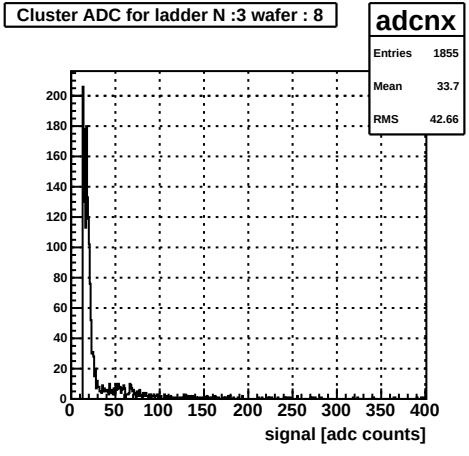

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 5888
Mean 29.07
RMS 26.83
signal [adc counts]

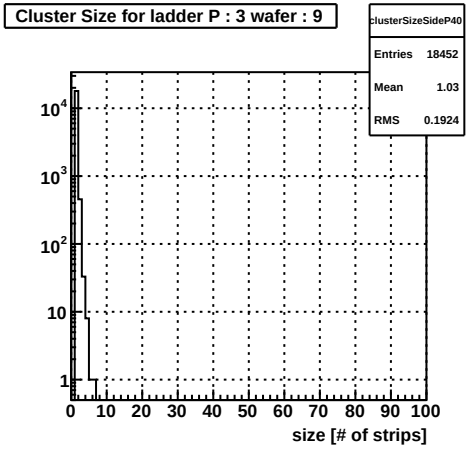

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 15434
Mean 1.042
RMS 0.2108
size [# of strips]

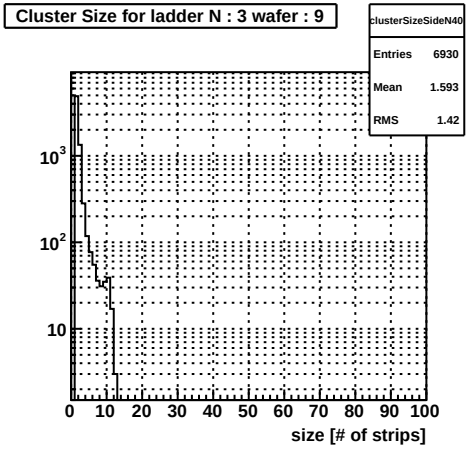

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 1855
Mean 1.167
RMS 0.5116
size [# of strips]

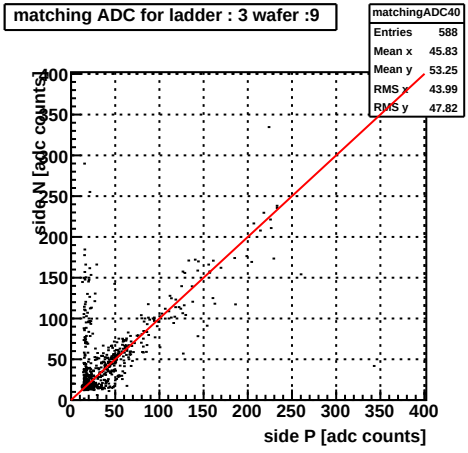

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 174
Mean x 38.37
Mean y 35.42
RMS x 31.87
RMS y 45.94
side N [adc counts]
side P [adc counts]

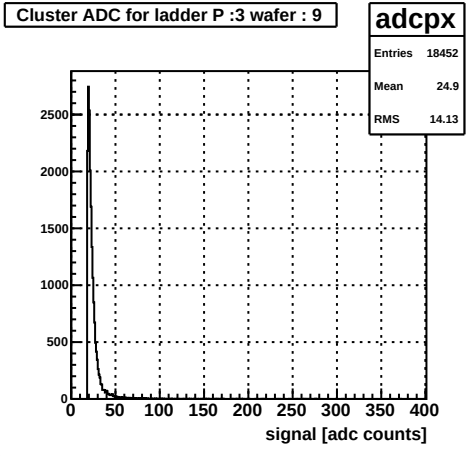

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 15434
Mean 34.14
RMS 12.8
signal [adc counts]

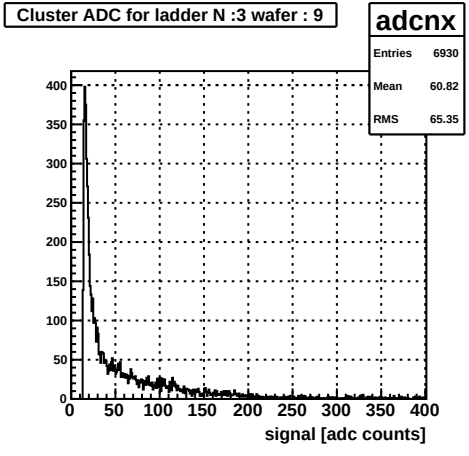

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 1855
Mean 33.7
RMS 42.66
signal [adc counts]

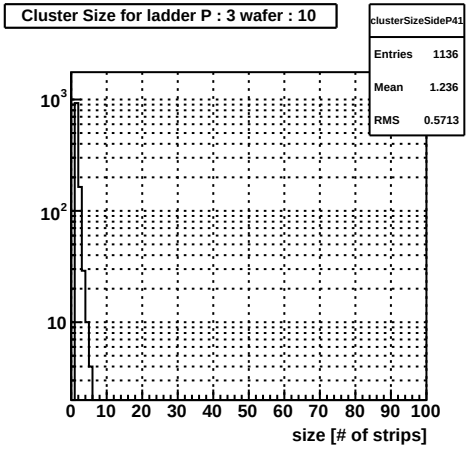

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 18452
Mean 1.03
RMS 0.1924
size [# of strips]

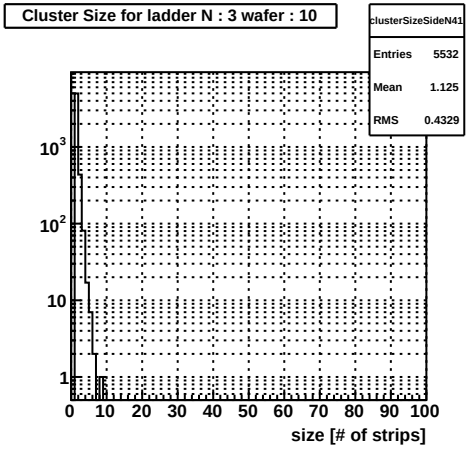

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 6930
Mean 1.593
RMS 1.42
size [# of strips]

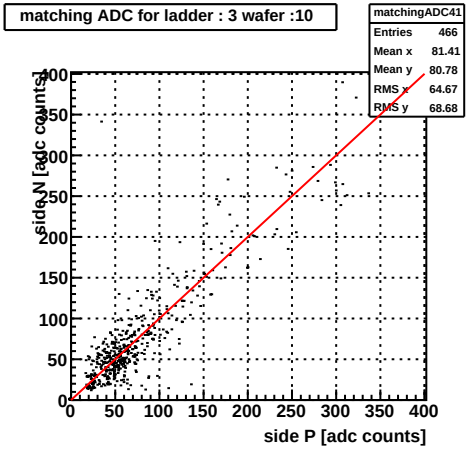

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 588
Mean x 45.83
Mean y 53.25
RMS x 43.99
RMS y 47.82
side N [adc counts]
side P [adc counts]

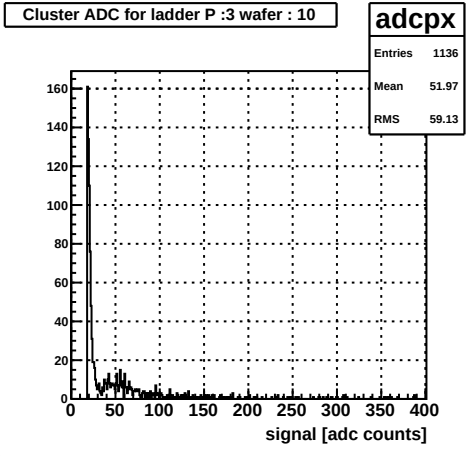

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 18452
Mean 24.9
RMS 14.13
signal [adc counts]

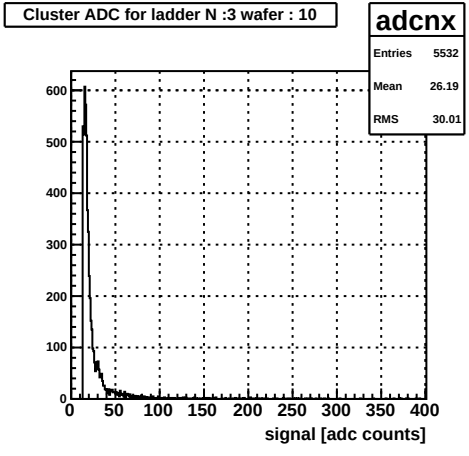

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 6930
Mean 60.82
RMS 65.35
signal [adc counts]

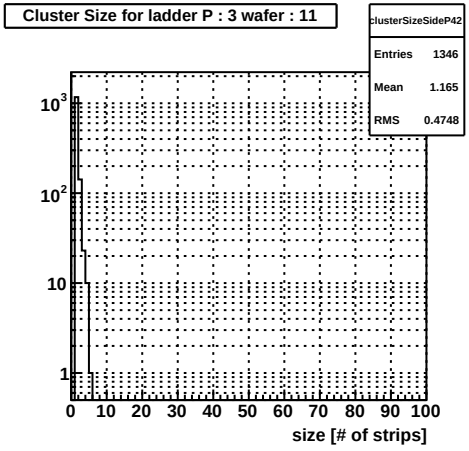

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 1136
Mean 1.236
RMS 0.5713
size [# of strips]

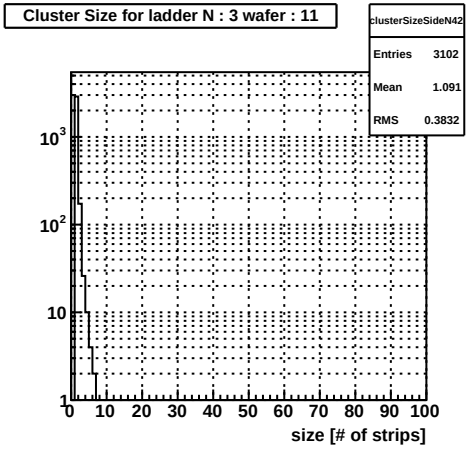

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 5532
Mean 1.125
RMS 0.4329
size [# of strips]

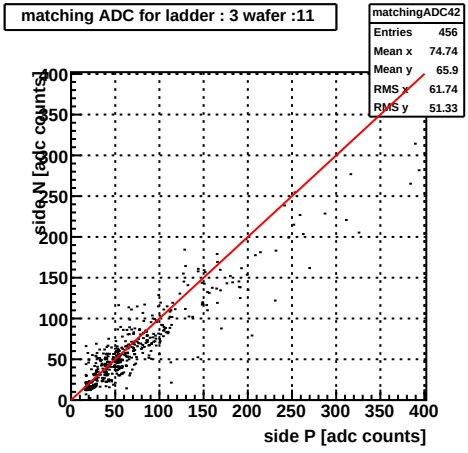

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 466
Mean x 81.41
Mean y 80.78
RMS x 64.67
RMS y 68.68
side N [adc counts]
side P [adc counts]

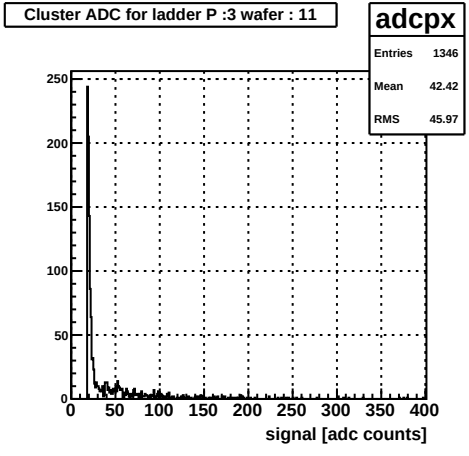

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 1136
Mean 51.97
RMS 59.13
signal [adc counts]

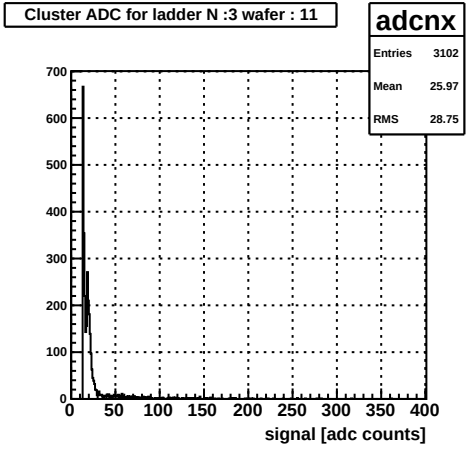

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 5532
Mean 26.19
RMS 30.01
signal [adc counts]

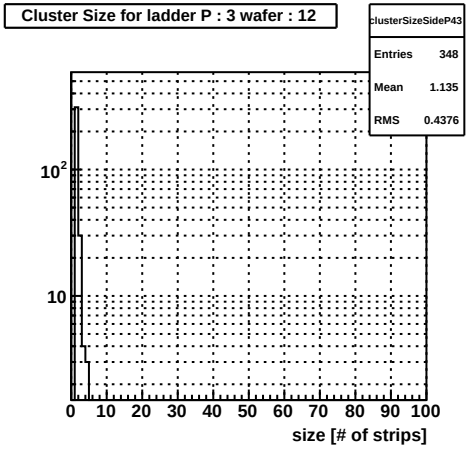

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 1346
Mean 1.165
RMS 0.4748
size [# of strips]

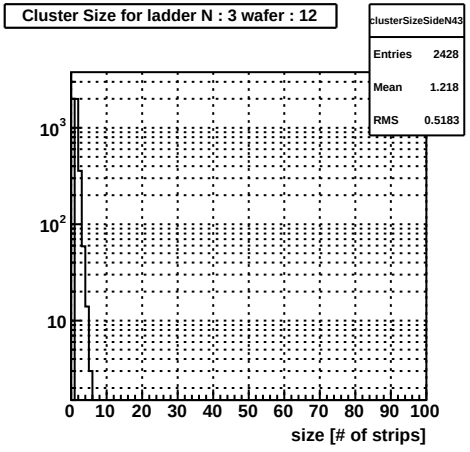

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 3102
Mean 1.091
RMS 0.3832
size [# of strips]

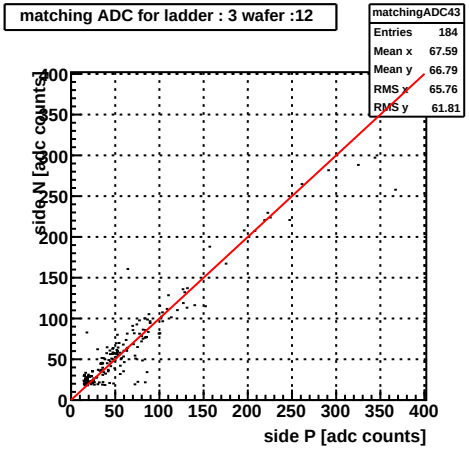

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 456
Mean x 74.74
Mean y 65.9
RMS x 61.74
RMS y 51.33
side N [adc counts]
side P [adc counts]

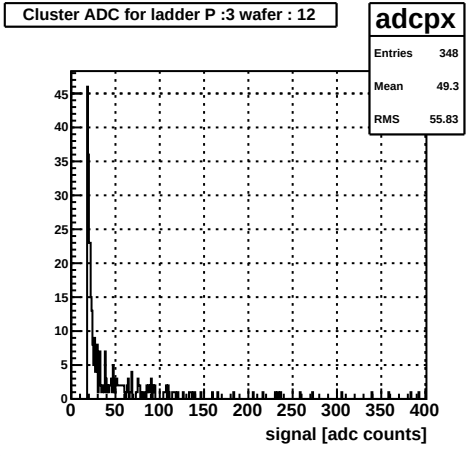

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 1346
Mean 42.42
RMS 45.97
signal [adc counts]

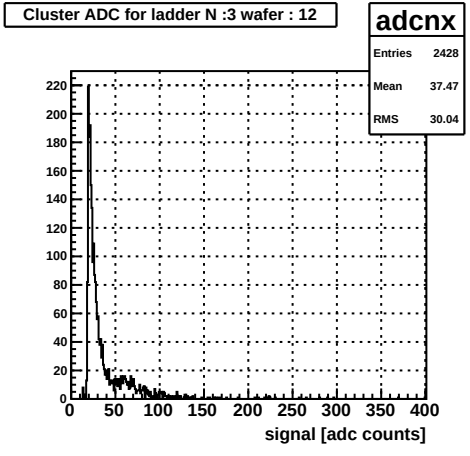

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 3102
Mean 25.97
RMS 28.75
signal [adc counts]

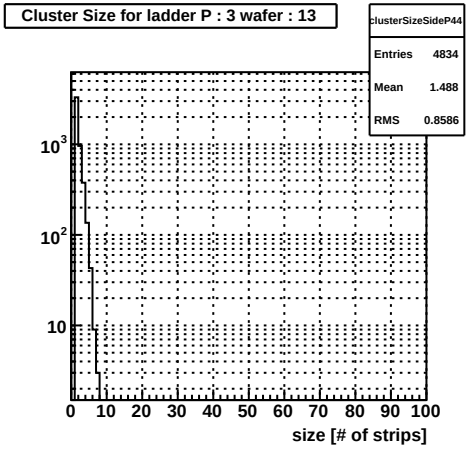

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 348
Mean 1.135
RMS 0.4376
size [# of strips]

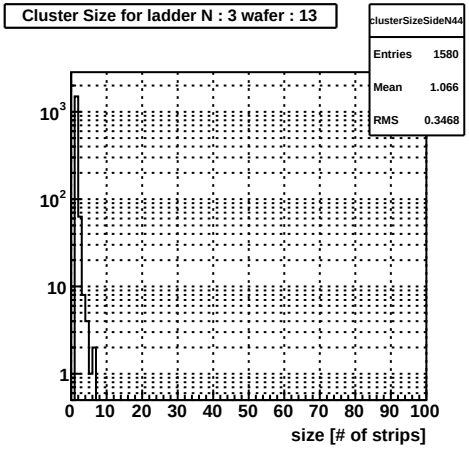

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 2428
Mean 1.218
RMS 0.5183
size [# of strips]

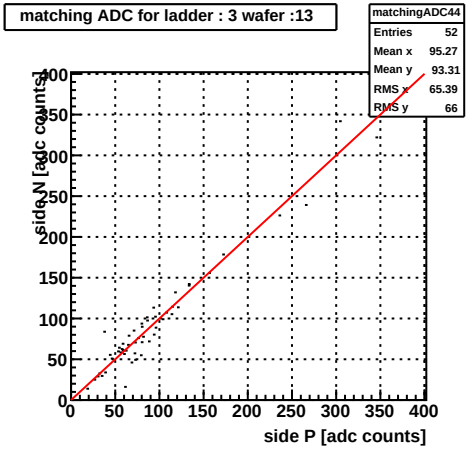

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 184
Mean x 67.59
Mean y 66.79
RMS x 65.76
RMS y 61.81
side N [adc counts]
side P [adc counts]

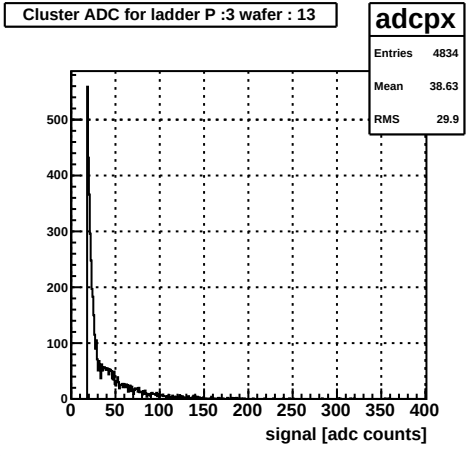

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 348
Mean 49.3
RMS 55.83
signal [adc counts]

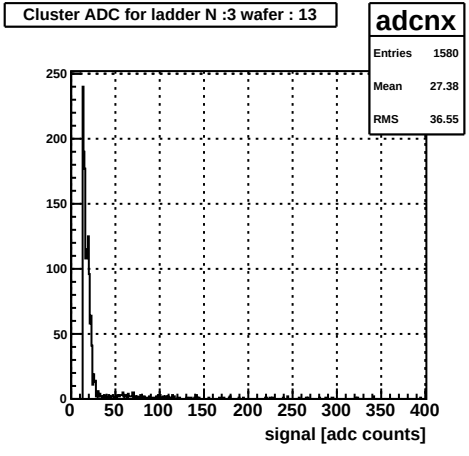

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 2428
Mean 37.47
RMS 30.04
signal [adc counts]

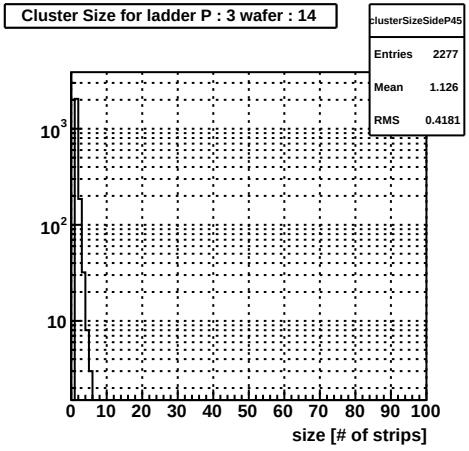

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 4834
Mean 1.488
RMS 0.8586
size [# of strips]

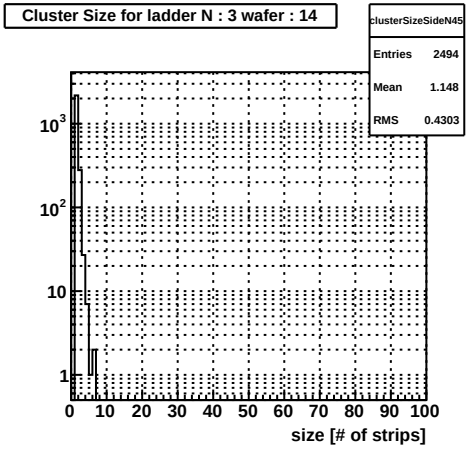

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 1580
Mean 1.066
RMS 0.3468
size [# of strips]

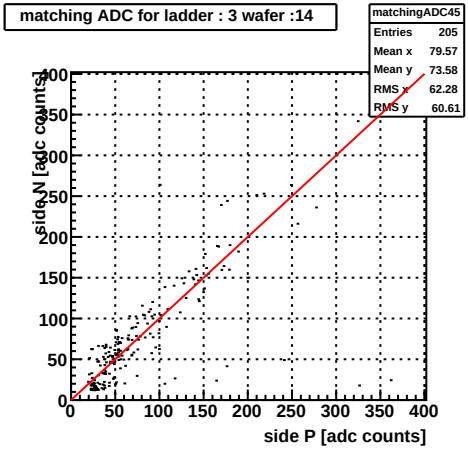

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 52
Mean x 95.27
Mean y 93.31
RMS x 65.39
RMS y 66
side N [adc counts]
side P [adc counts]

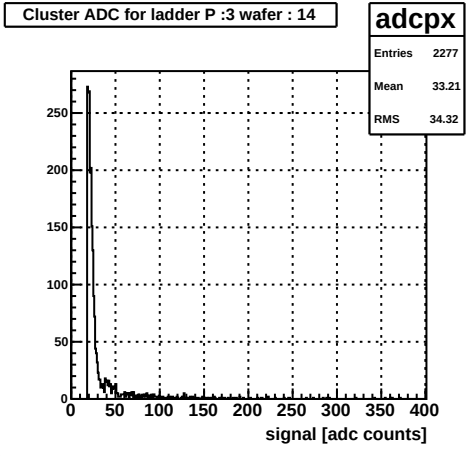

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 4834
Mean 38.63
RMS 29.9
signal [adc counts]

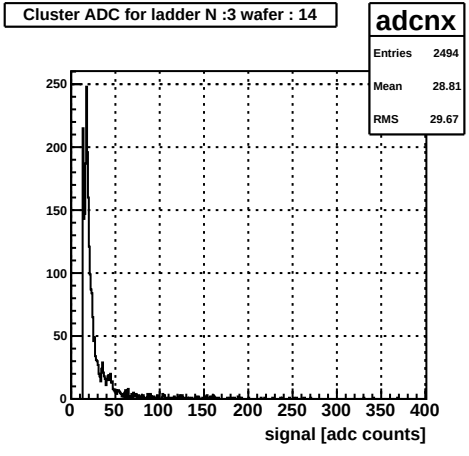

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 1580
Mean 27.38
RMS 36.55
signal [adc counts]

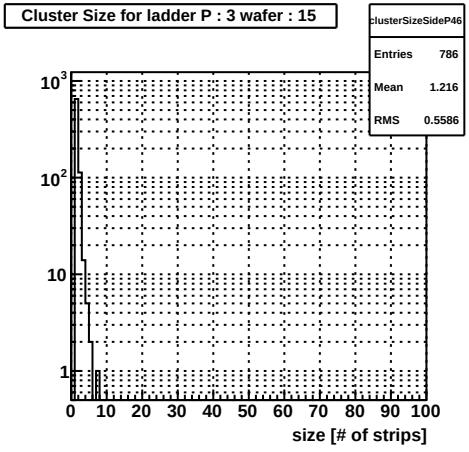

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 2277
Mean 1.126
RMS 0.4181
size [# of strips]

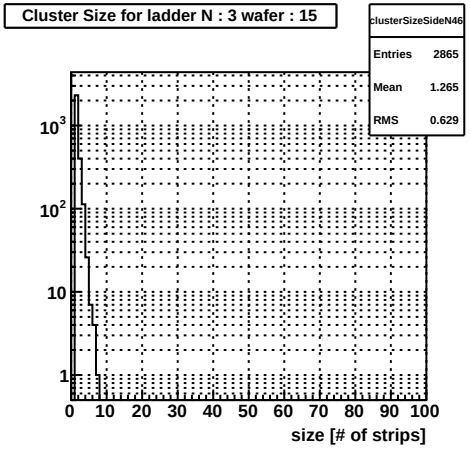

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 2494
Mean 1.148
RMS 0.4303
size [# of strips]

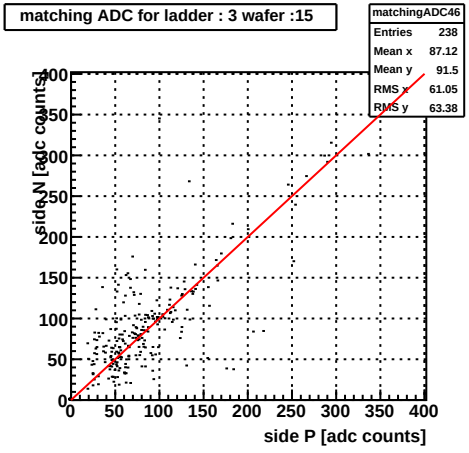

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 205
Mean x 79.57
Mean y 73.58
RMS x 62.28
RMS y 60.61
side N [adc counts]
side P [adc counts]

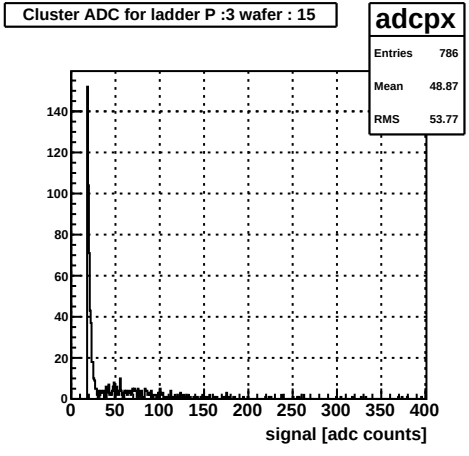

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 2277
Mean 33.21
RMS 34.32
signal [adc counts]

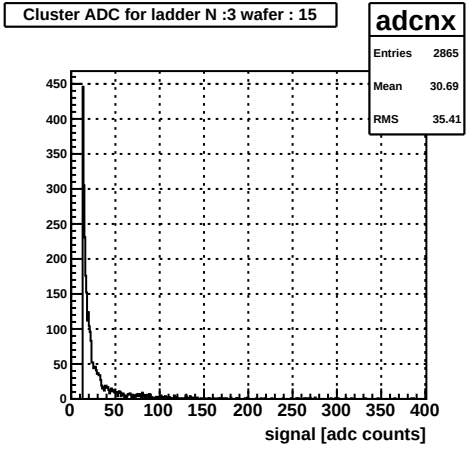

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 2494
Mean 28.81
RMS 29.67
signal [adc counts]

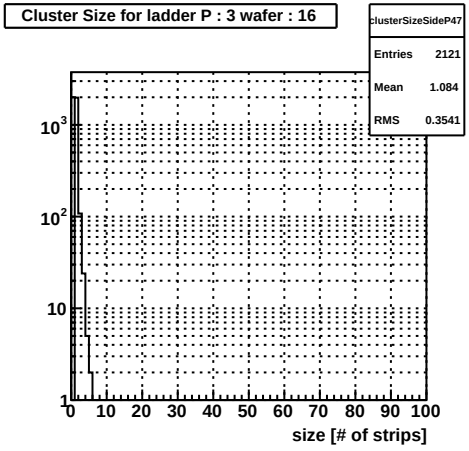

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 786
Mean 1.216
RMS 0.5586
size [# of strips]

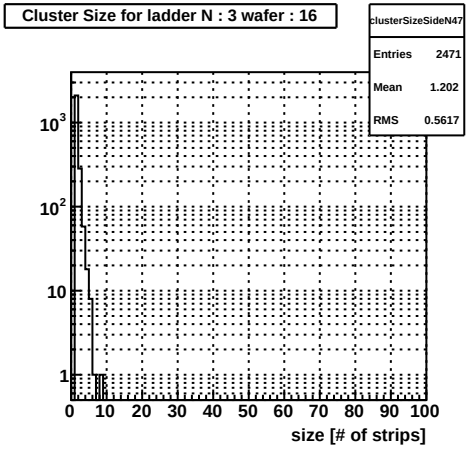

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 2865
Mean 1.265
RMS 0.629
size [# of strips]

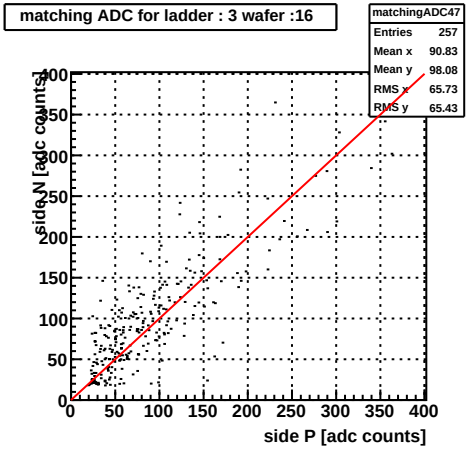

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 238
Mean x 87.12
Mean y 91.5
RMS x 61.05
RMS y 63.38
side N [adc counts]
side P [adc counts]

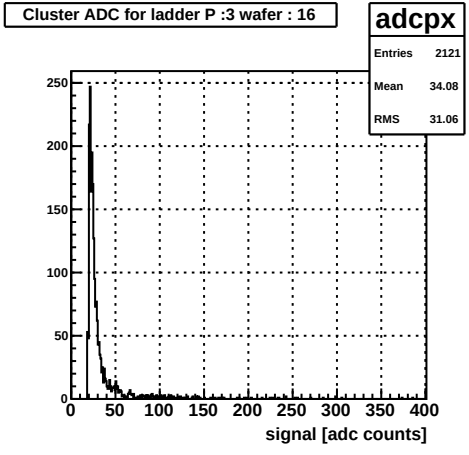

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 786
Mean 48.87
RMS 53.77
signal [adc counts]

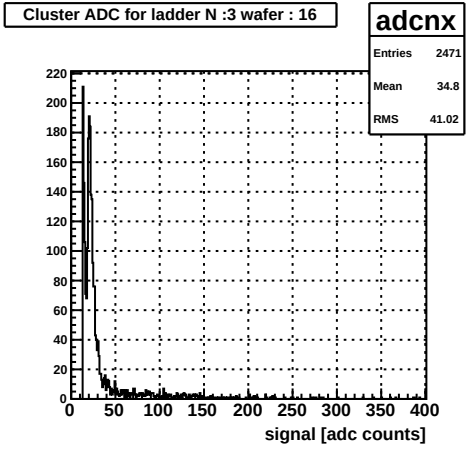

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 2865
Mean 30.69
RMS 35.41
signal [adc counts]

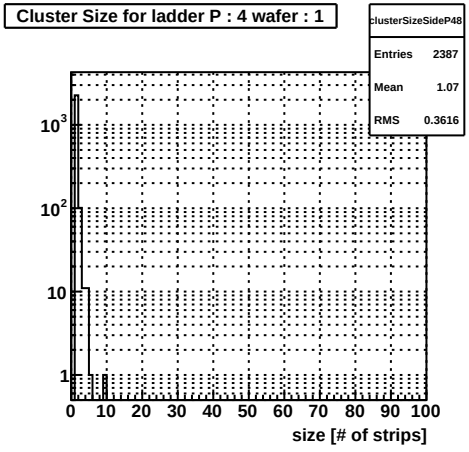

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 2121
Mean 1.084
RMS 0.3541
size [# of strips]

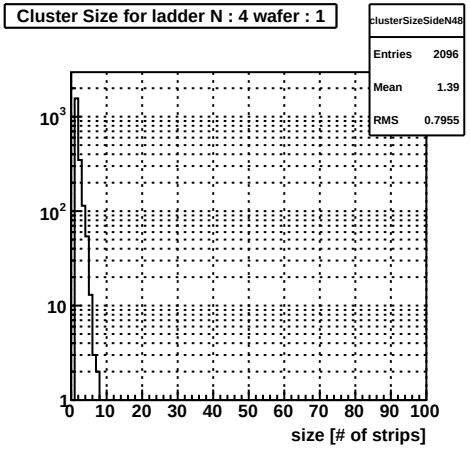

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 2471
Mean 1.202
RMS 0.5617
size [# of strips]

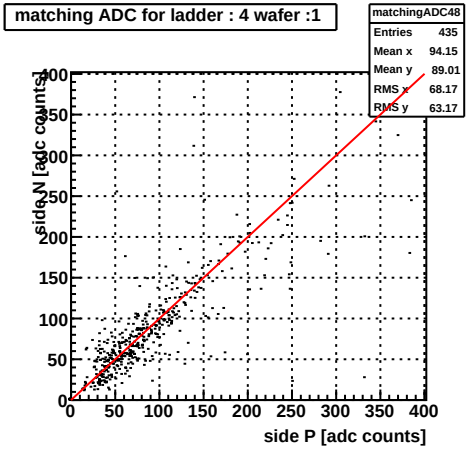

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 257
Mean x 90.83
Mean y 98.08
RMS x 65.73
RMS y 65.43
side N [adc counts]
side P [adc counts]

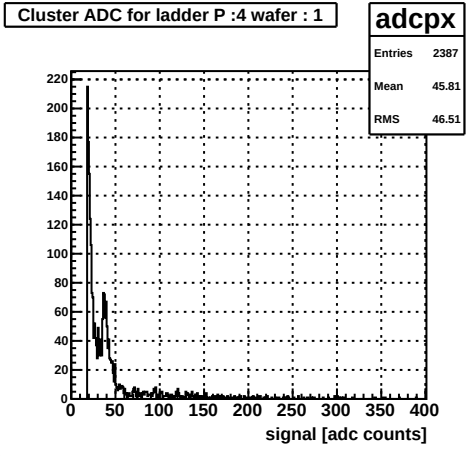

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 2121
Mean 34.08
RMS 31.06
signal [adc counts]

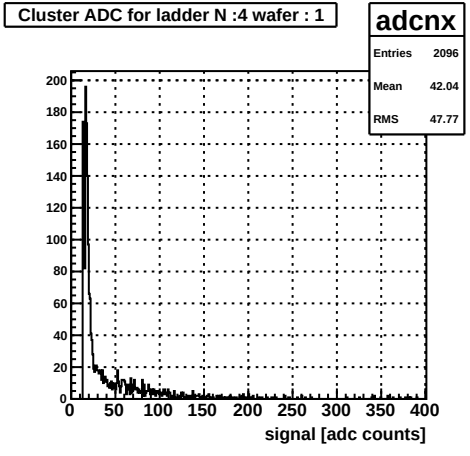

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 2471
Mean 34.8
RMS 41.02
signal [adc counts]

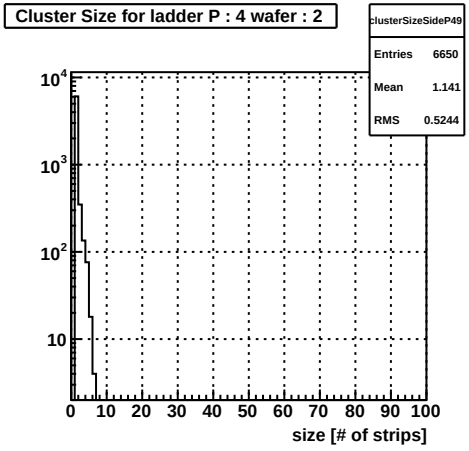

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 2387
Mean 1.07
RMS 0.3616
size [# of strips]

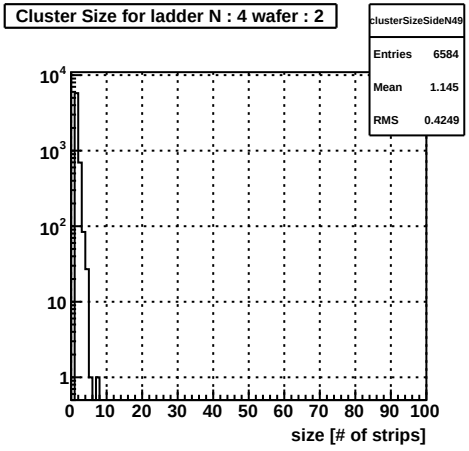

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 2096
Mean 1.39
RMS 0.7955
size [# of strips]

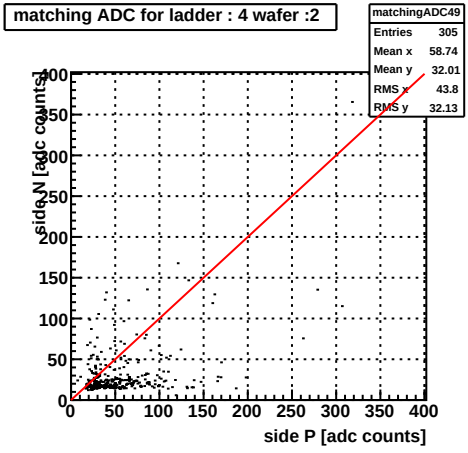

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 435
Mean x 94.15
Mean y 89.01
RMS x 68.17
RMS y 63.17
side N [adc counts]
side P [adc counts]

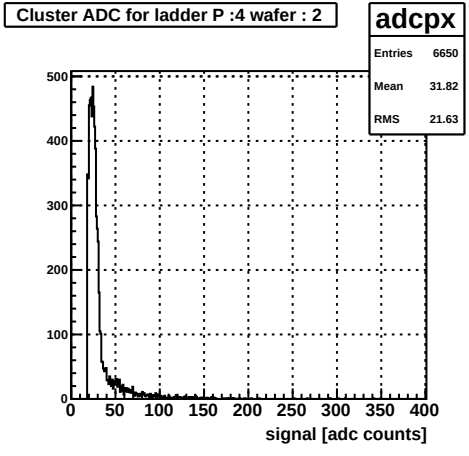

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 2387
Mean 45.81
RMS 46.51
signal [adc counts]

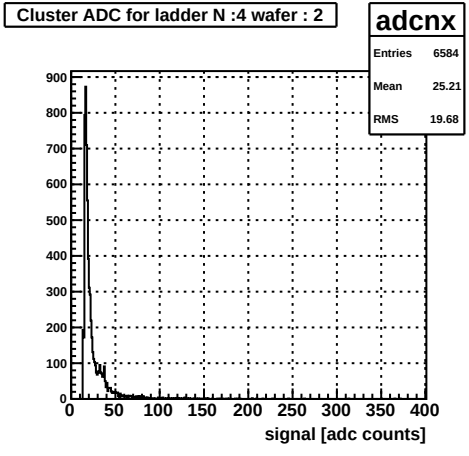

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 2096
Mean 42.04
RMS 47.77
signal [adc counts]

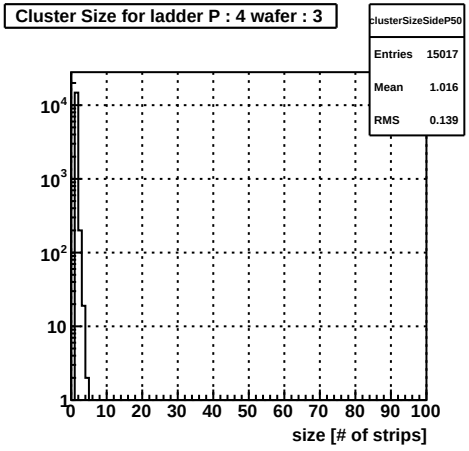

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 6650
Mean 1.141
RMS 0.5244
size [# of strips]

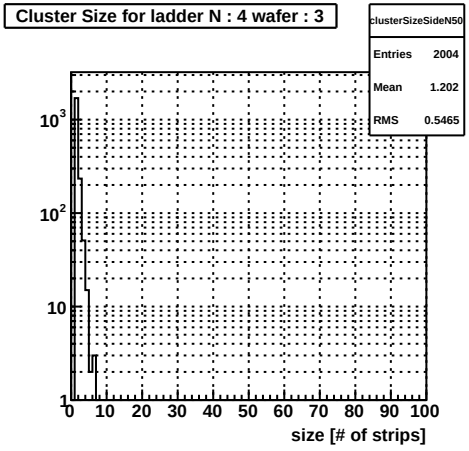

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 6584
Mean 1.145
RMS 0.4249
size [# of strips]

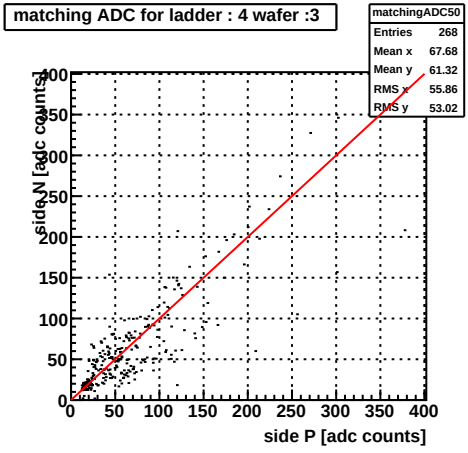

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 305
Mean x 58.74
Mean y 32.01
RMS x 43.8
RMS y 32.13
side N [adc counts]
side P [adc counts]

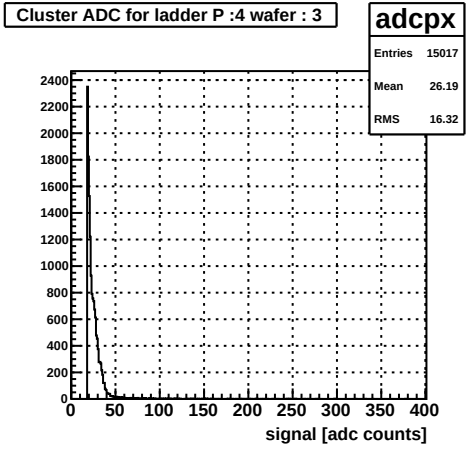

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 6650
Mean 31.82
RMS 21.63
signal [adc counts]

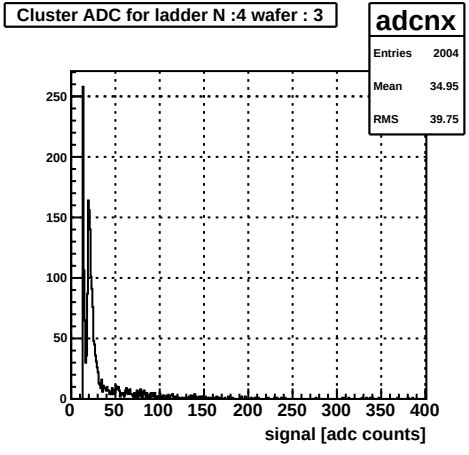

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 6584
Mean 25.21
RMS 19.68
signal [adc counts]

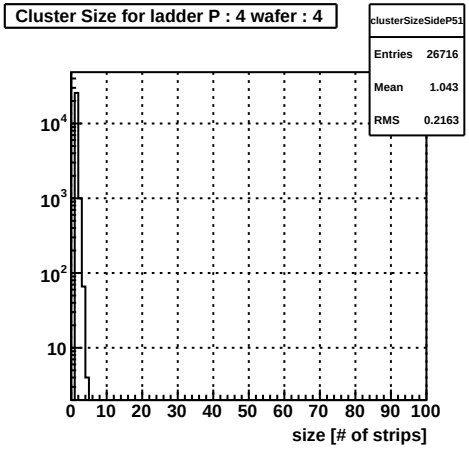

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 15017
Mean 1.016
RMS 0.139
size [# of strips]

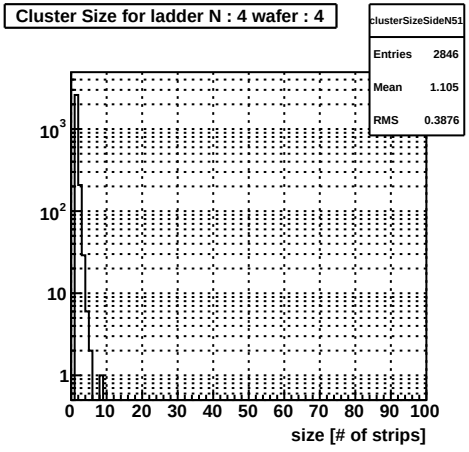

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 2004
Mean 1.202
RMS 0.5465
size [# of strips]

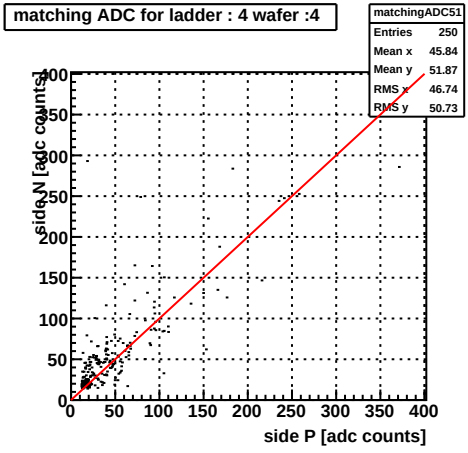

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 268
Mean x 67.68
Mean y 61.32
RMS x 55.86
RMS y 53.02
side N [adc counts]
side P [adc counts]

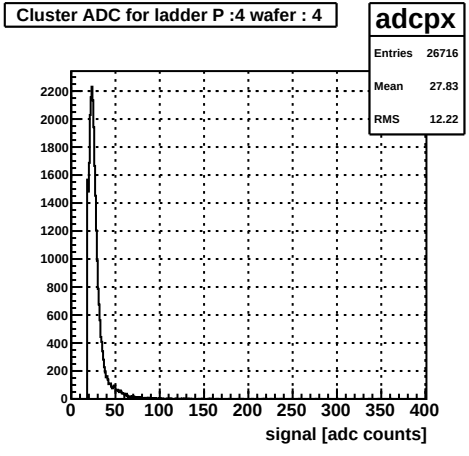

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 15017
Mean 26.19
RMS 16.32
signal [adc counts]

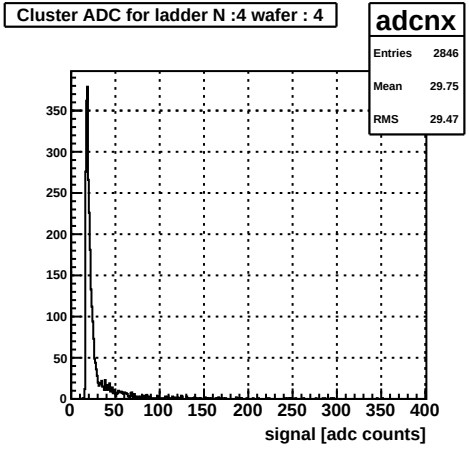

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 2004
Mean 34.95
RMS 39.75
signal [adc counts]

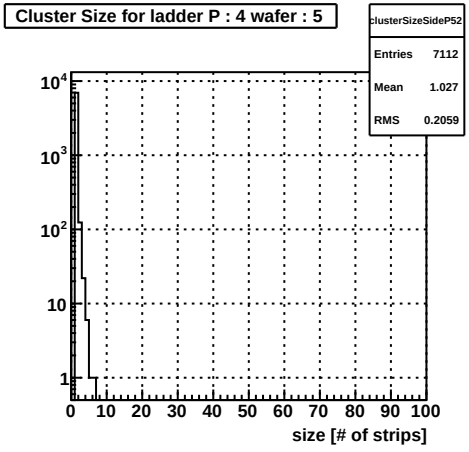

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 26716
Mean 1.043
RMS 0.2163
size [# of strips]

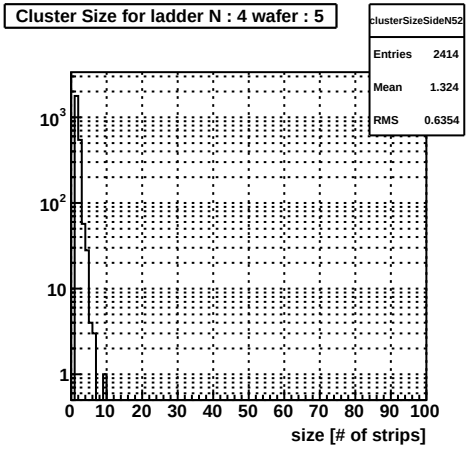

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 2846
Mean 1.105
RMS 0.3876
size [# of strips]

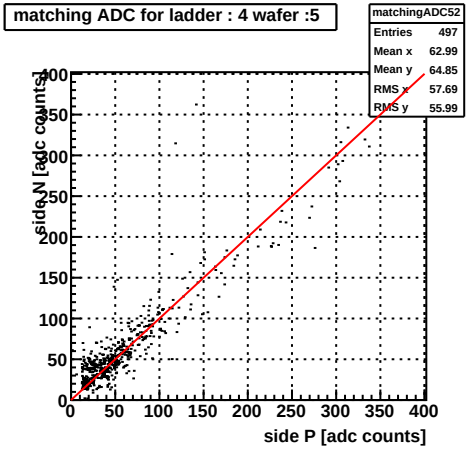

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 250
Mean x 45.84
Mean y 51.87
RMS x 46.74
RMS y 50.73
side N [adc counts]
side P [adc counts]

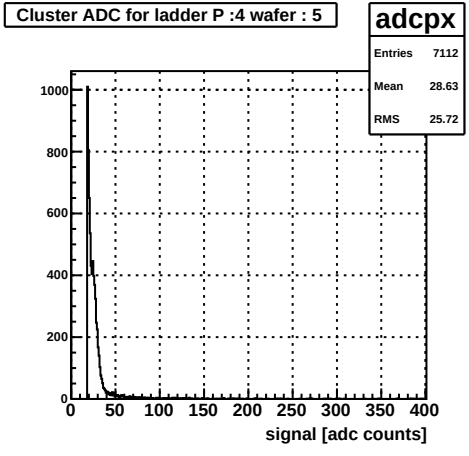

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 26716
Mean 27.83
RMS 12.22
signal [adc counts]

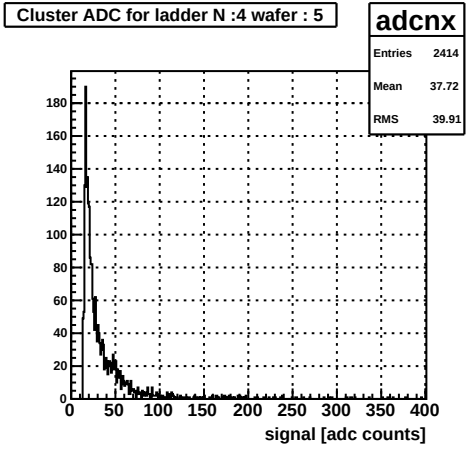

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 2846
Mean 29.75
RMS 29.47
signal [adc counts]

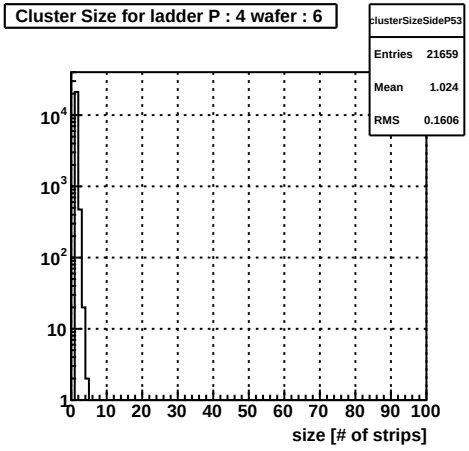

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 7112
Mean 1.027
RMS 0.2059
size [# of strips]

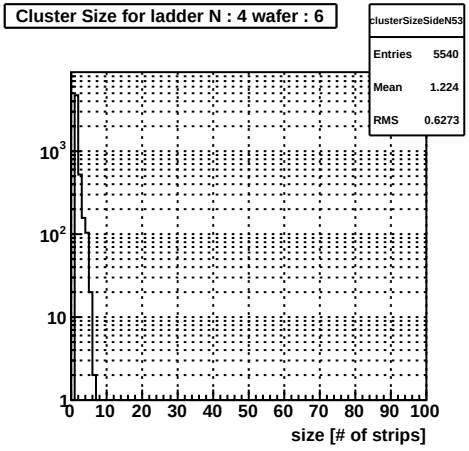

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 2414
Mean 1.324
RMS 0.6354
size [# of strips]

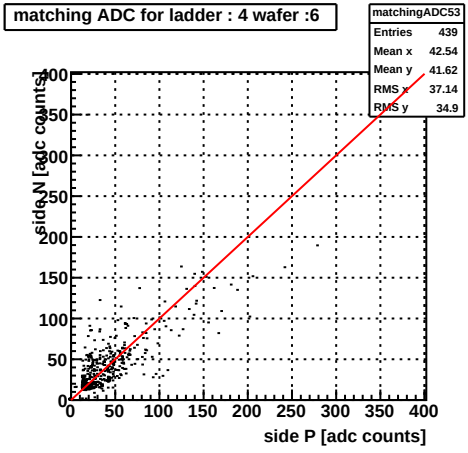

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 497
Mean x 62.99
Mean y 64.85
RMS x 57.69
RMS y 55.99
side N [adc counts]
side P [adc counts]

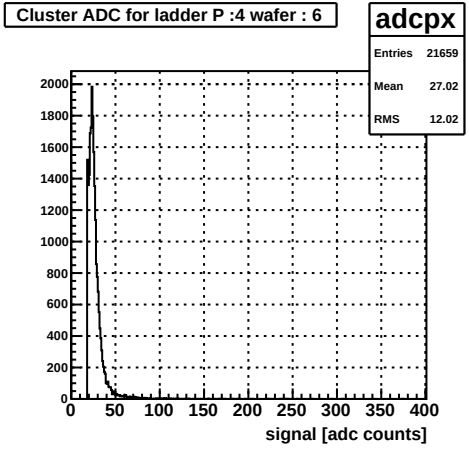

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 7112
Mean 28.63
RMS 25.72
signal [adc counts]

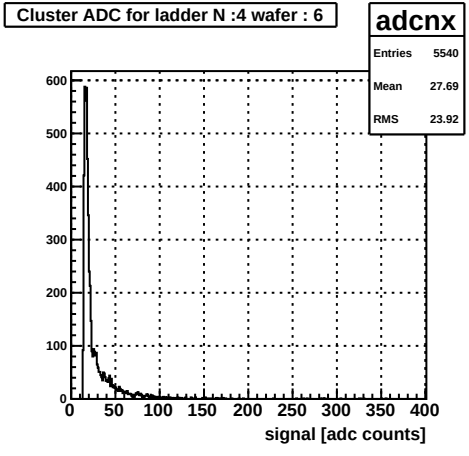

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 2414
Mean 37.72
RMS 39.91
signal [adc counts]

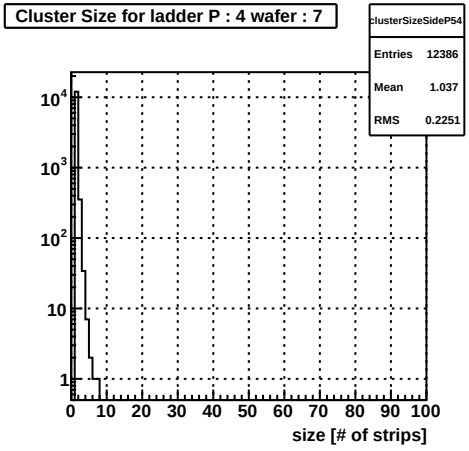

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 21659
Mean 1.024
RMS 0.1606
size [# of strips]

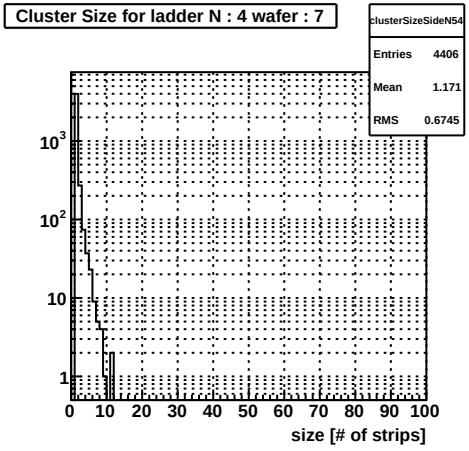

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 5540
Mean 1.224
RMS 0.6273
size [# of strips]

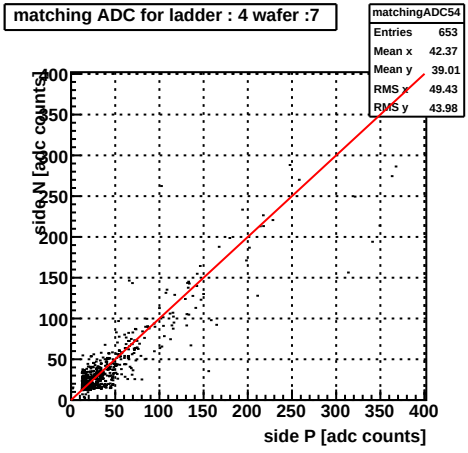

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 439
Mean x 42.54
Mean y 41.62
RMS x 37.14
RMS y 34.9
side N [adc counts]
side P [adc counts]

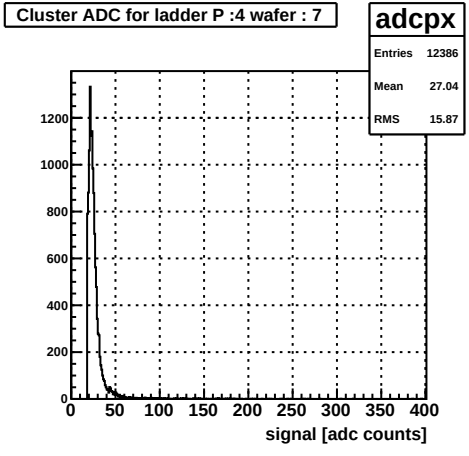

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 21659
Mean 27.02
RMS 12.02
signal [adc counts]

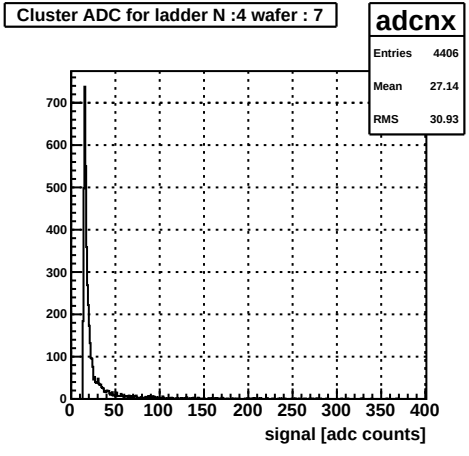

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 5540
Mean 27.69
RMS 23.92
signal [adc counts]

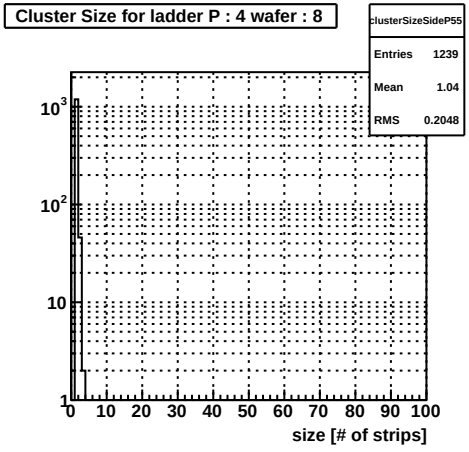

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 12386
Mean 1.037
RMS 0.2251
size [# of strips]

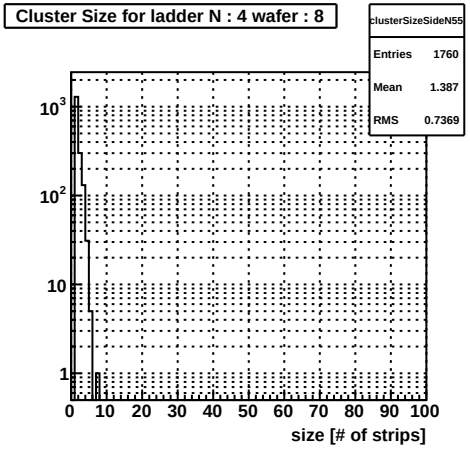

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 4406
Mean 1.171
RMS 0.6745
size [# of strips]

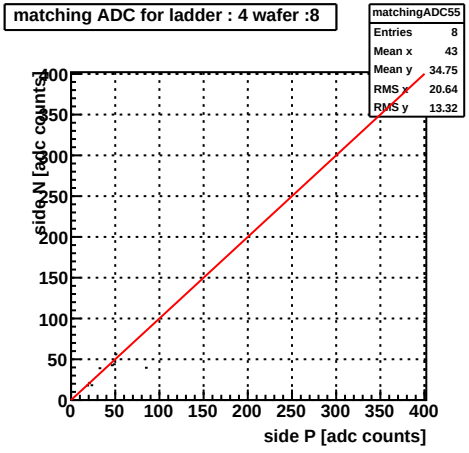

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 653
Mean x 42.37
Mean y 39.01
RMS x 49.43
RMS y 43.98
side N [adc counts]
side P [adc counts]

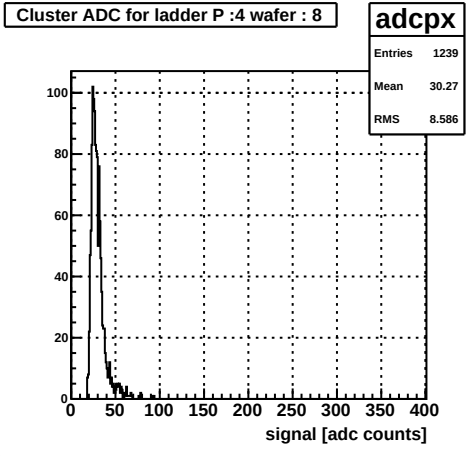

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 12386
Mean 27.04
RMS 15.87
signal [adc counts]

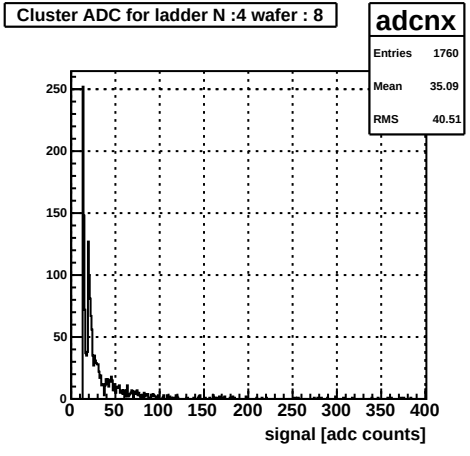

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 4406
Mean 27.14
RMS 30.93
signal [adc counts]

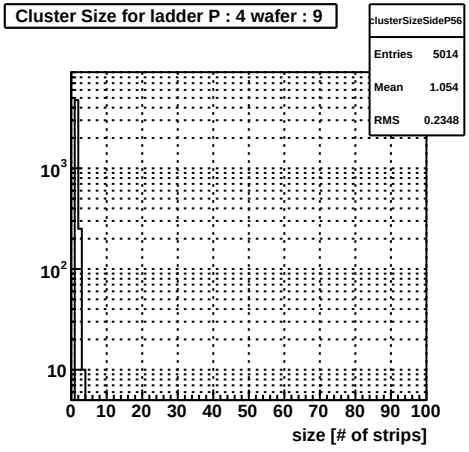

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 1239
Mean 1.04
RMS 0.2048
size [# of strips]

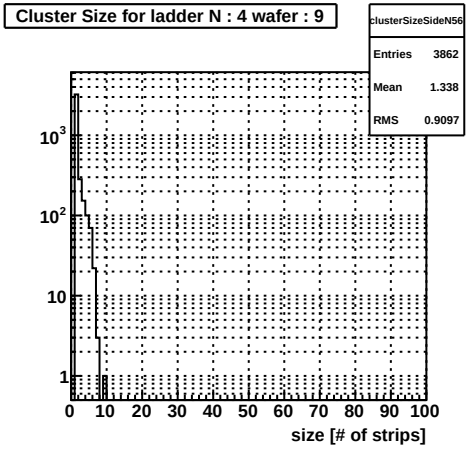

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 1760
Mean 1.387
RMS 0.7369
size [# of strips]

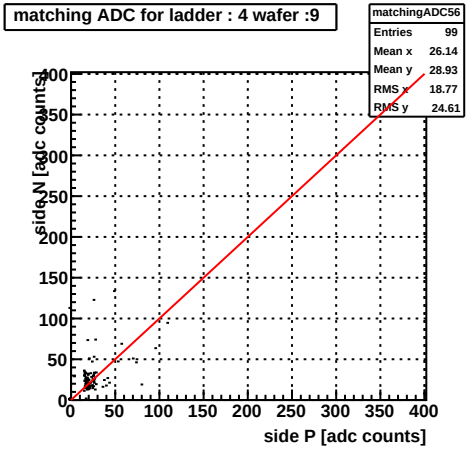

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 8
Mean x 43
Mean y 34.75
RMS x 20.64
RMS y 13.32
side N [adc counts]
side P [adc counts]

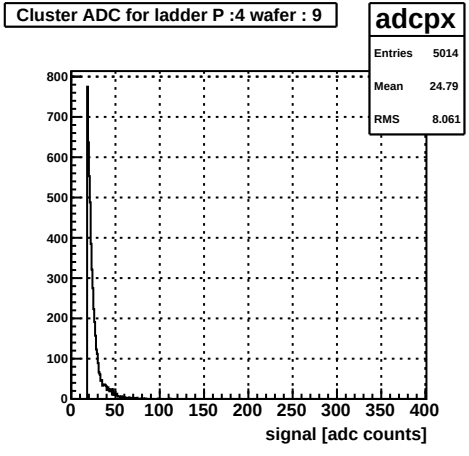

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 1239
Mean 30.27
RMS 8.586
signal [adc counts]

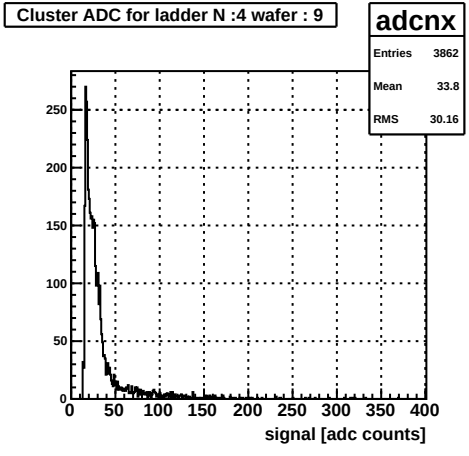

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 1760
Mean 35.09
RMS 40.51
signal [adc counts]

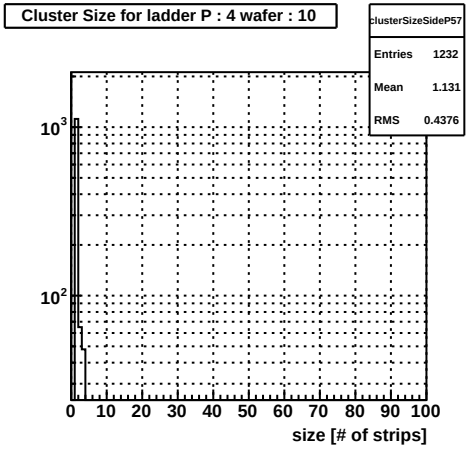

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 5014
Mean 1.054
RMS 0.2348
size [# of strips]

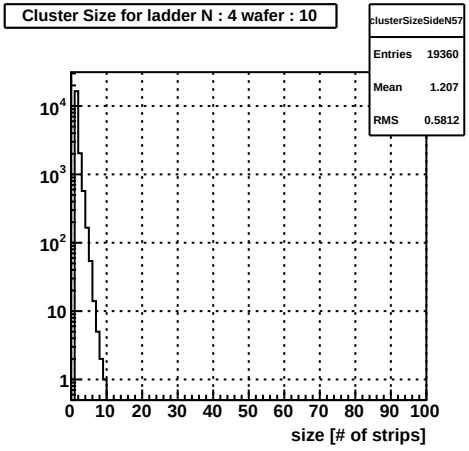

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 3862
Mean 1.338
RMS 0.9097
size [# of strips]

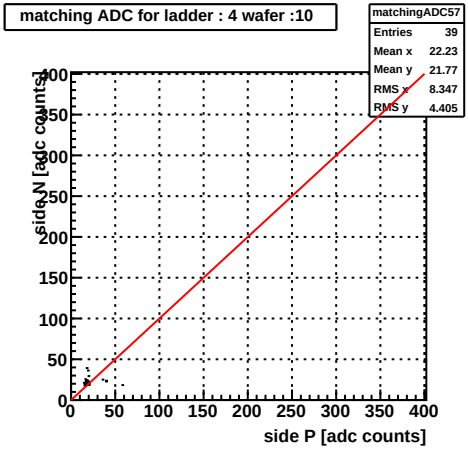

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 99
Mean x 26.14
Mean y 28.93
RMS x 18.77
RMS y 24.61
side N [adc counts]
side P [adc counts]

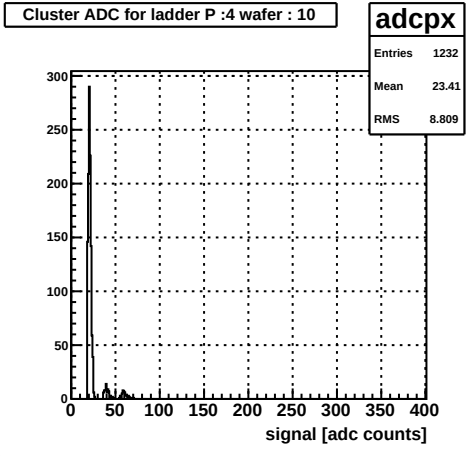

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 5014
Mean 24.79
RMS 8.061
signal [adc counts]

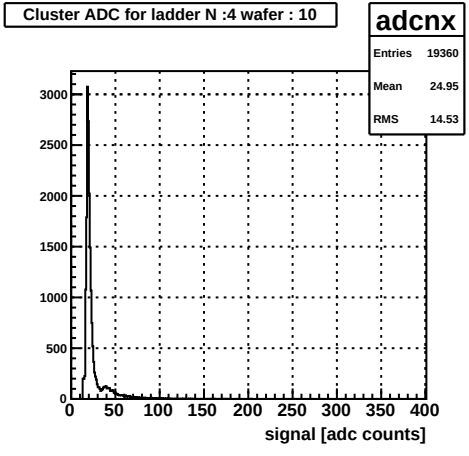

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 3862
Mean 33.8
RMS 30.16
signal [adc counts]

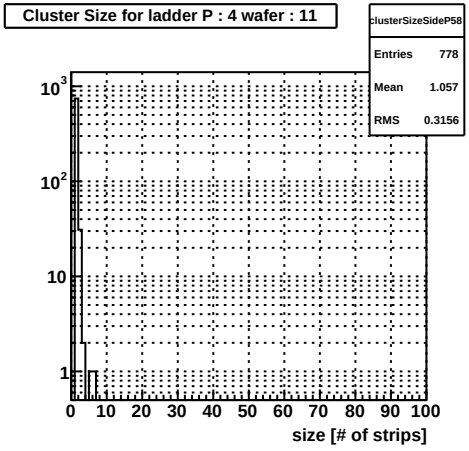

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 1232
Mean 1.131
RMS 0.4376
size [# of strips]

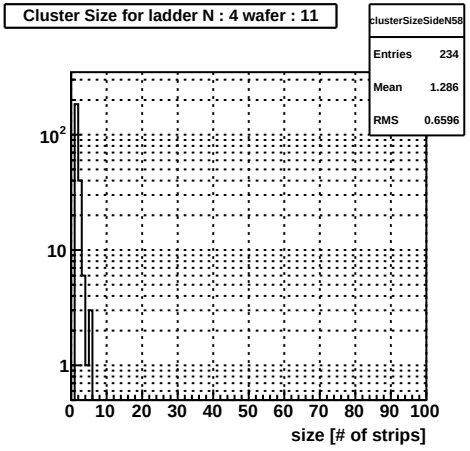

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 19360
Mean 1.207
RMS 0.5812
size [# of strips]

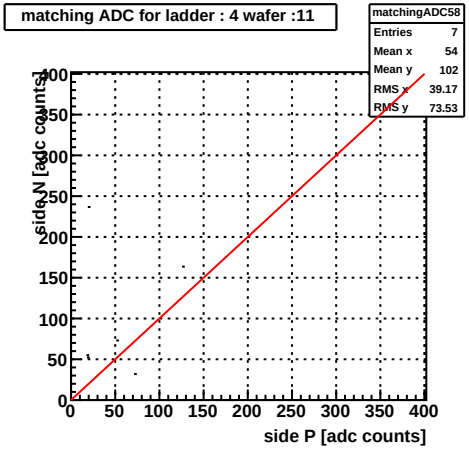

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 39
Mean x 22.23
Mean y 21.77
RMS x 8.347
RMS y 4.405
side N [adc counts]
side P [adc counts]

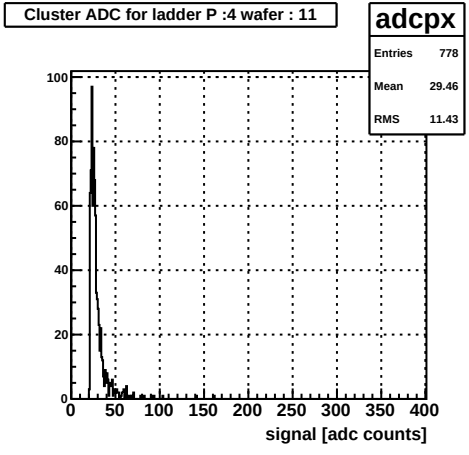

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 1232
Mean 23.41
RMS 8.809
signal [adc counts]

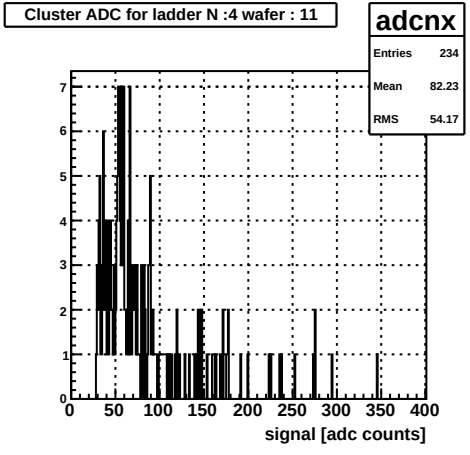

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 19360
Mean 24.95
RMS 14.53
signal [adc counts]

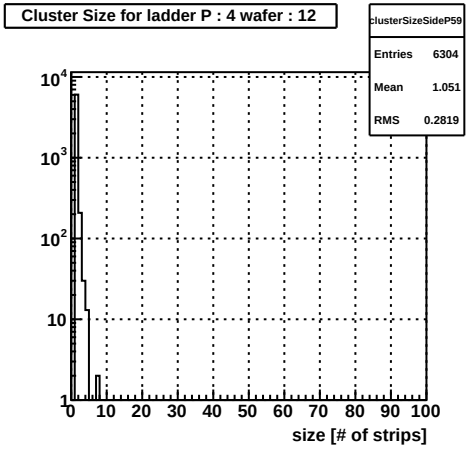

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 778
Mean 1.057
RMS 0.3156
size [# of strips]

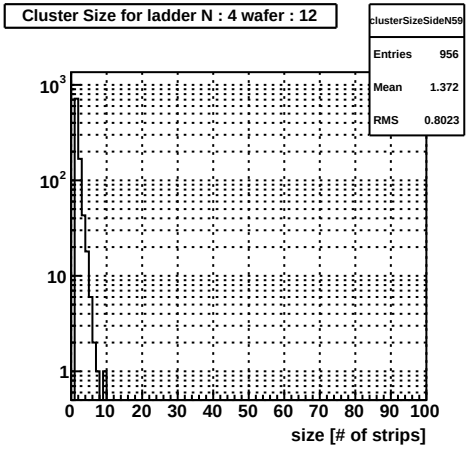

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 234
Mean 1.286
RMS 0.6596
size [# of strips]

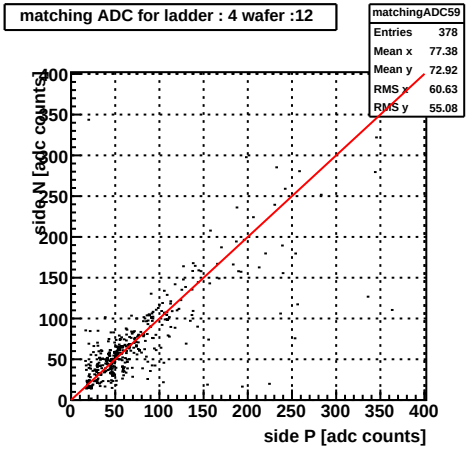

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 7
Mean x 54
Mean y 102
RMS x 39.17
RMS y 73.53
side N [adc counts]
side P [adc counts]

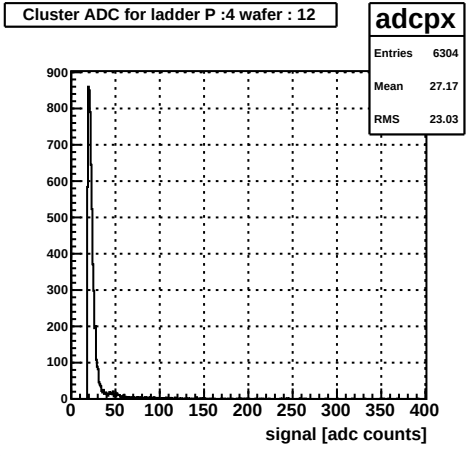

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 778
Mean 29.46
RMS 11.43
signal [adc counts]

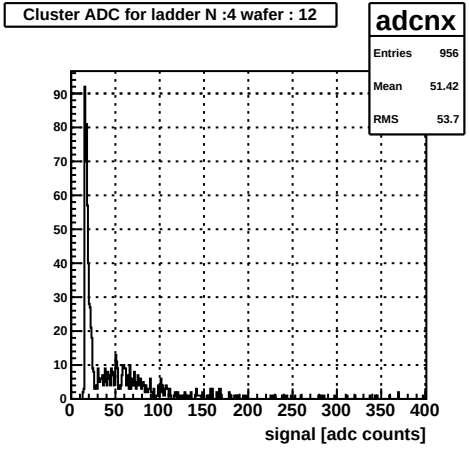

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 234
Mean 82.23
RMS 54.17
signal [adc counts]

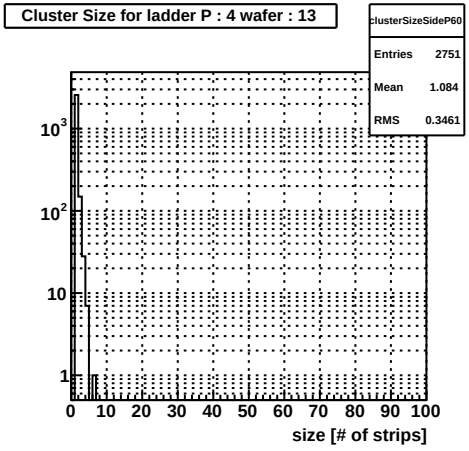

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 6304
Mean 1.051
RMS 0.2819
size [# of strips]

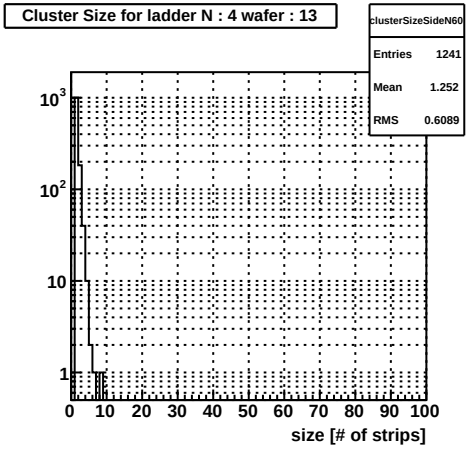

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 956
Mean 1.372
RMS 0.8023
size [# of strips]

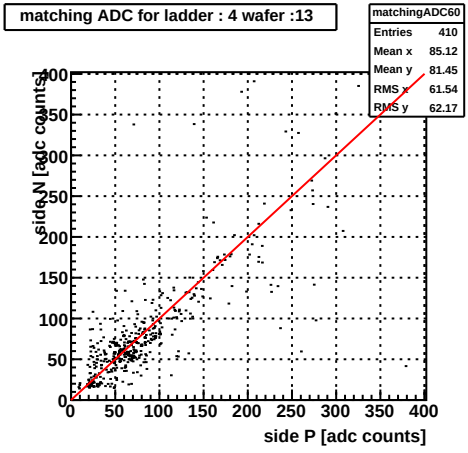

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 378
Mean x 77.38
Mean y 72.92
RMS x 60.63
RMS y 55.08
side N [adc counts]
side P [adc counts]

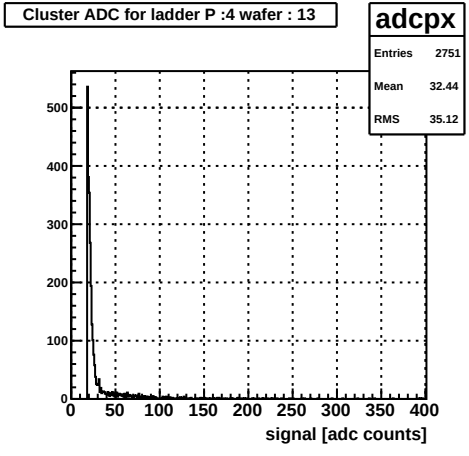

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 6304
Mean 27.17
RMS 23.03
signal [adc counts]

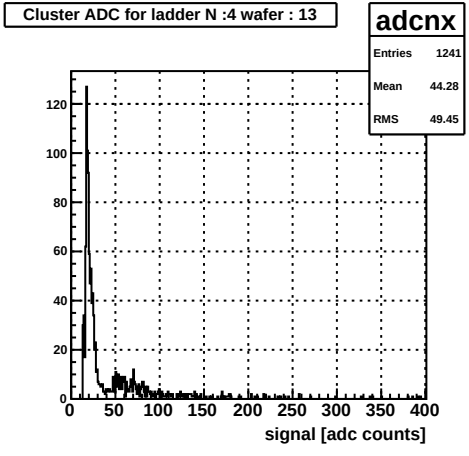

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 956
Mean 51.42
RMS 53.7
signal [adc counts]

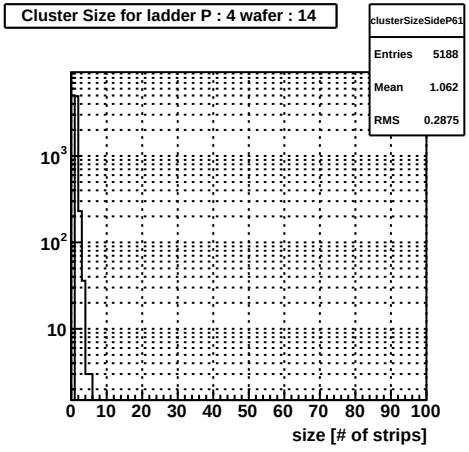

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 2751
Mean 1.084
RMS 0.3461
size [# of strips]

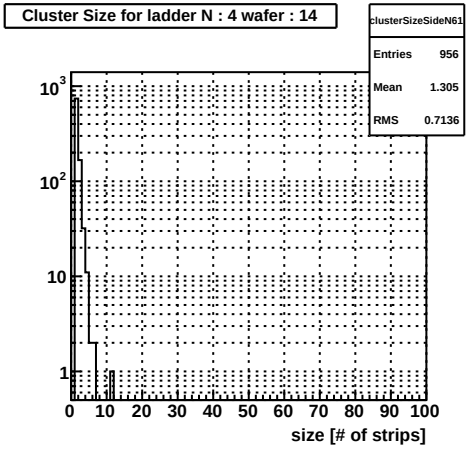

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 1241
Mean 1.252
RMS 0.6089
size [# of strips]

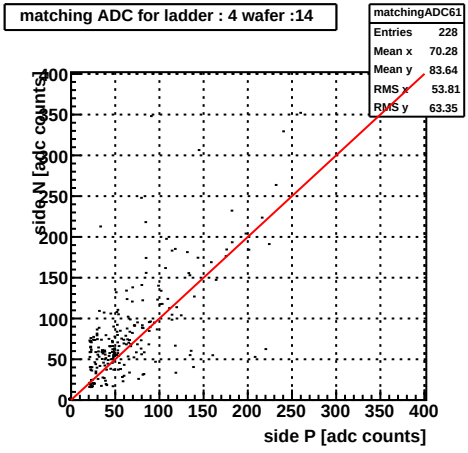

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 410
Mean x 85.12
Mean y 81.45
RMS x 61.54
RMS y 62.17
side N [adc counts]
side P [adc counts]

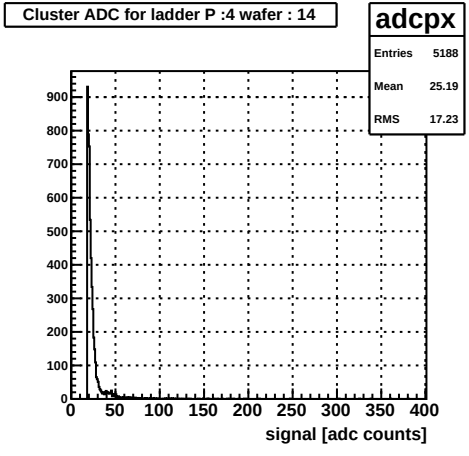

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 2751
Mean 32.44
RMS 35.12
signal [adc counts]

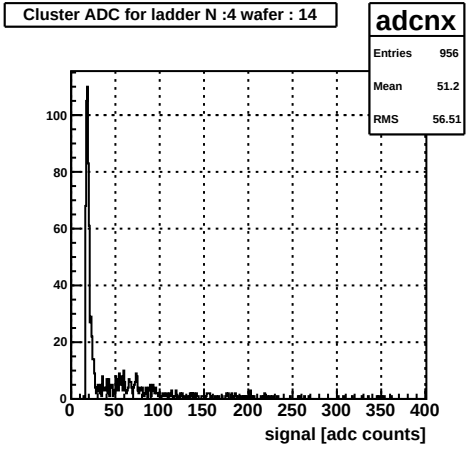

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 1241
Mean 44.28
RMS 49.45
signal [adc counts]

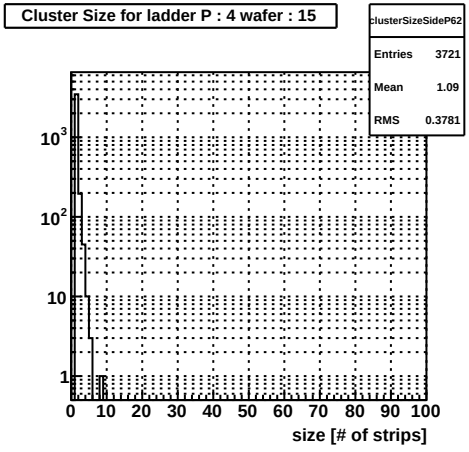

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 5188
Mean 1.062
RMS 0.2875
size [# of strips]

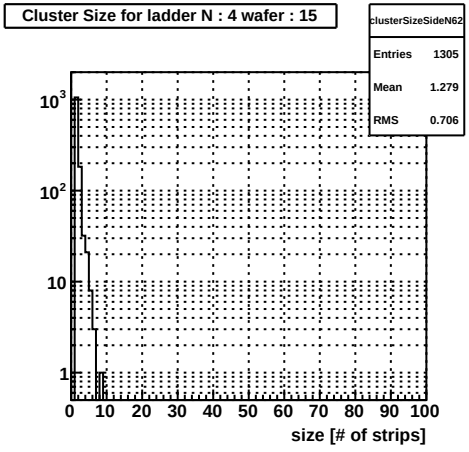

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 956
Mean 1.305
RMS 0.7136
size [# of strips]

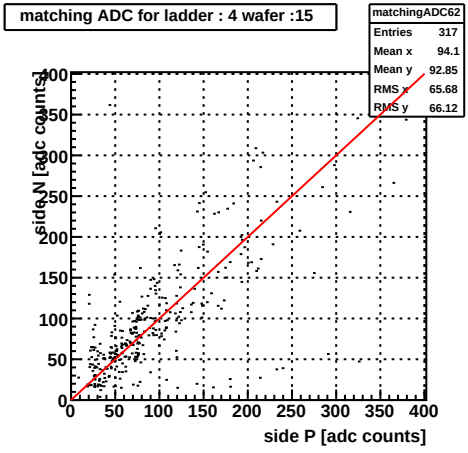

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 228
Mean x 70.28
Mean y 83.64
RMS x 53.81
RMS y 63.35
side N [adc counts]
side P [adc counts]

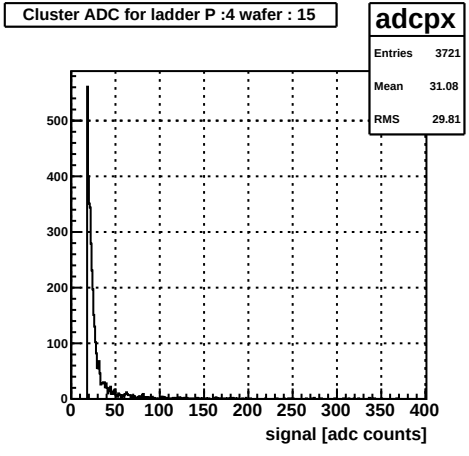

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 5188
Mean 25.19
RMS 17.23
signal [adc counts]

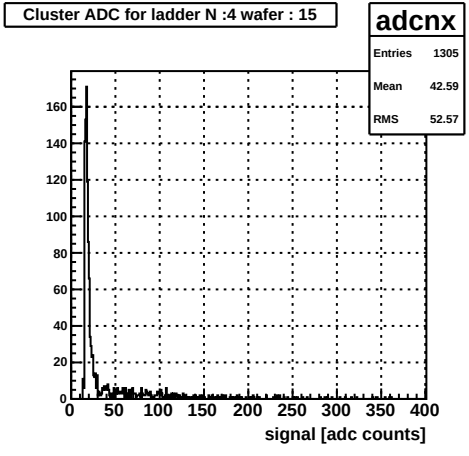

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 956
Mean 51.2
RMS 56.51
signal [adc counts]

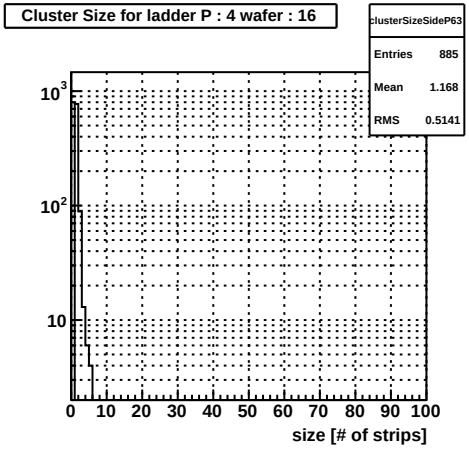

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 3721
Mean 1.09
RMS 0.3781
size [# of strips]

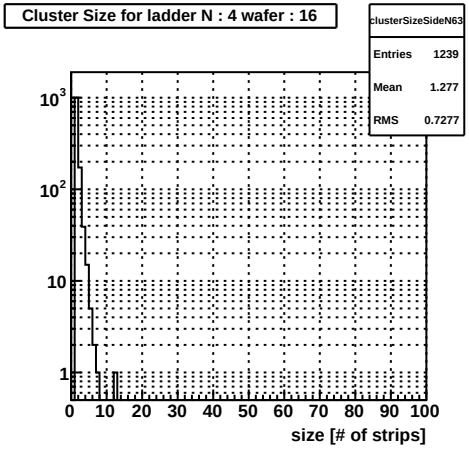

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 1305
Mean 1.279
RMS 0.706
size [# of strips]

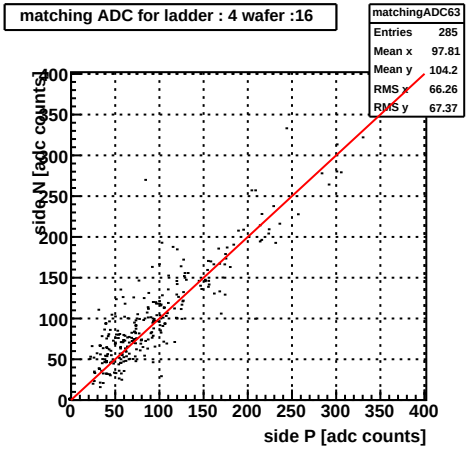

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 317
Mean x 94.1
Mean y 92.85
RMS x 65.68
RMS y 66.12
side N [adc counts]
side P [adc counts]

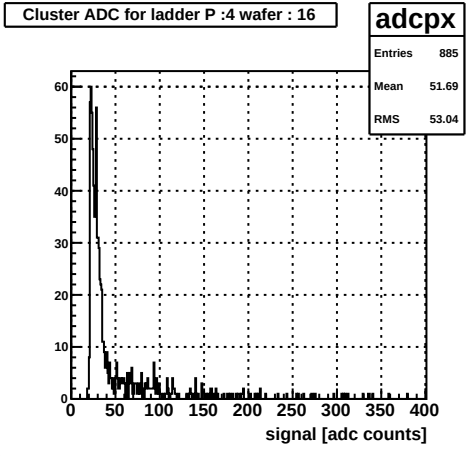

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 3721
Mean 31.08
RMS 29.81
signal [adc counts]

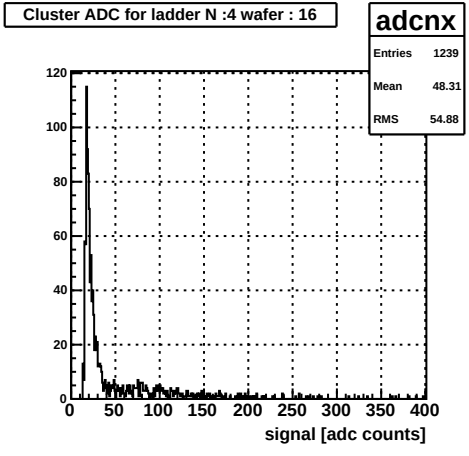

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 1305
Mean 42.59
RMS 52.57
signal [adc counts]

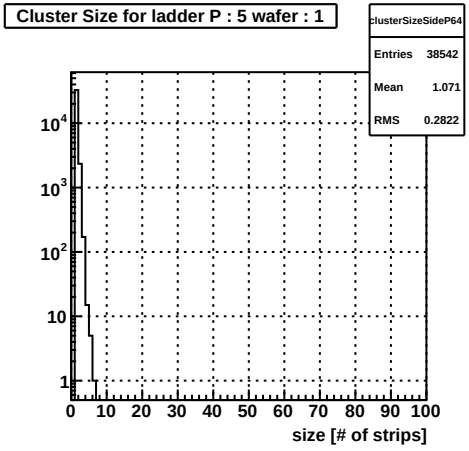

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 885
Mean 1.168
RMS 0.5141
size [# of strips]

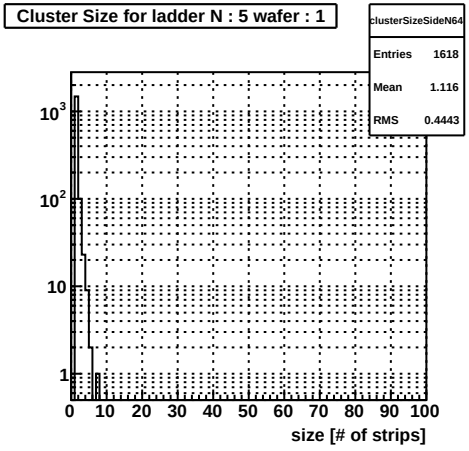

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 1239
Mean 1.277
RMS 0.7277
size [# of strips]

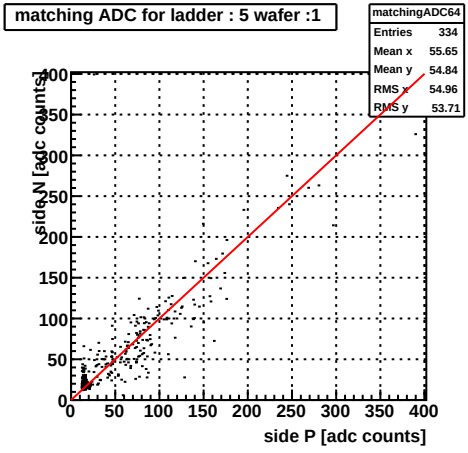

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 285
Mean x 97.81
Mean y 104.2
RMS x 66.26
RMS y 67.37
side N [adc counts]
side P [adc counts]

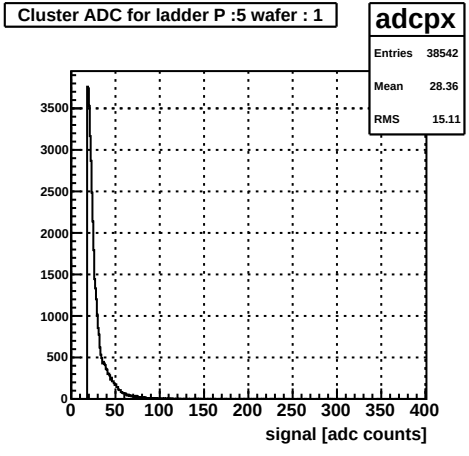

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 885
Mean 51.69
RMS 53.04
signal [adc counts]

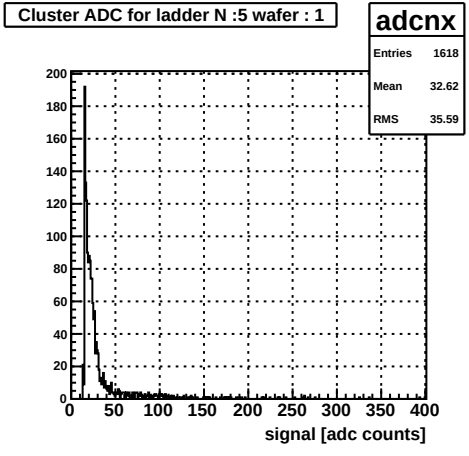

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 1239
Mean 48.31
RMS 54.88
signal [adc counts]

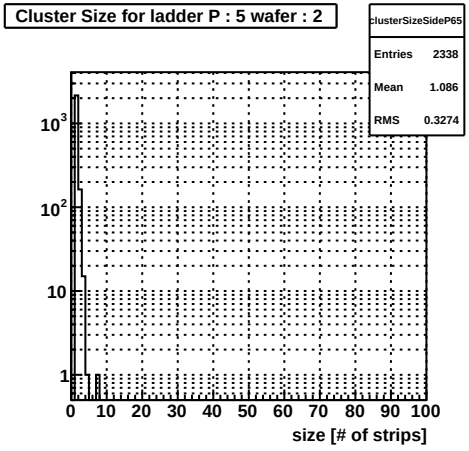

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 38542
Mean 1.071
RMS 0.2822
size [# of strips]

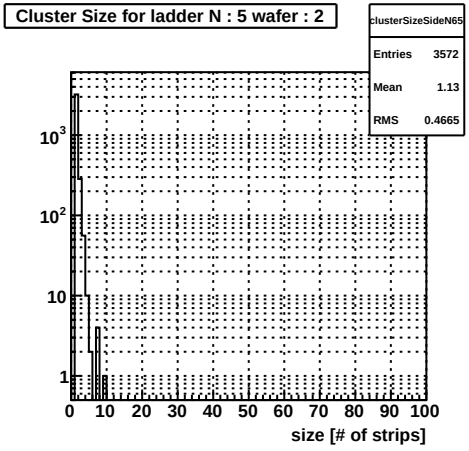

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 1618
Mean 1.116
RMS 0.4443
size [# of strips]

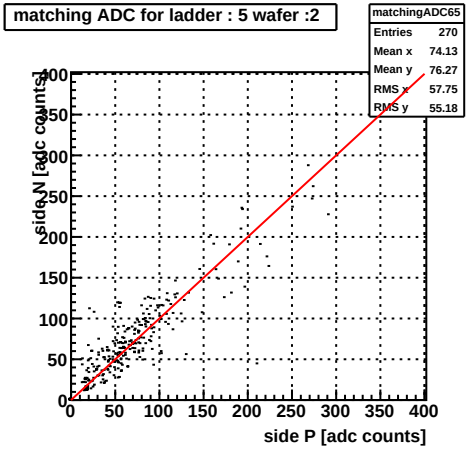

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 334
Mean x 55.65
Mean y 54.84
RMS x 54.96
RMS y 53.71
side N [adc counts]
side P [adc counts]

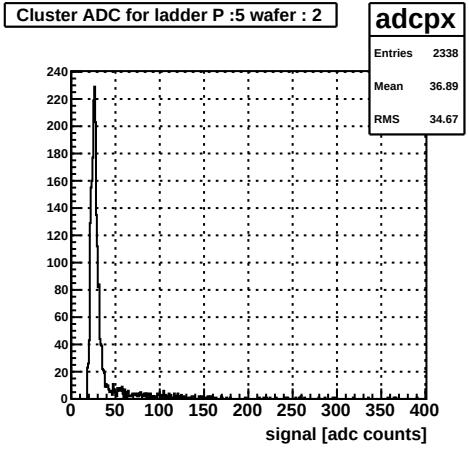

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 38542
Mean 28.36
RMS 15.11
signal [adc counts]

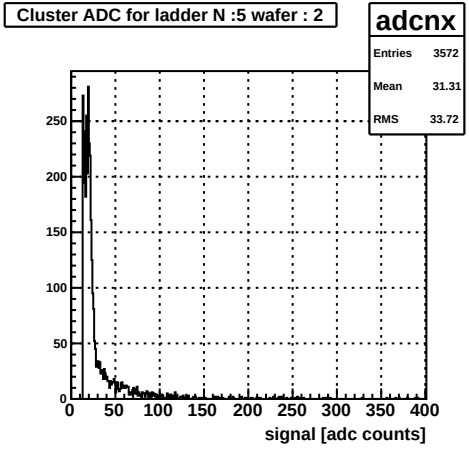

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 1618
Mean 32.62
RMS 35.59
signal [adc counts]

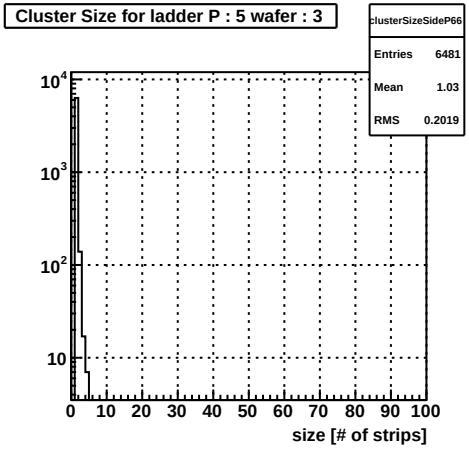

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 2338
Mean 1.086
RMS 0.3274
size [# of strips]

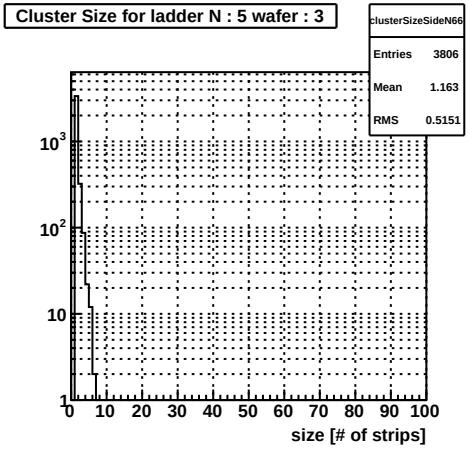

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 3572
Mean 1.13
RMS 0.4665
size [# of strips]

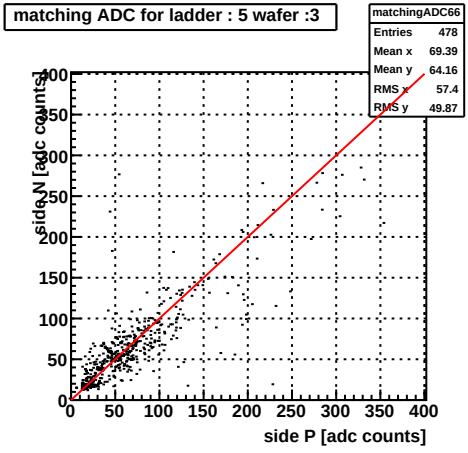

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 270
Mean x 74.13
Mean y 76.27
RMS x 57.75
RMS y 55.18
side N [adc counts]
side P [adc counts]

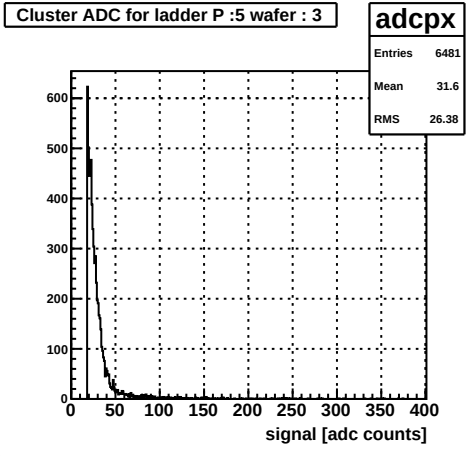

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 2338
Mean 36.89
RMS 34.67
signal [adc counts]

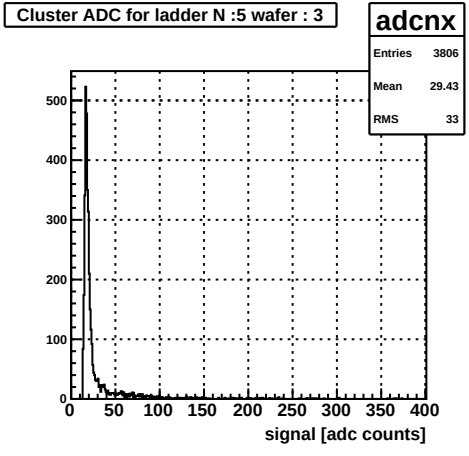

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 3572
Mean 31.31
RMS 33.72
signal [adc counts]

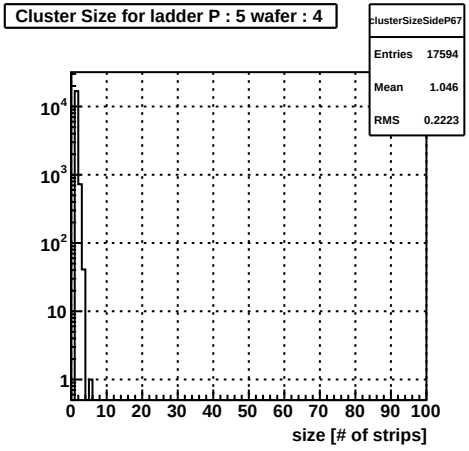

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 6481
Mean 1.03
RMS 0.2019
size [# of strips]

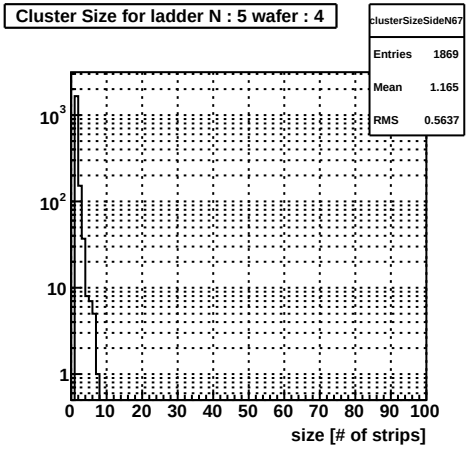

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 3806
Mean 1.163
RMS 0.5151
size [# of strips]

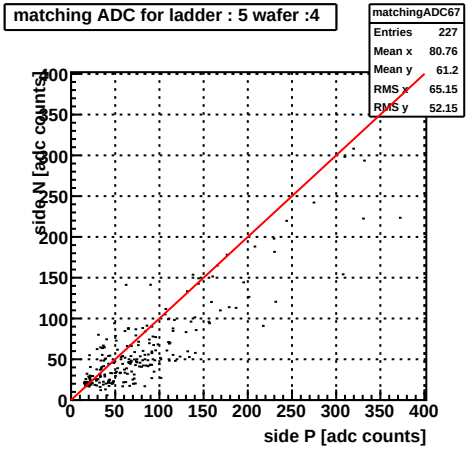

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 478
Mean x 69.39
Mean y 64.16
RMS x 57.4
RMS y 49.87
side N [adc counts]
side P [adc counts]

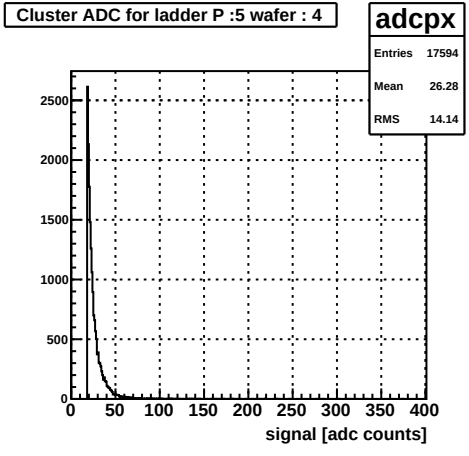

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 6481
Mean 31.6
RMS 26.38
signal [adc counts]

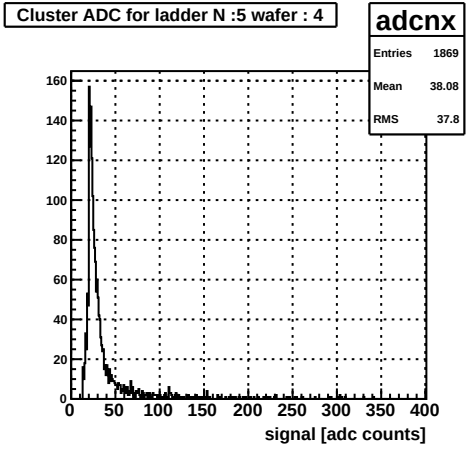

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 3806
Mean 29.43
RMS 33
signal [adc counts]

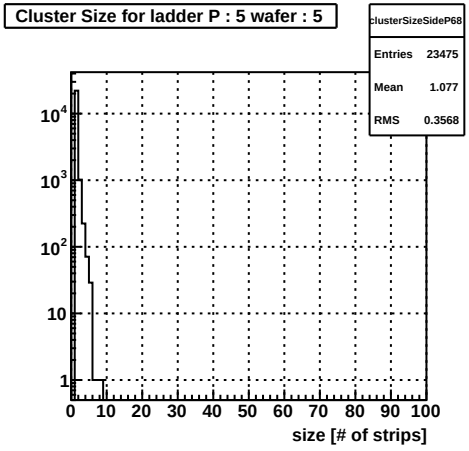

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 17594
Mean 1.046
RMS 0.2223
size [# of strips]

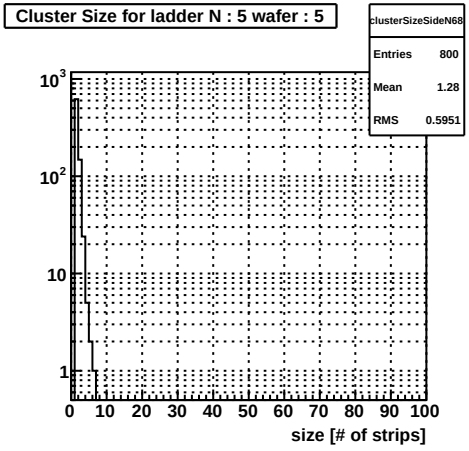

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 1869
Mean 1.165
RMS 0.5637
size [# of strips]

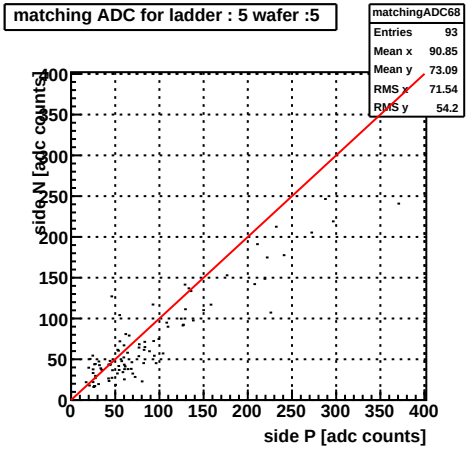

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 227
Mean x 80.76
Mean y 61.2
RMS x 65.15
RMS y 52.15
side N [adc counts]
side P [adc counts]

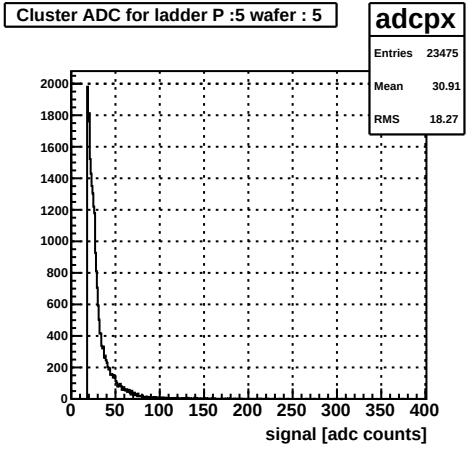

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 17594
Mean 26.28
RMS 14.14
signal [adc counts]

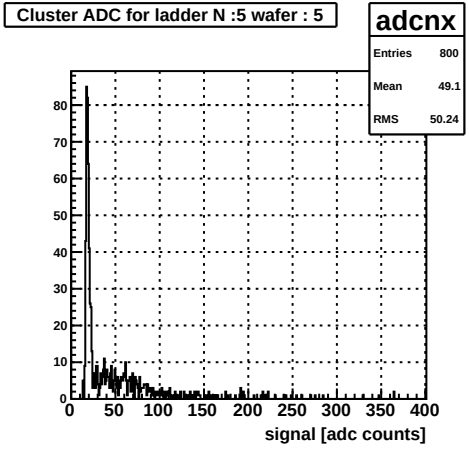

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 1869
Mean 38.08
RMS 37.8
signal [adc counts]

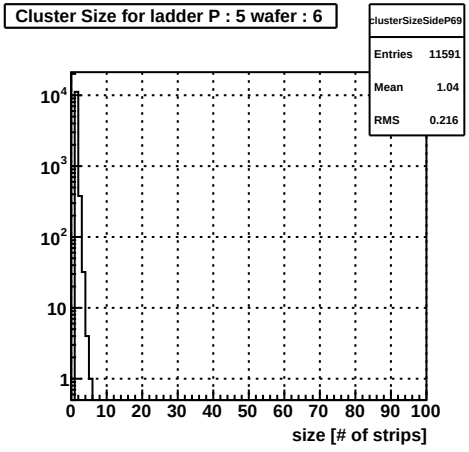

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 23475
Mean 1.077
RMS 0.3568
size [# of strips]

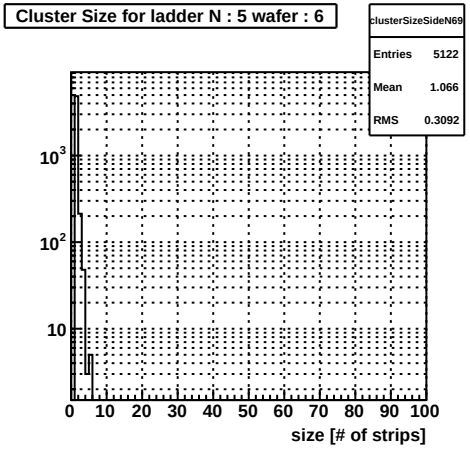

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 800
Mean 1.28
RMS 0.5951
size [# of strips]

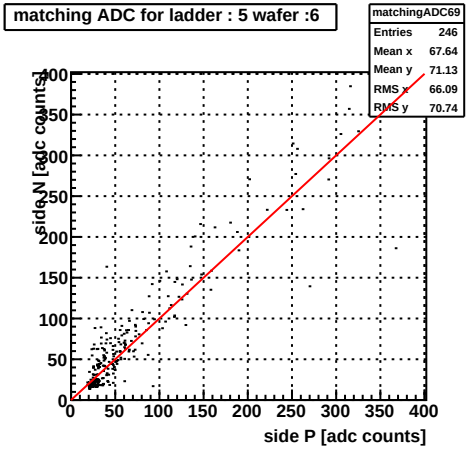

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 93
Mean x 90.85
Mean y 73.09
RMS x 71.54
RMS y 54.2
side N [adc counts]
side P [adc counts]

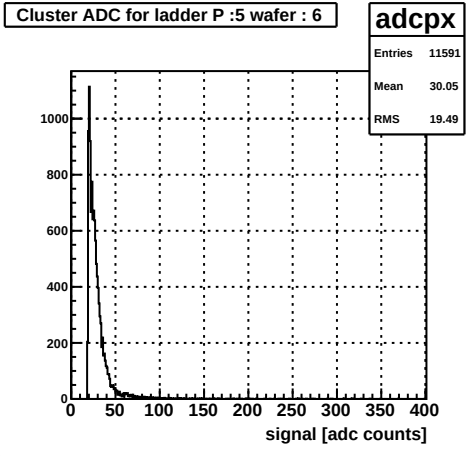

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 23475
Mean 30.91
RMS 18.27
signal [adc counts]

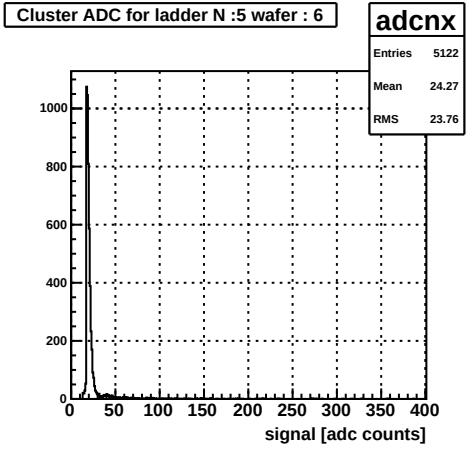

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 800
Mean 49.1
RMS 50.24
signal [adc counts]

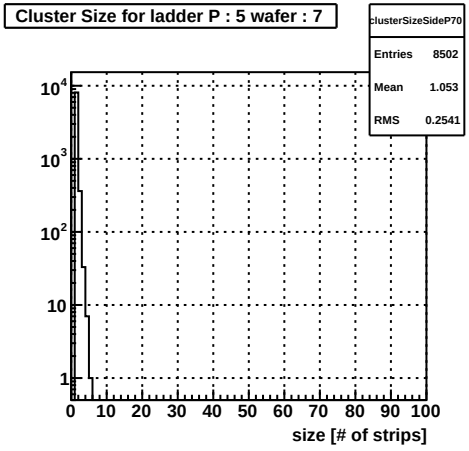

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 11591
Mean 1.04
RMS 0.216
size [# of strips]

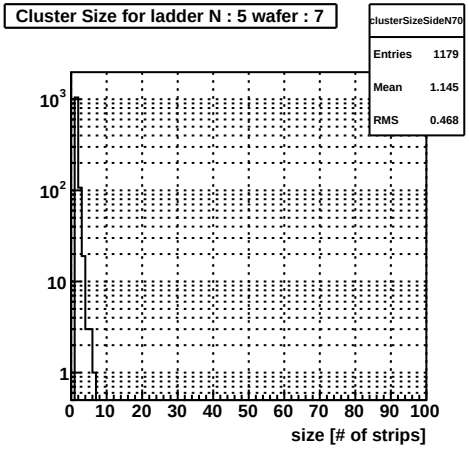

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 5122
Mean 1.066
RMS 0.3092
size [# of strips]

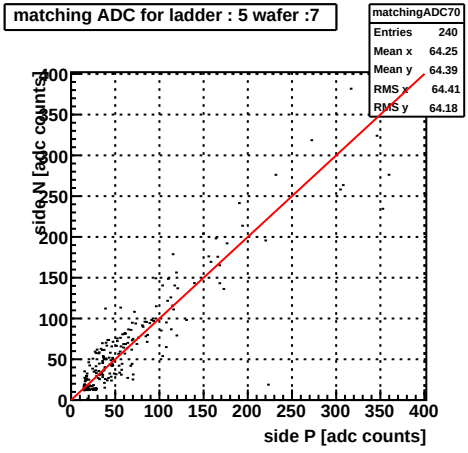

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 246
Mean x 67.64
Mean y 71.13
RMS x 66.09
RMS y 70.74
side N [adc counts]
side P [adc counts]

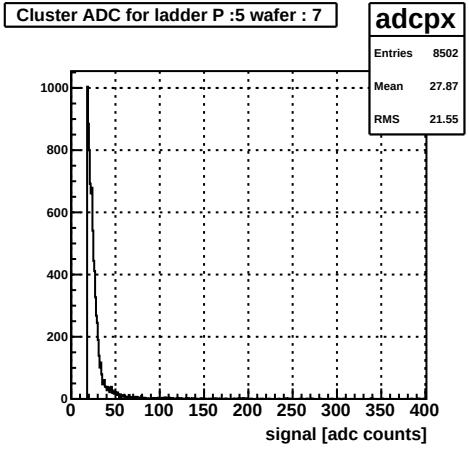

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 11591
Mean 30.05
RMS 19.49
signal [adc counts]

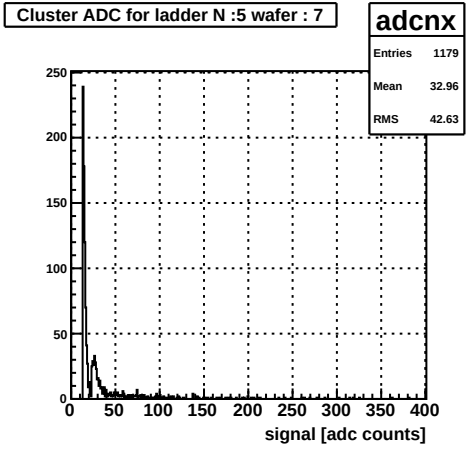

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 5122
Mean 24.27
RMS 23.76
signal [adc counts]

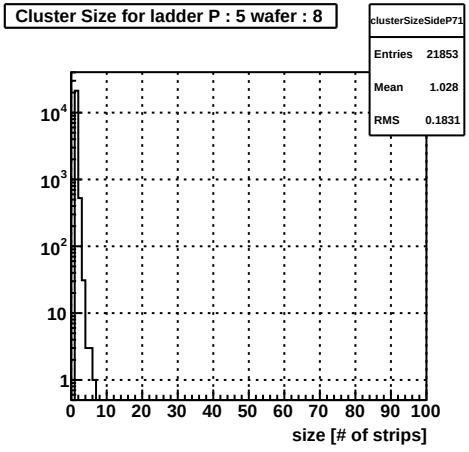

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 8502
Mean 1.053
RMS 0.2541
size [# of strips]

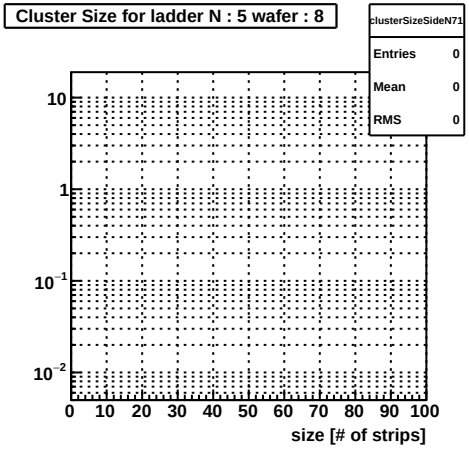

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1179
Mean 1.145
RMS 0.468
size [# of strips]

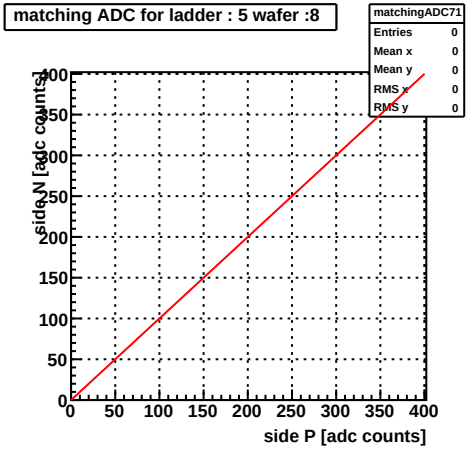

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 240
Mean x 64.25
Mean y 64.39
RMS x 64.41
RMS y 64.18
side N [adc counts]
side P [adc counts]

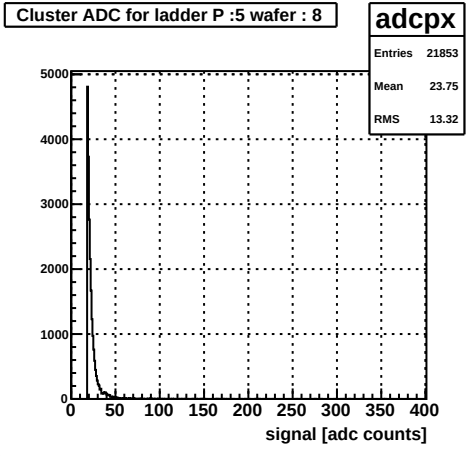

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 8502
Mean 27.87
RMS 21.55
signal [adc counts]

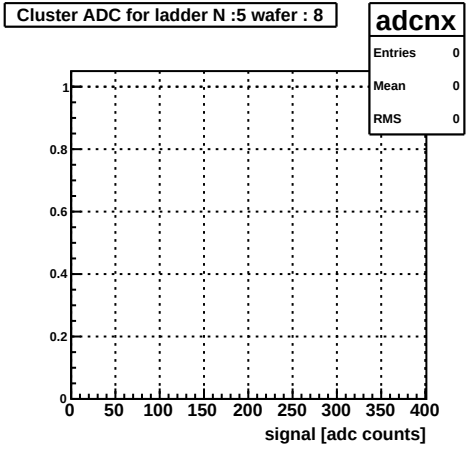

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1179
Mean 32.96
RMS 42.63
signal [adc counts]

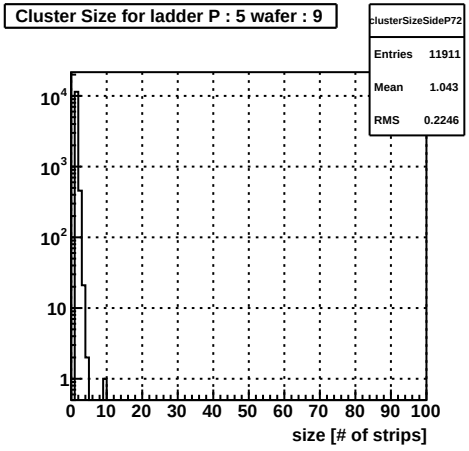

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 21853
Mean 1.028
RMS 0.1831
size [# of strips]

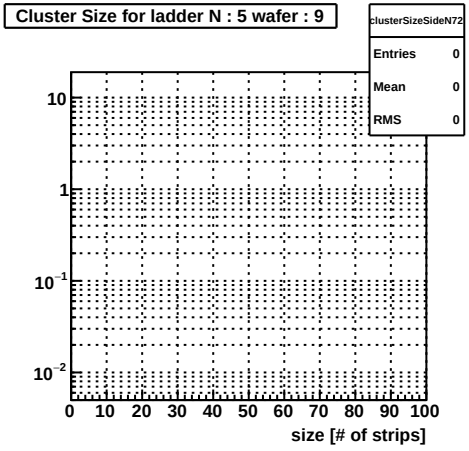

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

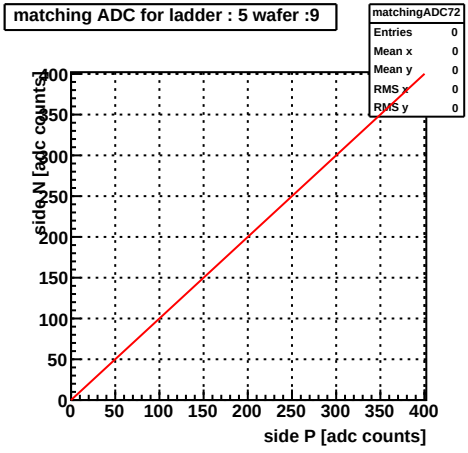

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

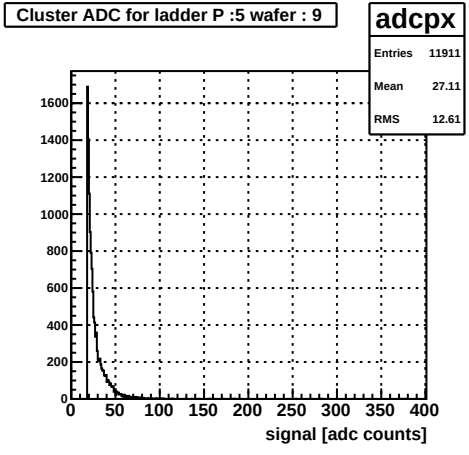

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 21853
Mean 23.75
RMS 13.32
signal [adc counts]

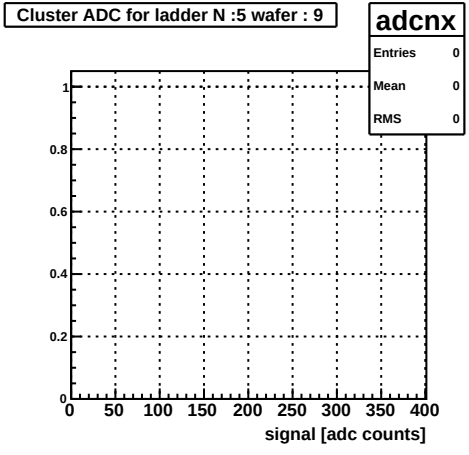

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

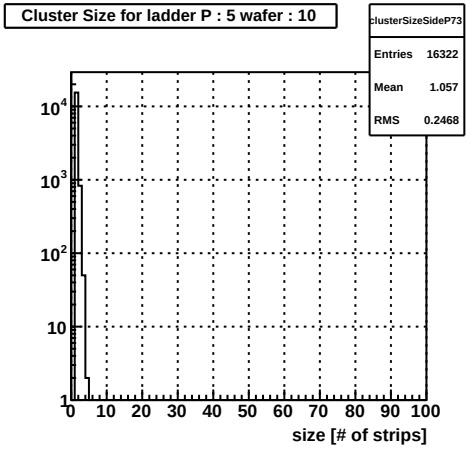

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 11911
Mean 1.043
RMS 0.2246
size [# of strips]

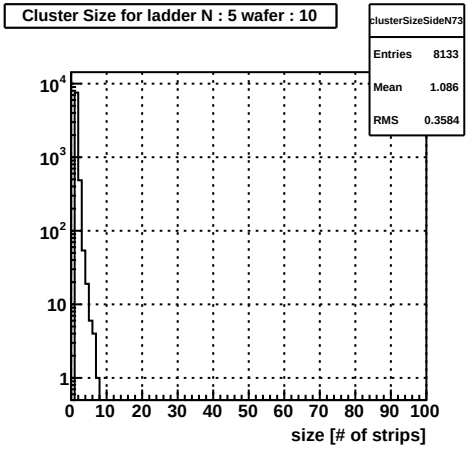

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

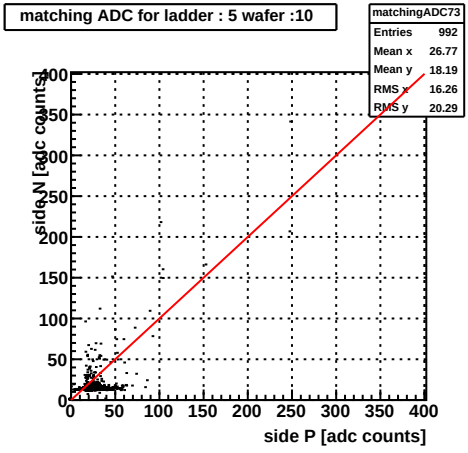

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

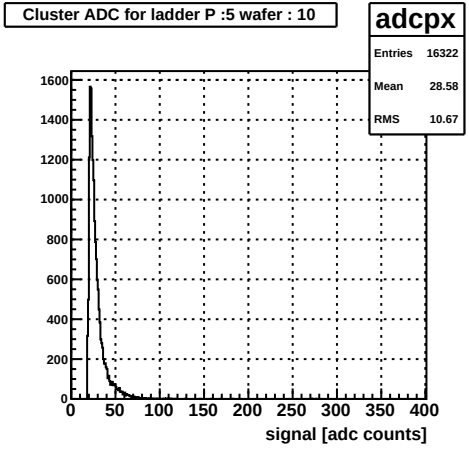

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 11911
Mean 27.11
RMS 12.61
signal [adc counts]

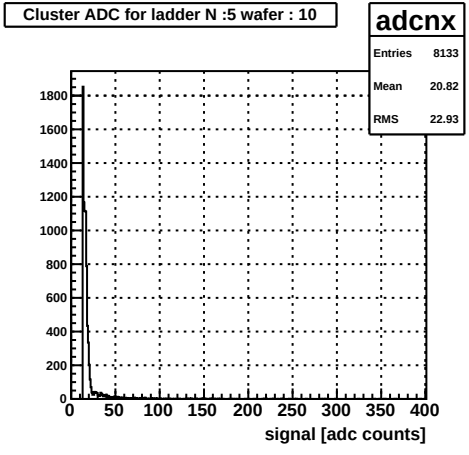

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

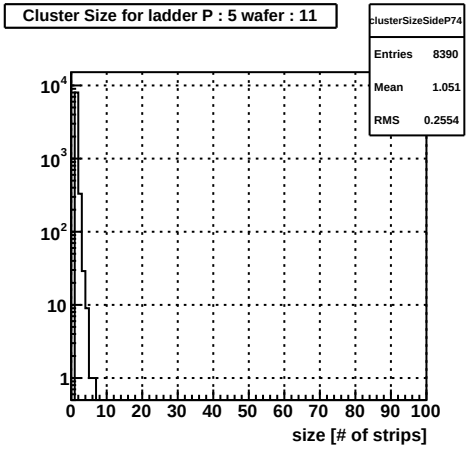

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 16322
Mean 1.057
RMS 0.2468
size [# of strips]

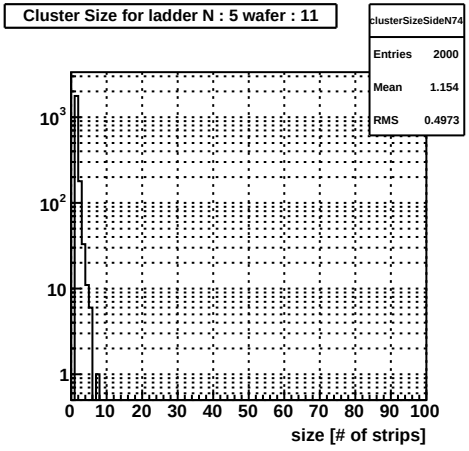

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 8133
Mean 1.086
RMS 0.3584
size [# of strips]

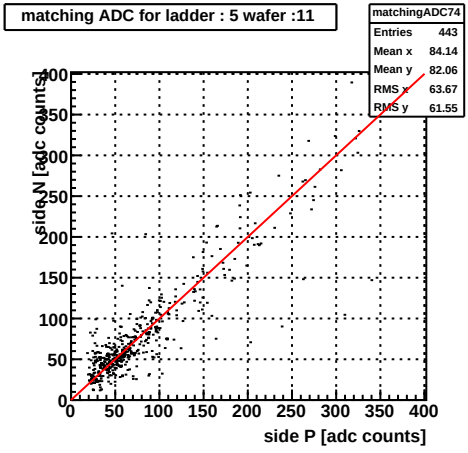

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 992
Mean x 26.77
Mean y 18.19
RMS x 16.26
RMS y 20.29
side N [adc counts]
side P [adc counts]

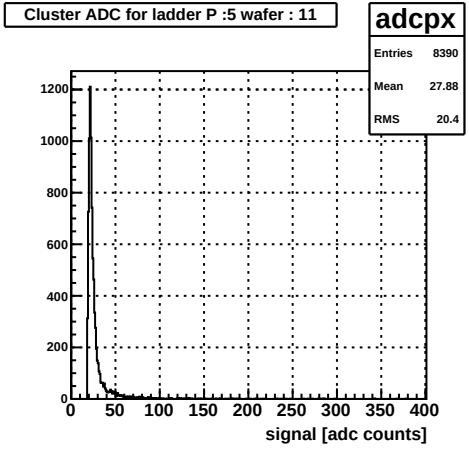

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 16322
Mean 28.58
RMS 10.67
signal [adc counts]

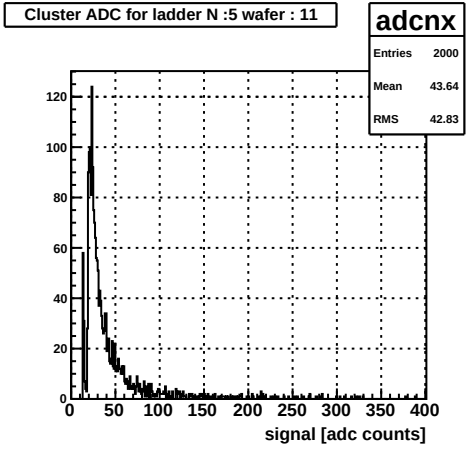

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 8133
Mean 20.82
RMS 22.93
signal [adc counts]

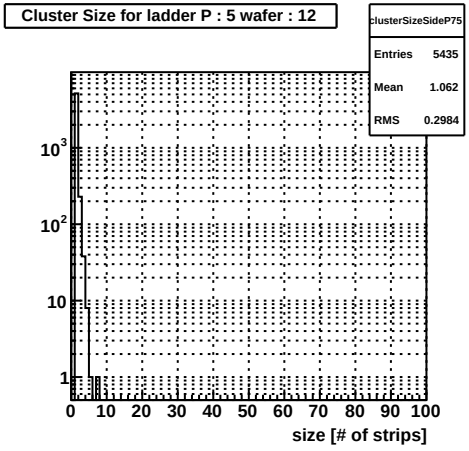

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 8390
Mean 1.051
RMS 0.2554
size [# of strips]

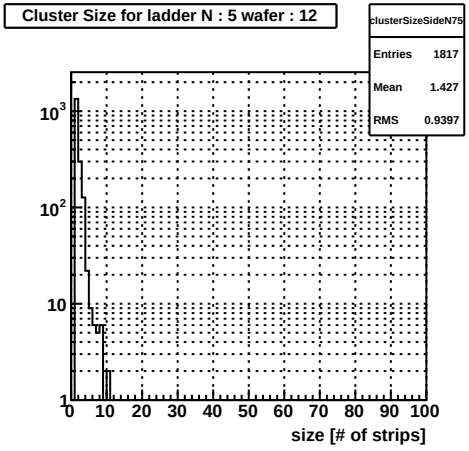

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 2000
Mean 1.154
RMS 0.4973
size [# of strips]

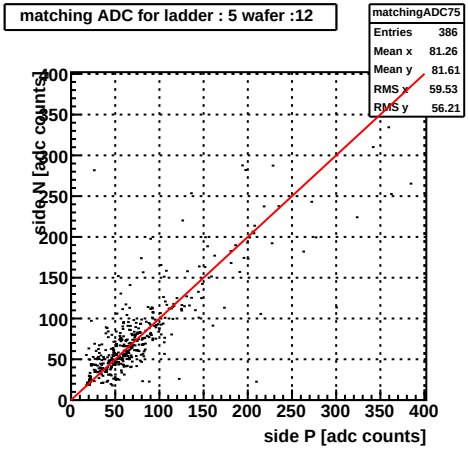

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 443
Mean x 84.14
Mean y 82.06
RMS x 63.67
RMS y 61.55
side N [adc counts]
side P [adc counts]

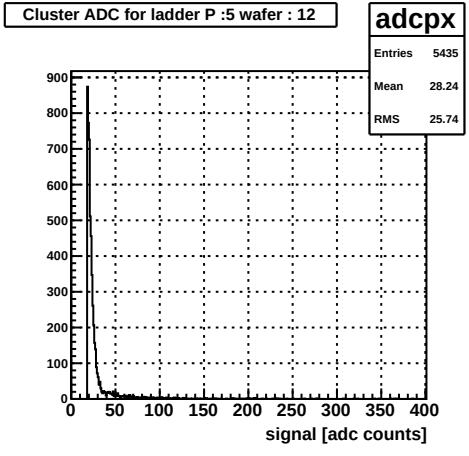

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 8390
Mean 27.88
RMS 20.4
signal [adc counts]

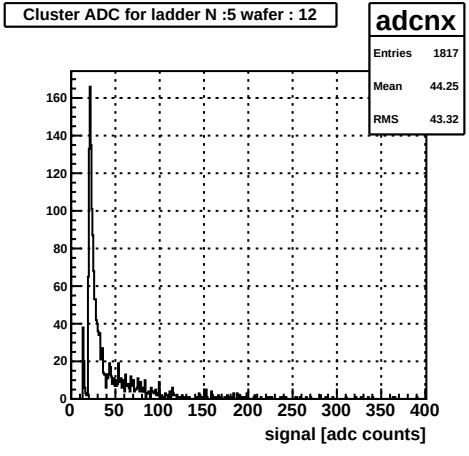

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 2000
Mean 43.64
RMS 42.83
signal [adc counts]

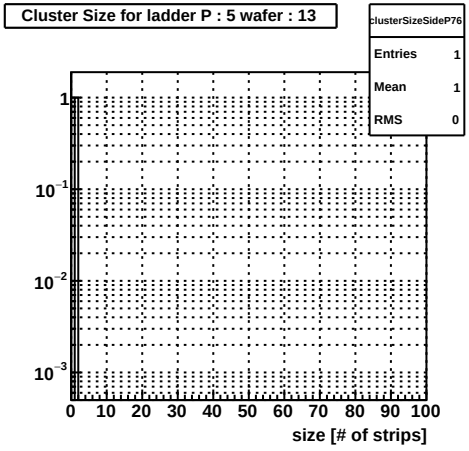

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 5435
Mean 1.062
RMS 0.2984
size [# of strips]

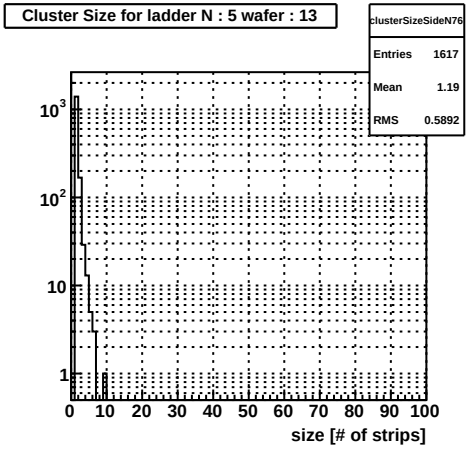

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 1817
Mean 1.427
RMS 0.9397
size [# of strips]

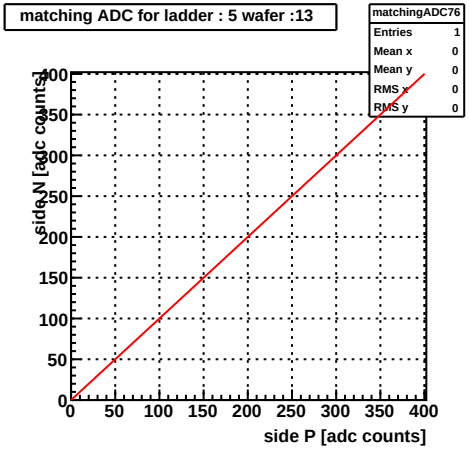

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 386
Mean x 81.26
Mean y 81.61
RMS x 59.53
RMS y 56.21
side N [adc counts]
side P [adc counts]

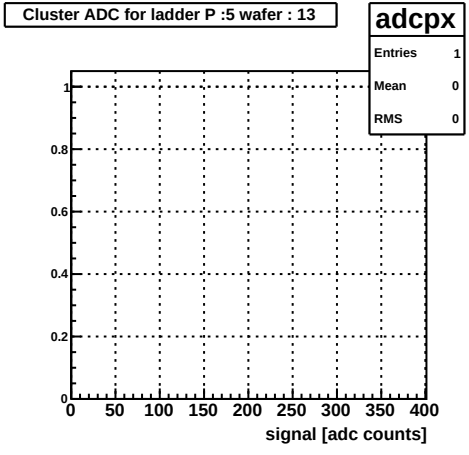

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 5435
Mean 28.24
RMS 25.74
signal [adc counts]

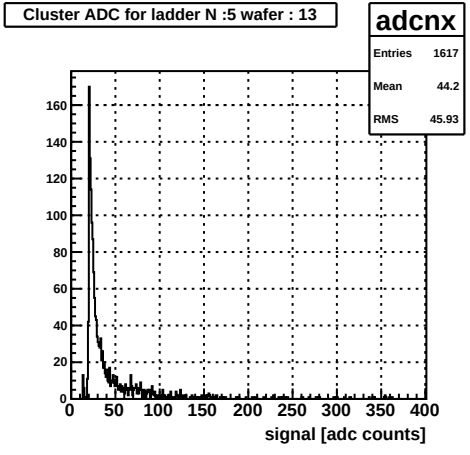

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 1817
Mean 44.25
RMS 43.32
signal [adc counts]

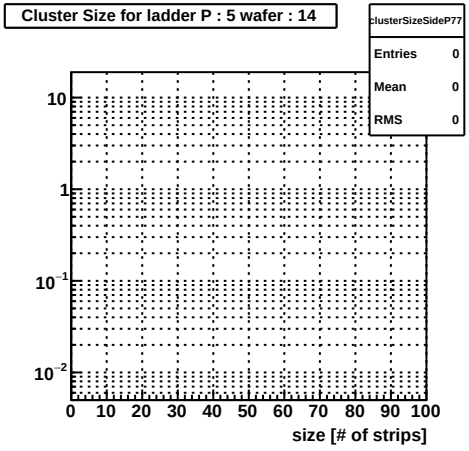

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 1
Mean 1
RMS 0
size [# of strips]

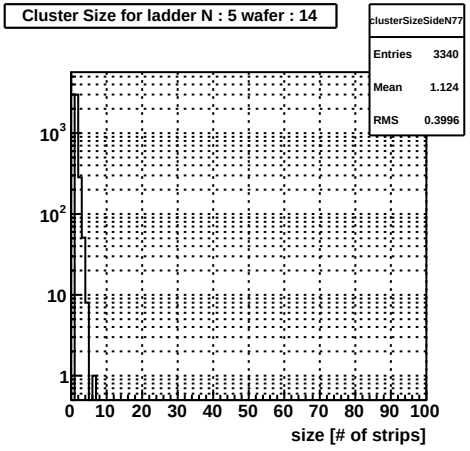

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 1617
Mean 1.19
RMS 0.5892
size [# of strips]

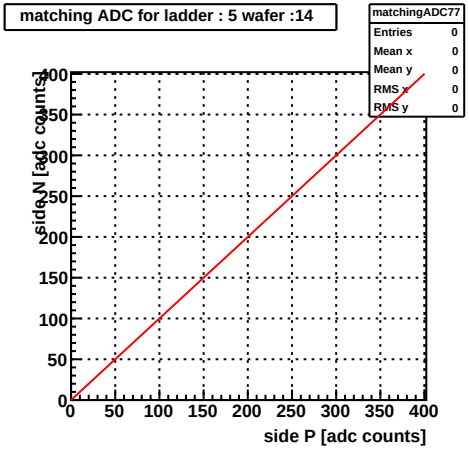

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

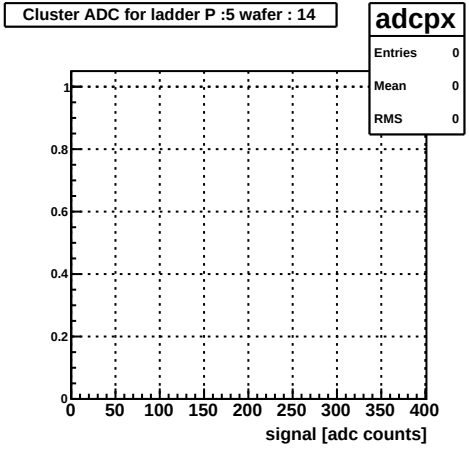

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

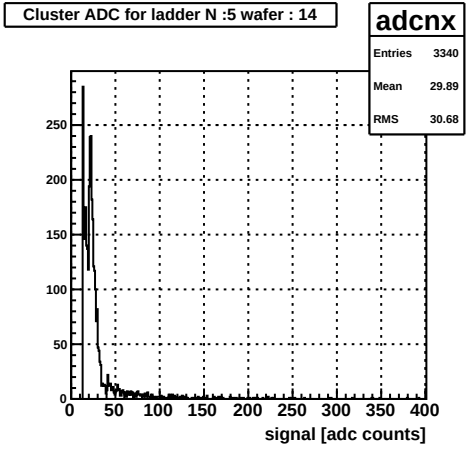

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 1617
Mean 44.2
RMS 45.93
signal [adc counts]

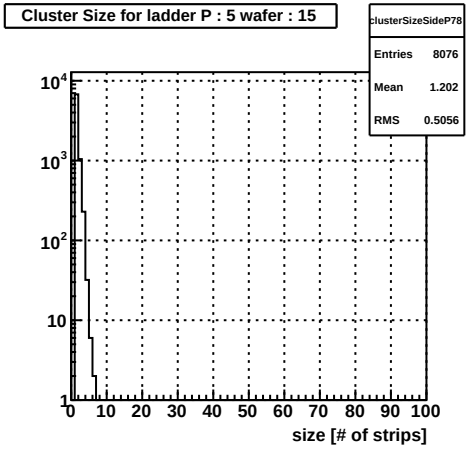

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

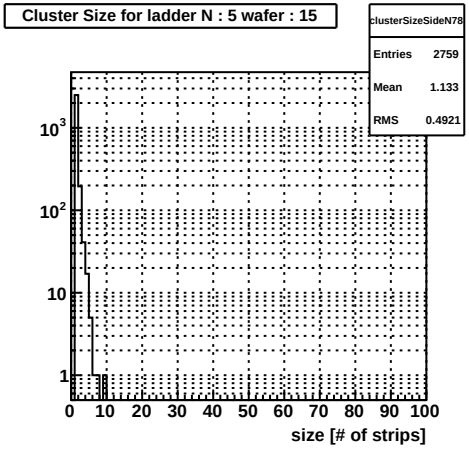

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 3340
Mean 1.124
RMS 0.3996
size [# of strips]

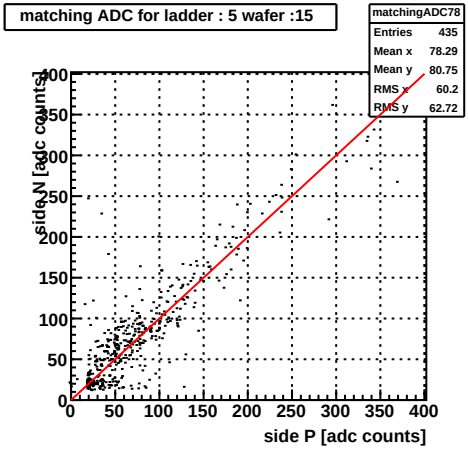

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

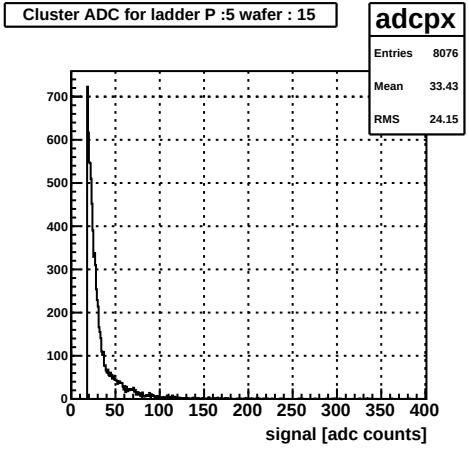

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

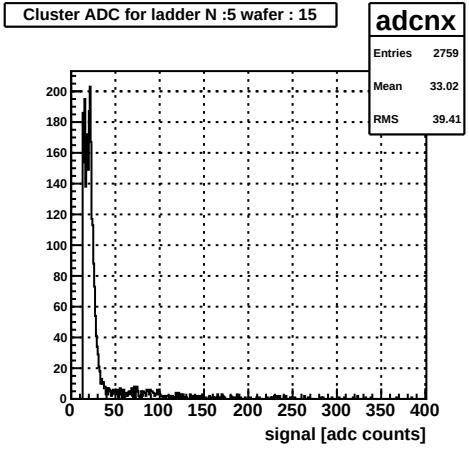

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 3340
Mean 29.89
RMS 30.68
signal [adc counts]

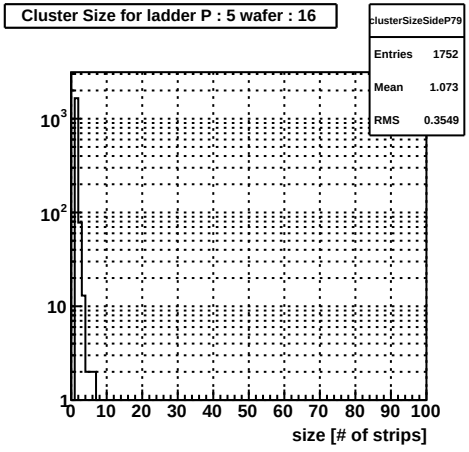

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 8076
Mean 1.202
RMS 0.5056
size [# of strips]

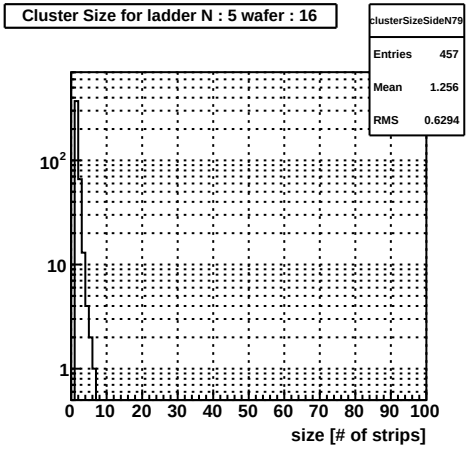

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 2759
Mean 1.133
RMS 0.4921
size [# of strips]

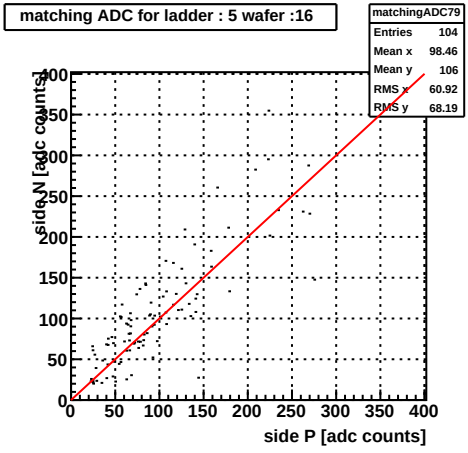

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 435
Mean x 78.29
Mean y 80.75
RMS x 60.2
RMS y 62.72
side N [adc counts]
side P [adc counts]

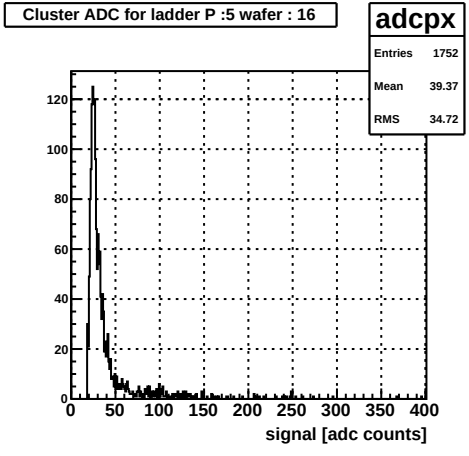

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 8076
Mean 33.43
RMS 24.15
signal [adc counts]

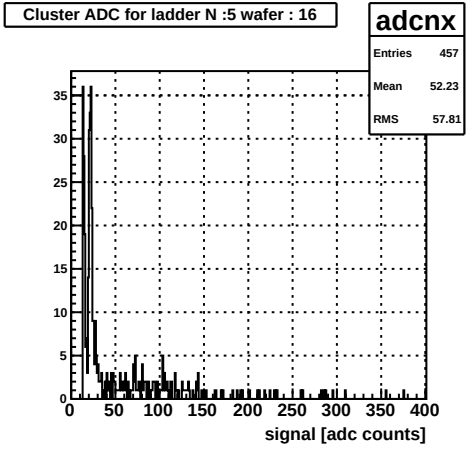

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 2759
Mean 33.02
RMS 39.41
signal [adc counts]

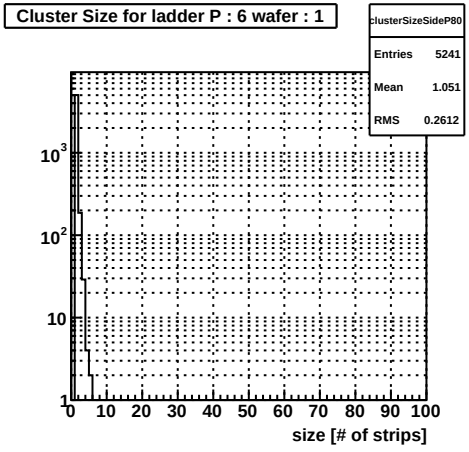

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 1752
Mean 1.073
RMS 0.3549
size [# of strips]

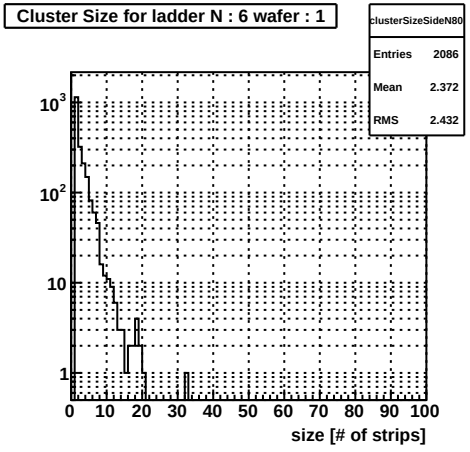

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 457
Mean 1.256
RMS 0.6294
size [# of strips]

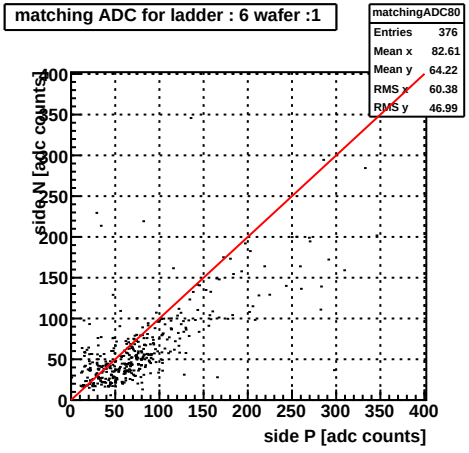

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 104
Mean x 98.46
Mean y 106
RMS x 60.92
RMS y 68.19
side N [adc counts]
side P [adc counts]

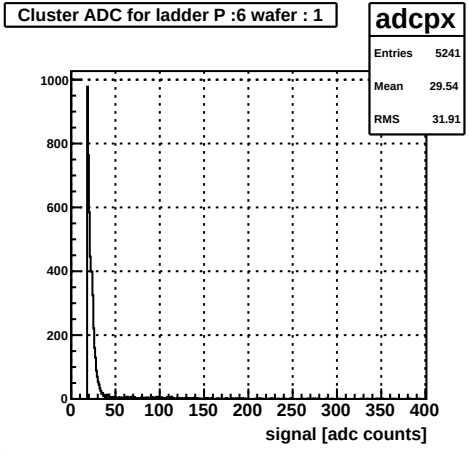

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 1752
Mean 39.37
RMS 34.72
signal [adc counts]

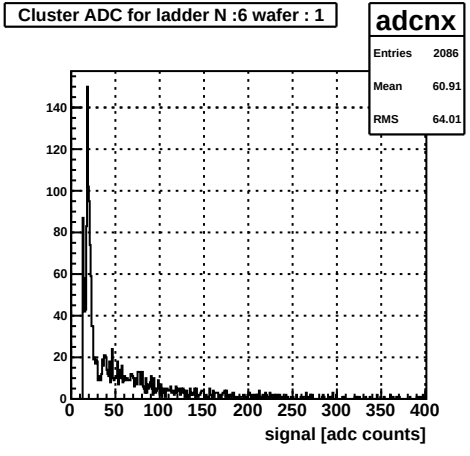

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 457
Mean 52.23
RMS 57.81
signal [adc counts]

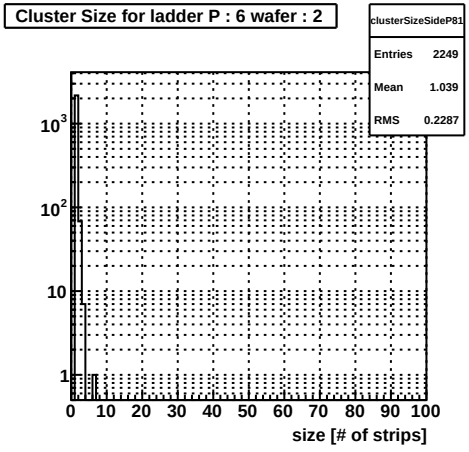

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 5241
Mean 1.051
RMS 0.2612
size [# of strips]

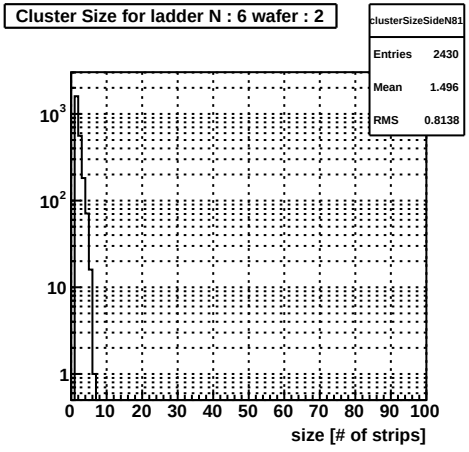

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 2086
Mean 2.372
RMS 2.432
size [# of strips]

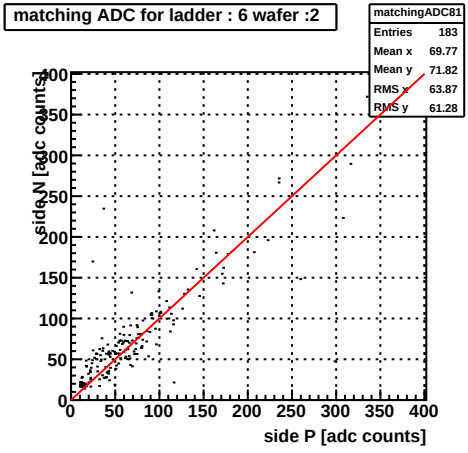

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 376
Mean x 82.61
Mean y 64.22
RMS x 60.38
RMS y 46.99
side N [adc counts]
side P [adc counts]

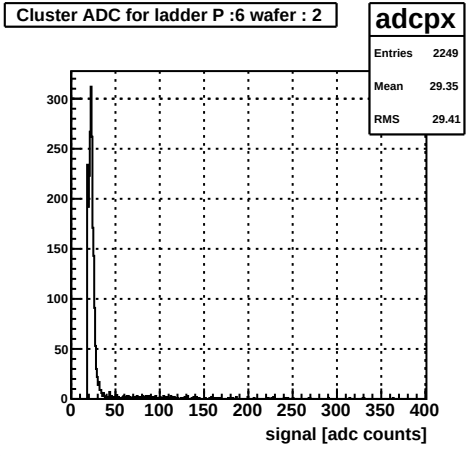

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 5241
Mean 29.54
RMS 31.91
signal [adc counts]

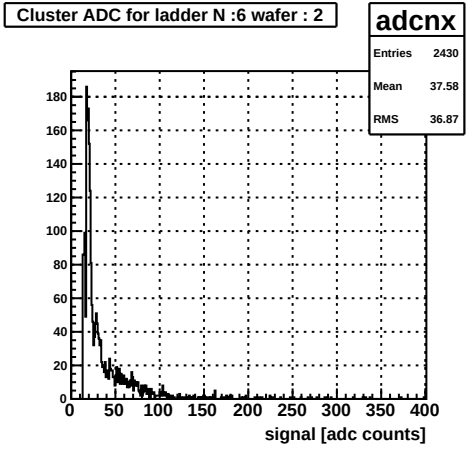

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 2086
Mean 60.91
RMS 64.01
signal [adc counts]

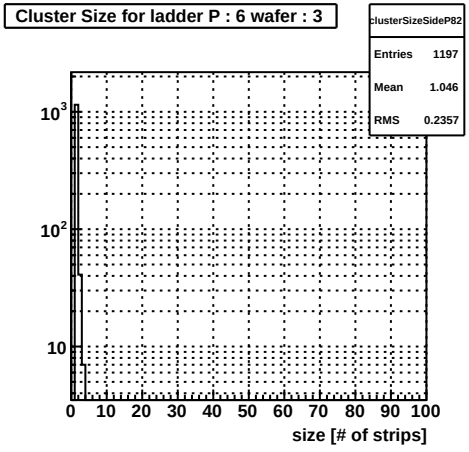

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 2249
Mean 1.039
RMS 0.2287
size [# of strips]

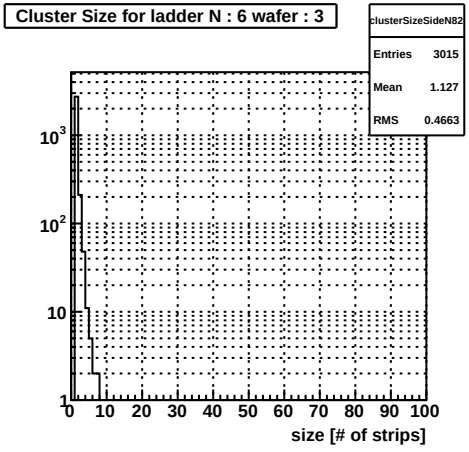

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 2430
Mean 1.496
RMS 0.8138
size [# of strips]

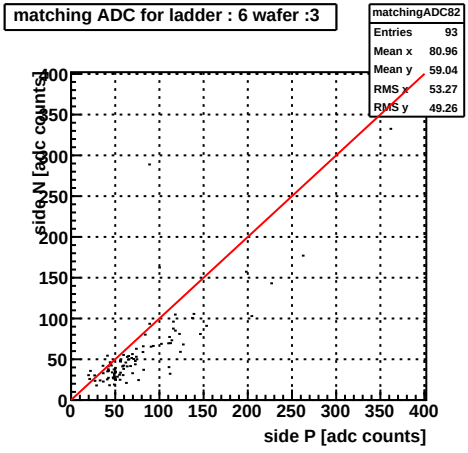

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 183
Mean x 69.77
Mean y 71.82
RMS x 63.87
RMS y 61.28
side N [adc counts]
side P [adc counts]

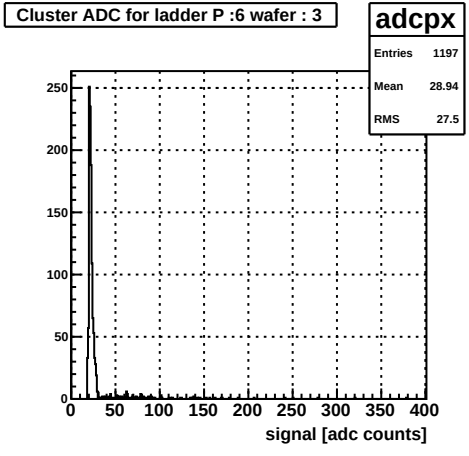

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 2249
Mean 29.35
RMS 29.41
signal [adc counts]

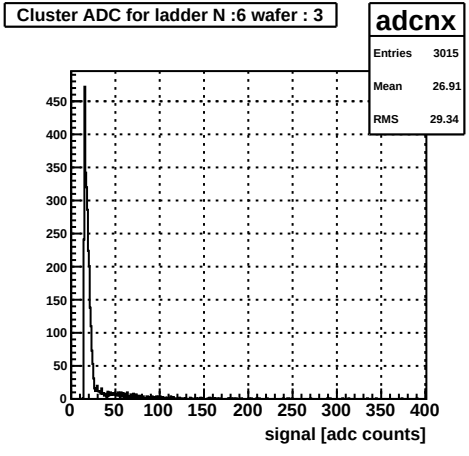

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 2430
Mean 37.58
RMS 36.87
signal [adc counts]

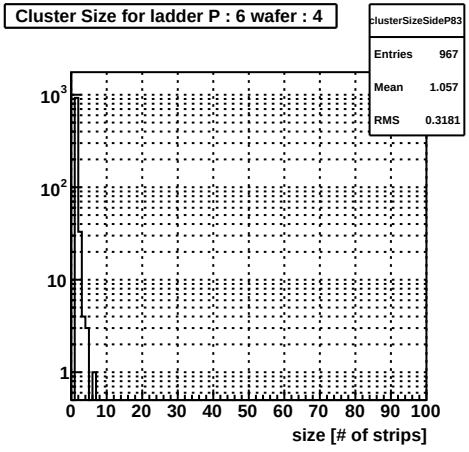

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1197
Mean 1.046
RMS 0.2357
size [# of strips]

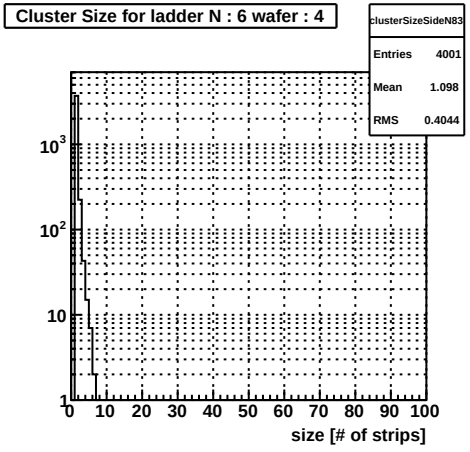

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 3015
Mean 1.127
RMS 0.4663
size [# of strips]

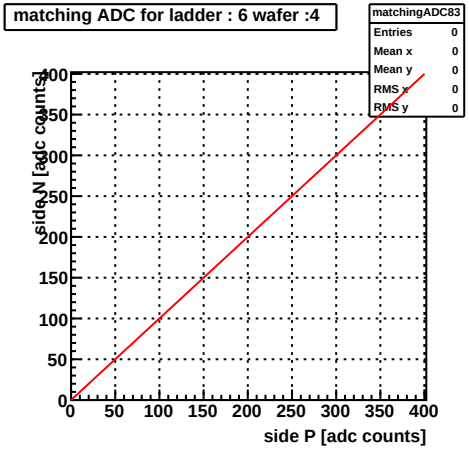

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 93
Mean x 80.96
Mean y 59.04
RMS x 53.27
RMS y 49.26
side N [adc counts]
side P [adc counts]

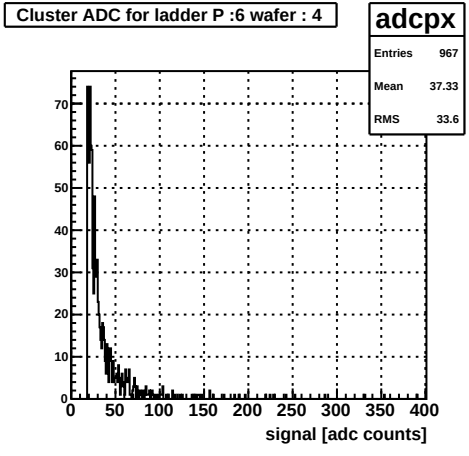

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1197
Mean 28.94
RMS 27.5
signal [adc counts]

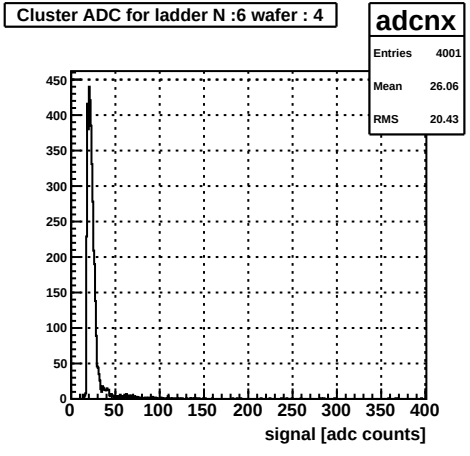

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 3015
Mean 26.91
RMS 29.34
signal [adc counts]

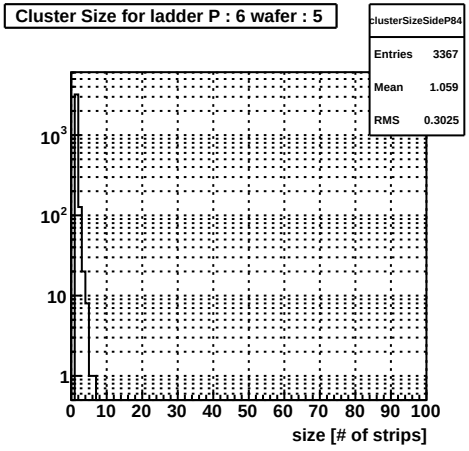

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 967
Mean 1.057
RMS 0.3181
size [# of strips]

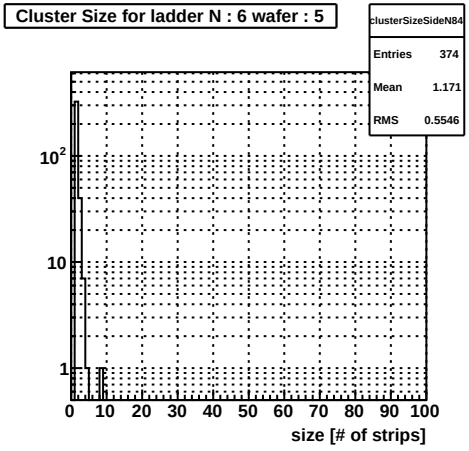

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 4001
Mean 1.098
RMS 0.4044
size [# of strips]

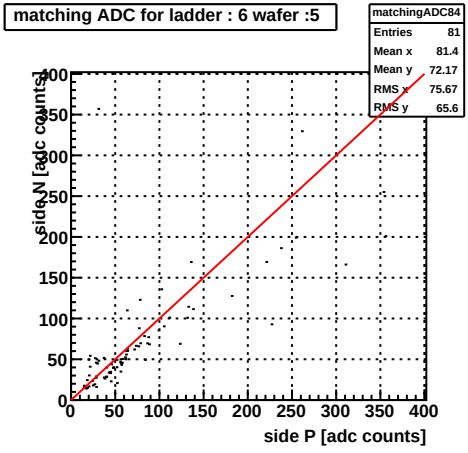

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

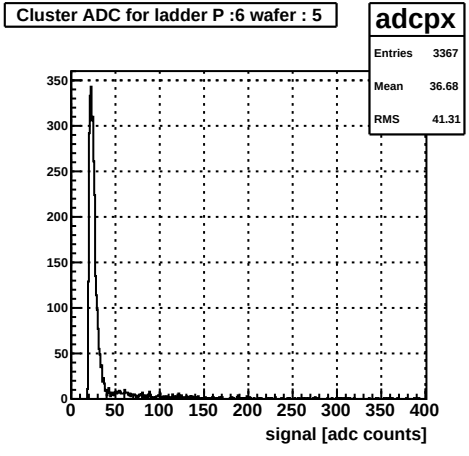

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 967
Mean 37.33
RMS 33.6
signal [adc counts]

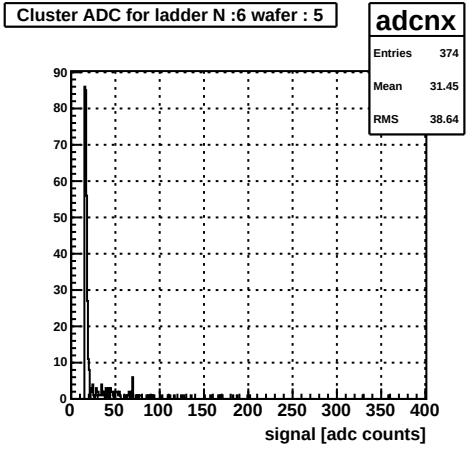

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 4001
Mean 26.06
RMS 20.43
signal [adc counts]

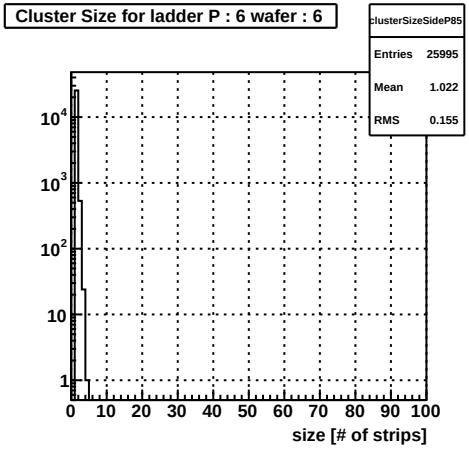

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 3367
Mean 1.059
RMS 0.3025
size [# of strips]

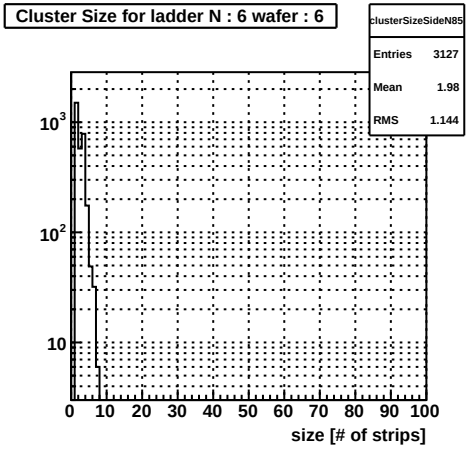

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 374
Mean 1.171
RMS 0.5546
size [# of strips]

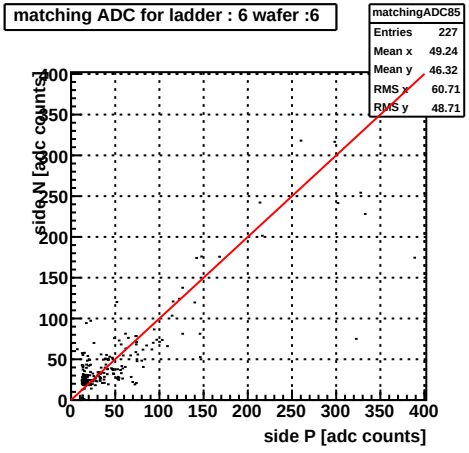

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 81
Mean x 81.4
Mean y 72.17
RMS x 75.67
RMS y 65.6
side N [adc counts]
side P [adc counts]

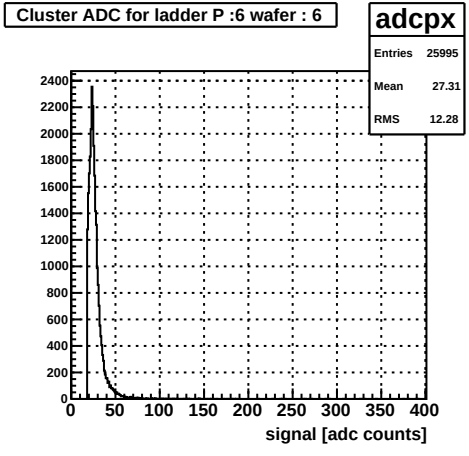

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 3367
Mean 36.68
RMS 41.31
signal [adc counts]

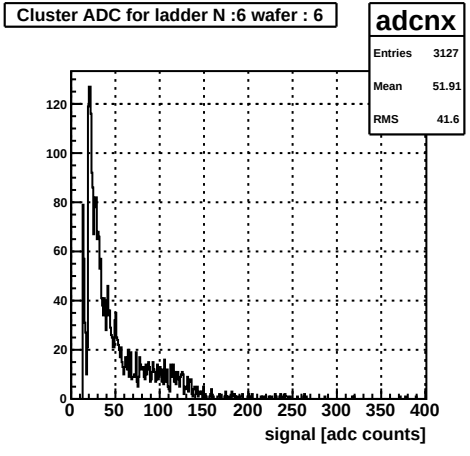

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 374
Mean 31.45
RMS 38.64
signal [adc counts]

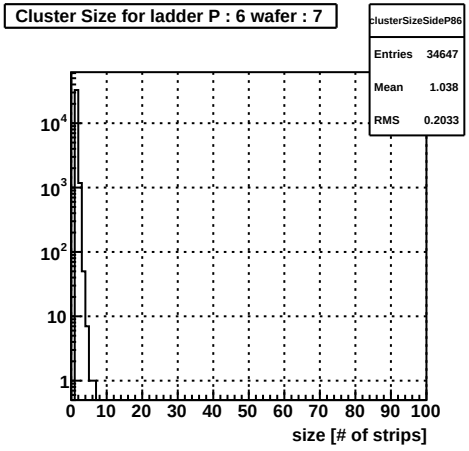

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 25995
Mean 1.022
RMS 0.155
size [# of strips]

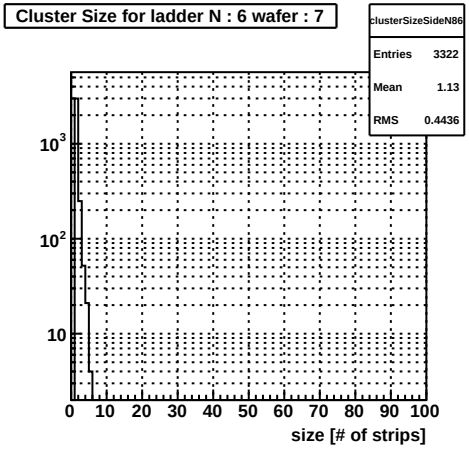

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 3127
Mean 1.98
RMS 1.144
size [# of strips]

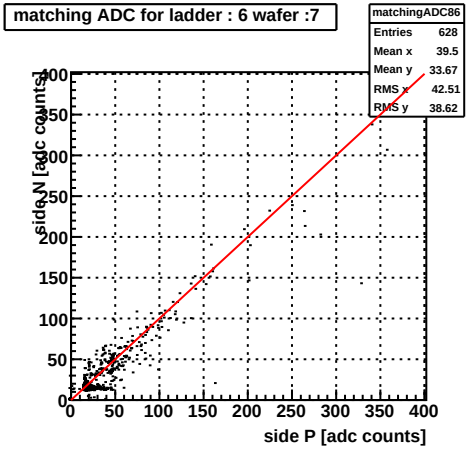

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 227
Mean x 49.24
Mean y 46.32
RMS x 60.71
RMS y 48.71
side N [adc counts]
side P [adc counts]

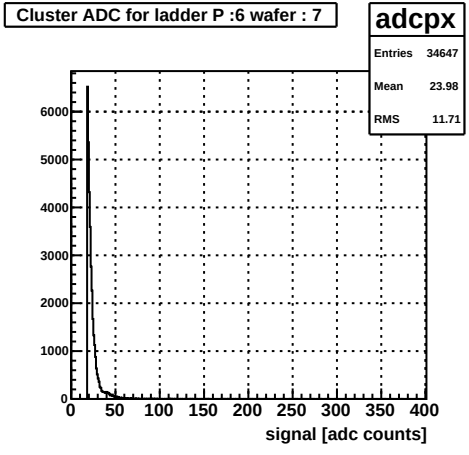

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 25995
Mean 27.31
RMS 12.28
signal [adc counts]

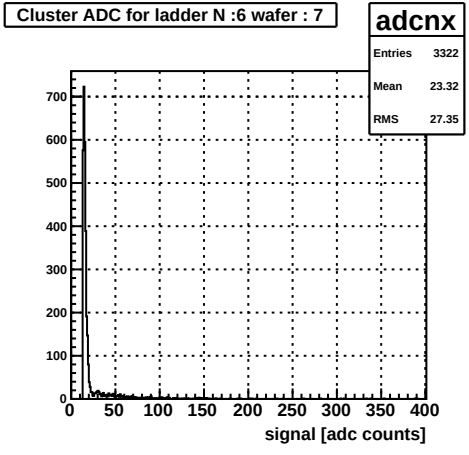

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 3127
Mean 51.91
RMS 41.6
signal [adc counts]

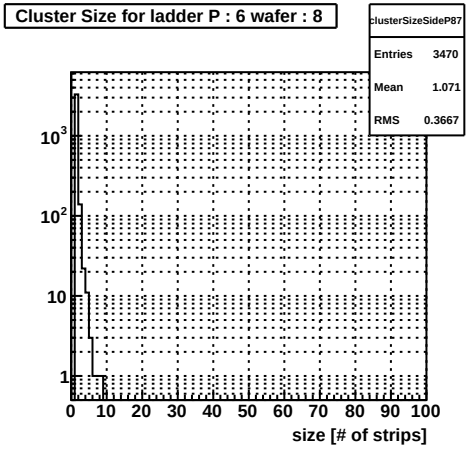

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 34647
Mean 1.038
RMS 0.2033
size [# of strips]

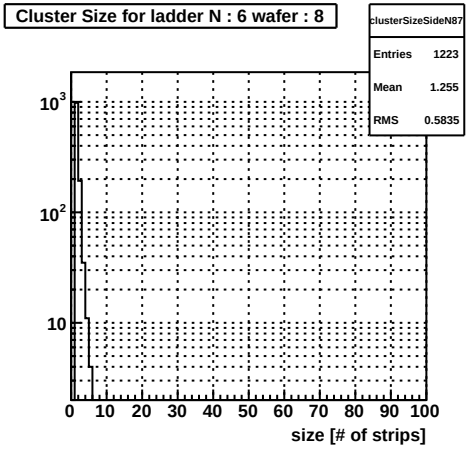

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 3322
Mean 1.13
RMS 0.4436
size [# of strips]

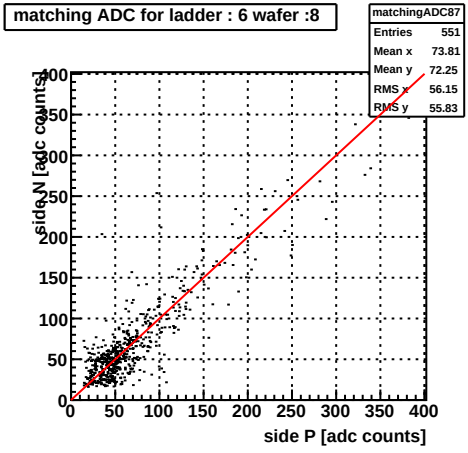

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 628
Mean x 39.5
Mean y 33.67
RMS x 42.51
RMS y 38.62
side N [adc counts]
side P [adc counts]

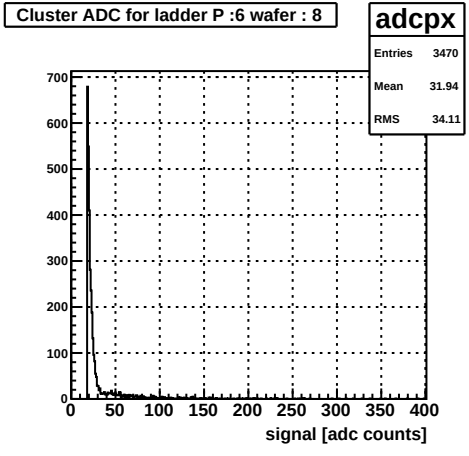

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 34647
Mean 23.98
RMS 11.71
signal [adc counts]

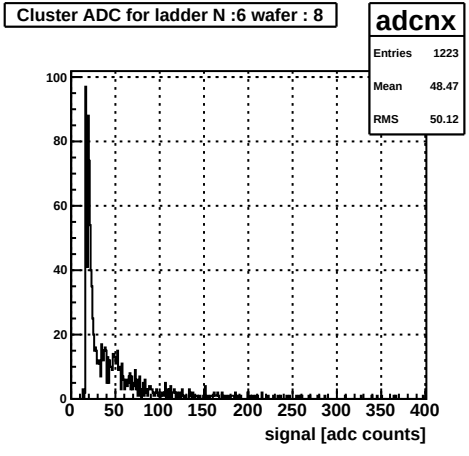

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 3322
Mean 23.32
RMS 27.35
signal [adc counts]

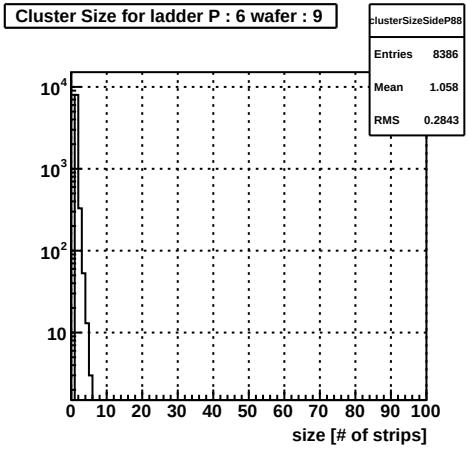

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 3470
Mean 1.071
RMS 0.3667
size [# of strips]

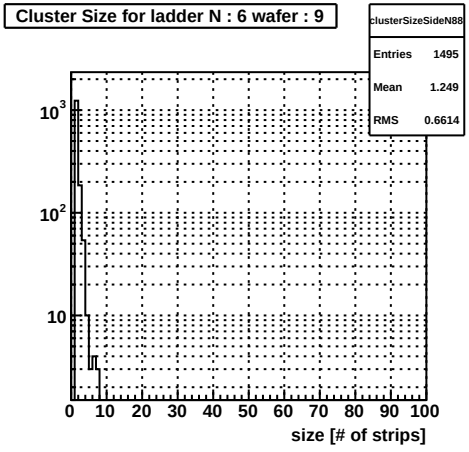

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 1223
Mean 1.255
RMS 0.5835
size [# of strips]

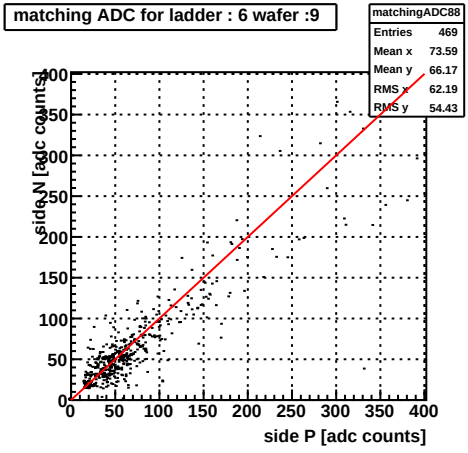

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 551
Mean x 73.81
Mean y 72.25
RMS x 56.15
RMS y 55.83
side N [adc counts]
side P [adc counts]

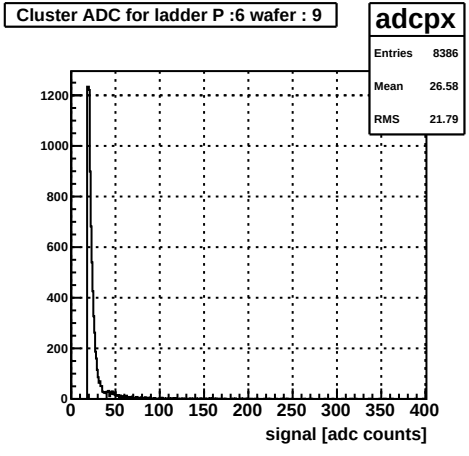

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 3470
Mean 31.94
RMS 34.11
signal [adc counts]

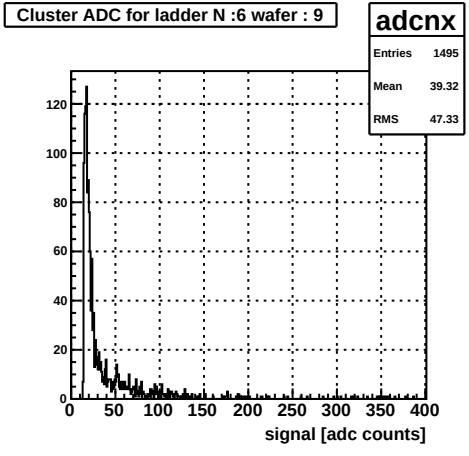

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 1223
Mean 48.47
RMS 50.12
signal [adc counts]

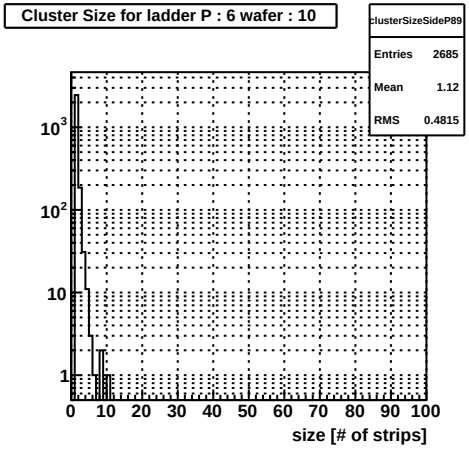

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 8386
Mean 1.058
RMS 0.2843
size [# of strips]

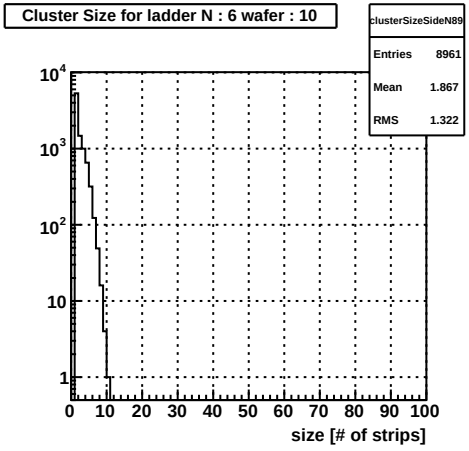

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 1495
Mean 1.249
RMS 0.6614
size [# of strips]

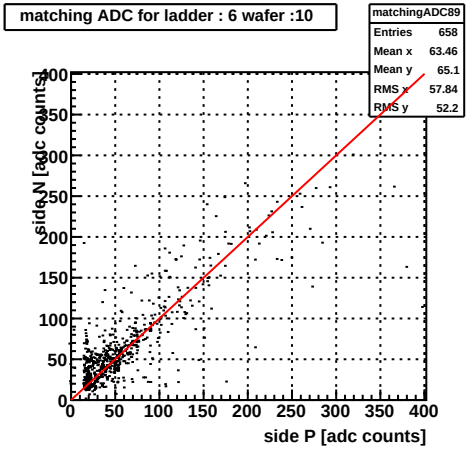

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 469
Mean x 73.59
Mean y 66.17
RMS x 62.19
RMS y 54.43
side N [adc counts]
side P [adc counts]

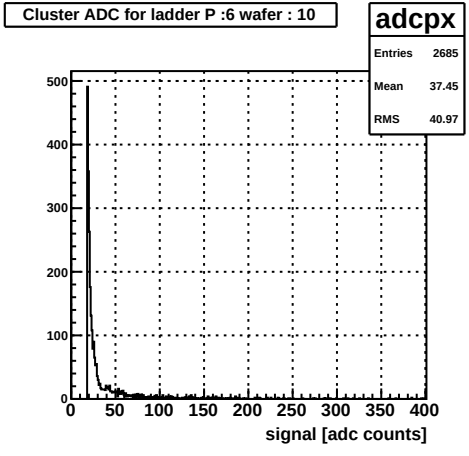

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 8386
Mean 26.58
RMS 21.79
signal [adc counts]

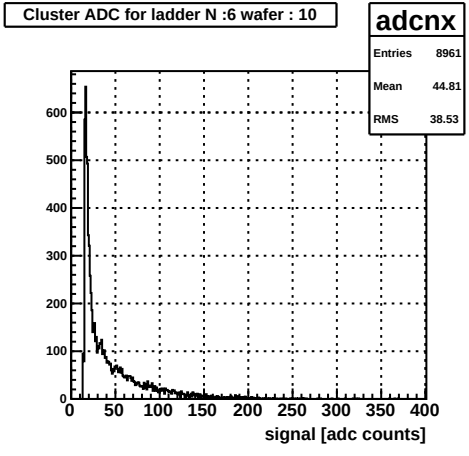

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 1495
Mean 39.32
RMS 47.33
signal [adc counts]

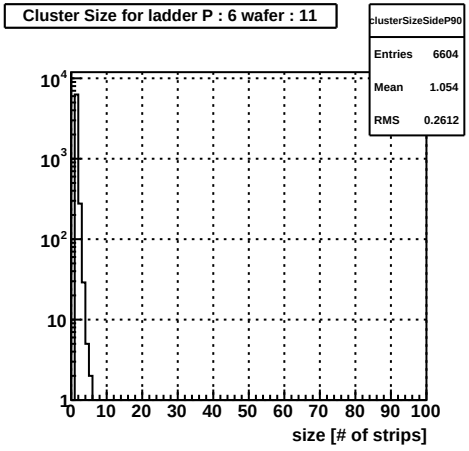

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 2685
Mean 1.12
RMS 0.4815
size [# of strips]

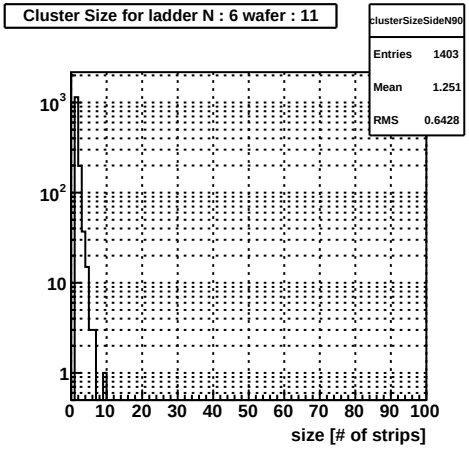

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 8961
Mean 1.867
RMS 1.322
size [# of strips]

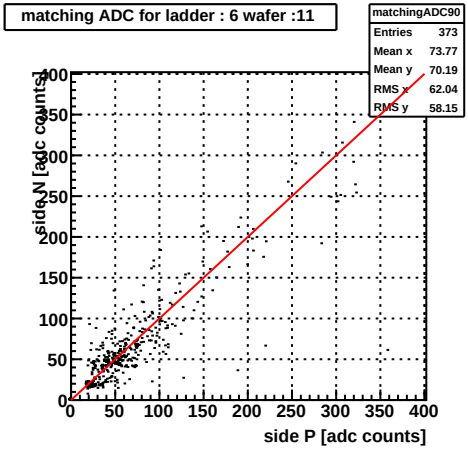

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 658
Mean x 63.46
Mean y 65.1
RMS x 57.84
RMS y 52.2
side N [adc counts]
side P [adc counts]

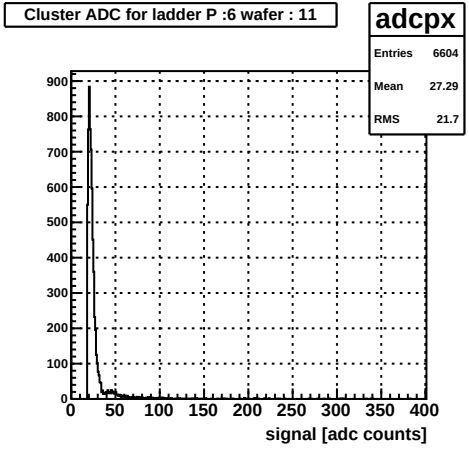

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 2685
Mean 37.45
RMS 40.97
signal [adc counts]

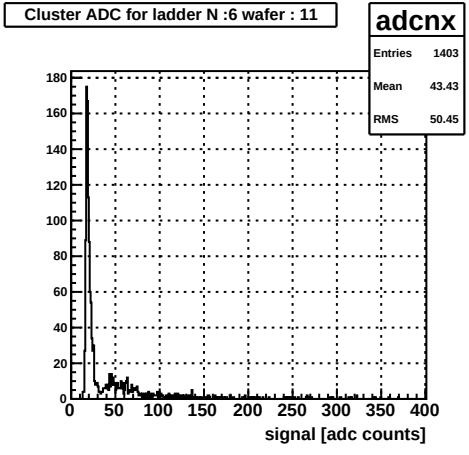

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 8961
Mean 44.81
RMS 38.53
signal [adc counts]

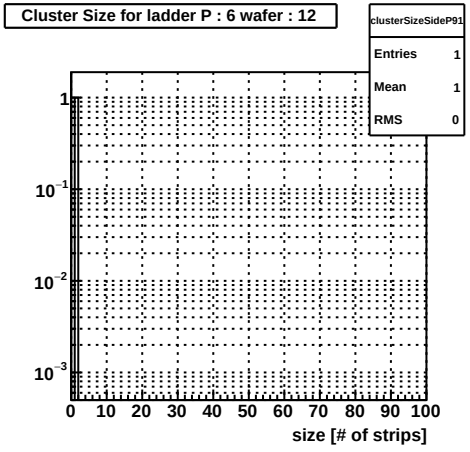

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 6604
Mean 1.054
RMS 0.2612
size [# of strips]

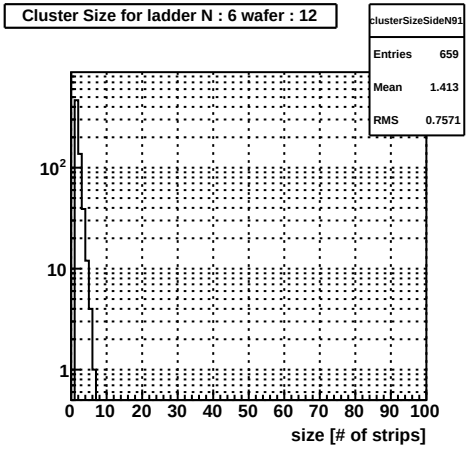

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 1403
Mean 1.251
RMS 0.6428
size [# of strips]

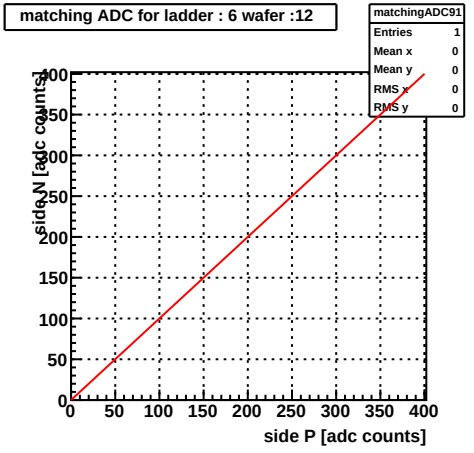

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 373
Mean x 73.77
Mean y 70.19
RMS x 62.04
RMS y 58.15
side N [adc counts]
side P [adc counts]

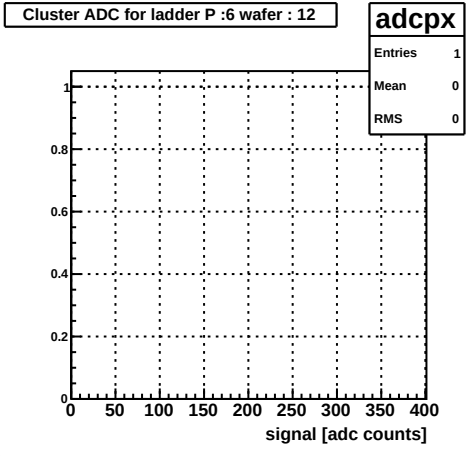

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 6604
Mean 27.29
RMS 21.7
signal [adc counts]

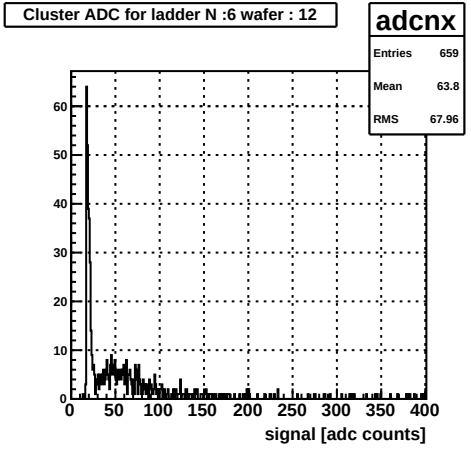

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 1403
Mean 43.43
RMS 50.45
signal [adc counts]

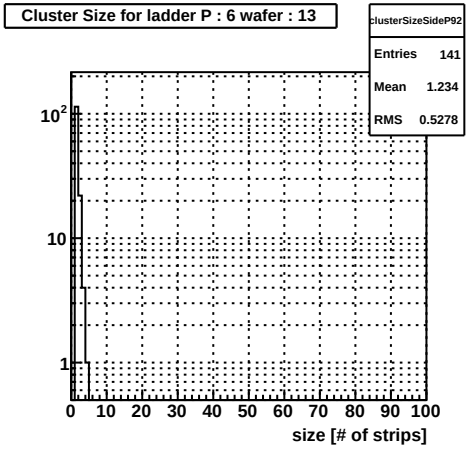

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 1
Mean 1
RMS 0
size [# of strips]

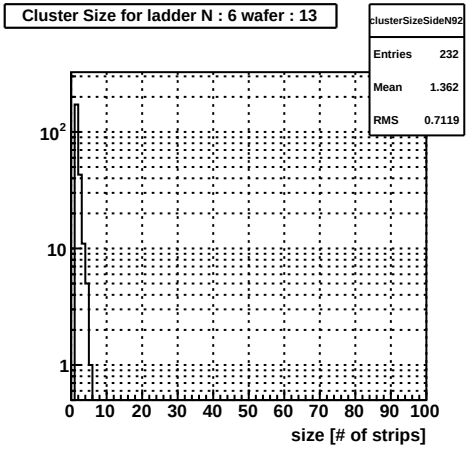

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 659
Mean 1.413
RMS 0.7571
size [# of strips]

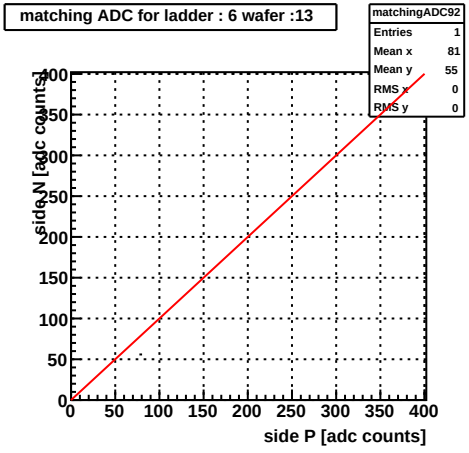

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

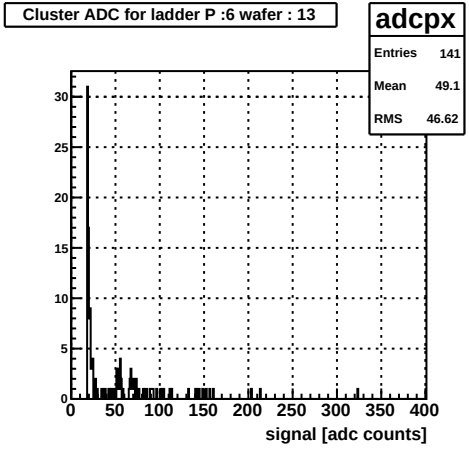

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

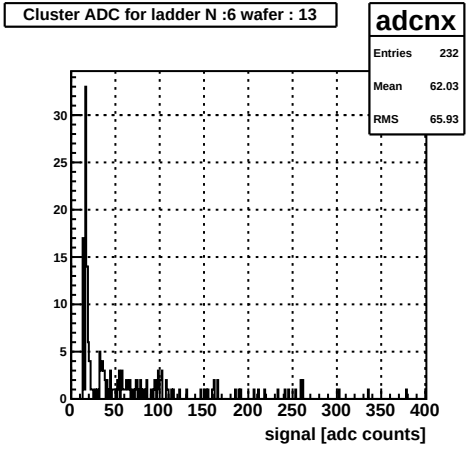

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 659
Mean 63.8
RMS 67.96
signal [adc counts]

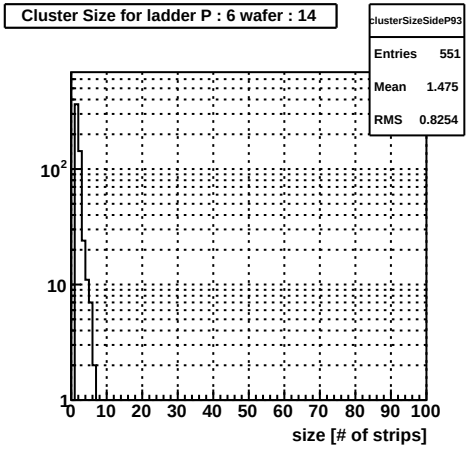

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 141
Mean 1.234
RMS 0.5278
size [# of strips]

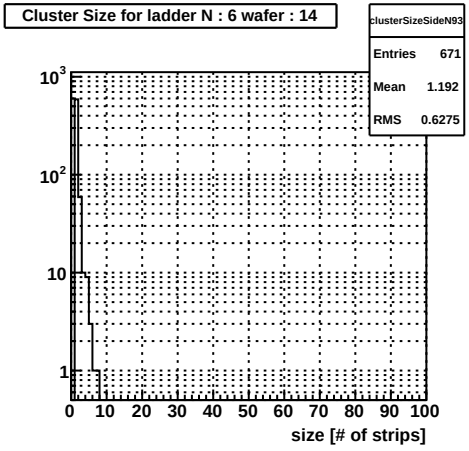

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 232
Mean 1.362
RMS 0.7119
size [# of strips]

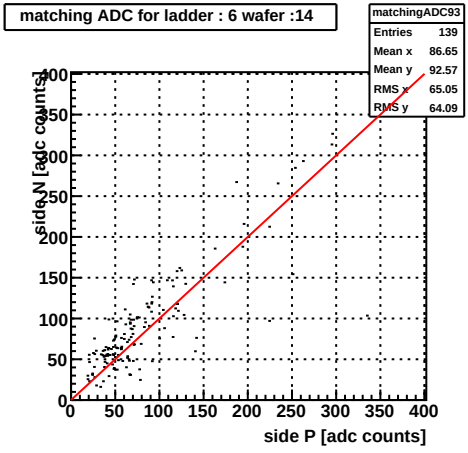

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 1
Mean x 81
Mean y 55
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

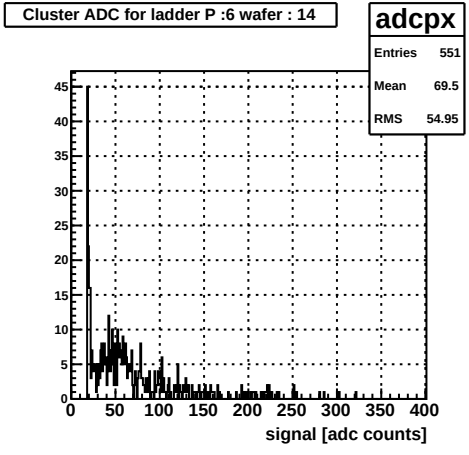

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 141
Mean 49.1
RMS 46.62
signal [adc counts]

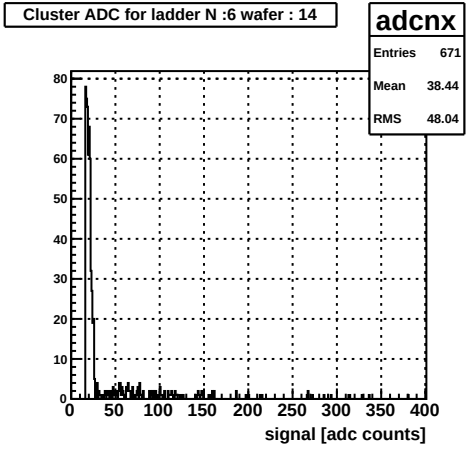

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 232
Mean 62.03
RMS 65.93
signal [adc counts]

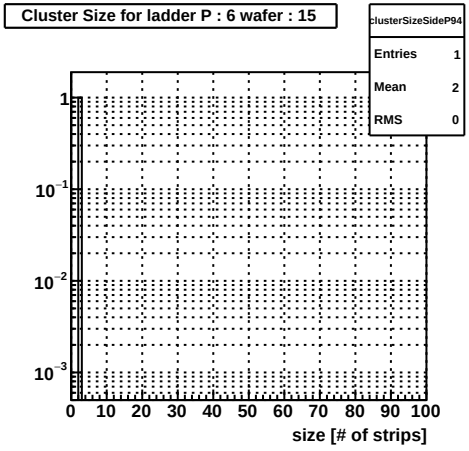

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 551
Mean 1.475
RMS 0.8254
size [# of strips]

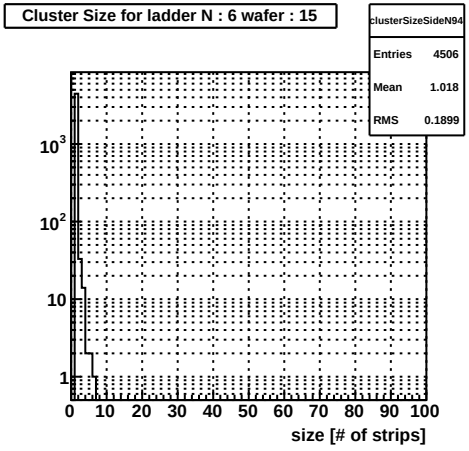

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 671
Mean 1.192
RMS 0.6275
size [# of strips]

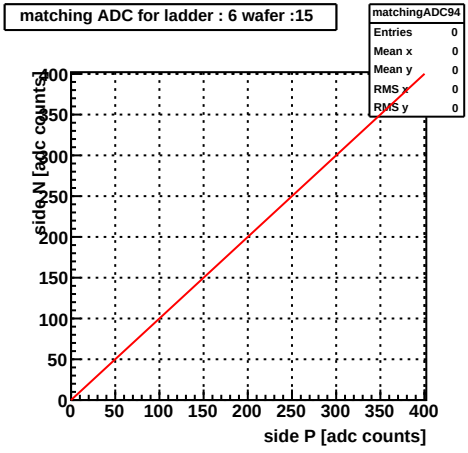

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 139
Mean x 86.65
Mean y 92.57
RMS x 65.05
RMS y 64.09
side N [adc counts]
side P [adc counts]

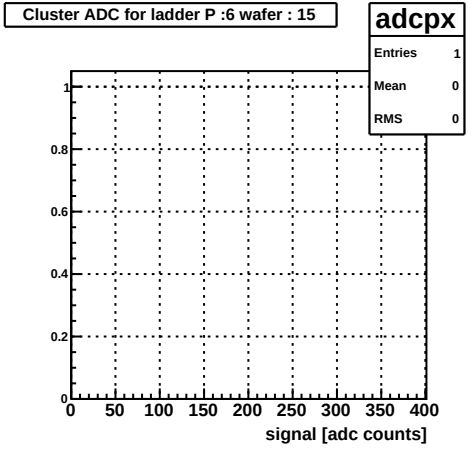

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 551
Mean 69.5
RMS 54.95
signal [adc counts]

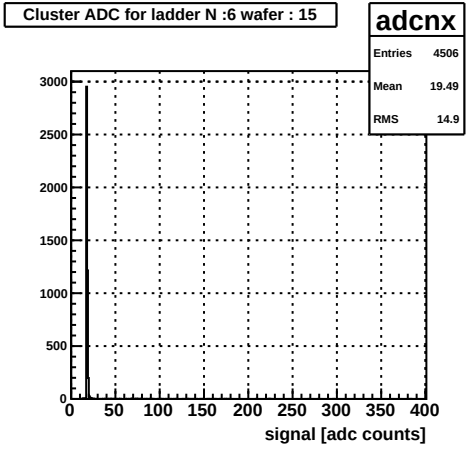

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 671
Mean 38.44
RMS 48.04
signal [adc counts]

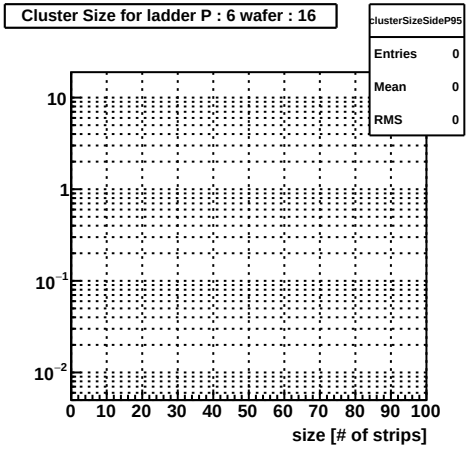

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 1
Mean 2
RMS 0
size [# of strips]

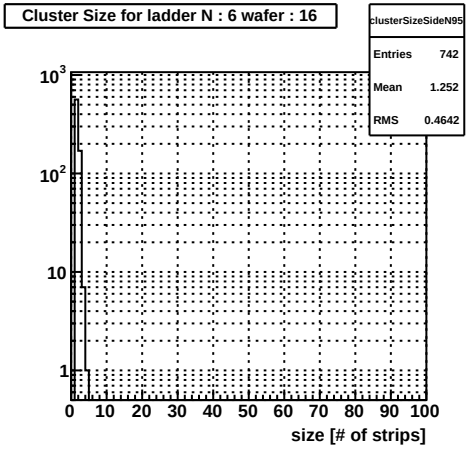

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 4506
Mean 1.018
RMS 0.1899
size [# of strips]

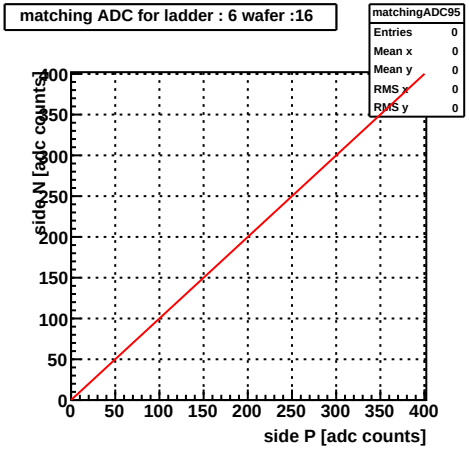

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

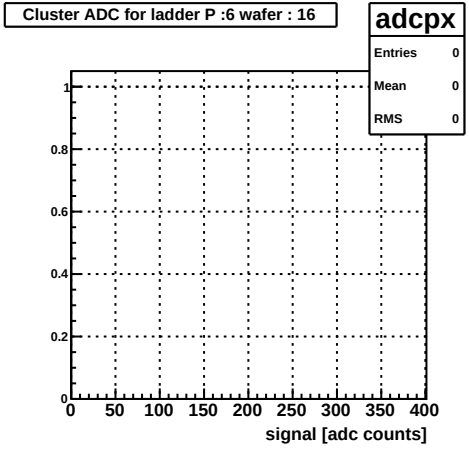

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

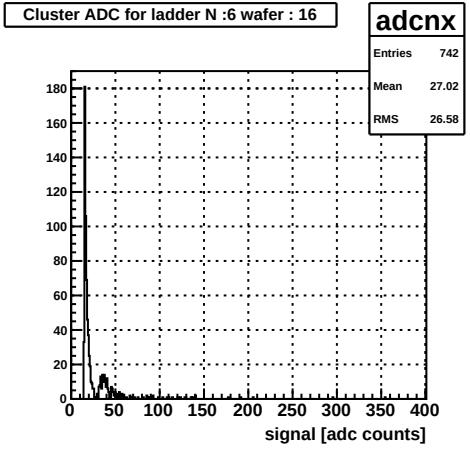

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 4506
Mean 19.49
RMS 14.9
signal [adc counts]

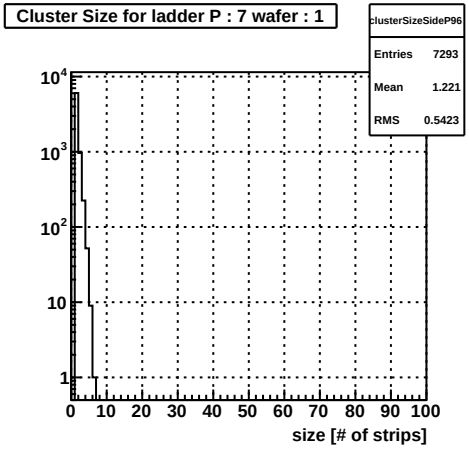

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

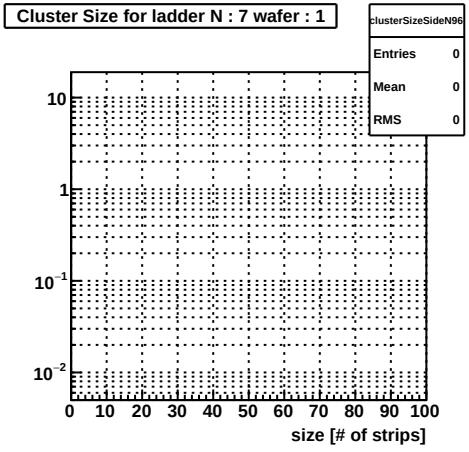

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 742
Mean 1.252
RMS 0.4642
size [# of strips]

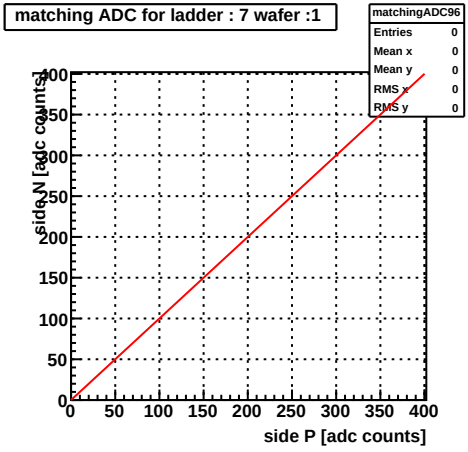

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

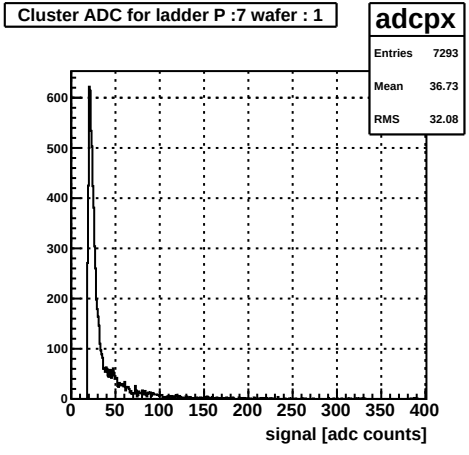

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

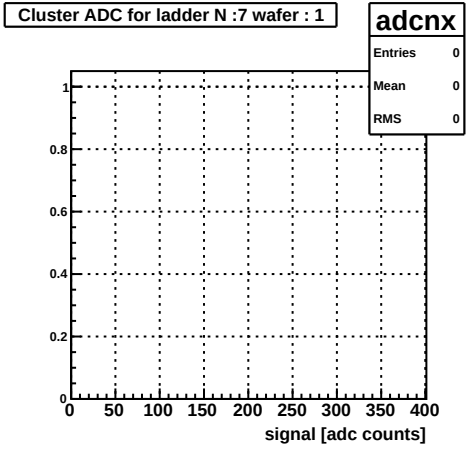

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 742
Mean 27.02
RMS 26.58
signal [adc counts]

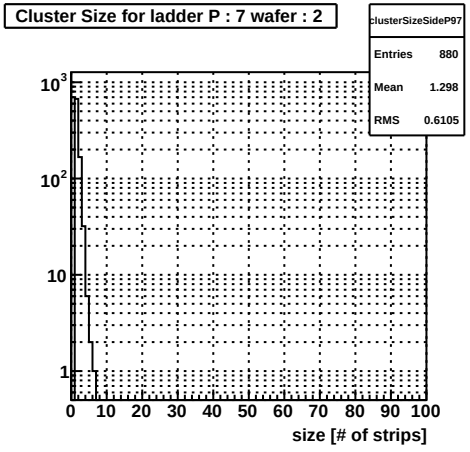

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 7293
Mean 1.221
RMS 0.5423
size [# of strips]

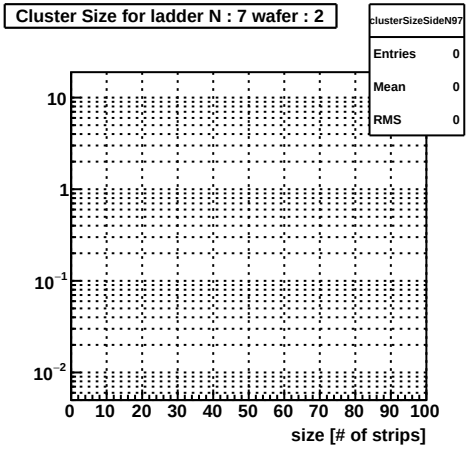

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

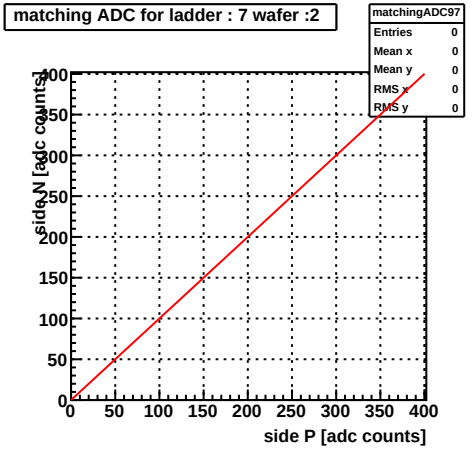

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

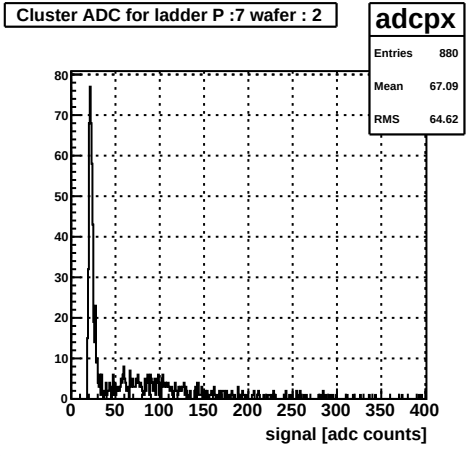

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 7293
Mean 36.73
RMS 32.08
signal [adc counts]

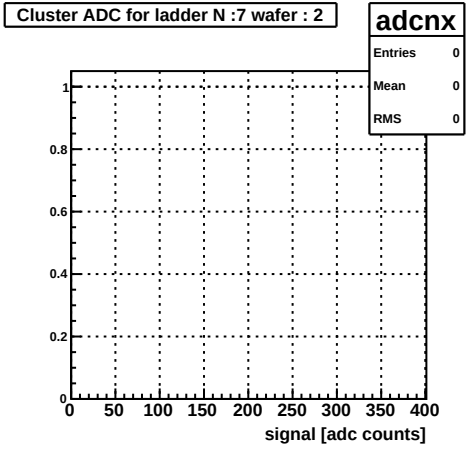

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

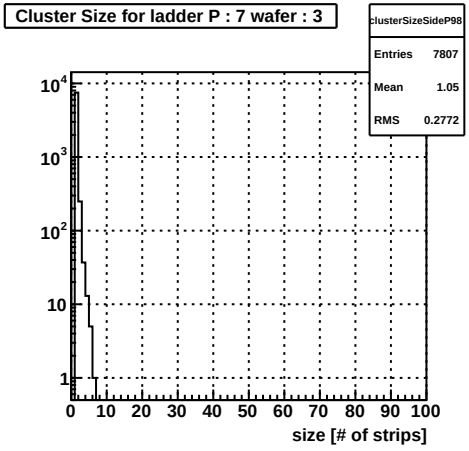

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 880
Mean 1.298
RMS 0.6105
size [# of strips]

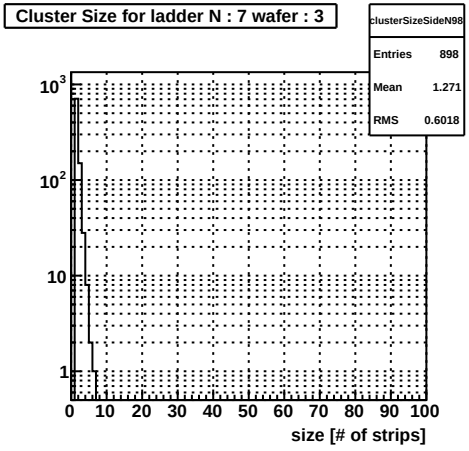

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

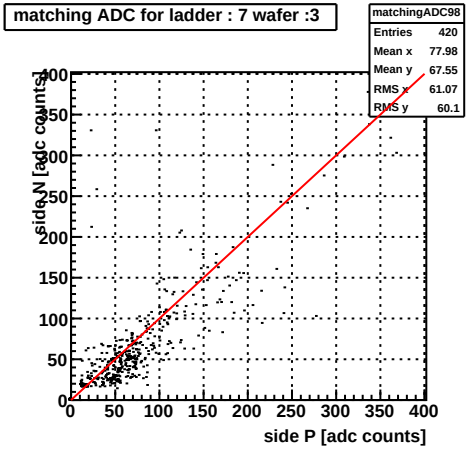

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

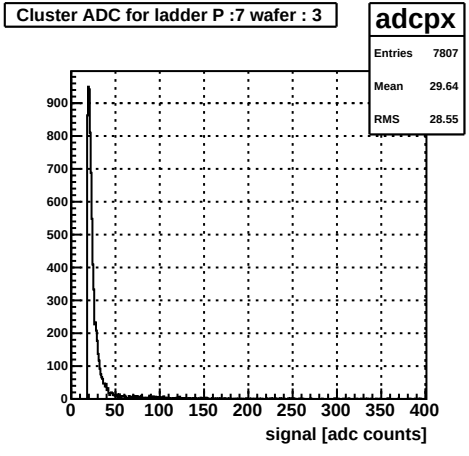

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 880
Mean 67.09
RMS 64.62
signal [adc counts]

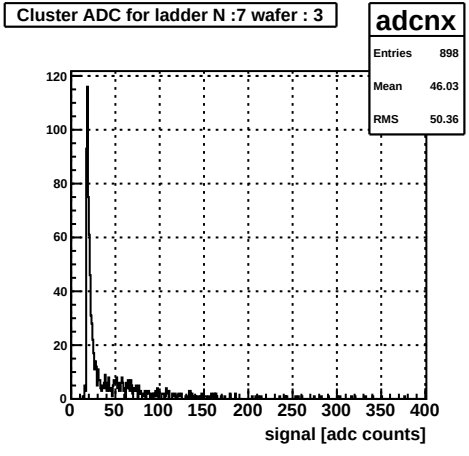

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

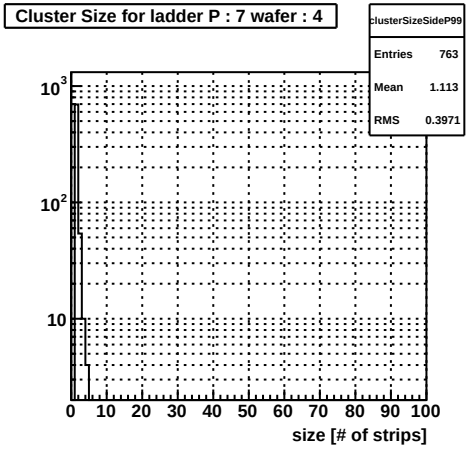

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 7807
Mean 1.05
RMS 0.2772
size [# of strips]

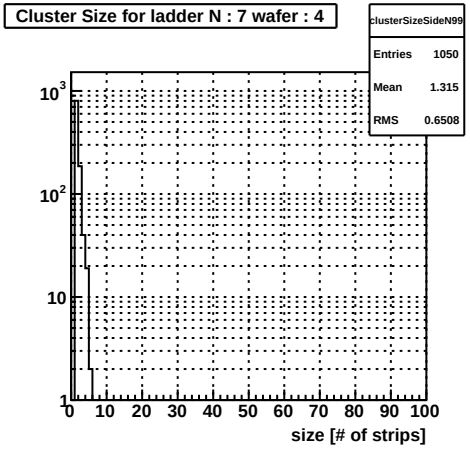

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 898
Mean 1.271
RMS 0.6018
size [# of strips]

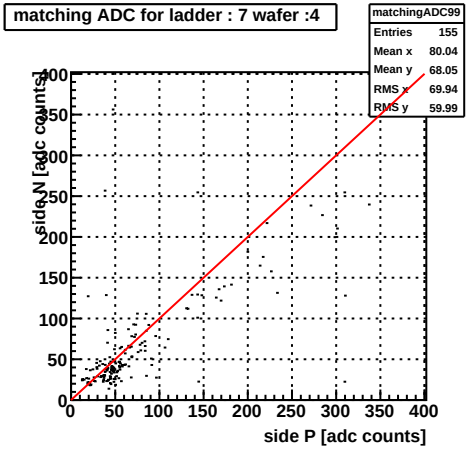

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 420
Mean x 77.98
Mean y 67.55
RMS x 61.07
RMS y 60.1
side N [adc counts]
side P [adc counts]

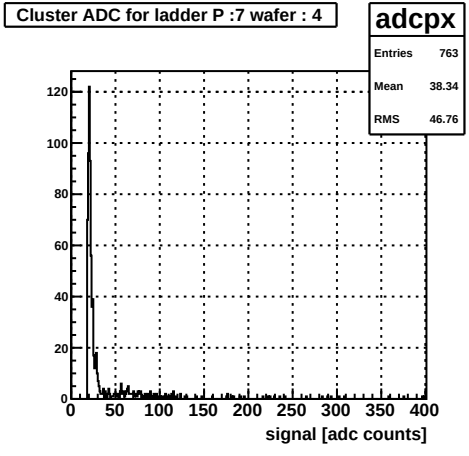

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 7807
Mean 29.64
RMS 28.55
signal [adc counts]

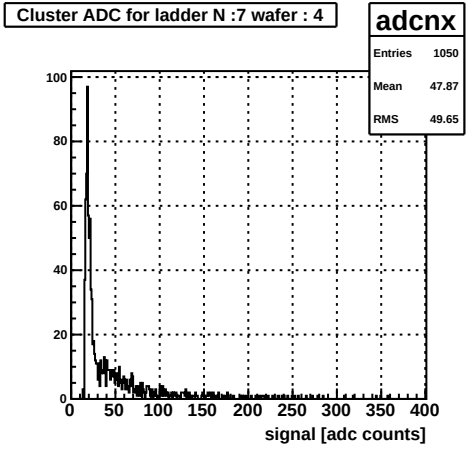

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 898
Mean 46.03
RMS 50.36
signal [adc counts]

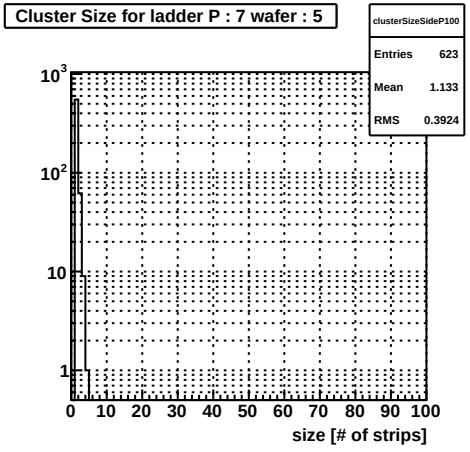

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 763
Mean 1.113
RMS 0.3971
size [# of strips]

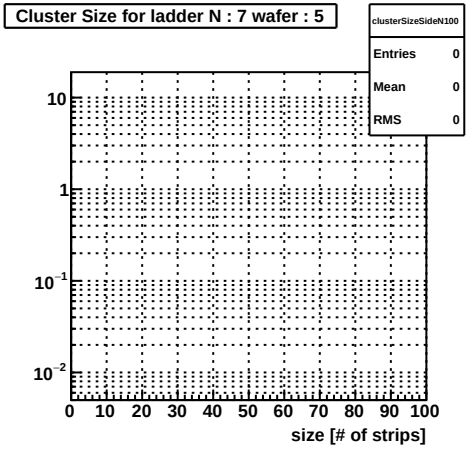

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 1050
Mean 1.315
RMS 0.6508
size [# of strips]

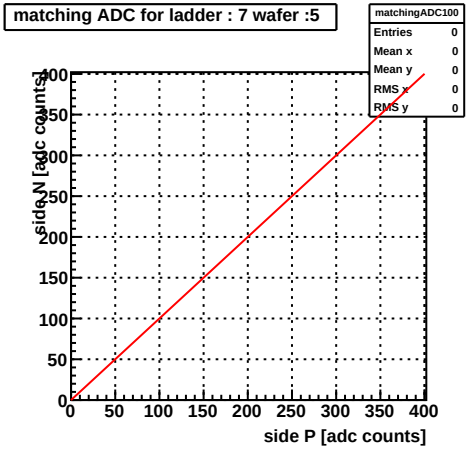

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 155
Mean x 80.04
Mean y 68.05
RMS x 69.94
RMS y 59.99
side N [adc counts]
side P [adc counts]

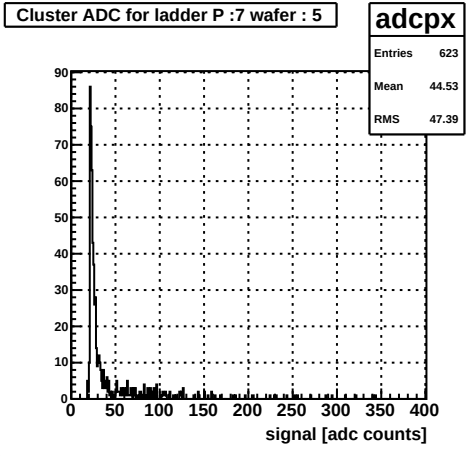

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 763
Mean 38.34
RMS 46.76
signal [adc counts]

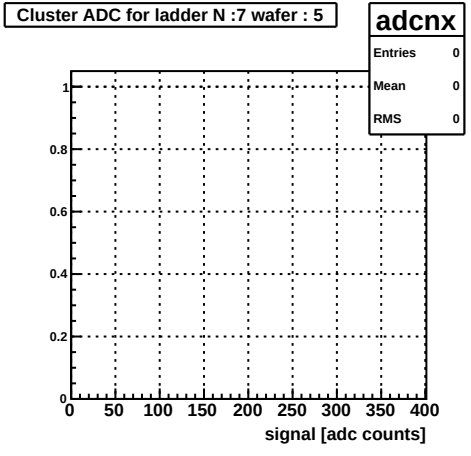

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 1050
Mean 47.87
RMS 49.65
signal [adc counts]

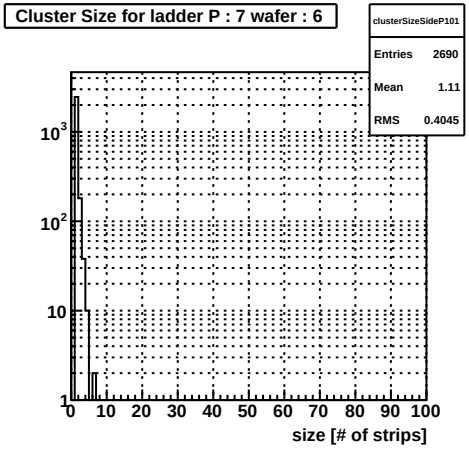

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 623
Mean 1.133
RMS 0.3924
size [# of strips]

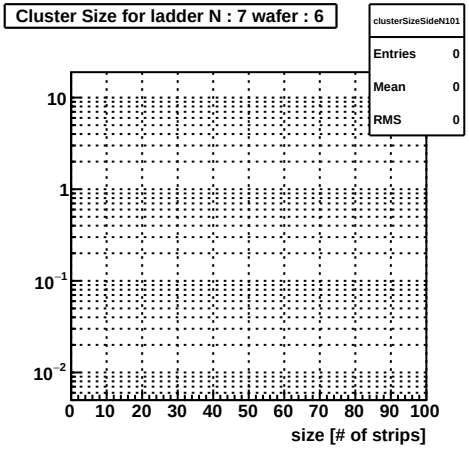

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

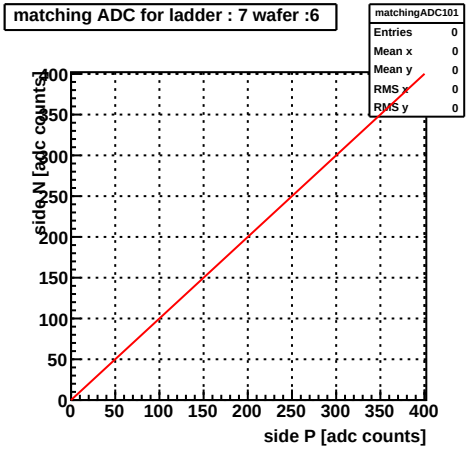

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

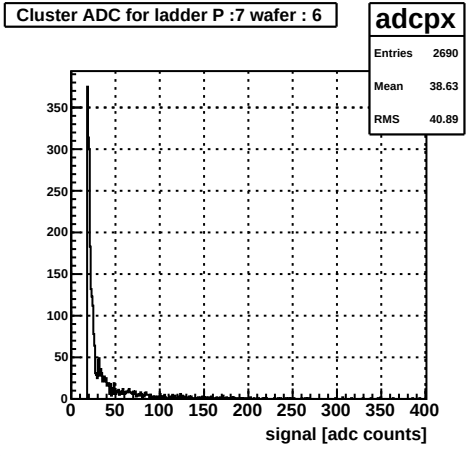

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 623
Mean 44.53
RMS 47.39
signal [adc counts]

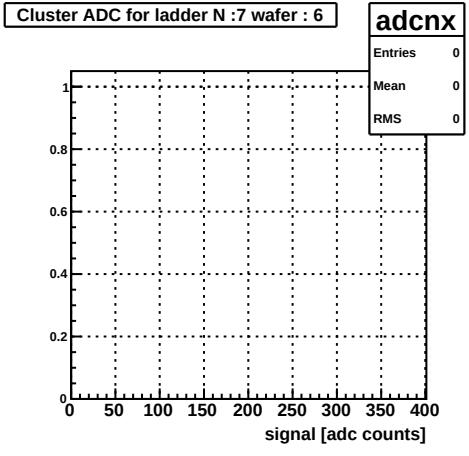

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

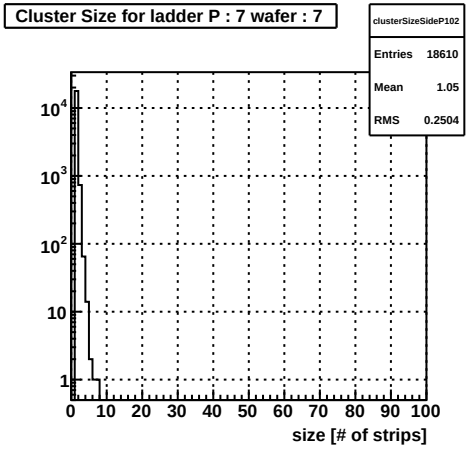

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 2690
Mean 1.11
RMS 0.4045
size [# of strips]

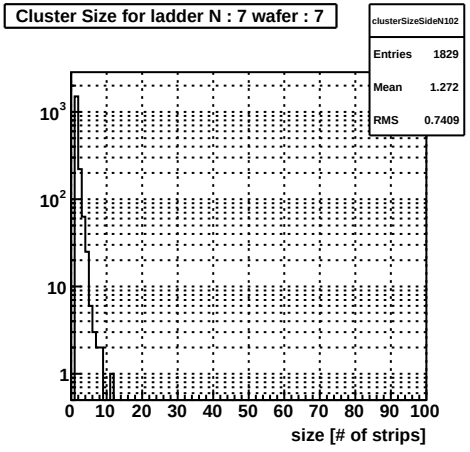

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

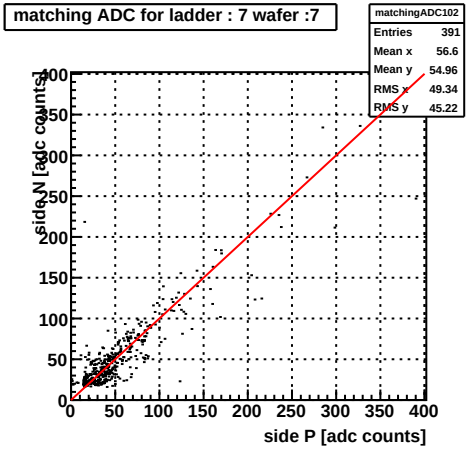

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

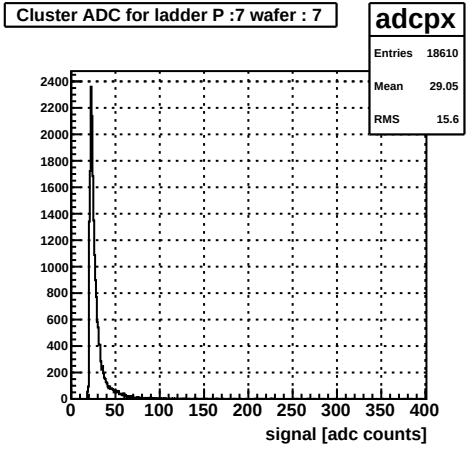

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 2690
Mean 38.63
RMS 40.89
signal [adc counts]

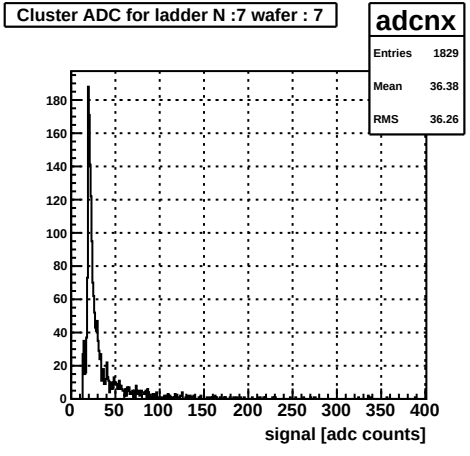

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

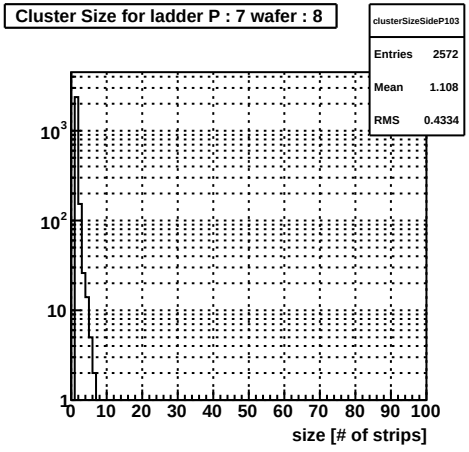

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 18610
Mean 1.05
RMS 0.2504
size [# of strips]

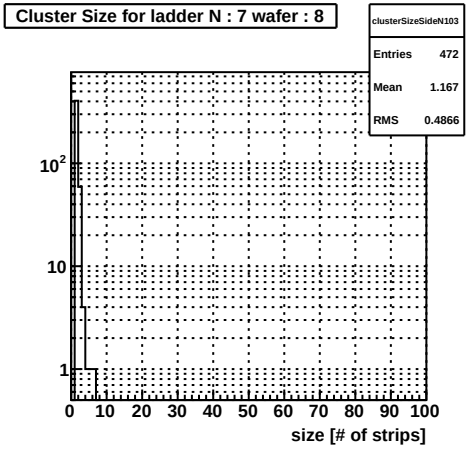

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 1829
Mean 1.272
RMS 0.7409
size [# of strips]

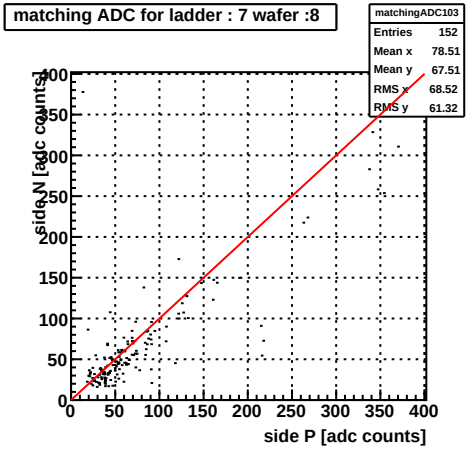

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 391
Mean x 56.6
Mean y 54.96
RMS x 49.34
RMS y 45.22
side N [adc counts]
side P [adc counts]

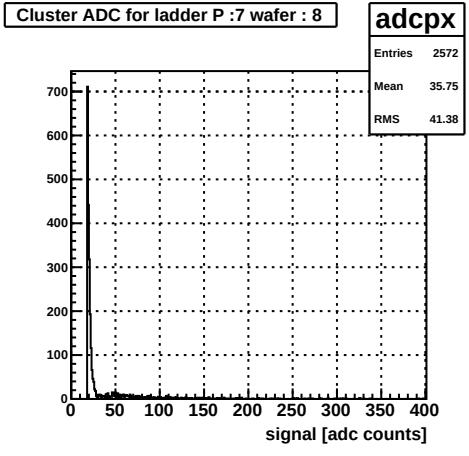

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 18610
Mean 29.05
RMS 15.6
signal [adc counts]

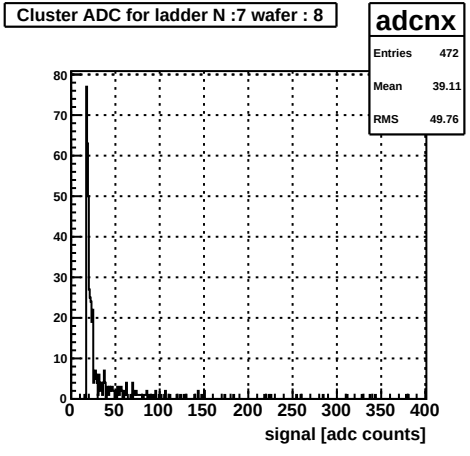

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 1829
Mean 36.38
RMS 36.26
signal [adc counts]

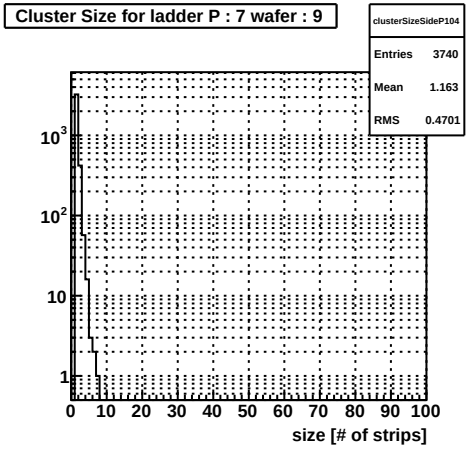

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 2572
Mean 1.108
RMS 0.4334
size [# of strips]

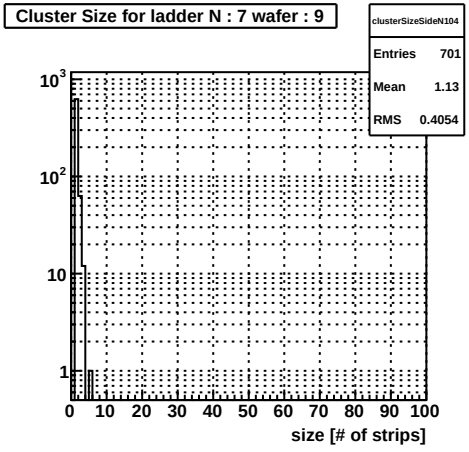

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 472
Mean 1.167
RMS 0.4866
size [# of strips]

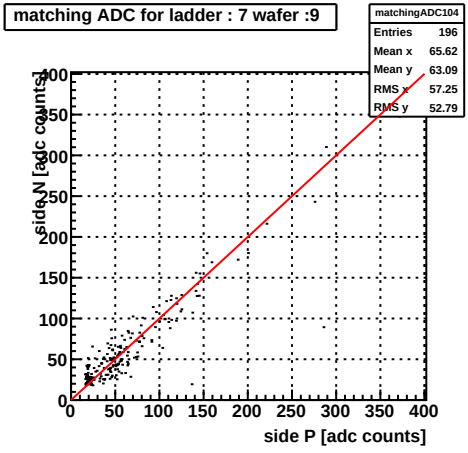

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 152
Mean x 78.51
Mean y 67.51
RMS x 68.52
RMS y 61.32
side N [adc counts]
side P [adc counts]

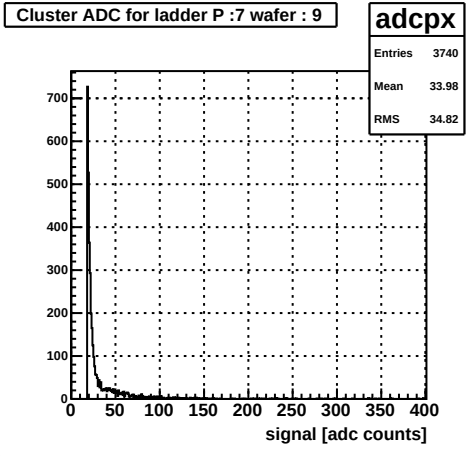

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 2572
Mean 35.75
RMS 41.38
signal [adc counts]

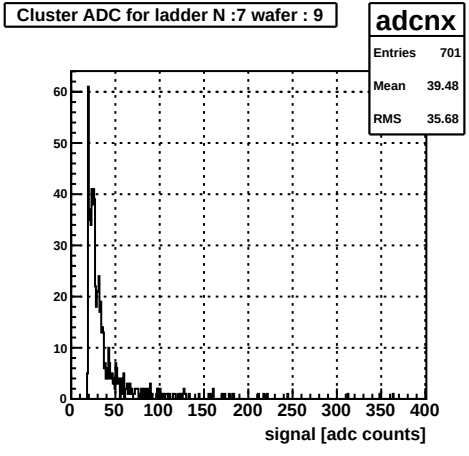

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 472
Mean 39.11
RMS 49.76
signal [adc counts]

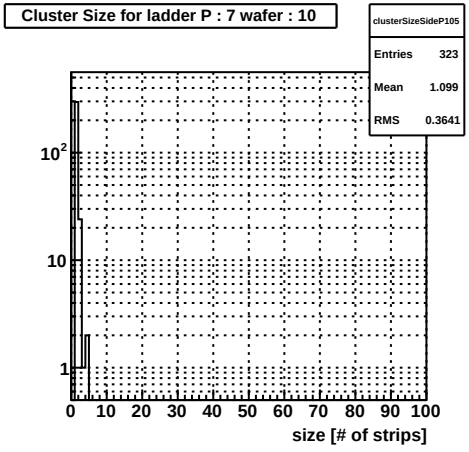

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 3740
Mean 1.163
RMS 0.4701
size [# of strips]

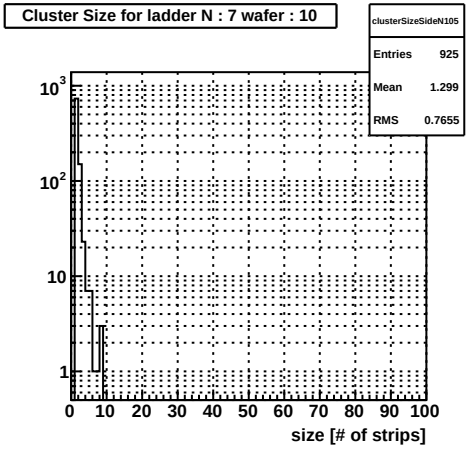

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 701
Mean 1.13
RMS 0.4054
size [# of strips]

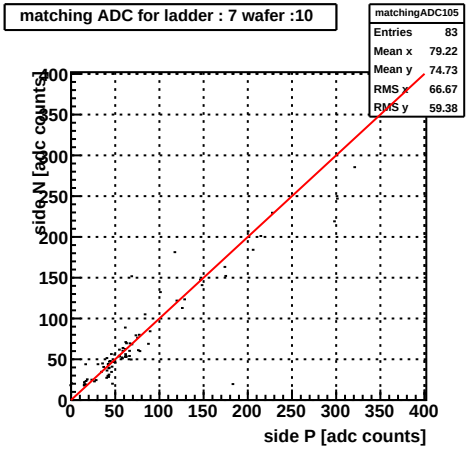

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 196
Mean x 65.62
Mean y 63.09
RMS x 57.25
RMS y 52.79
side N [adc counts]
side P [adc counts]

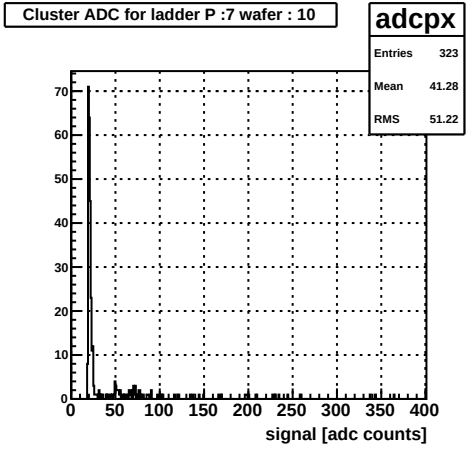

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 3740
Mean 33.98
RMS 34.82
signal [adc counts]

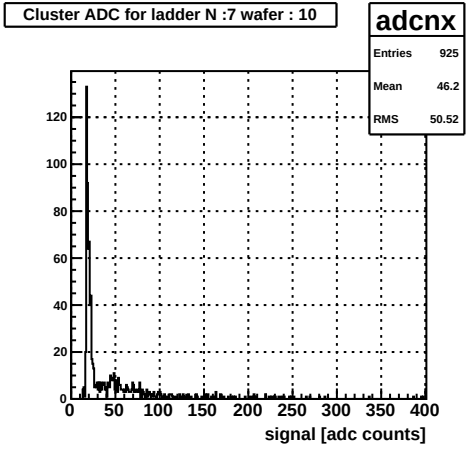

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 701
Mean 39.48
RMS 35.68
signal [adc counts]

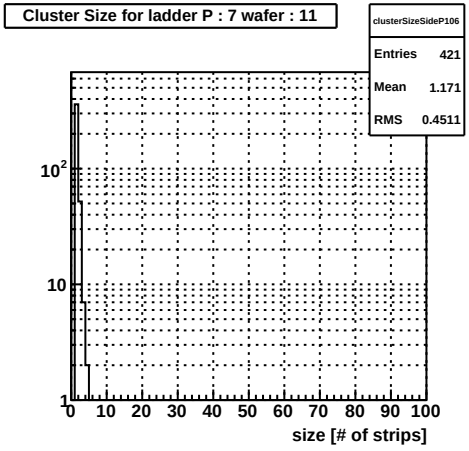

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 323
Mean 1.099
RMS 0.3641
size [# of strips]

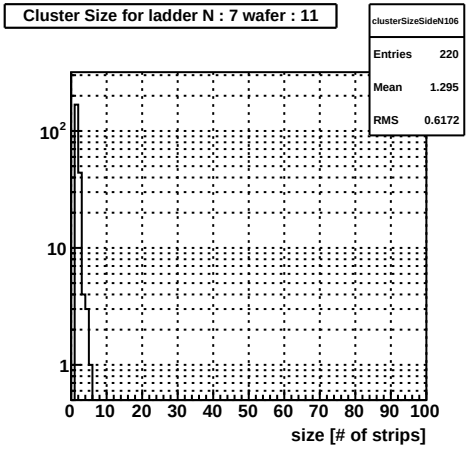

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 925
Mean 1.299
RMS 0.7655
size [# of strips]

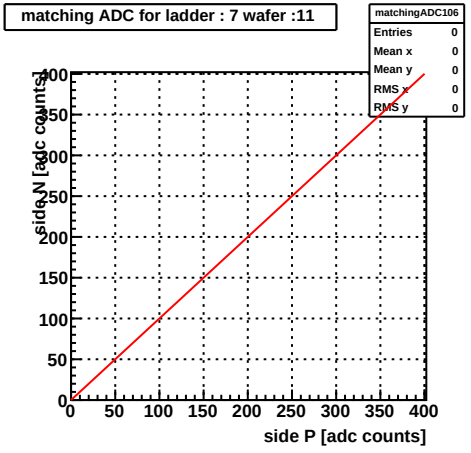

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 83
Mean x 79.22
Mean y 74.73
RMS x 66.67
RMS y 59.38
side N [adc counts]
side P [adc counts]

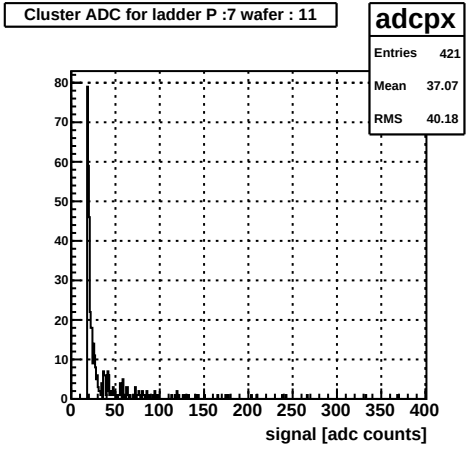

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 323
Mean 41.28
RMS 51.22
signal [adc counts]

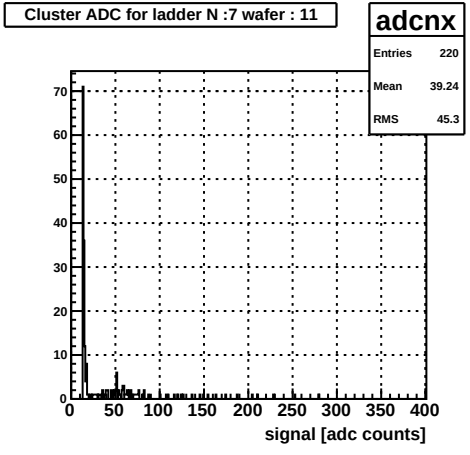

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 925
Mean 46.2
RMS 50.52
signal [adc counts]

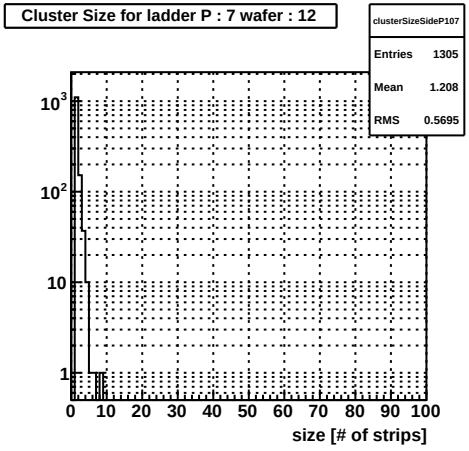

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 421
Mean 1.171
RMS 0.4511
size [# of strips]

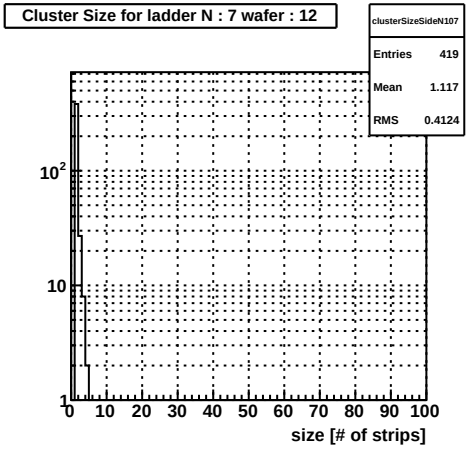

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 220
Mean 1.295
RMS 0.6172
size [# of strips]

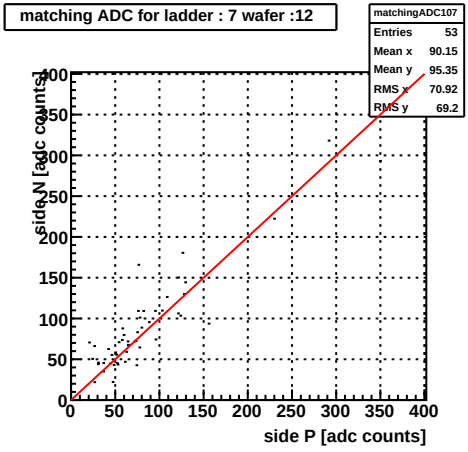

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

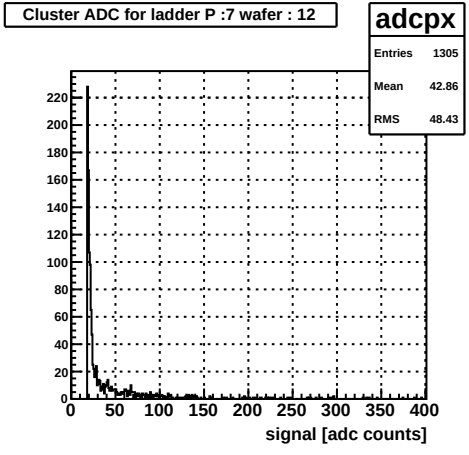

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 421
Mean 37.07
RMS 40.18
signal [adc counts]

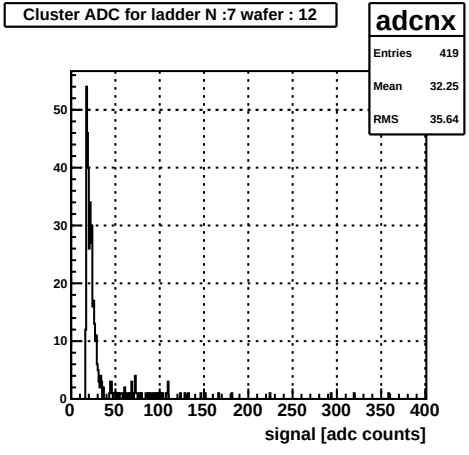

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 220
Mean 39.24
RMS 45.3
signal [adc counts]

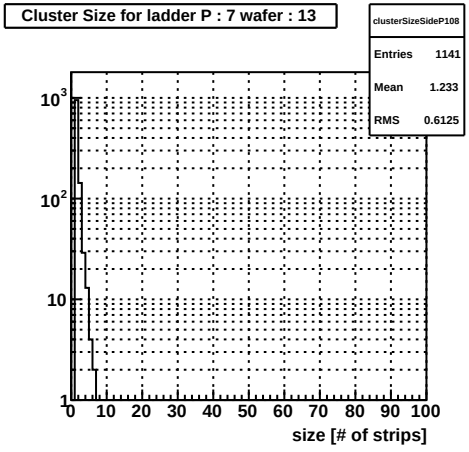

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 1305
Mean 1.208
RMS 0.5695
size [# of strips]

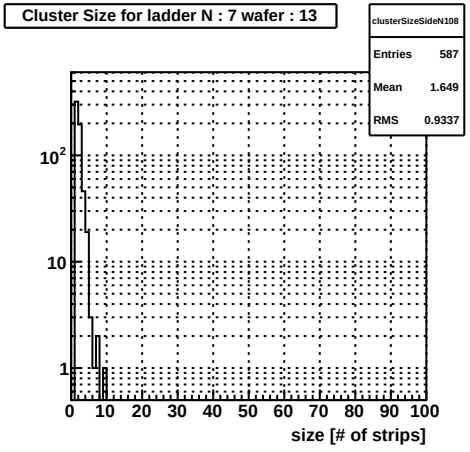

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 419
Mean 1.117
RMS 0.4124
size [# of strips]

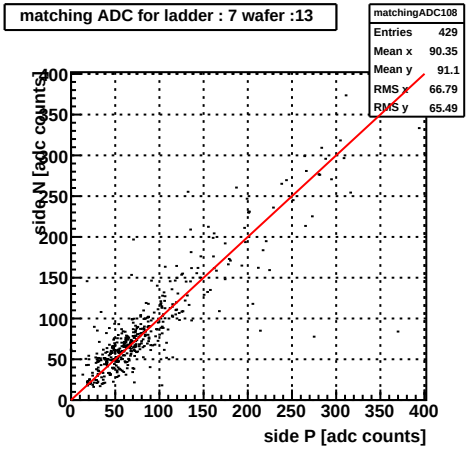

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 53
Mean x 90.15
Mean y 95.35
RMS x 70.92
RMS y 69.2
side N [adc counts]
side P [adc counts]

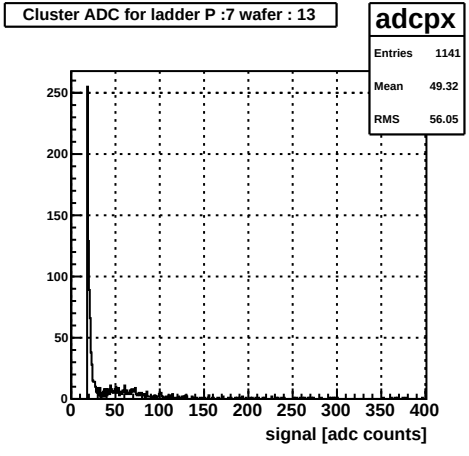

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 1305
Mean 42.86
RMS 48.43
signal [adc counts]

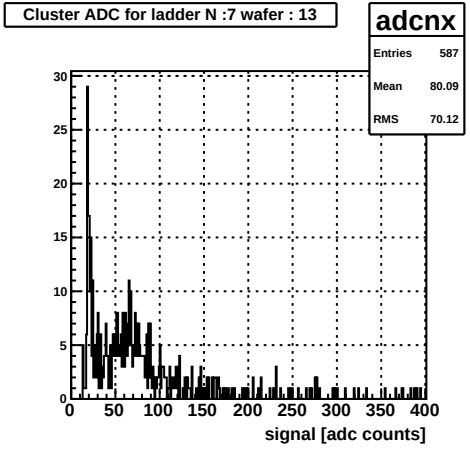

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 419
Mean 32.25
RMS 35.64
signal [adc counts]

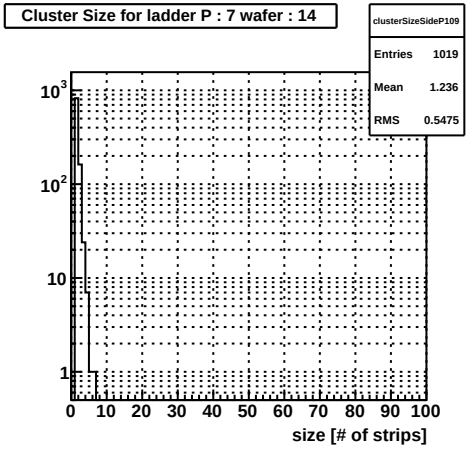

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 1141
Mean 1.233
RMS 0.6125
size [# of strips]

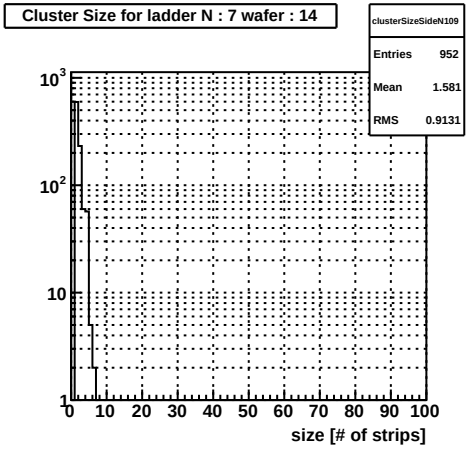

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 587
Mean 1.649
RMS 0.9337
size [# of strips]

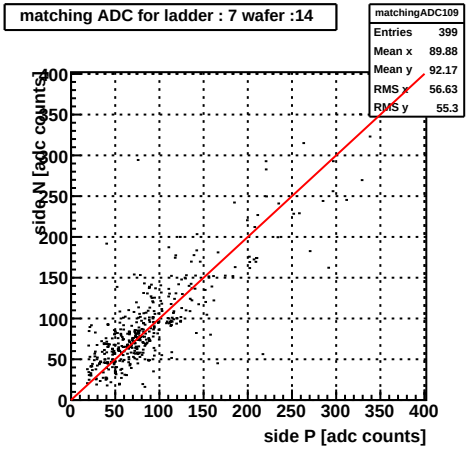

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 429
Mean x 90.35
Mean y 91.1
RMS x 66.79
RMS y 65.49
side N [adc counts]
side P [adc counts]

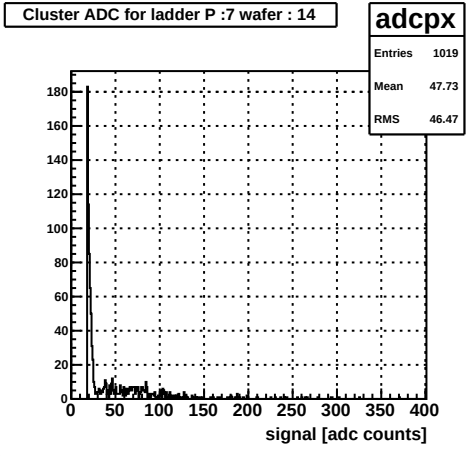

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 1141
Mean 49.32
RMS 56.05
signal [adc counts]

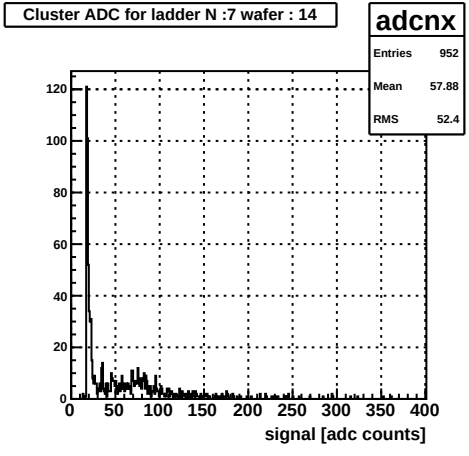

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 587
Mean 80.09
RMS 70.12
signal [adc counts]

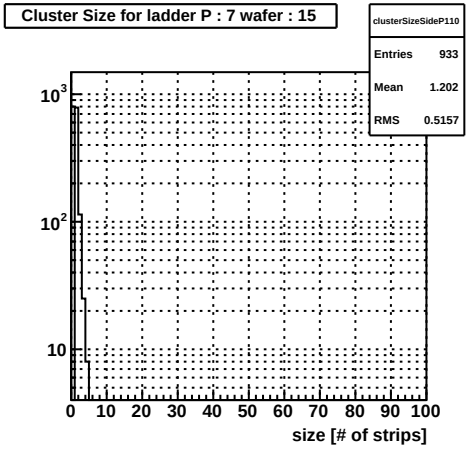

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 1019
Mean 1.236
RMS 0.5475
size [# of strips]

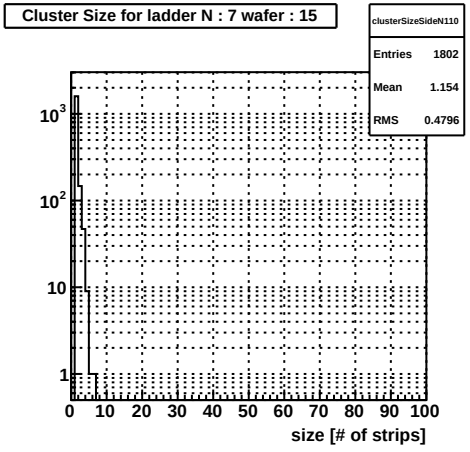

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 952
Mean 1.581
RMS 0.9131
size [# of strips]

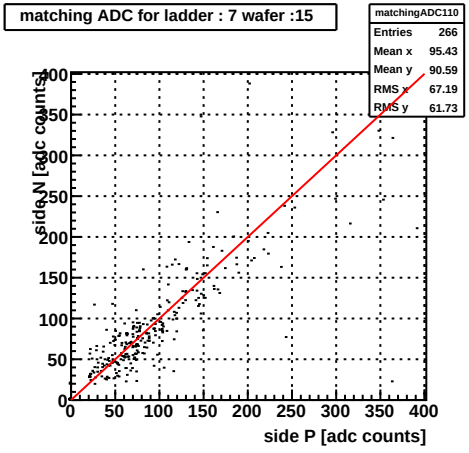

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 399
Mean x 89.88
Mean y 92.17
RMS x 56.63
RMS y 55.3
side N [adc counts]
side P [adc counts]

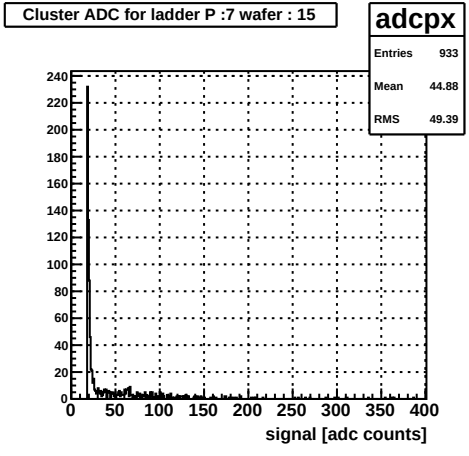

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 1019
Mean 47.73
RMS 46.47
signal [adc counts]

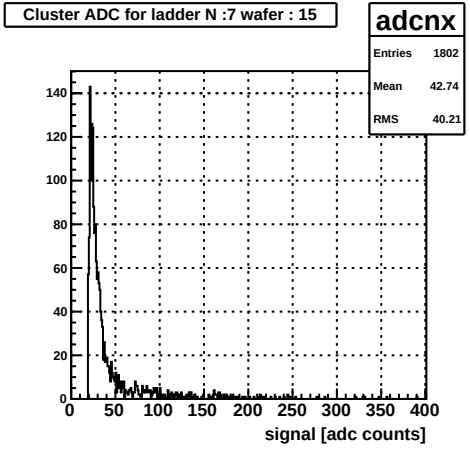

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 952
Mean 57.88
RMS 52.4
signal [adc counts]

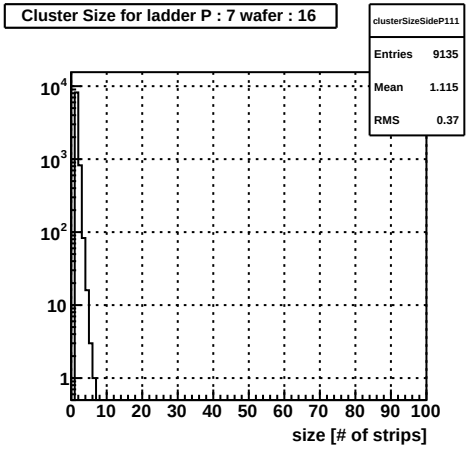

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 933
Mean 1.202
RMS 0.5157
size [# of strips]

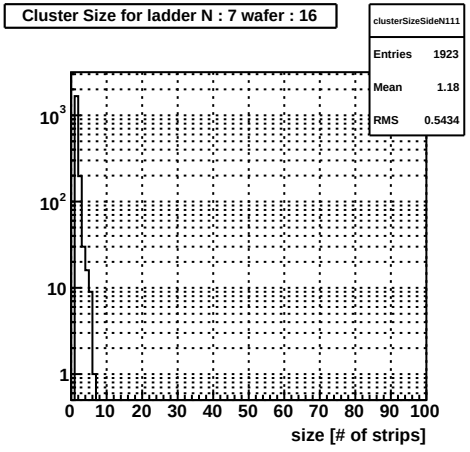

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 1802
Mean 1.154
RMS 0.4796
size [# of strips]

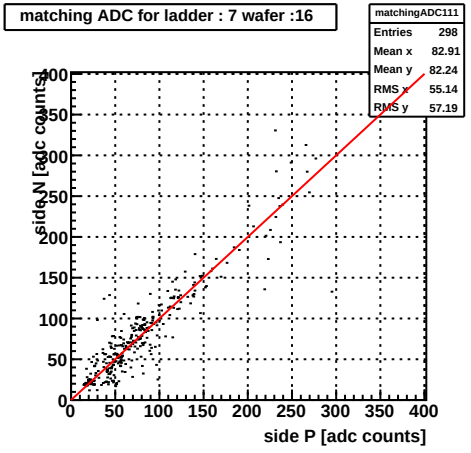

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 266
Mean x 95.43
Mean y 90.59
RMS x 67.19
RMS y 61.73
side N [adc counts]
side P [adc counts]

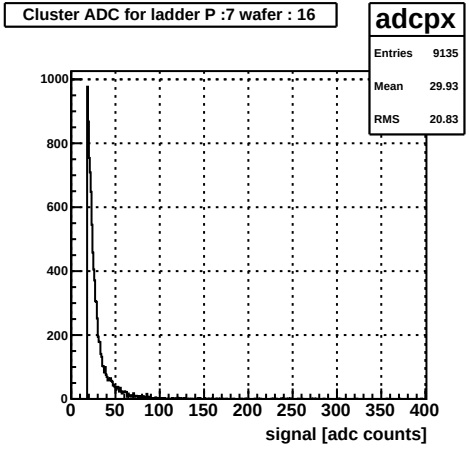

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 933
Mean 44.88
RMS 49.39
signal [adc counts]

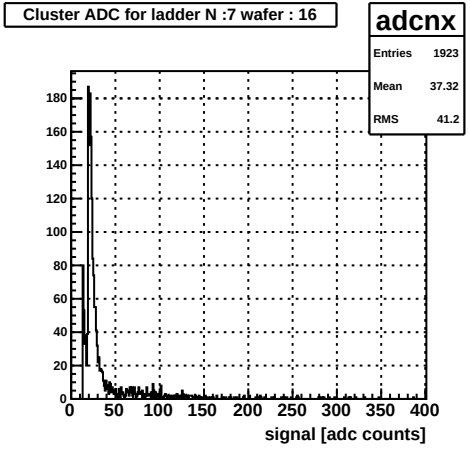

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 1802
Mean 42.74
RMS 40.21
signal [adc counts]

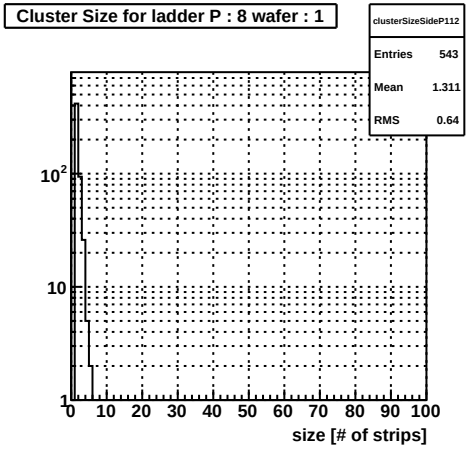

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 9135
Mean 1.115
RMS 0.37
size [# of strips]

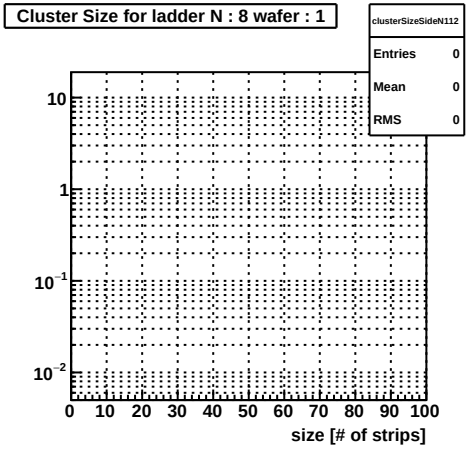

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 1923
Mean 1.18
RMS 0.5434
size [# of strips]

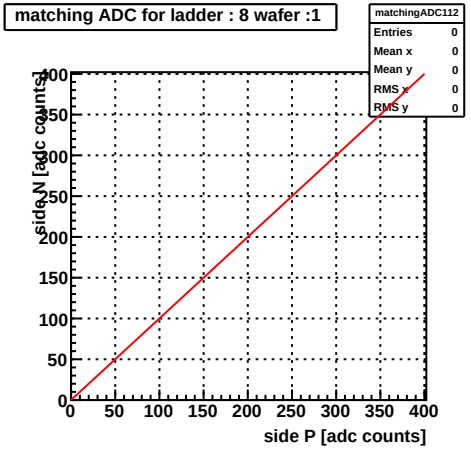

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 298
Mean x 82.91
Mean y 82.24
RMS x 55.14
RMS y 57.19
side N [adc counts]
side P [adc counts]

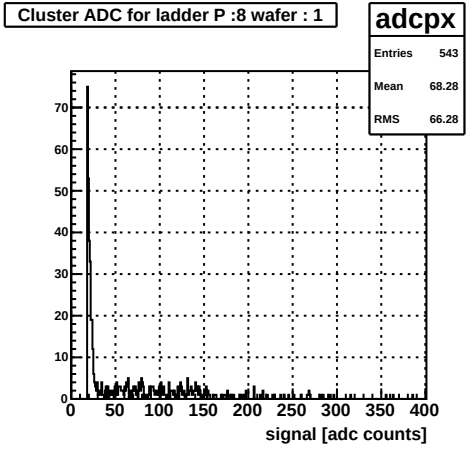

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 9135
Mean 29.93
RMS 20.83
signal [adc counts]

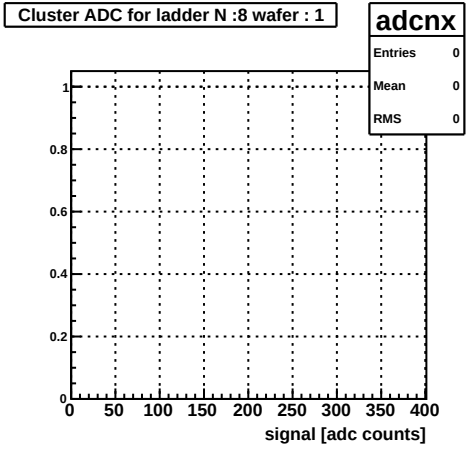

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 1923
Mean 37.32
RMS 41.2
signal [adc counts]

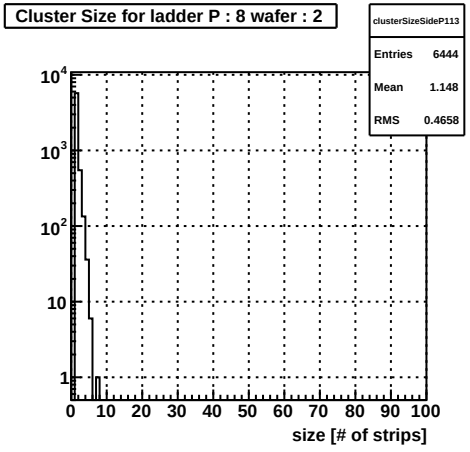

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 543
Mean 1.311
RMS 0.64
size [# of strips]

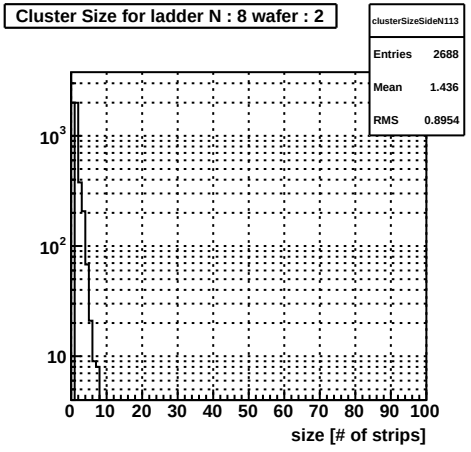

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

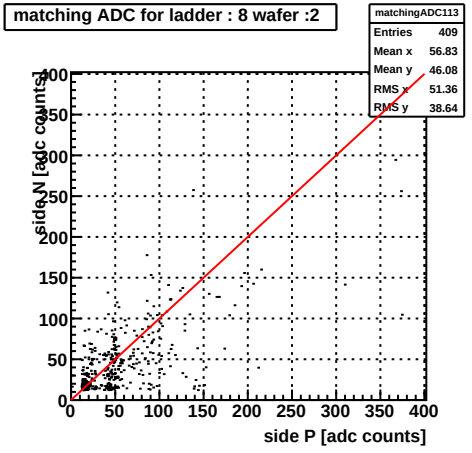

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

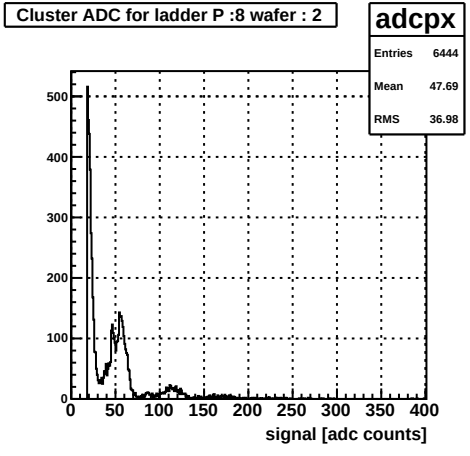

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 543
Mean 68.28
RMS 66.28
signal [adc counts]

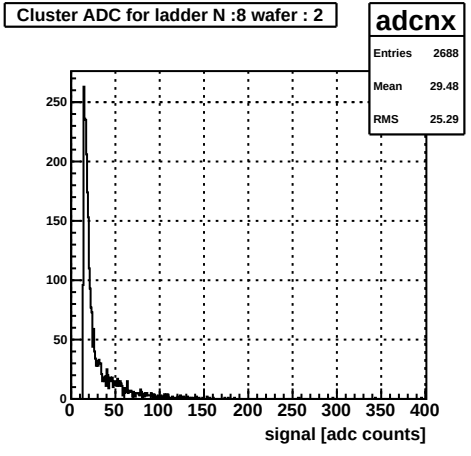

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

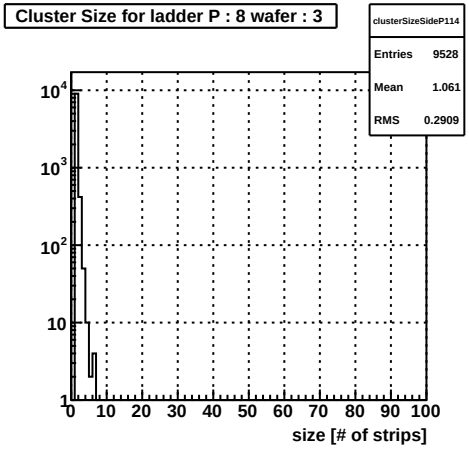

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 6444
Mean 1.148
RMS 0.4658
size [# of strips]

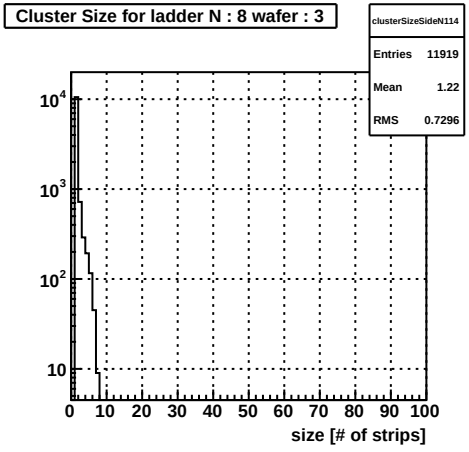

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 2688
Mean 1.436
RMS 0.8954
size [# of strips]

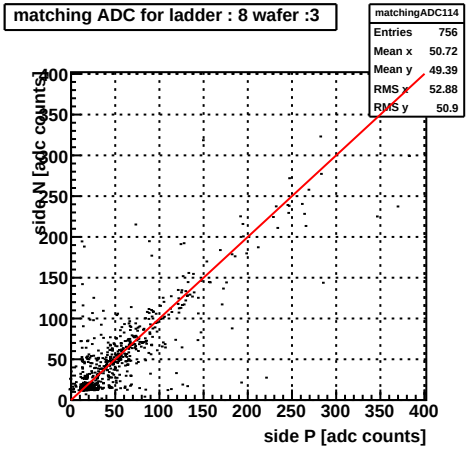

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 409
Mean x 56.83
Mean y 46.08
RMS x 51.36
RMS y 38.64
side N [adc counts]
side P [adc counts]

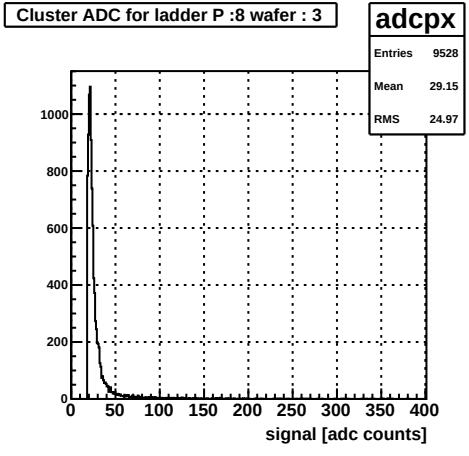

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 6444
Mean 47.69
RMS 36.98
signal [adc counts]

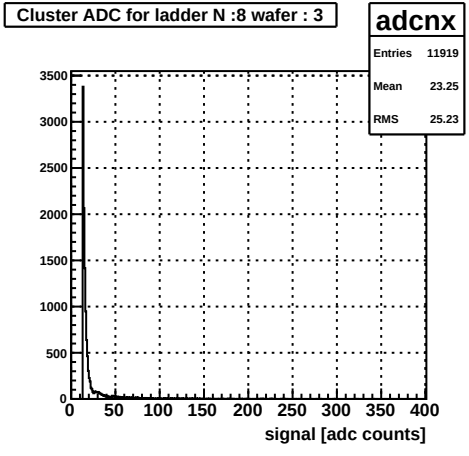

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 2688
Mean 29.48
RMS 25.29
signal [adc counts]

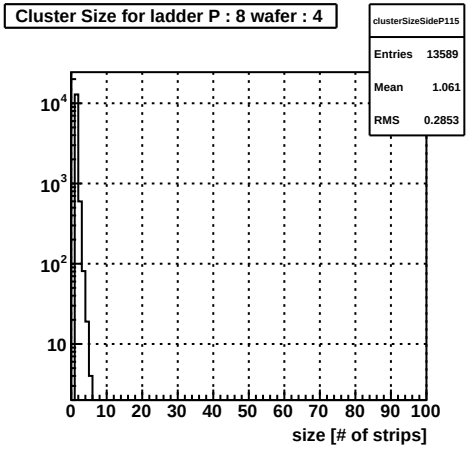

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 9528
Mean 1.061
RMS 0.2909
size [# of strips]

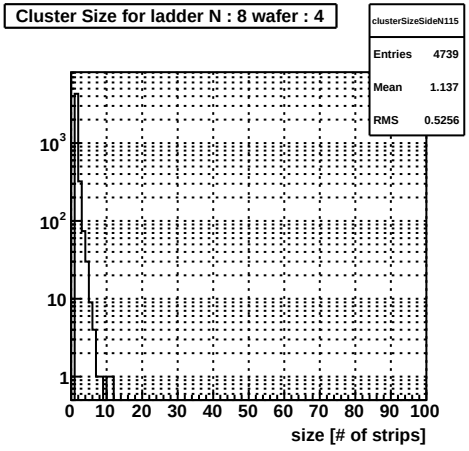

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 11919
Mean 1.22
RMS 0.7296
size [# of strips]

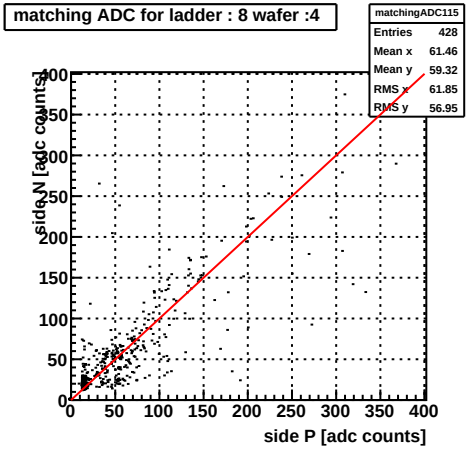

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 756
Mean x 50.72
Mean y 49.39
RMS x 52.88
RMS y 50.9
side N [adc counts]
side P [adc counts]

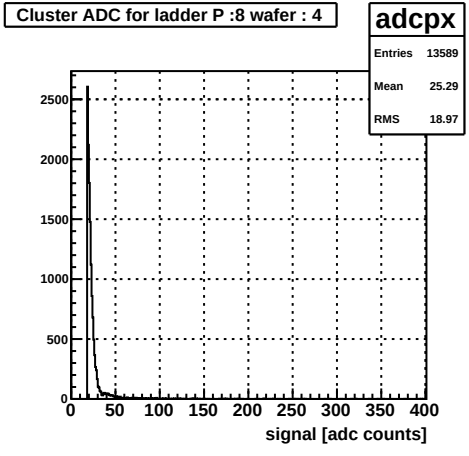

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 9528
Mean 29.15
RMS 24.97
signal [adc counts]

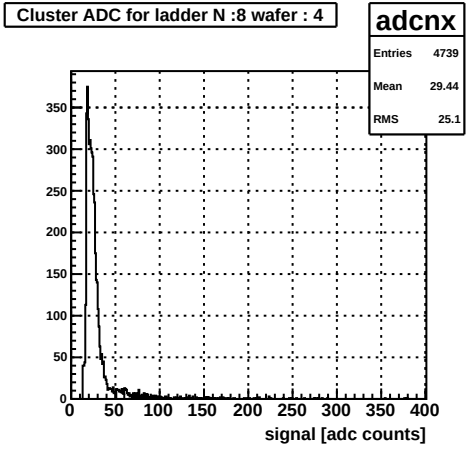

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 11919
Mean 23.25
RMS 25.23
signal [adc counts]

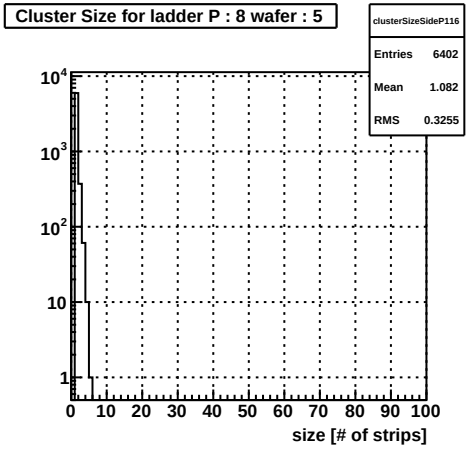

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 13589
Mean 1.061
RMS 0.2853
size [# of strips]

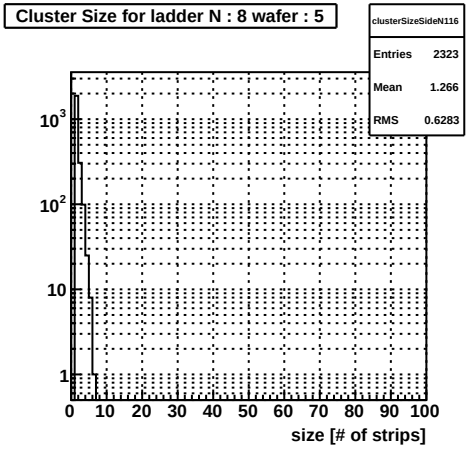

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 4739
Mean 1.137
RMS 0.5256
size [# of strips]

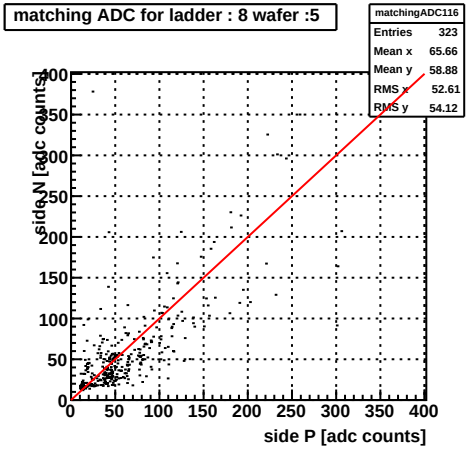

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 428
Mean x 61.46
Mean y 59.32
RMS x 61.85
RMS y 56.95
side N [adc counts]
side P [adc counts]

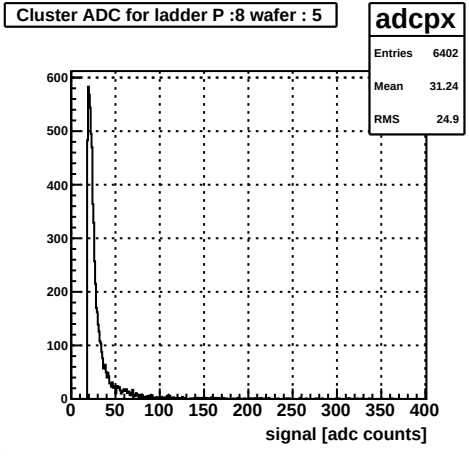

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 13589
Mean 25.29
RMS 18.97
signal [adc counts]

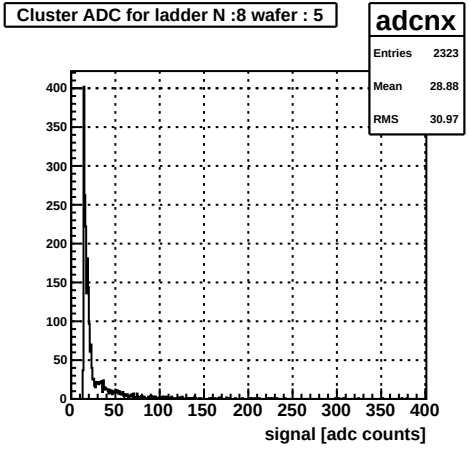

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 4739
Mean 29.44
RMS 25.1
signal [adc counts]

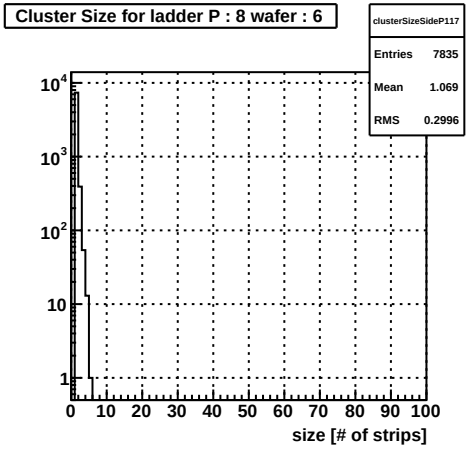

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 6402
Mean 1.082
RMS 0.3255
size [# of strips]

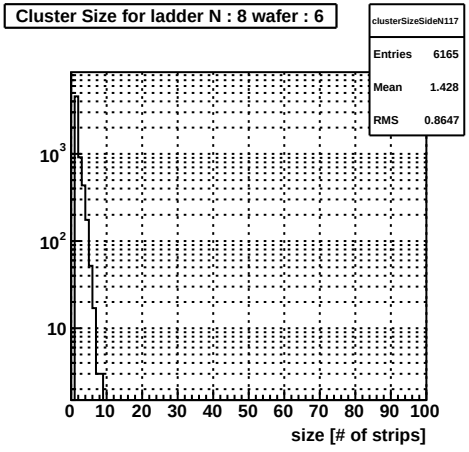

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 2323
Mean 1.266
RMS 0.6283
size [# of strips]

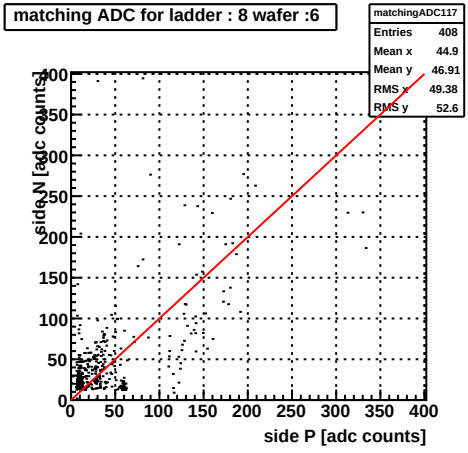

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 323
Mean x 65.66
Mean y 58.88
RMS x 52.61
RMS y 54.12
side N [adc counts]
side P [adc counts]

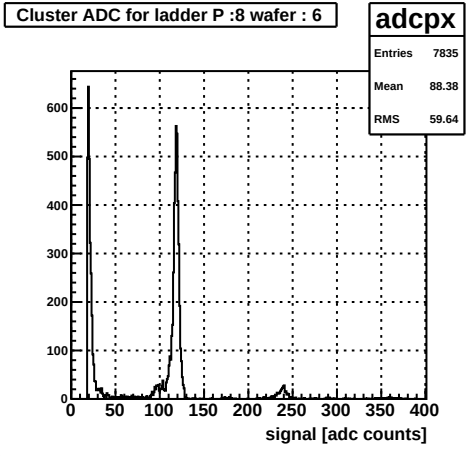

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 6402
Mean 31.24
RMS 24.9
signal [adc counts]

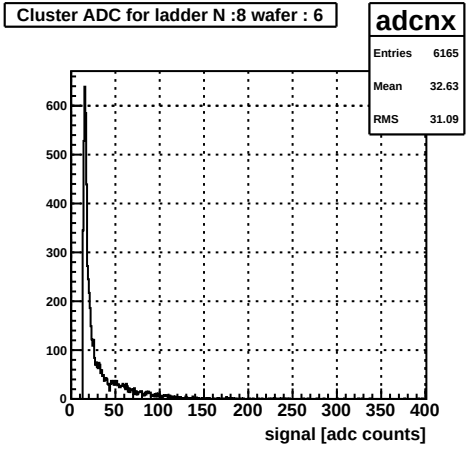

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 2323
Mean 28.88
RMS 30.97
signal [adc counts]

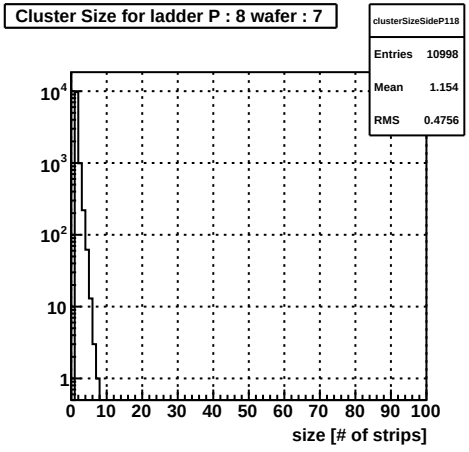

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 7835
Mean 1.069
RMS 0.2996
size [# of strips]

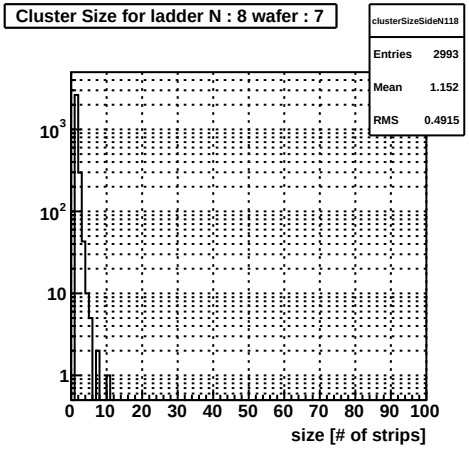

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 6165
Mean 1.428
RMS 0.8647
size [# of strips]

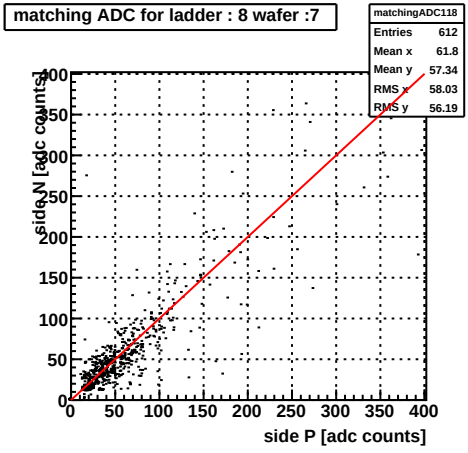

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 408
Mean x 44.9
Mean y 46.91
RMS x 49.38
RMS y 52.6
side N [adc counts]
side P [adc counts]

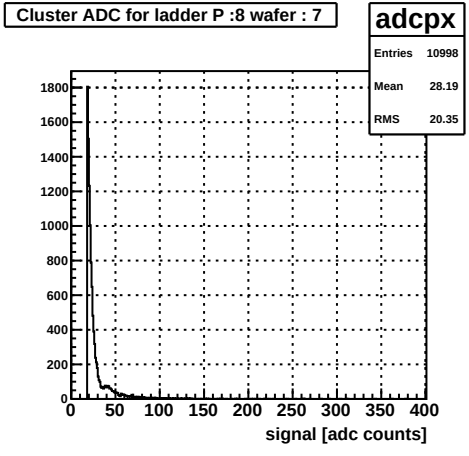

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 7835
Mean 88.38
RMS 59.64
signal [adc counts]

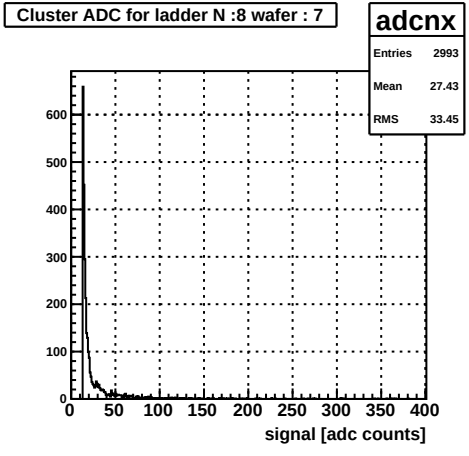

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 6165
Mean 32.63
RMS 31.09
signal [adc counts]

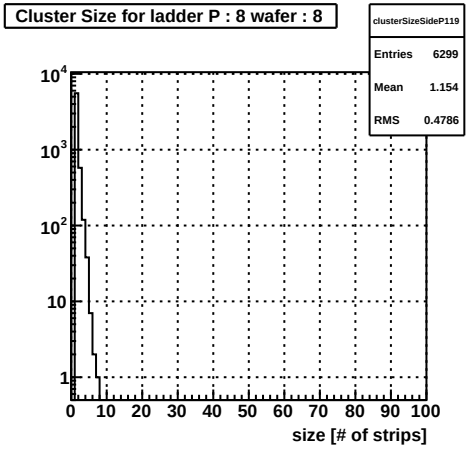

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 10998
Mean 1.154
RMS 0.4756
size [# of strips]

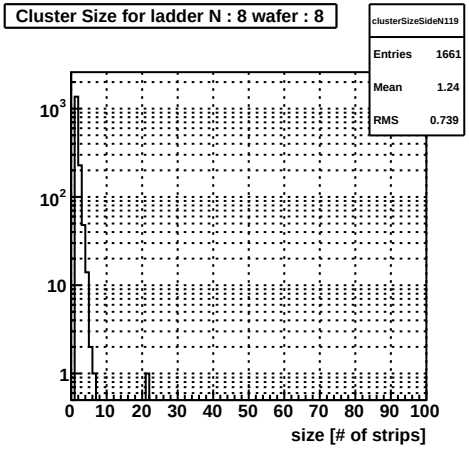

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 2993
Mean 1.152
RMS 0.4915
size [# of strips]

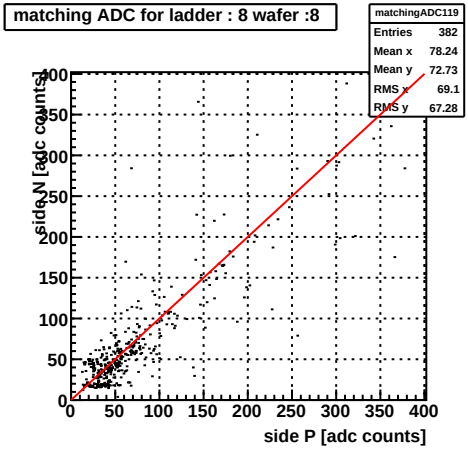

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 612
Mean x 61.8
Mean y 57.34
RMS x 58.03
RMS y 56.19
side N [adc counts]
side P [adc counts]

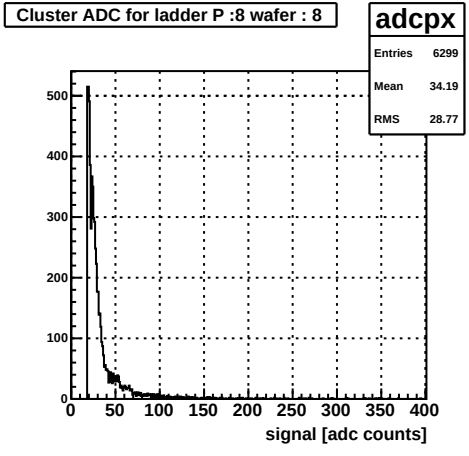

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 10998
Mean 28.19
RMS 20.35
signal [adc counts]

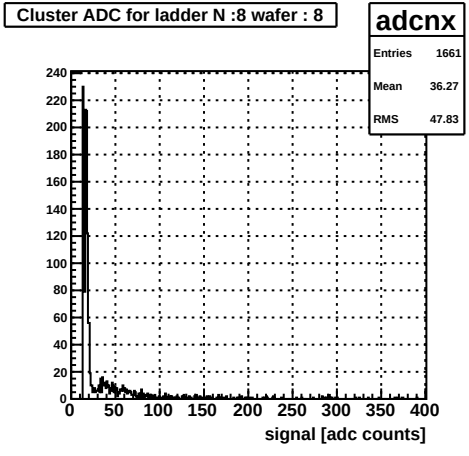

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 2993
Mean 27.43
RMS 33.45
signal [adc counts]

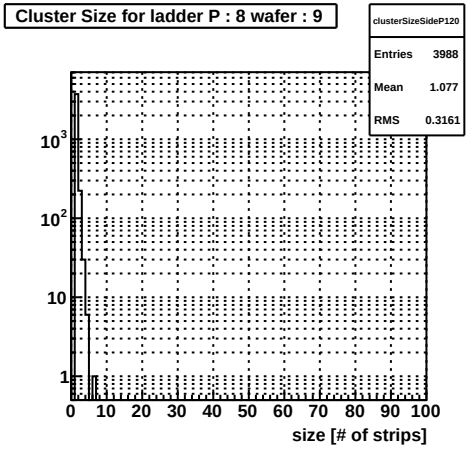

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 6299
Mean 1.154
RMS 0.4786
size [# of strips]

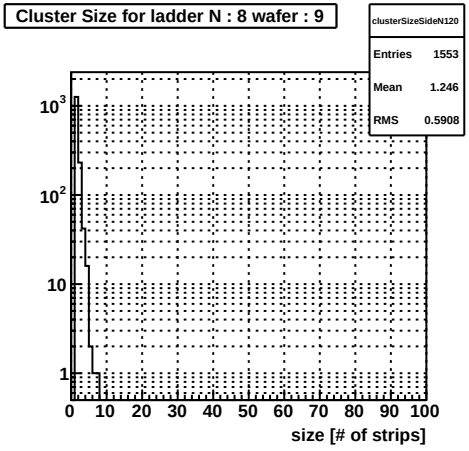

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 1661
Mean 1.24
RMS 0.739
size [# of strips]

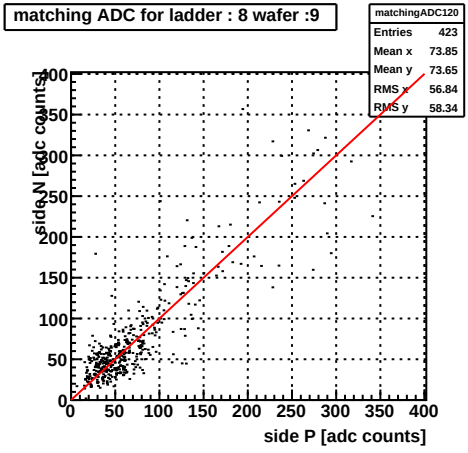

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 382
Mean x 78.24
Mean y 72.73
RMS x 69.1
RMS y 67.28
side N [adc counts]
side P [adc counts]

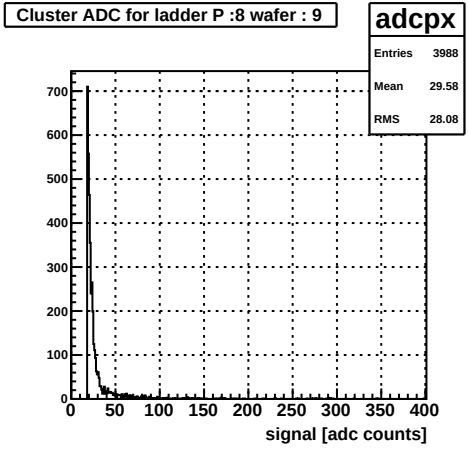

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 6299
Mean 34.19
RMS 28.77
signal [adc counts]

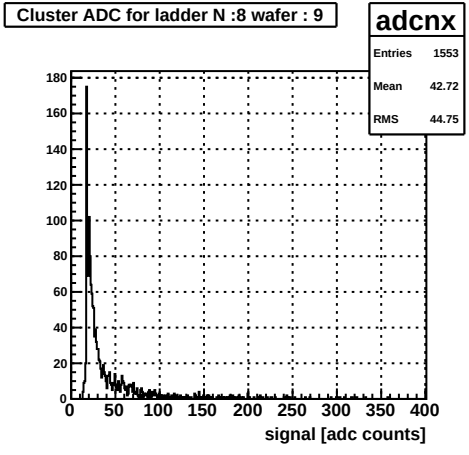

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 1661
Mean 36.27
RMS 47.83
signal [adc counts]

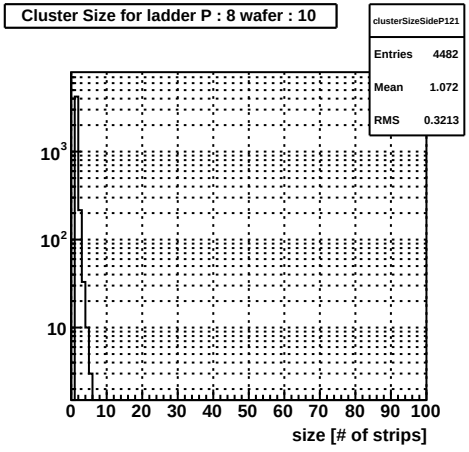

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 3988
Mean 1.077
RMS 0.3161
size [# of strips]

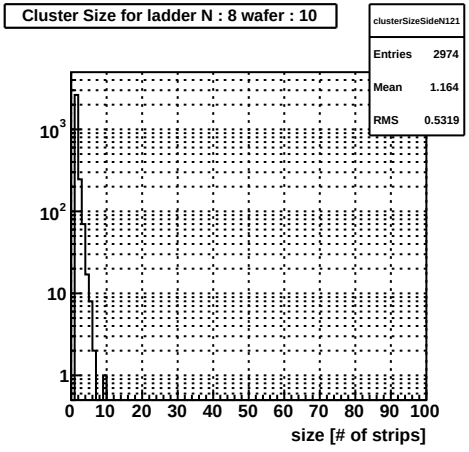

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 1553
Mean 1.246
RMS 0.5908
size [# of strips]

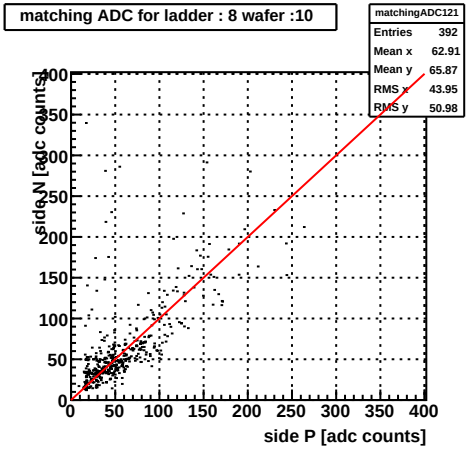

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 423
Mean x 73.85
Mean y 73.65
RMS x 56.84
RMS y 58.34
side N [adc counts]
side P [adc counts]

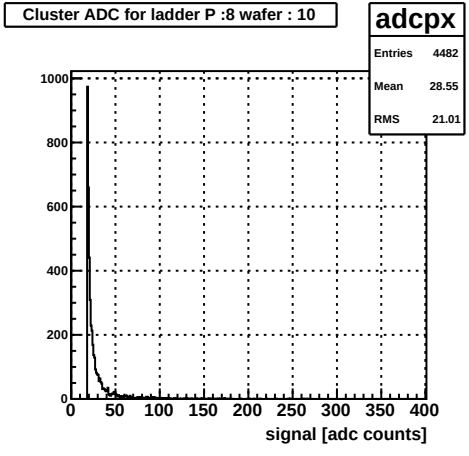

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 3988
Mean 29.58
RMS 28.08
signal [adc counts]

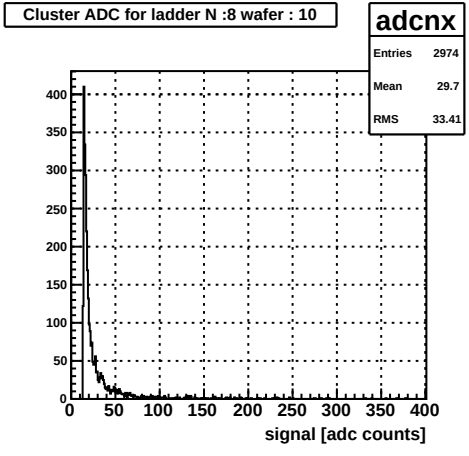

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 1553
Mean 42.72
RMS 44.75
signal [adc counts]

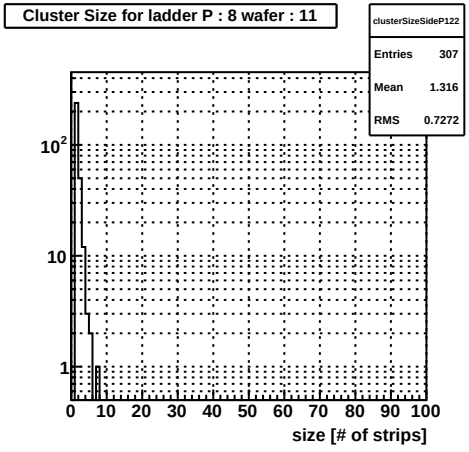

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 4482
Mean 1.072
RMS 0.3213
size [# of strips]

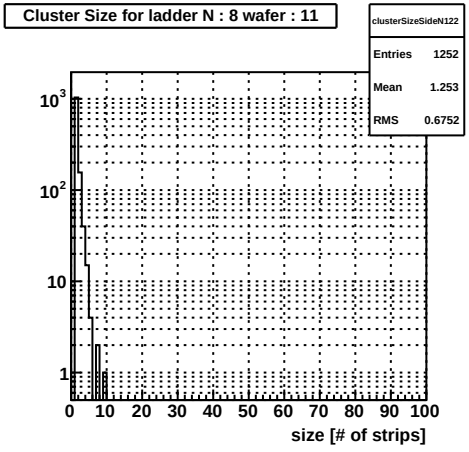

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 2974
Mean 1.164
RMS 0.5319
size [# of strips]

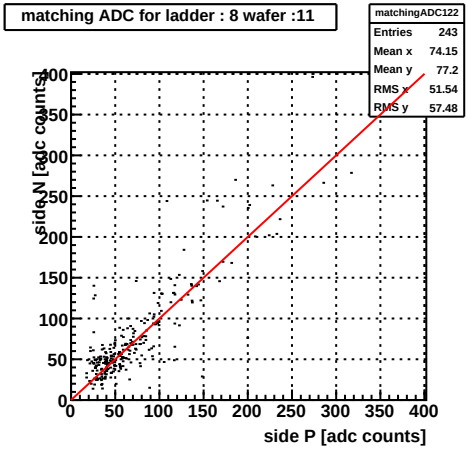

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 392
Mean x 62.91
Mean y 65.87
RMS x 43.95
RMS y 50.98
side N [adc counts]
side P [adc counts]

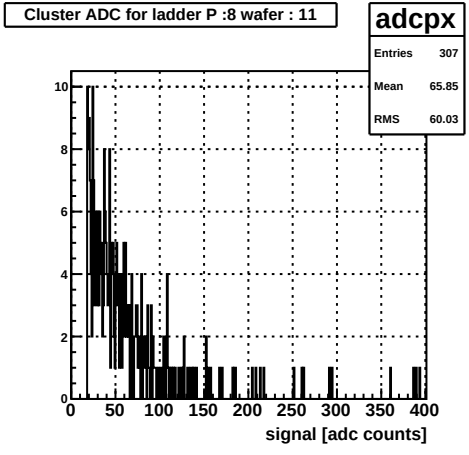

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 4482
Mean 28.55
RMS 21.01
signal [adc counts]

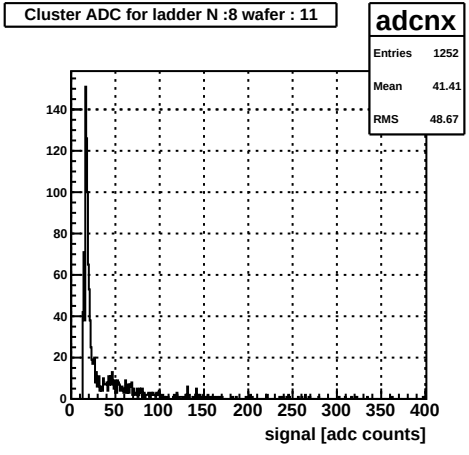

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 2974
Mean 29.7
RMS 33.41
signal [adc counts]

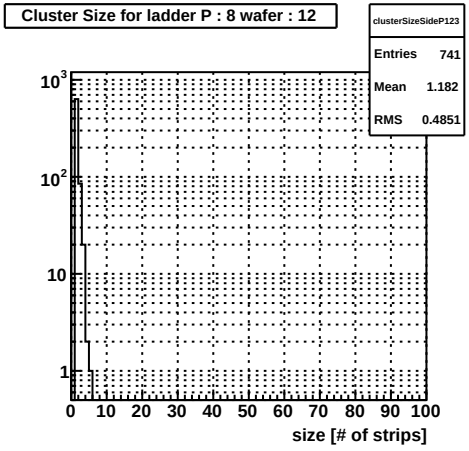

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 307
Mean 1.316
RMS 0.7272
size [# of strips]

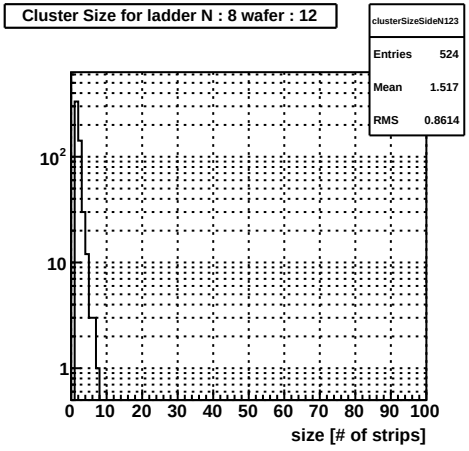

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 1252
Mean 1.253
RMS 0.6752
size [# of strips]

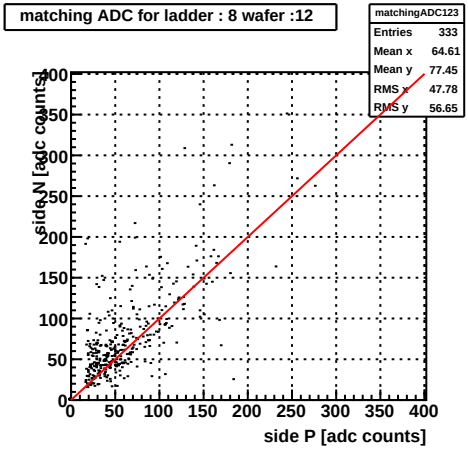

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 243
Mean x 74.15
Mean y 77.2
RMS x 51.54
RMS y 57.48
side N [adc counts]
side P [adc counts]

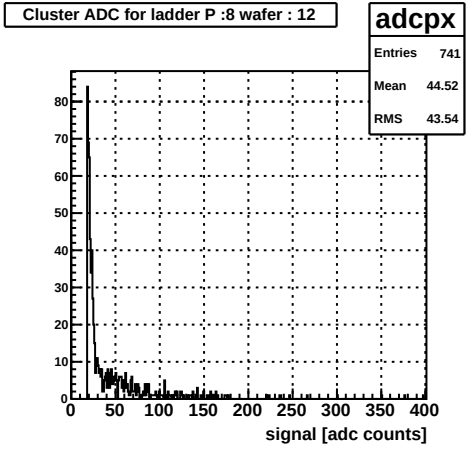

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 307
Mean 65.85
RMS 60.03
signal [adc counts]

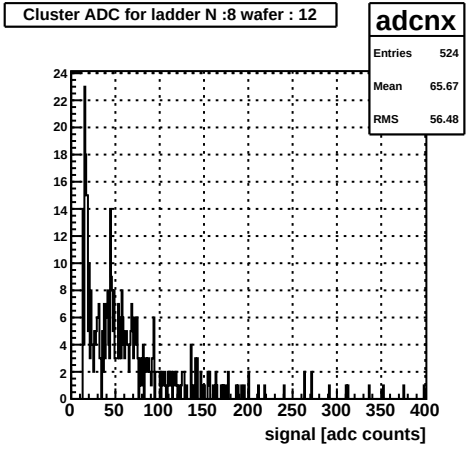

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 1252
Mean 41.41
RMS 48.67
signal [adc counts]

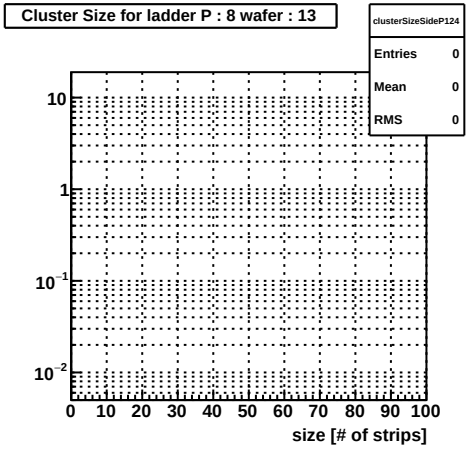

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 741
Mean 1.182
RMS 0.4851
size [# of strips]

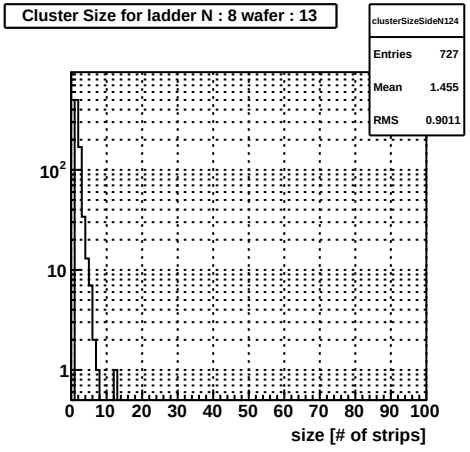

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 524
Mean 1.517
RMS 0.8614
size [# of strips]

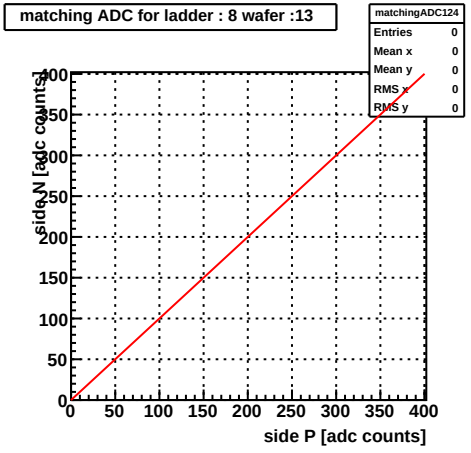

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 333
Mean x 64.61
Mean y 77.45
RMS x 47.78
RMS y 56.65
side N [adc counts]
side P [adc counts]

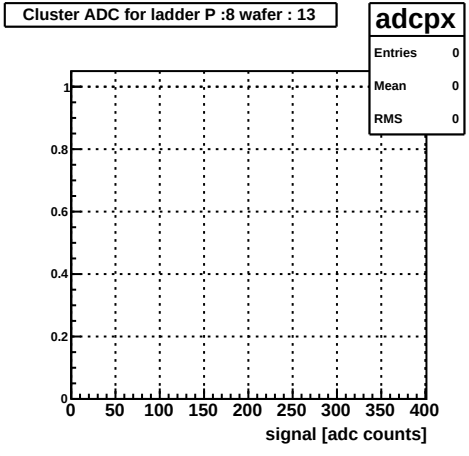

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 741
Mean 44.52
RMS 43.54
signal [adc counts]

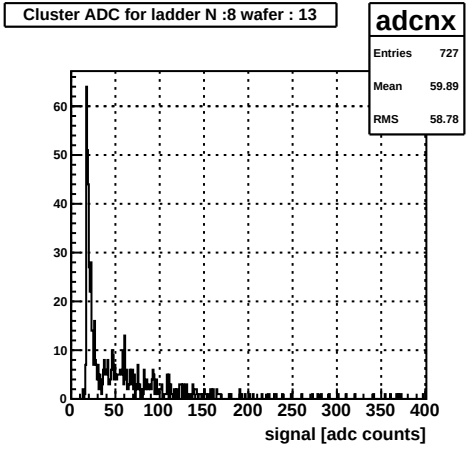

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 524
Mean 65.67
RMS 56.48
signal [adc counts]

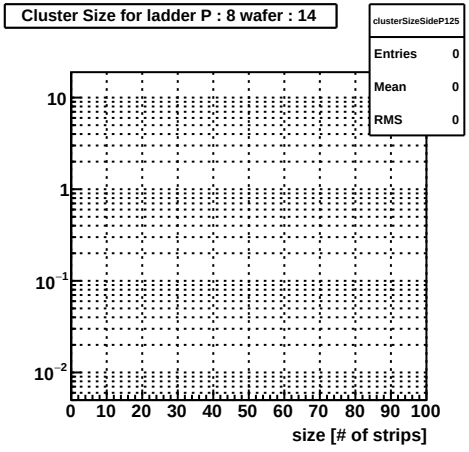

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

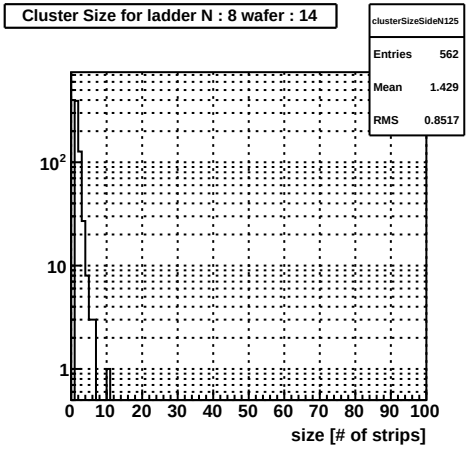

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 727
Mean 1.455
RMS 0.9011
size [# of strips]

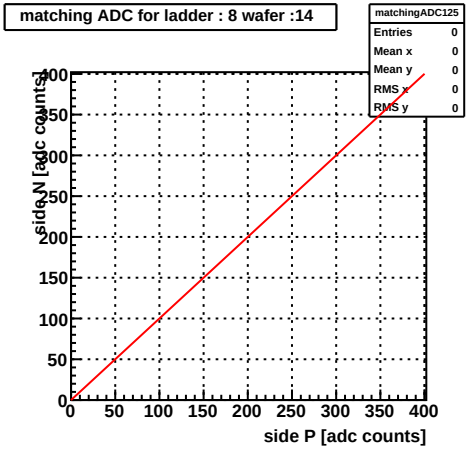

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

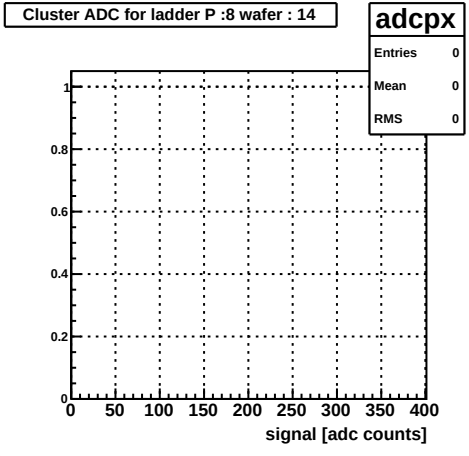

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

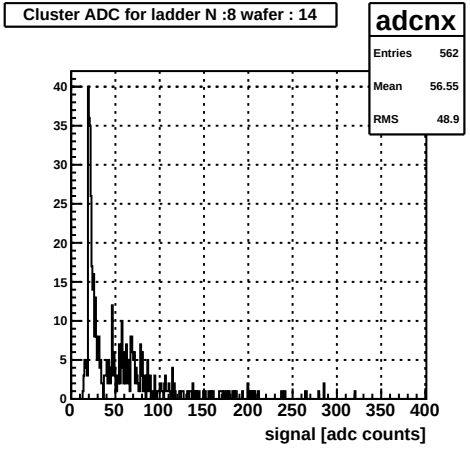

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 727
Mean 59.89
RMS 58.78
signal [adc counts]

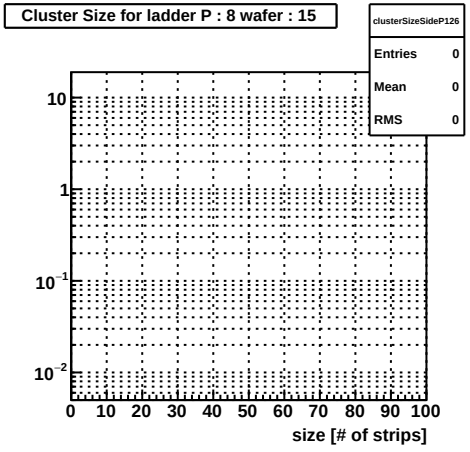

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

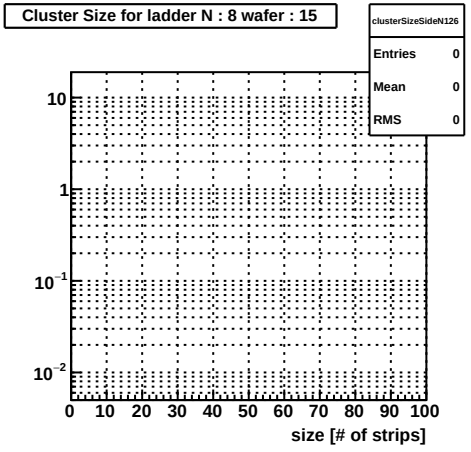

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 562
Mean 1.429
RMS 0.8517
size [# of strips]

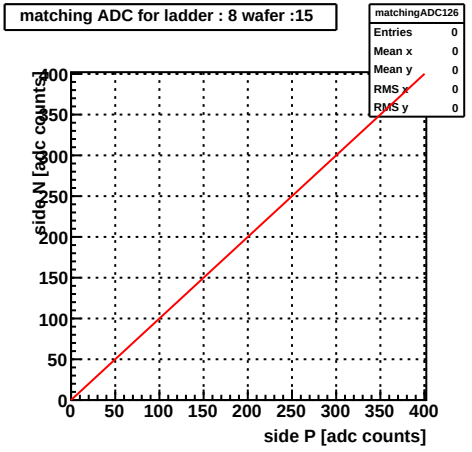

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

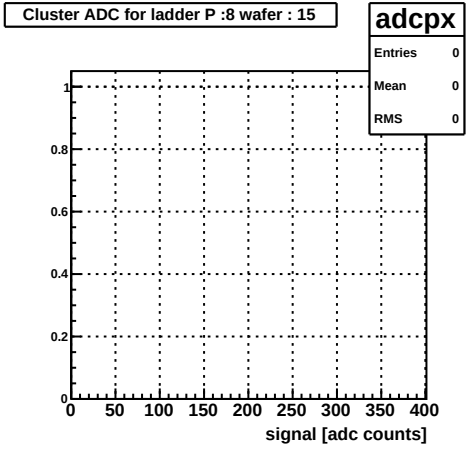

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

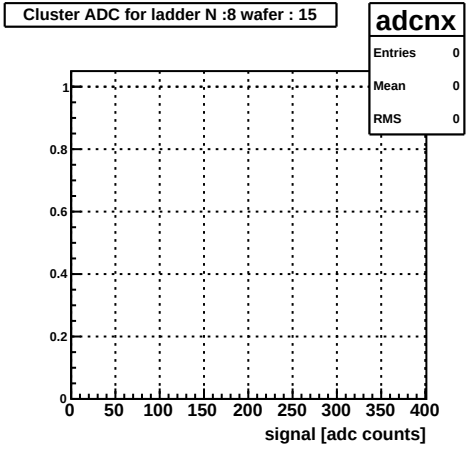

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 562
Mean 56.55
RMS 48.9
signal [adc counts]

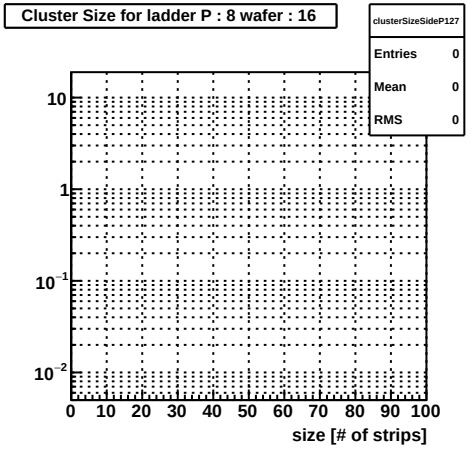

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 0
Mean 0
RMS 0
size [# of strips]

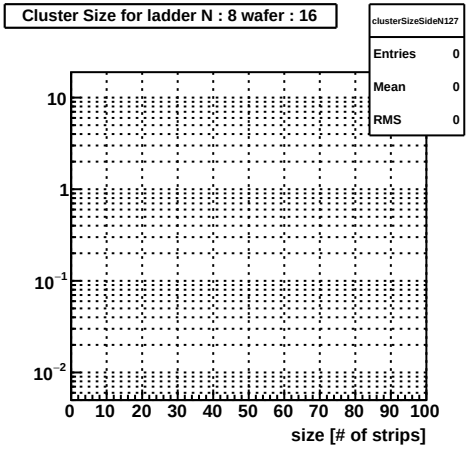

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

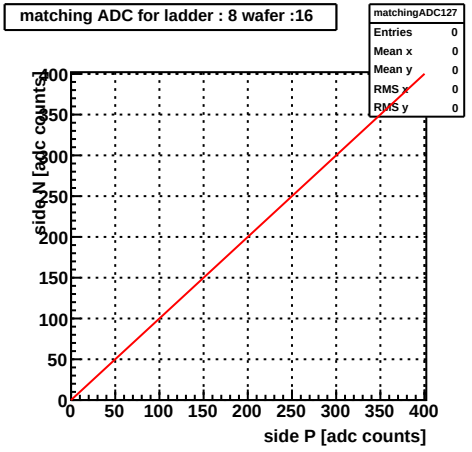

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

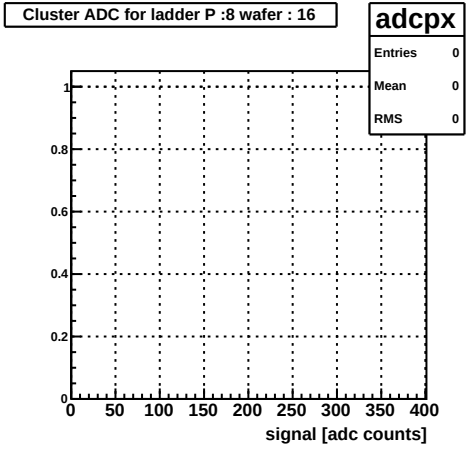

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

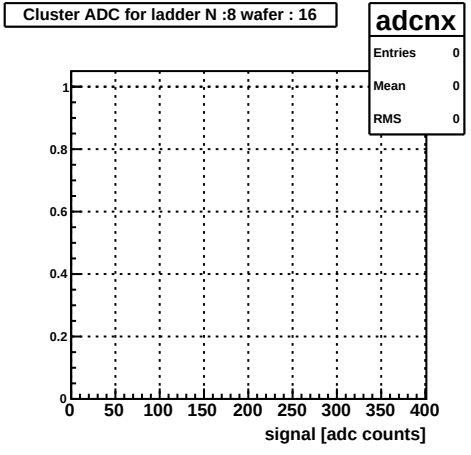

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

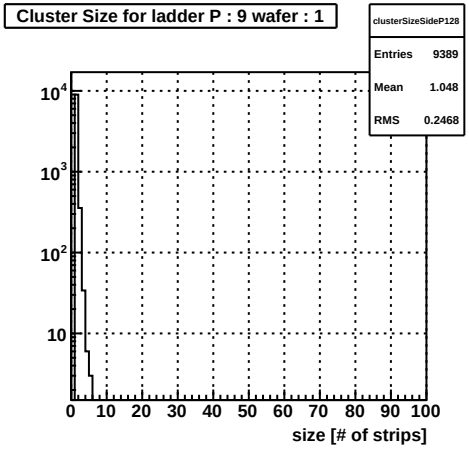

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

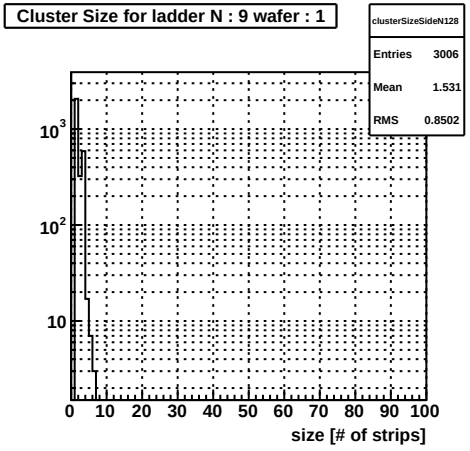

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

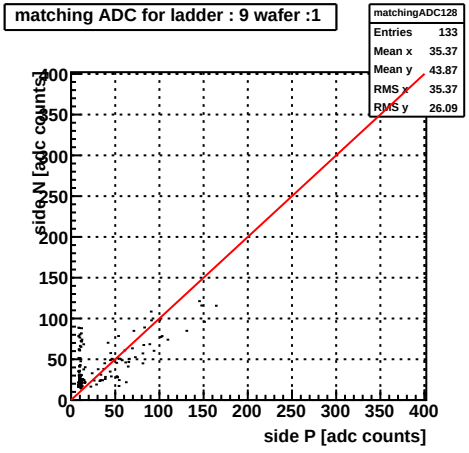

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

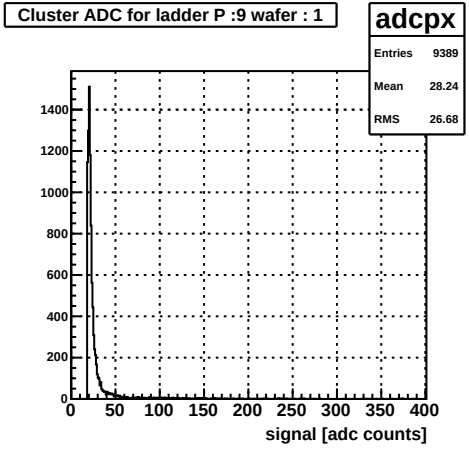

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

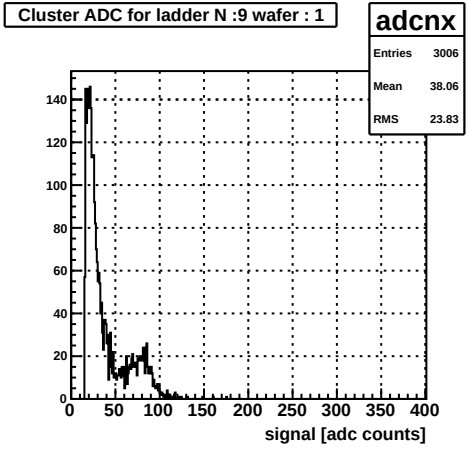

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

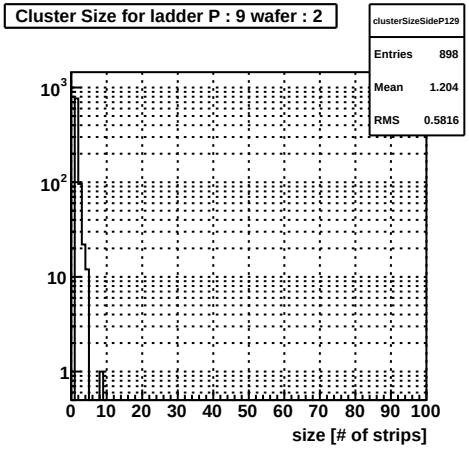

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 9389
Mean 1.048
RMS 0.2468
size [# of strips]

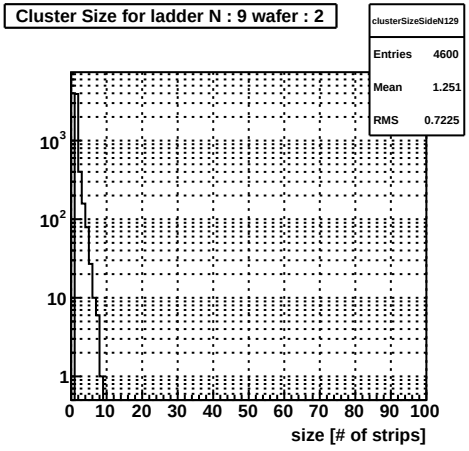

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 3006
Mean 1.531
RMS 0.8502
size [# of strips]

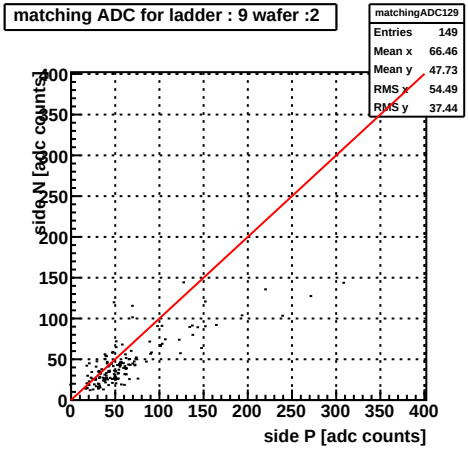

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 133
Mean x 35.37
Mean y 43.87
RMS x 35.37
RMS y 26.09
side N [adc counts]
side P [adc counts]

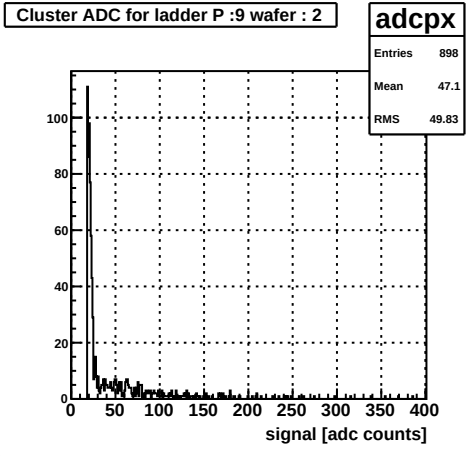

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 9389
Mean 28.24
RMS 26.68
signal [adc counts]

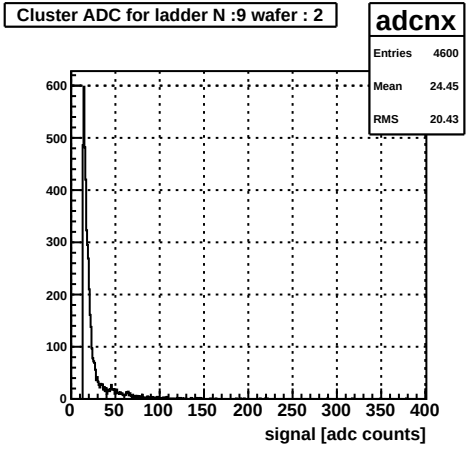

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 3006
Mean 38.06
RMS 23.83
signal [adc counts]

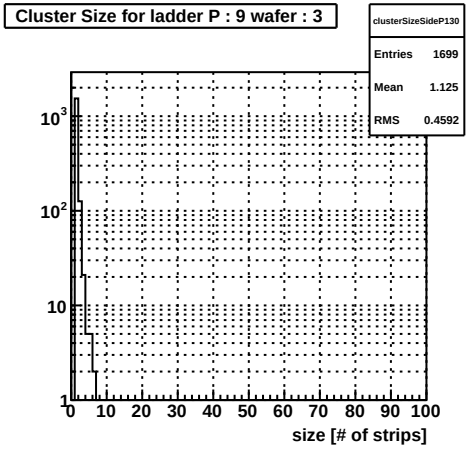

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 898
Mean 1.204
RMS 0.5816
size [# of strips]

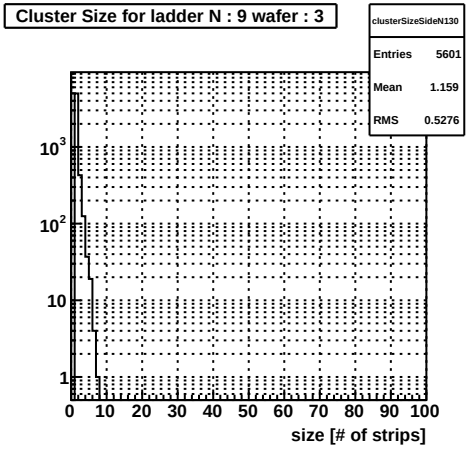

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 4600
Mean 1.251
RMS 0.7225
size [# of strips]

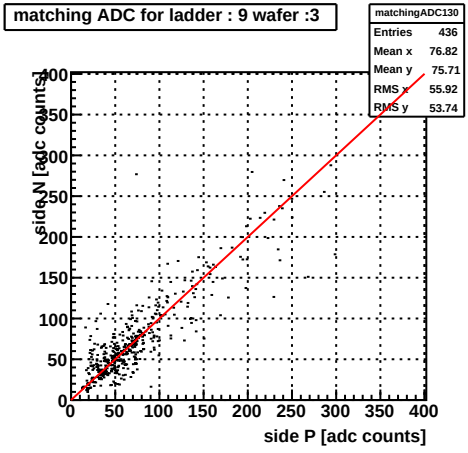

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 149
Mean x 66.46
Mean y 47.73
RMS x 54.49
RMS y 37.44
side N [adc counts]
side P [adc counts]

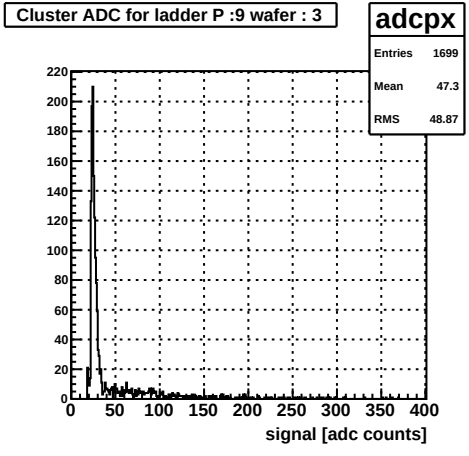

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 898
Mean 47.1
RMS 49.83
signal [adc counts]

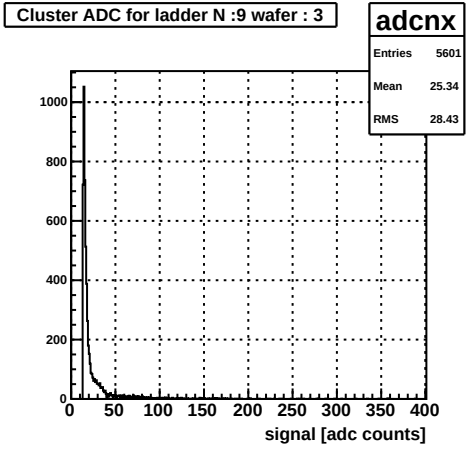

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 4600
Mean 24.45
RMS 20.43
signal [adc counts]

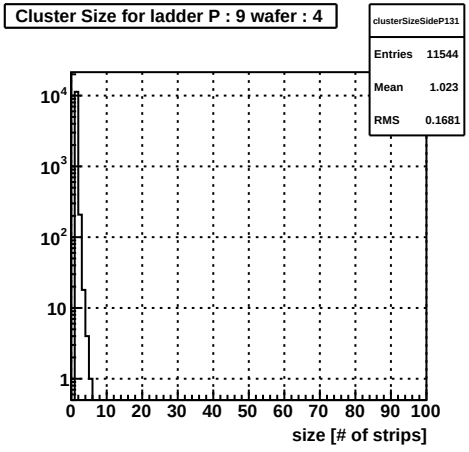

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 1699
Mean 1.125
RMS 0.4592
size [# of strips]

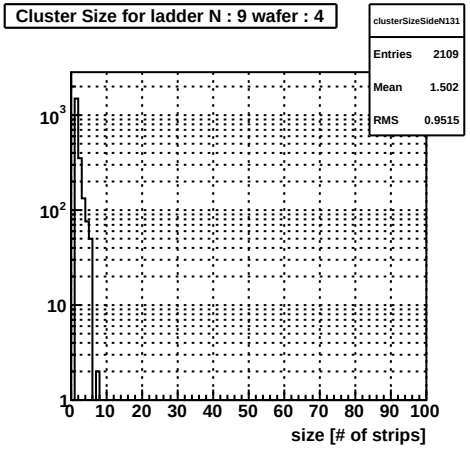

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 5601
Mean 1.159
RMS 0.5276
size [# of strips]

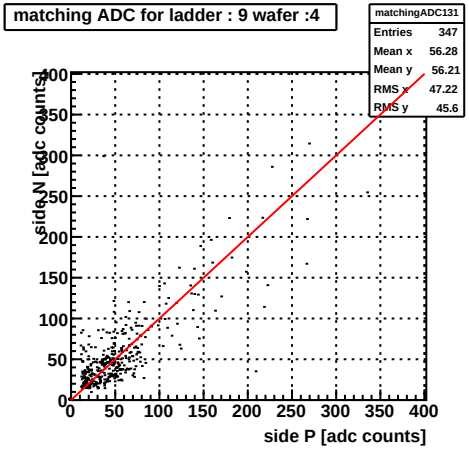

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 436
Mean x 76.82
Mean y 75.71
RMS x 55.92
RMS y 53.74
side N [adc counts]
side P [adc counts]

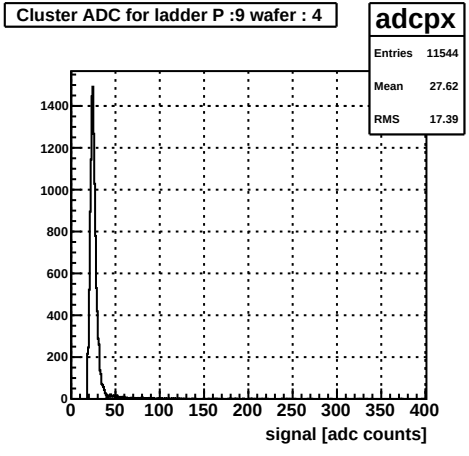

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 1699
Mean 47.3
RMS 48.87
signal [adc counts]

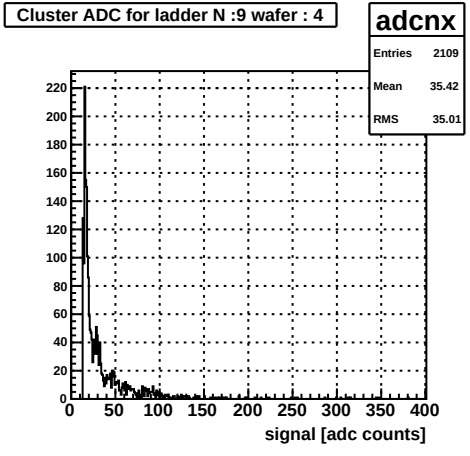

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 5601
Mean 25.34
RMS 28.43
signal [adc counts]

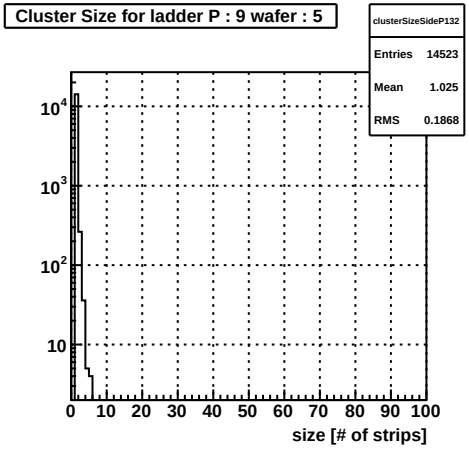

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 11544
Mean 1.023
RMS 0.1681
size [# of strips]

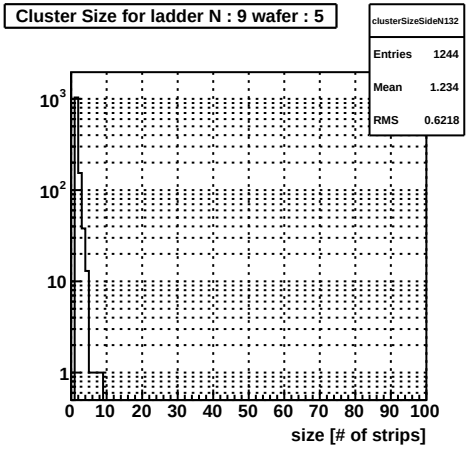

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 2109
Mean 1.502
RMS 0.9515
size [# of strips]

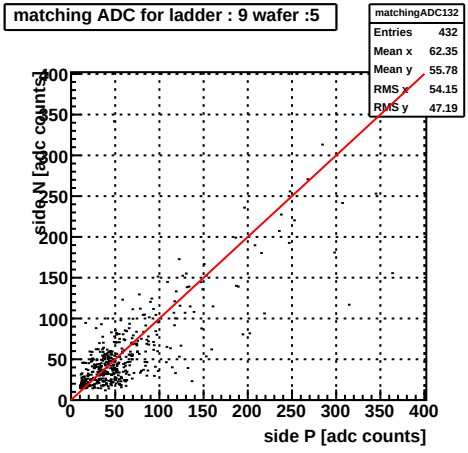

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 347
Mean x 56.28
Mean y 56.21
RMS x 47.22
RMS y 45.6
side N [adc counts]
side P [adc counts]

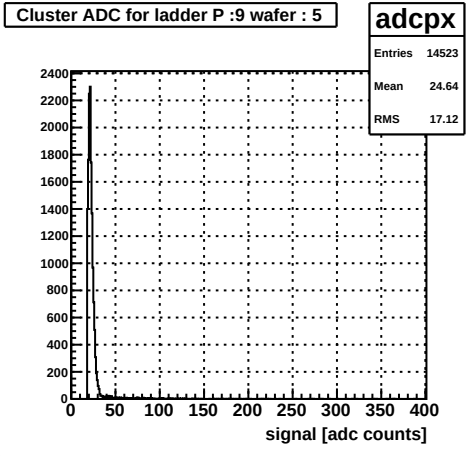

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 11544
Mean 27.62
RMS 17.39
signal [adc counts]

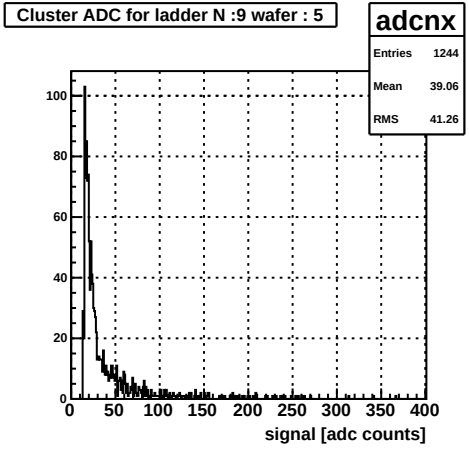

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 2109
Mean 35.42
RMS 35.01
signal [adc counts]

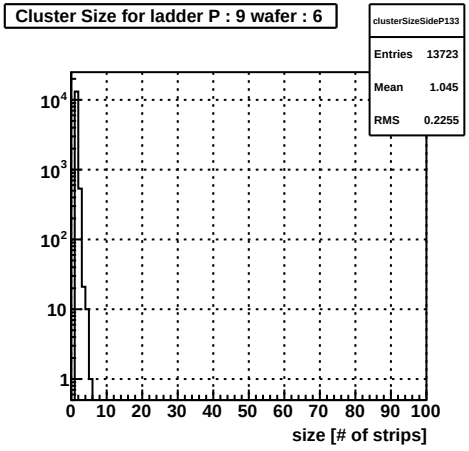

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 14523
Mean 1.025
RMS 0.1868
size [# of strips]

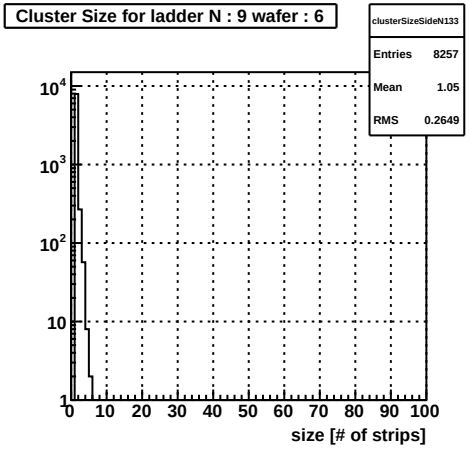

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 1244
Mean 1.234
RMS 0.6218
size [# of strips]

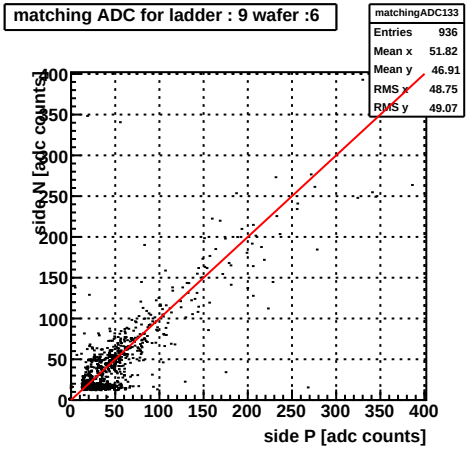

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 432
Mean x 62.35
Mean y 55.78
RMS x 54.15
RMS y 47.19
side N [adc counts]
side P [adc counts]

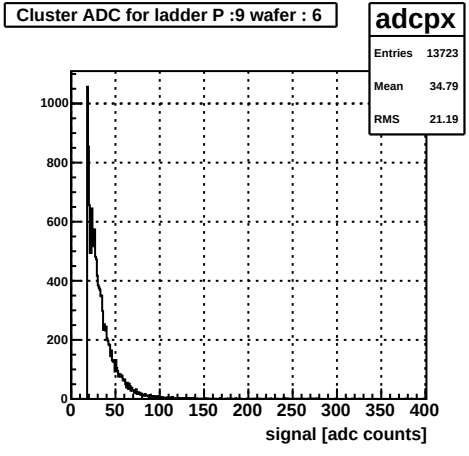

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 14523
Mean 24.64
RMS 17.12
signal [adc counts]

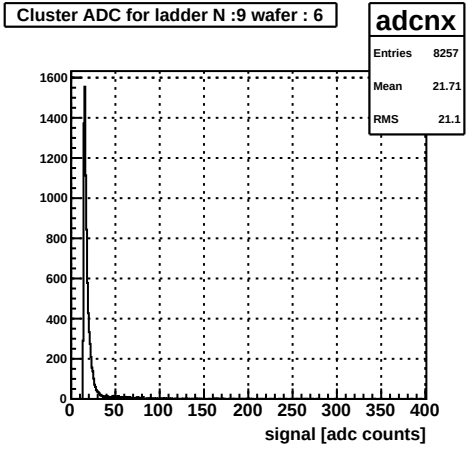

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 1244
Mean 39.06
RMS 41.26
signal [adc counts]

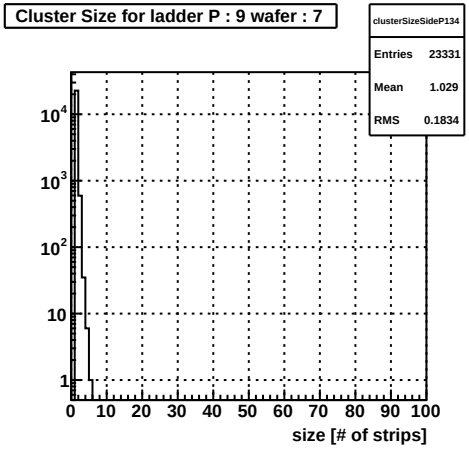

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 13723
Mean 1.045
RMS 0.2255
size [# of strips]

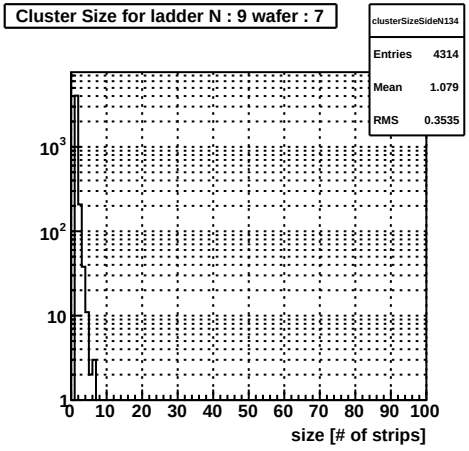

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 8257
Mean 1.05
RMS 0.2649
size [# of strips]

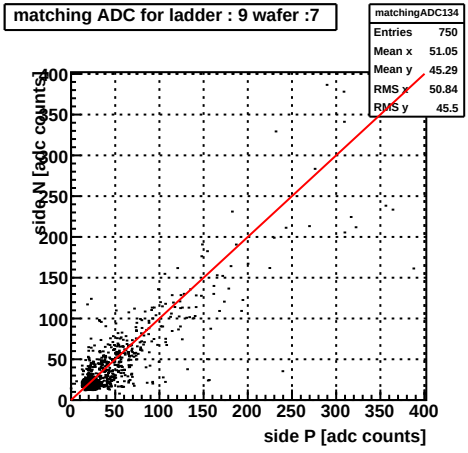

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 936
Mean x 51.82
Mean y 46.91
RMS x 48.75
RMS y 49.07
side N [adc counts]
side P [adc counts]

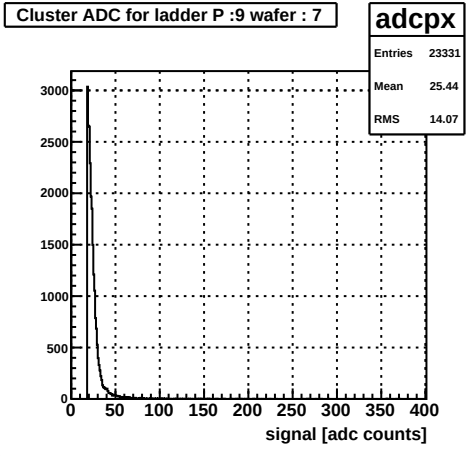

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 13723
Mean 34.79
RMS 21.19
signal [adc counts]

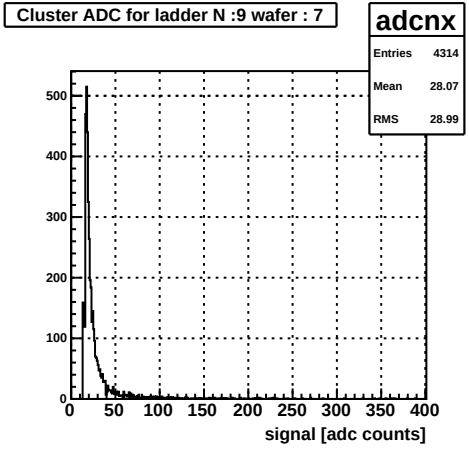

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 8257
Mean 21.71
RMS 21.1
signal [adc counts]

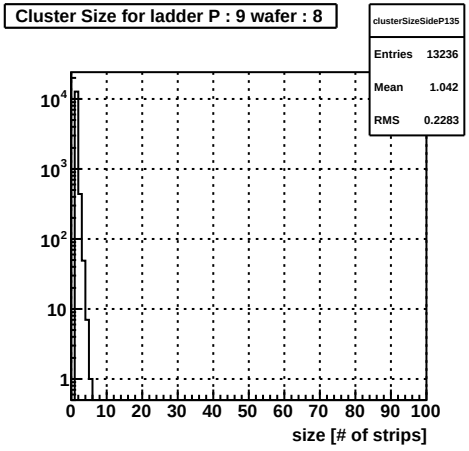

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 23331
Mean 1.029
RMS 0.1834
size [# of strips]

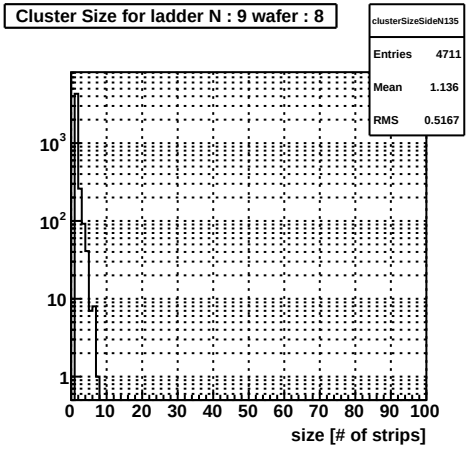

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 4314
Mean 1.079
RMS 0.3535
size [# of strips]

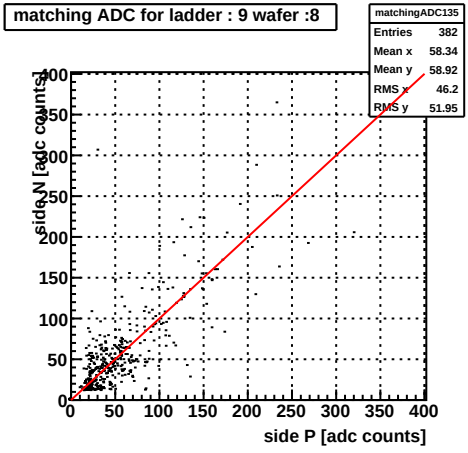

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 750
Mean x 51.05
Mean y 45.29
RMS x 50.84
RMS y 45.5
side N [adc counts]
side P [adc counts]

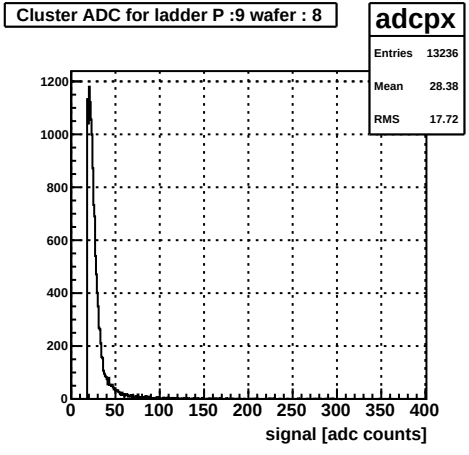

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 23331
Mean 25.44
RMS 14.07
signal [adc counts]

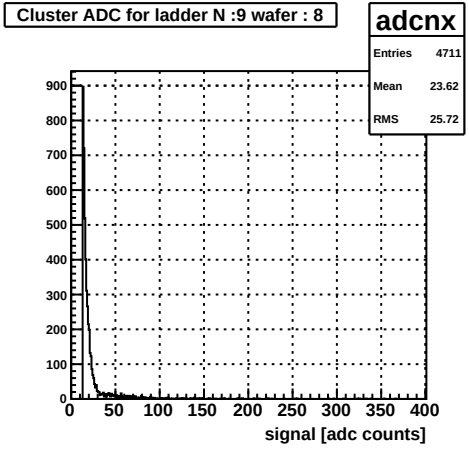

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 4314
Mean 28.07
RMS 28.99
signal [adc counts]

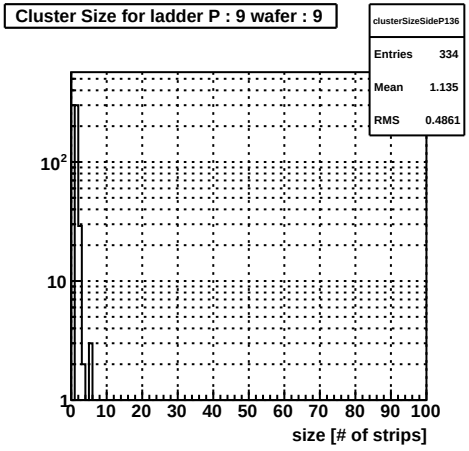

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 13236
Mean 1.042
RMS 0.2283
size [# of strips]

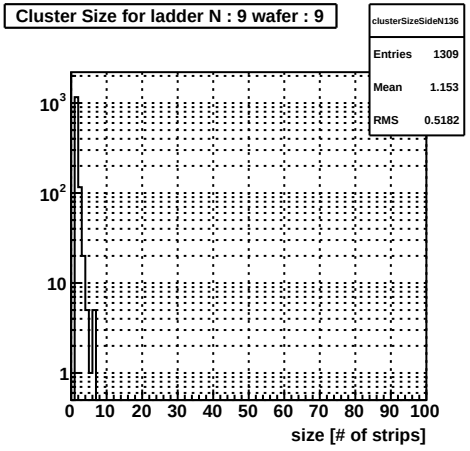

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 4711
Mean 1.136
RMS 0.5167
size [# of strips]

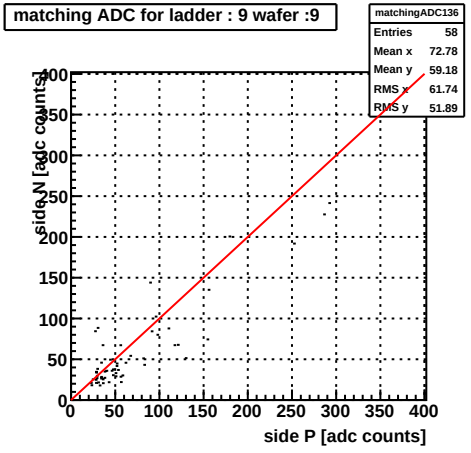

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 382
Mean x 58.34
Mean y 58.92
RMS x 46.2
RMS y 51.95
side N [adc counts]
side P [adc counts]

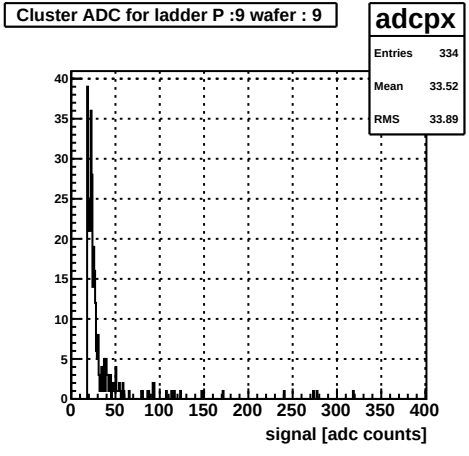

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 13236
Mean 28.38
RMS 17.72
signal [adc counts]

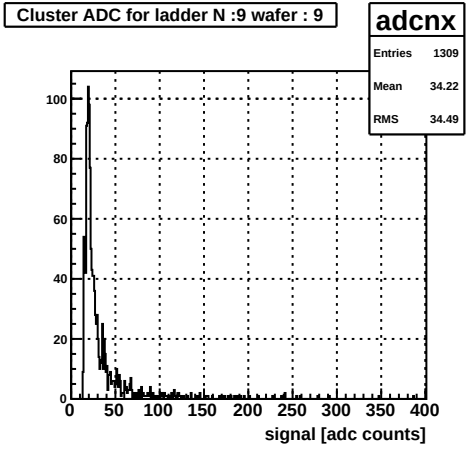

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 4711
Mean 23.62
RMS 25.72
signal [adc counts]

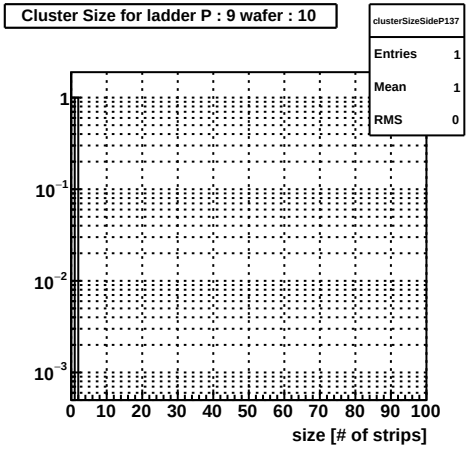

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 334
Mean 1.135
RMS 0.4861
size [# of strips]

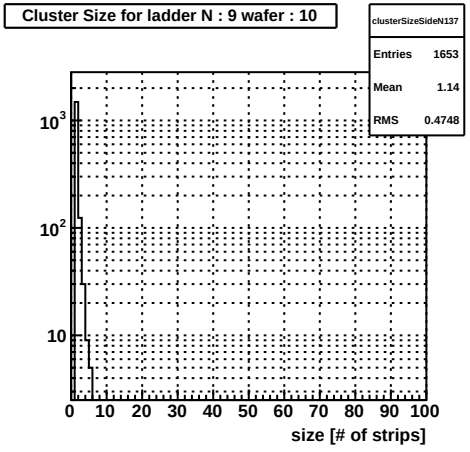

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 1309
Mean 1.153
RMS 0.5182
size [# of strips]

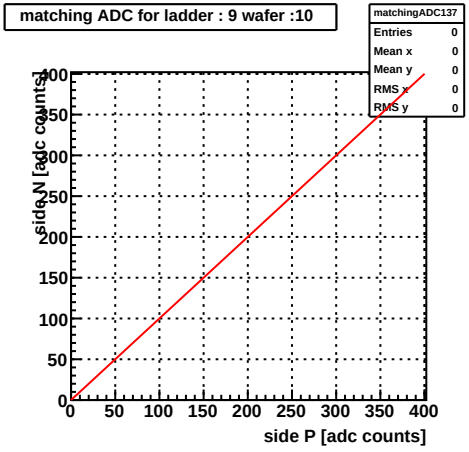

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 58
Mean x 72.78
Mean y 59.18
RMS x 61.74
RMS y 51.89
side N [adc counts]
side P [adc counts]

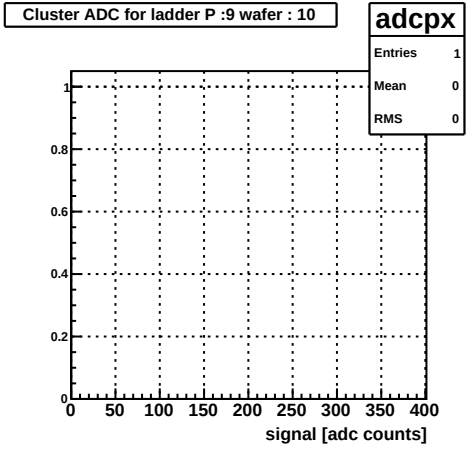

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 334
Mean 33.52
RMS 33.89
signal [adc counts]

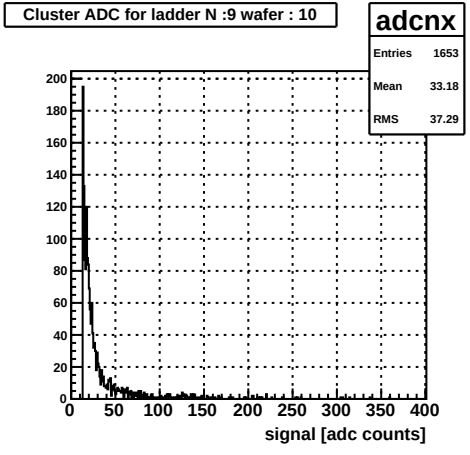

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 1309
Mean 34.22
RMS 34.49
signal [adc counts]

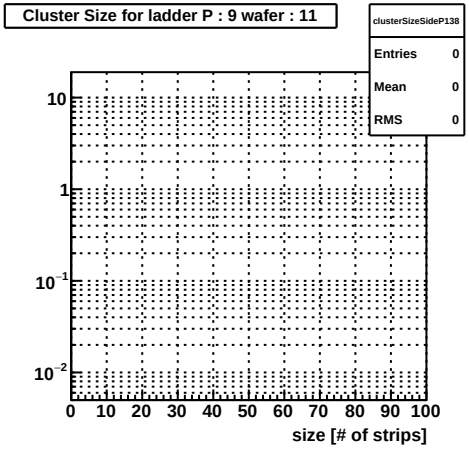

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 1
Mean 1
RMS 0
size [# of strips]

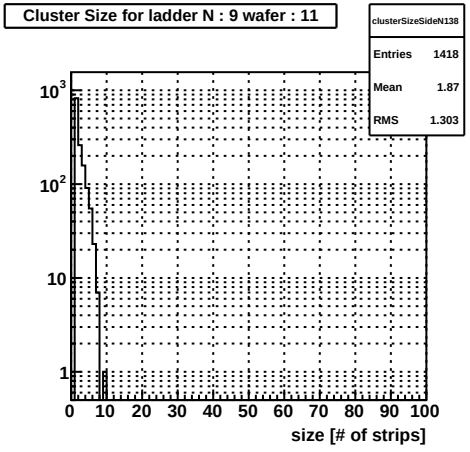

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 1653
Mean 1.14
RMS 0.4748
size [# of strips]

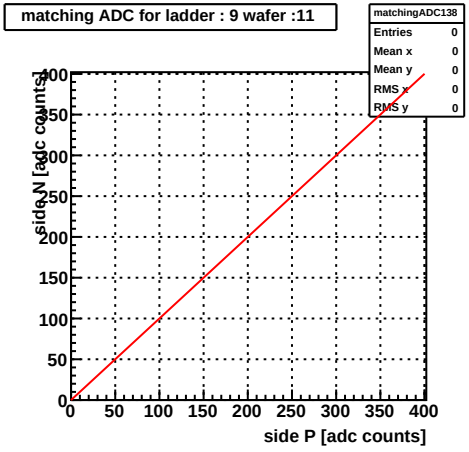

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

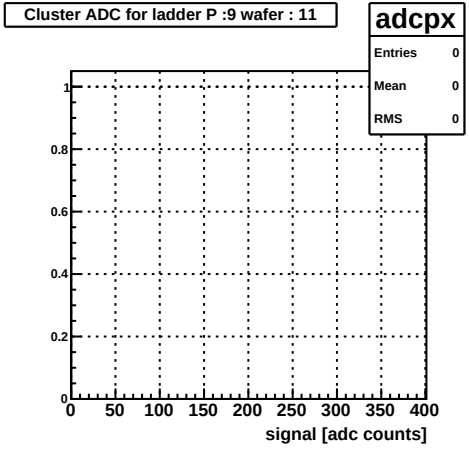

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

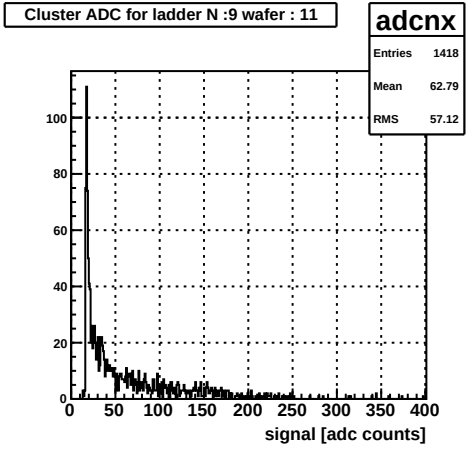

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 1653
Mean 33.18
RMS 37.29
signal [adc counts]

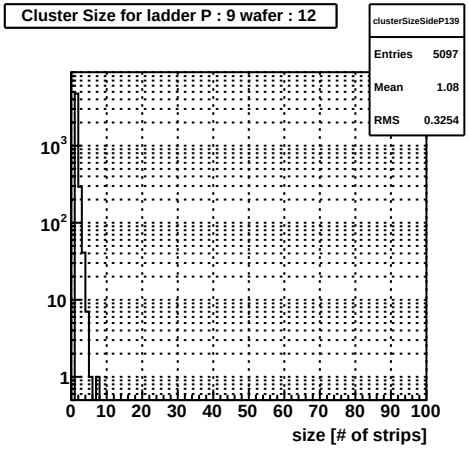

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

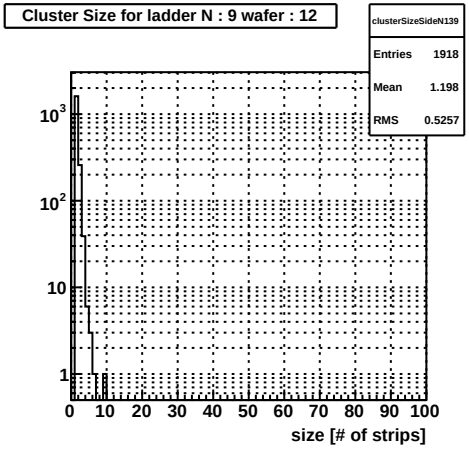

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 1418
Mean 1.87
RMS 1.303
size [# of strips]

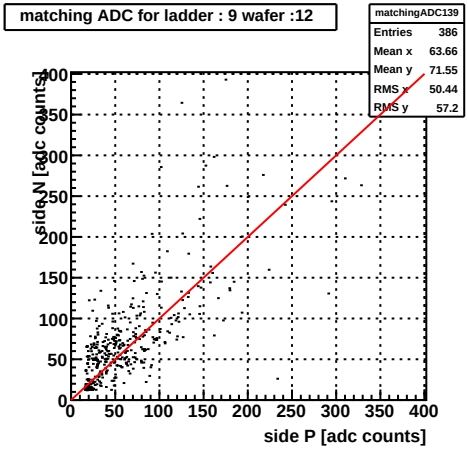

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

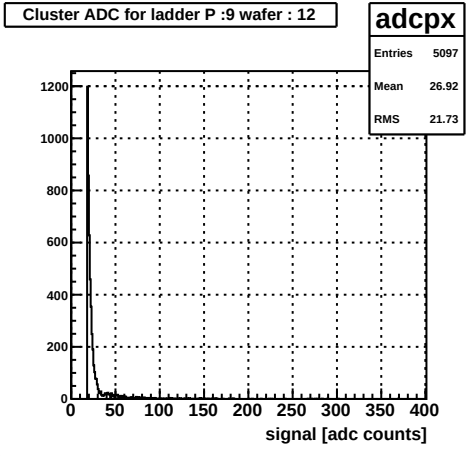

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

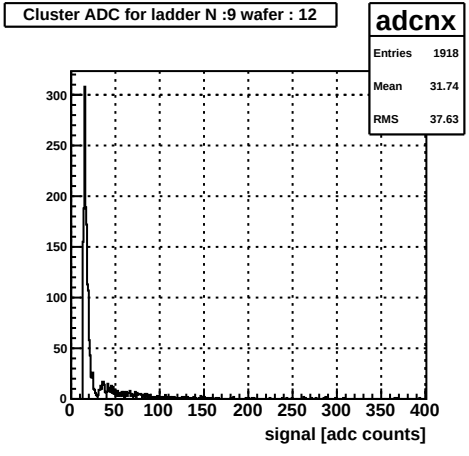

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 1418
Mean 62.79
RMS 57.12
signal [adc counts]

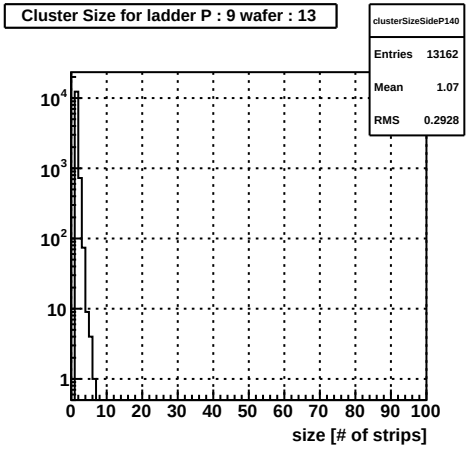

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 5097
Mean 1.08
RMS 0.3254
size [# of strips]

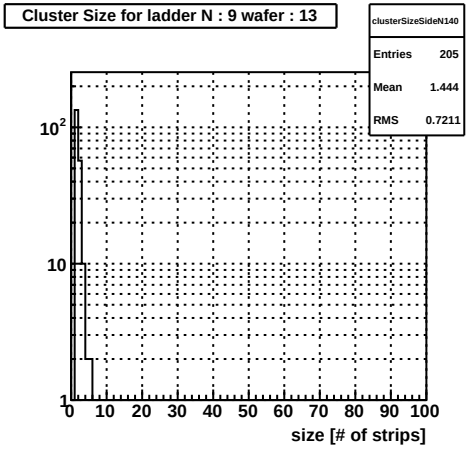

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 1918
Mean 1.198
RMS 0.5257
size [# of strips]

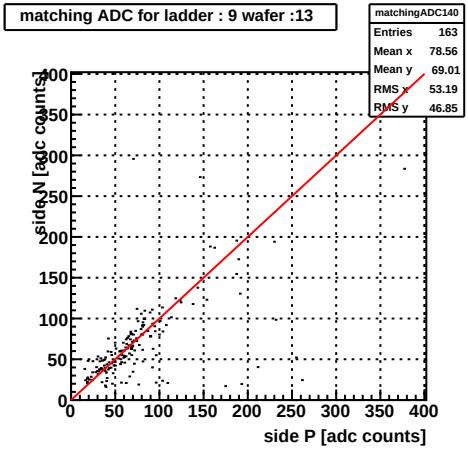

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 386
Mean x 63.66
Mean y 71.55
RMS x 50.44
RMS y 57.2
side N [adc counts]
side P [adc counts]

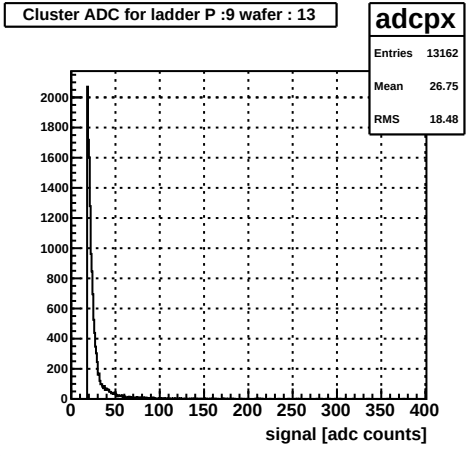

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 5097
Mean 26.92
RMS 21.73
signal [adc counts]

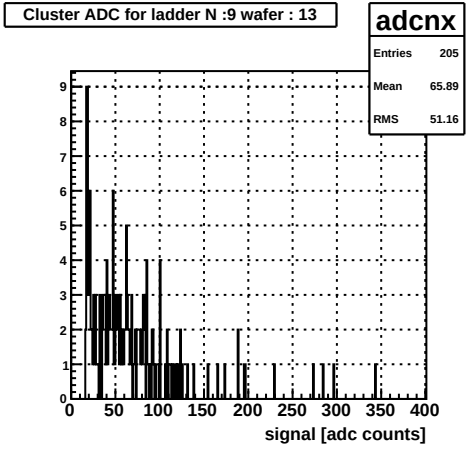

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 1918
Mean 31.74
RMS 37.63
signal [adc counts]

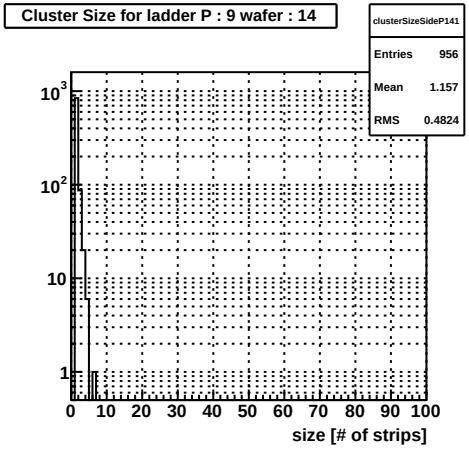

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 13162
Mean 1.07
RMS 0.2928
size [# of strips]

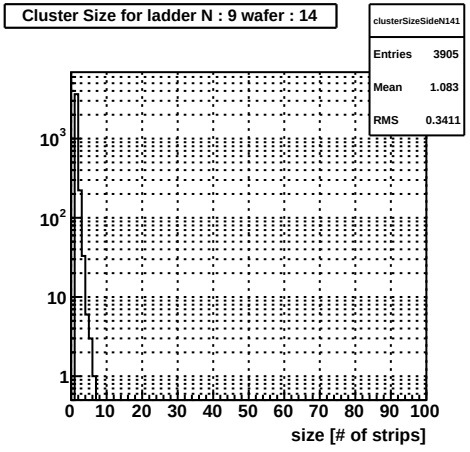

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 205
Mean 1.444
RMS 0.7211
size [# of strips]

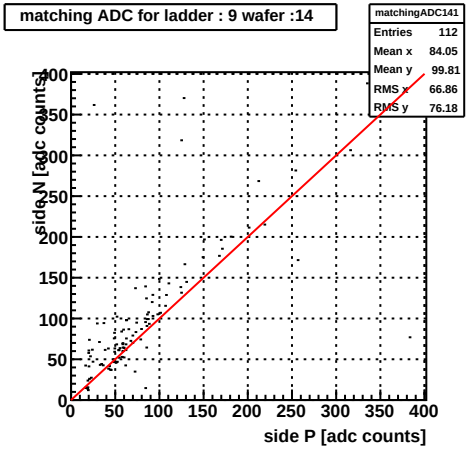

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 163
Mean x 78.56
Mean y 69.01
RMS x 53.19
RMS y 46.85
side N [adc counts]
side P [adc counts]

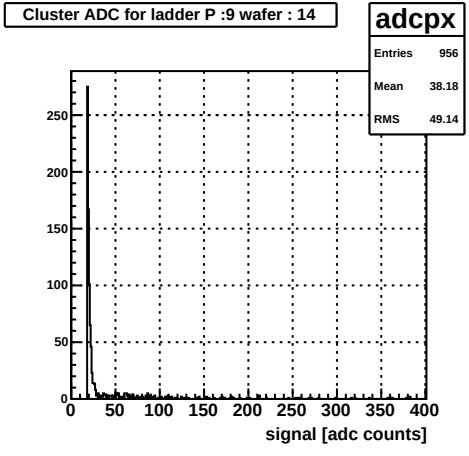

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 13162
Mean 26.75
RMS 18.48
signal [adc counts]

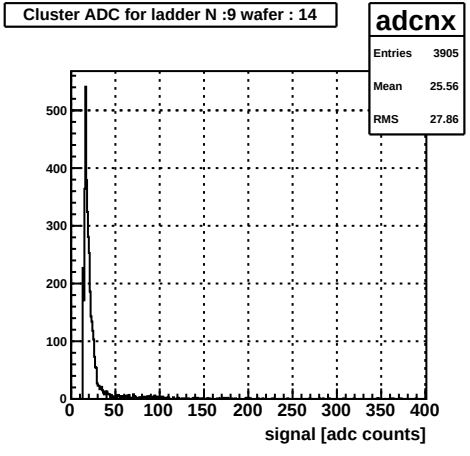

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 205
Mean 65.89
RMS 51.16
signal [adc counts]

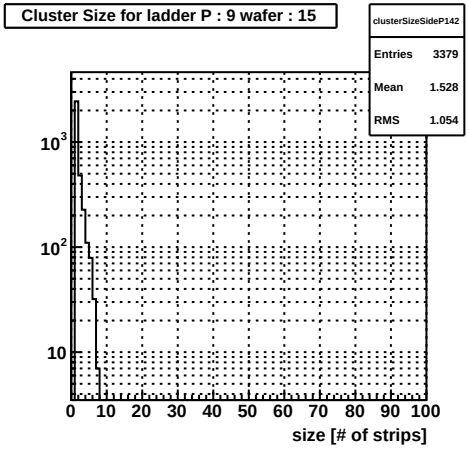

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 956
Mean 1.157
RMS 0.4824
size [# of strips]

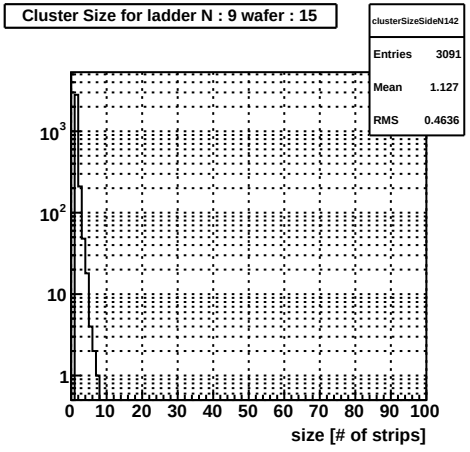

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 3905
Mean 1.083
RMS 0.3411
size [# of strips]

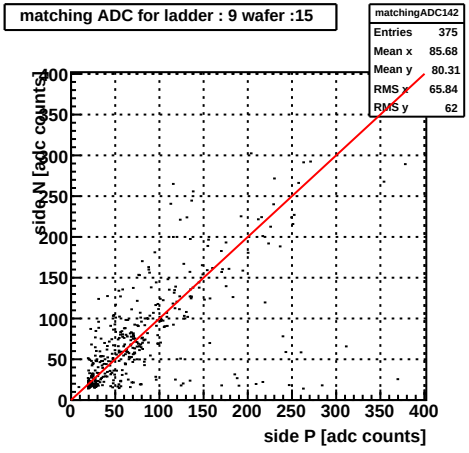

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 112
Mean x 84.05
Mean y 99.81
RMS x 66.86
RMS y 76.18
side N [adc counts]
side P [adc counts]

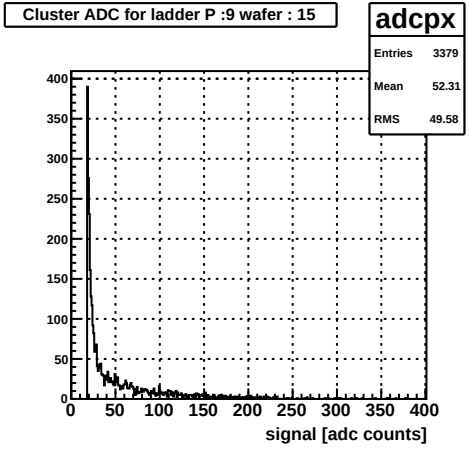

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 956
Mean 38.18
RMS 49.14
signal [adc counts]

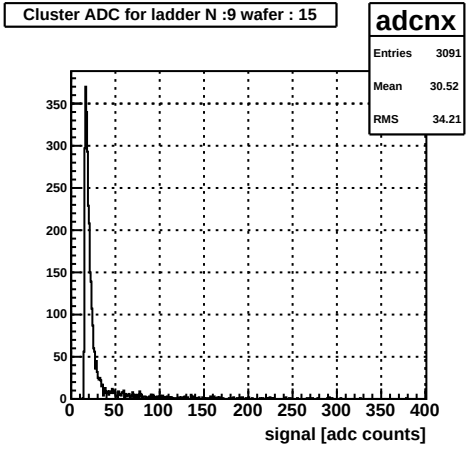

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 3905
Mean 25.56
RMS 27.86
signal [adc counts]

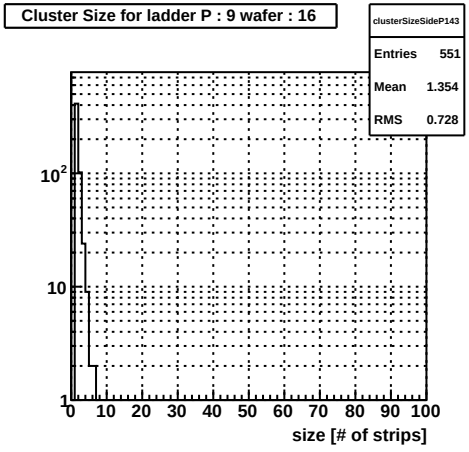

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 3379
Mean 1.528
RMS 1.054
size [# of strips]

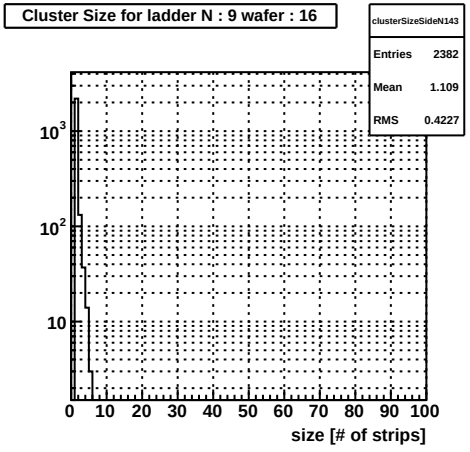

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 3091
Mean 1.127
RMS 0.4636
size [# of strips]

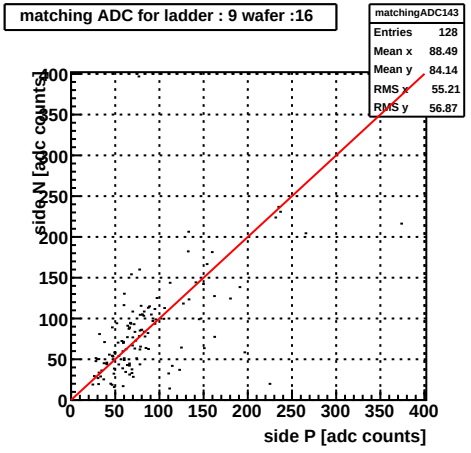

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 375
Mean x 85.68
Mean y 80.31
RMS x 65.84
RMS y 62
side N [adc counts]
side P [adc counts]

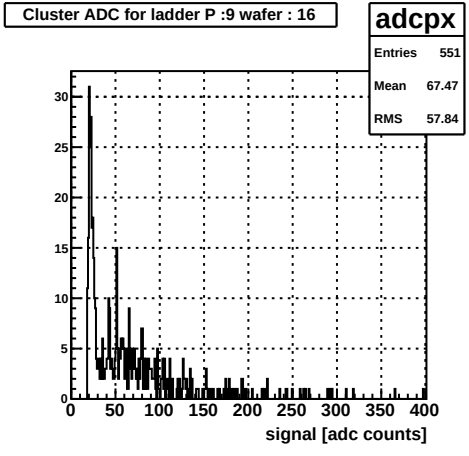

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 3379
Mean 52.31
RMS 49.58
signal [adc counts]

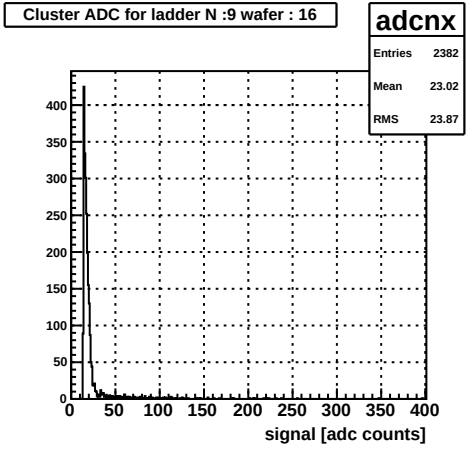

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 3091
Mean 30.52
RMS 34.21
signal [adc counts]

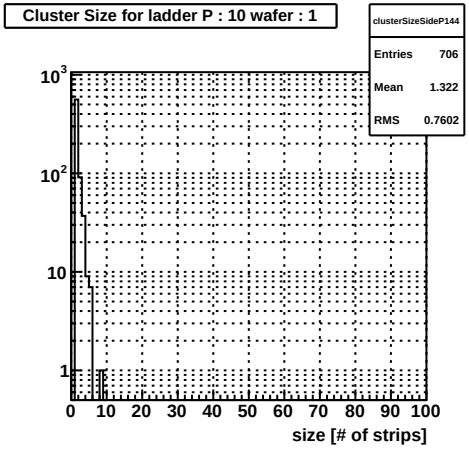

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 551
Mean 1.354
RMS 0.728
size [# of strips]

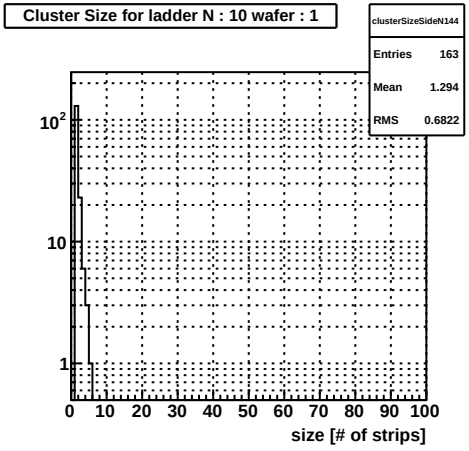

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 2382
Mean 1.109
RMS 0.4227
size [# of strips]

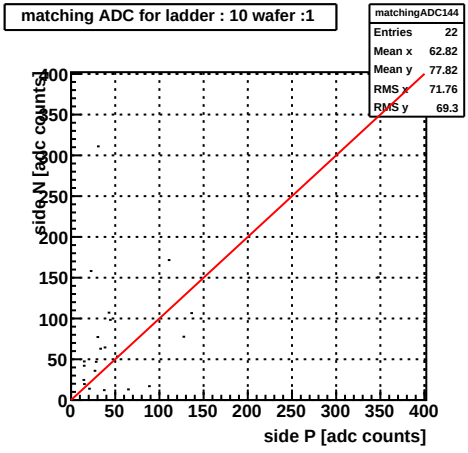

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 128
Mean x 88.49
Mean y 84.14
RMS x 55.21
RMS y 56.87
side N [adc counts]
side P [adc counts]

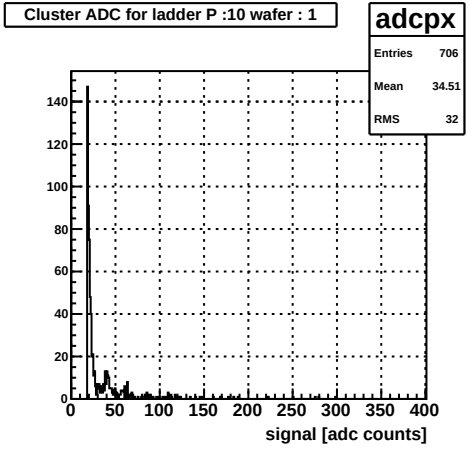

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 551
Mean 67.47
RMS 57.84
signal [adc counts]

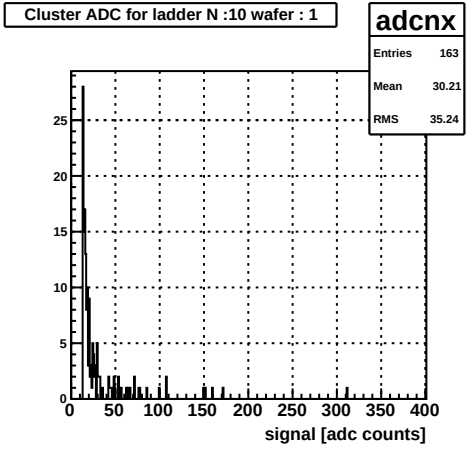

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 2382
Mean 23.02
RMS 23.87
signal [adc counts]

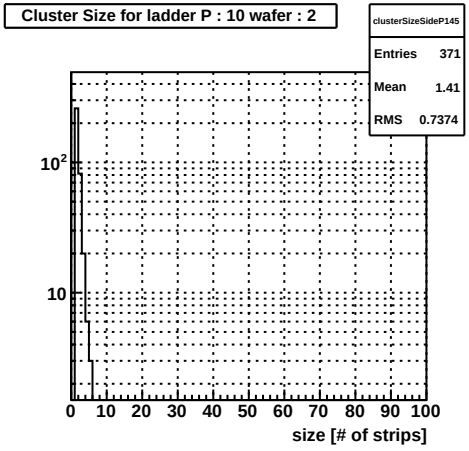

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 706
Mean 1.322
RMS 0.7602
size [# of strips]

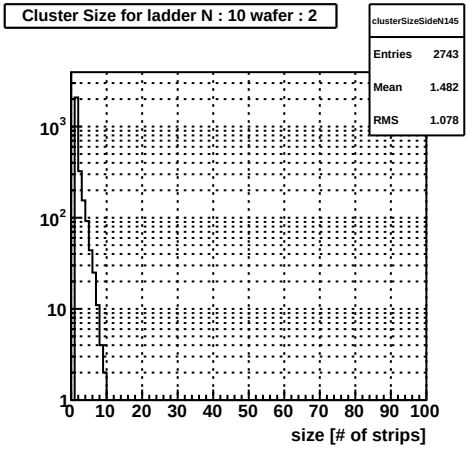

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 163
Mean 1.294
RMS 0.6822
size [# of strips]

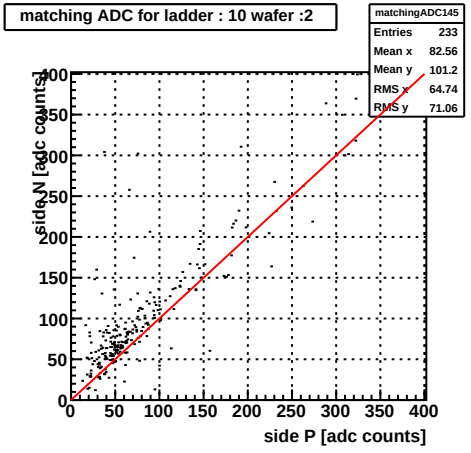

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 22
Mean x 62.82
Mean y 77.82
RMS x 71.76
RMS y 69.3
side N [adc counts]
side P [adc counts]

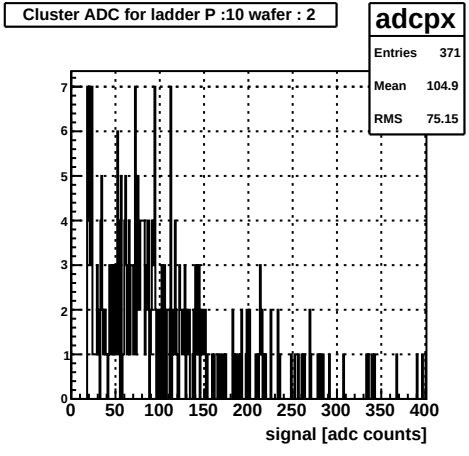

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 706
Mean 34.51
RMS 32
signal [adc counts]

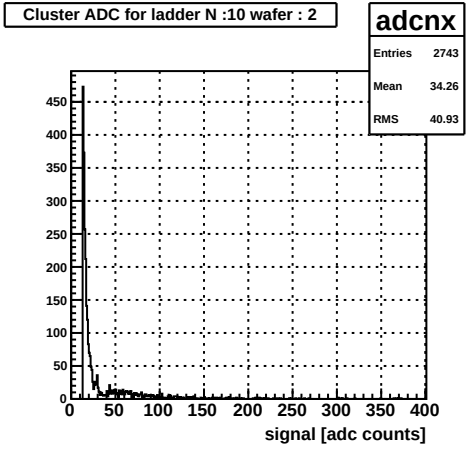

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 163
Mean 30.21
RMS 35.24
signal [adc counts]

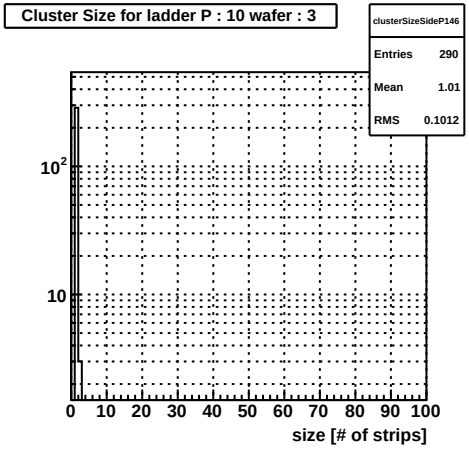

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 371
Mean 1.41
RMS 0.7374
size [# of strips]

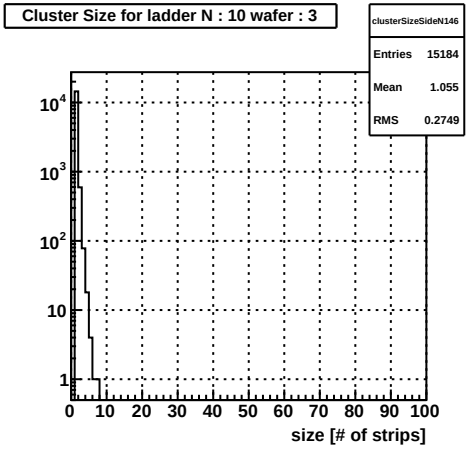

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 2743
Mean 1.482
RMS 1.078
size [# of strips]

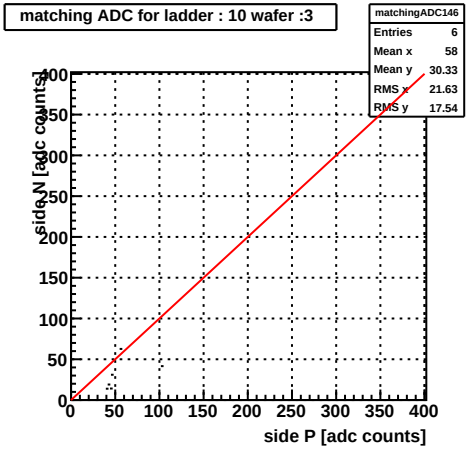

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 233
Mean x 82.56
Mean y 101.2
RMS x 64.74
RMS y 71.06
side N [adc counts]
side P [adc counts]

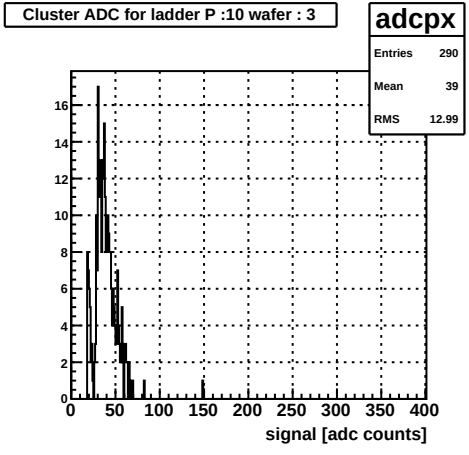

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 371
Mean 104.9
RMS 75.15
signal [adc counts]

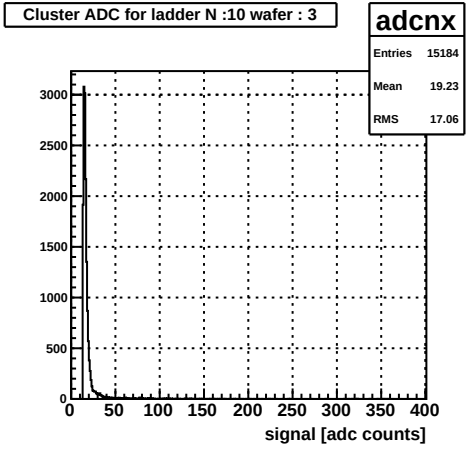

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 2743
Mean 34.26
RMS 40.93
signal [adc counts]

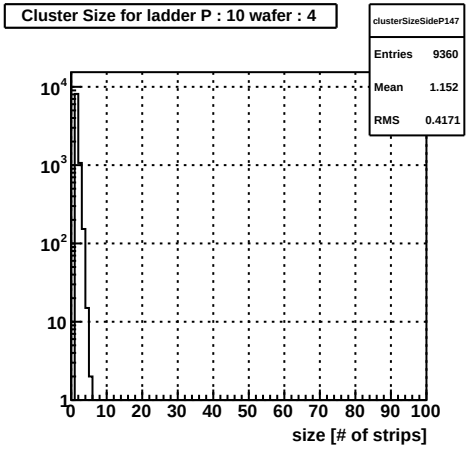

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 290
Mean 1.01
RMS 0.1012
size [# of strips]

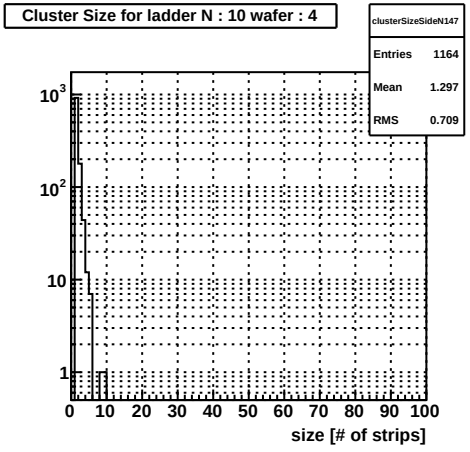

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 15184
Mean 1.055
RMS 0.2749
size [# of strips]

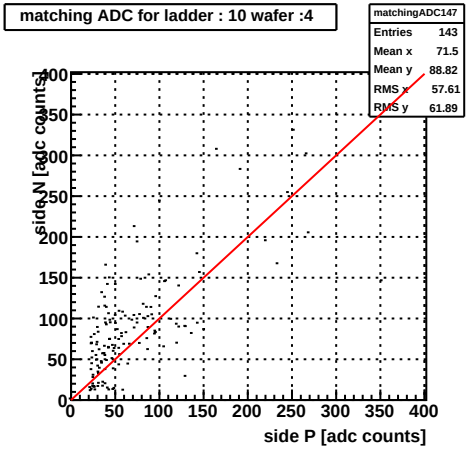

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 6
Mean x 58
Mean y 30.33
RMS x 21.63
RMS y 17.54
side N [adc counts]
side P [adc counts]

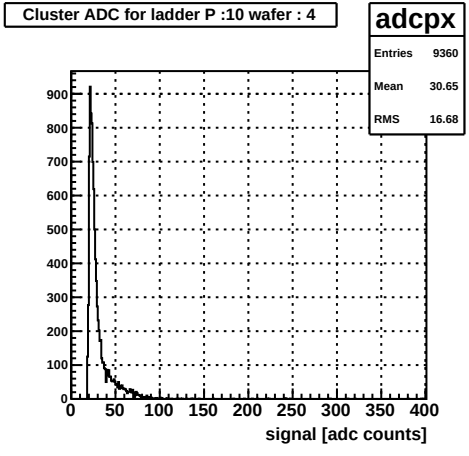

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 290
Mean 39
RMS 12.99
signal [adc counts]

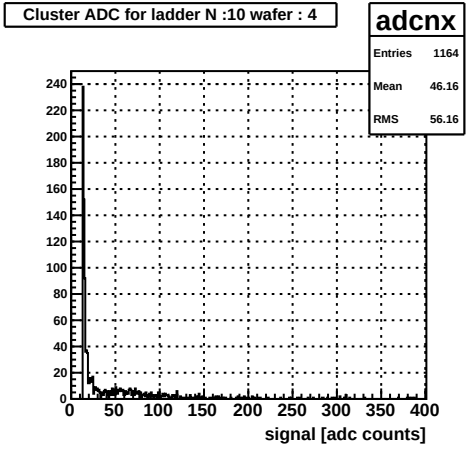

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 15184
Mean 19.23
RMS 17.06
signal [adc counts]

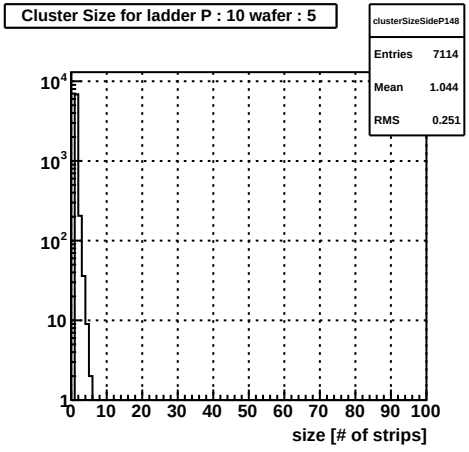

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 9360
Mean 1.152
RMS 0.4171
size [# of strips]

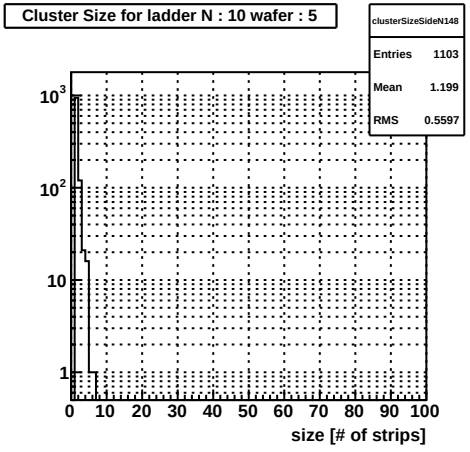

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 1164
Mean 1.297
RMS 0.709
size [# of strips]

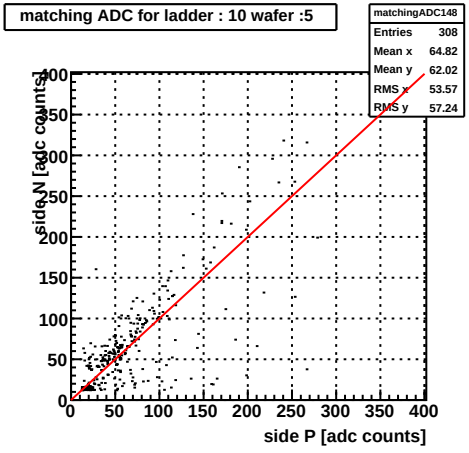

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 143
Mean x 71.5
Mean y 88.82
RMS x 57.61
RMS y 61.89
side N [adc counts]
side P [adc counts]

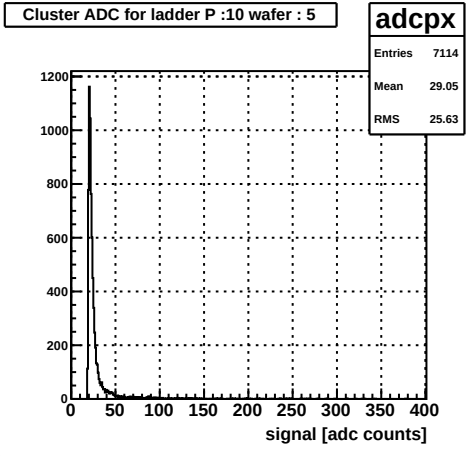

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 9360
Mean 30.65
RMS 16.68
signal [adc counts]

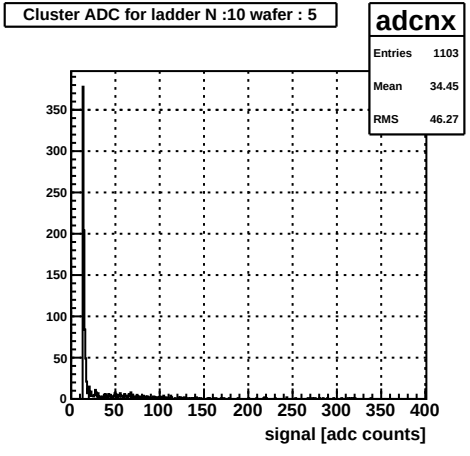

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 1164
Mean 46.16
RMS 56.16
signal [adc counts]

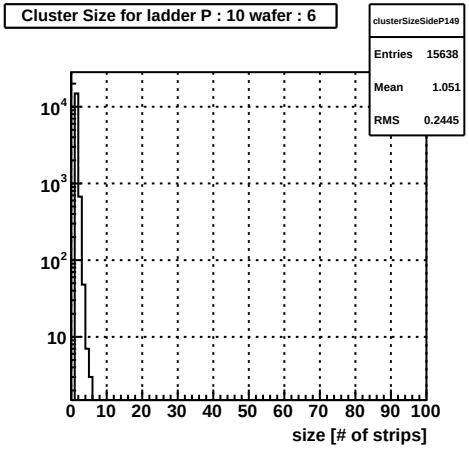

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 7114
Mean 1.044
RMS 0.251
size [# of strips]

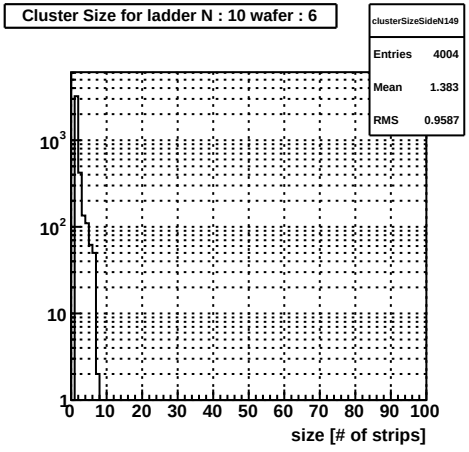

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 1103
Mean 1.199
RMS 0.5597
size [# of strips]

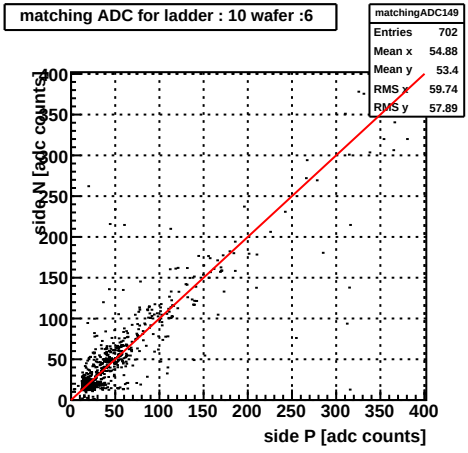

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 308
Mean x 64.82
Mean y 62.02
RMS x 53.57
RMS y 57.24
side N [adc counts]
side P [adc counts]

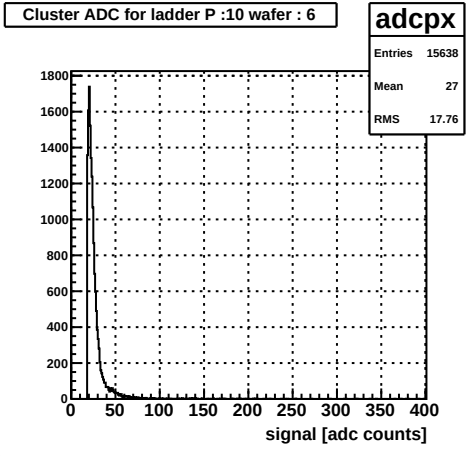

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 7114
Mean 29.05
RMS 25.63
signal [adc counts]

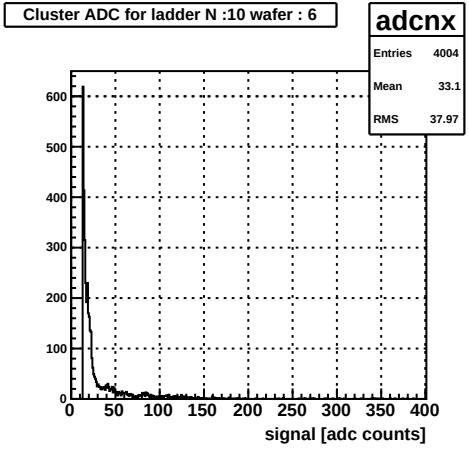

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 1103
Mean 34.45
RMS 46.27
signal [adc counts]

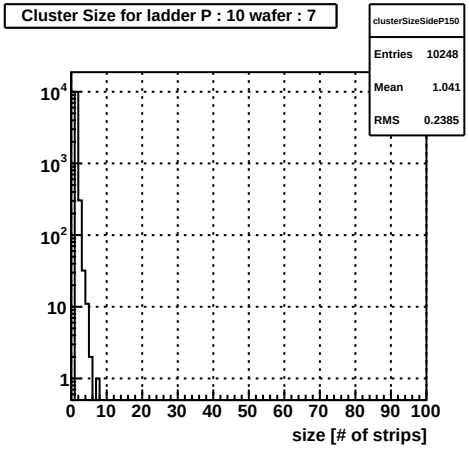

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 15638
Mean 1.051
RMS 0.2445
size [# of strips]

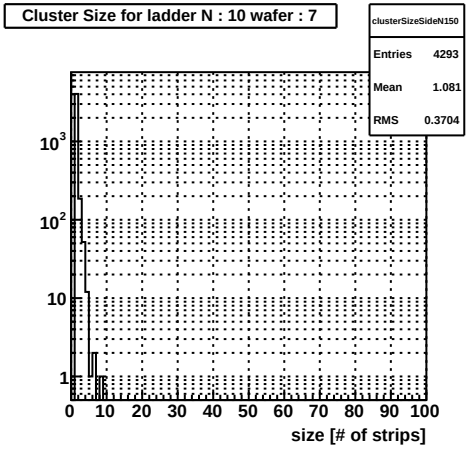

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 4004
Mean 1.383
RMS 0.9587
size [# of strips]

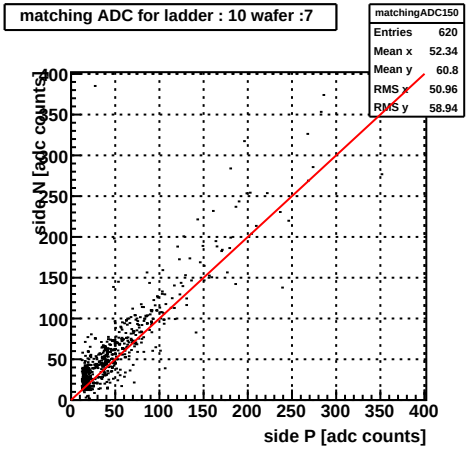

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 702
Mean x 54.88
Mean y 53.4
RMS x 59.74
RMS y 57.89
side N [adc counts]
side P [adc counts]

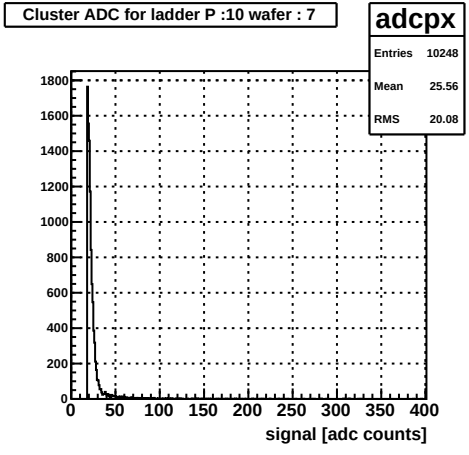

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 15638
Mean 27
RMS 17.76
signal [adc counts]

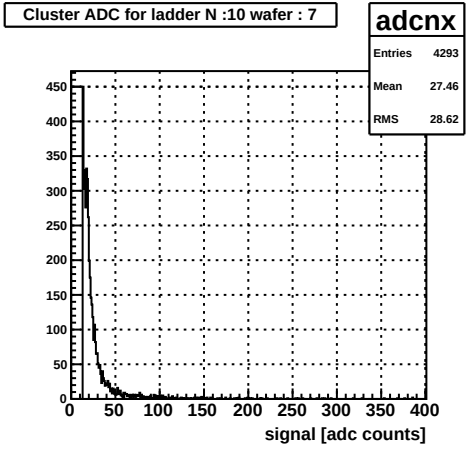

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 4004
Mean 33.1
RMS 37.97
signal [adc counts]

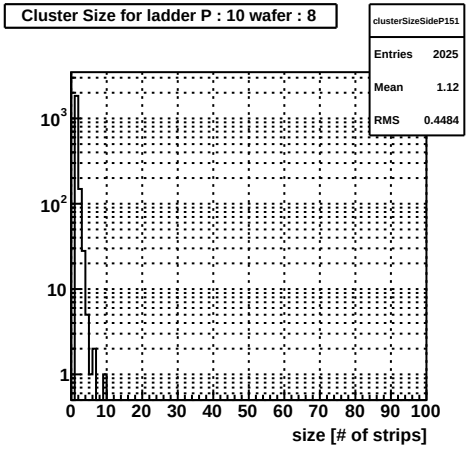

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 10248
Mean 1.041
RMS 0.2385
size [# of strips]

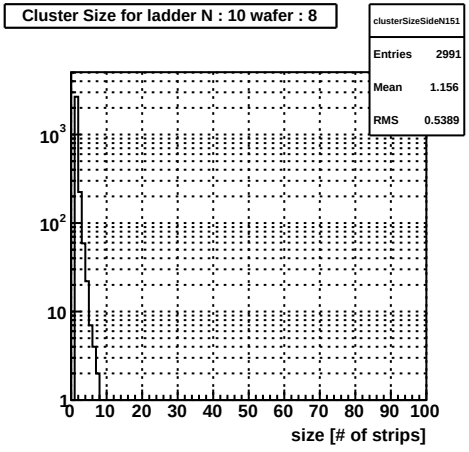

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 4293
Mean 1.081
RMS 0.3704
size [# of strips]

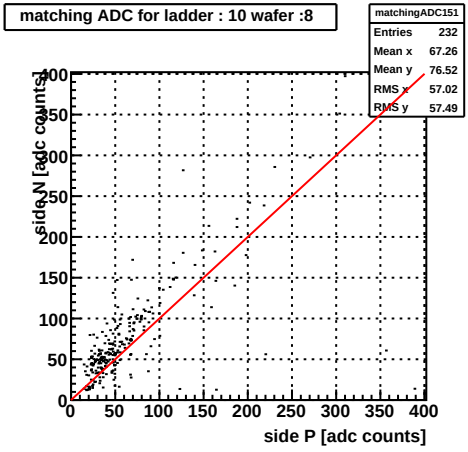

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 620
Mean x 52.34
Mean y 60.8
RMS x 50.96
RMS y 58.94
side N [adc counts]
side P [adc counts]

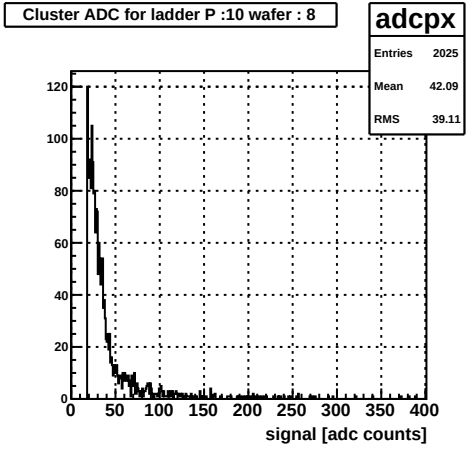

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 10248
Mean 25.56
RMS 20.08
signal [adc counts]

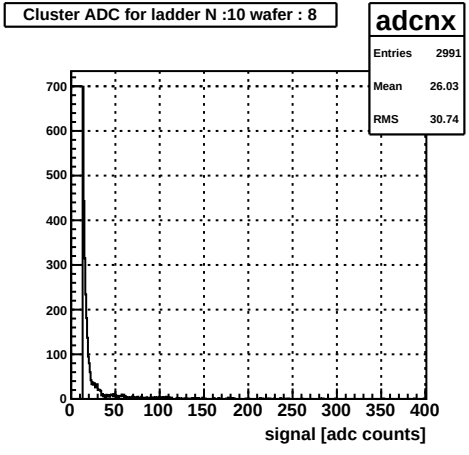

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 4293
Mean 27.46
RMS 28.62
signal [adc counts]

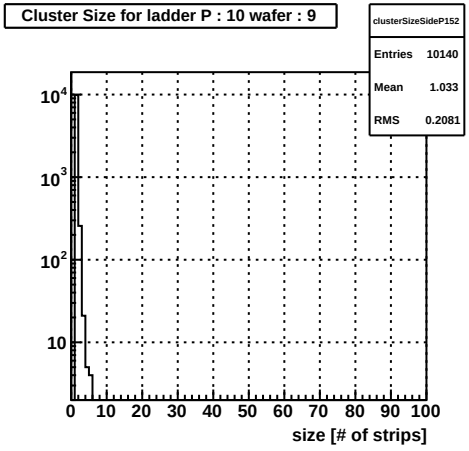

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 2025
Mean 1.12
RMS 0.4484
size [# of strips]

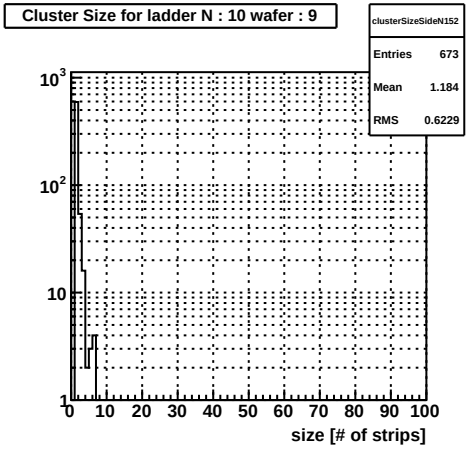

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 2991
Mean 1.156
RMS 0.5389
size [# of strips]

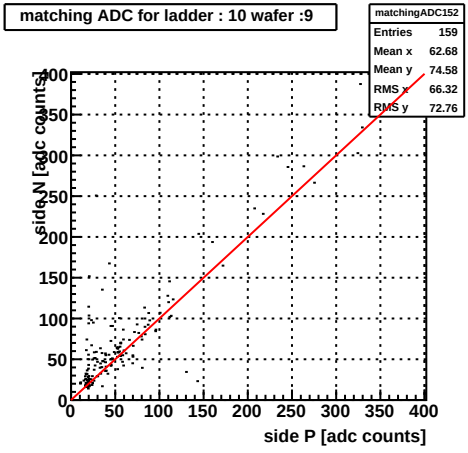

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 232
Mean x 67.26
Mean y 76.52
RMS x 57.02
RMS y 57.49
side N [adc counts]
side P [adc counts]

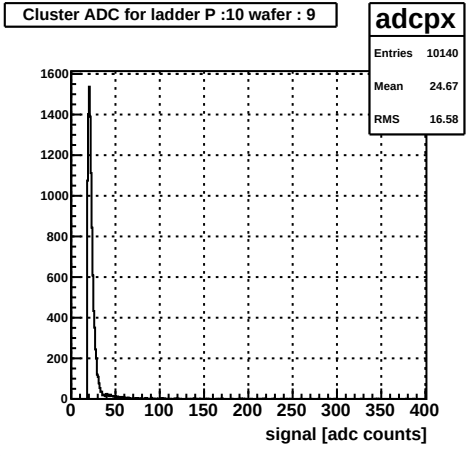

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 2025
Mean 42.09
RMS 39.11
signal [adc counts]

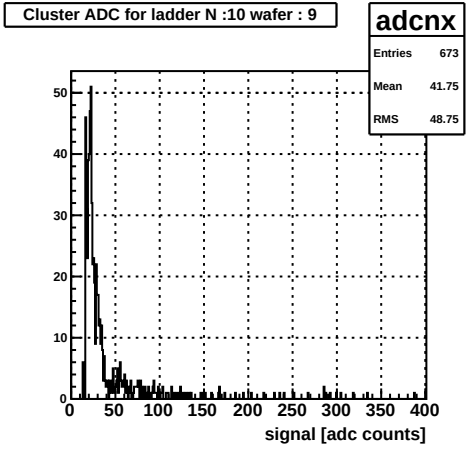

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 2991
Mean 26.03
RMS 30.74
signal [adc counts]

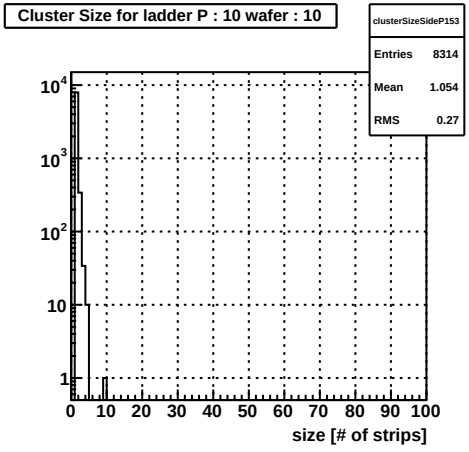

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 10140
Mean 1.033
RMS 0.2081
size [# of strips]

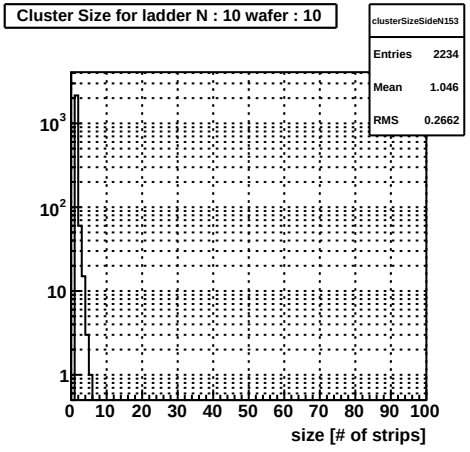

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 673
Mean 1.184
RMS 0.6229
size [# of strips]

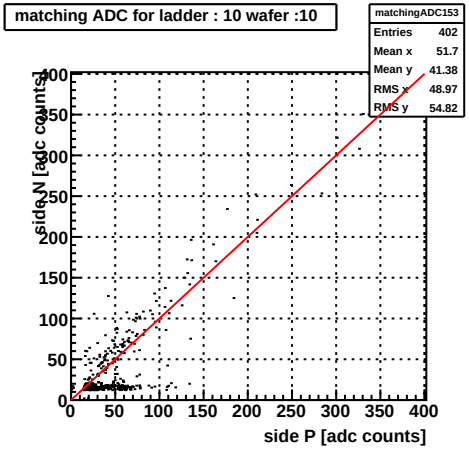

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 159
Mean x 62.68
Mean y 74.58
RMS x 66.32
RMS y 72.76
side N [adc counts]
side P [adc counts]

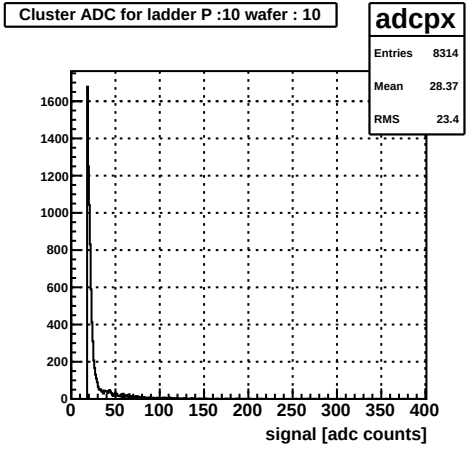

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 10140
Mean 24.67
RMS 16.58
signal [adc counts]

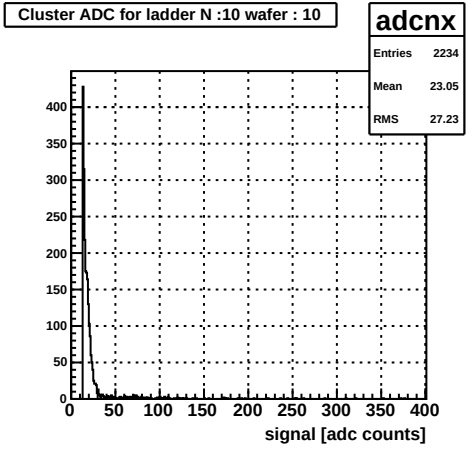

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 673
Mean 41.75
RMS 48.75
signal [adc counts]

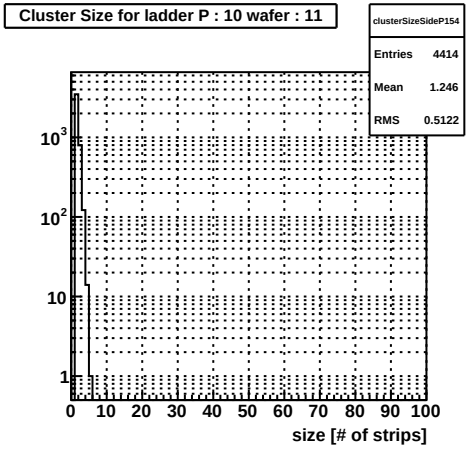

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 8314
Mean 1.054
RMS 0.27
size [# of strips]

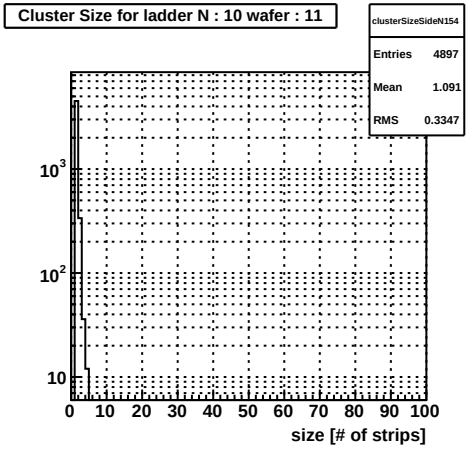

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 2234
Mean 1.046
RMS 0.2662
size [# of strips]

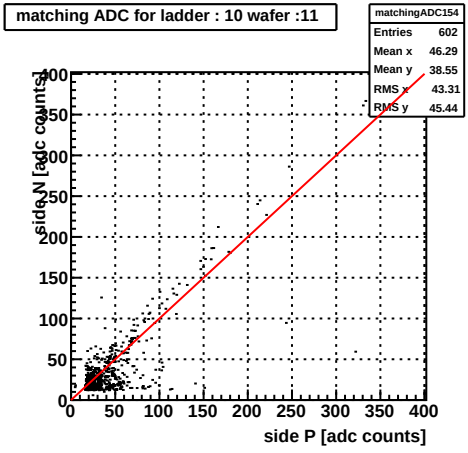

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 402
Mean x 51.7
Mean y 41.38
RMS x 48.97
RMS y 54.82
side N [adc counts]
side P [adc counts]

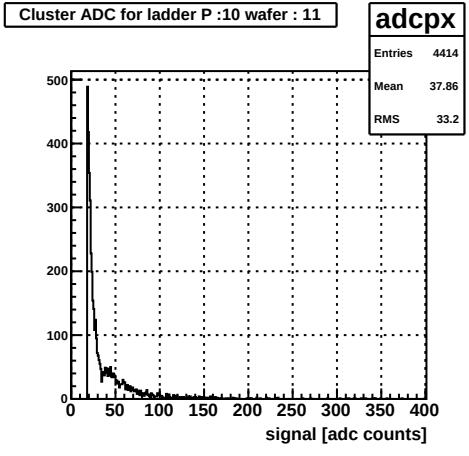

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 8314
Mean 28.37
RMS 23.4
signal [adc counts]

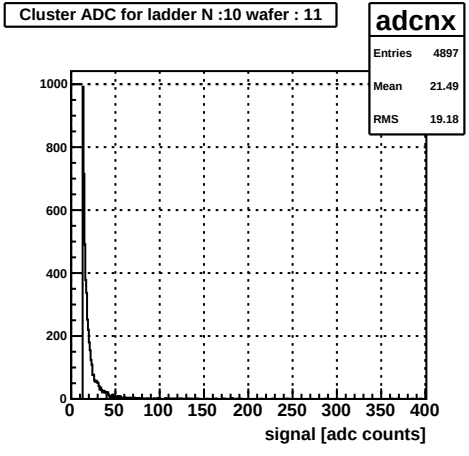

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 2234
Mean 23.05
RMS 27.23
signal [adc counts]

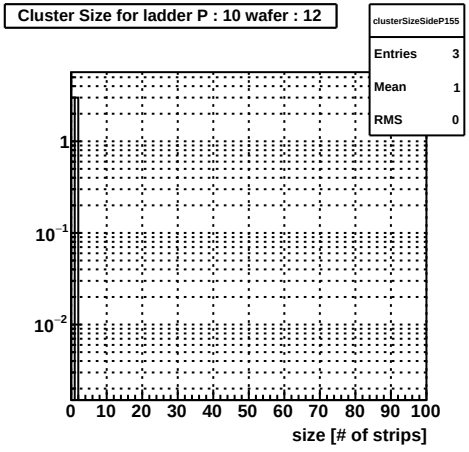

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 4414
Mean 1.246
RMS 0.5122
size [# of strips]

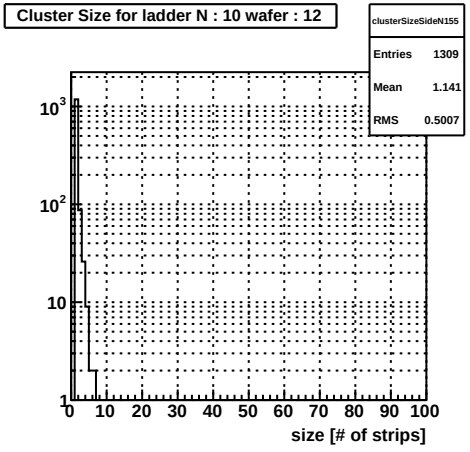

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 4897
Mean 1.091
RMS 0.3347
size [# of strips]

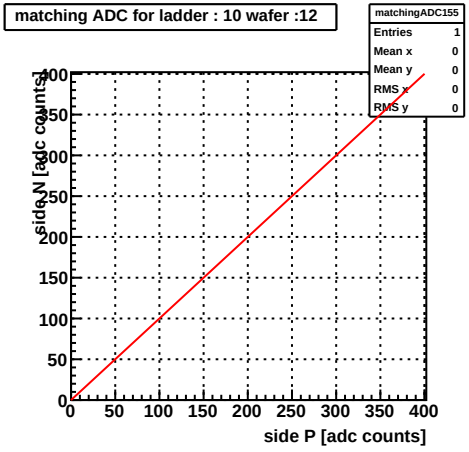

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 602
Mean x 46.29
Mean y 38.55
RMS x 43.31
RMS y 45.44
side N [adc counts]
side P [adc counts]

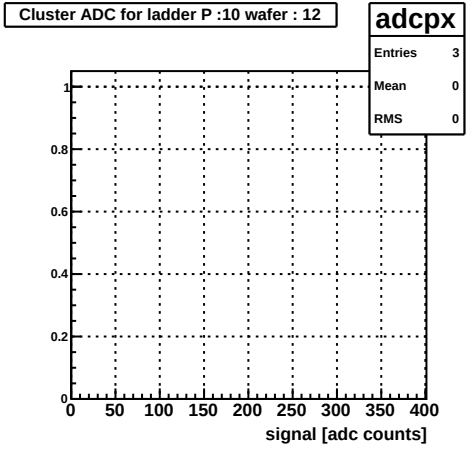

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 4414
Mean 37.86
RMS 33.2
signal [adc counts]

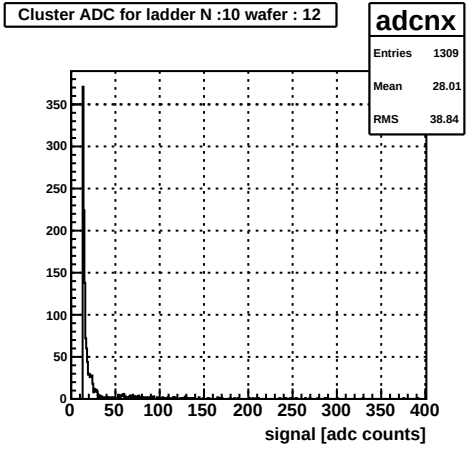

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 4897
Mean 21.49
RMS 19.18
signal [adc counts]

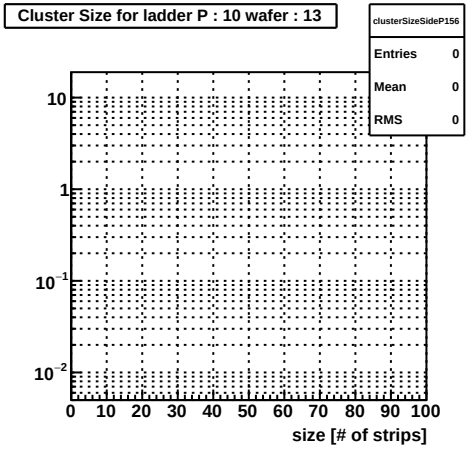

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 3
Mean 1
RMS 0
size [# of strips]

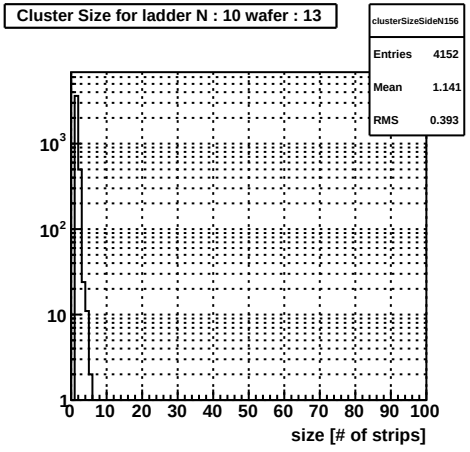

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 1309
Mean 1.141
RMS 0.5007
size [# of strips]

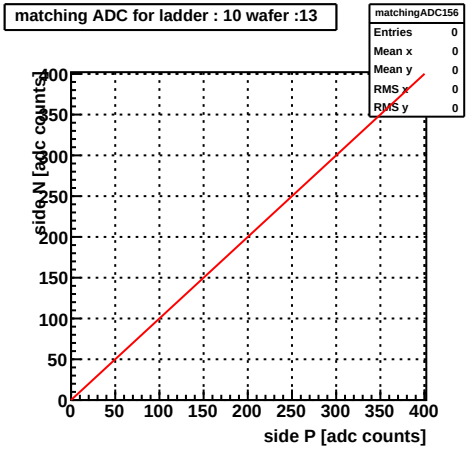

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

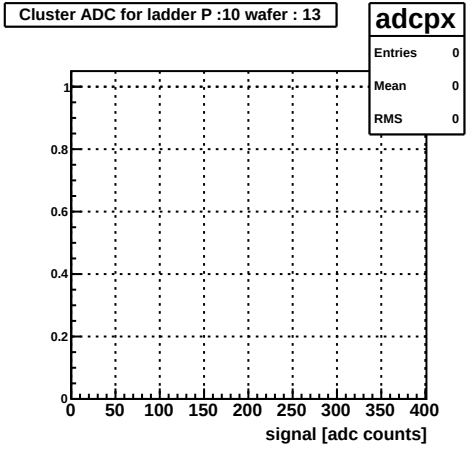

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

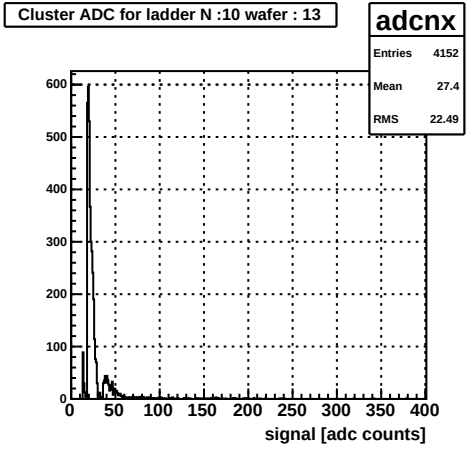

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 1309
Mean 28.01
RMS 38.84
signal [adc counts]

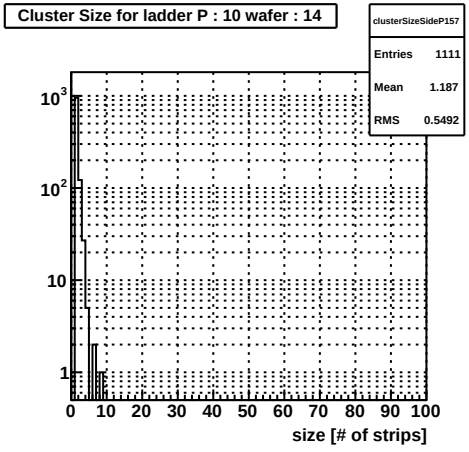

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

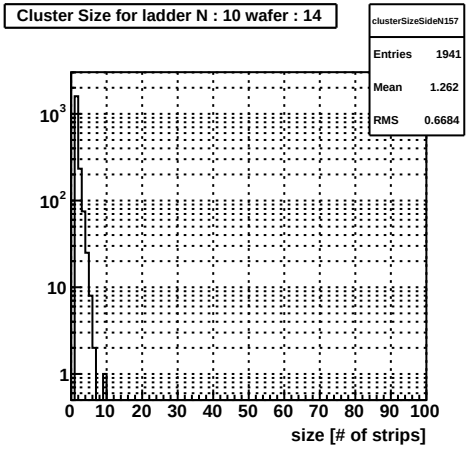

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 4152
Mean 1.141
RMS 0.393
size [# of strips]

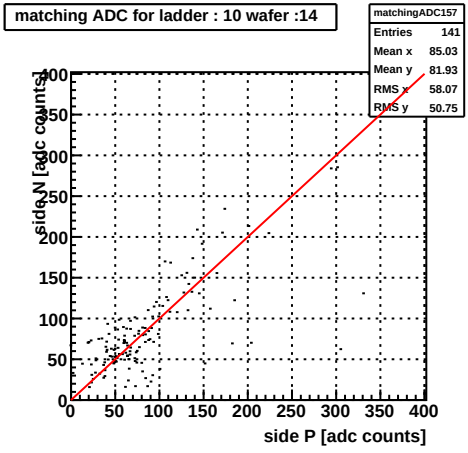

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

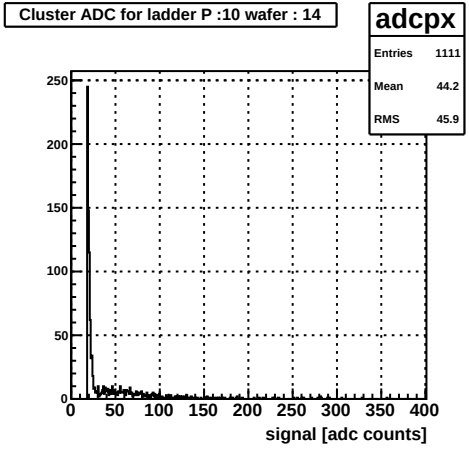

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

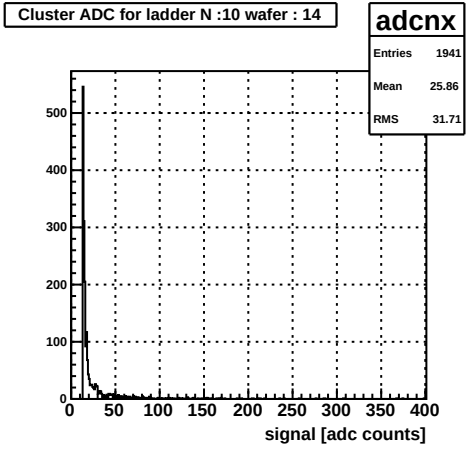

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 4152
Mean 27.4
RMS 22.49
signal [adc counts]

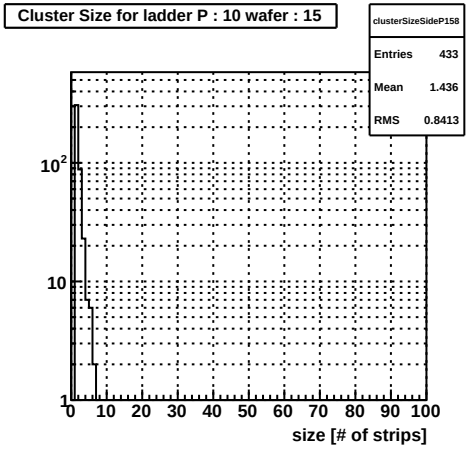

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 1111
Mean 1.187
RMS 0.5492
size [# of strips]

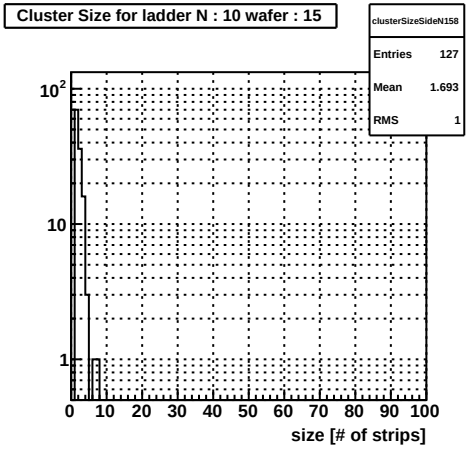

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 1941
Mean 1.262
RMS 0.6684
size [# of strips]

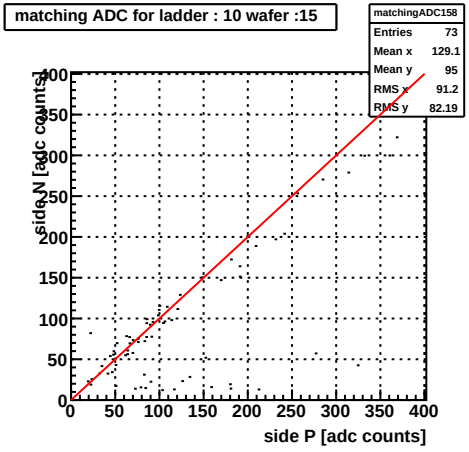

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 141
Mean x 85.03
Mean y 81.93
RMS x 58.07
RMS y 50.75
side N [adc counts]
side P [adc counts]

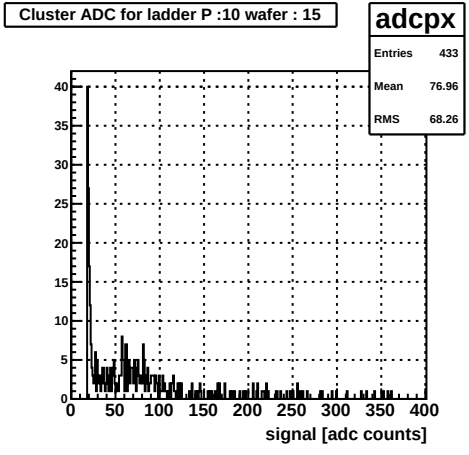

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 1111
Mean 44.2
RMS 45.9
signal [adc counts]

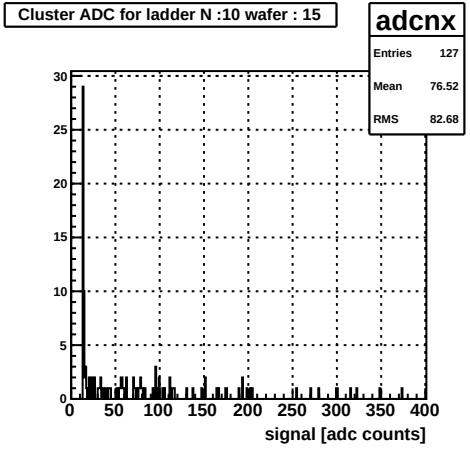

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 1941
Mean 25.86
RMS 31.71
signal [adc counts]

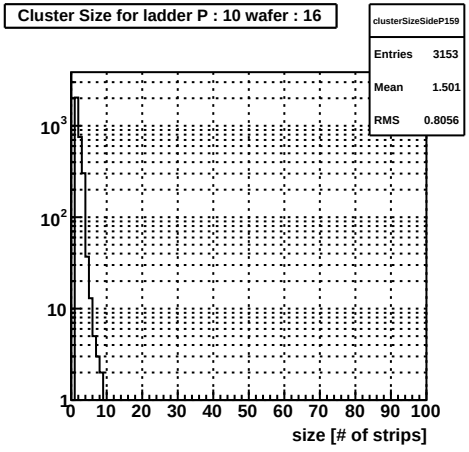

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 433
Mean 1.436
RMS 0.8413
size [# of strips]

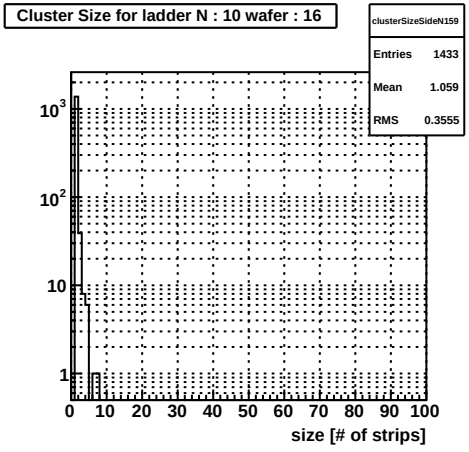

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 127
Mean 1.693
RMS 1
size [# of strips]

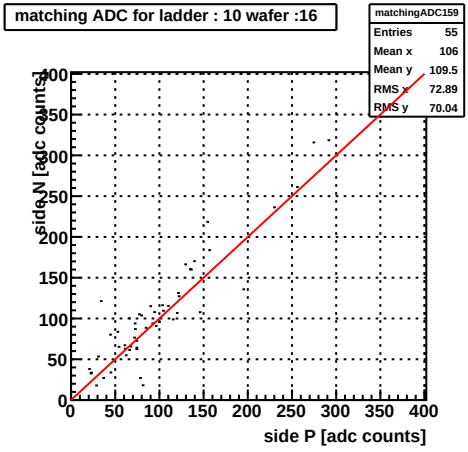

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 73
Mean x 129.1
Mean y 95
RMS x 91.2
RMS y 82.19
side N [adc counts]
side P [adc counts]

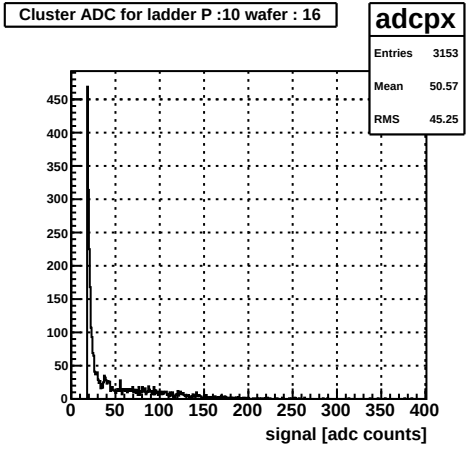

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 433
Mean 76.96
RMS 68.26
signal [adc counts]

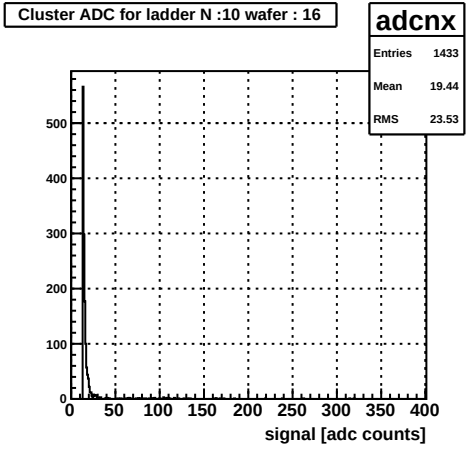

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 127
Mean 76.52
RMS 82.68
signal [adc counts]

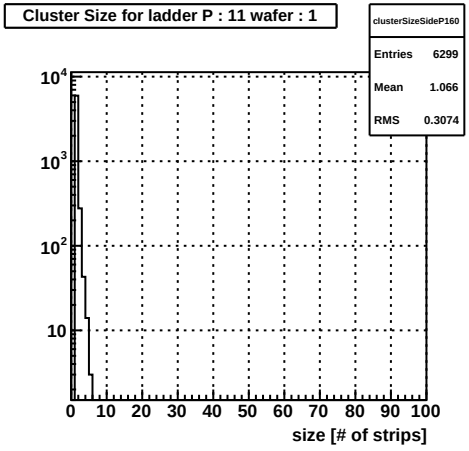

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 3153
Mean 1.501
RMS 0.8056
size [# of strips]

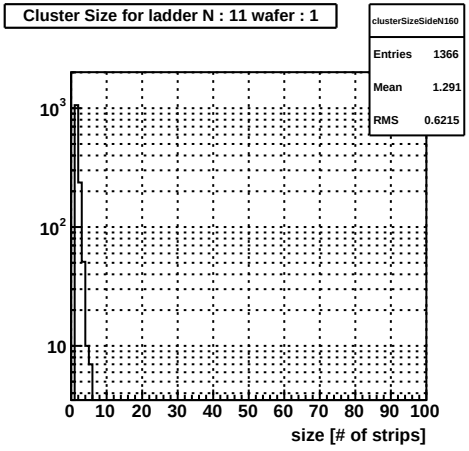

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 1433
Mean 1.059
RMS 0.3555
size [# of strips]

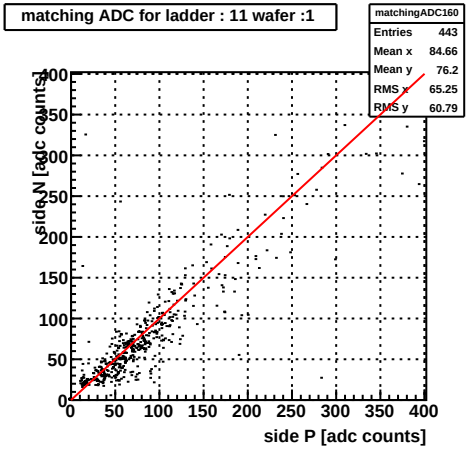

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 55
Mean x 106
Mean y 109.5
RMS x 72.89
RMS y 70.04
side N [adc counts]
side P [adc counts]

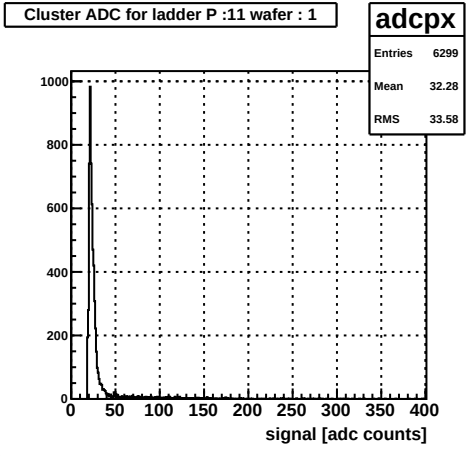

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 3153
Mean 50.57
RMS 45.25
signal [adc counts]

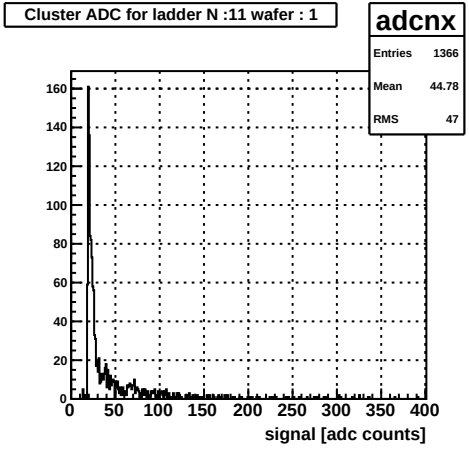

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 1433
Mean 19.44
RMS 23.53
signal [adc counts]

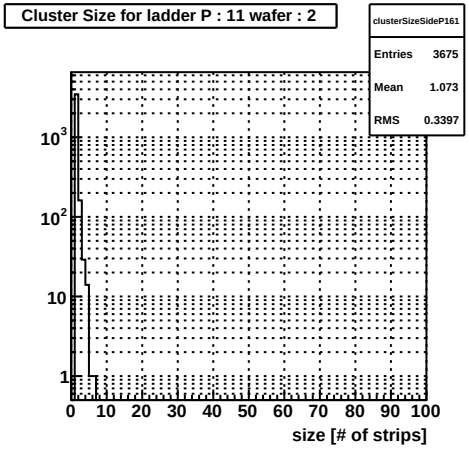

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 6299
Mean 1.066
RMS 0.3074
size [# of strips]

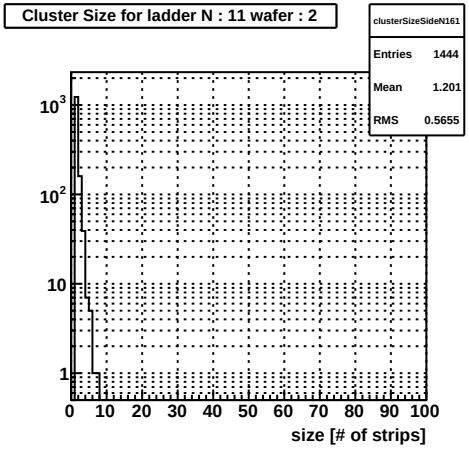

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1366
Mean 1.291
RMS 0.6215
size [# of strips]

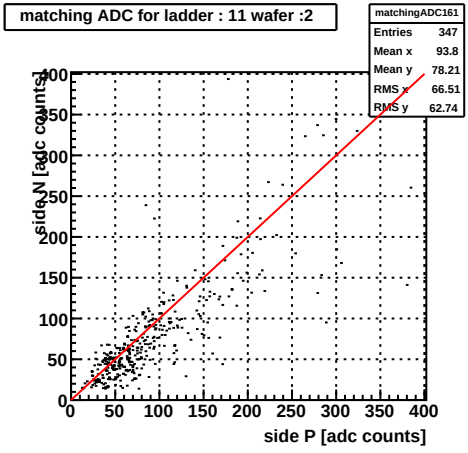

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 443
Mean x 84.66
Mean y 76.2
RMS x 65.25
RMS y 60.79
side N [adc counts]
side P [adc counts]

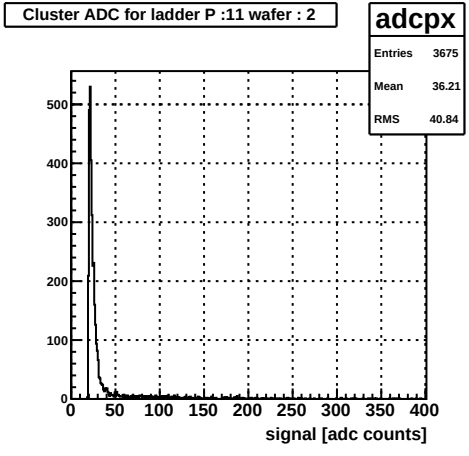

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 6299
Mean 32.28
RMS 33.58
signal [adc counts]

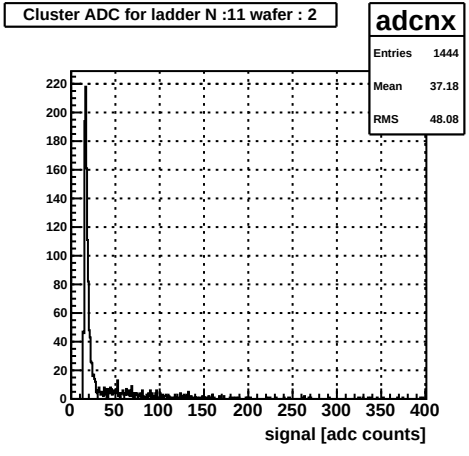

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1366
Mean 44.78
RMS 47
signal [adc counts]

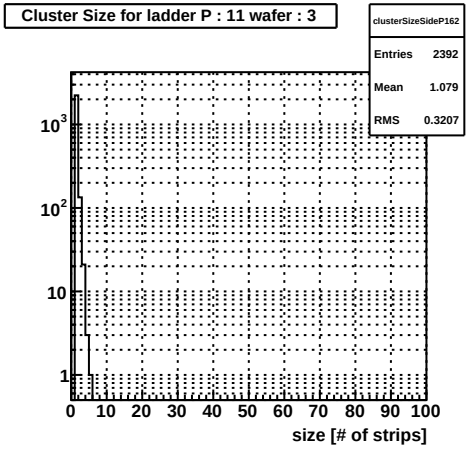

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 3675
Mean 1.073
RMS 0.3397
size [# of strips]

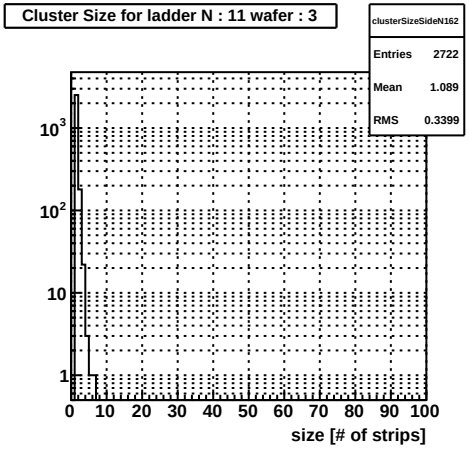

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 1444
Mean 1.201
RMS 0.5655
size [# of strips]

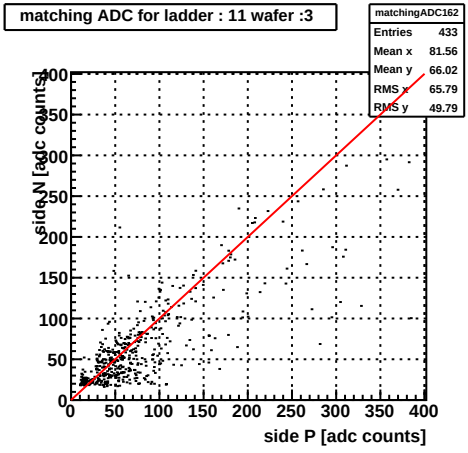

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 347
Mean x 93.8
Mean y 78.21
RMS x 66.51
RMS y 62.74
side N [adc counts]
side P [adc counts]

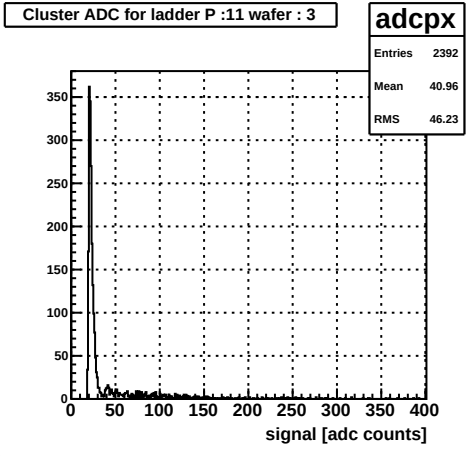

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 3675
Mean 36.21
RMS 40.84
signal [adc counts]

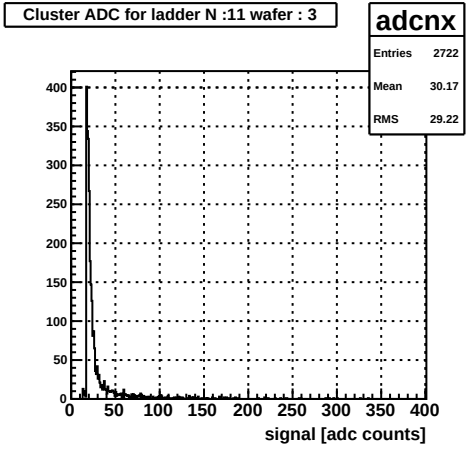

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 1444
Mean 37.18
RMS 48.08
signal [adc counts]

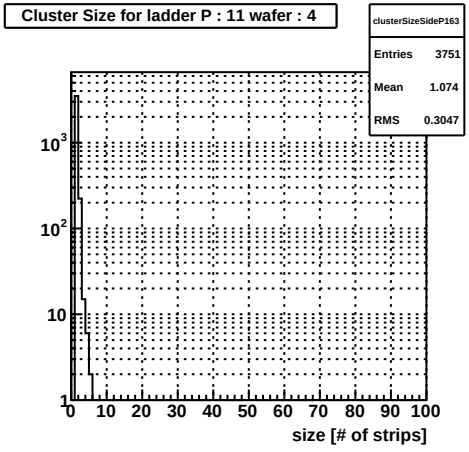

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 2392
Mean 1.079
RMS 0.3207
size [# of strips]

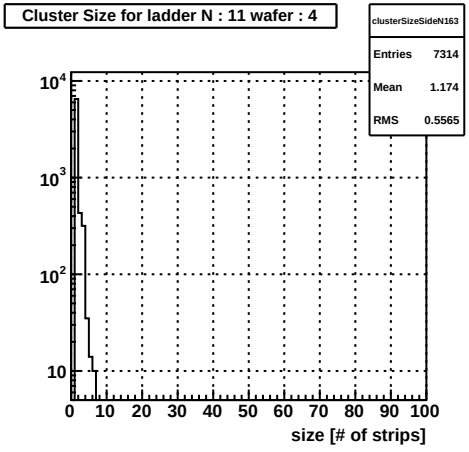

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 2722
Mean 1.089
RMS 0.3399
size [# of strips]

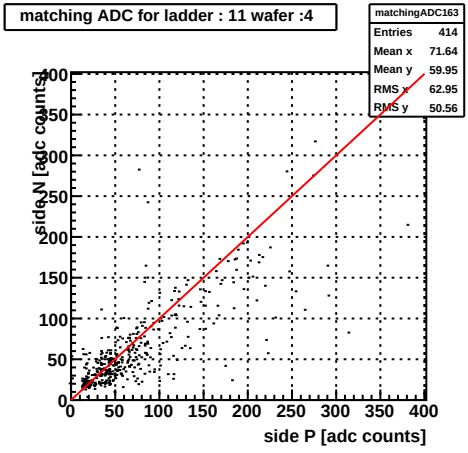

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 433
Mean x 81.56
Mean y 66.02
RMS x 65.79
RMS y 49.79
side N [adc counts]
side P [adc counts]

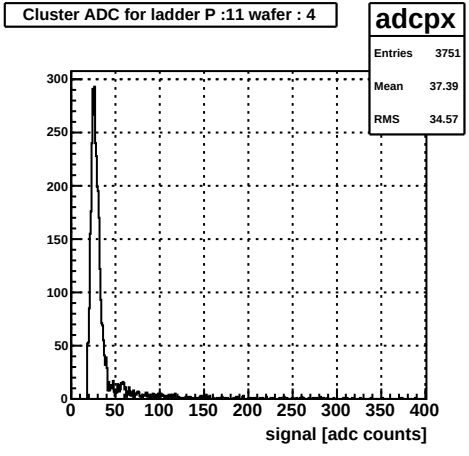

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 2392
Mean 40.96
RMS 46.23
signal [adc counts]

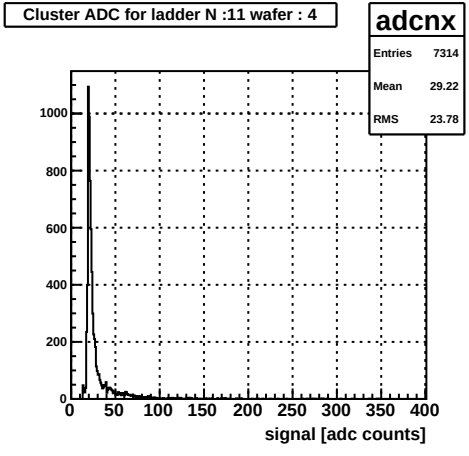

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 2722
Mean 30.17
RMS 29.22
signal [adc counts]

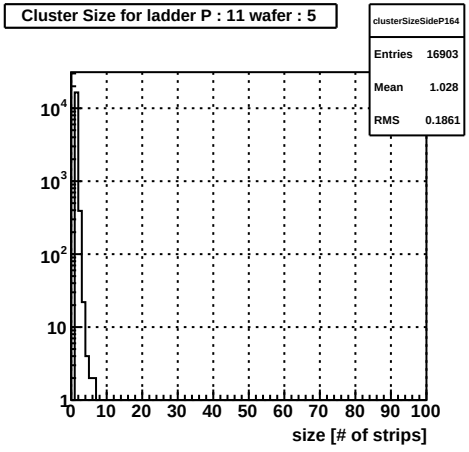

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 3751
Mean 1.074
RMS 0.3047
size [# of strips]

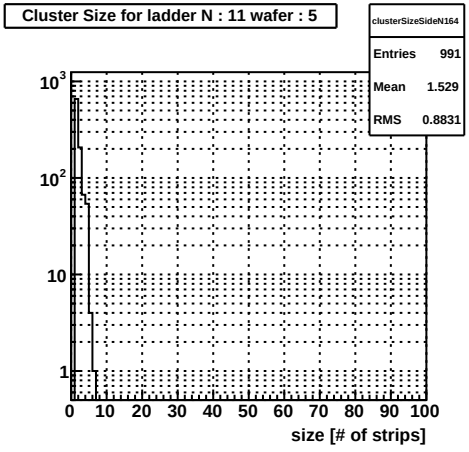

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 7314
Mean 1.174
RMS 0.5565
size [# of strips]

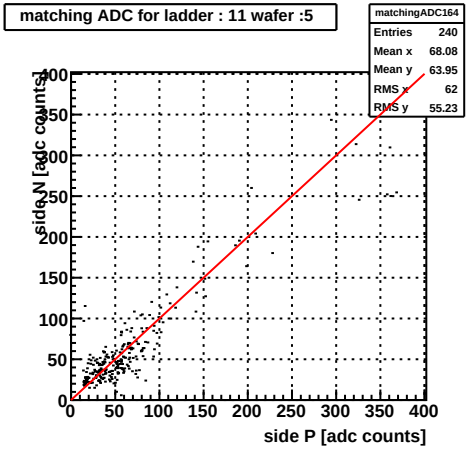

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 414
Mean x 71.64
Mean y 59.95
RMS x 62.95
RMS y 50.56
side N [adc counts]
side P [adc counts]

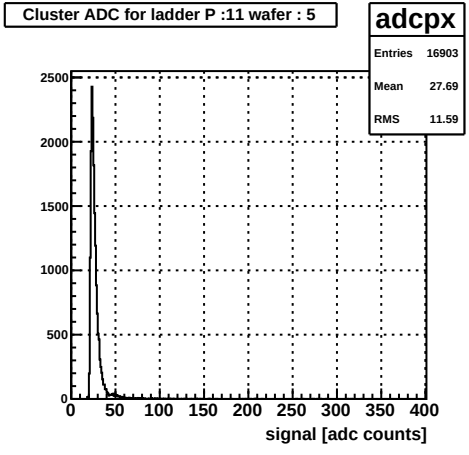

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 3751
Mean 37.39
RMS 34.57
signal [adc counts]

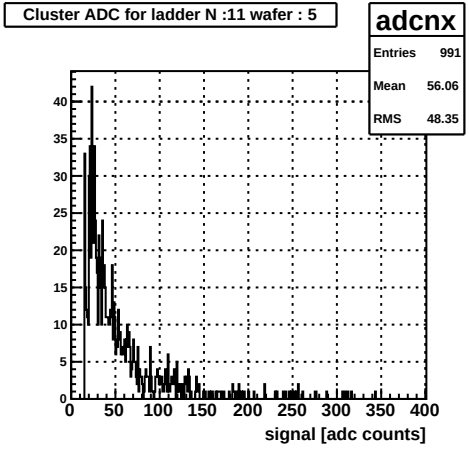

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 7314
Mean 29.22
RMS 23.78
signal [adc counts]

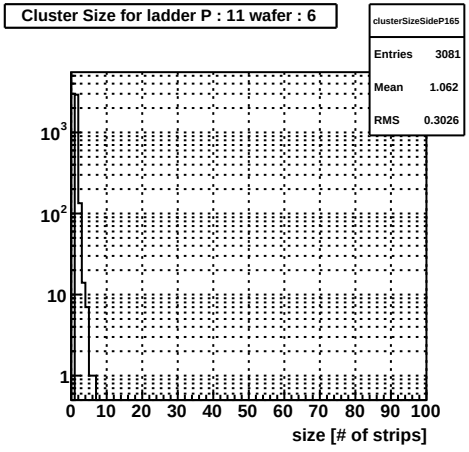

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 16903
Mean 1.028
RMS 0.1861
size [# of strips]

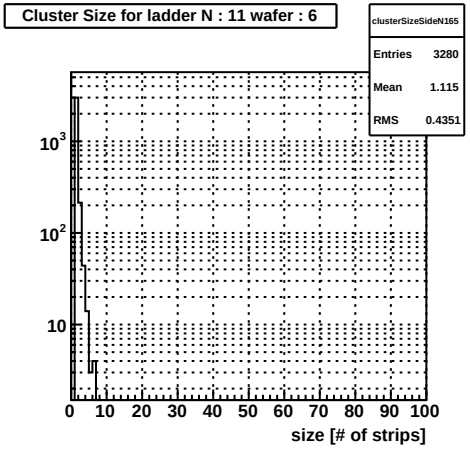

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 991
Mean 1.529
RMS 0.8831
size [# of strips]

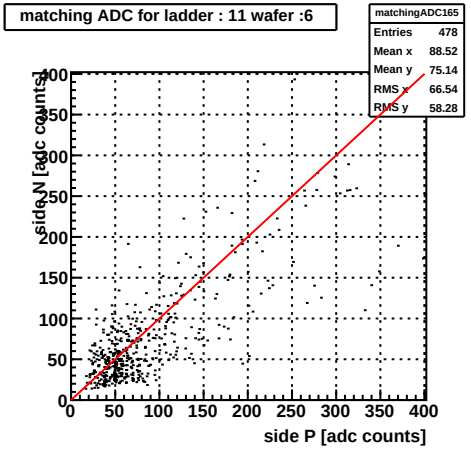

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 240
Mean x 68.08
Mean y 63.95
RMS x 62
RMS y 55.23
side N [adc counts]
side P [adc counts]

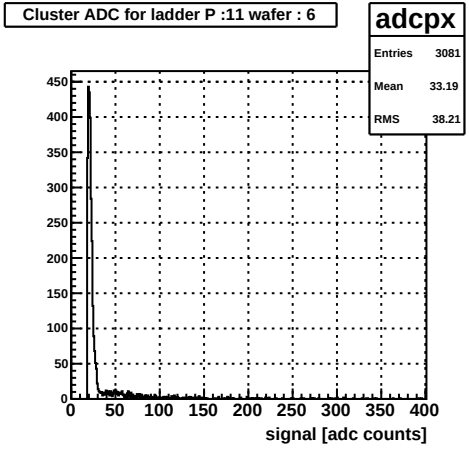

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 16903
Mean 27.69
RMS 11.59
signal [adc counts]

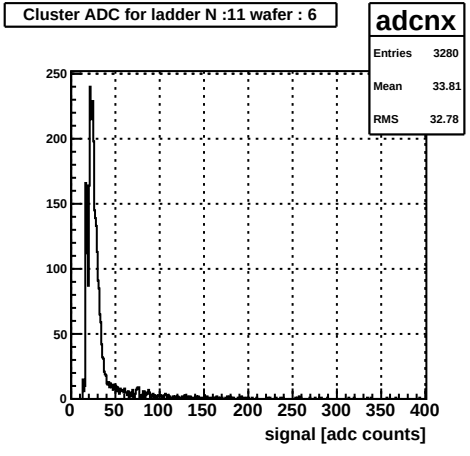

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 991
Mean 56.06
RMS 48.35
signal [adc counts]

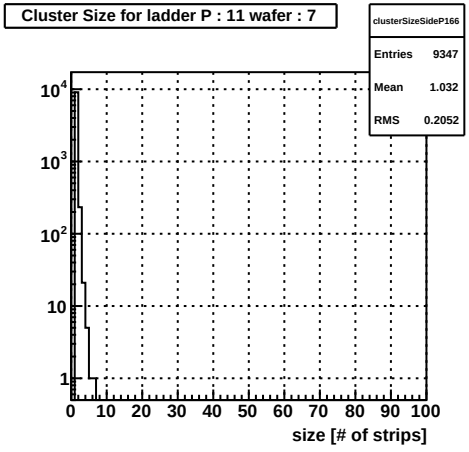

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 3081
Mean 1.062
RMS 0.3026
size [# of strips]

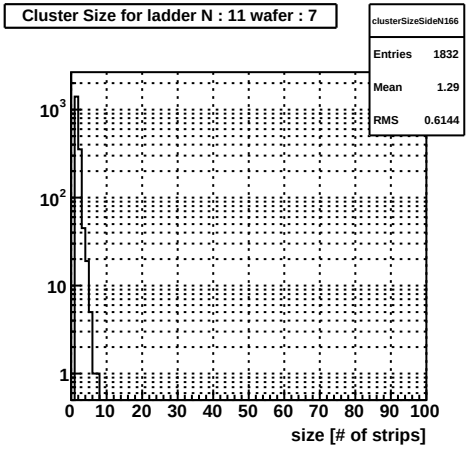

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 3280
Mean 1.115
RMS 0.4351
size [# of strips]

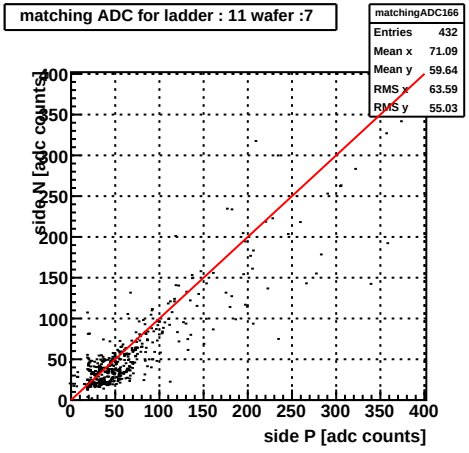

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 478
Mean x 88.52
Mean y 75.14
RMS x 66.54
RMS y 58.28
side N [adc counts]
side P [adc counts]

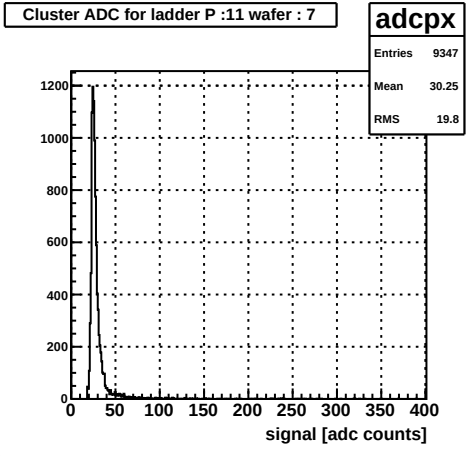

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 3081
Mean 33.19
RMS 38.21
signal [adc counts]

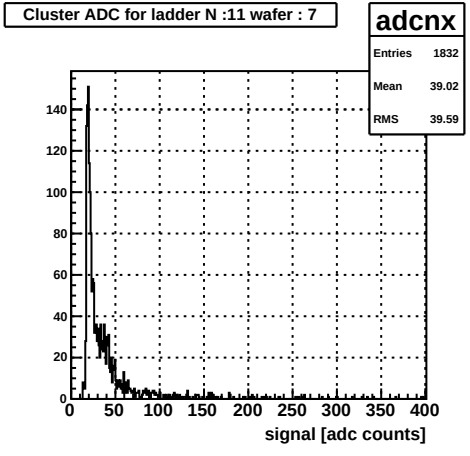

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 3280
Mean 33.81
RMS 32.78
signal [adc counts]

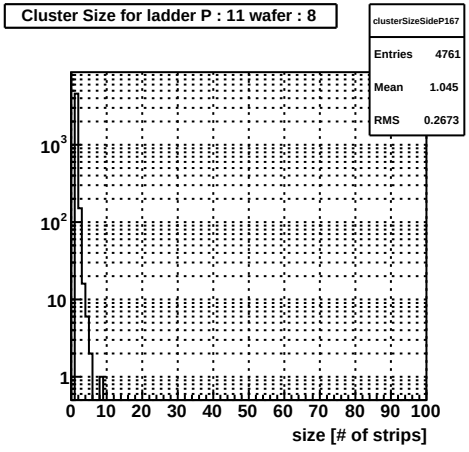

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 9347
Mean 1.032
RMS 0.2052
size [# of strips]

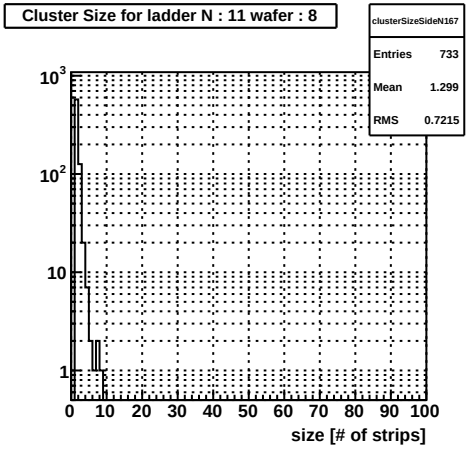

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 1832
Mean 1.29
RMS 0.6144
size [# of strips]

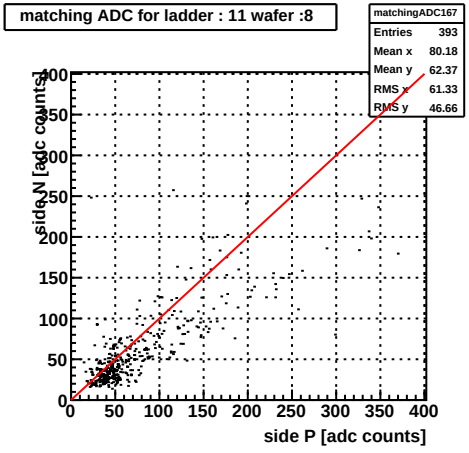

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 432
Mean x 71.09
Mean y 59.64
RMS x 63.59
RMS y 55.03
side N [adc counts]
side P [adc counts]

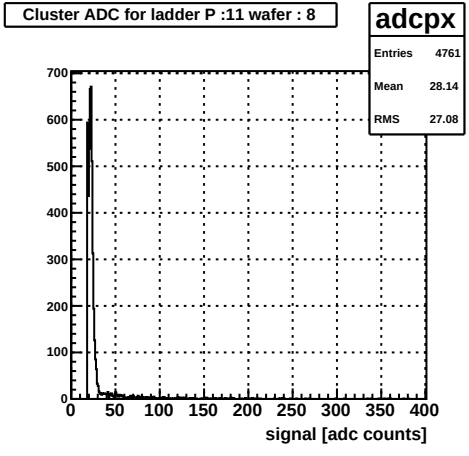

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 9347
Mean 30.25
RMS 19.8
signal [adc counts]

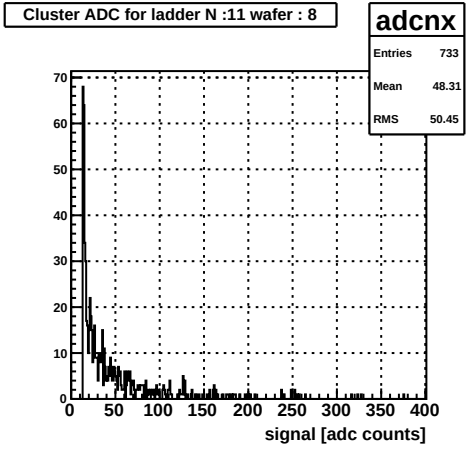

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 1832
Mean 39.02
RMS 39.59
signal [adc counts]

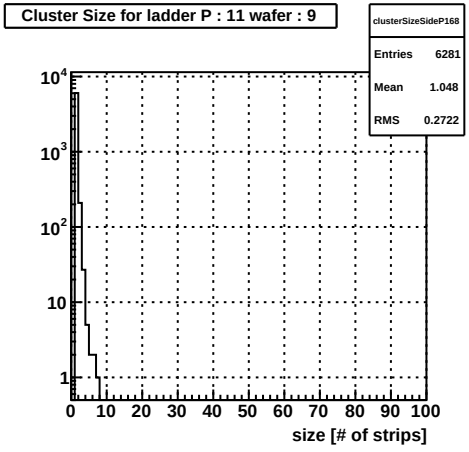

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 4761
Mean 1.045
RMS 0.2673
size [# of strips]

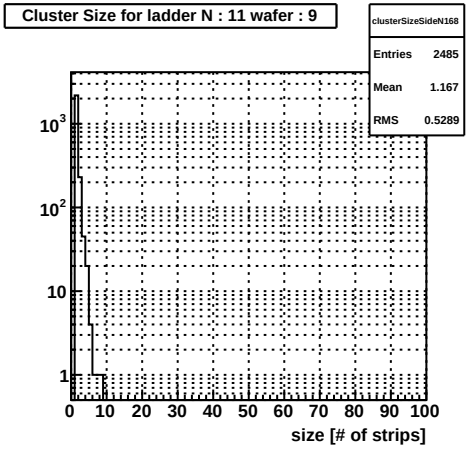

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 733
Mean 1.299
RMS 0.7215
size [# of strips]

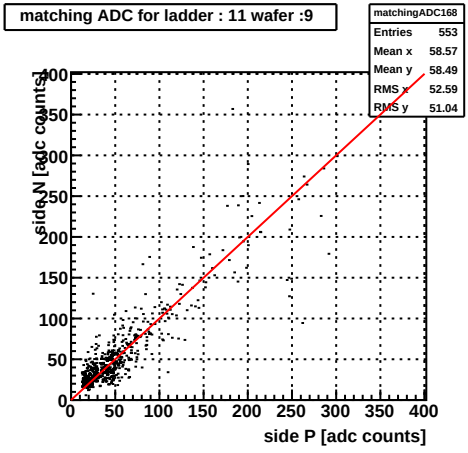

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 393
Mean x 80.18
Mean y 62.37
RMS x 61.33
RMS y 46.66
side N [adc counts]
side P [adc counts]

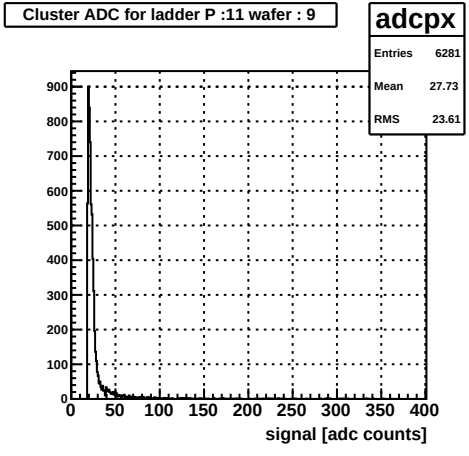

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 4761
Mean 28.14
RMS 27.08
signal [adc counts]

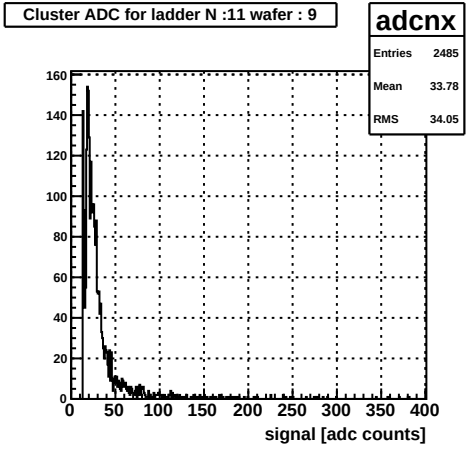

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 733
Mean 48.31
RMS 50.45
signal [adc counts]

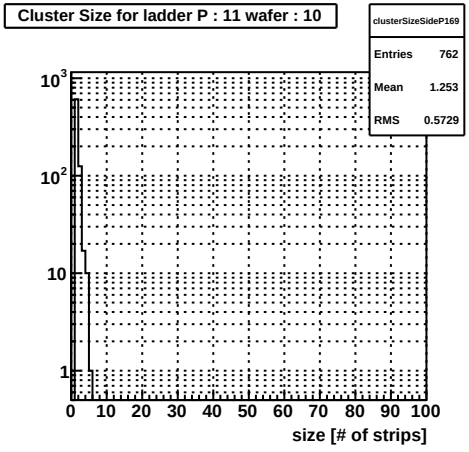

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 6281
Mean 1.048
RMS 0.2722
size [# of strips]

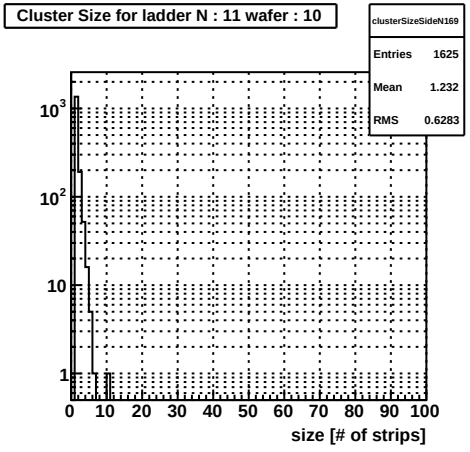

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 2485
Mean 1.167
RMS 0.5289
size [# of strips]

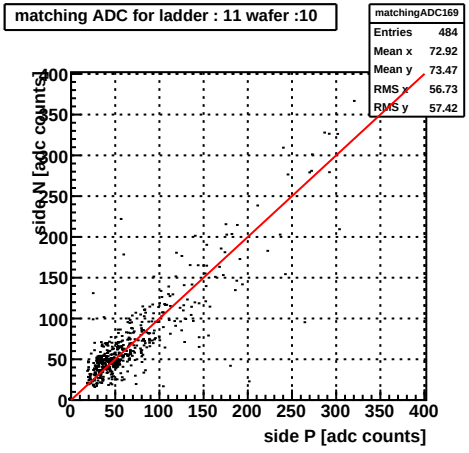

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 553
Mean x 58.57
Mean y 58.49
RMS x 52.59
RMS y 51.04
side N [adc counts]
side P [adc counts]

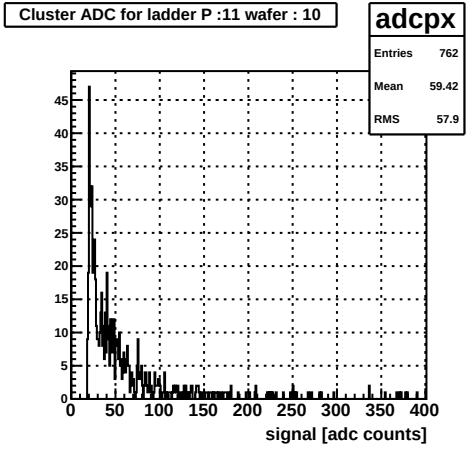

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 6281
Mean 27.73
RMS 23.61
signal [adc counts]

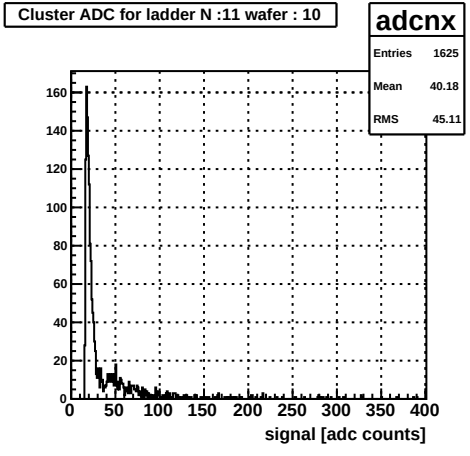

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 2485
Mean 33.78
RMS 34.05
signal [adc counts]

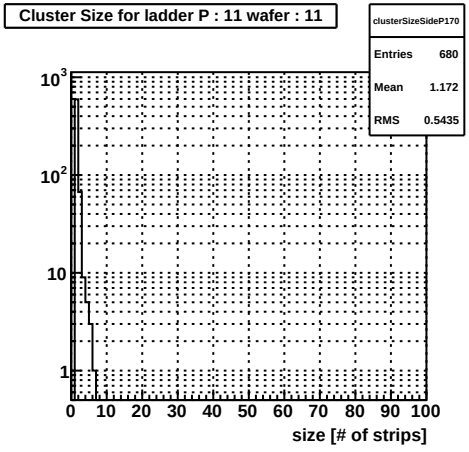

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 762
Mean 1.253
RMS 0.5729
size [# of strips]

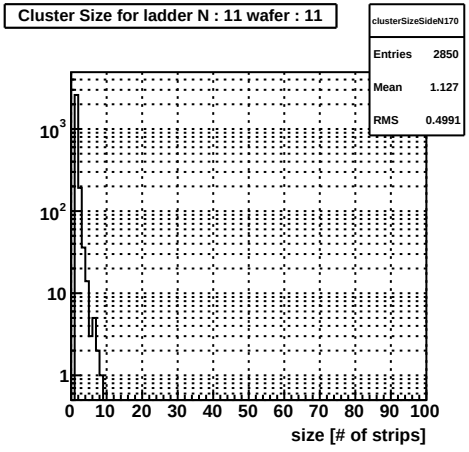

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 1625
Mean 1.232
RMS 0.6283
size [# of strips]

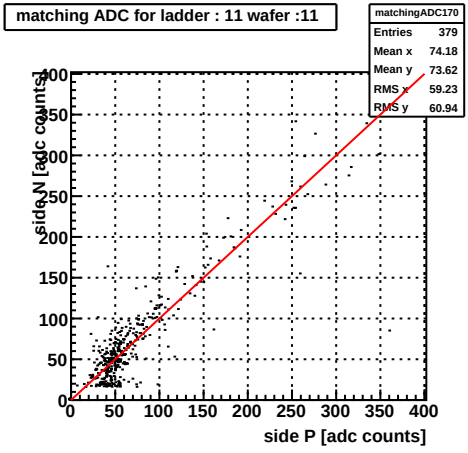

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 484
Mean x 72.92
Mean y 73.47
RMS x 56.73
RMS y 57.42
side N [adc counts]
side P [adc counts]

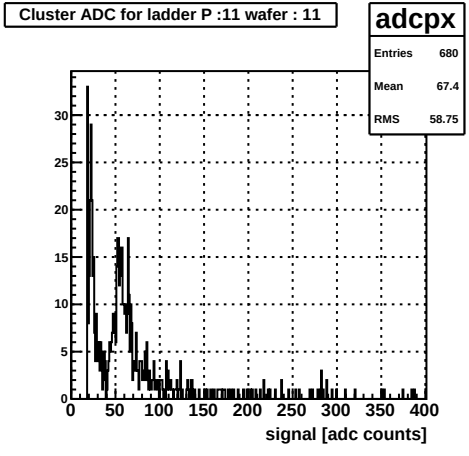

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 762
Mean 59.42
RMS 57.9
signal [adc counts]

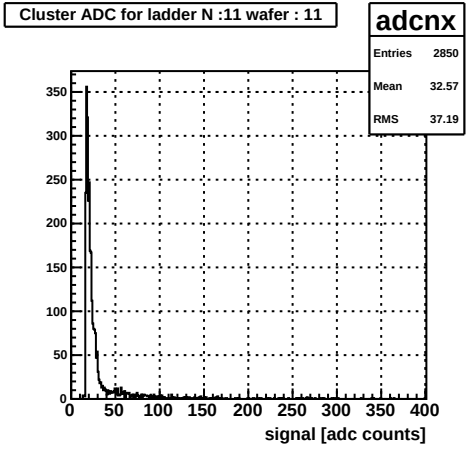

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 1625
Mean 40.18
RMS 45.11
signal [adc counts]

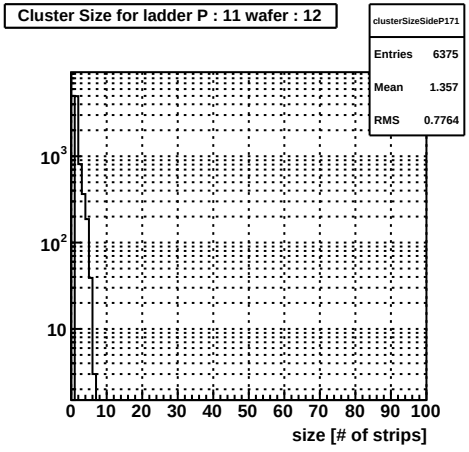

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 680
Mean 1.172
RMS 0.5435
size [# of strips]

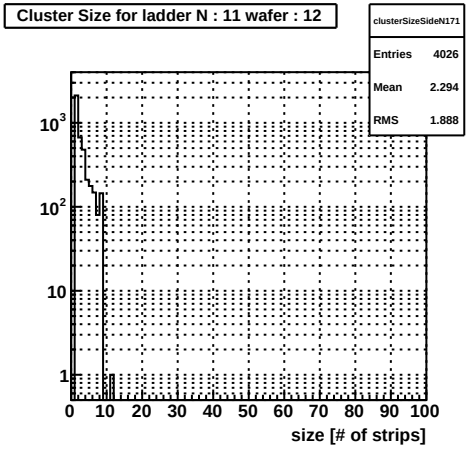

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 2850
Mean 1.127
RMS 0.4991
size [# of strips]

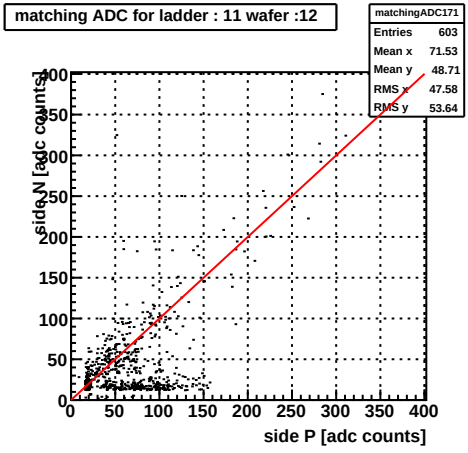

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 379
Mean x 74.18
Mean y 73.62
RMS x 59.23
RMS y 60.94
side N [adc counts]
side P [adc counts]

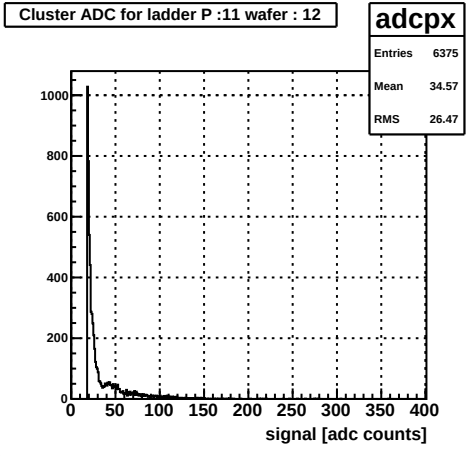

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 680
Mean 67.4
RMS 58.75
signal [adc counts]

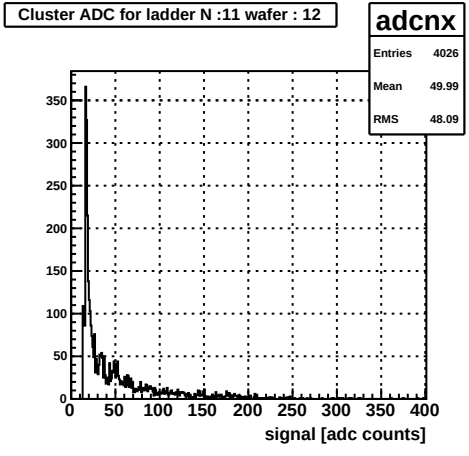

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 2850
Mean 32.57
RMS 37.19
signal [adc counts]

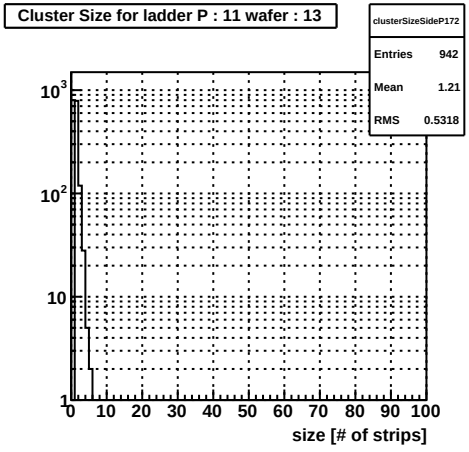

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 6375
Mean 1.357
RMS 0.7764
size [# of strips]

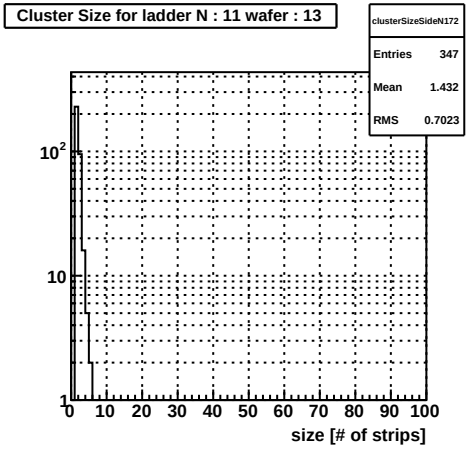

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 4026
Mean 2.294
RMS 1.888
size [# of strips]

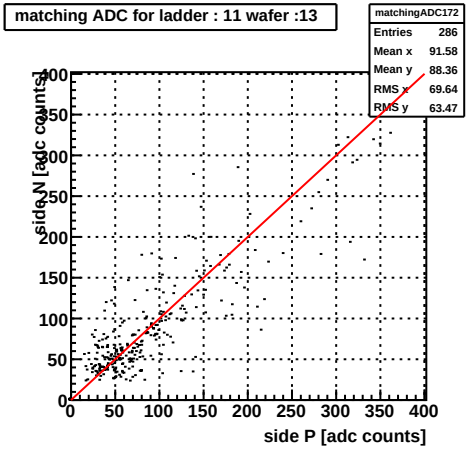

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 603
Mean x 71.53
Mean y 48.71
RMS x 47.58
RMS y 53.64
side N [adc counts]
side P [adc counts]

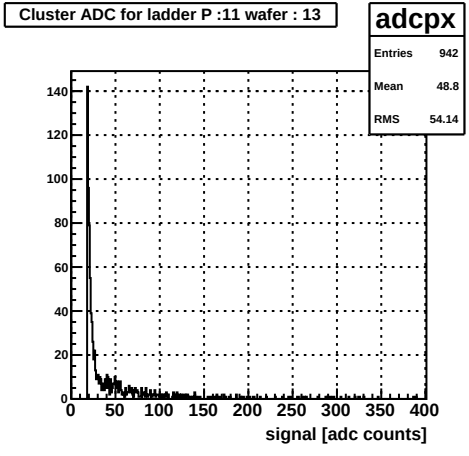

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 6375
Mean 34.57
RMS 26.47
signal [adc counts]

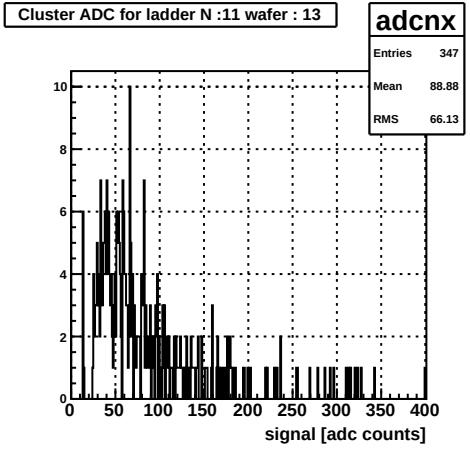

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 4026
Mean 49.99
RMS 48.09
signal [adc counts]

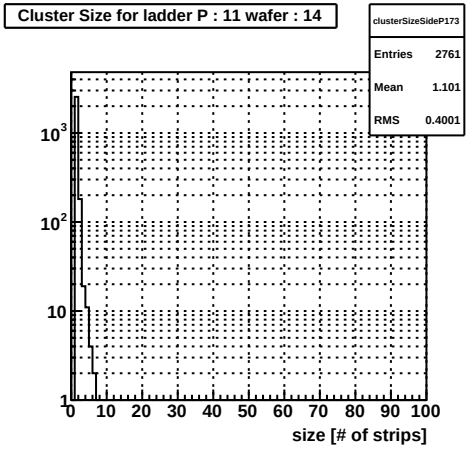

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 942
Mean 1.21
RMS 0.5318
size [# of strips]

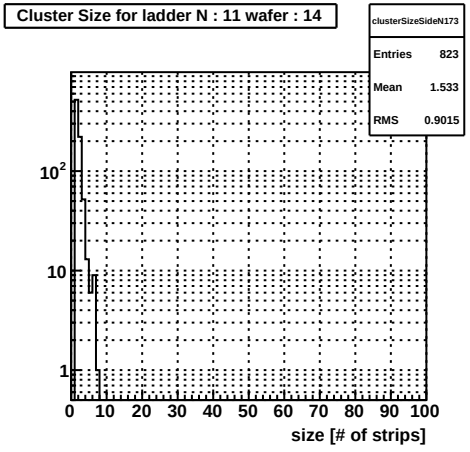

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 347
Mean 1.432
RMS 0.7023
size [# of strips]

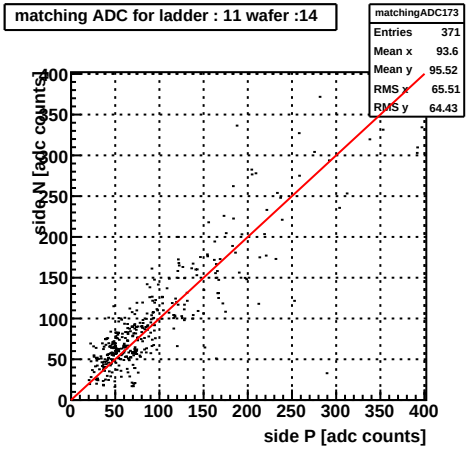

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 286
Mean x 91.58
Mean y 88.36
RMS x 69.64
RMS y 63.47
side N [adc counts]
side P [adc counts]

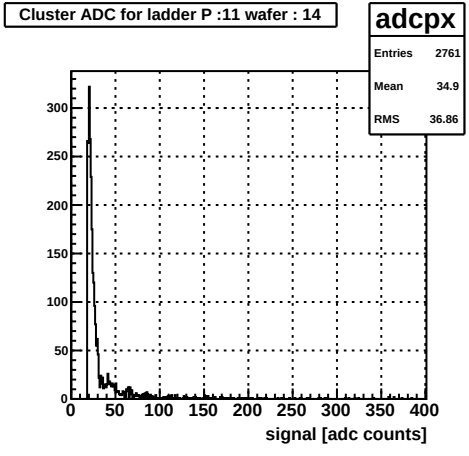

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 942
Mean 48.8
RMS 54.14
signal [adc counts]

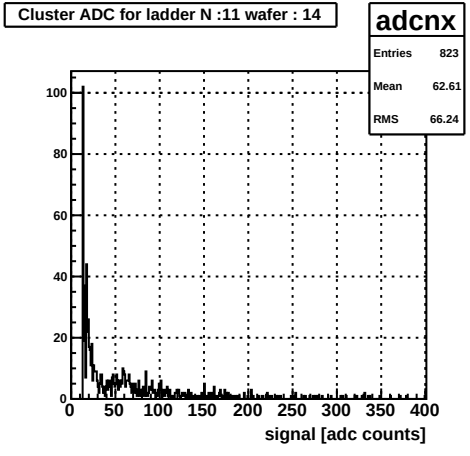

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 347
Mean 88.88
RMS 66.13
signal [adc counts]

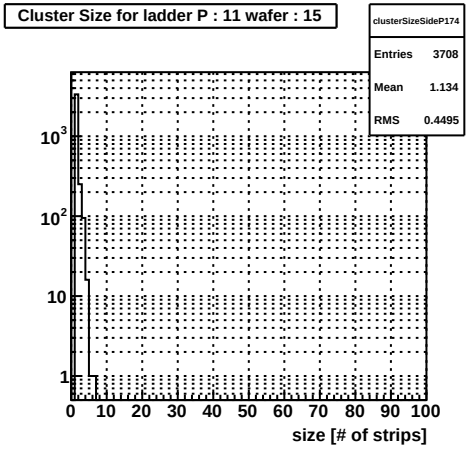

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 2761
Mean 1.101
RMS 0.4001
size [# of strips]

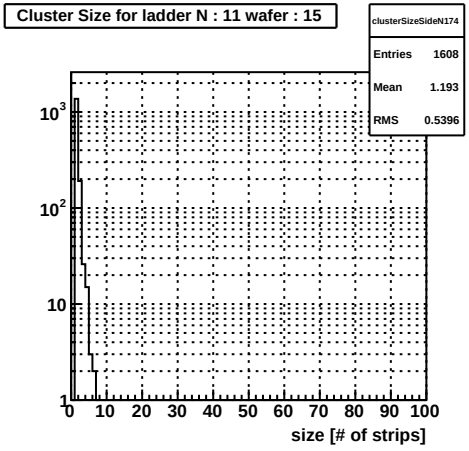

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 823
Mean 1.533
RMS 0.9015
size [# of strips]

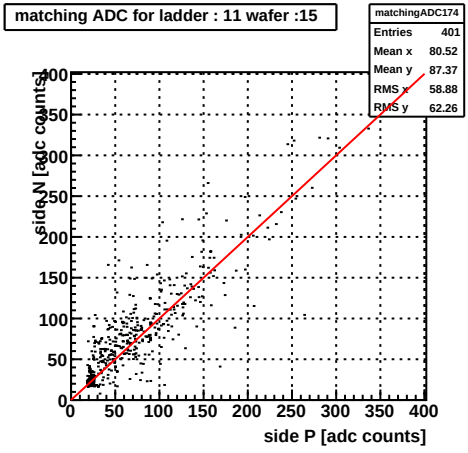

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 371
Mean x 93.6
Mean y 95.52
RMS x 65.51
RMS y 64.43
side N [adc counts]
side P [adc counts]

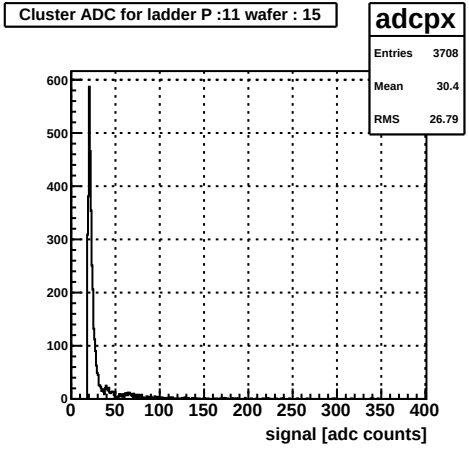

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 2761
Mean 34.9
RMS 36.86
signal [adc counts]

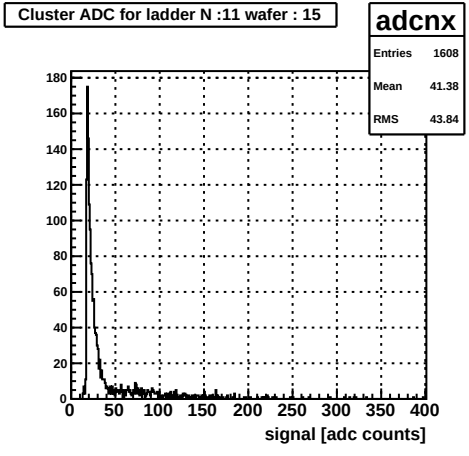

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 823
Mean 62.61
RMS 66.24
signal [adc counts]

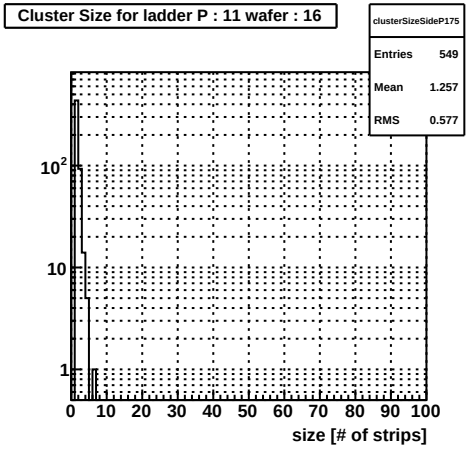

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 3708
Mean 1.134
RMS 0.4495
size [# of strips]

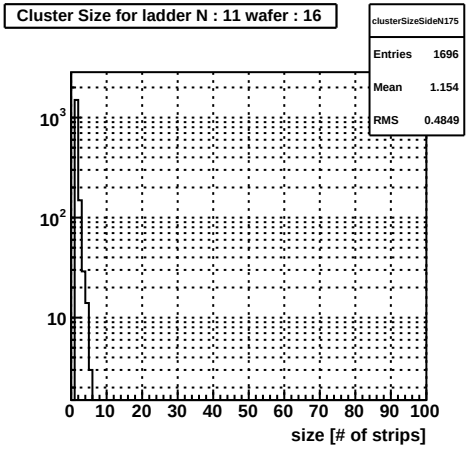

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 1608
Mean 1.193
RMS 0.5396
size [# of strips]

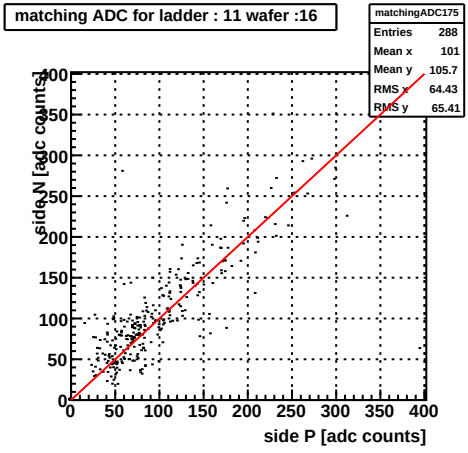

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 401
Mean x 80.52
Mean y 87.37
RMS x 58.88
RMS y 62.26
side N [adc counts]
side P [adc counts]

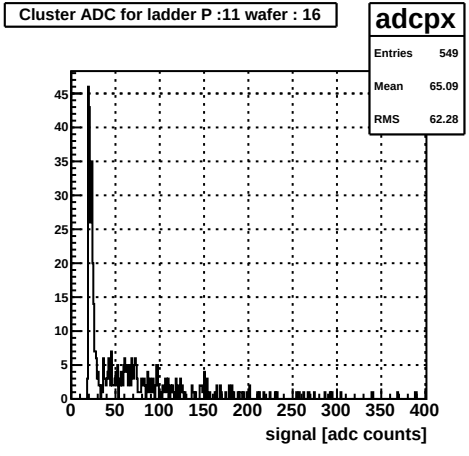

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 3708
Mean 30.4
RMS 26.79
signal [adc counts]

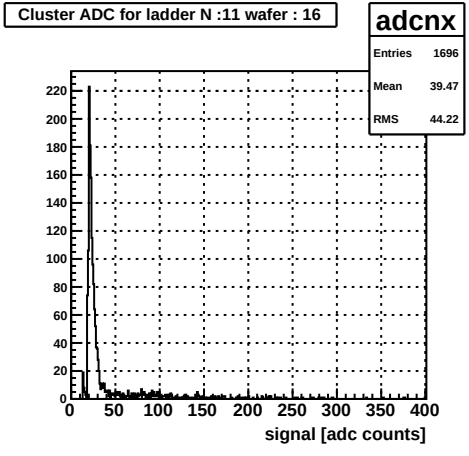

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 1608
Mean 41.38
RMS 43.84
signal [adc counts]

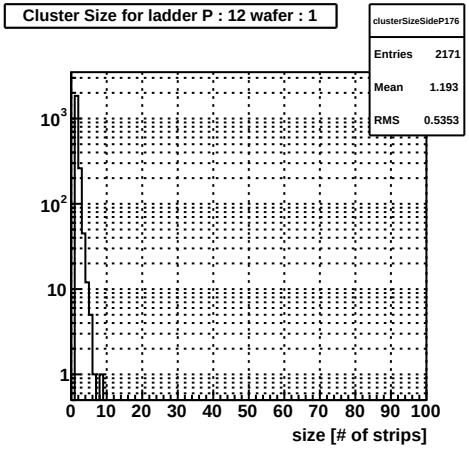

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 549
Mean 1.257
RMS 0.577
size [# of strips]

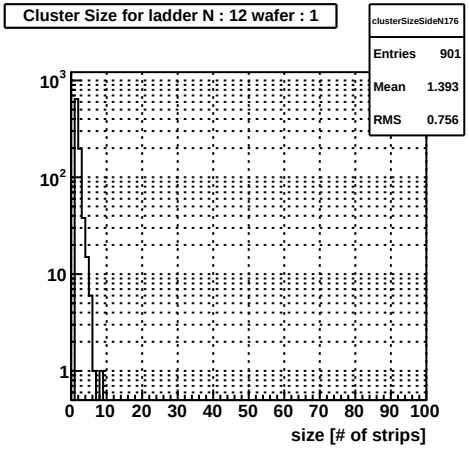

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 1696
Mean 1.154
RMS 0.4849
size [# of strips]

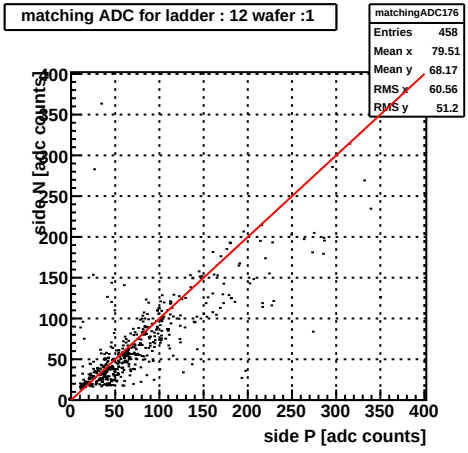

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 288
Mean x 101
Mean y 105.7
RMS x 64.43
RMS y 65.41
side N [adc counts]
side P [adc counts]

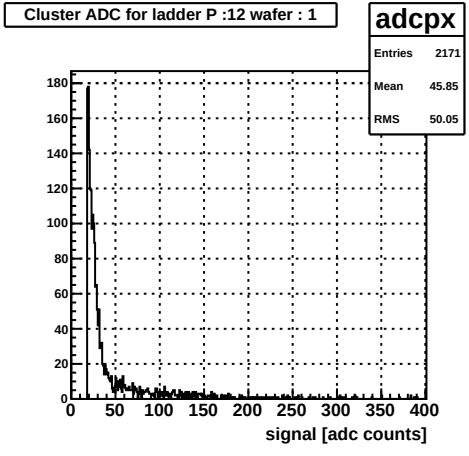

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 549
Mean 65.09
RMS 62.28
signal [adc counts]

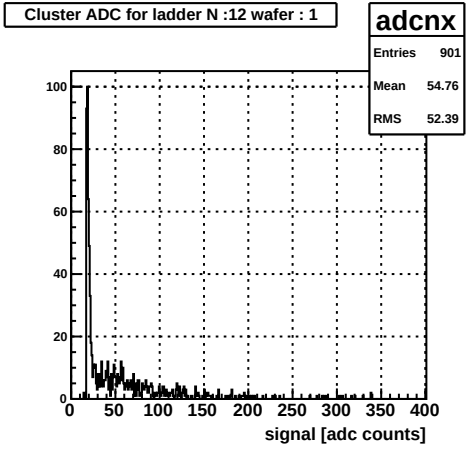

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 1696
Mean 39.47
RMS 44.22
signal [adc counts]

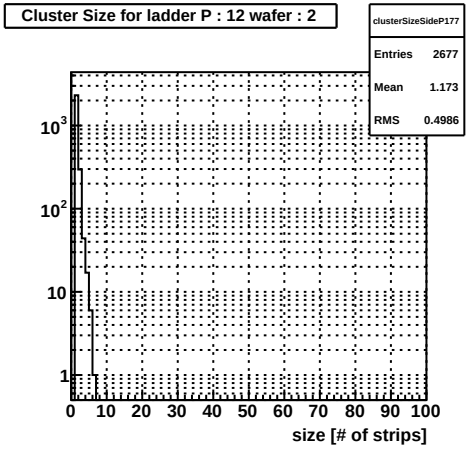

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 2171
Mean 1.193
RMS 0.5353
size [# of strips]

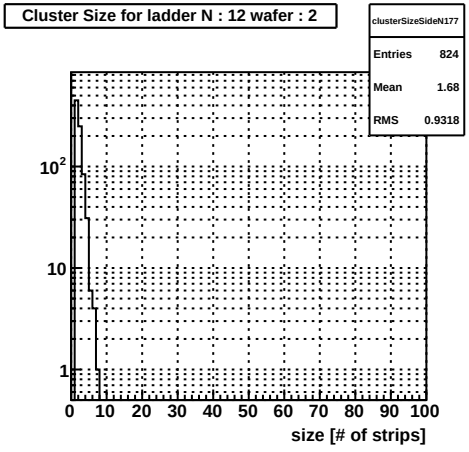

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 901
Mean 1.393
RMS 0.756
size [# of strips]

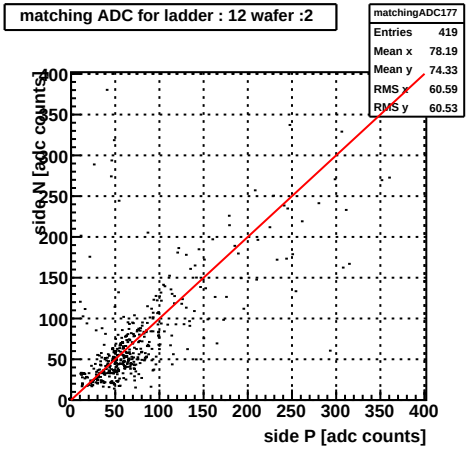

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 458
Mean x 79.51
Mean y 68.17
RMS x 60.56
RMS y 51.2
side N [adc counts]
side P [adc counts]

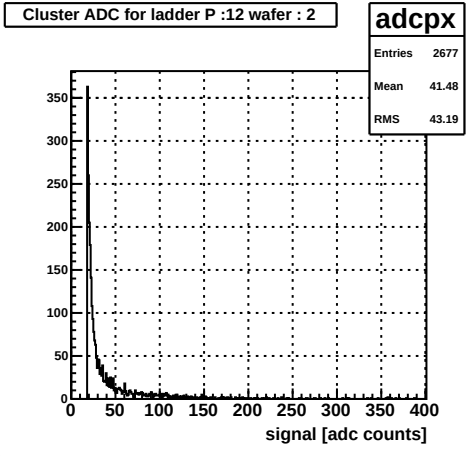

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 2171
Mean 45.85
RMS 50.05
signal [adc counts]

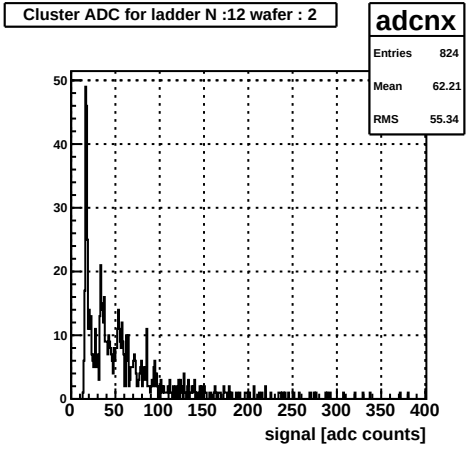

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 901
Mean 54.76
RMS 52.39
signal [adc counts]

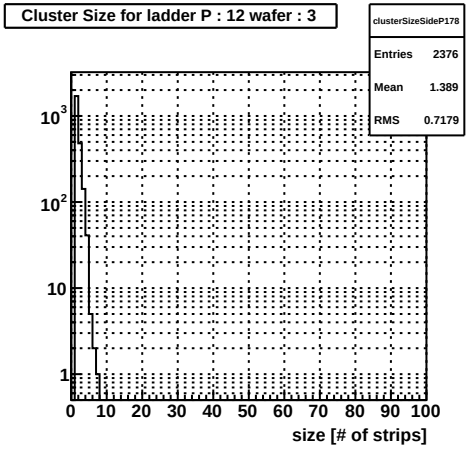

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 2677
Mean 1.173
RMS 0.4986
size [# of strips]

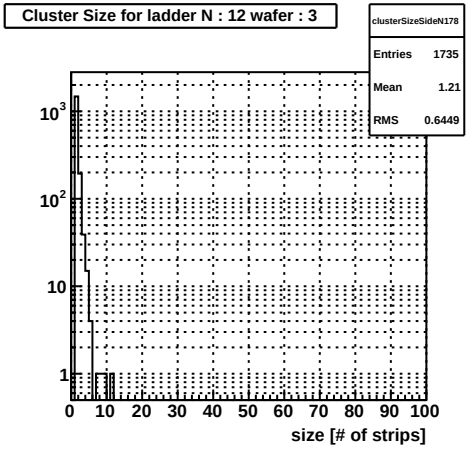

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 824
Mean 1.68
RMS 0.9318
size [# of strips]

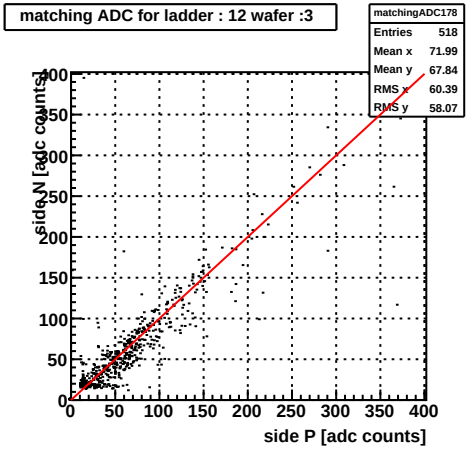

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 419
Mean x 78.19
Mean y 74.33
RMS x 60.59
RMS y 60.53
side N [adc counts]
side P [adc counts]

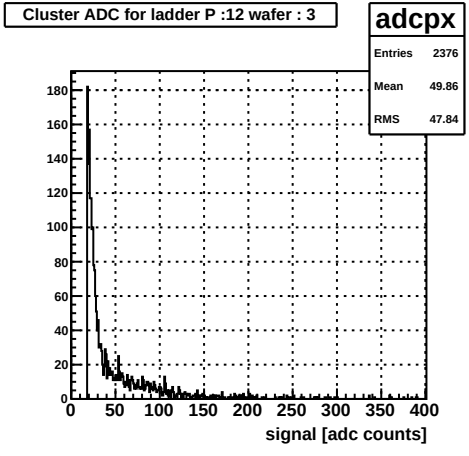

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 2677
Mean 41.48
RMS 43.19
signal [adc counts]

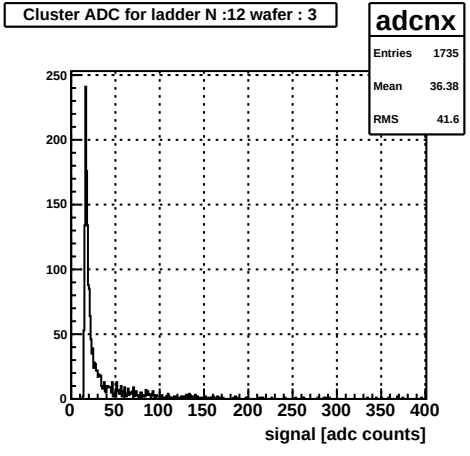

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 824
Mean 62.21
RMS 55.34
signal [adc counts]

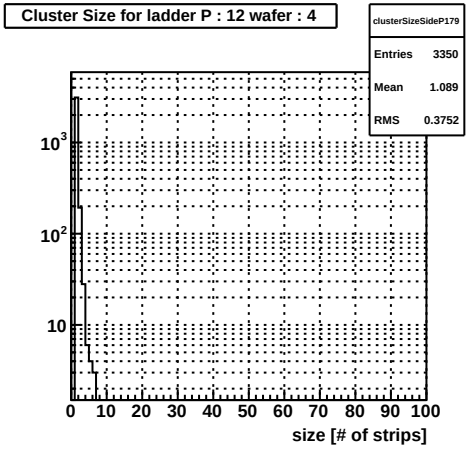

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 2376
Mean 1.389
RMS 0.7179
size [# of strips]

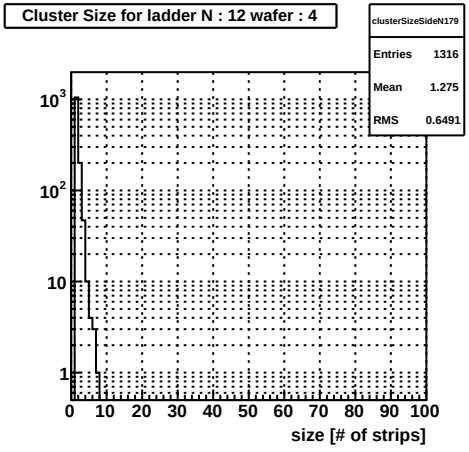

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 1735
Mean 1.21
RMS 0.6449
size [# of strips]

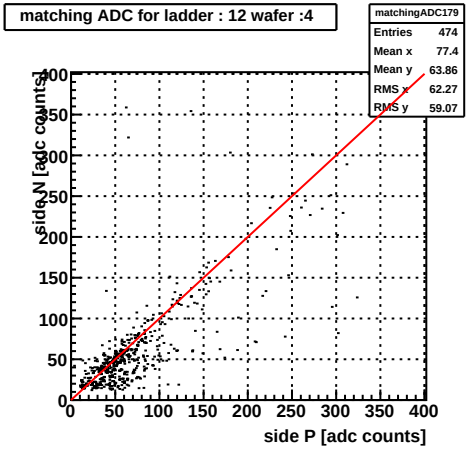

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 518
Mean x 71.99
Mean y 67.84
RMS x 60.39
RMS y 58.07
side N [adc counts]
side P [adc counts]

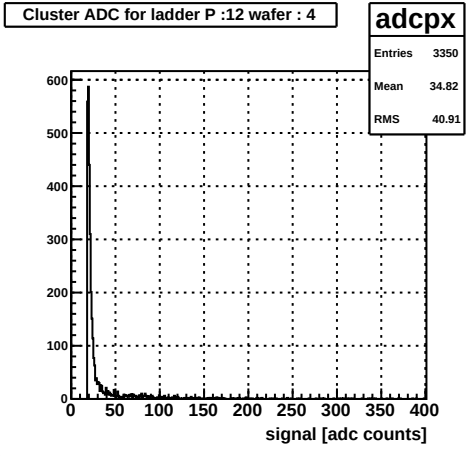

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 2376
Mean 49.86
RMS 47.84
signal [adc counts]

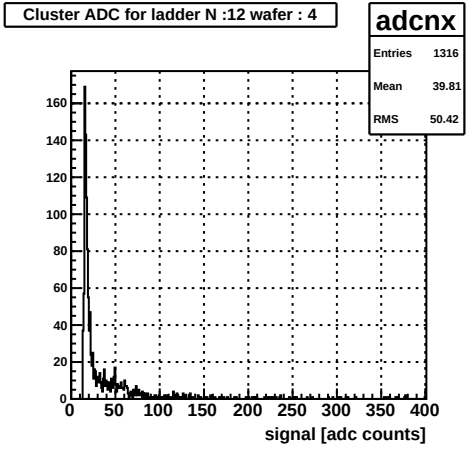

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 1735
Mean 36.38
RMS 41.6
signal [adc counts]

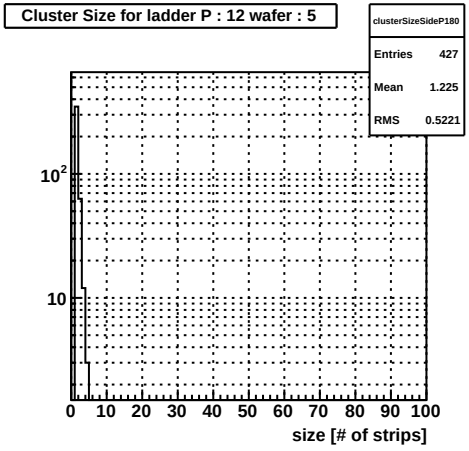

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 3350
Mean 1.089
RMS 0.3752
size [# of strips]

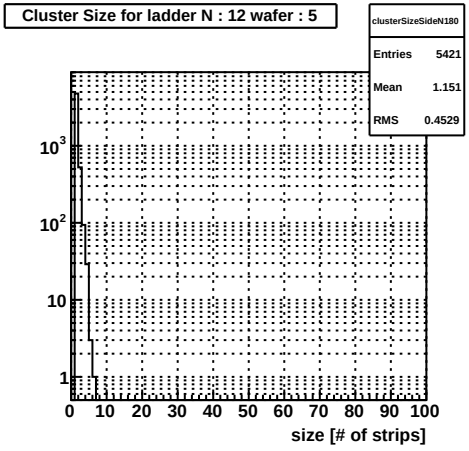

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 1316
Mean 1.275
RMS 0.6491
size [# of strips]

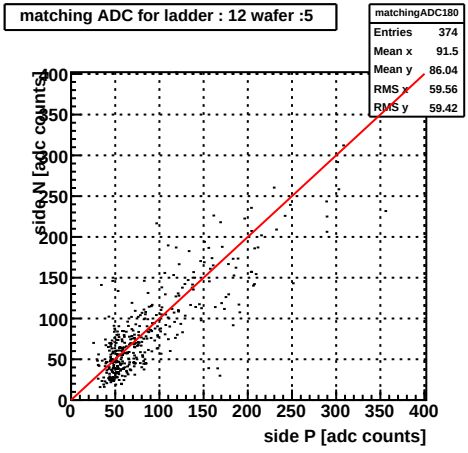

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 474
Mean x 77.4
Mean y 63.86
RMS x 62.27
RMS y 59.07
side N [adc counts]
side P [adc counts]

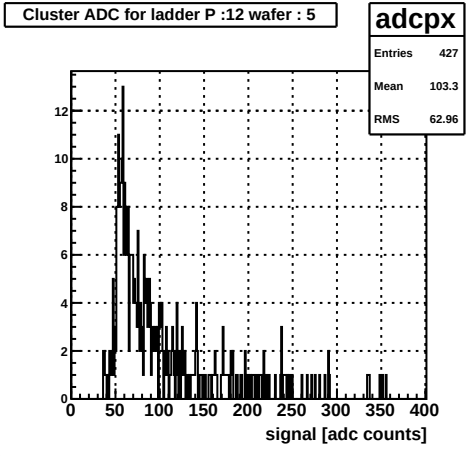

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 3350
Mean 34.82
RMS 40.91
signal [adc counts]

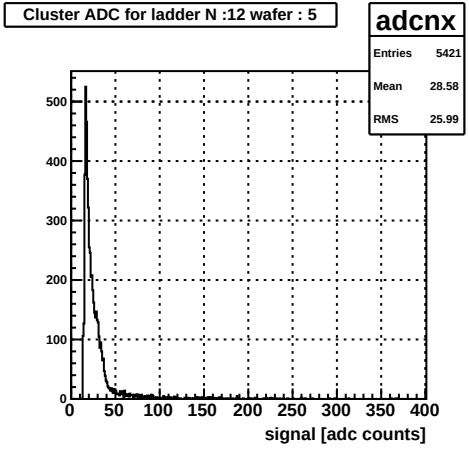

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 1316
Mean 39.81
RMS 50.42
signal [adc counts]

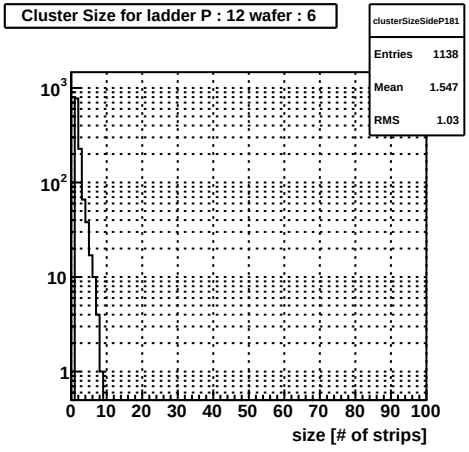

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 427
Mean 1.225
RMS 0.5221
size [# of strips]

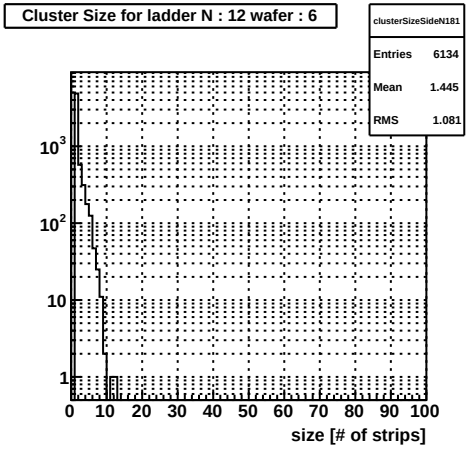

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 5421
Mean 1.151
RMS 0.4529
size [# of strips]

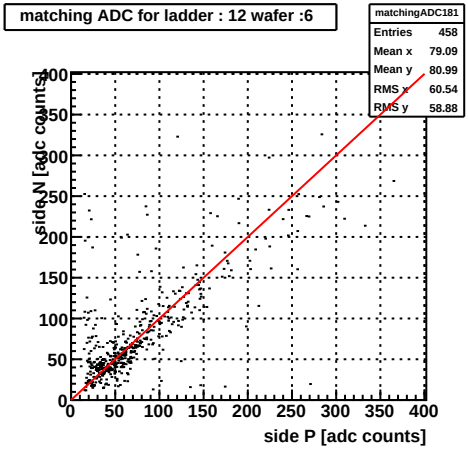

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 374
Mean x 91.5
Mean y 86.04
RMS x 59.56
RMS y 59.42
side N [adc counts]
side P [adc counts]

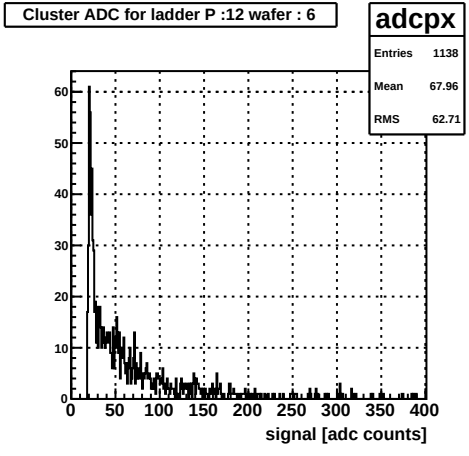

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 427
Mean 103.3
RMS 62.96
signal [adc counts]

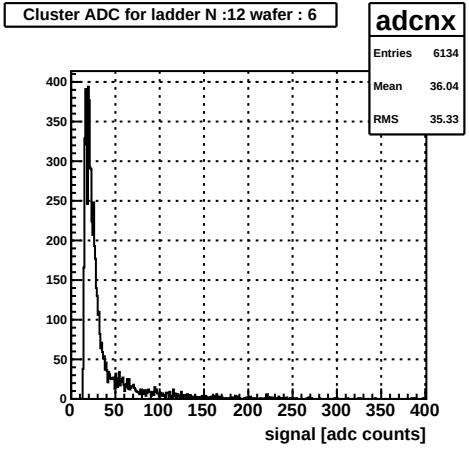

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 5421
Mean 28.58
RMS 25.99
signal [adc counts]

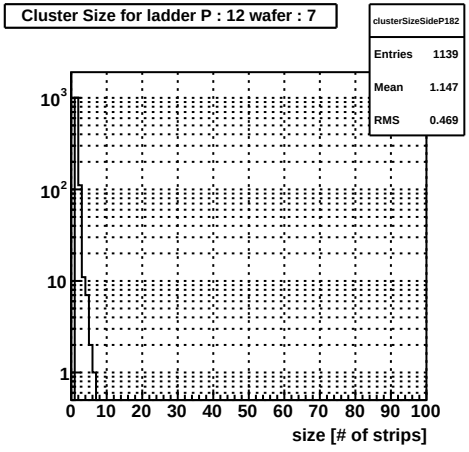

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 1138
Mean 1.547
RMS 1.03
size [# of strips]

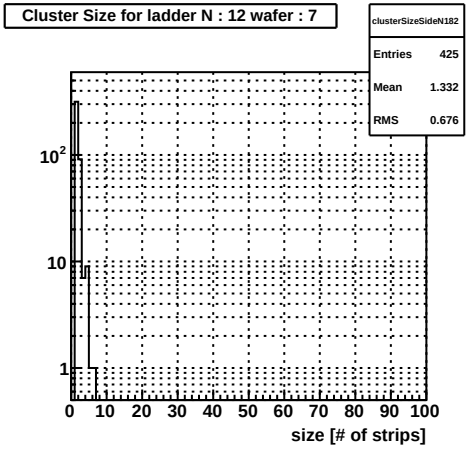

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 6134
Mean 1.445
RMS 1.081
size [# of strips]

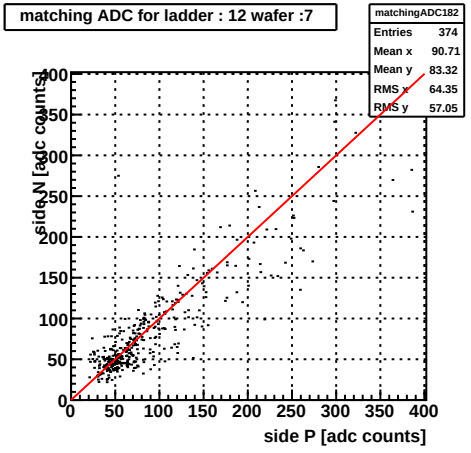

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 458
Mean x 79.09
Mean y 80.99
RMS x 60.54
RMS y 58.88
side N [adc counts]
side P [adc counts]

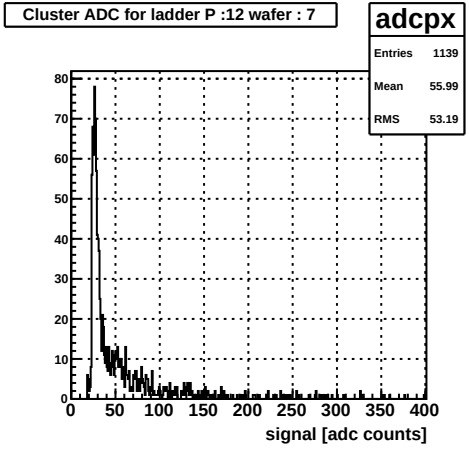

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 1138
Mean 67.96
RMS 62.71
signal [adc counts]

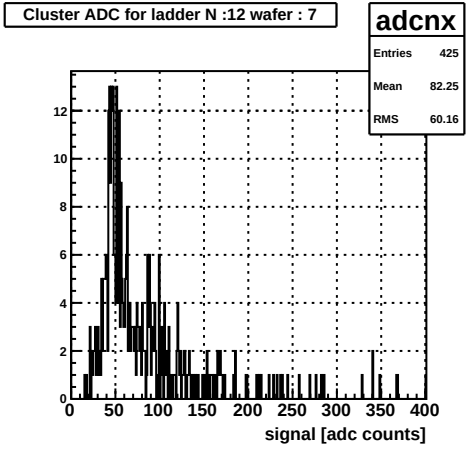

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 6134
Mean 36.04
RMS 35.33
signal [adc counts]

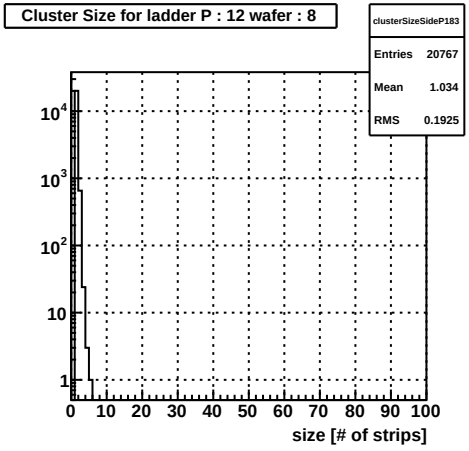

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 1139
Mean 1.147
RMS 0.469
size [# of strips]

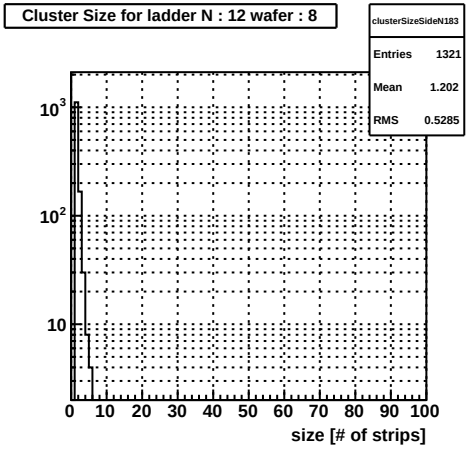

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 425
Mean 1.332
RMS 0.676
size [# of strips]

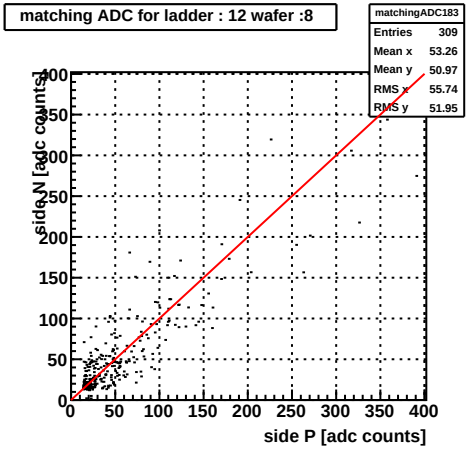

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 374
Mean x 90.71
Mean y 83.32
RMS x 64.35
RMS y 57.05
side N [adc counts]
side P [adc counts]

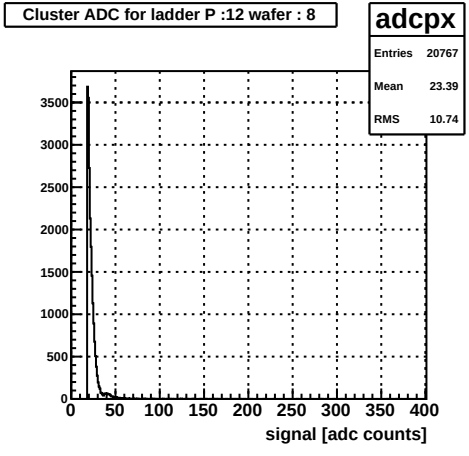

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 1139
Mean 55.99
RMS 53.19
signal [adc counts]

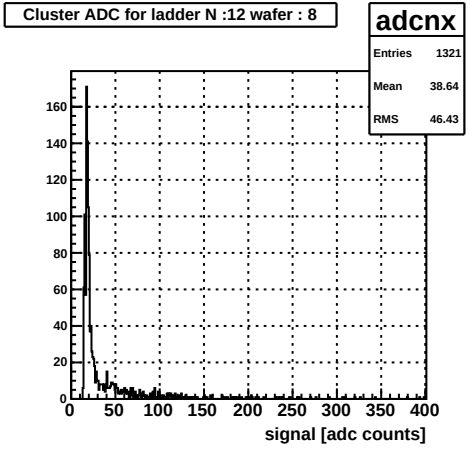

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 425
Mean 82.25
RMS 60.16
signal [adc counts]

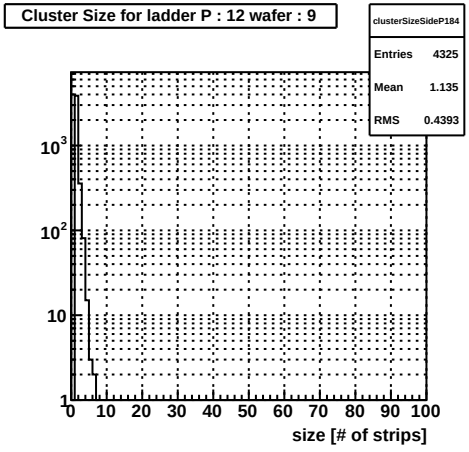

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 20767
Mean 1.034
RMS 0.1925
size [# of strips]

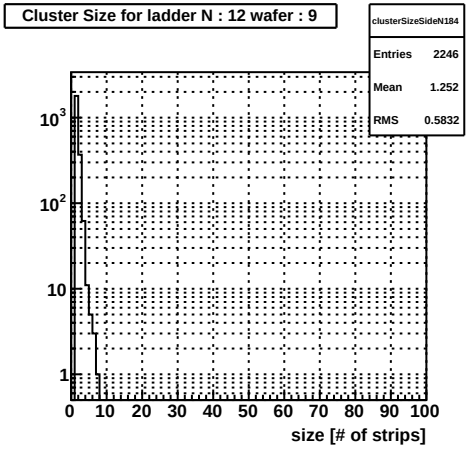

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 1321
Mean 1.202
RMS 0.5285
size [# of strips]

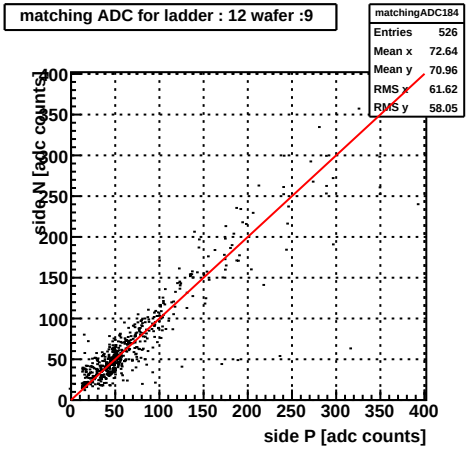

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 309
Mean x 53.26
Mean y 50.97
RMS x 55.74
RMS y 51.95
side N [adc counts]
side P [adc counts]

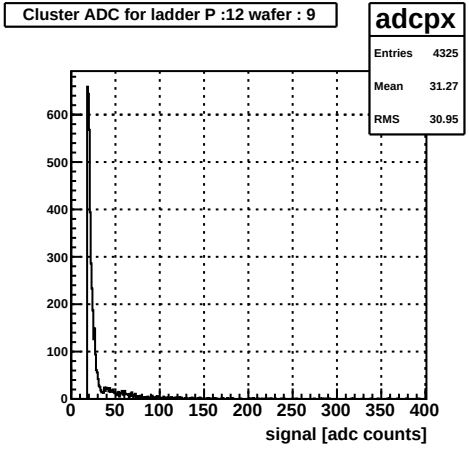

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 20767
Mean 23.39
RMS 10.74
signal [adc counts]

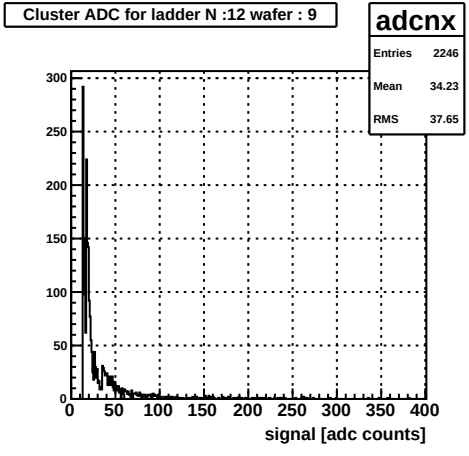

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 1321
Mean 38.64
RMS 46.43
signal [adc counts]

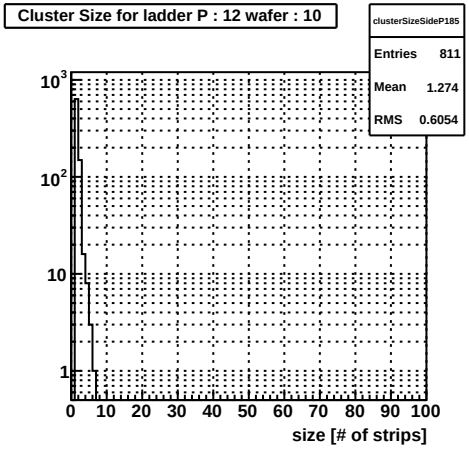

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 4325
Mean 1.135
RMS 0.4393
size [# of strips]

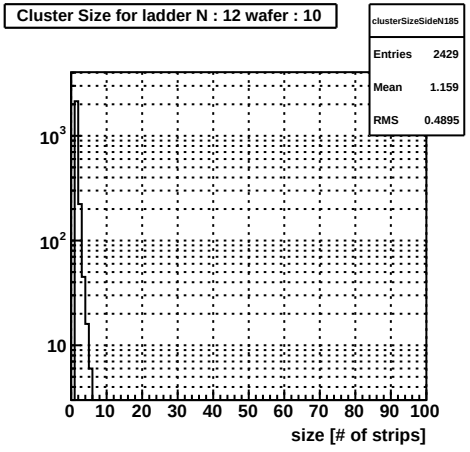

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 2246
Mean 1.252
RMS 0.5832
size [# of strips]

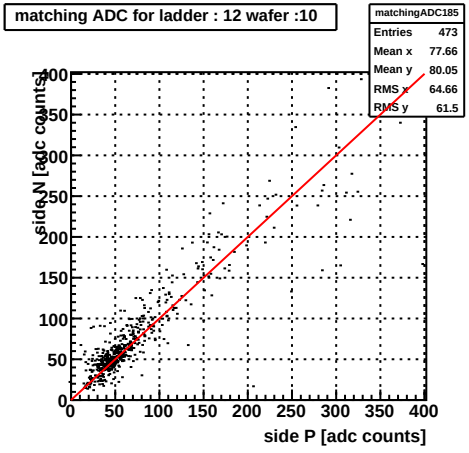

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 526
Mean x 72.64
Mean y 70.96
RMS x 61.62
RMS y 58.05
side N [adc counts]
side P [adc counts]

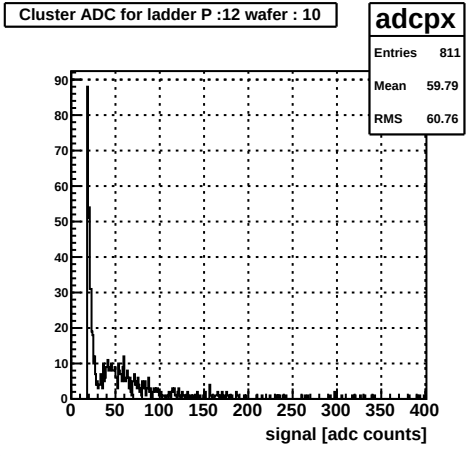

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 4325
Mean 31.27
RMS 30.95
signal [adc counts]

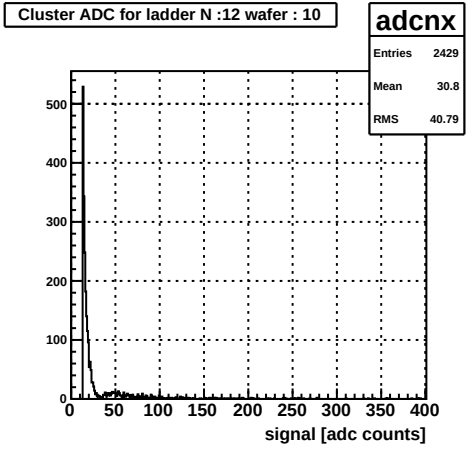

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 2246
Mean 34.23
RMS 37.65
signal [adc counts]

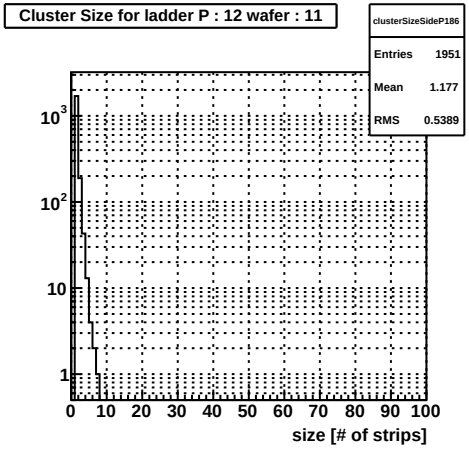

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 811
Mean 1.274
RMS 0.6054
size [# of strips]

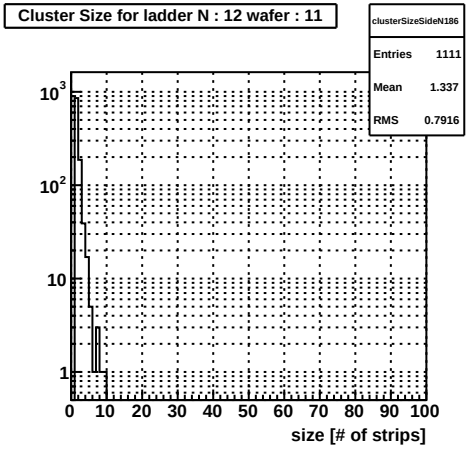

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 2429
Mean 1.159
RMS 0.4895
size [# of strips]

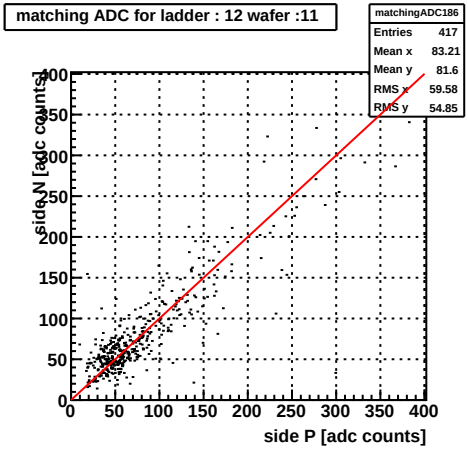

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 473
Mean x 77.66
Mean y 80.05
RMS x 64.66
RMS y 61.5
side N [adc counts]
side P [adc counts]

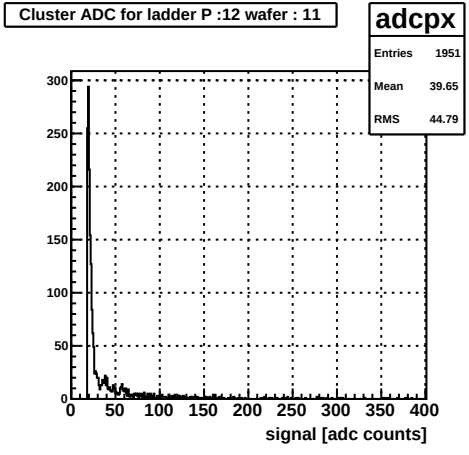

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 811
Mean 59.79
RMS 60.76
signal [adc counts]

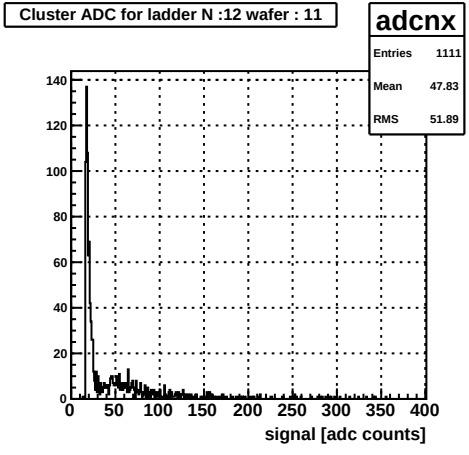

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 2429
Mean 30.8
RMS 40.79
signal [adc counts]

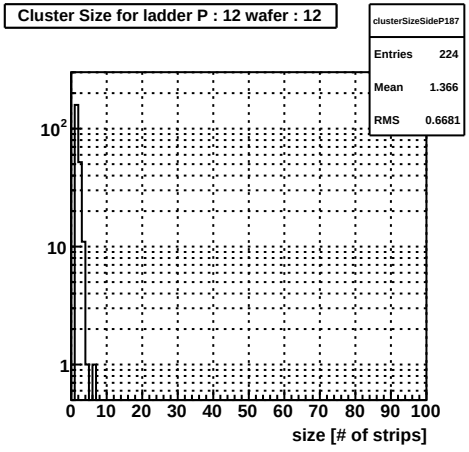

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 1951
Mean 1.177
RMS 0.5389
size [# of strips]

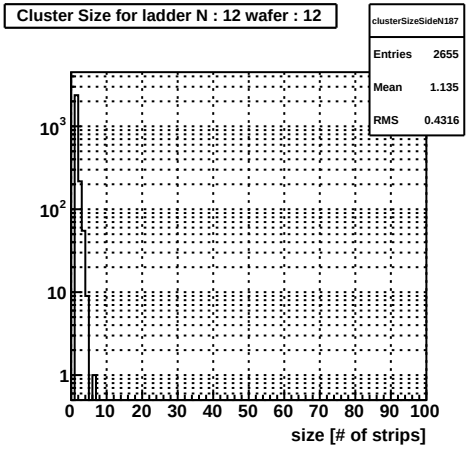

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 1111
Mean 1.337
RMS 0.7916
size [# of strips]

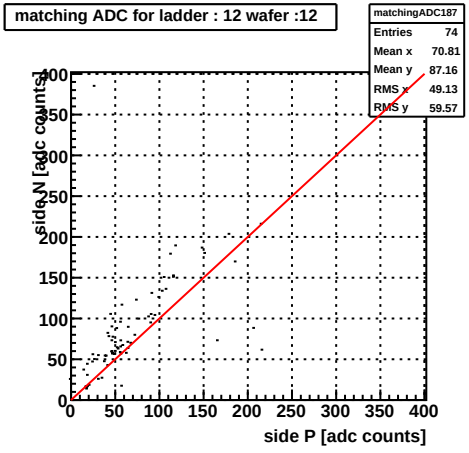

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 417
Mean x 83.21
Mean y 81.6
RMS x 59.58
RMS y 54.85
side N [adc counts]
side P [adc counts]

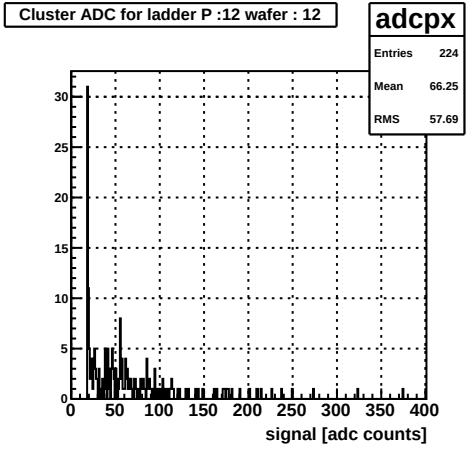

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 1951
Mean 39.65
RMS 44.79
signal [adc counts]

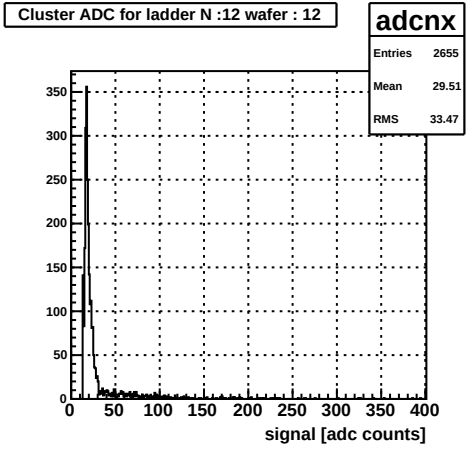

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 1111
Mean 47.83
RMS 51.89
signal [adc counts]

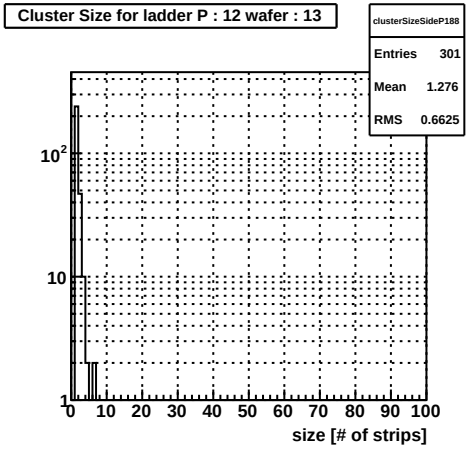

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 224
Mean 1.366
RMS 0.6681
size [# of strips]

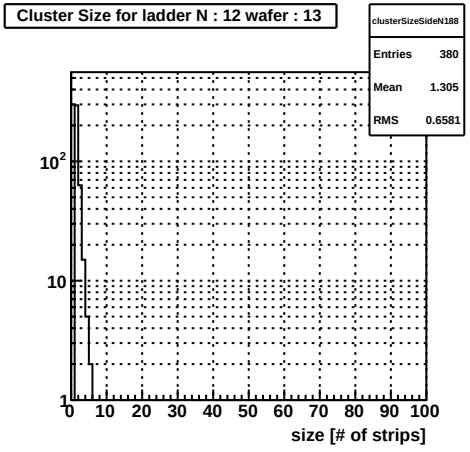

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 2655
Mean 1.135
RMS 0.4316
size [# of strips]

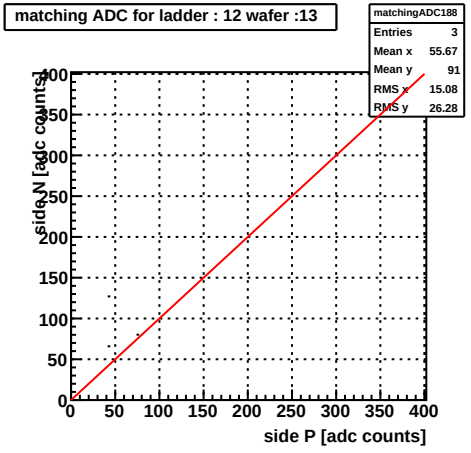

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 74
Mean x 70.81
Mean y 87.16
RMS x 49.13
RMS y 59.57
side N [adc counts]
side P [adc counts]

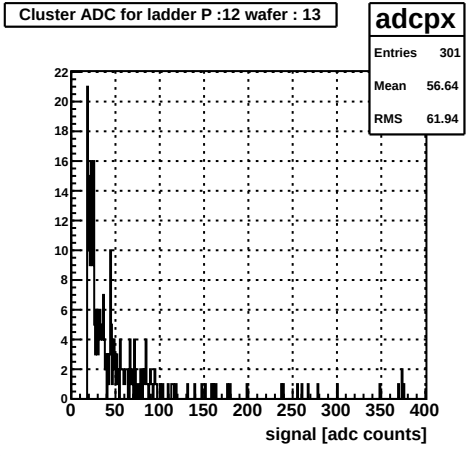

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 224
Mean 66.25
RMS 57.69
signal [adc counts]

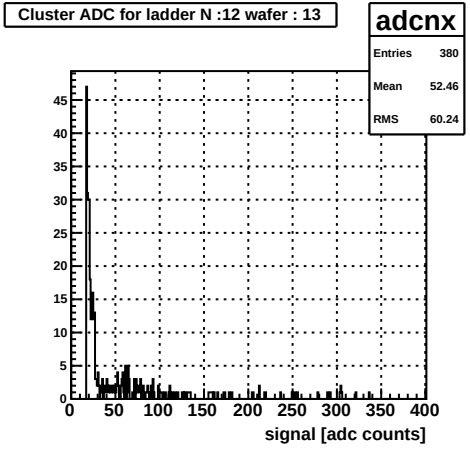

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 2655
Mean 29.51
RMS 33.47
signal [adc counts]

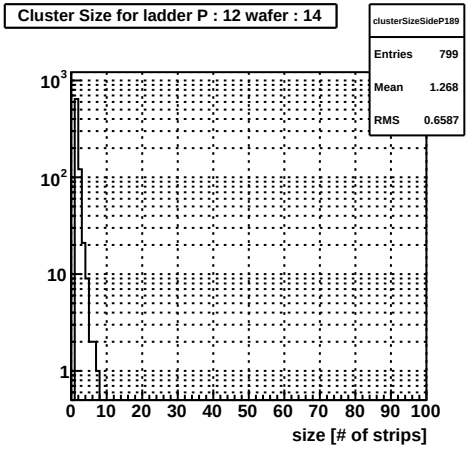

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 301
Mean 1.276
RMS 0.6625
size [# of strips]

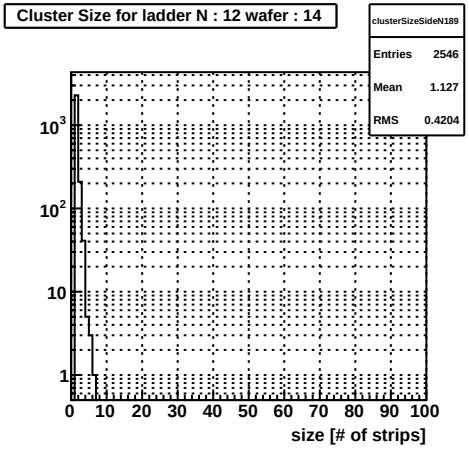

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 380
Mean 1.305
RMS 0.6581
size [# of strips]

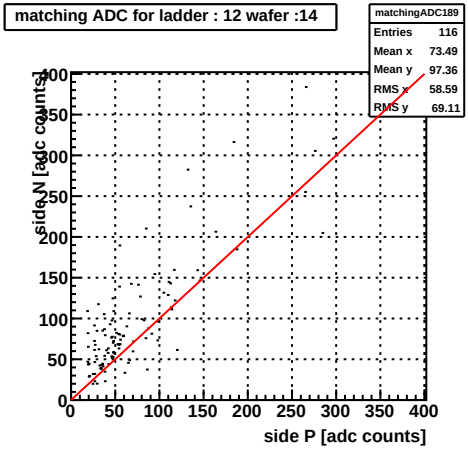

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 3
Mean x 55.67
Mean y 91
RMS x 15.08
RMS y 26.28
side N [adc counts]
side P [adc counts]

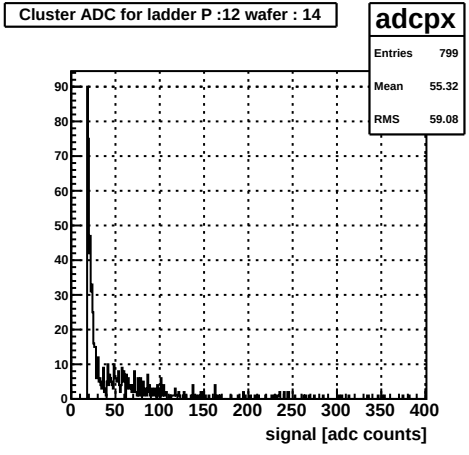

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 301
Mean 56.64
RMS 61.94
signal [adc counts]

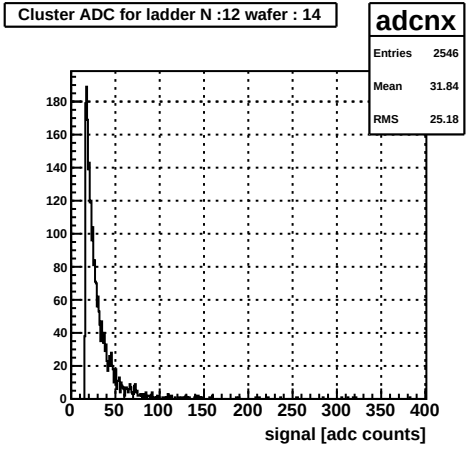

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 380
Mean 52.46
RMS 60.24
signal [adc counts]

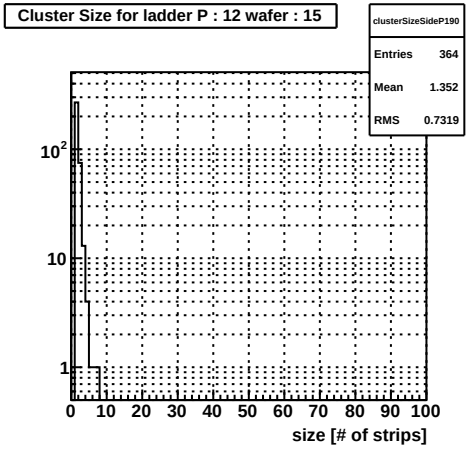

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 799
Mean 1.268
RMS 0.6587
size [# of strips]

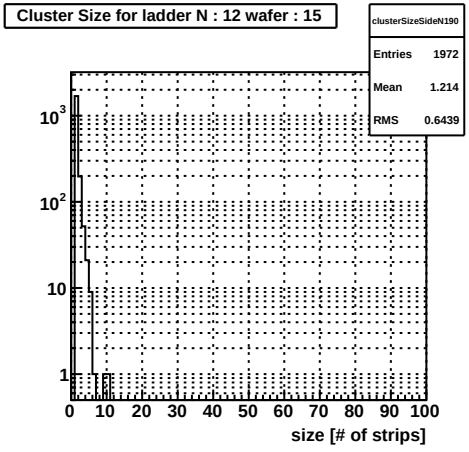

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2546
Mean 1.127
RMS 0.4204
size [# of strips]

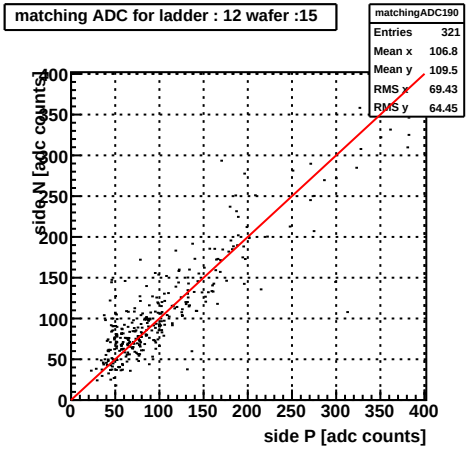

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 116
Mean x 73.49
Mean y 97.36
RMS x 58.59
RMS y 69.11
side N [adc counts]
side P [adc counts]

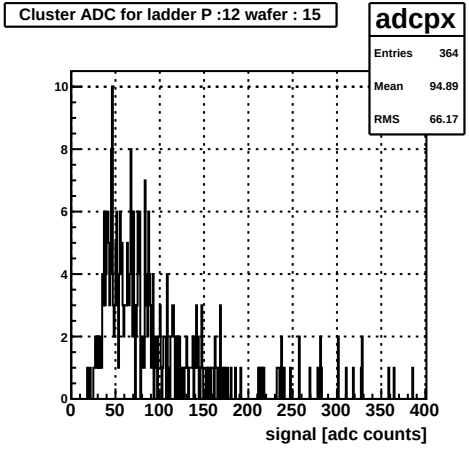

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 799
Mean 55.32
RMS 59.08
signal [adc counts]

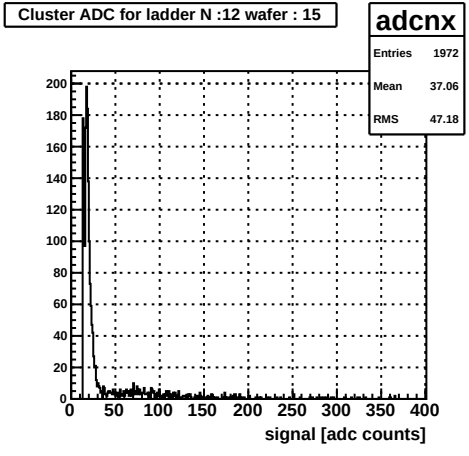

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2546
Mean 31.84
RMS 25.18
signal [adc counts]

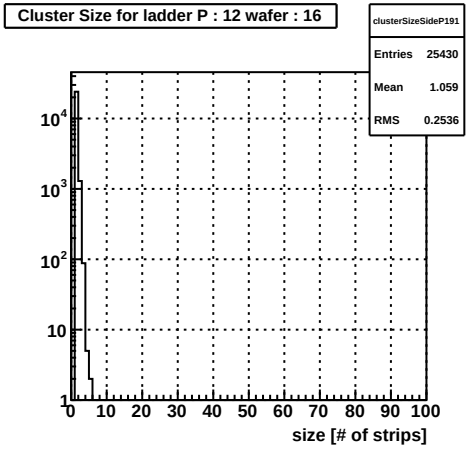

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 364
Mean 1.352
RMS 0.7319
size [# of strips]

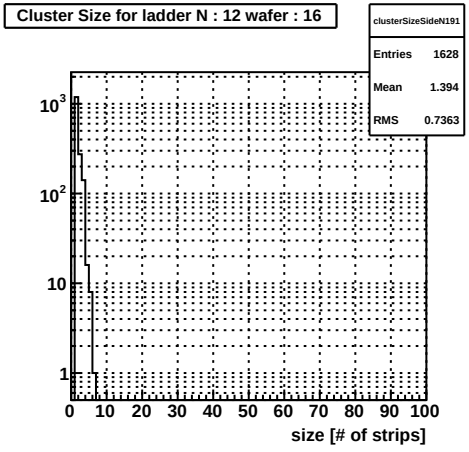

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 1972
Mean 1.214
RMS 0.6439
size [# of strips]

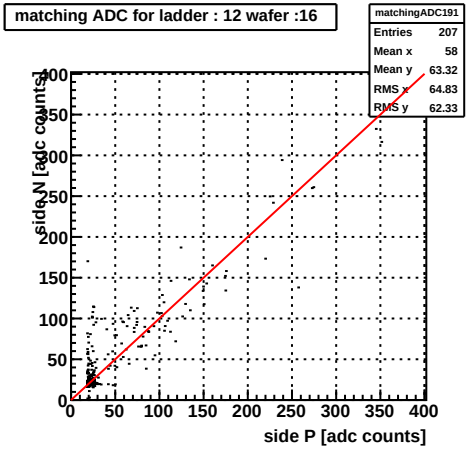

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 321
Mean x 106.8
Mean y 109.5
RMS x 69.43
RMS y 64.45
side N [adc counts]
side P [adc counts]

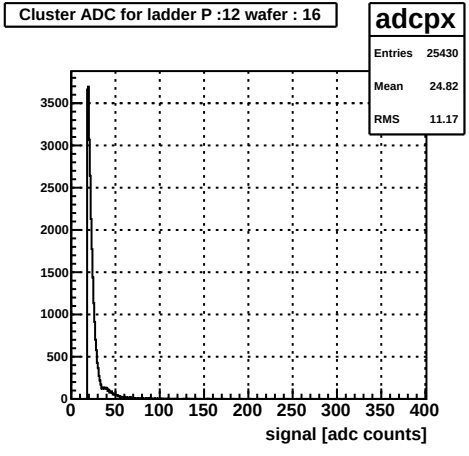

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 364
Mean 94.89
RMS 66.17
signal [adc counts]

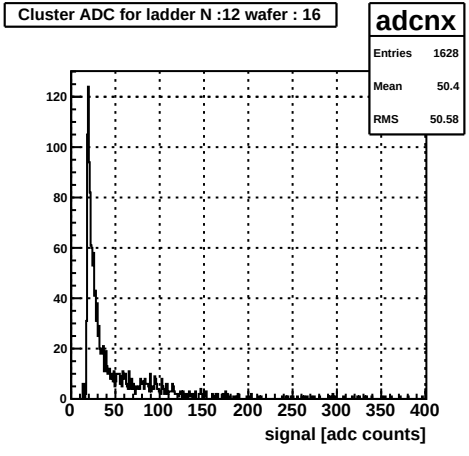

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 1972
Mean 37.06
RMS 47.18
signal [adc counts]

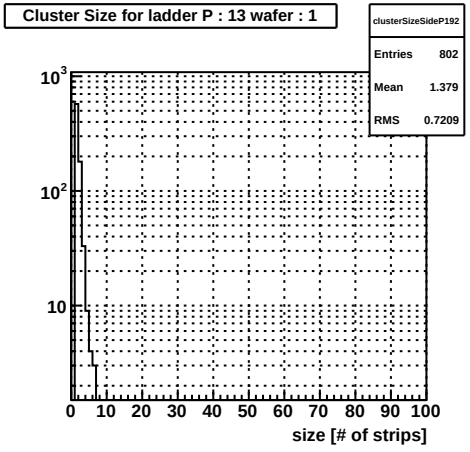

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 25430
Mean 1.059
RMS 0.2536
size [# of strips]

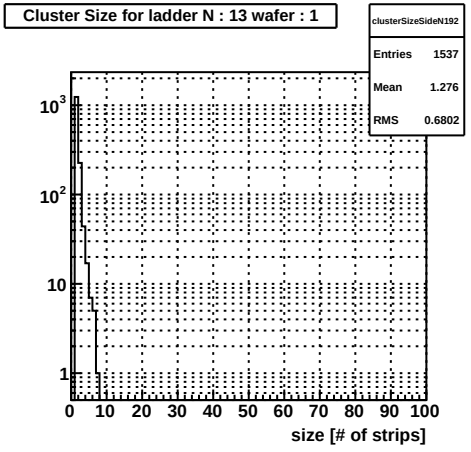

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 1628
Mean 1.394
RMS 0.7363
size [# of strips]

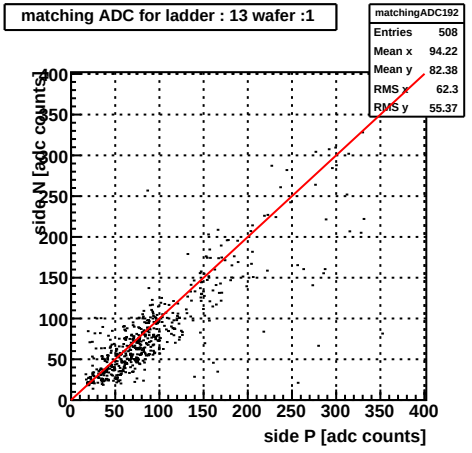

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 207
Mean x 58
Mean y 63.32
RMS x 64.83
RMS y 62.33
side N [adc counts]
side P [adc counts]

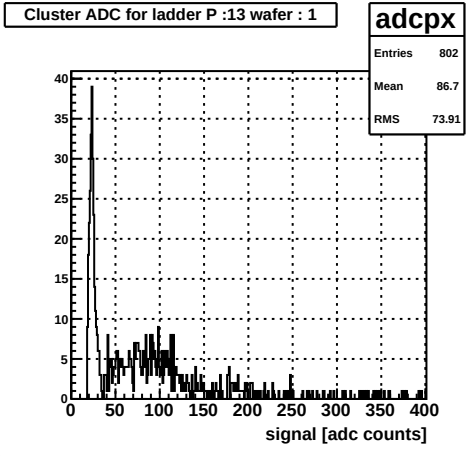

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 25430
Mean 24.82
RMS 11.17
signal [adc counts]

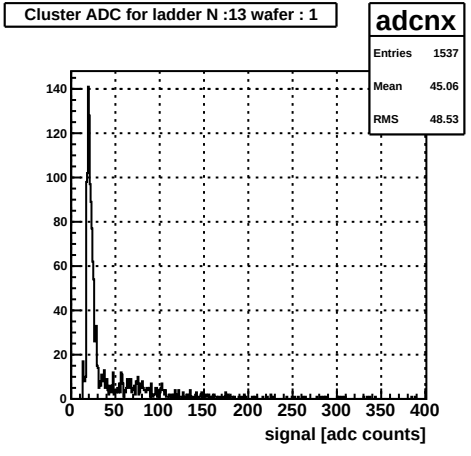

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 1628
Mean 50.4
RMS 50.58
signal [adc counts]

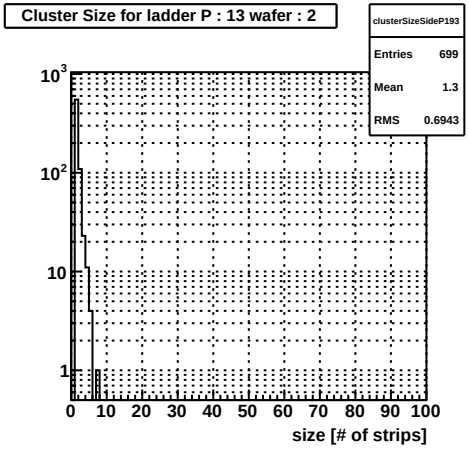

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 802
Mean 1.379
RMS 0.7209
size [# of strips]

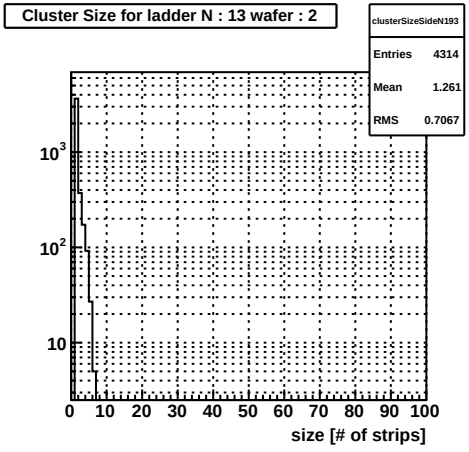

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 1537
Mean 1.276
RMS 0.6802
size [# of strips]

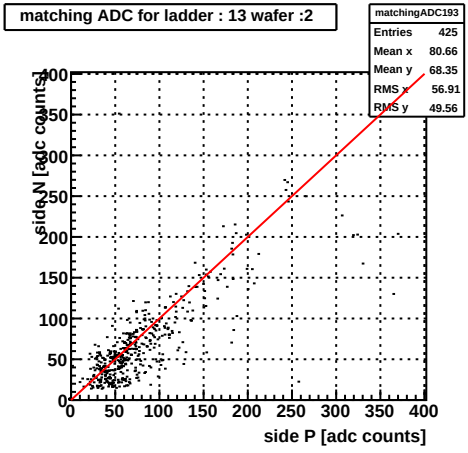

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 508
Mean x 94.22
Mean y 82.38
RMS x 62.3
RMS y 55.37
side N [adc counts]
side P [adc counts]

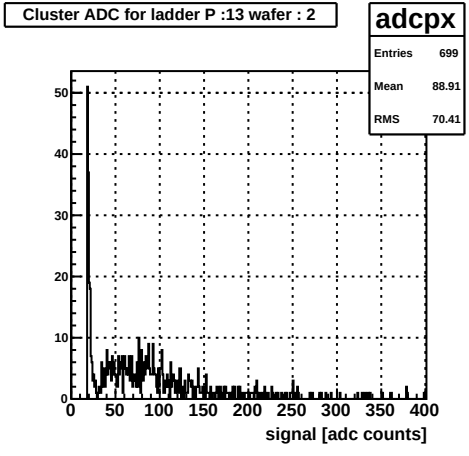

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 802
Mean 86.7
RMS 73.91
signal [adc counts]

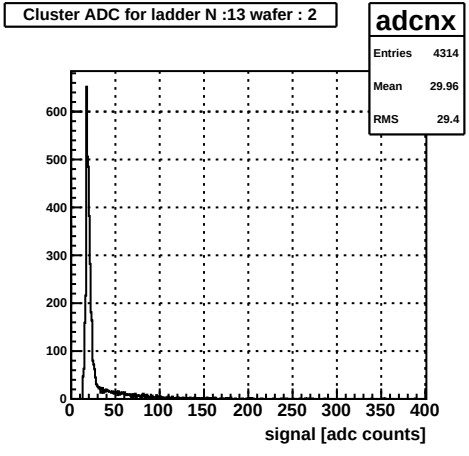

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 1537
Mean 45.06
RMS 48.53
signal [adc counts]

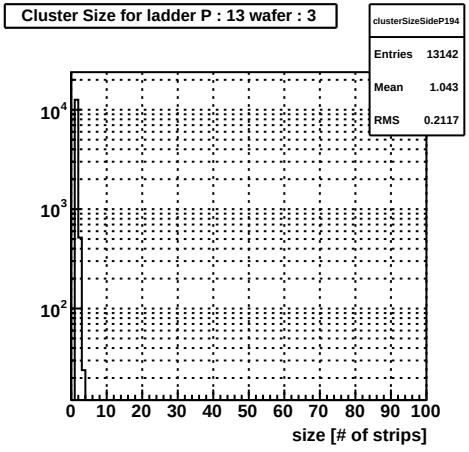

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 699
Mean 1.3
RMS 0.6943
size [# of strips]

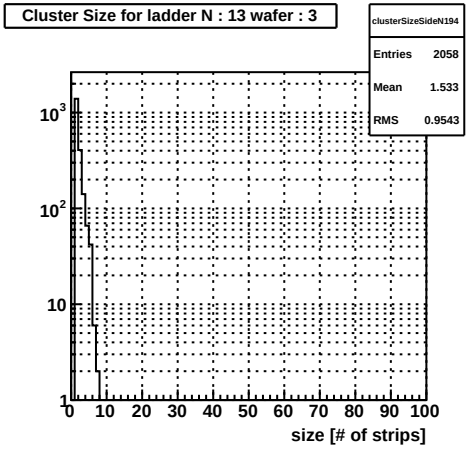

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 4314
Mean 1.261
RMS 0.7067
size [# of strips]

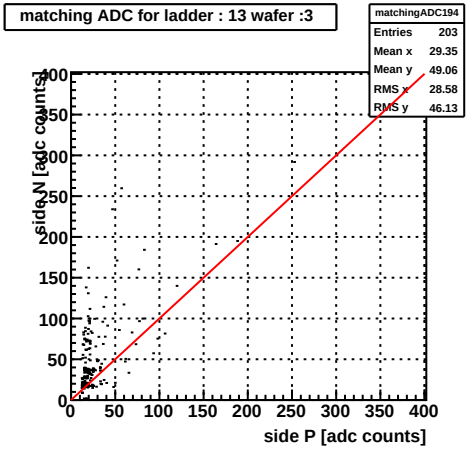

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 425
Mean x 80.66
Mean y 68.35
RMS x 56.91
RMS y 49.56
side N [adc counts]
side P [adc counts]

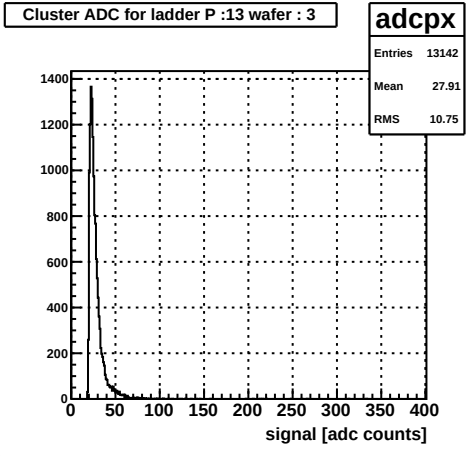

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 699
Mean 88.91
RMS 70.41
signal [adc counts]

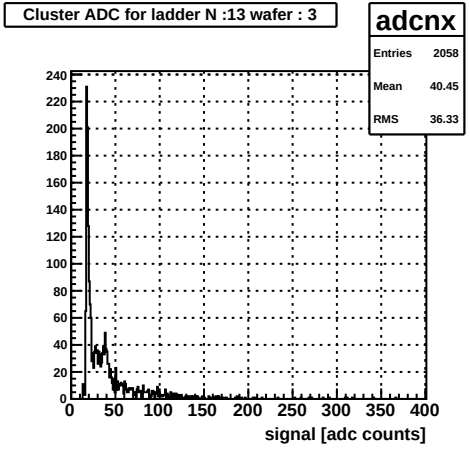

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 4314
Mean 29.96
RMS 29.4
signal [adc counts]

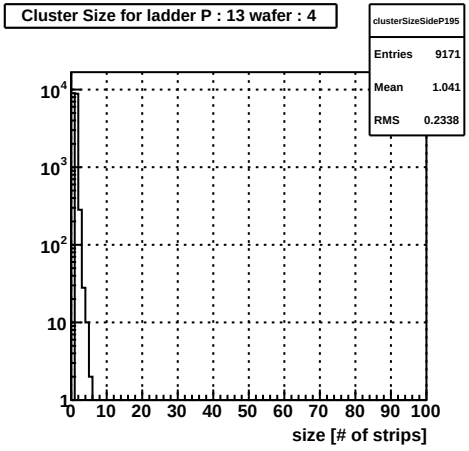

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 13142
Mean 1.043
RMS 0.2117
size [# of strips]

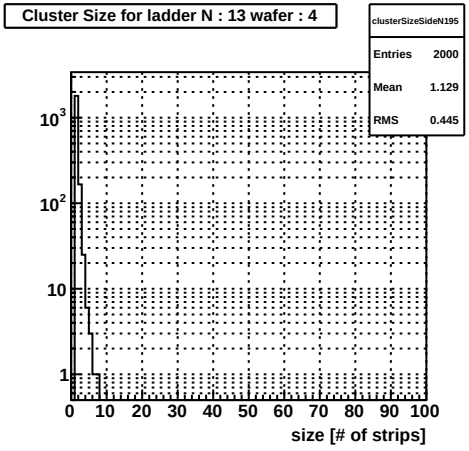

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 2058
Mean 1.533
RMS 0.9543
size [# of strips]

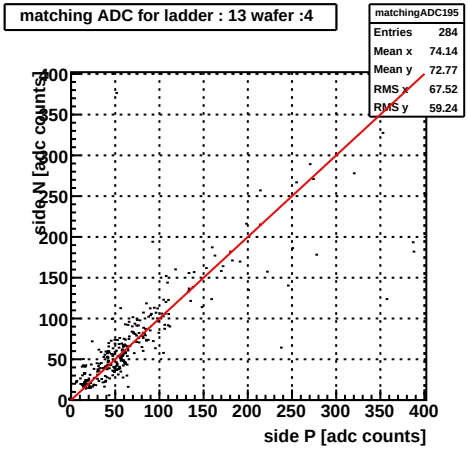

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 203
Mean x 29.35
Mean y 49.06
RMS x 28.58
RMS y 46.13
side N [adc counts]
side P [adc counts]

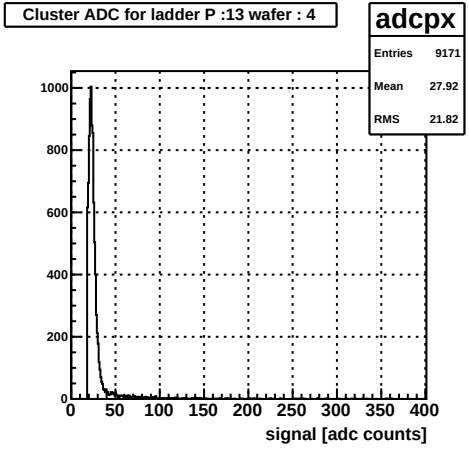

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 13142
Mean 27.91
RMS 10.75
signal [adc counts]

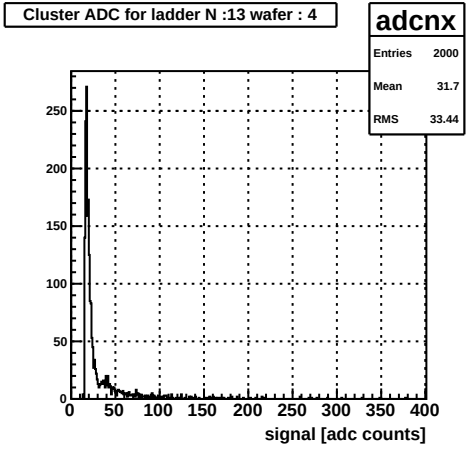

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 2058
Mean 40.45
RMS 36.33
signal [adc counts]

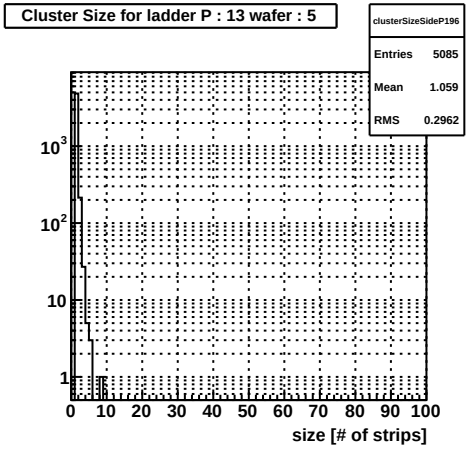

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 9171
Mean 1.041
RMS 0.2338
size [# of strips]

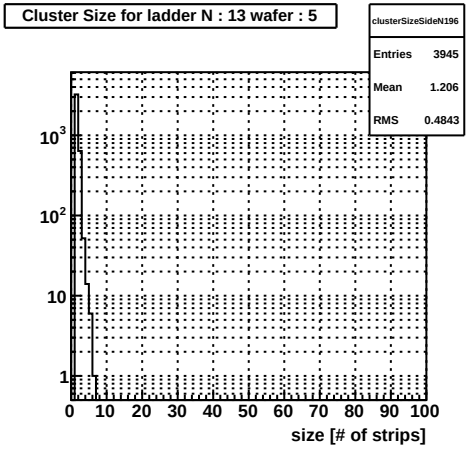

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 2000
Mean 1.129
RMS 0.445
size [# of strips]

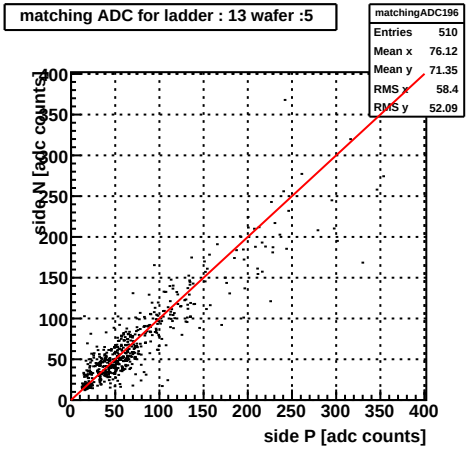

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 284
Mean x 74.14
Mean y 72.77
RMS x 67.52
RMS y 59.24
side N [adc counts]
side P [adc counts]

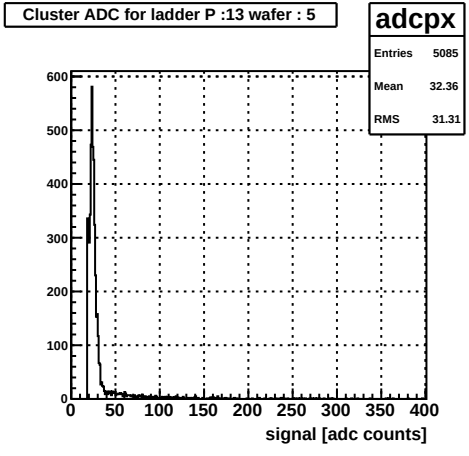

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 9171
Mean 27.92
RMS 21.82
signal [adc counts]

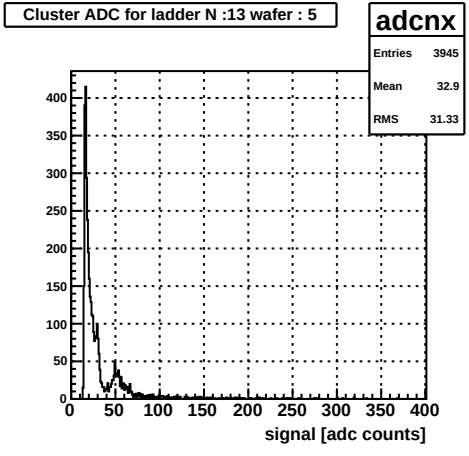

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 2000
Mean 31.7
RMS 33.44
signal [adc counts]

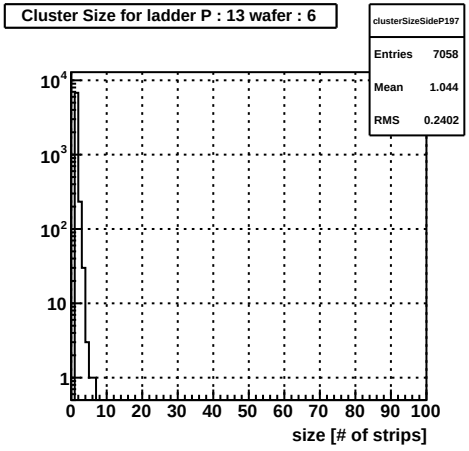

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 5085
Mean 1.059
RMS 0.2962
size [# of strips]

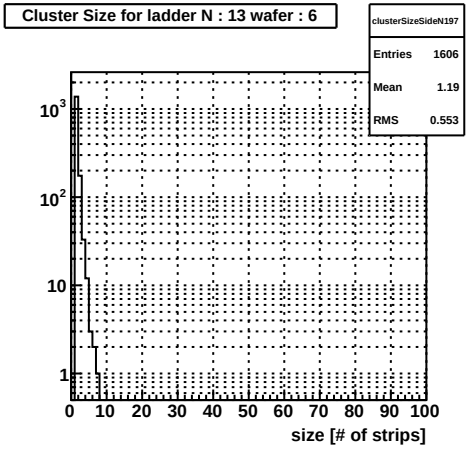

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 3945
Mean 1.206
RMS 0.4843
size [# of strips]

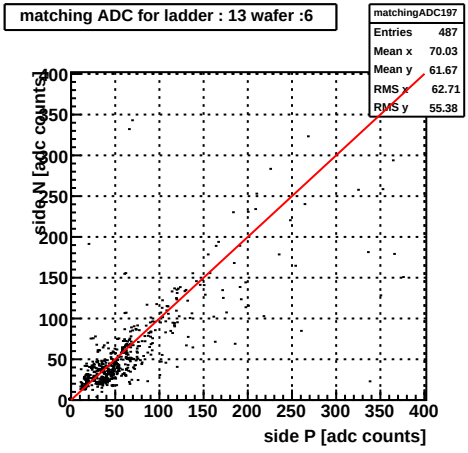

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 510
Mean x 76.12
Mean y 71.35
RMS x 58.4
RMS y 52.09
side N [adc counts]
side P [adc counts]

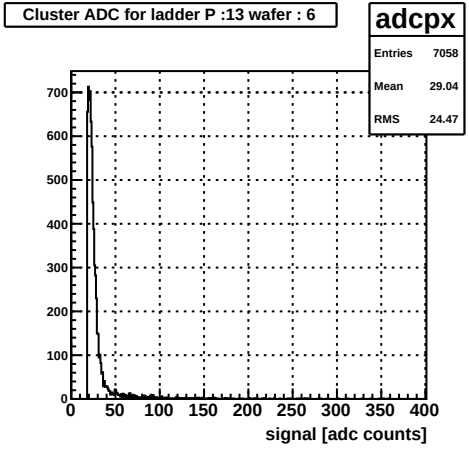

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 5085
Mean 32.36
RMS 31.31
signal [adc counts]

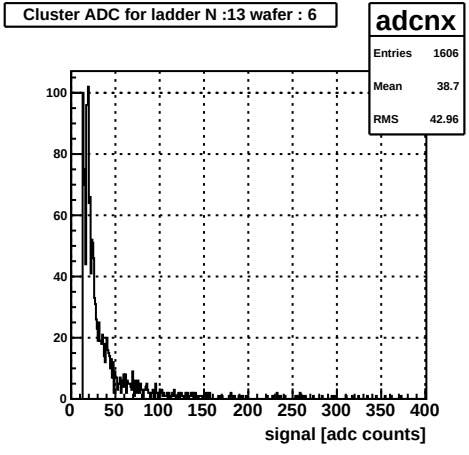

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 3945
Mean 32.9
RMS 31.33
signal [adc counts]

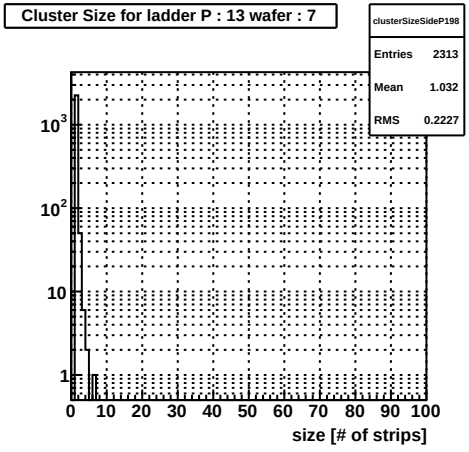

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 7058
Mean 1.044
RMS 0.2402
size [# of strips]

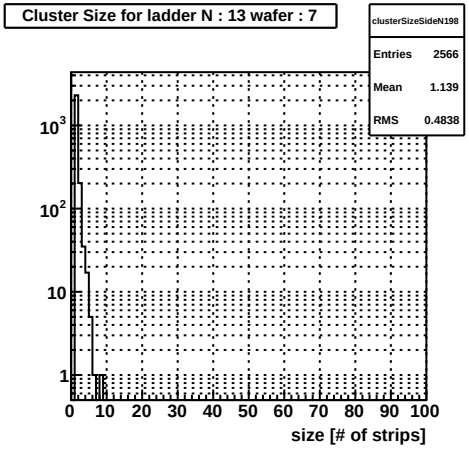

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 1606
Mean 1.19
RMS 0.553
size [# of strips]

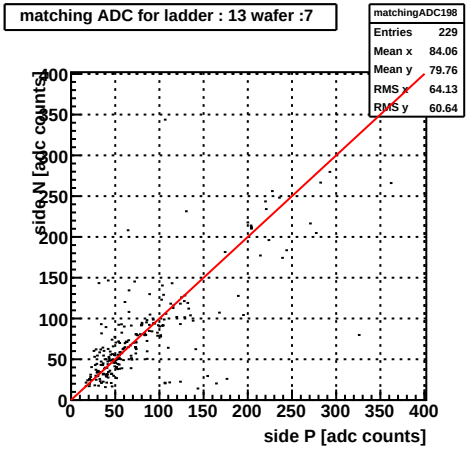

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 487
Mean x 70.03
Mean y 61.67
RMS x 62.71
RMS y 55.38
side N [adc counts]
side P [adc counts]

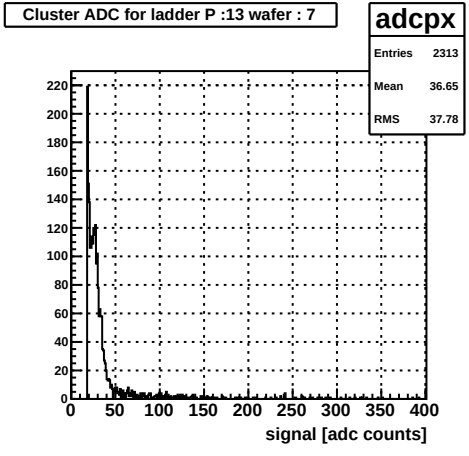

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 7058
Mean 29.04
RMS 24.47
signal [adc counts]

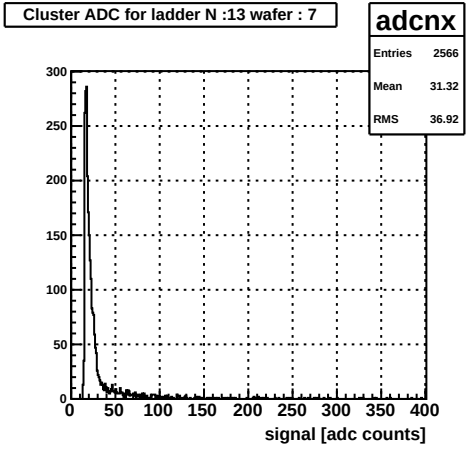

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 1606
Mean 38.7
RMS 42.96
signal [adc counts]

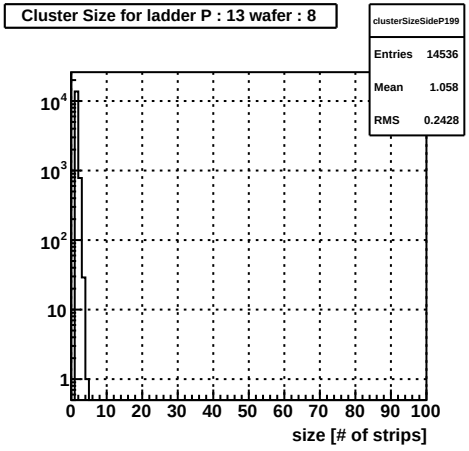

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 2313
Mean 1.032
RMS 0.2227
size [# of strips]

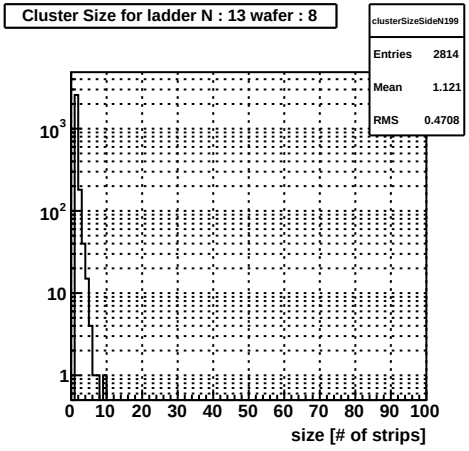

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 2566
Mean 1.139
RMS 0.4838
size [# of strips]

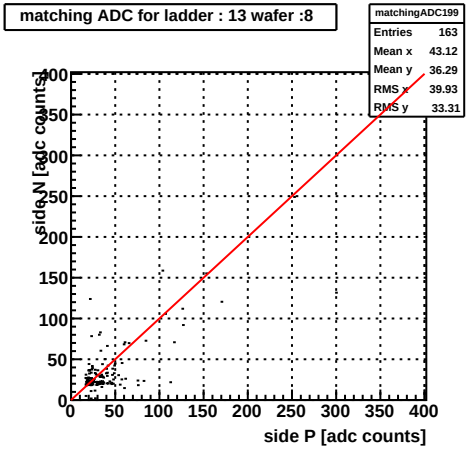

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 229
Mean x 84.06
Mean y 79.76
RMS x 64.13
RMS y 60.64
side N [adc counts]
side P [adc counts]

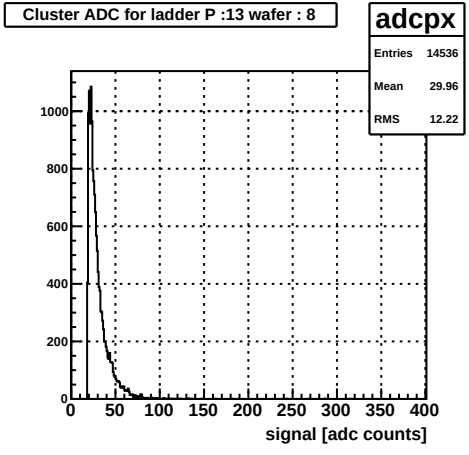

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 2313
Mean 36.65
RMS 37.78
signal [adc counts]

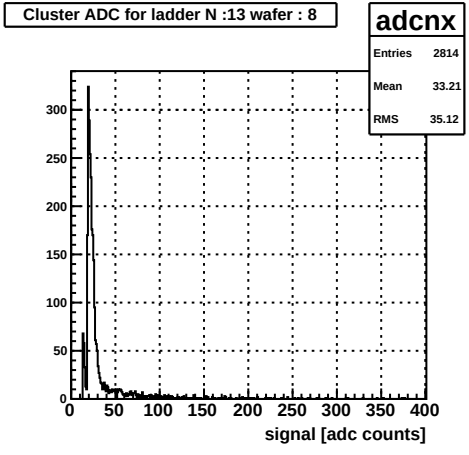

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 2566
Mean 31.32
RMS 36.92
signal [adc counts]

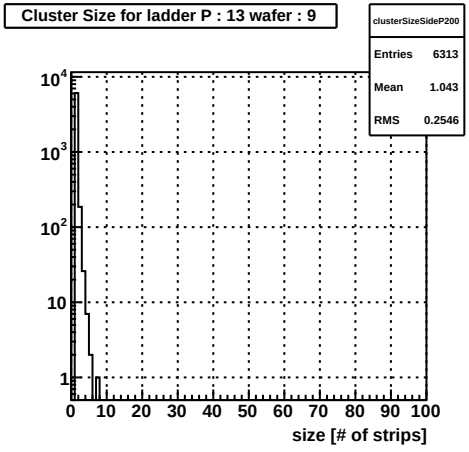

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 14536
Mean 1.058
RMS 0.2428
size [# of strips]

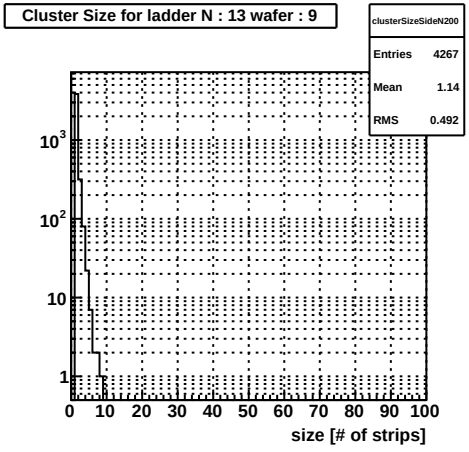

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 2814
Mean 1.121
RMS 0.4708
size [# of strips]

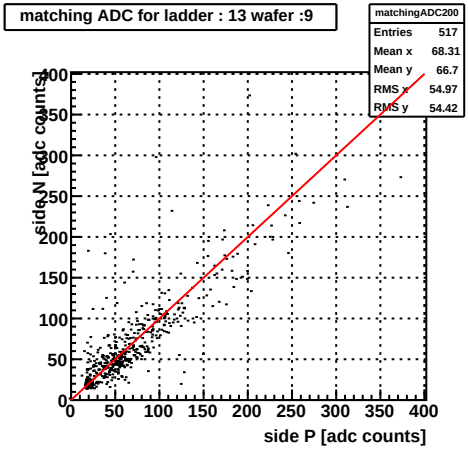

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 163
Mean x 43.12
Mean y 36.29
RMS x 39.93
RMS y 33.31
side N [adc counts]
side P [adc counts]

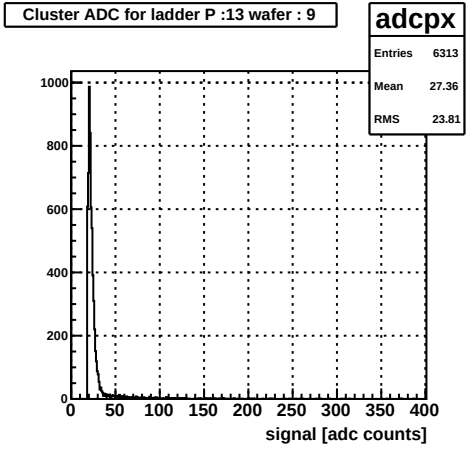

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 14536
Mean 29.96
RMS 12.22
signal [adc counts]

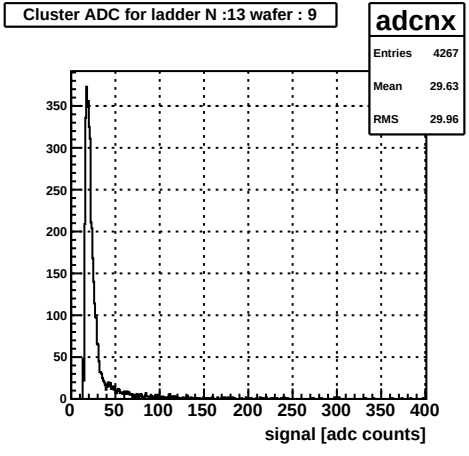

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 2814
Mean 33.21
RMS 35.12
signal [adc counts]

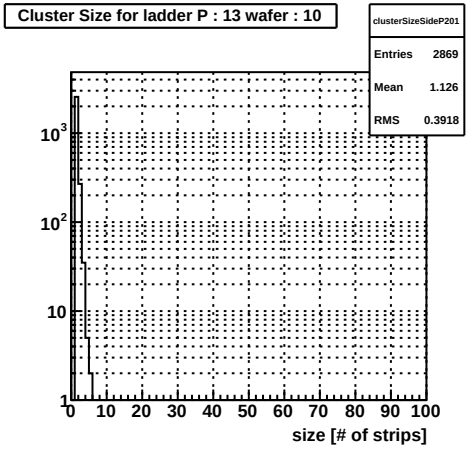

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 6313
Mean 1.043
RMS 0.2546
size [# of strips]

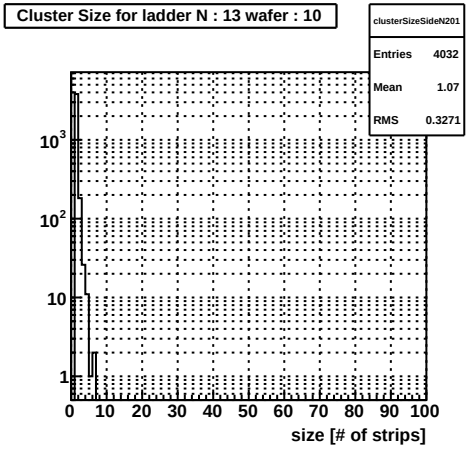

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 4267
Mean 1.14
RMS 0.492
size [# of strips]

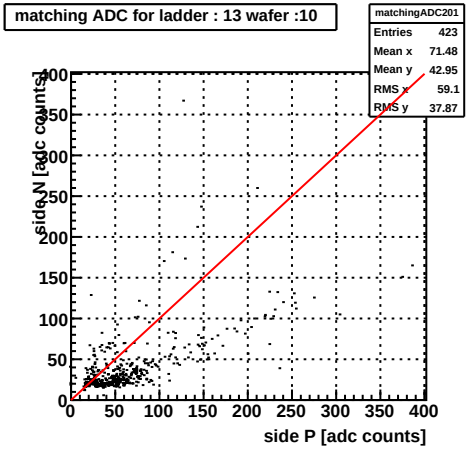

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 517
Mean x 68.31
Mean y 66.7
RMS x 54.97
RMS y 54.42
side N [adc counts]
side P [adc counts]

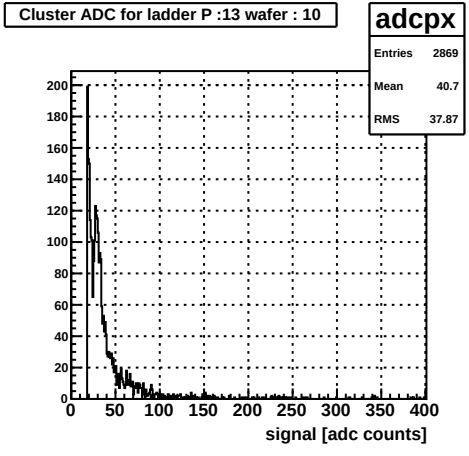

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 6313
Mean 27.36
RMS 23.81
signal [adc counts]

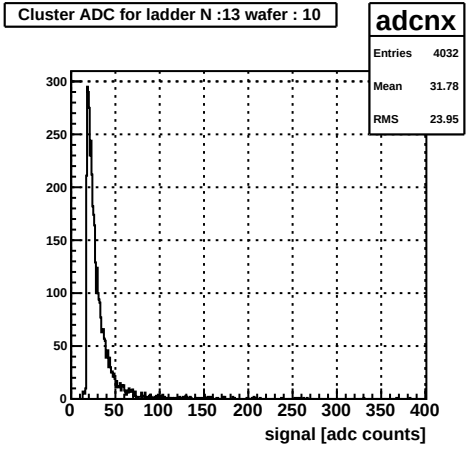

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 4267
Mean 29.63
RMS 29.96
signal [adc counts]

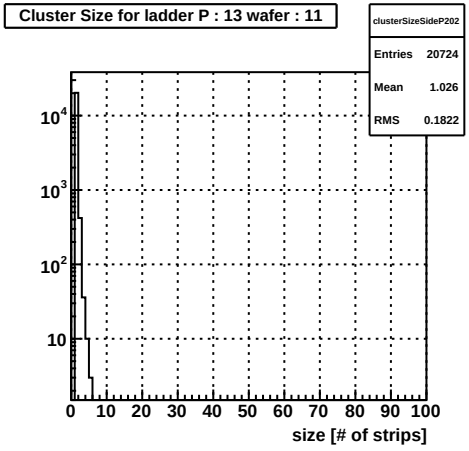

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 2869
Mean 1.126
RMS 0.3918
size [# of strips]

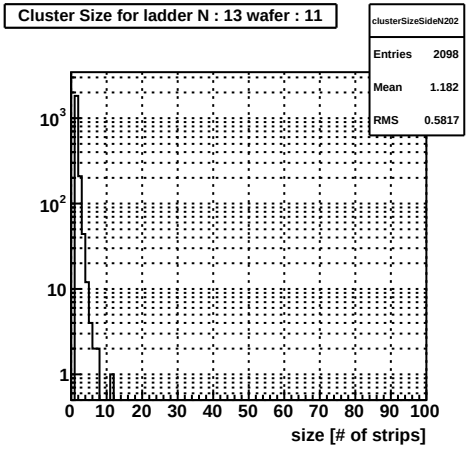

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 4032
Mean 1.07
RMS 0.3271
size [# of strips]

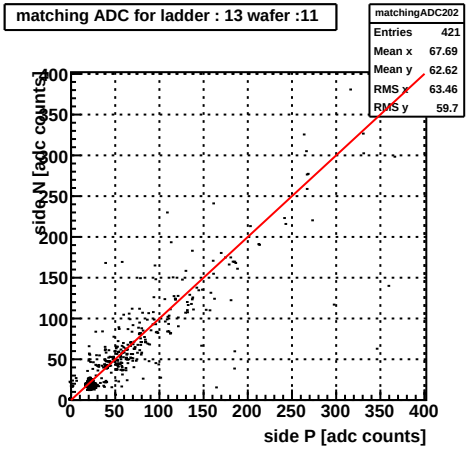

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 423
Mean x 71.48
Mean y 42.95
RMS x 59.1
RMS y 37.87
side N [adc counts]
side P [adc counts]

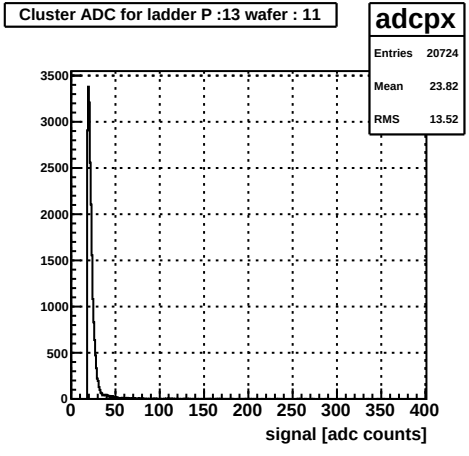

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 2869
Mean 40.7
RMS 37.87
signal [adc counts]

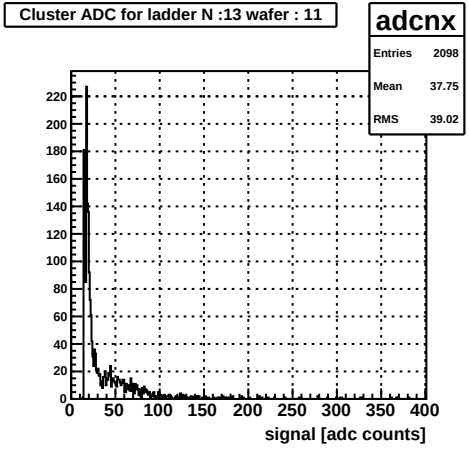

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 4032
Mean 31.78
RMS 23.95
signal [adc counts]

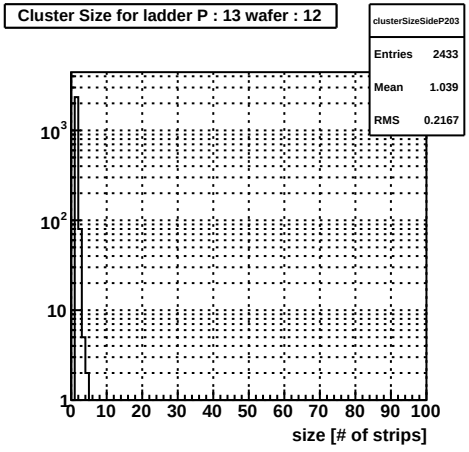

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 20724
Mean 1.026
RMS 0.1822
size [# of strips]

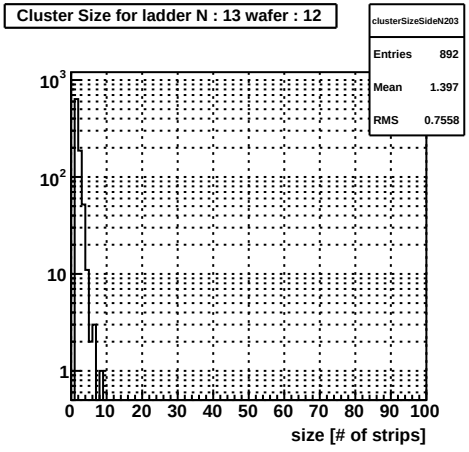

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 2098
Mean 1.182
RMS 0.5817
size [# of strips]

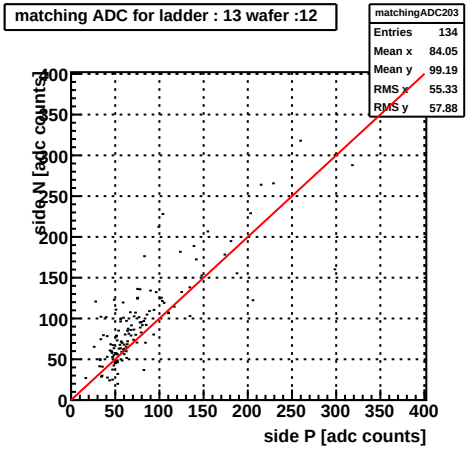

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 421
Mean x 67.69
Mean y 62.62
RMS x 63.46
RMS y 59.7
side N [adc counts]
side P [adc counts]

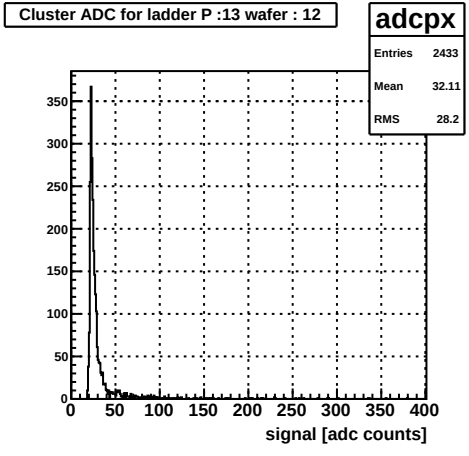

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 20724
Mean 23.82
RMS 13.52
signal [adc counts]

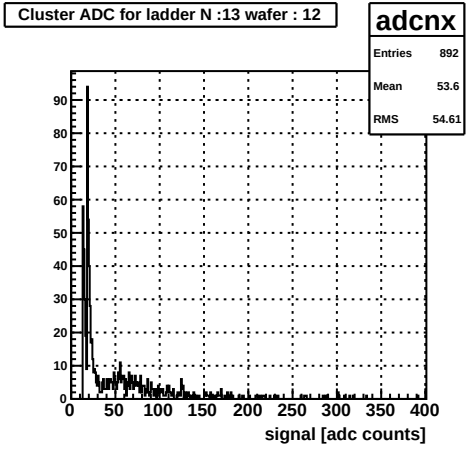

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 2098
Mean 37.75
RMS 39.02
signal [adc counts]

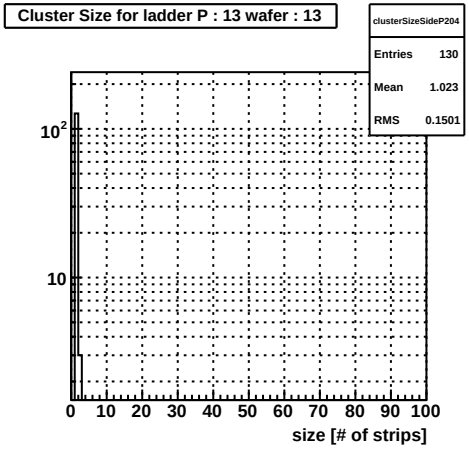

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 2433
Mean 1.039
RMS 0.2167
size [# of strips]

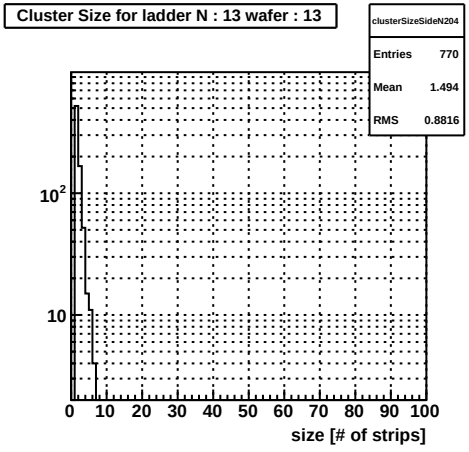

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 892
Mean 1.397
RMS 0.7558
size [# of strips]

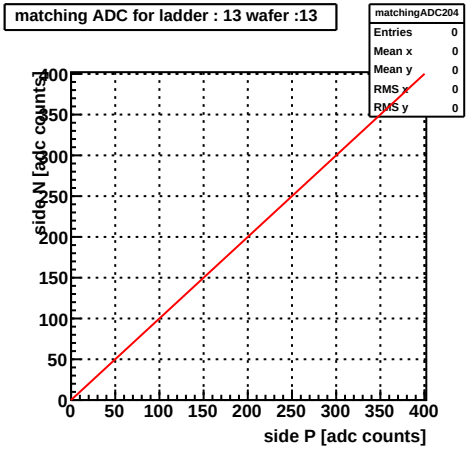

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 134
Mean x 84.05
Mean y 99.19
RMS x 55.33
RMS y 57.88
side N [adc counts]
side P [adc counts]

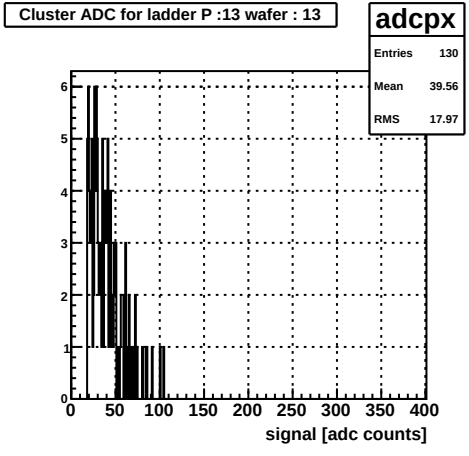

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 2433
Mean 32.11
RMS 28.2
signal [adc counts]

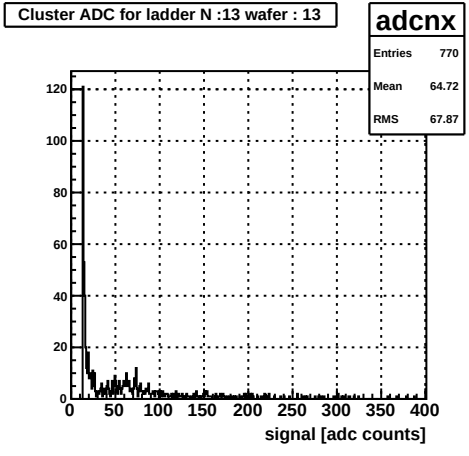

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 892
Mean 53.6
RMS 54.61
signal [adc counts]

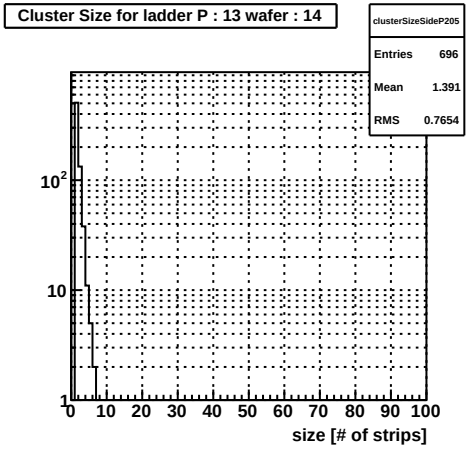

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 130
Mean 1.023
RMS 0.1501
size [# of strips]

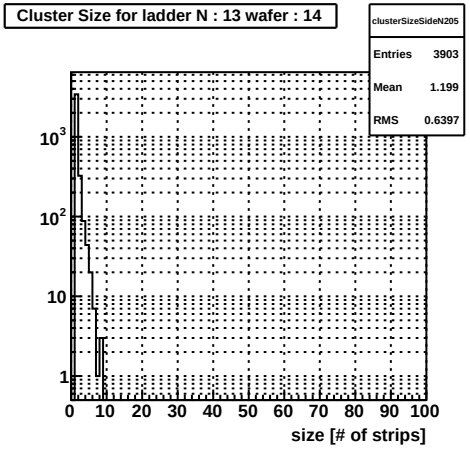

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 770
Mean 1.494
RMS 0.8816
size [# of strips]

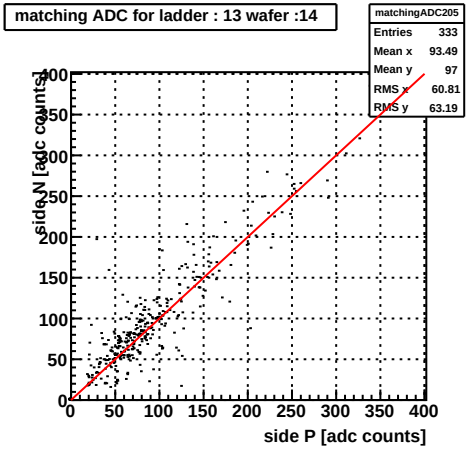

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

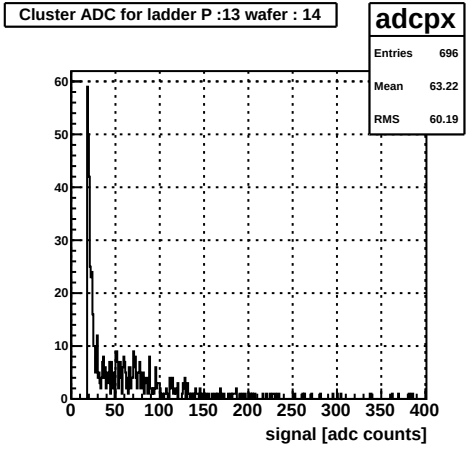

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 130
Mean 39.56
RMS 17.97
signal [adc counts]

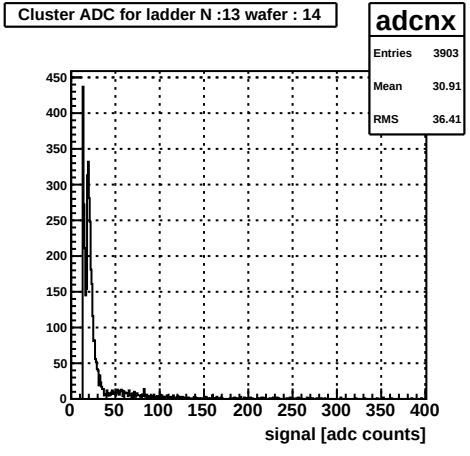

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 770
Mean 64.72
RMS 67.87
signal [adc counts]

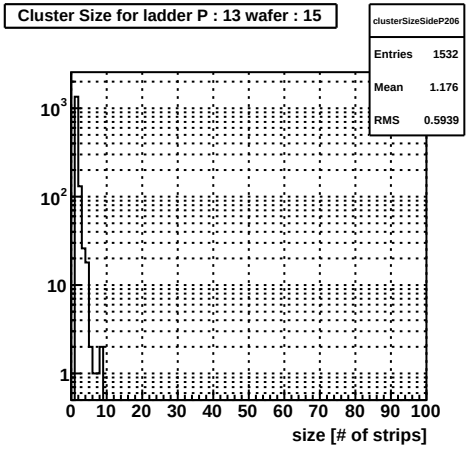

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 696
Mean 1.391
RMS 0.7654
size [# of strips]

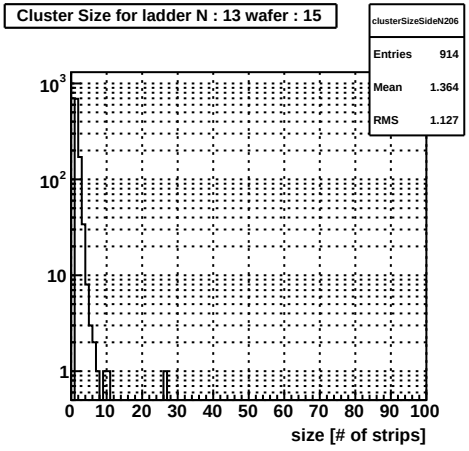

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 3903
Mean 1.199
RMS 0.6397
size [# of strips]

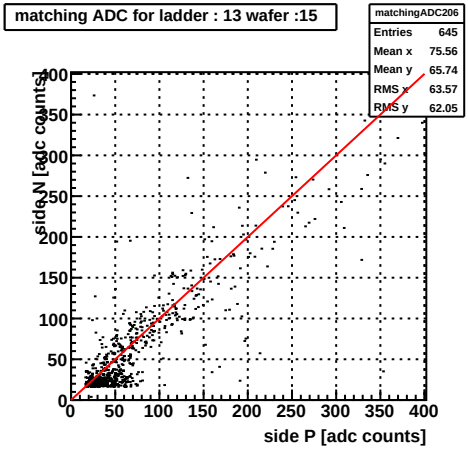

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 333
Mean x 93.49
Mean y 97
RMS x 60.81
RMS y 63.19
side N [adc counts]
side P [adc counts]

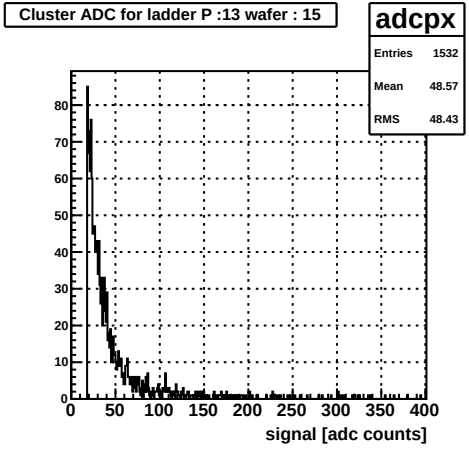

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 696
Mean 63.22
RMS 60.19
signal [adc counts]

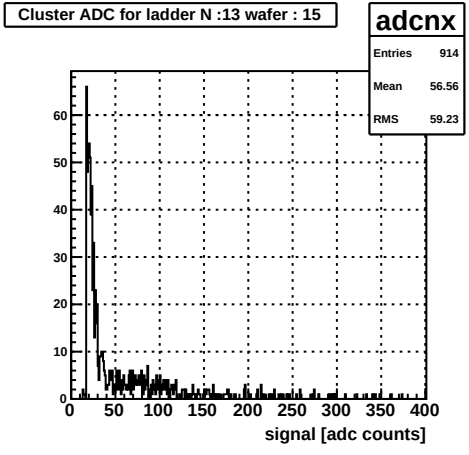

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 3903
Mean 30.91
RMS 36.41
signal [adc counts]

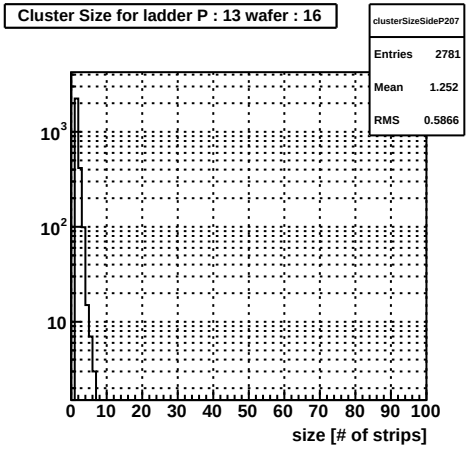

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 1532
Mean 1.176
RMS 0.5939
size [# of strips]

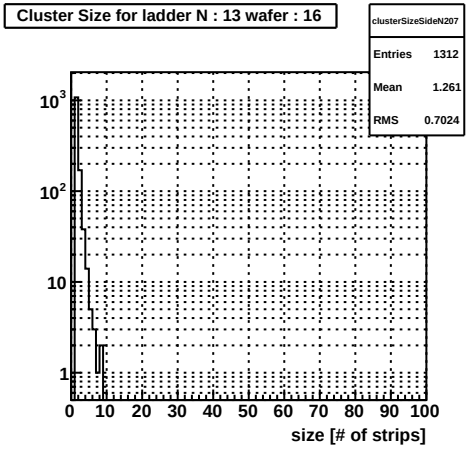

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 914
Mean 1.364
RMS 1.127
size [# of strips]

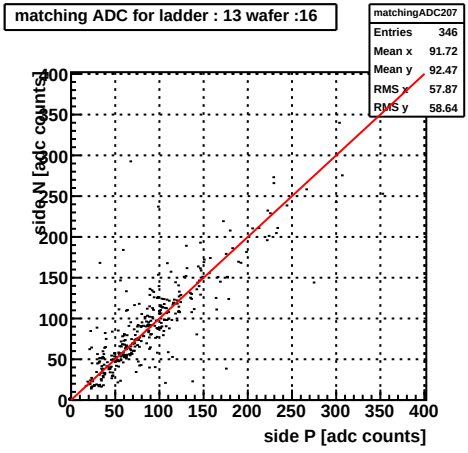

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 645
Mean x 75.56
Mean y 65.74
RMS x 63.57
RMS y 62.05
side N [adc counts]
side P [adc counts]

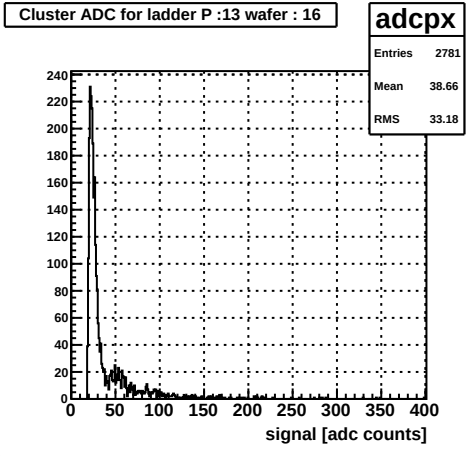

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 1532
Mean 48.57
RMS 48.43
signal [adc counts]

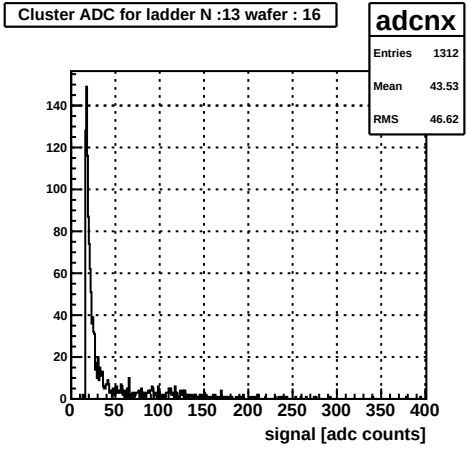

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 914
Mean 56.56
RMS 59.23
signal [adc counts]

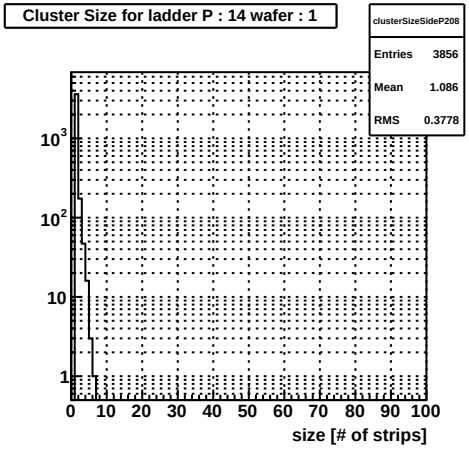

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 2781
Mean 1.252
RMS 0.5866
size [# of strips]

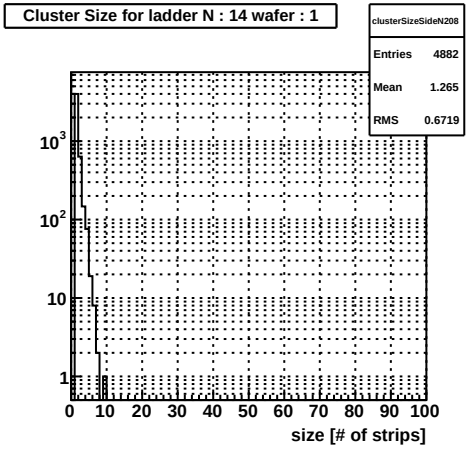

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 1312
Mean 1.261
RMS 0.7024
size [# of strips]

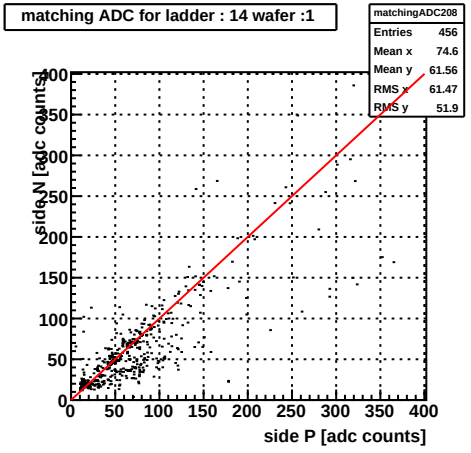

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 346
Mean x 91.72
Mean y 92.47
RMS x 57.87
RMS y 58.64
side N [adc counts]
side P [adc counts]

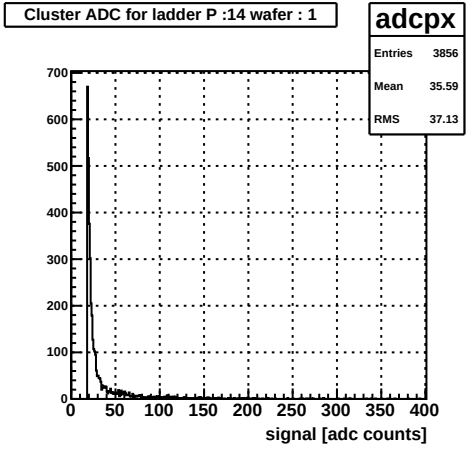

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 2781
Mean 38.66
RMS 33.18
signal [adc counts]

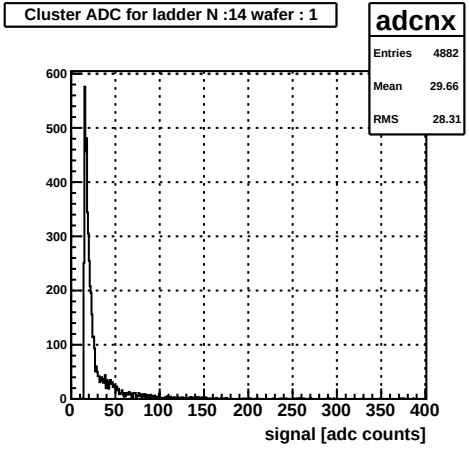

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 1312
Mean 43.53
RMS 46.62
signal [adc counts]

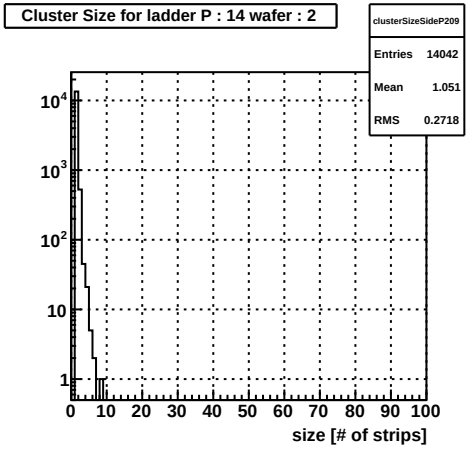

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 3856
Mean 1.086
RMS 0.3778
size [# of strips]

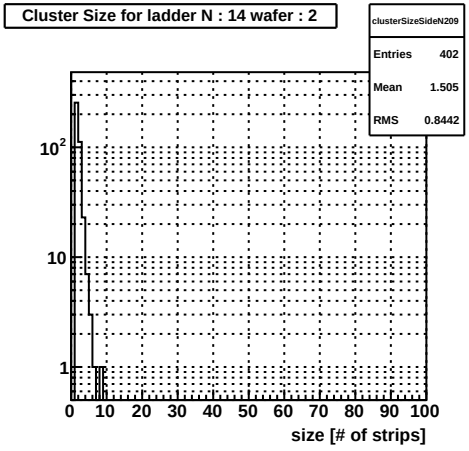

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 4882
Mean 1.265
RMS 0.6719
size [# of strips]

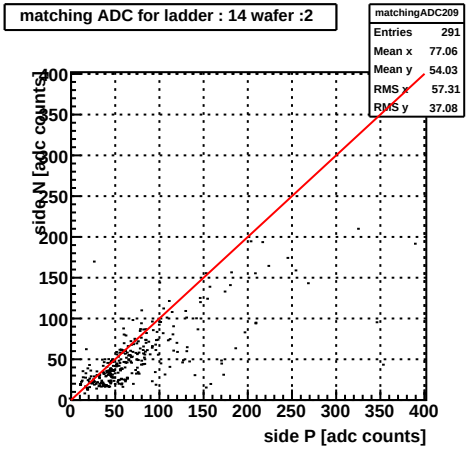

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 456
Mean x 74.6
Mean y 61.56
RMS x 61.47
RMS y 51.9
side N [adc counts]
side P [adc counts]

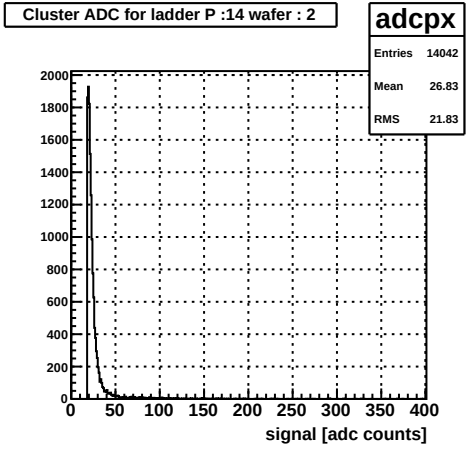

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 3856
Mean 35.59
RMS 37.13
signal [adc counts]

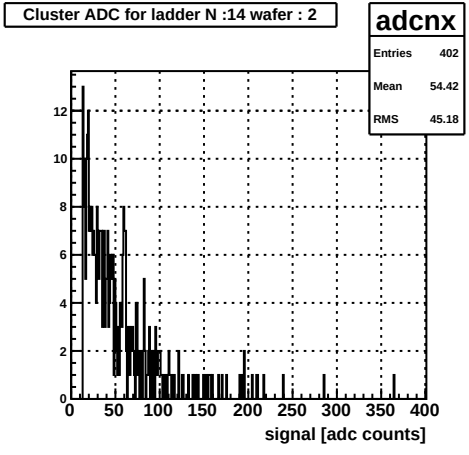

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 4882
Mean 29.66
RMS 28.31
signal [adc counts]

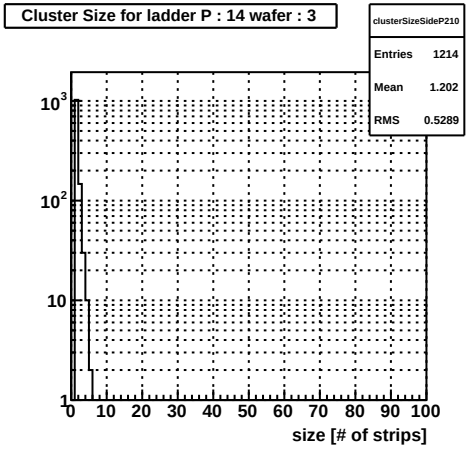

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 14042
Mean 1.051
RMS 0.2718
size [# of strips]

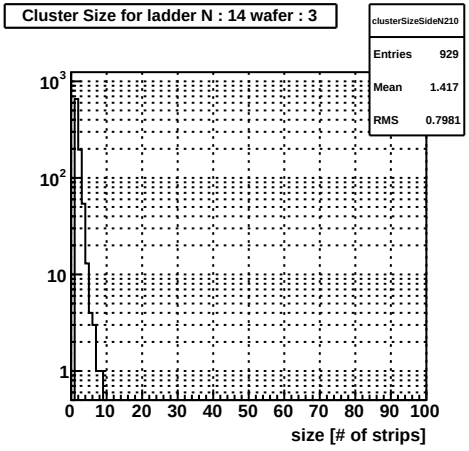

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 402
Mean 1.505
RMS 0.8442
size [# of strips]

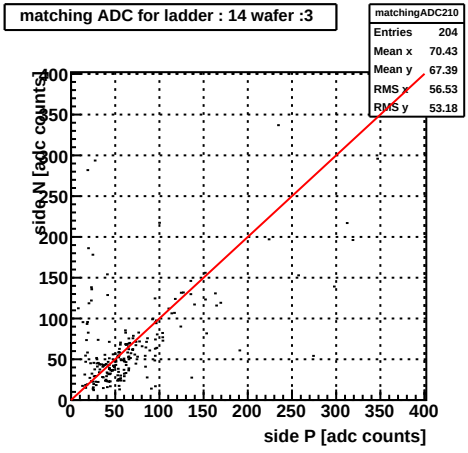

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 291
Mean x 77.06
Mean y 54.03
RMS x 57.31
RMS y 37.08
side N [adc counts]
side P [adc counts]

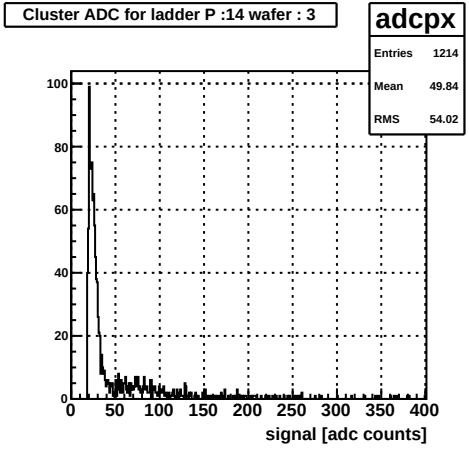

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 14042
Mean 26.83
RMS 21.83
signal [adc counts]

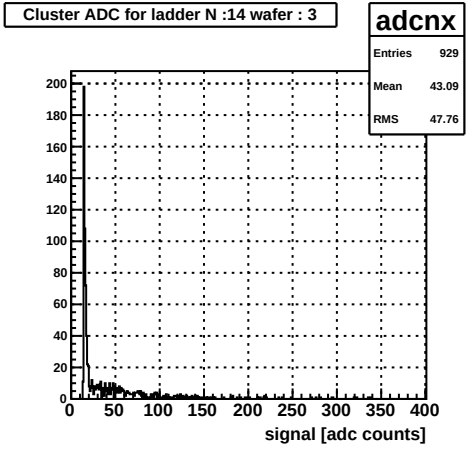

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 402
Mean 54.42
RMS 45.18
signal [adc counts]

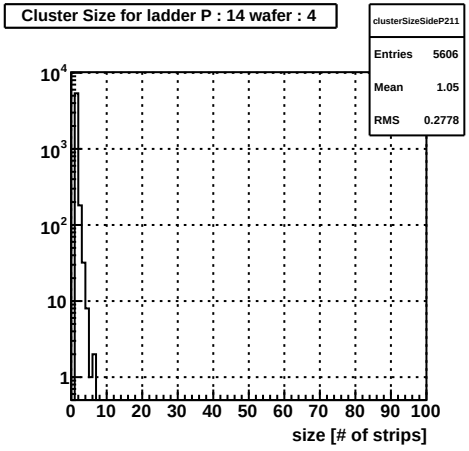

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 1214
Mean 1.202
RMS 0.5289
size [# of strips]

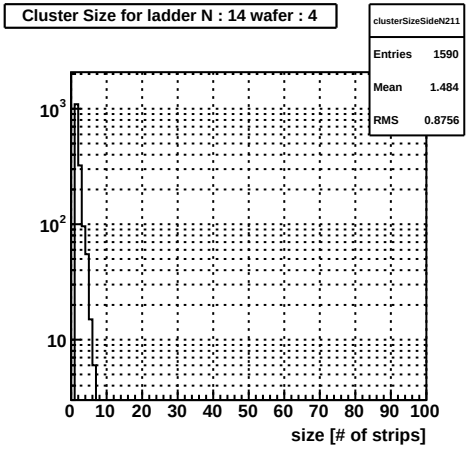

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 929
Mean 1.417
RMS 0.7981
size [# of strips]

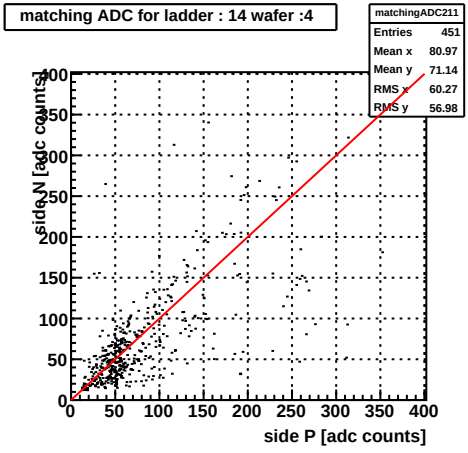

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 204
Mean x 70.43
Mean y 67.39
RMS x 56.53
RMS y 53.18
side N [adc counts]
side P [adc counts]

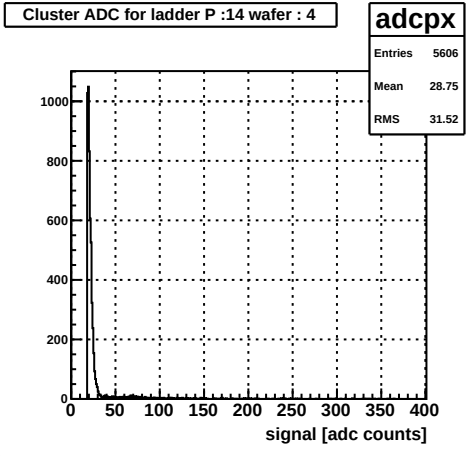

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 1214
Mean 49.84
RMS 54.02
signal [adc counts]

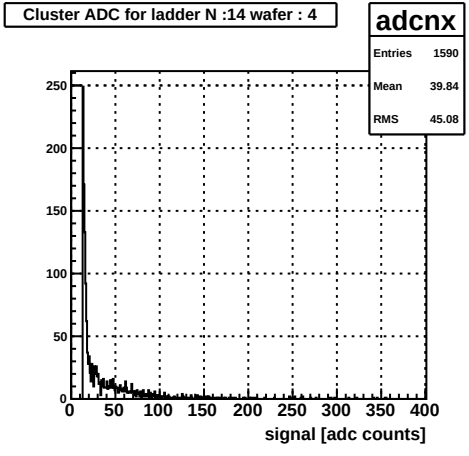

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 929
Mean 43.09
RMS 47.76
signal [adc counts]

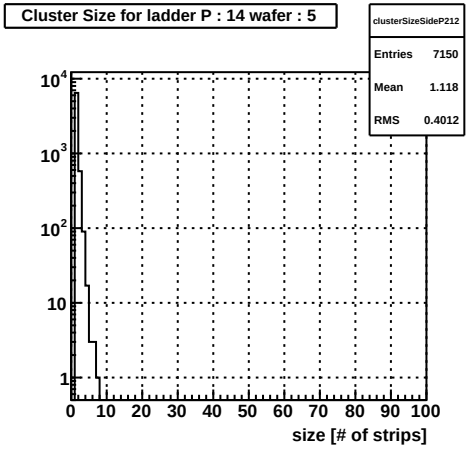

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 5606
Mean 1.05
RMS 0.2778
size [# of strips]

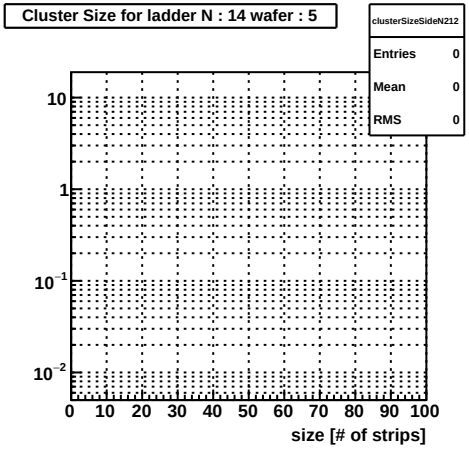

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 1590
Mean 1.484
RMS 0.8756
size [# of strips]

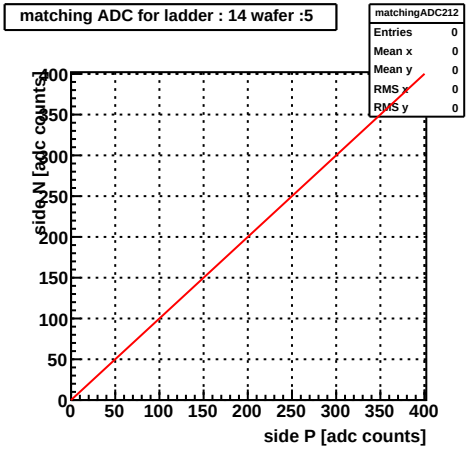

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 451
Mean x 80.97
Mean y 71.14
RMS x 60.27
RMS y 56.98
side N [adc counts]
side P [adc counts]

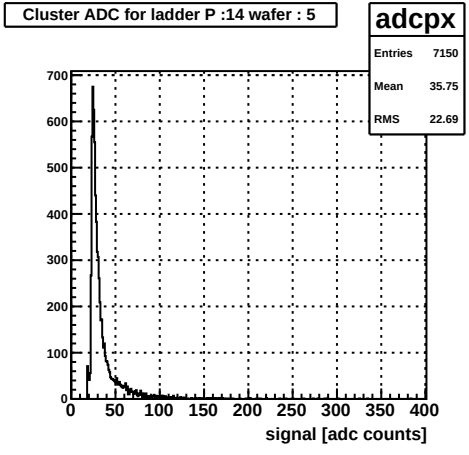

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 5606
Mean 28.75
RMS 31.52
signal [adc counts]

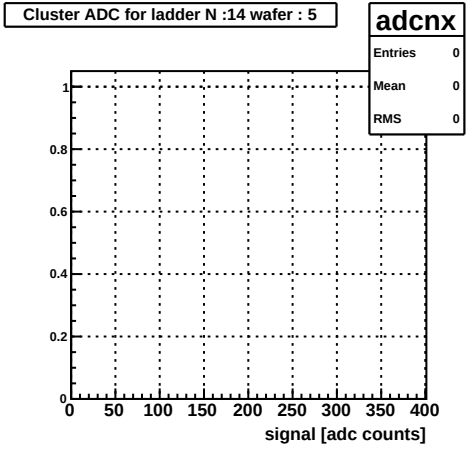

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 1590
Mean 39.84
RMS 45.08
signal [adc counts]

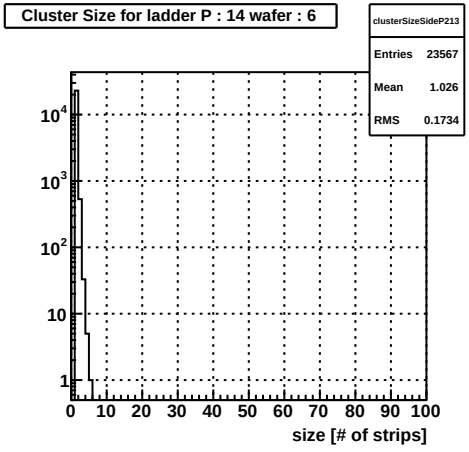

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 7150
Mean 1.118
RMS 0.4012
size [# of strips]

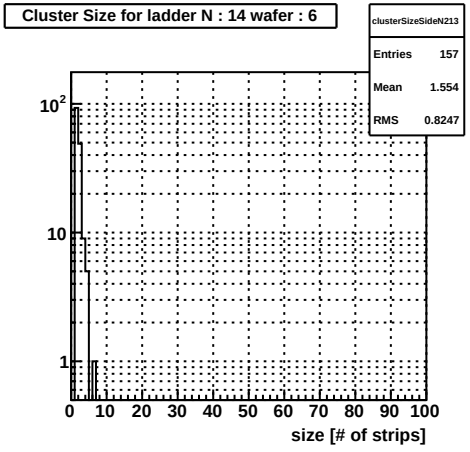

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

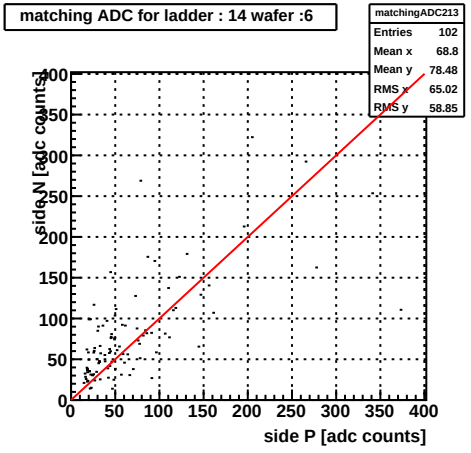

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

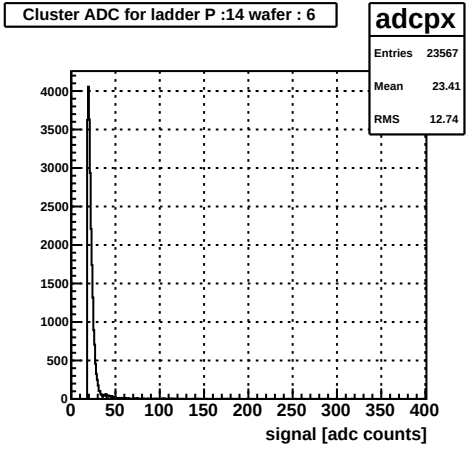

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 7150
Mean 35.75
RMS 22.69
signal [adc counts]

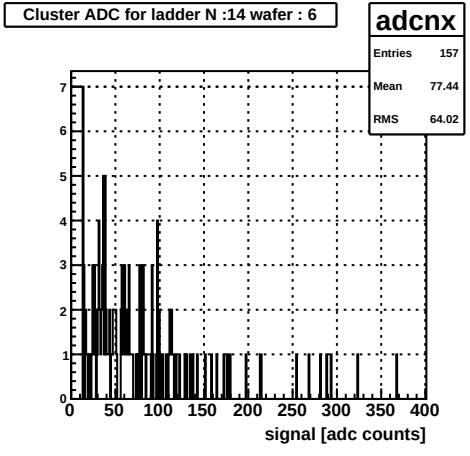

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

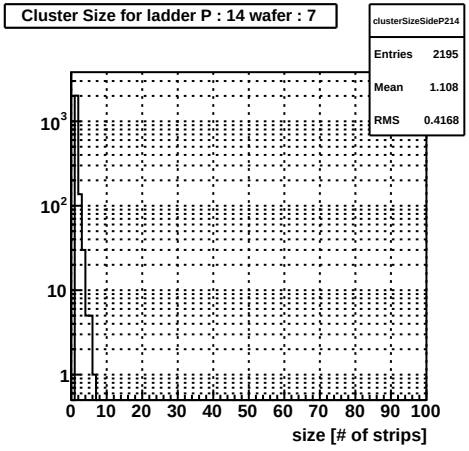

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 23567
Mean 1.026
RMS 0.1734
size [# of strips]

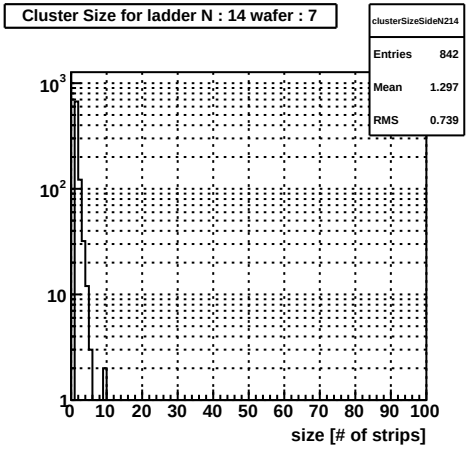

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 157
Mean 1.554
RMS 0.8247
size [# of strips]

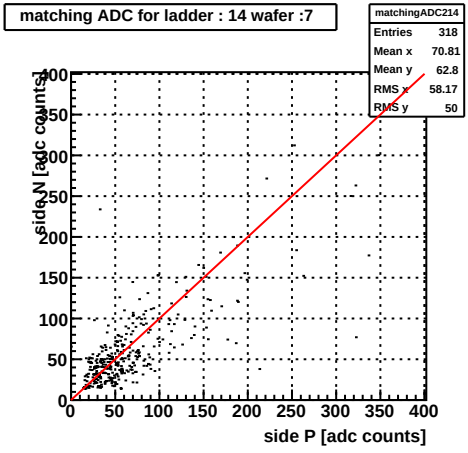

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 102
Mean x 68.8
Mean y 78.48
RMS x 65.02
RMS y 58.85
side N [adc counts]
side P [adc counts]

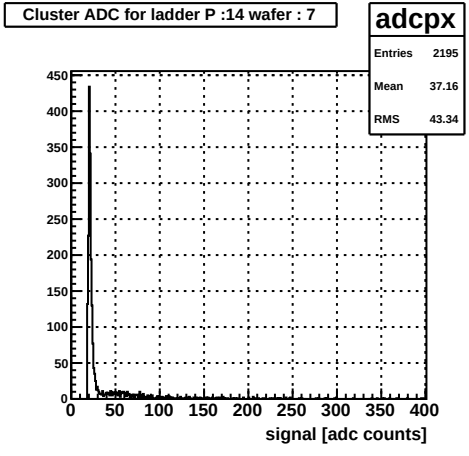

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 23567
Mean 23.41
RMS 12.74
signal [adc counts]

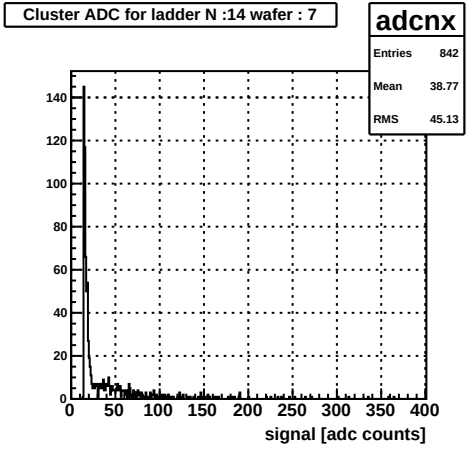

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 157
Mean 77.44
RMS 64.02
signal [adc counts]

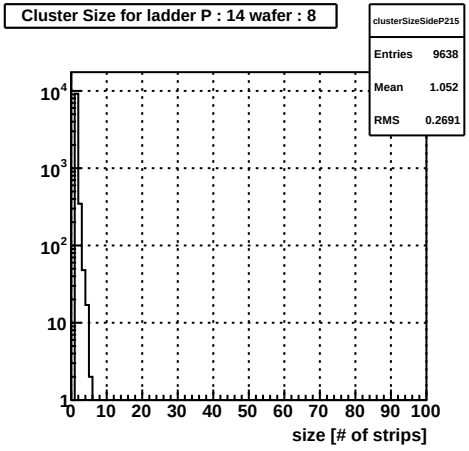

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 2195
Mean 1.108
RMS 0.4168
size [# of strips]

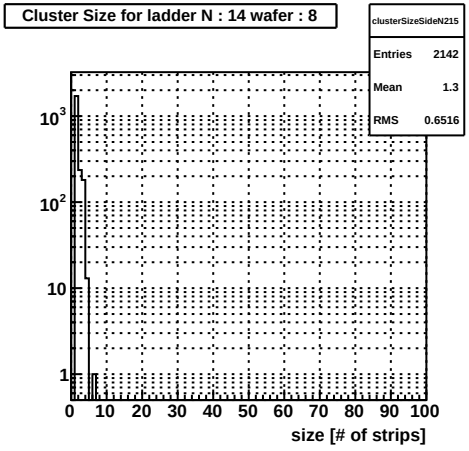

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 842
Mean 1.297
RMS 0.739
size [# of strips]

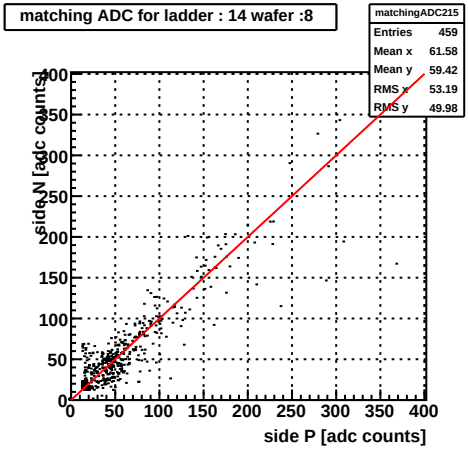

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 318
Mean x 70.81
Mean y 62.8
RMS x 58.17
RMS y 50
side N [adc counts]
side P [adc counts]

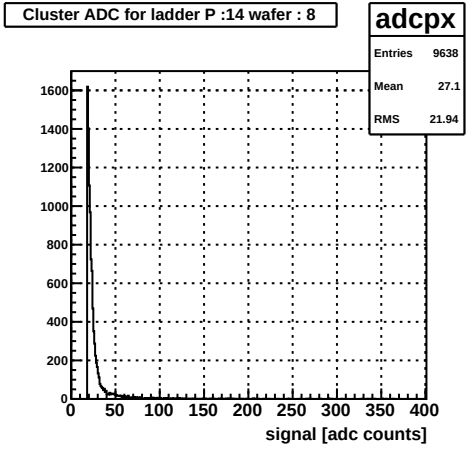

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 2195
Mean 37.16
RMS 43.34
signal [adc counts]

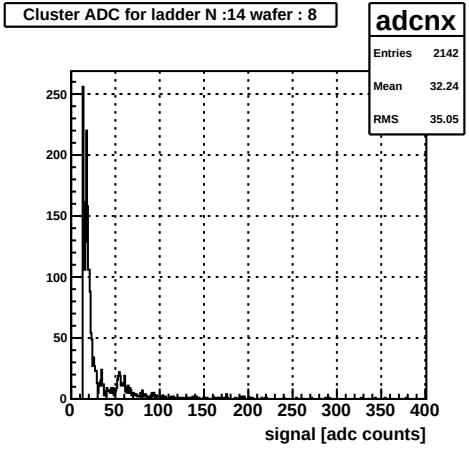

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 842
Mean 38.77
RMS 45.13
signal [adc counts]

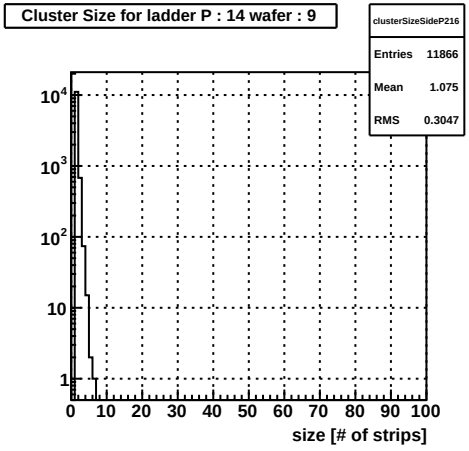

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 9638
Mean 1.052
RMS 0.2691
size [# of strips]

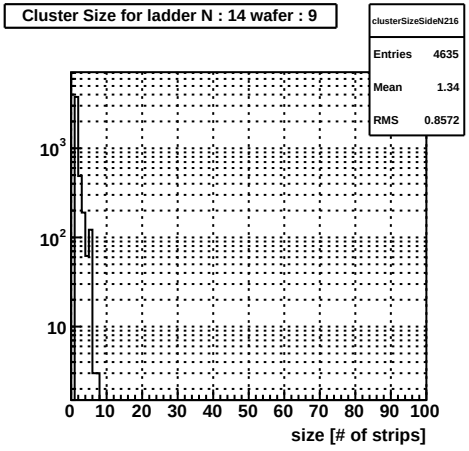

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 2142
Mean 1.3
RMS 0.6516
size [# of strips]

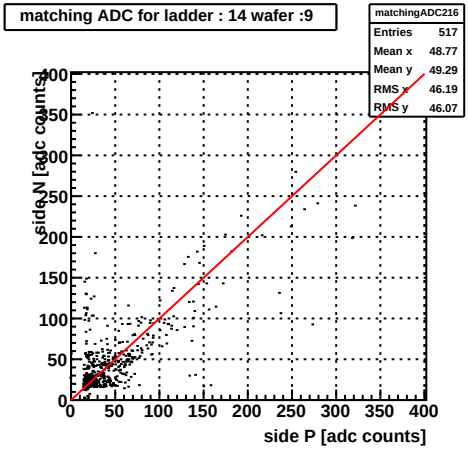

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 459
Mean x 61.58
Mean y 59.42
RMS x 53.19
RMS y 49.98
side N [adc counts]
side P [adc counts]

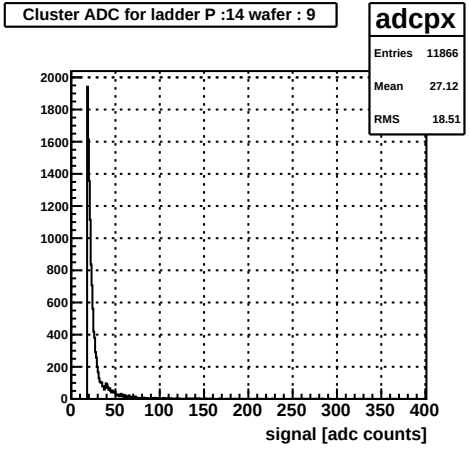

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 9638
Mean 27.1
RMS 21.94
signal [adc counts]

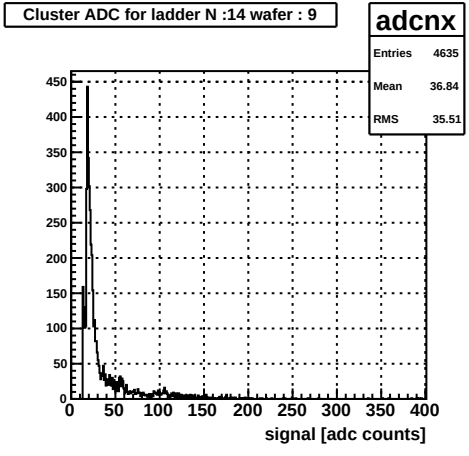

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 2142
Mean 32.24
RMS 35.05
signal [adc counts]

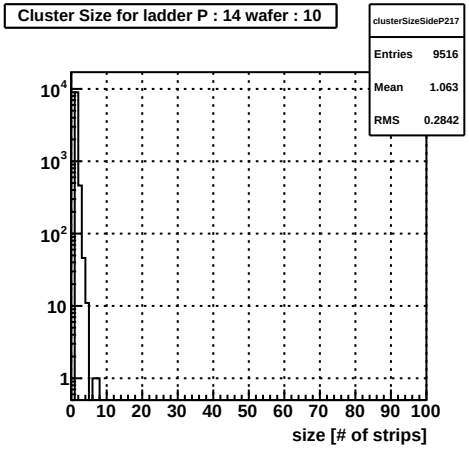

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 11866
Mean 1.075
RMS 0.3047
size [# of strips]

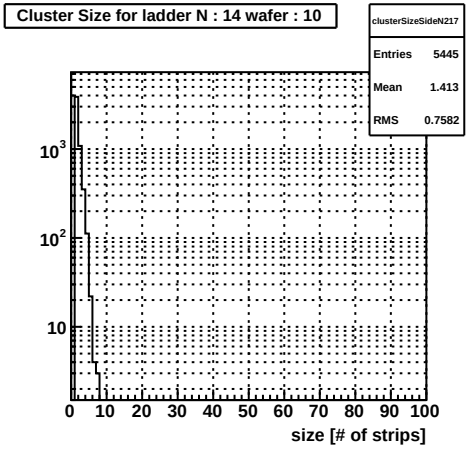

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 4635
Mean 1.34
RMS 0.8572
size [# of strips]

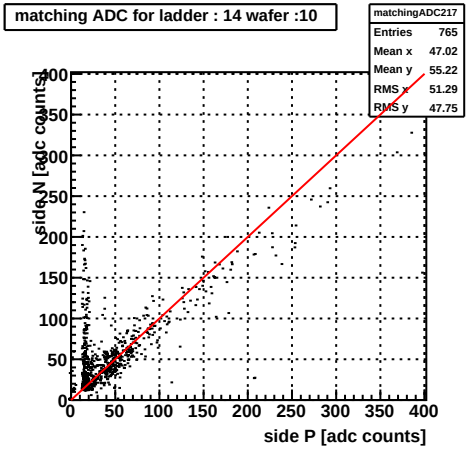

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 517
Mean x 48.77
Mean y 49.29
RMS x 46.19
RMS y 46.07
side N [adc counts]
side P [adc counts]

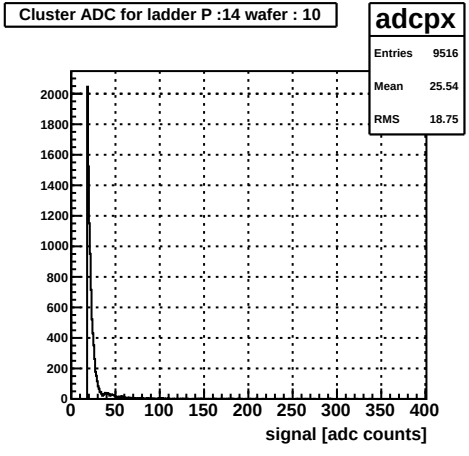

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 11866
Mean 27.12
RMS 18.51
signal [adc counts]

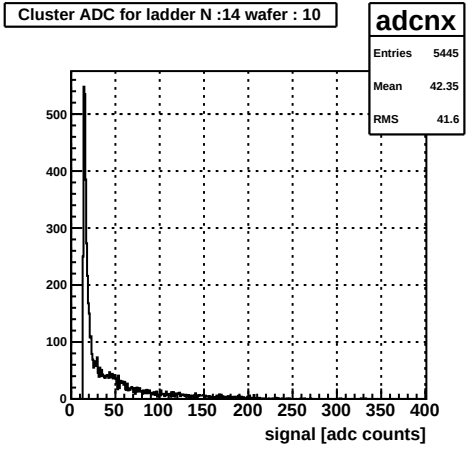

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 4635
Mean 36.84
RMS 35.51
signal [adc counts]

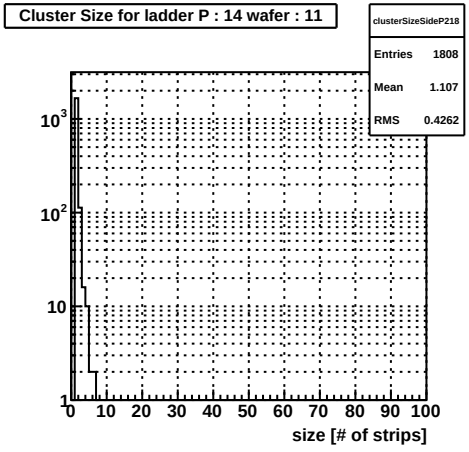

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 9516
Mean 1.063
RMS 0.2842
size [# of strips]

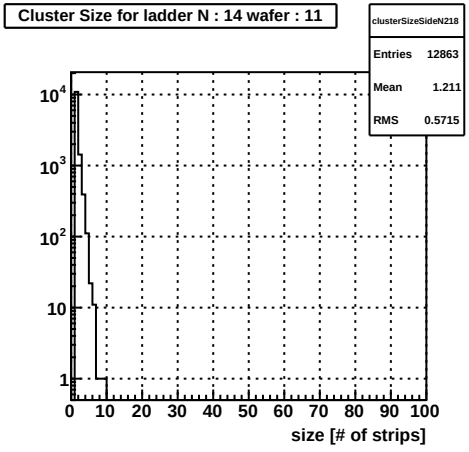

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 5445
Mean 1.413
RMS 0.7582
size [# of strips]

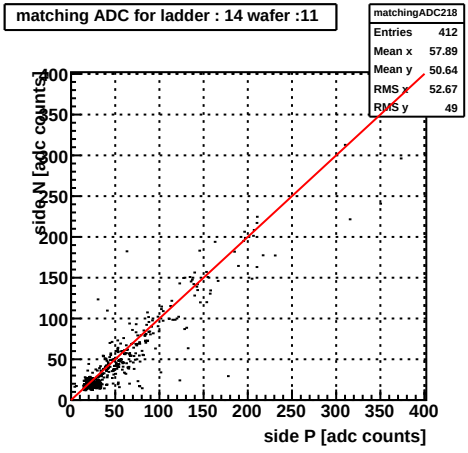

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 765
Mean x 47.02
Mean y 55.22
RMS x 51.29
RMS y 47.75
side N [adc counts]
side P [adc counts]

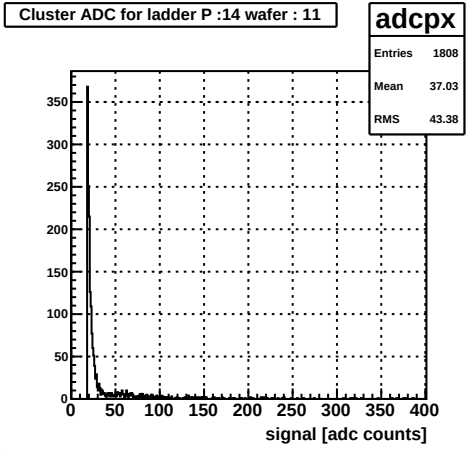

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 9516
Mean 25.54
RMS 18.75
signal [adc counts]

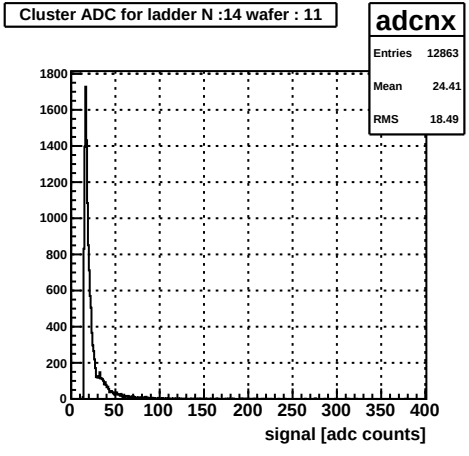

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 5445
Mean 42.35
RMS 41.6
signal [adc counts]

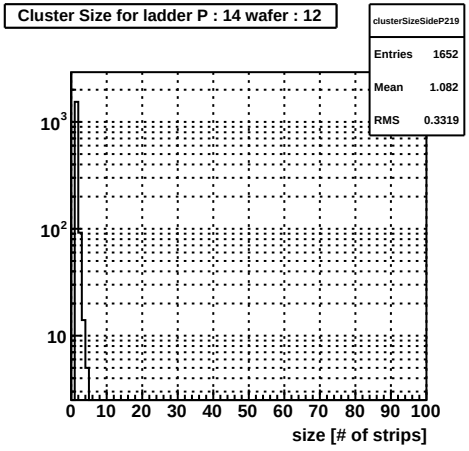

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 1808
Mean 1.107
RMS 0.4262
size [# of strips]

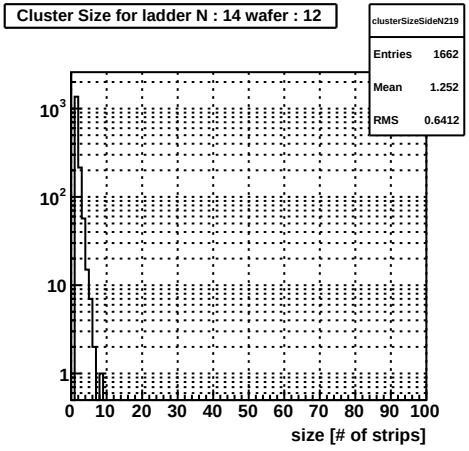

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 12863
Mean 1.211
RMS 0.5715
size [# of strips]

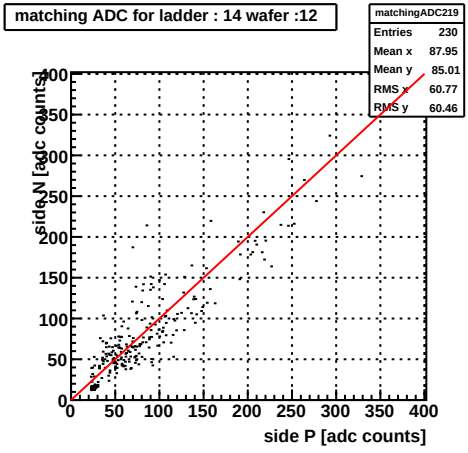

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 412
Mean x 57.89
Mean y 50.64
RMS x 52.67
RMS y 49
side N [adc counts]
side P [adc counts]

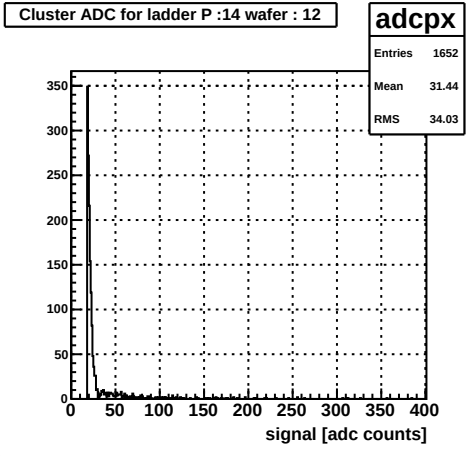

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 1808
Mean 37.03
RMS 43.38
signal [adc counts]

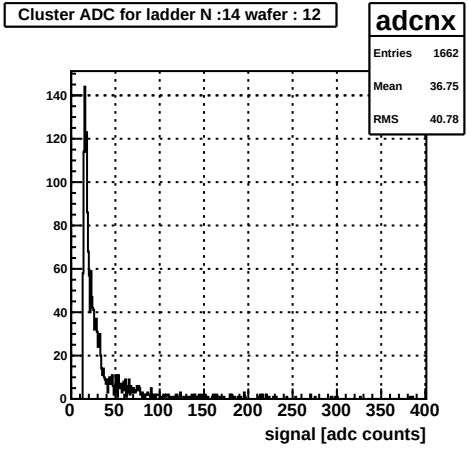

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 12863
Mean 24.41
RMS 18.49
signal [adc counts]

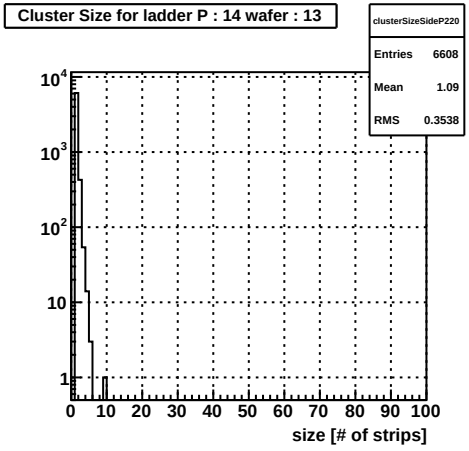

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 1652
Mean 1.082
RMS 0.3319
size [# of strips]

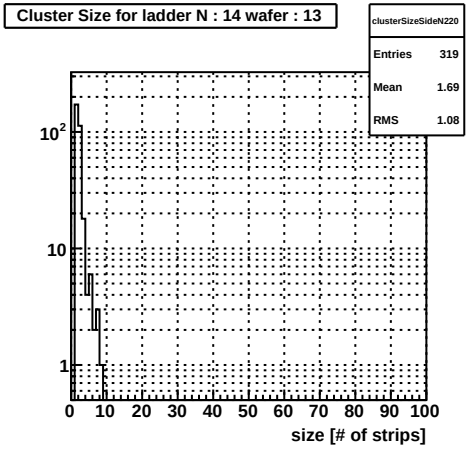

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 1662
Mean 1.252
RMS 0.6412
size [# of strips]

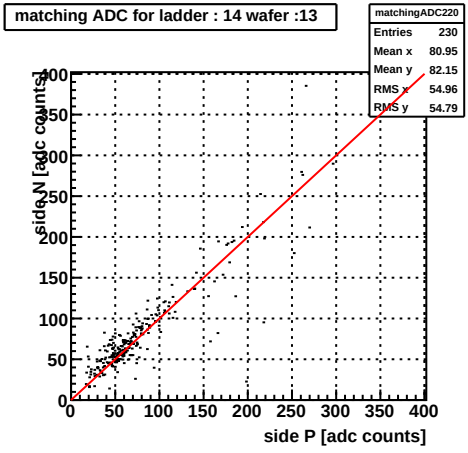

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 230
Mean x 87.95
Mean y 85.01
RMS x 60.77
RMS y 60.46
side N [adc counts]
side P [adc counts]

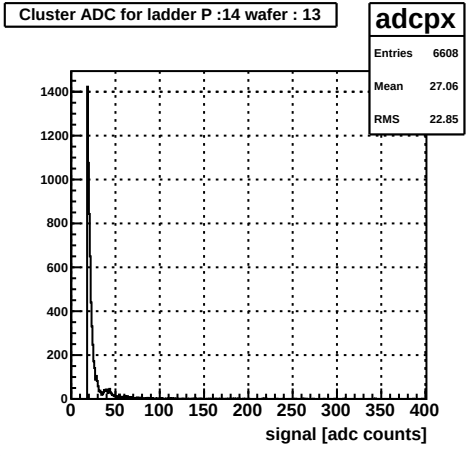

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 1652
Mean 31.44
RMS 34.03
signal [adc counts]

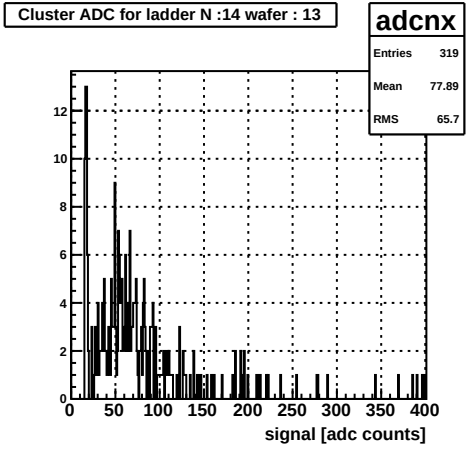

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 1662
Mean 36.75
RMS 40.78
signal [adc counts]

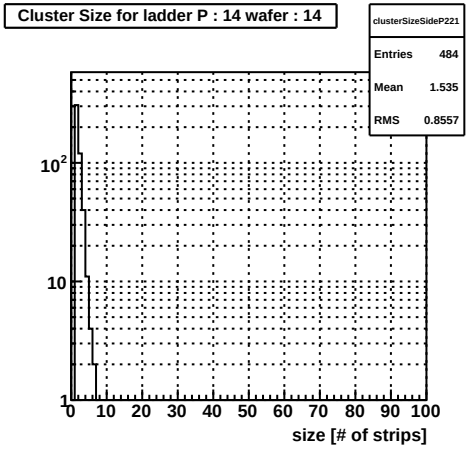

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 6608
Mean 1.09
RMS 0.3538
size [# of strips]

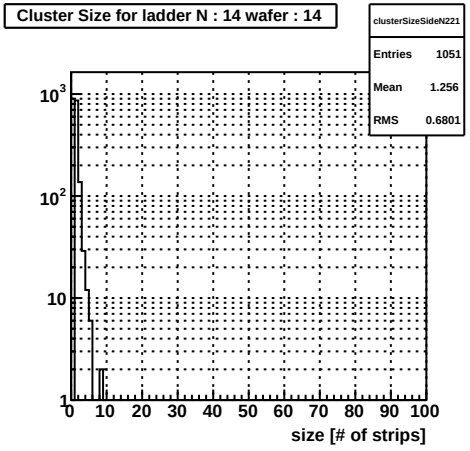

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 319
Mean 1.69
RMS 1.08
size [# of strips]

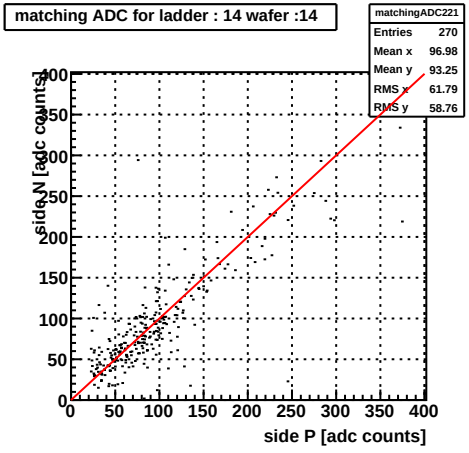

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 230
Mean x 80.95
Mean y 82.15
RMS x 54.96
RMS y 54.79
side N [adc counts]
side P [adc counts]

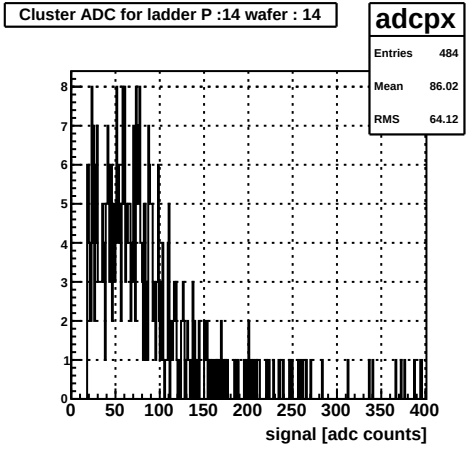

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 6608
Mean 27.06
RMS 22.85
signal [adc counts]

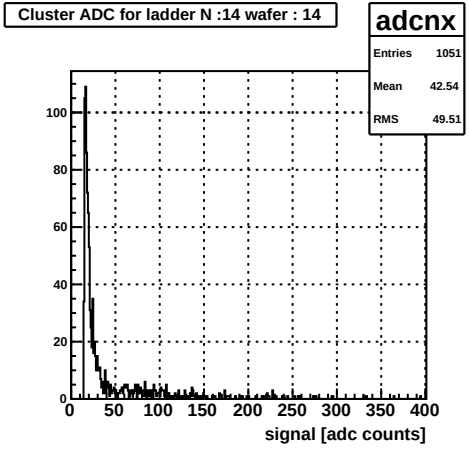

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 319
Mean 77.89
RMS 65.7
signal [adc counts]

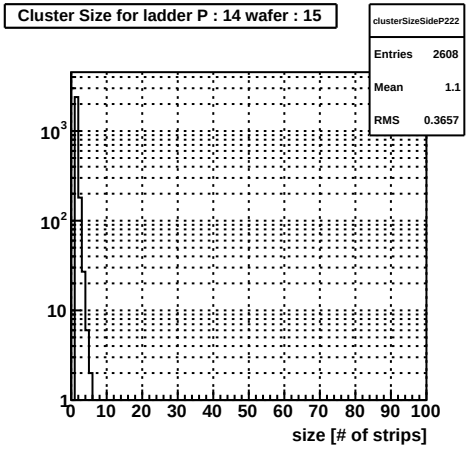

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 484
Mean 1.535
RMS 0.8557
size [# of strips]

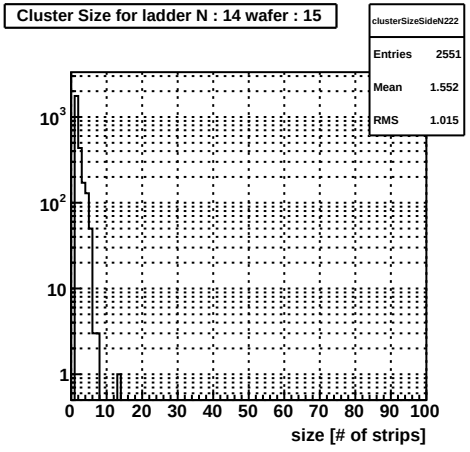

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 1051
Mean 1.256
RMS 0.6801
size [# of strips]

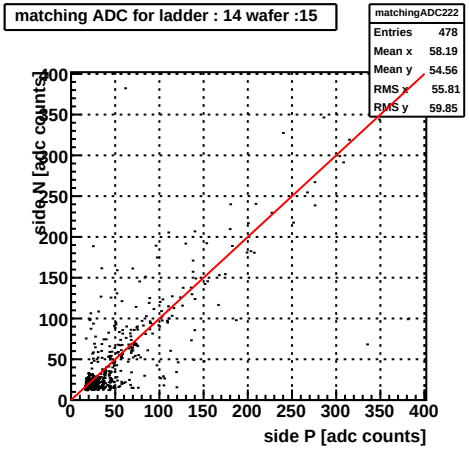

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 270
Mean x 96.98
Mean y 93.25
RMS x 61.79
RMS y 58.76
side N [adc counts]
side P [adc counts]

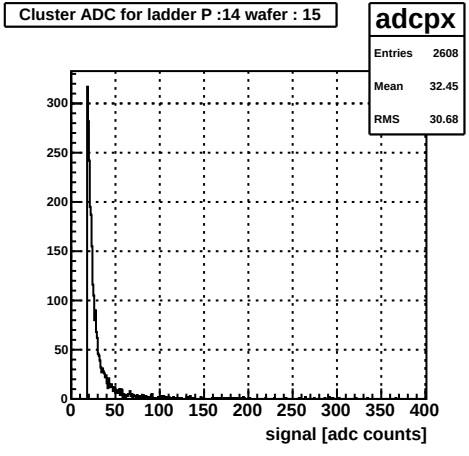

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 484
Mean 86.02
RMS 64.12
signal [adc counts]

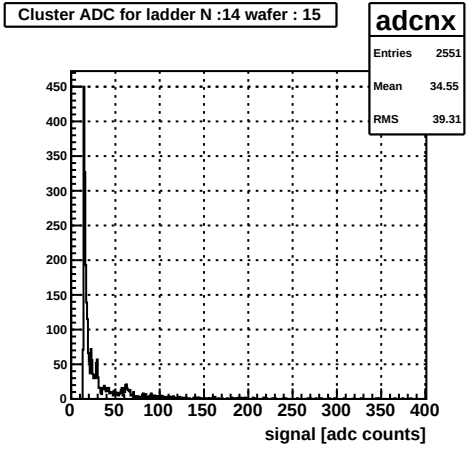

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 1051
Mean 42.54
RMS 49.51
signal [adc counts]

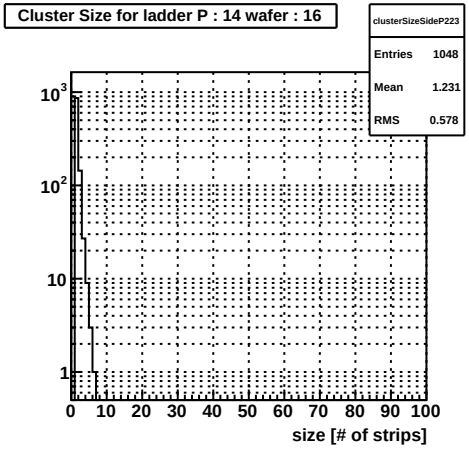

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 2608
Mean 1.1
RMS 0.3657
size [# of strips]

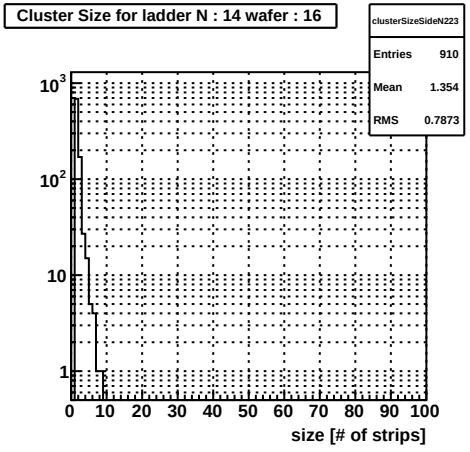

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 2551
Mean 1.552
RMS 1.015
size [# of strips]

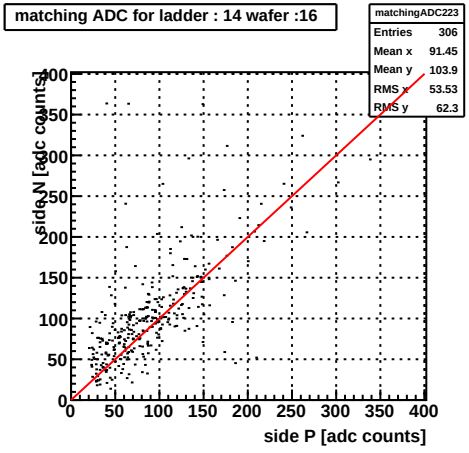

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 478
Mean x 58.19
Mean y 54.56
RMS x 55.81
RMS y 59.85
side N [adc counts]
side P [adc counts]

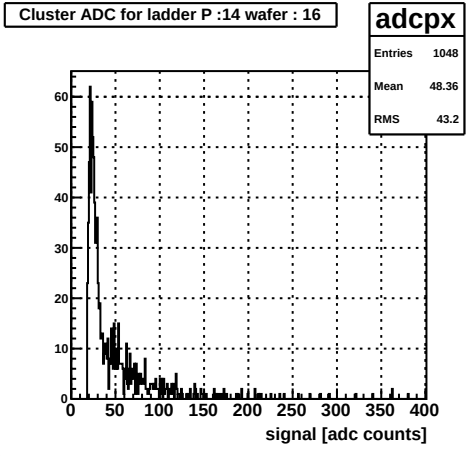

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 2608
Mean 32.45
RMS 30.68
signal [adc counts]

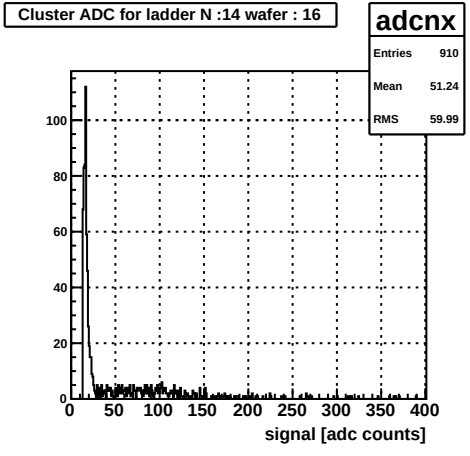

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 2551
Mean 34.55
RMS 39.31
signal [adc counts]

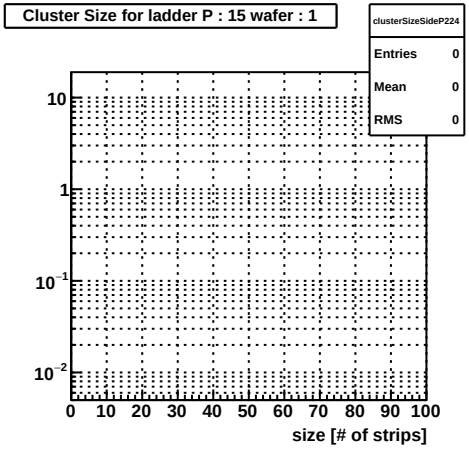

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1048
Mean 1.231
RMS 0.578
size [# of strips]

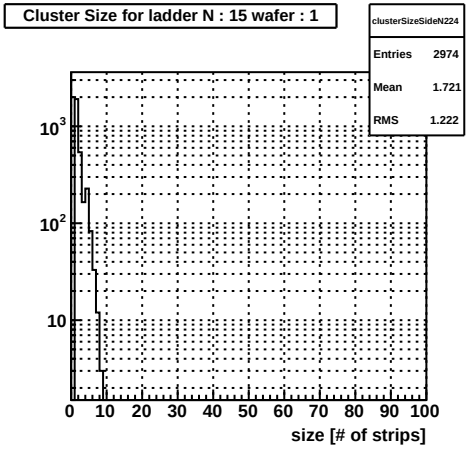

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 910
Mean 1.354
RMS 0.7873
size [# of strips]

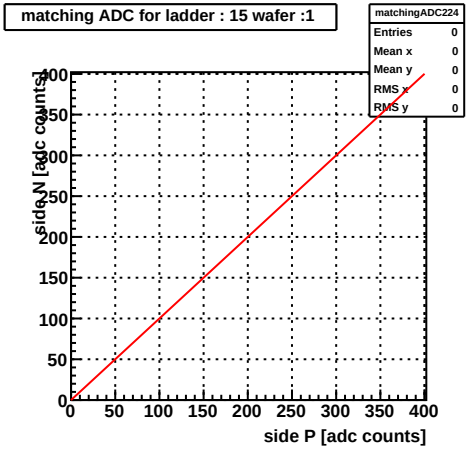

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 306
Mean x 91.45
Mean y 103.9
RMS x 53.53
RMS y 62.3
side N [adc counts]
side P [adc counts]

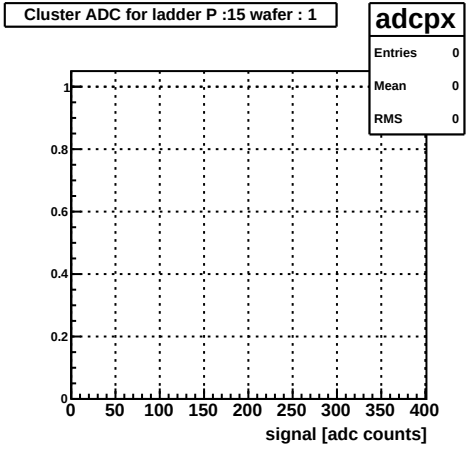

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1048
Mean 48.36
RMS 43.2
signal [adc counts]

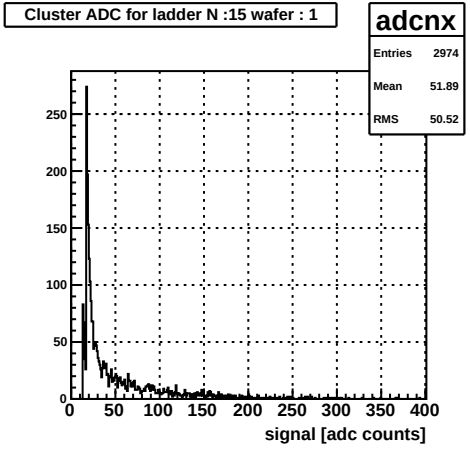

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 910
Mean 51.24
RMS 59.99
signal [adc counts]

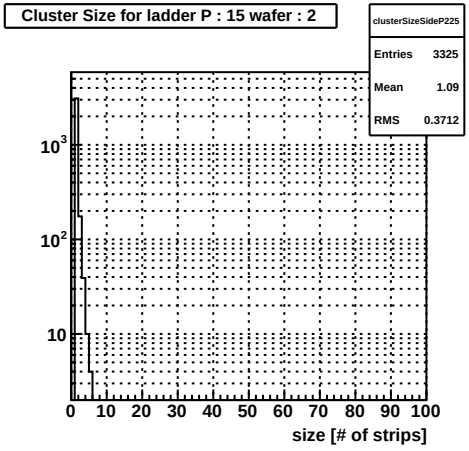

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

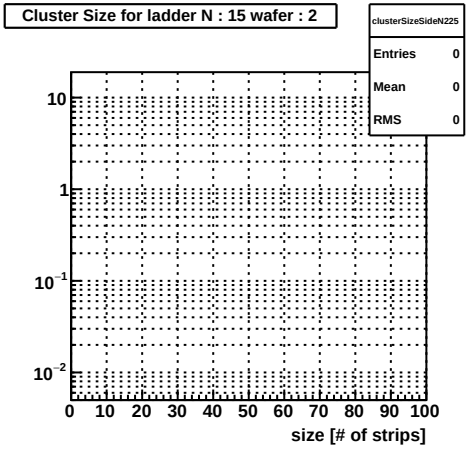

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 2974
Mean 1.721
RMS 1.222
size [# of strips]

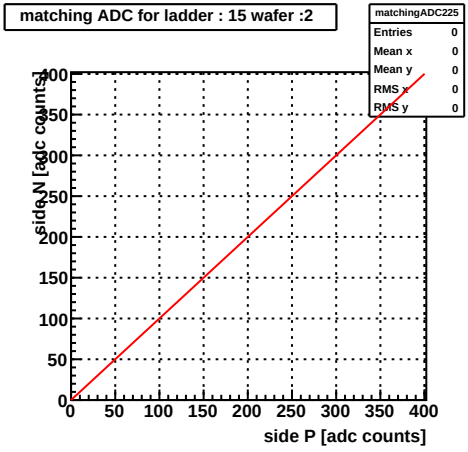

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

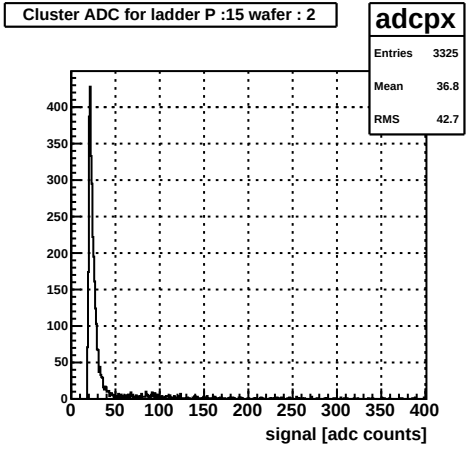

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

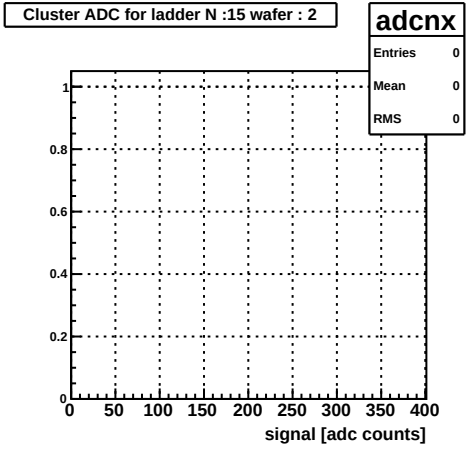

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 2974
Mean 51.89
RMS 50.52
signal [adc counts]

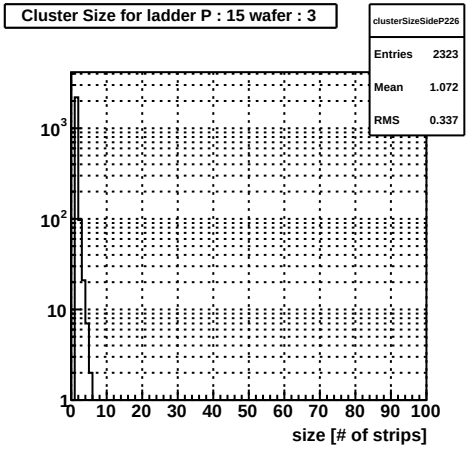

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 3325
Mean 1.09
RMS 0.3712
size [# of strips]

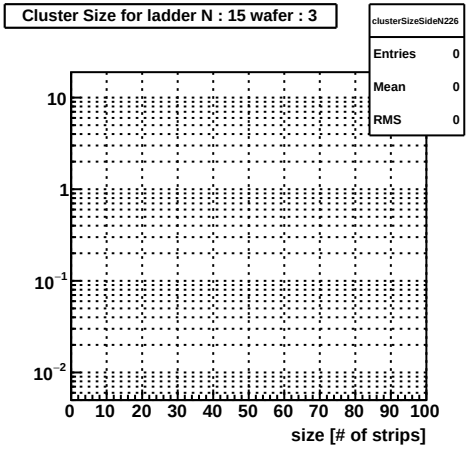

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

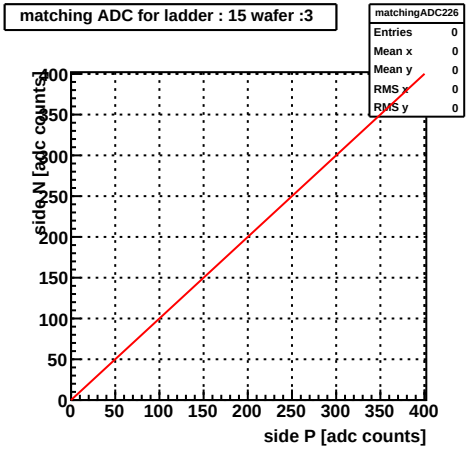

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

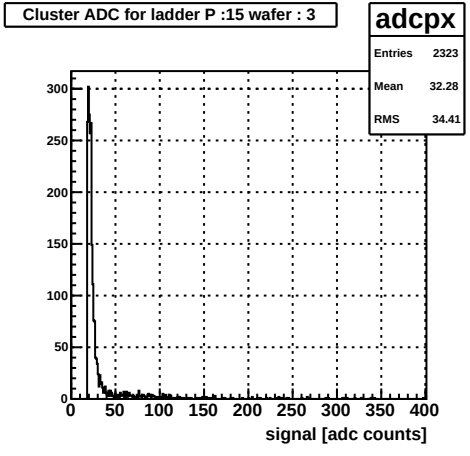

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 3325
Mean 36.8
RMS 42.7
signal [adc counts]

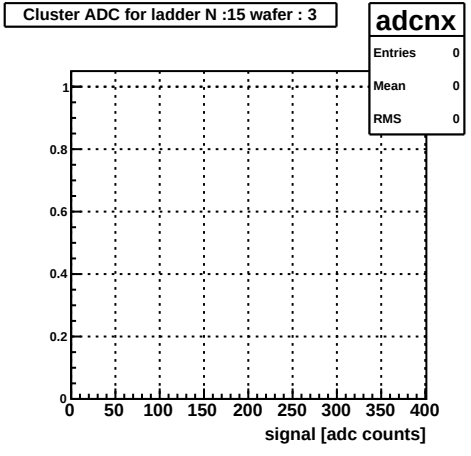

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

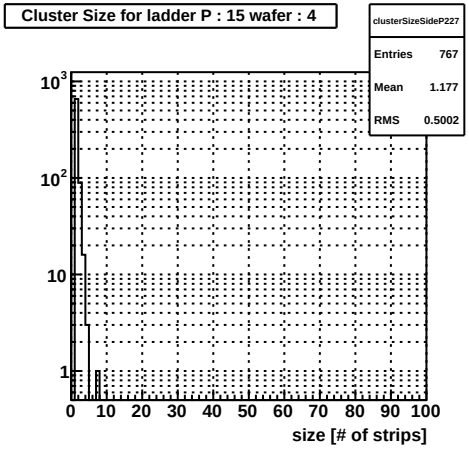

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 2323
Mean 1.072
RMS 0.337
size [# of strips]

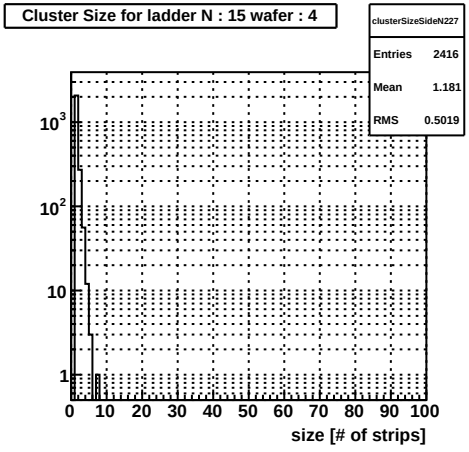

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

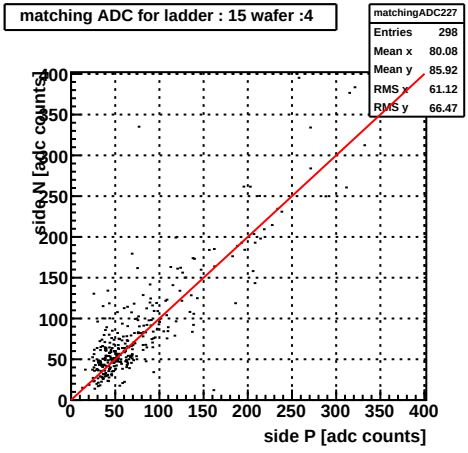

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

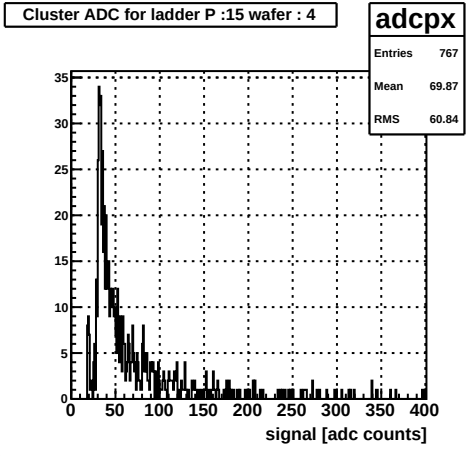

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 2323
Mean 32.28
RMS 34.41
signal [adc counts]

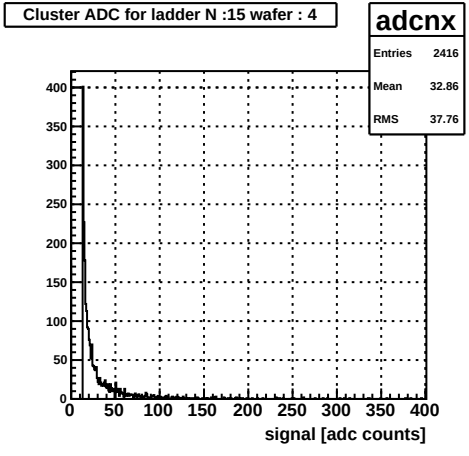

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

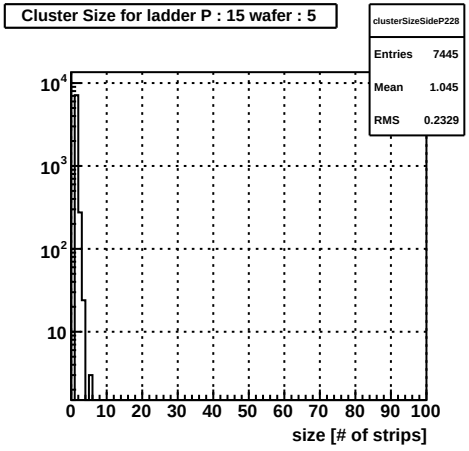

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 767
Mean 1.177
RMS 0.5002
size [# of strips]

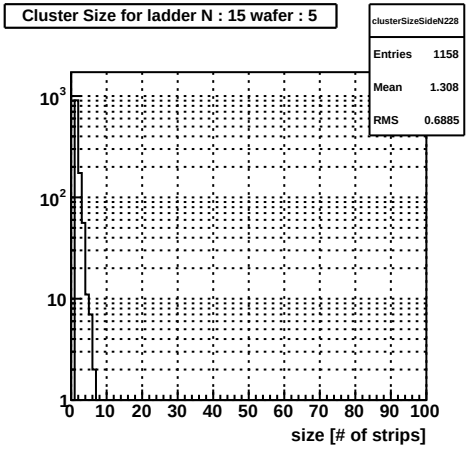

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 2416
Mean 1.181
RMS 0.5019
size [# of strips]

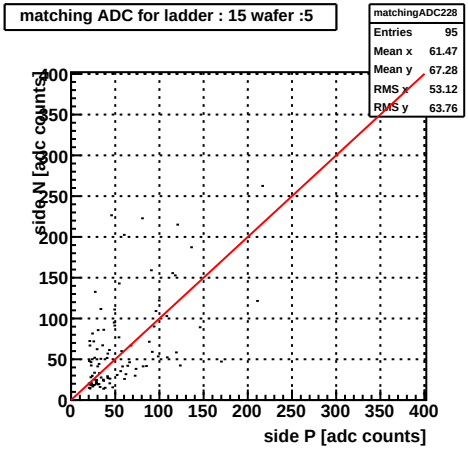

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 298
Mean x 80.08
Mean y 85.92
RMS x 61.12
RMS y 66.47
side N [adc counts]
side P [adc counts]

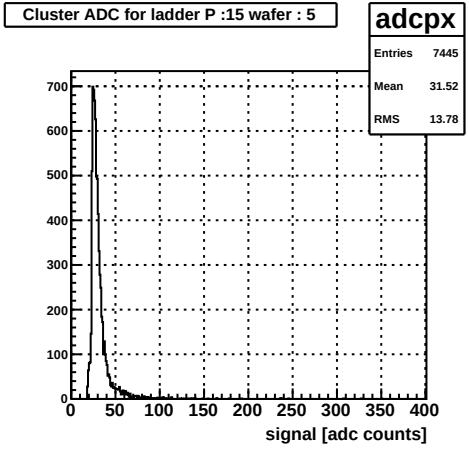

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 767
Mean 69.87
RMS 60.84
signal [adc counts]

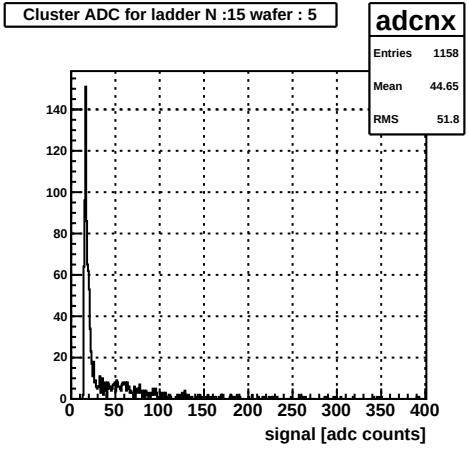

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 2416
Mean 32.86
RMS 37.76
signal [adc counts]

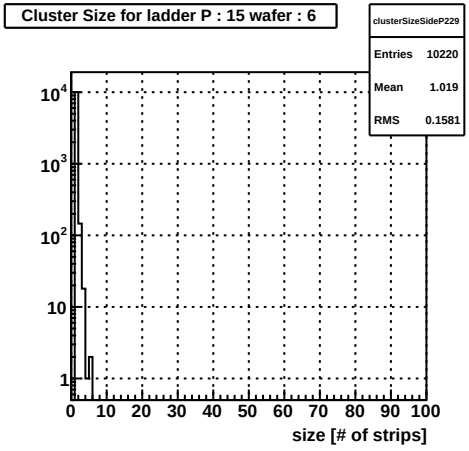

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 7445
Mean 1.045
RMS 0.2329
size [# of strips]

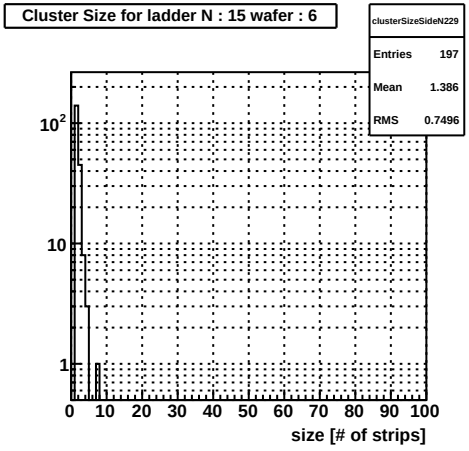

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 1158
Mean 1.308
RMS 0.6885
size [# of strips]

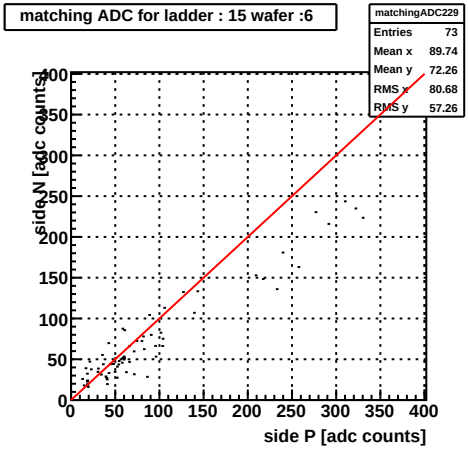

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 95
Mean x 61.47
Mean y 67.28
RMS x 53.12
RMS y 63.76
side N [adc counts]
side P [adc counts]

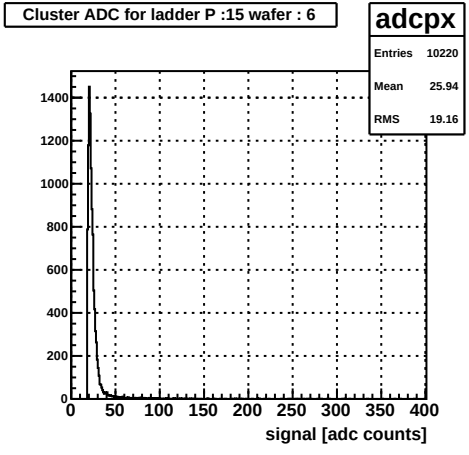

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 7445
Mean 31.52
RMS 13.78
signal [adc counts]

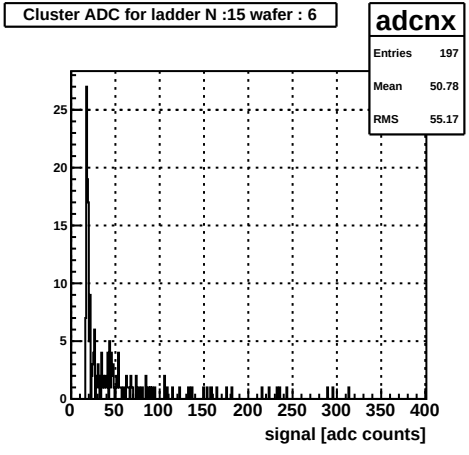

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 1158
Mean 44.65
RMS 51.8
signal [adc counts]

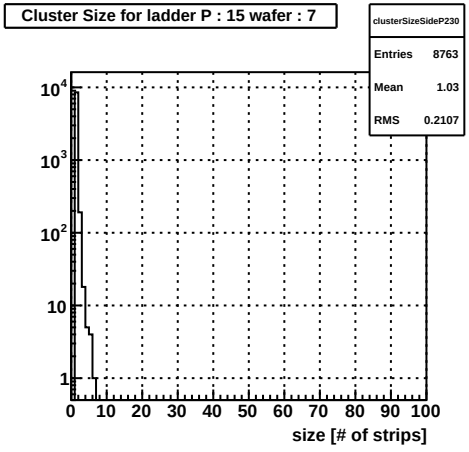

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 10220
Mean 1.019
RMS 0.1581
size [# of strips]

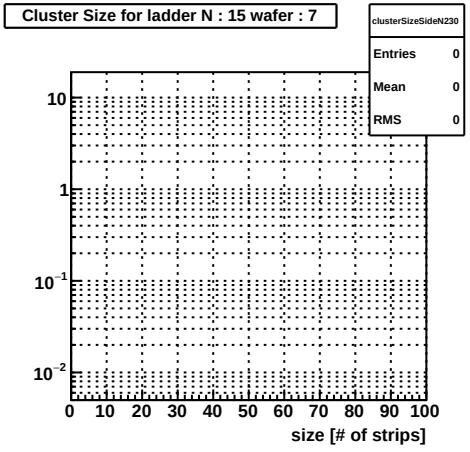

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 197
Mean 1.386
RMS 0.7496
size [# of strips]

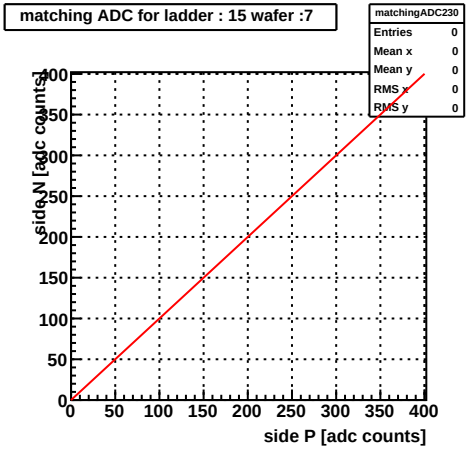

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 73
Mean x 89.74
Mean y 72.26
RMS x 80.68
RMS y 57.26
side N [adc counts]
side P [adc counts]

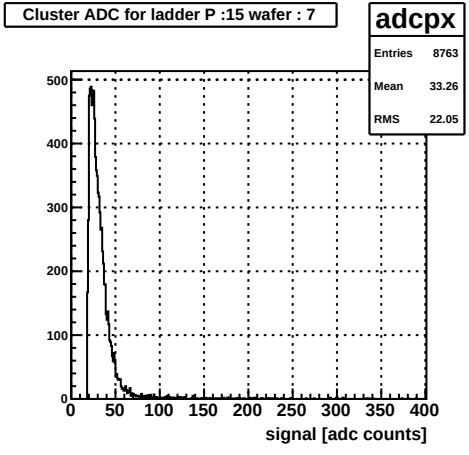

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 10220
Mean 25.94
RMS 19.16
signal [adc counts]

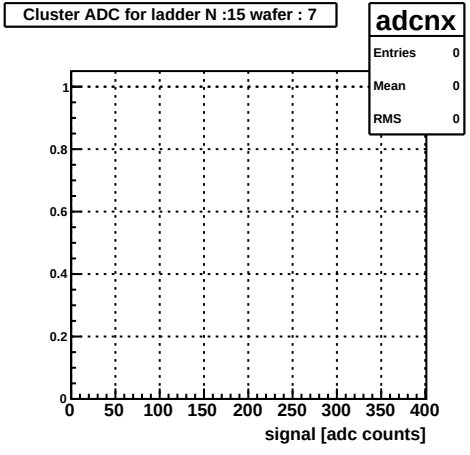

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 197
Mean 50.78
RMS 55.17
signal [adc counts]

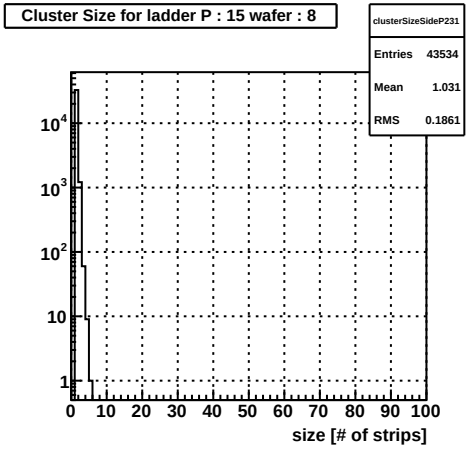

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 8763
Mean 1.03
RMS 0.2107
size [# of strips]

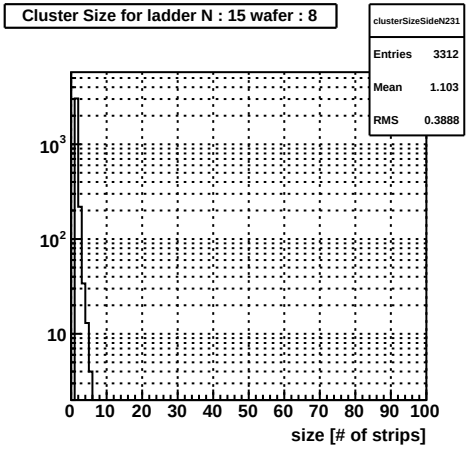

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

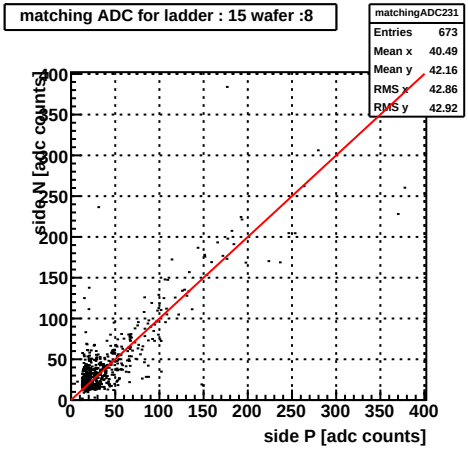

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

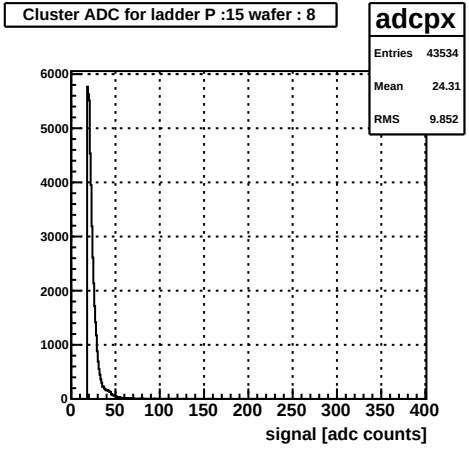

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 8763
Mean 33.26
RMS 22.05
signal [adc counts]

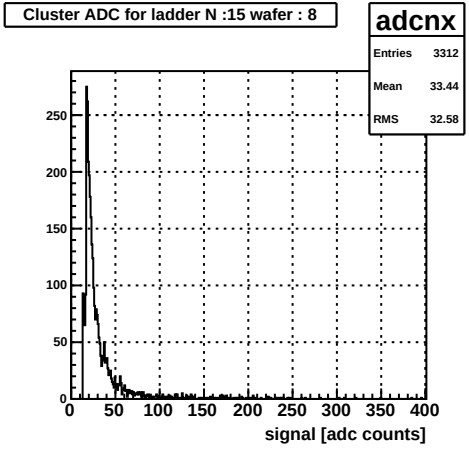

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

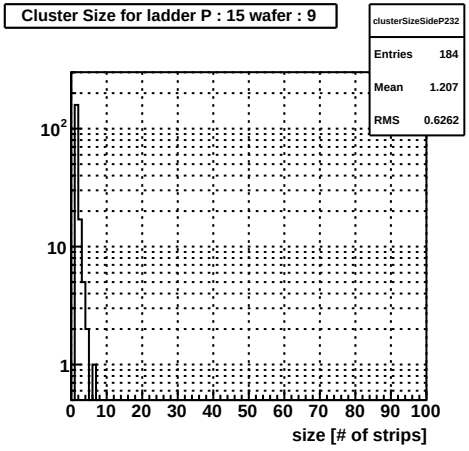

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 43534
Mean 1.031
RMS 0.1861
size [# of strips]

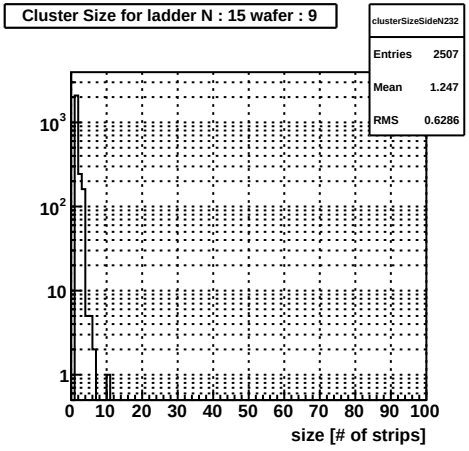

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 3312
Mean 1.103
RMS 0.3888
size [# of strips]

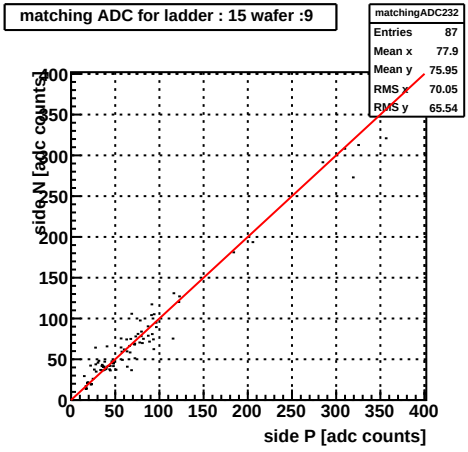

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 673
Mean x 40.49
Mean y 42.16
RMS x 42.86
RMS y 42.92
side N [adc counts]
side P [adc counts]

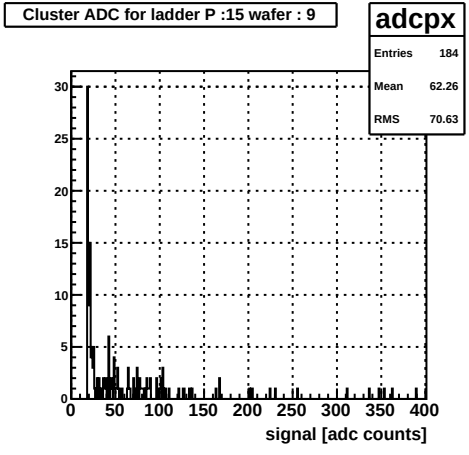

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 43534
Mean 24.31
RMS 9.852
signal [adc counts]

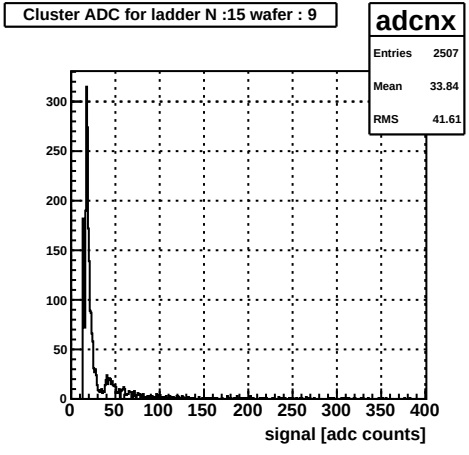

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 3312
Mean 33.44
RMS 32.58
signal [adc counts]

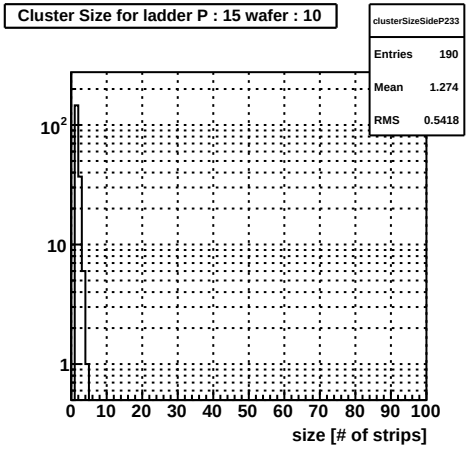

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 184
Mean 1.207
RMS 0.6262
size [# of strips]

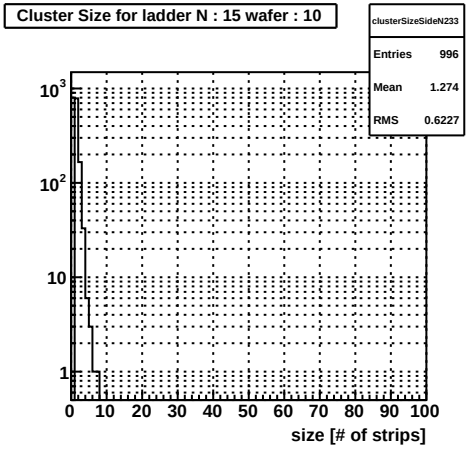

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 2507
Mean 1.247
RMS 0.6286
size [# of strips]

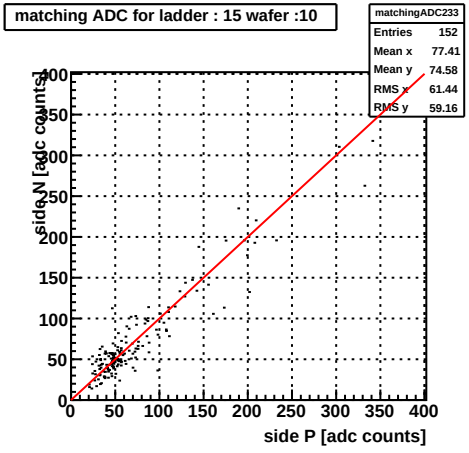

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 87
Mean x 77.9
Mean y 75.95
RMS x 70.05
RMS y 65.54
side N [adc counts]
side P [adc counts]

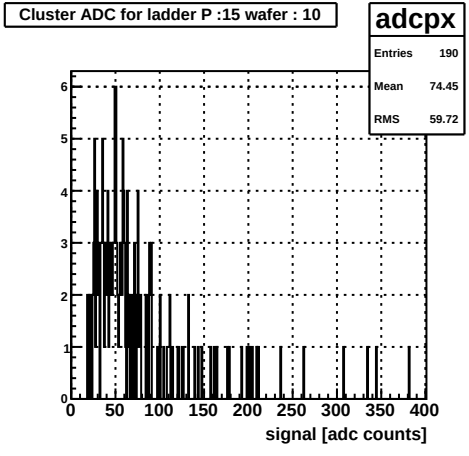

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 184
Mean 62.26
RMS 70.63
signal [adc counts]

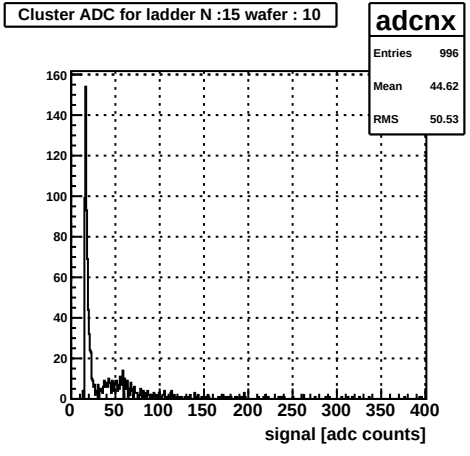

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 2507
Mean 33.84
RMS 41.61
signal [adc counts]

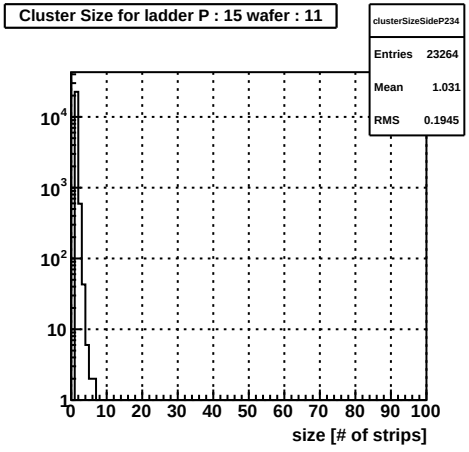

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 190
Mean 1.274
RMS 0.5418
size [# of strips]

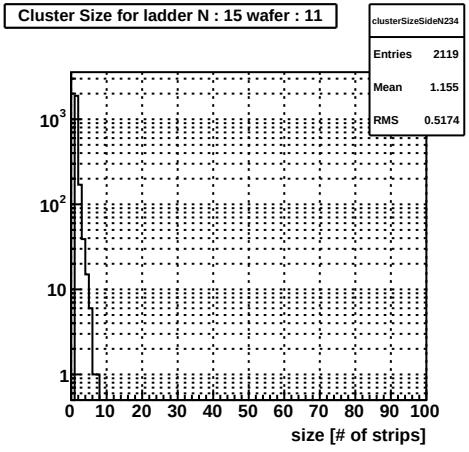

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 996
Mean 1.274
RMS 0.6227
size [# of strips]

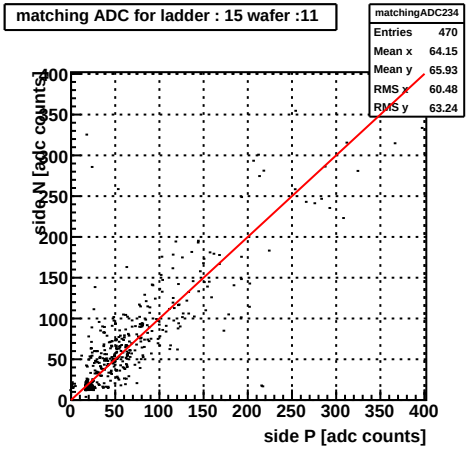

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 152
Mean x 77.41
Mean y 74.58
RMS x 61.44
RMS y 59.16
side N [adc counts]
side P [adc counts]

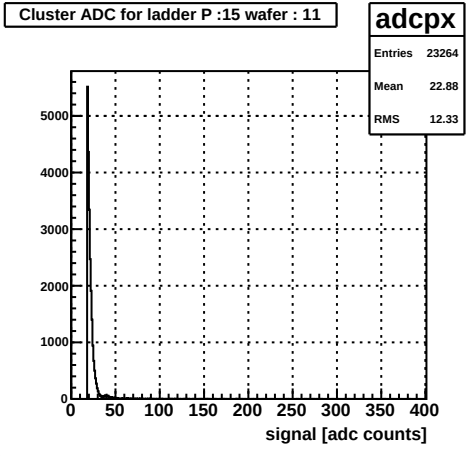

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 190
Mean 74.45
RMS 59.72
signal [adc counts]

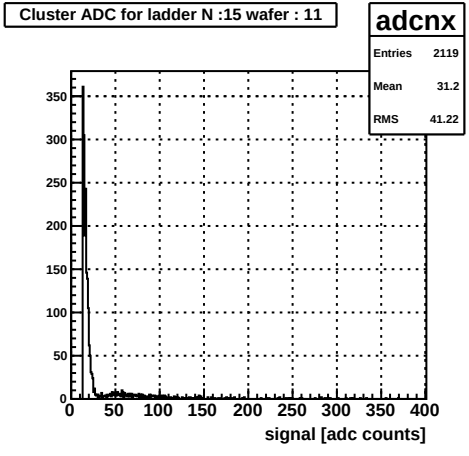

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 996
Mean 44.62
RMS 50.53
signal [adc counts]

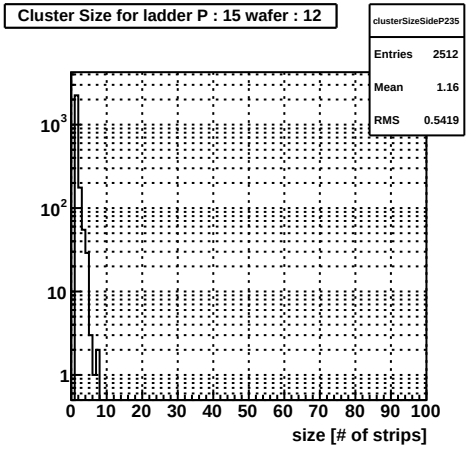

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 23264
Mean 1.031
RMS 0.1945
size [# of strips]

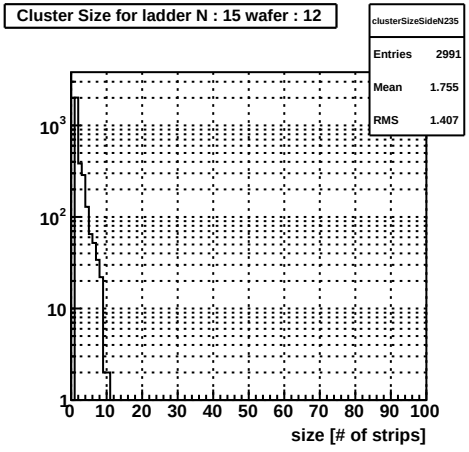

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 2119
Mean 1.155
RMS 0.5174
size [# of strips]

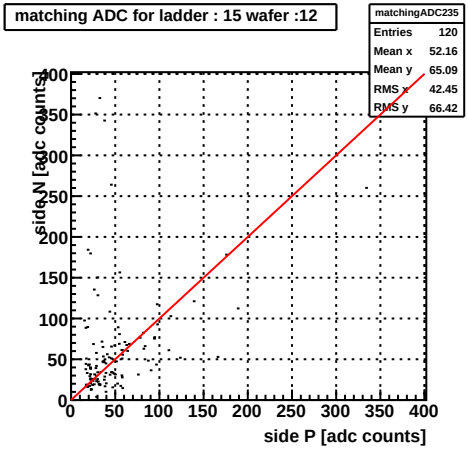

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 470
Mean x 64.15
Mean y 65.93
RMS x 60.48
RMS y 63.24
side N [adc counts]
side P [adc counts]

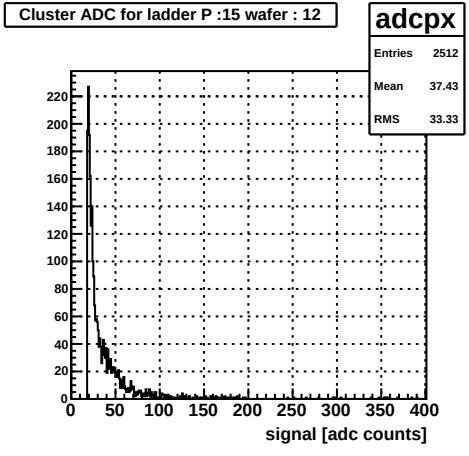

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 23264
Mean 22.88
RMS 12.33
signal [adc counts]

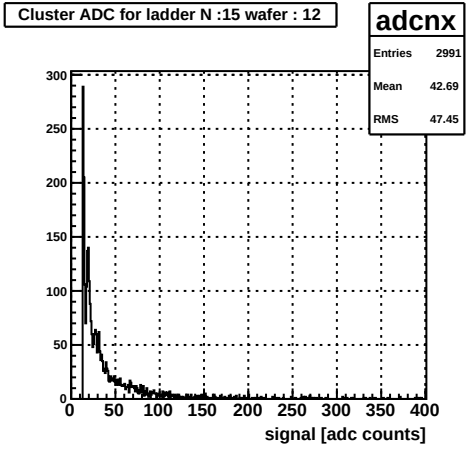

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 2119
Mean 31.2
RMS 41.22
signal [adc counts]

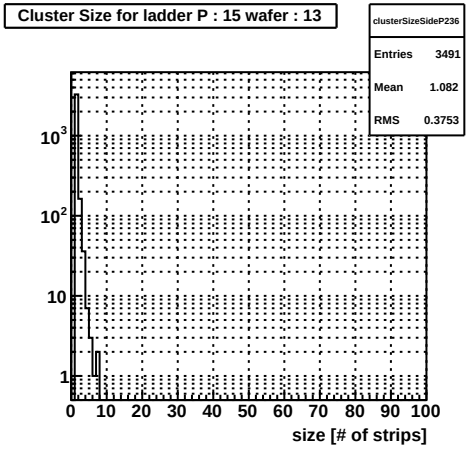

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 2512
Mean 1.16
RMS 0.5419
size [# of strips]

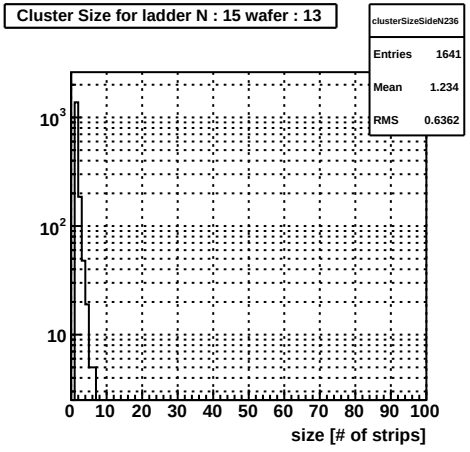

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 2991
Mean 1.755
RMS 1.407
size [# of strips]

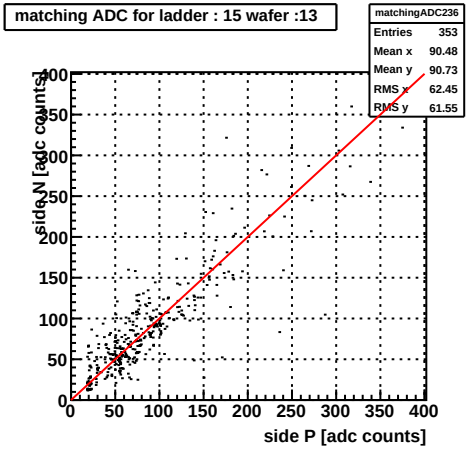

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 120
Mean x 52.16
Mean y 65.09
RMS x 42.45
RMS y 66.42
side N [adc counts]
side P [adc counts]

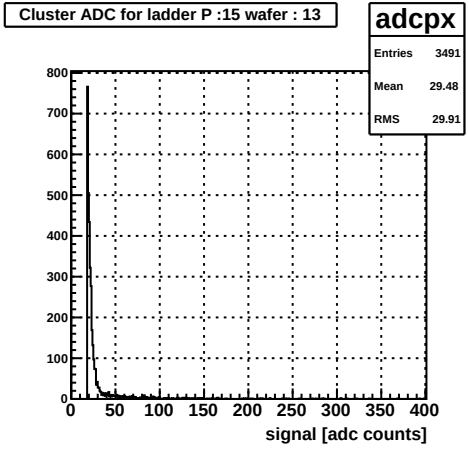

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 2512
Mean 37.43
RMS 33.33
signal [adc counts]

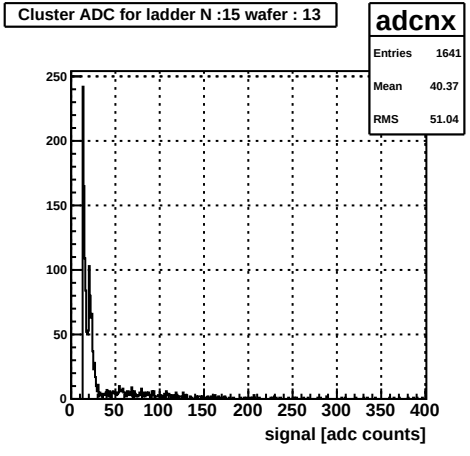

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 2991
Mean 42.69
RMS 47.45
signal [adc counts]

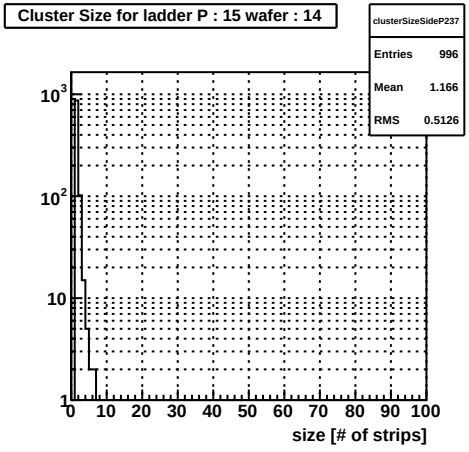

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 3491
Mean 1.082
RMS 0.3753
size [# of strips]

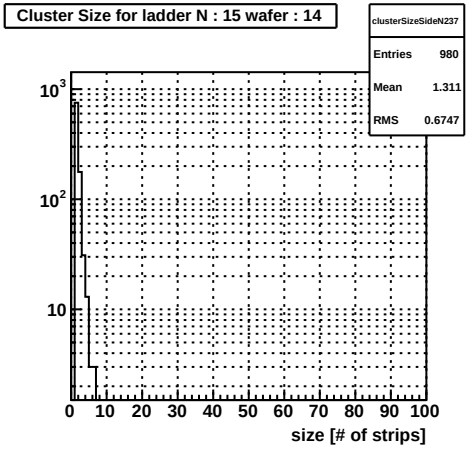

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 1641
Mean 1.234
RMS 0.6362
size [# of strips]

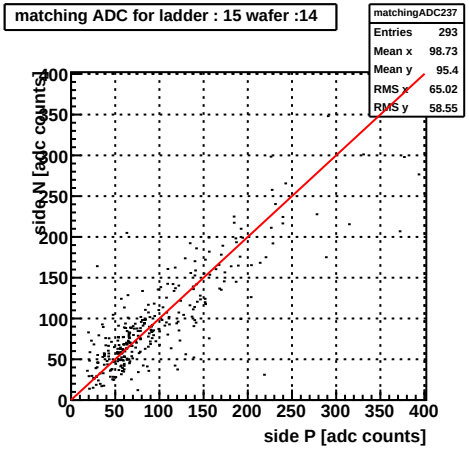

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 353
Mean x 90.48
Mean y 90.73
RMS x 62.45
RMS y 61.55
side N [adc counts]
side P [adc counts]

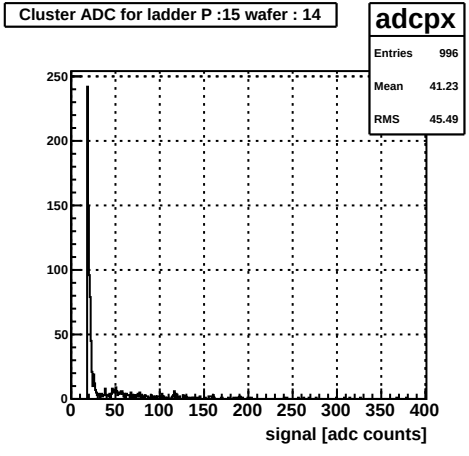

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 3491
Mean 29.48
RMS 29.91
signal [adc counts]

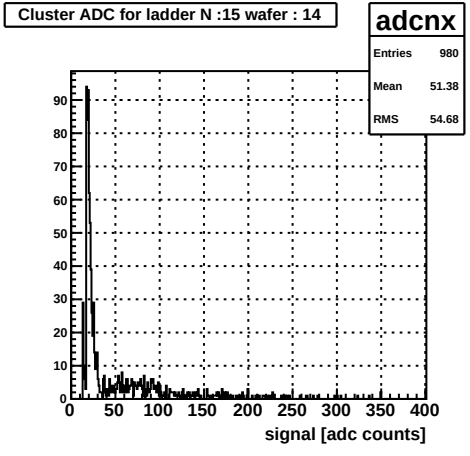

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 1641
Mean 40.37
RMS 51.04
signal [adc counts]

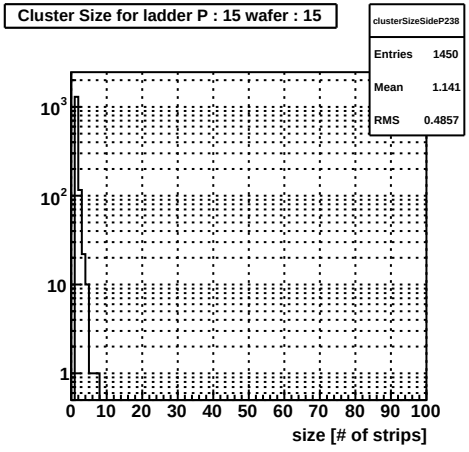

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 996
Mean 1.166
RMS 0.5126
size [# of strips]

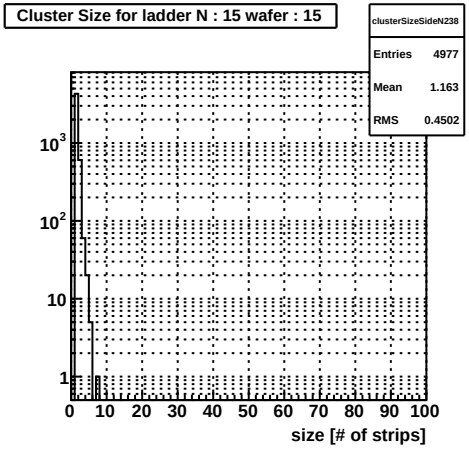

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 980
Mean 1.311
RMS 0.6747
size [# of strips]

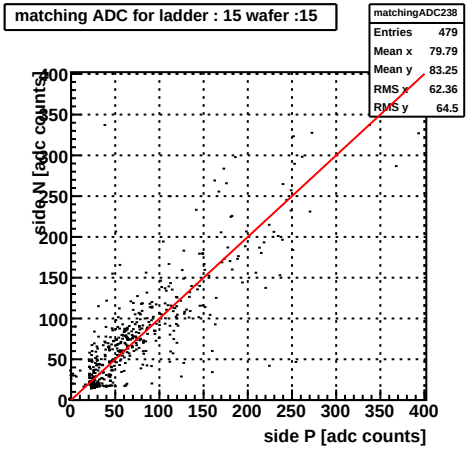

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 293
Mean x 98.73
Mean y 95.4
RMS x 65.02
RMS y 58.55
side N [adc counts]
side P [adc counts]

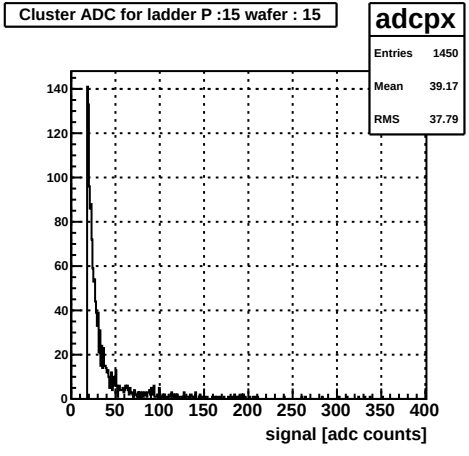

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 996
Mean 41.23
RMS 45.49
signal [adc counts]

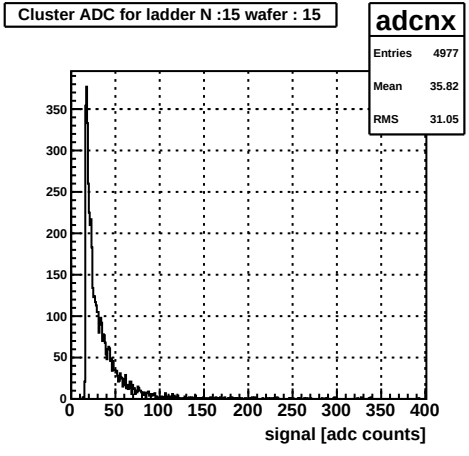

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 980
Mean 51.38
RMS 54.68
signal [adc counts]

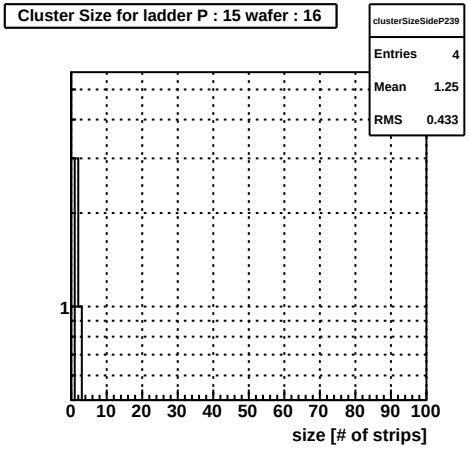

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 1450
Mean 1.141
RMS 0.4857
size [# of strips]

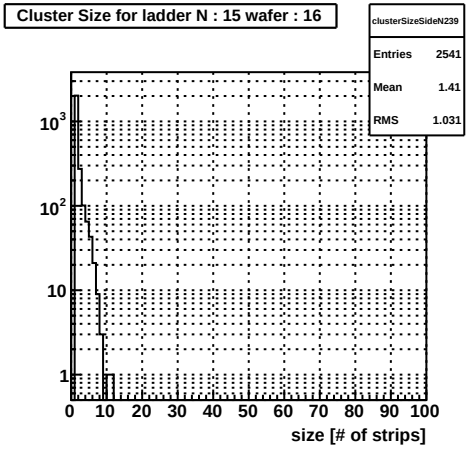

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 4977
Mean 1.163
RMS 0.4502
size [# of strips]

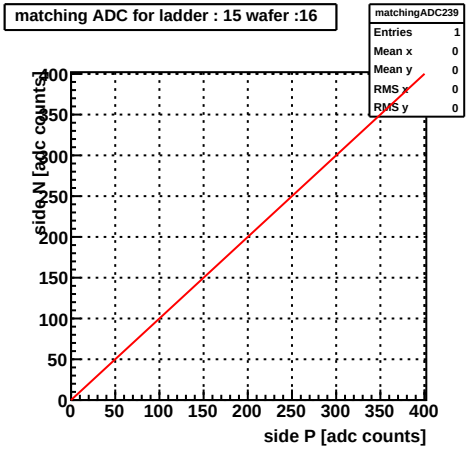

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 479
Mean x 79.79
Mean y 83.25
RMS x 62.36
RMS y 64.5
side N [adc counts]
side P [adc counts]

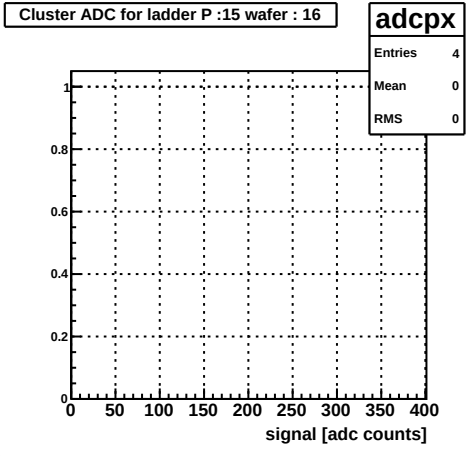

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 1450
Mean 39.17
RMS 37.79
signal [adc counts]

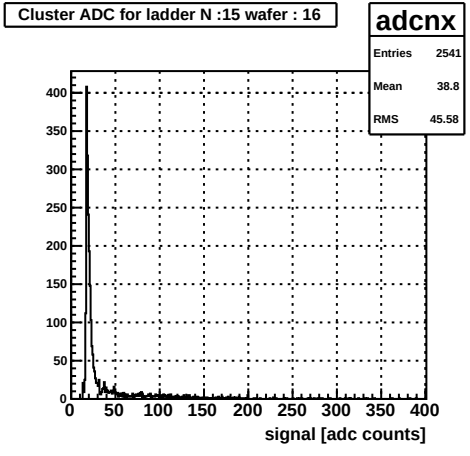

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 4977
Mean 35.82
RMS 31.05
signal [adc counts]

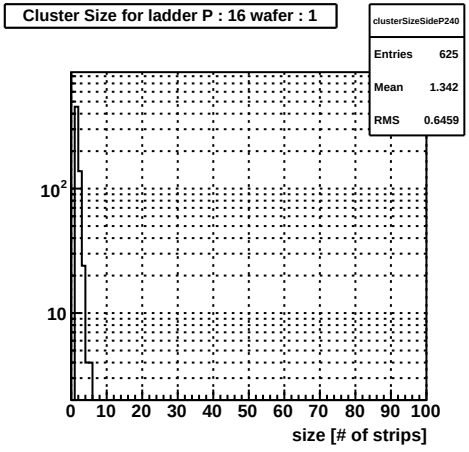

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 4
Mean 1.25
RMS 0.433
size [# of strips]

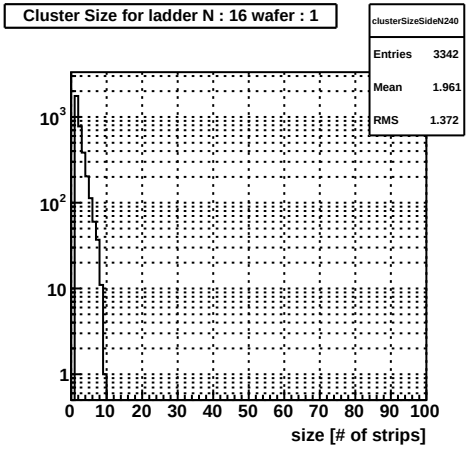

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 2541
Mean 1.41
RMS 1.031
size [# of strips]

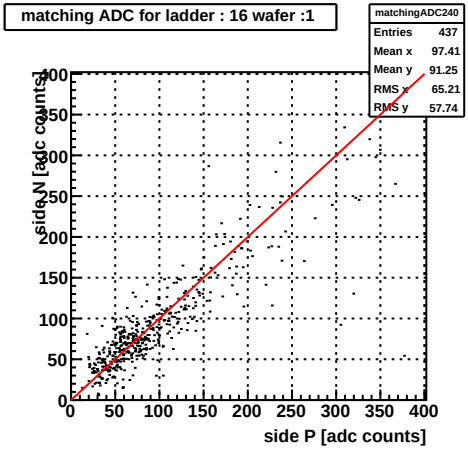

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

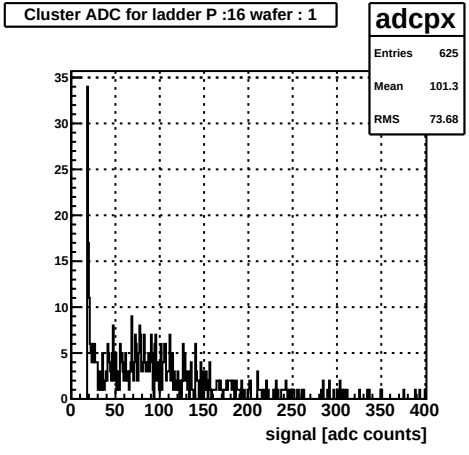

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

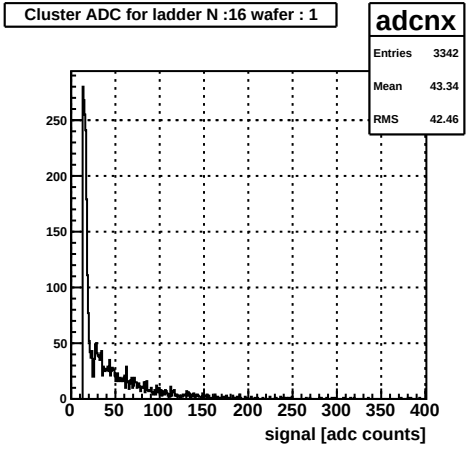

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 2541
Mean 38.8
RMS 45.58
signal [adc counts]

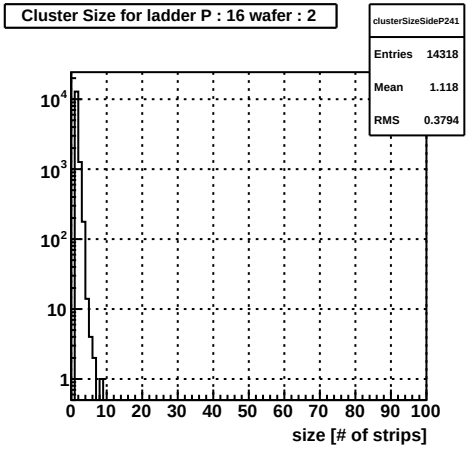

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 625
Mean 1.342
RMS 0.6459
size [# of strips]

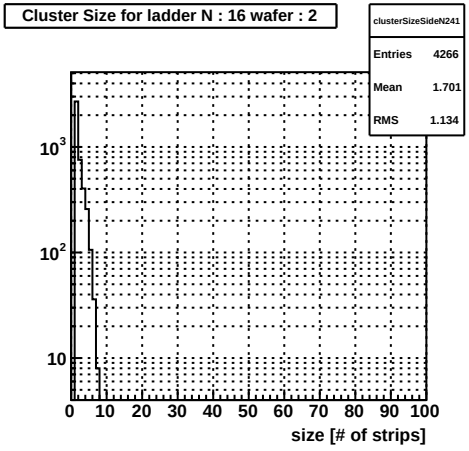

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 3342
Mean 1.961
RMS 1.372
size [# of strips]

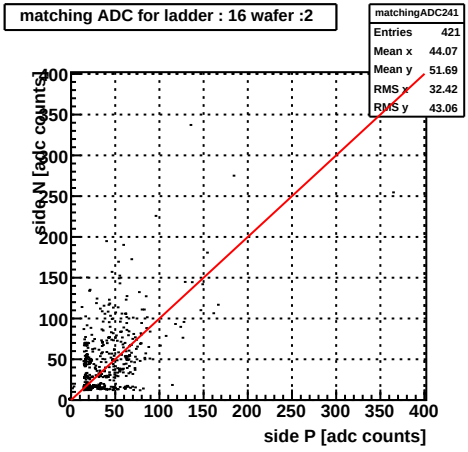

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 437
Mean x 97.41
Mean y 91.25
RMS x 65.21
RMS y 57.74
side N [adc counts]
side P [adc counts]

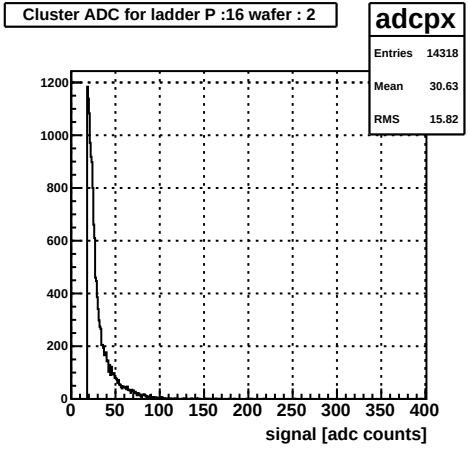

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 625
Mean 101.3
RMS 73.68
signal [adc counts]

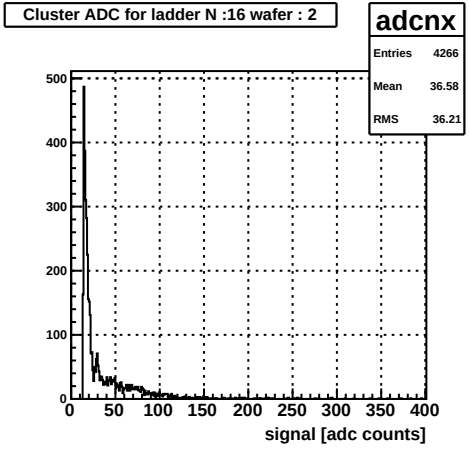

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 3342
Mean 43.34
RMS 42.46
signal [adc counts]

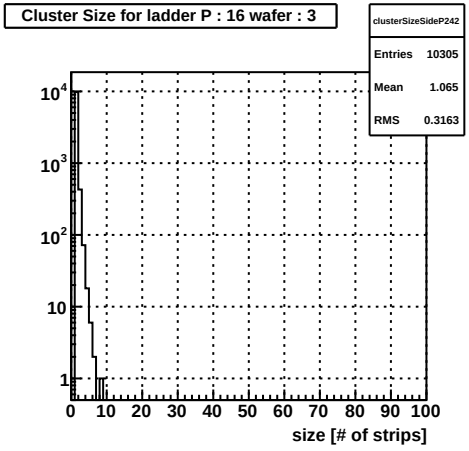

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 14318
Mean 1.118
RMS 0.3794
size [# of strips]

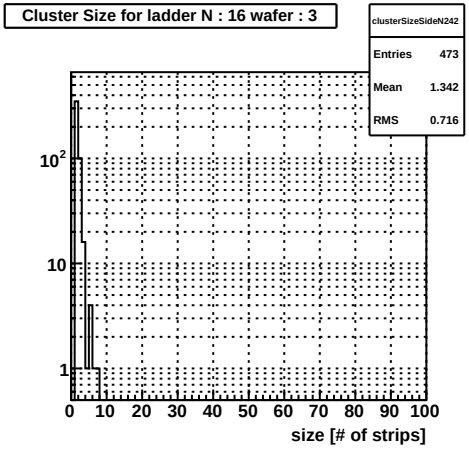

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 4266
Mean 1.701
RMS 1.134
size [# of strips]

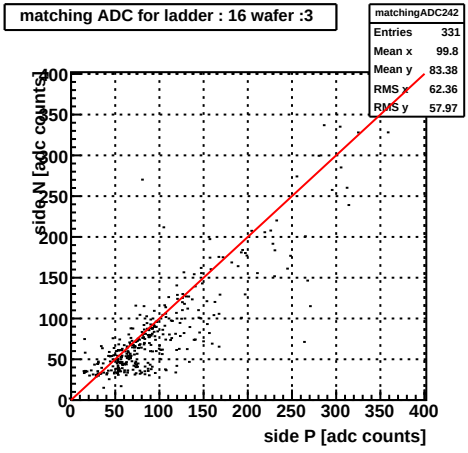

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 421
Mean x 44.07
Mean y 51.69
RMS x 32.42
RMS y 43.06
side N [adc counts]
side P [adc counts]

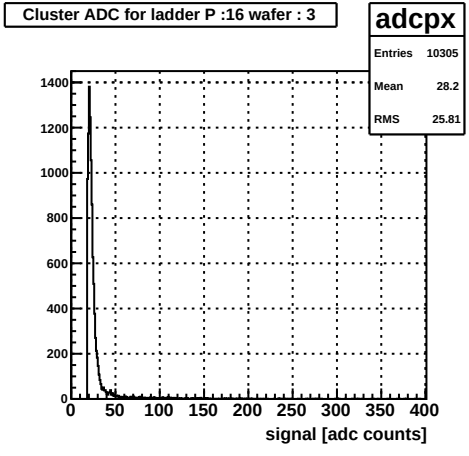

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 14318
Mean 30.63
RMS 15.82
signal [adc counts]

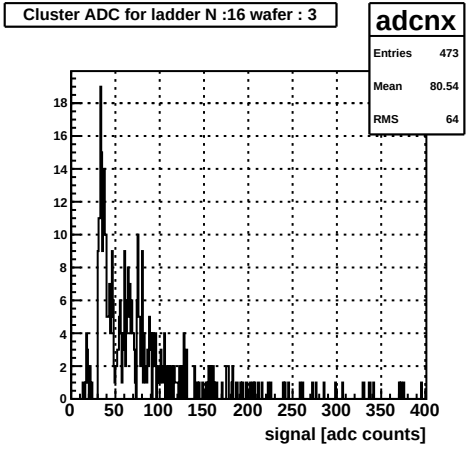

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 4266
Mean 36.58
RMS 36.21
signal [adc counts]

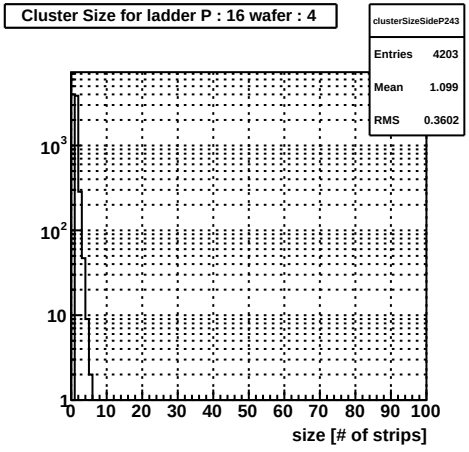

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 10305
Mean 1.065
RMS 0.3163
size [# of strips]

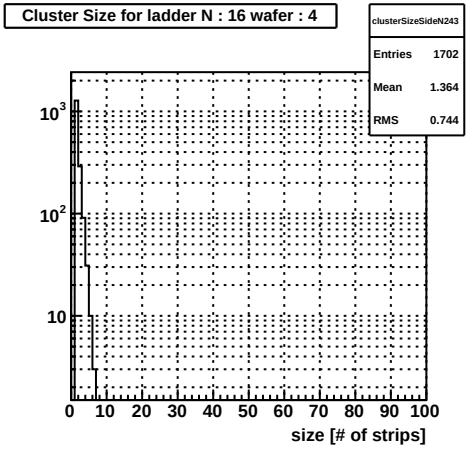

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 473
Mean 1.342
RMS 0.716
size [# of strips]

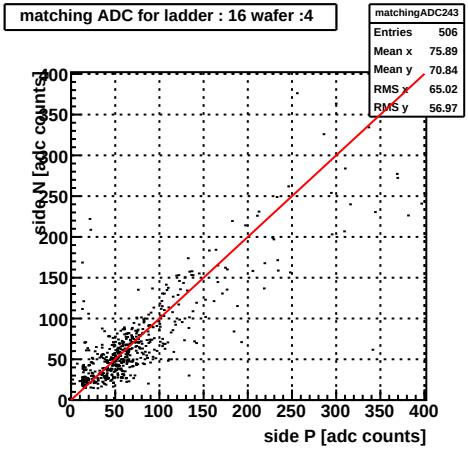

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 331
Mean x 99.8
Mean y 83.38
RMS x 62.36
RMS y 57.97
side N [adc counts]
side P [adc counts]

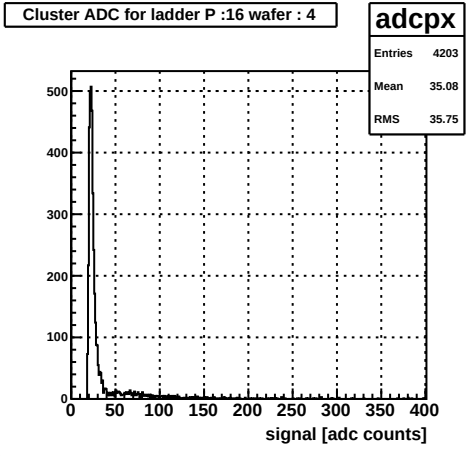

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 10305
Mean 28.2
RMS 25.81
signal [adc counts]

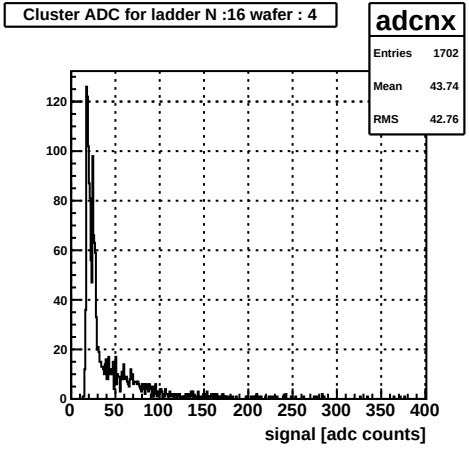

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 473
Mean 80.54
RMS 64
signal [adc counts]

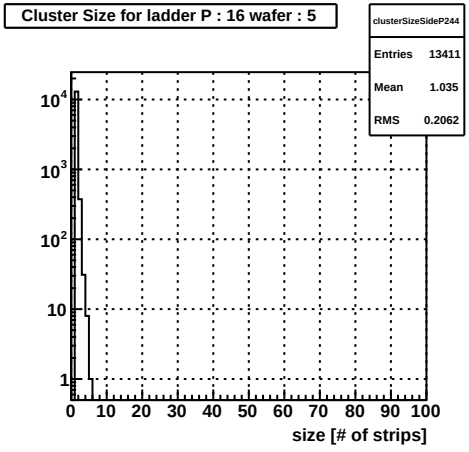

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 4203
Mean 1.099
RMS 0.3602
size [# of strips]

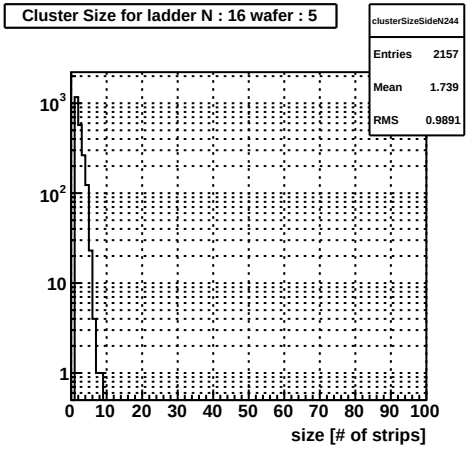

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 1702
Mean 1.364
RMS 0.744
size [# of strips]

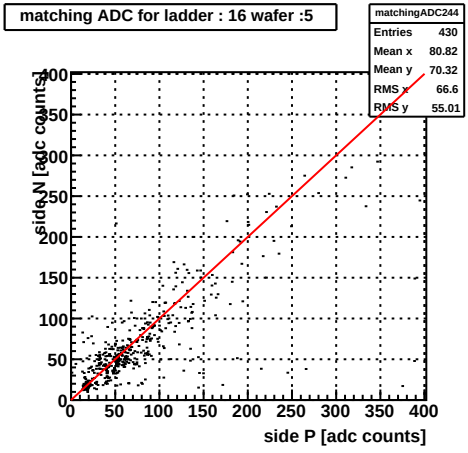

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 506
Mean x 75.89
Mean y 70.84
RMS x 65.02
RMS y 56.97
side N [adc counts]
side P [adc counts]

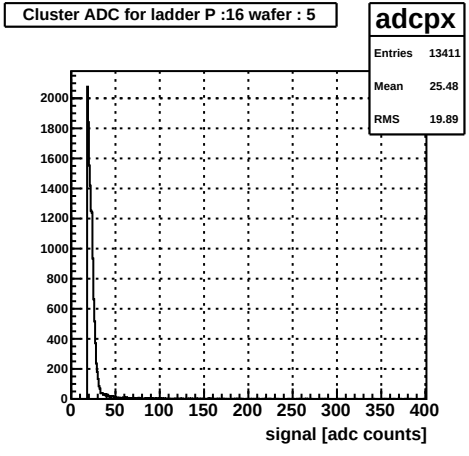

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 4203
Mean 35.08
RMS 35.75
signal [adc counts]

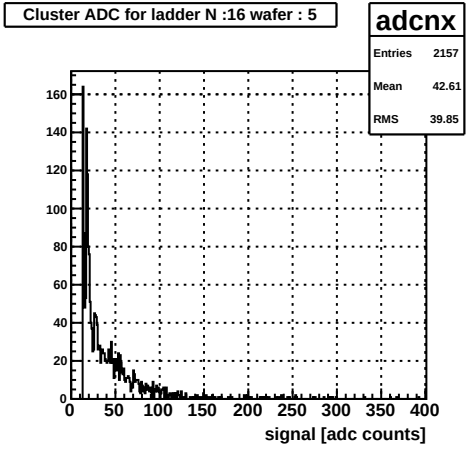

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 1702
Mean 43.74
RMS 42.76
signal [adc counts]

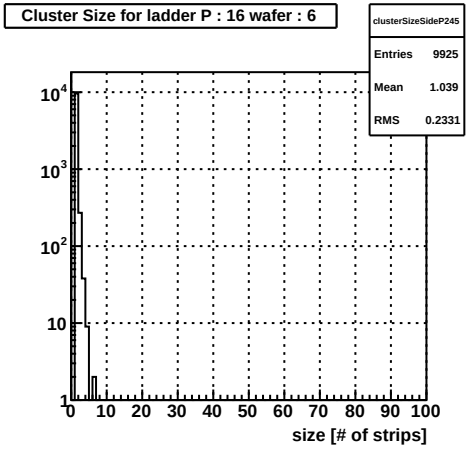

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 13411
Mean 1.035
RMS 0.2062
size [# of strips]

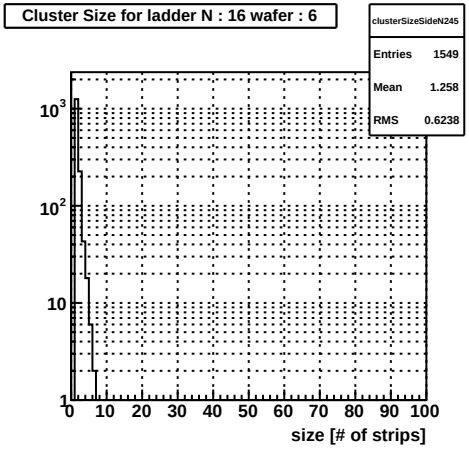

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2157
Mean 1.739
RMS 0.9891
size [# of strips]

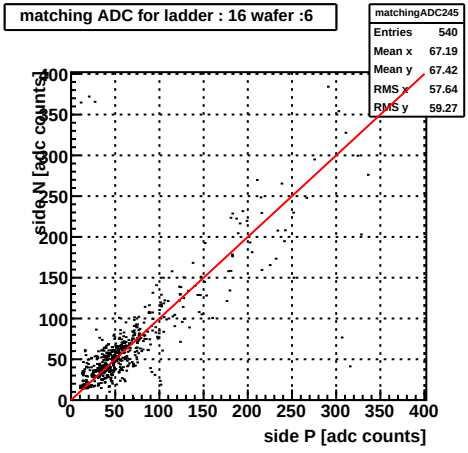

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 430
Mean x 80.82
Mean y 70.32
RMS x 66.6
RMS y 55.01
side N [adc counts]
side P [adc counts]

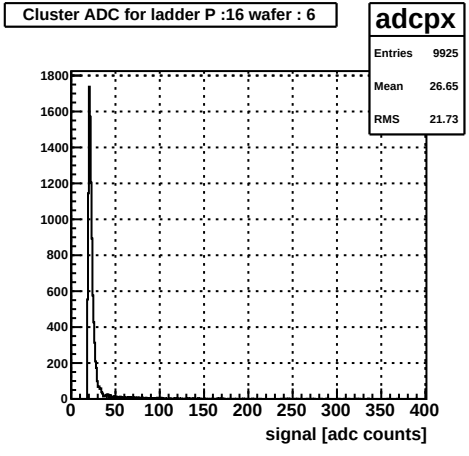

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 13411
Mean 25.48
RMS 19.89
signal [adc counts]

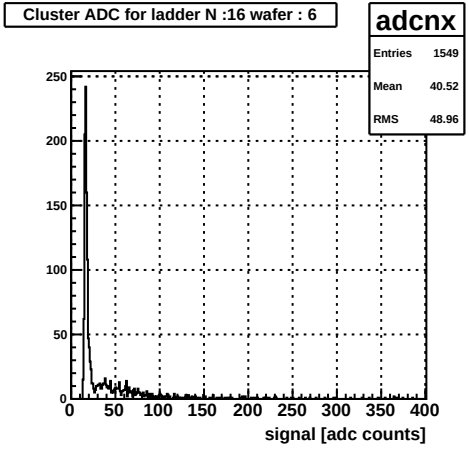

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2157
Mean 42.61
RMS 39.85
signal [adc counts]

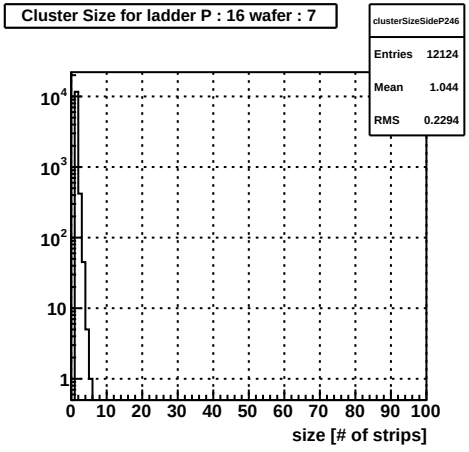

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 9925
Mean 1.039
RMS 0.2331
size [# of strips]

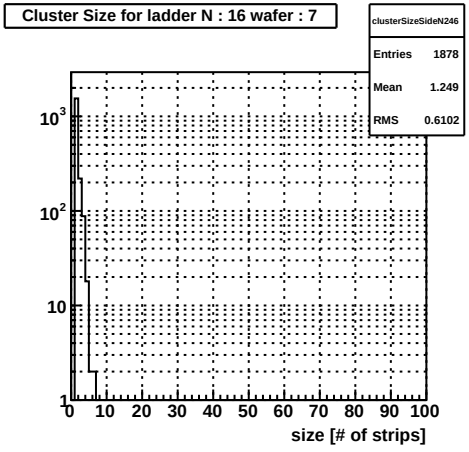

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 1549
Mean 1.258
RMS 0.6238
size [# of strips]

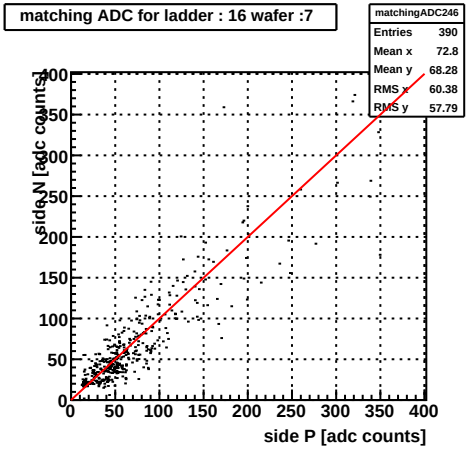

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 540
Mean x 67.19
Mean y 67.42
RMS x 57.64
RMS y 59.27
side N [adc counts]
side P [adc counts]

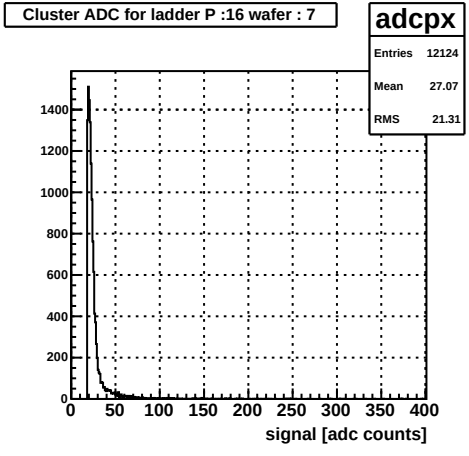

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 9925
Mean 26.65
RMS 21.73
signal [adc counts]

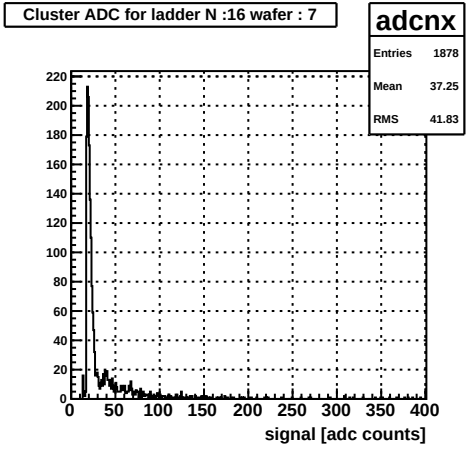

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 1549
Mean 40.52
RMS 48.96
signal [adc counts]

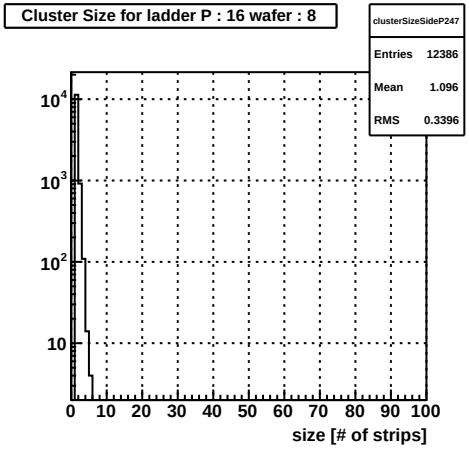

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 12124
Mean 1.044
RMS 0.2294
size [# of strips]

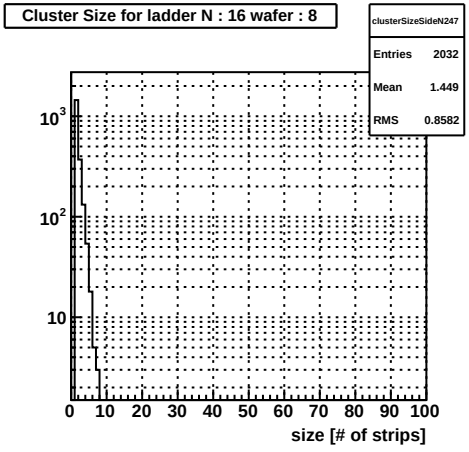

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 1878
Mean 1.249
RMS 0.6102
size [# of strips]

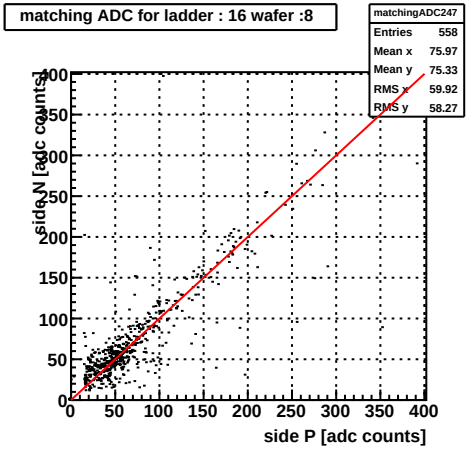

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 390
Mean x 72.8
Mean y 68.28
RMS x 60.38
RMS y 57.79
side N [adc counts]
side P [adc counts]

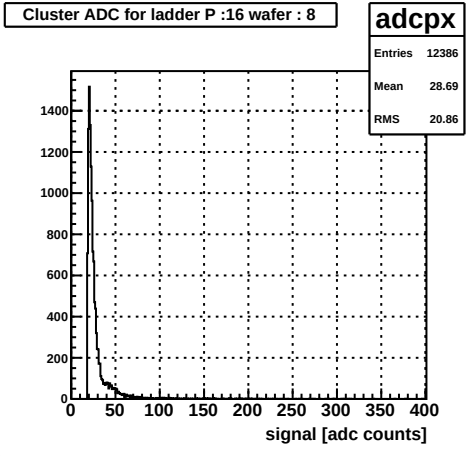

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 12124
Mean 27.07
RMS 21.31
signal [adc counts]

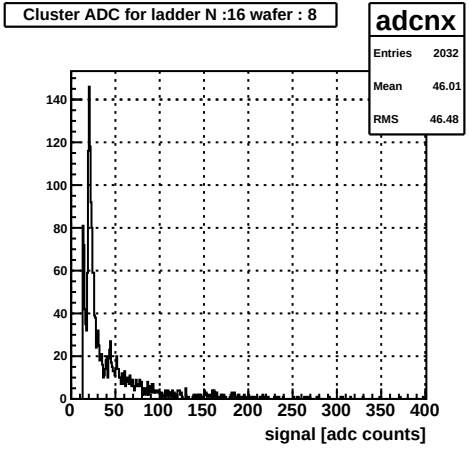

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 1878
Mean 37.25
RMS 41.83
signal [adc counts]

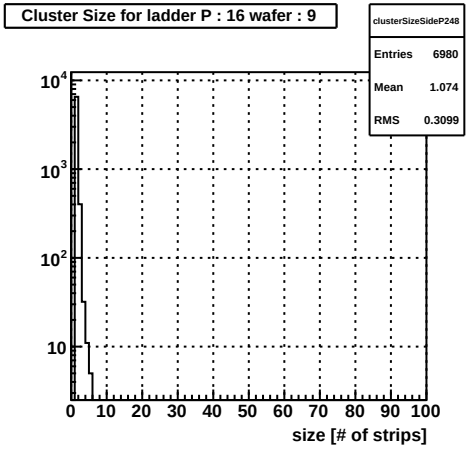

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 12386
Mean 1.096
RMS 0.3396
size [# of strips]

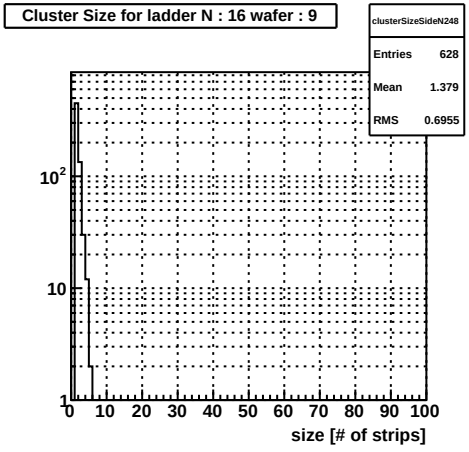

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 2032
Mean 1.449
RMS 0.8582
size [# of strips]

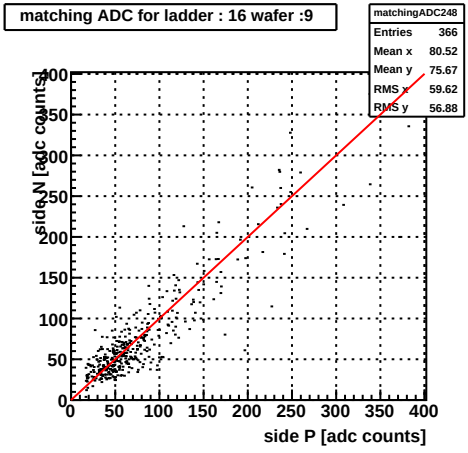

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 558
Mean x 75.97
Mean y 75.33
RMS x 59.92
RMS y 58.27
side N [adc counts]
side P [adc counts]

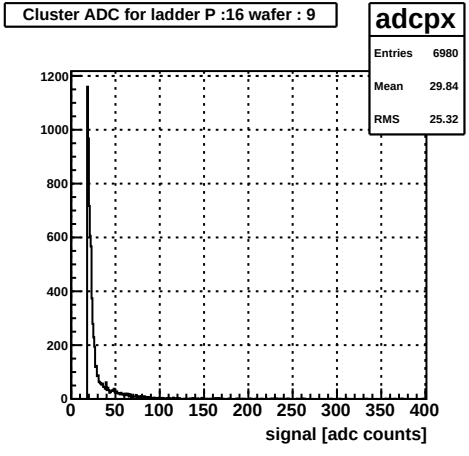

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 12386
Mean 28.69
RMS 20.86
signal [adc counts]

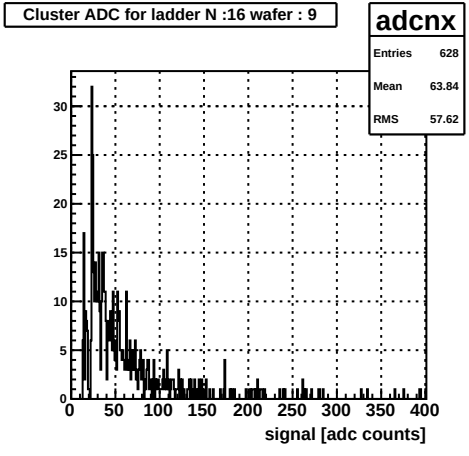

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 2032
Mean 46.01
RMS 46.48
signal [adc counts]

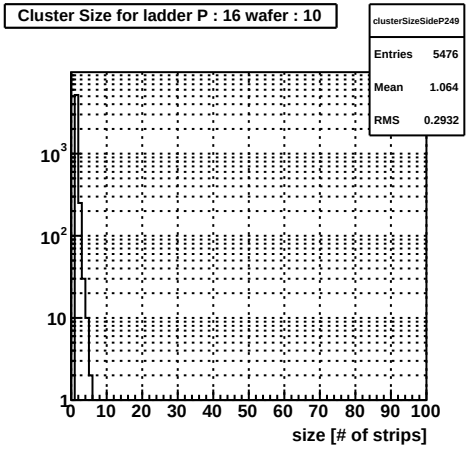

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 6980
Mean 1.074
RMS 0.3099
size [# of strips]

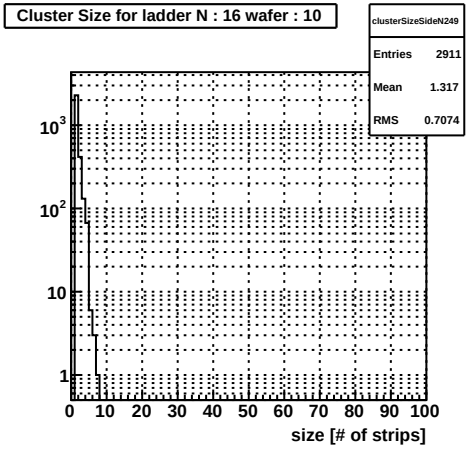

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 628
Mean 1.379
RMS 0.6955
size [# of strips]

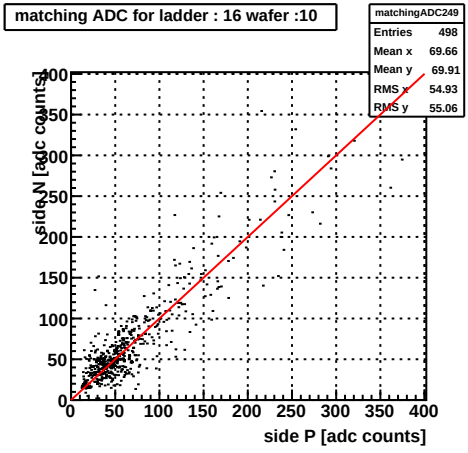

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 366
Mean x 80.52
Mean y 75.67
RMS x 59.62
RMS y 56.88
side N [adc counts]
side P [adc counts]

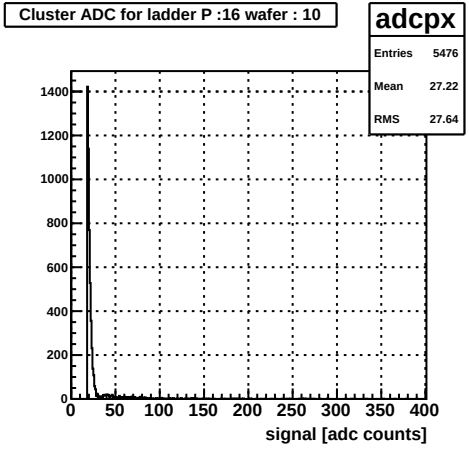

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 6980
Mean 29.84
RMS 25.32
signal [adc counts]

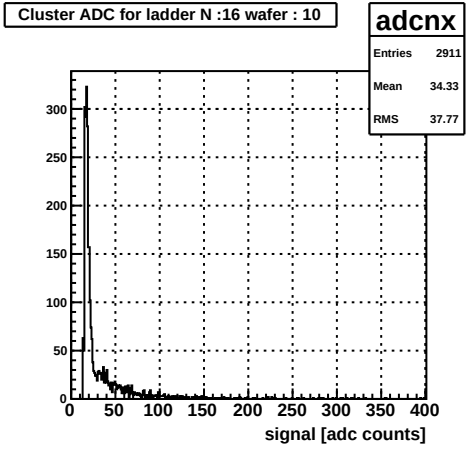

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 628
Mean 63.84
RMS 57.62
signal [adc counts]

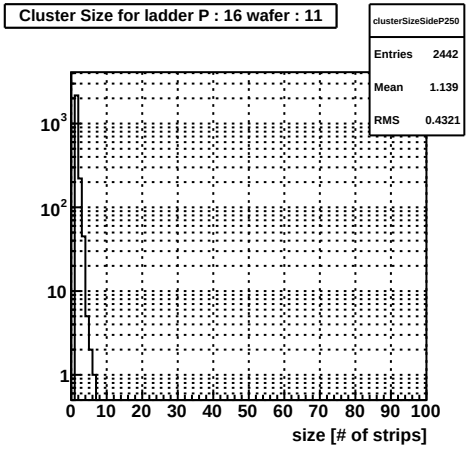

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 5476
Mean 1.064
RMS 0.2932
size [# of strips]

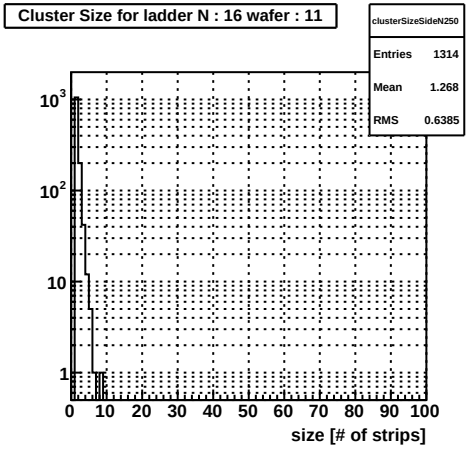

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 2911
Mean 1.317
RMS 0.7074
size [# of strips]

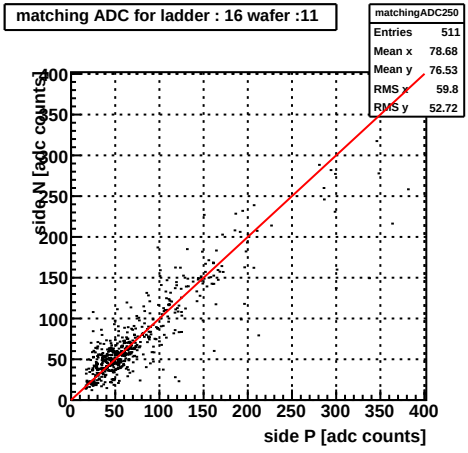

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 498
Mean x 69.66
Mean y 69.91
RMS x 54.93
RMS y 55.06
side N [adc counts]
side P [adc counts]

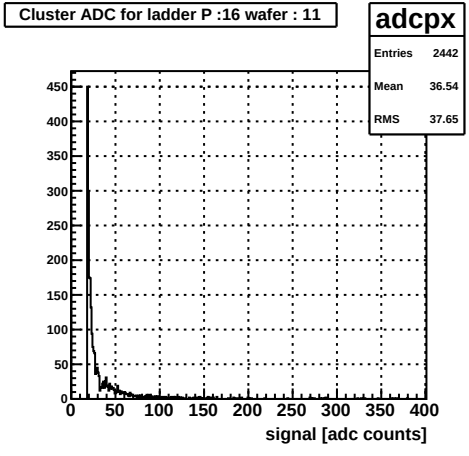

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 5476
Mean 27.22
RMS 27.64
signal [adc counts]

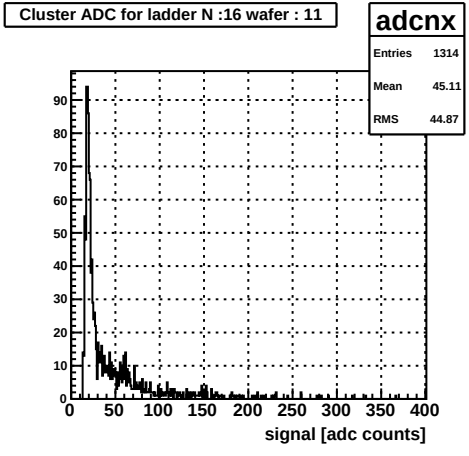

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 2911
Mean 34.33
RMS 37.77
signal [adc counts]

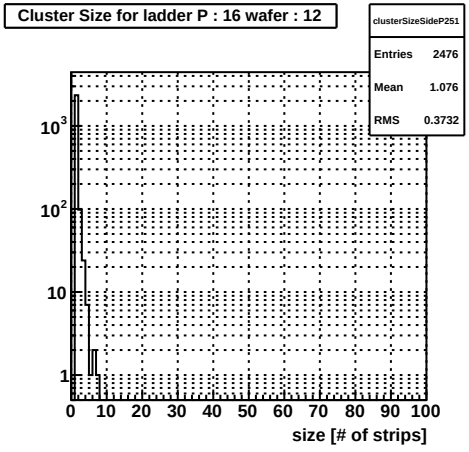

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 2442
Mean 1.139
RMS 0.4321
size [# of strips]

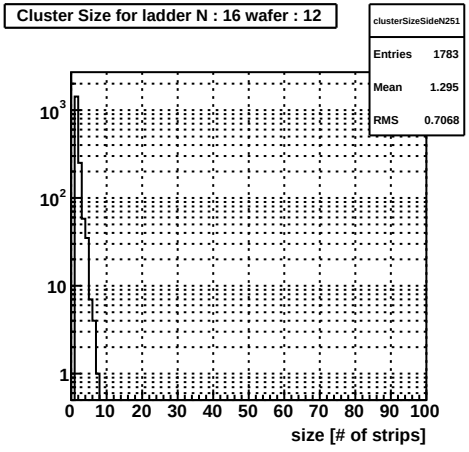

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 1314
Mean 1.268
RMS 0.6385
size [# of strips]

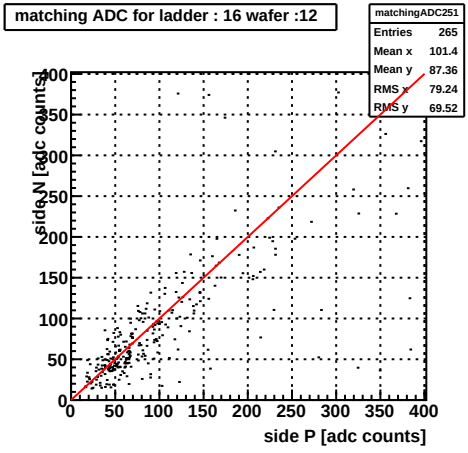

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 511
Mean x 78.68
Mean y 76.53
RMS x 59.8
RMS y 52.72
side N [adc counts]
side P [adc counts]

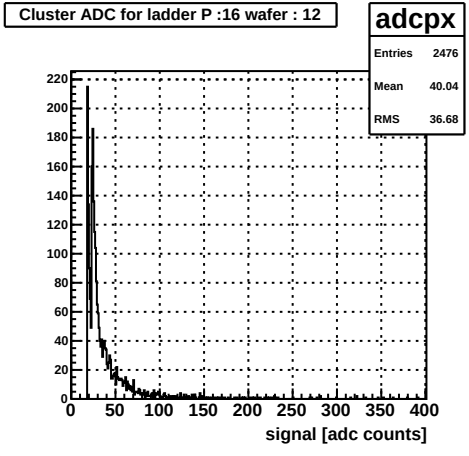

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 2442
Mean 36.54
RMS 37.65
signal [adc counts]

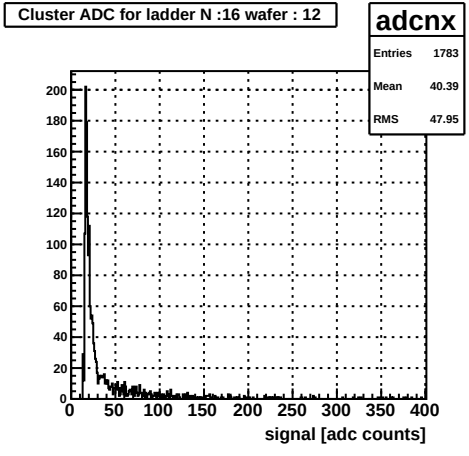

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 1314
Mean 45.11
RMS 44.87
signal [adc counts]

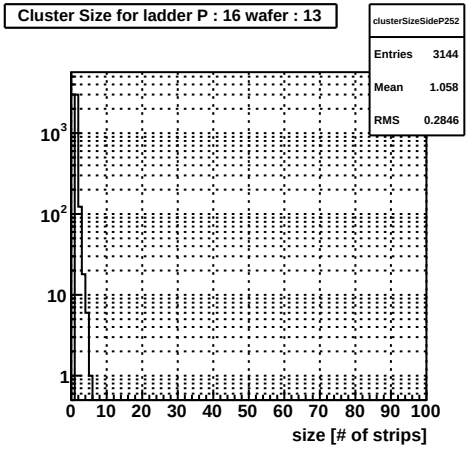

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 2476
Mean 1.076
RMS 0.3732
size [# of strips]

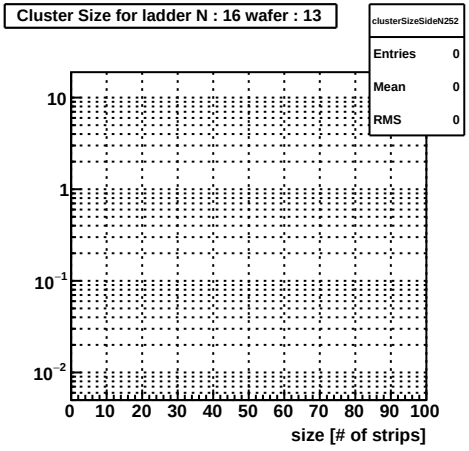

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 1783
Mean 1.295
RMS 0.7068
size [# of strips]

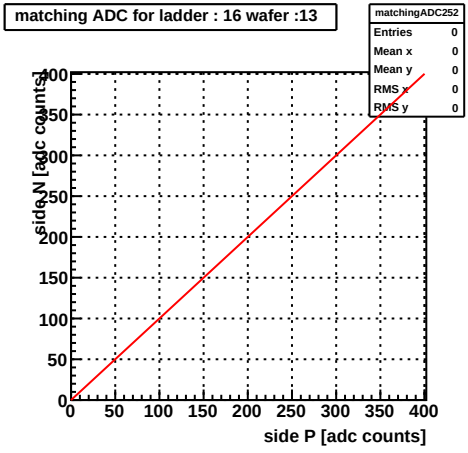

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 265
Mean x 101.4
Mean y 87.36
RMS x 79.24
RMS y 69.52
side N [adc counts]
side P [adc counts]

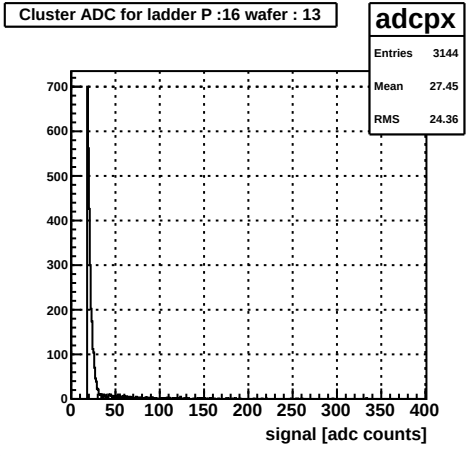

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 2476
Mean 40.04
RMS 36.68
signal [adc counts]

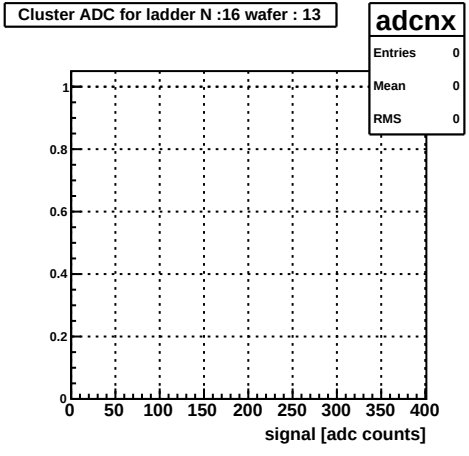

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 1783
Mean 40.39
RMS 47.95
signal [adc counts]

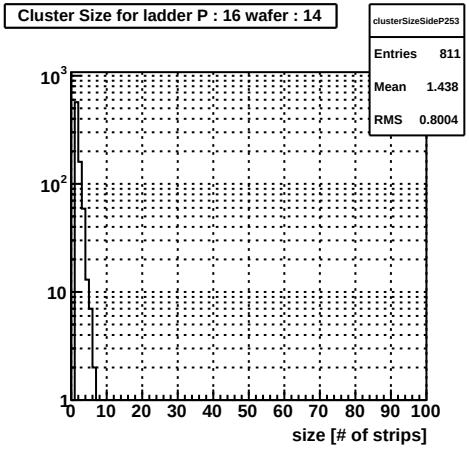

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 3144
Mean 1.058
RMS 0.2846
size [# of strips]

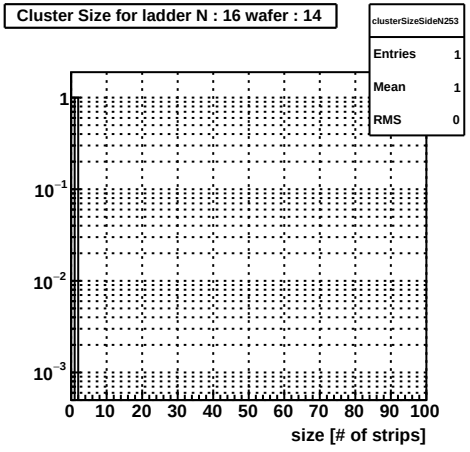

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

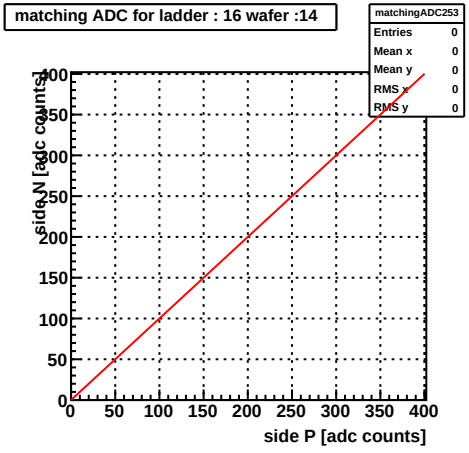

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

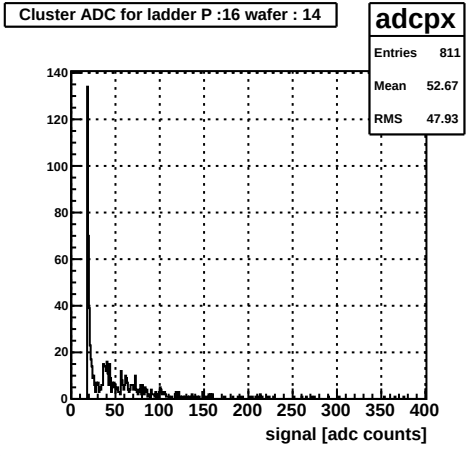

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 3144
Mean 27.45
RMS 24.36
signal [adc counts]

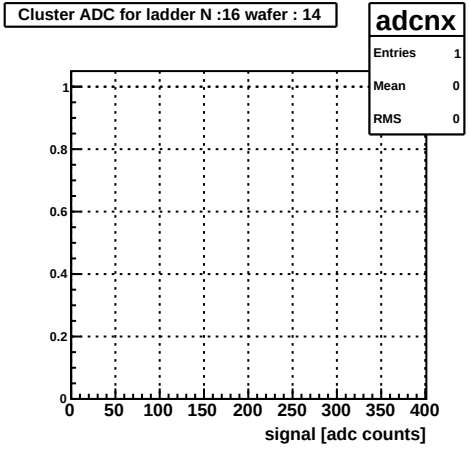

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

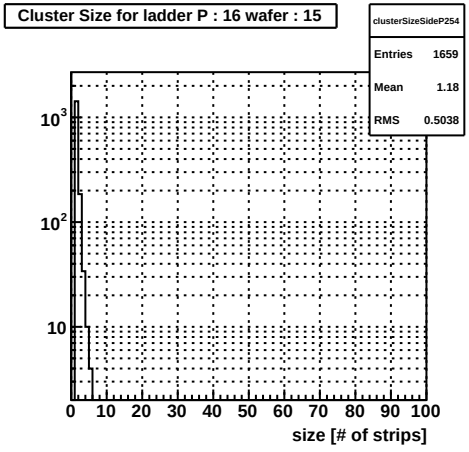

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 811
Mean 1.438
RMS 0.8004
size [# of strips]

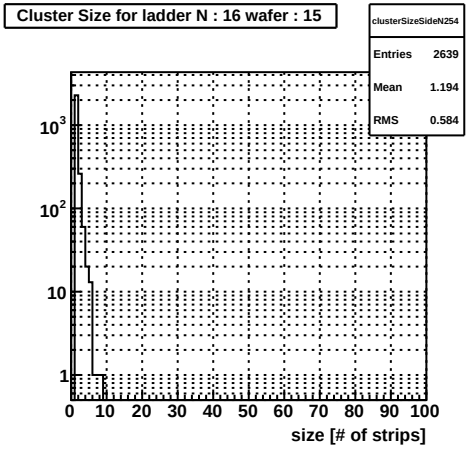

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 1
Mean 1
RMS 0
size [# of strips]

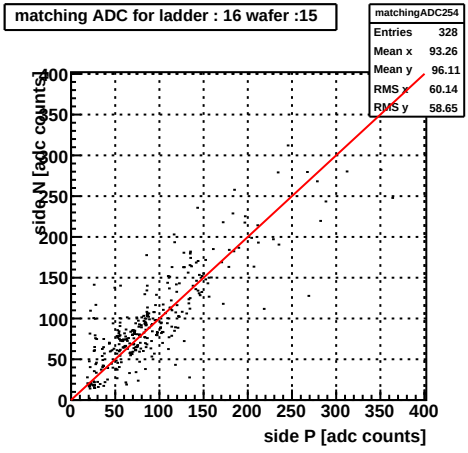

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

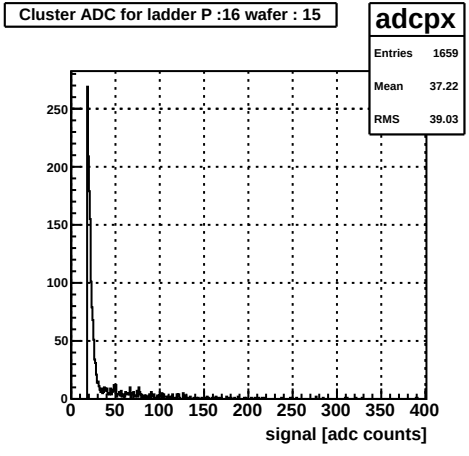

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 811
Mean 52.67
RMS 47.93
signal [adc counts]

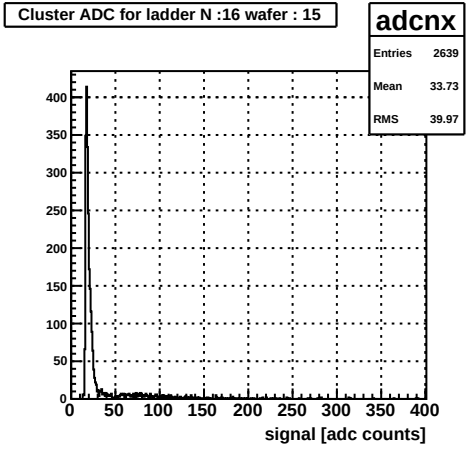

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

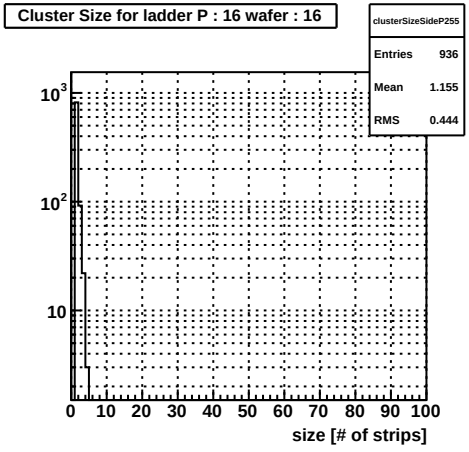

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 1659
Mean 1.18
RMS 0.5038
size [# of strips]

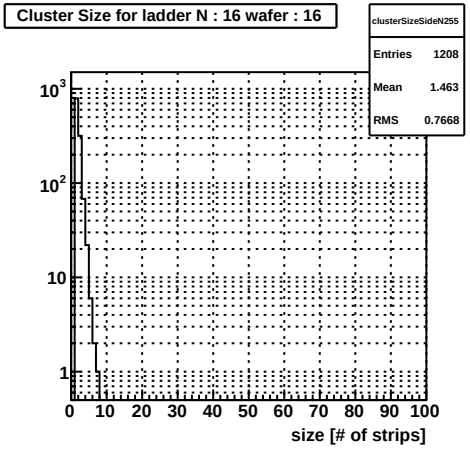

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 2639
Mean 1.194
RMS 0.584
size [# of strips]

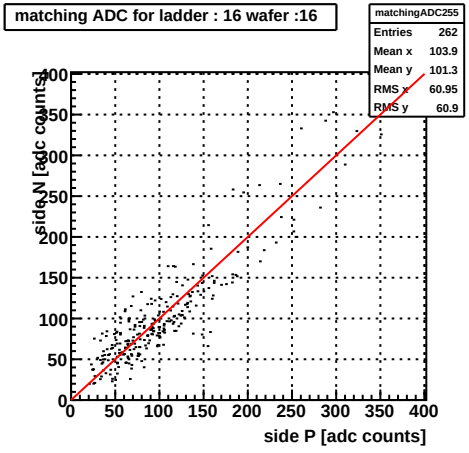

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 328
Mean x 93.26
Mean y 96.11
RMS x 60.14
RMS y 58.65
side N [adc counts]
side P [adc counts]

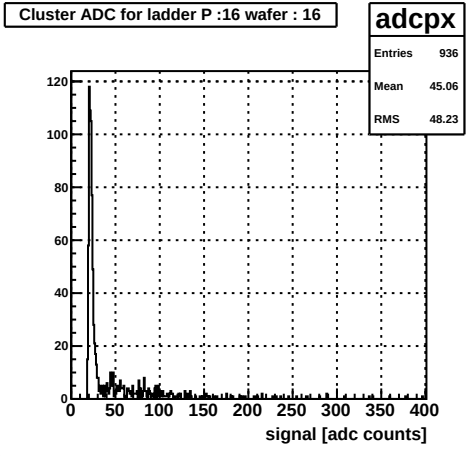

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 1659
Mean 37.22
RMS 39.03
signal [adc counts]

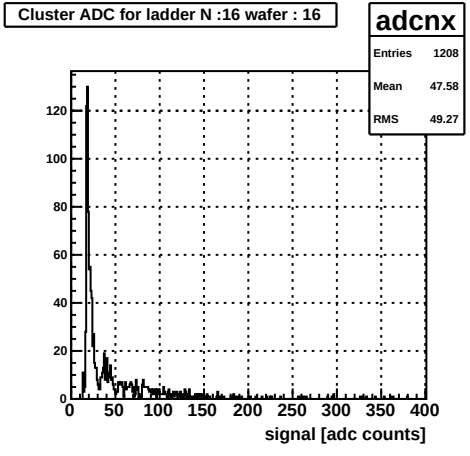

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 2639
Mean 33.73
RMS 39.97
signal [adc counts]

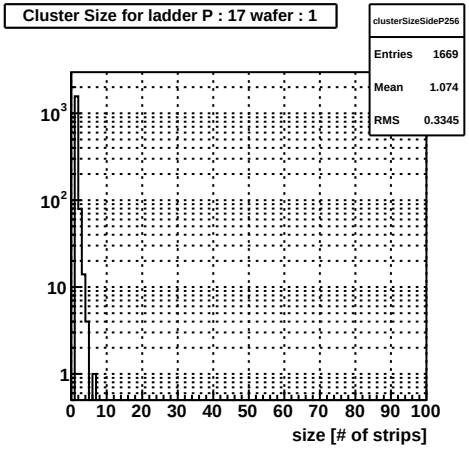

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 936
Mean 1.155
RMS 0.444
size [# of strips]

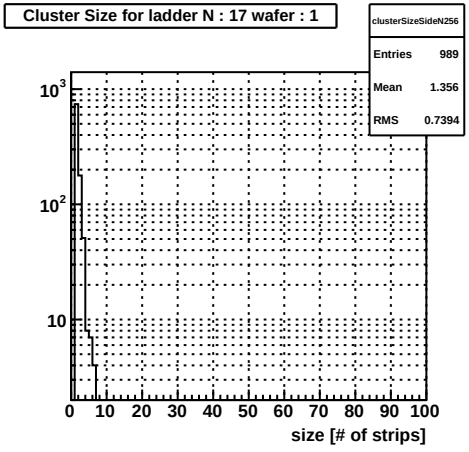

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 1208
Mean 1.463
RMS 0.7668
size [# of strips]

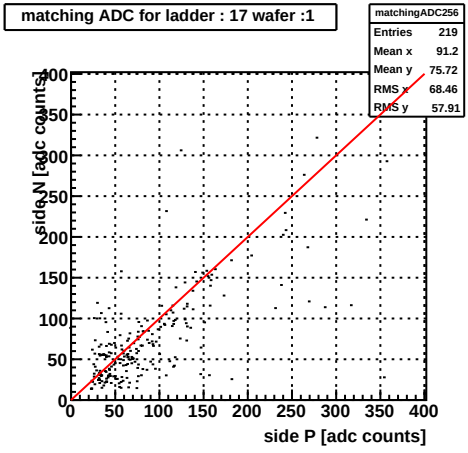

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 262
Mean x 103.9
Mean y 101.3
RMS x 60.95
RMS y 60.9
side N [adc counts]
side P [adc counts]

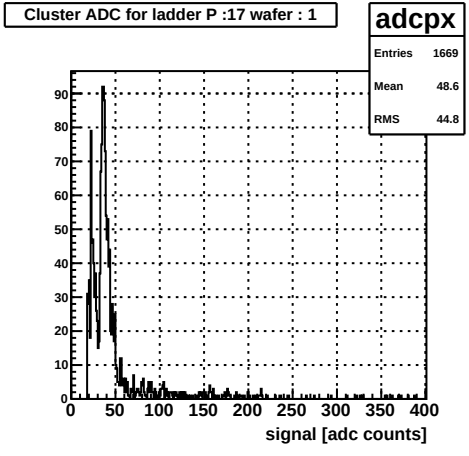

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 936
Mean 45.06
RMS 48.23
signal [adc counts]

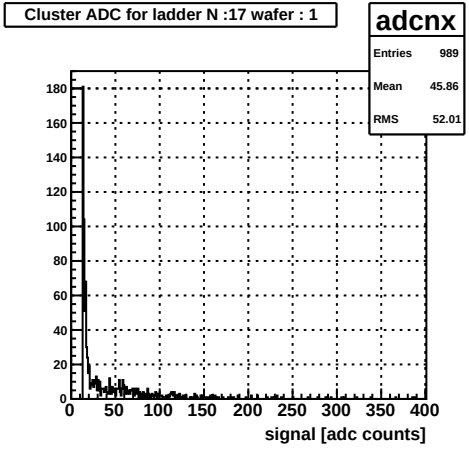

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 1208
Mean 47.58
RMS 49.27
signal [adc counts]

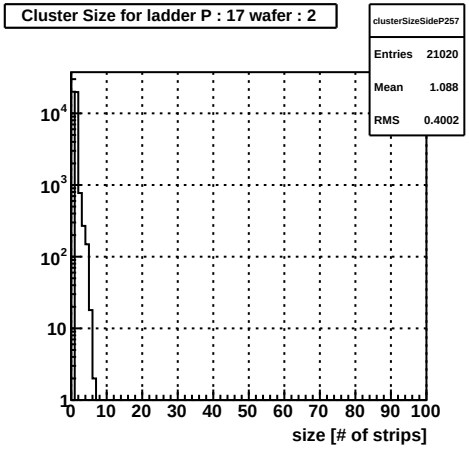

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 1669
Mean 1.074
RMS 0.3345
size [# of strips]

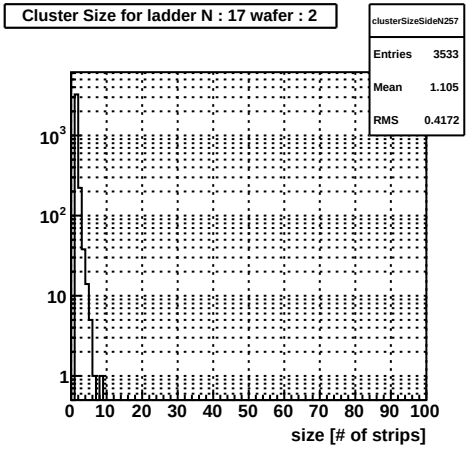

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 989
Mean 1.356
RMS 0.7394
size [# of strips]

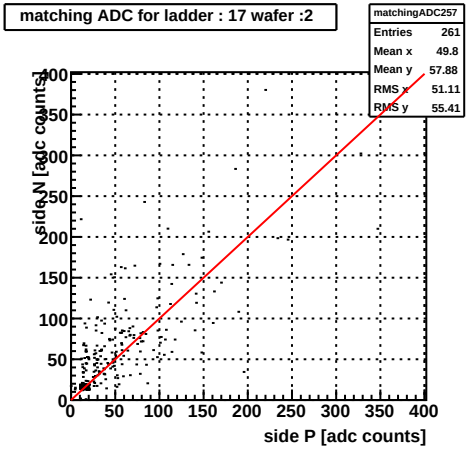

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 219
Mean x 91.2
Mean y 75.72
RMS x 68.46
RMS y 57.91
side N [adc counts]
side P [adc counts]

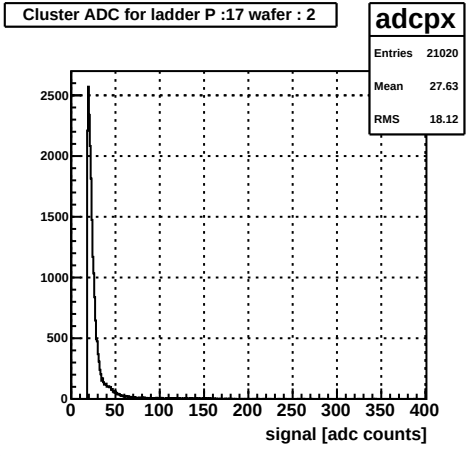

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 1669
Mean 48.6
RMS 44.8
signal [adc counts]

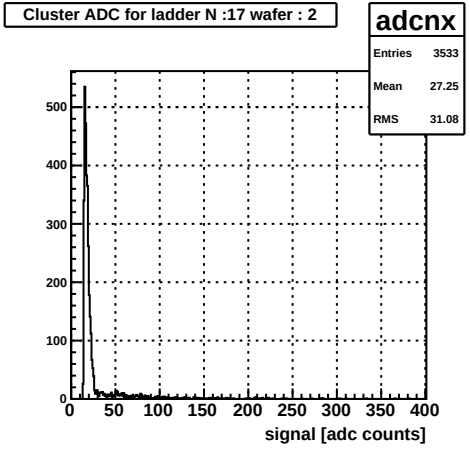

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 989
Mean 45.86
RMS 52.01
signal [adc counts]

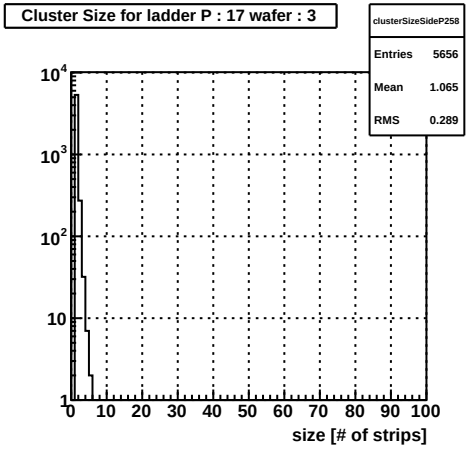

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 21020
Mean 1.088
RMS 0.4002
size [# of strips]

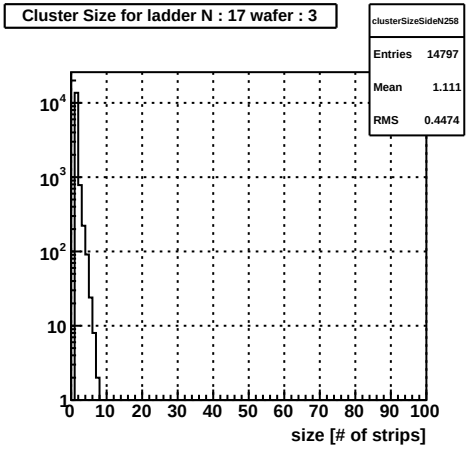

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 3533
Mean 1.105
RMS 0.4172
size [# of strips]

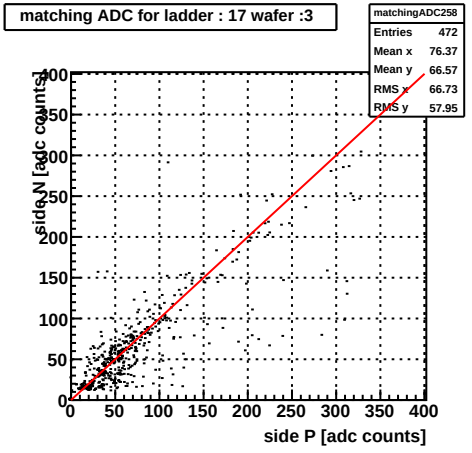

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 261
Mean x 49.8
Mean y 57.88
RMS x 51.11
RMS y 55.41
side N [adc counts]
side P [adc counts]

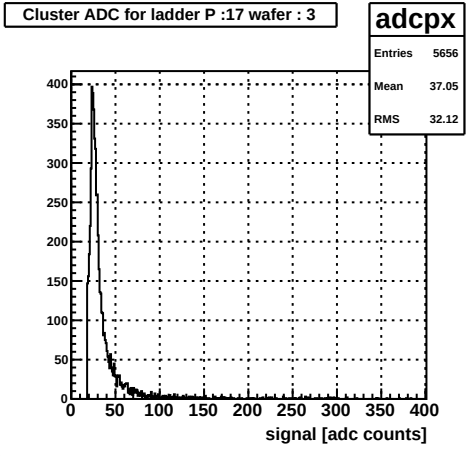

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 21020
Mean 27.63
RMS 18.12
signal [adc counts]

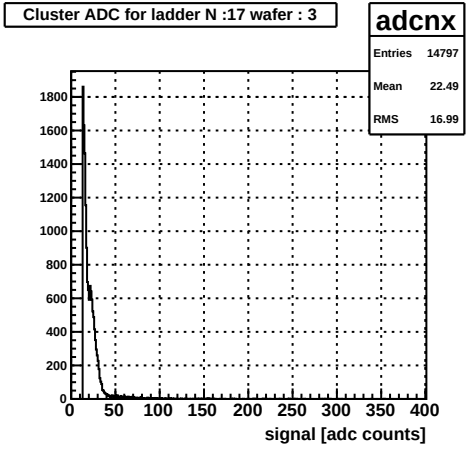

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 3533
Mean 27.25
RMS 31.08
signal [adc counts]

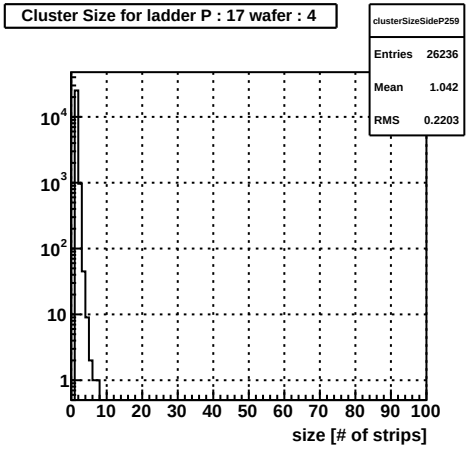

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 5656
Mean 1.065
RMS 0.289
size [# of strips]

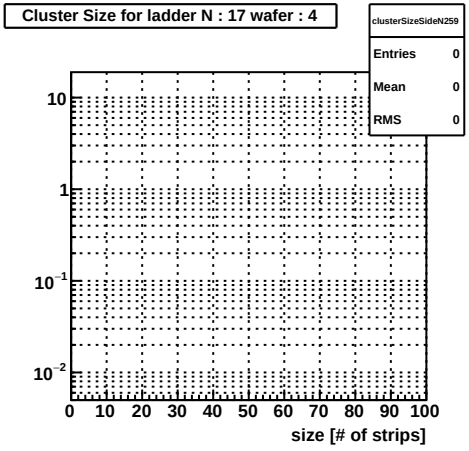

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 14797
Mean 1.111
RMS 0.4474
size [# of strips]

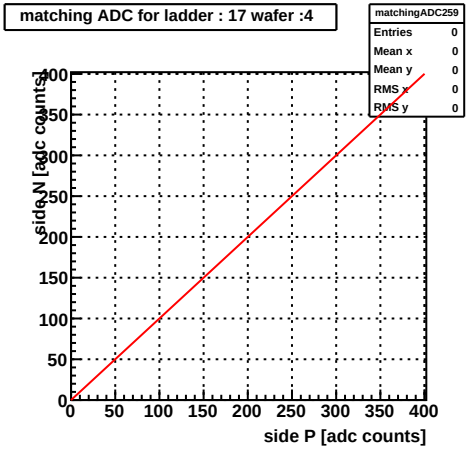

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 472
Mean x 76.37
Mean y 66.57
RMS x 66.73
RMS y 57.95
side N [adc counts]
side P [adc counts]

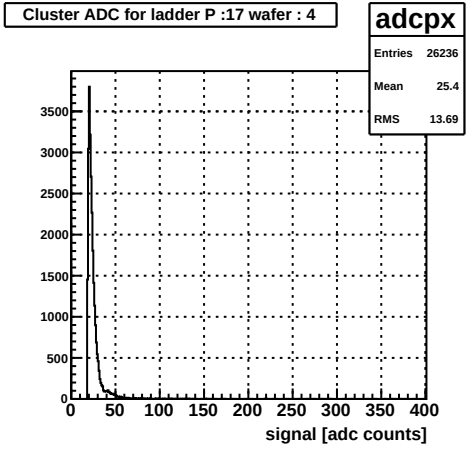

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 5656
Mean 37.05
RMS 32.12
signal [adc counts]

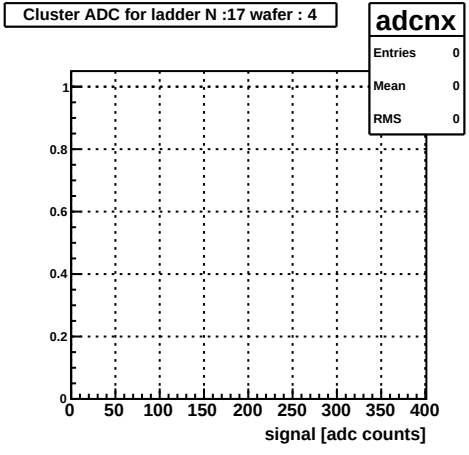

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 14797
Mean 22.49
RMS 16.99
signal [adc counts]

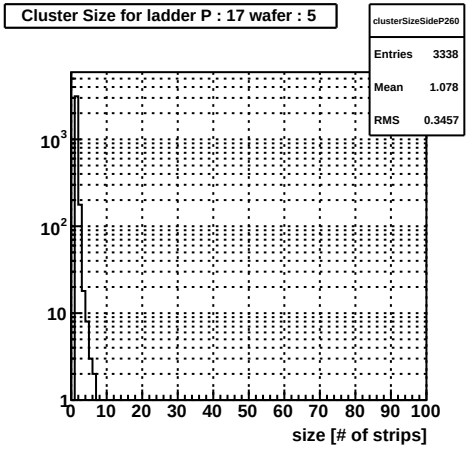

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 26236
Mean 1.042
RMS 0.2203
size [# of strips]

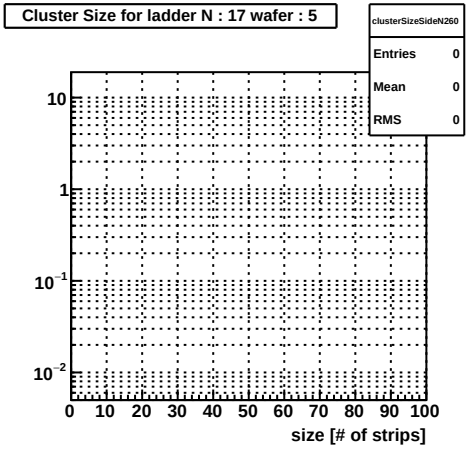

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

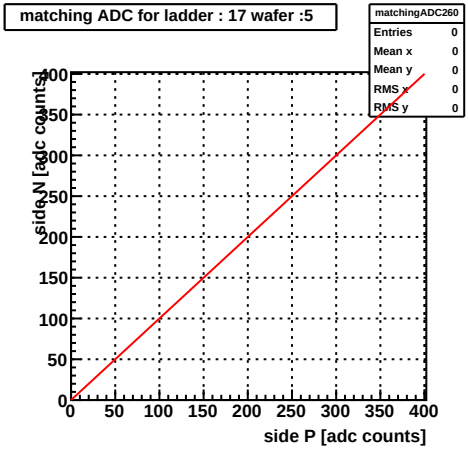

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

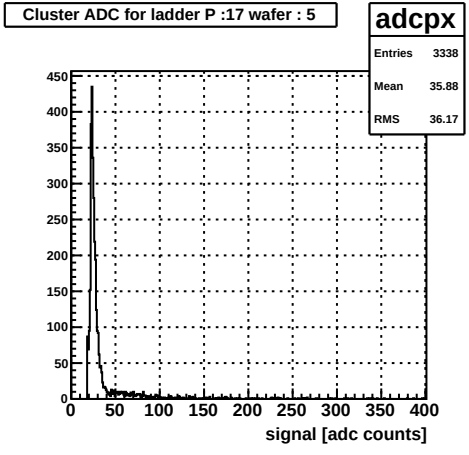

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 26236
Mean 25.4
RMS 13.69
signal [adc counts]

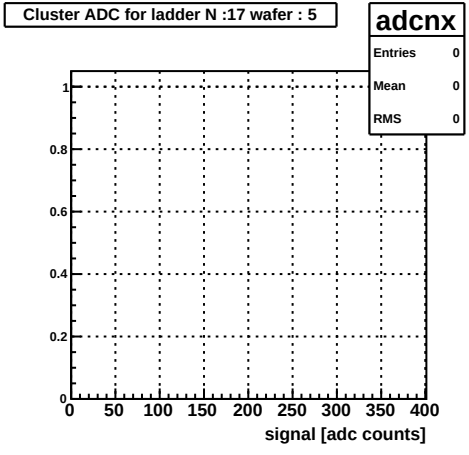

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

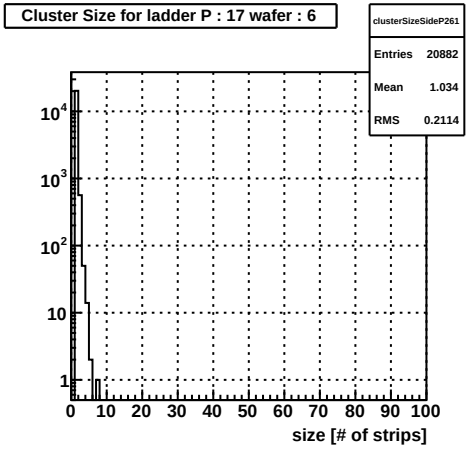

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 3338
Mean 1.078
RMS 0.3457
size [# of strips]

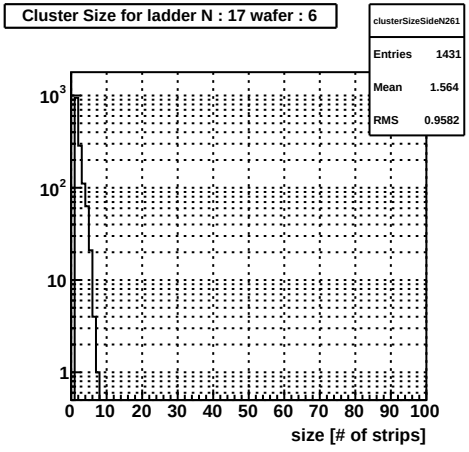

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

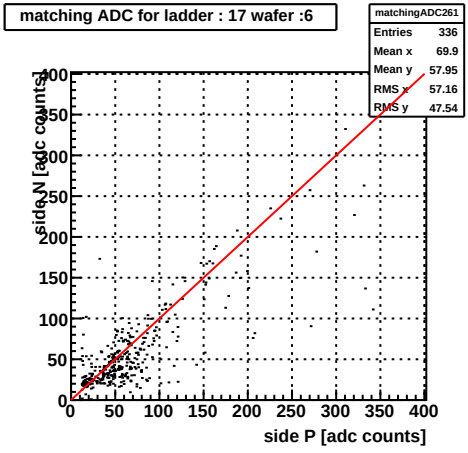

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

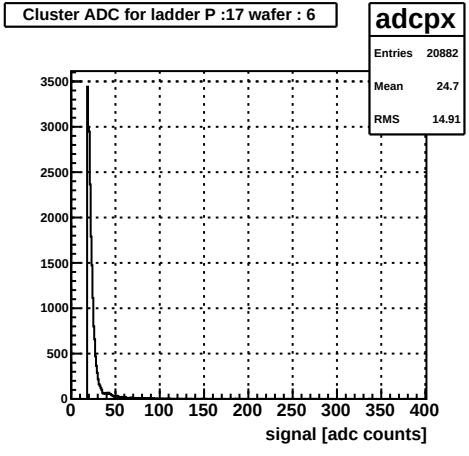

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 3338
Mean 35.88
RMS 36.17
signal [adc counts]

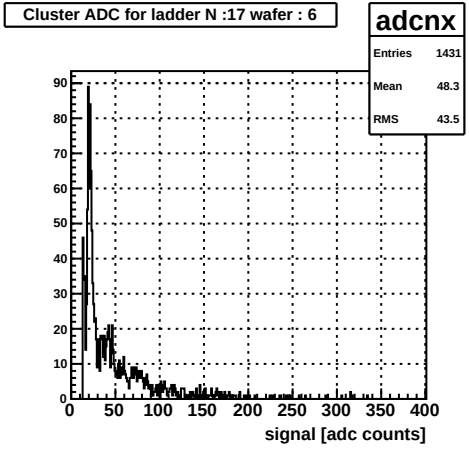

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

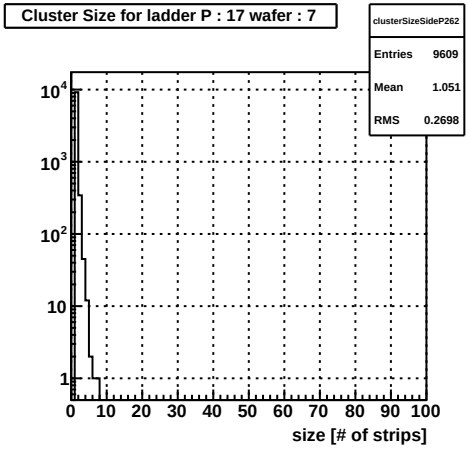

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 20882
Mean 1.034
RMS 0.2114
size [# of strips]

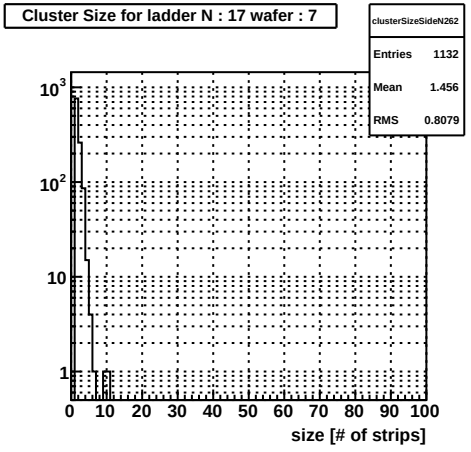

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 1431
Mean 1.564
RMS 0.9582
size [# of strips]

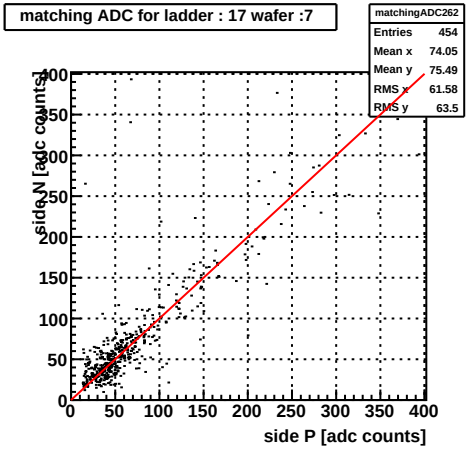

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 336
Mean x 69.9
Mean y 57.95
RMS x 57.16
RMS y 47.54
side N [adc counts]
side P [adc counts]

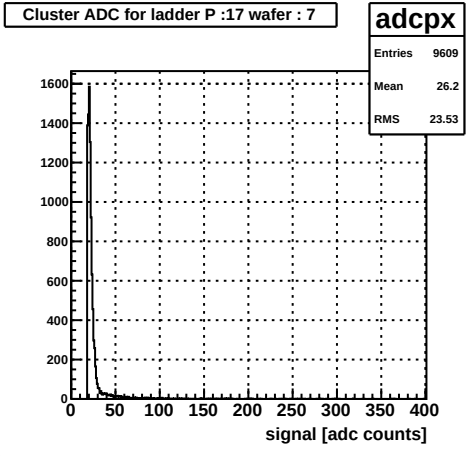

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 20882
Mean 24.7
RMS 14.91
signal [adc counts]

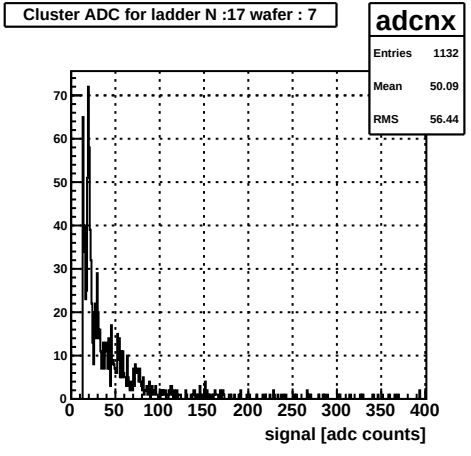

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 1431
Mean 48.3
RMS 43.5
signal [adc counts]

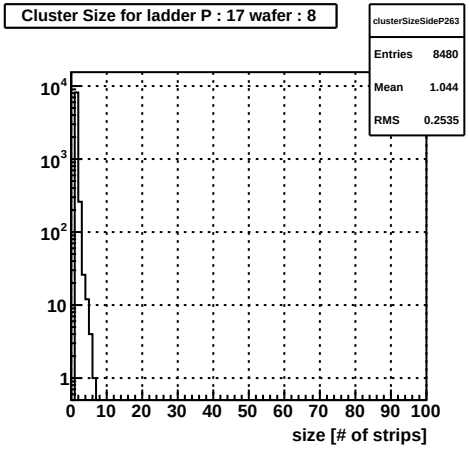

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 9609
Mean 1.051
RMS 0.2698
size [# of strips]

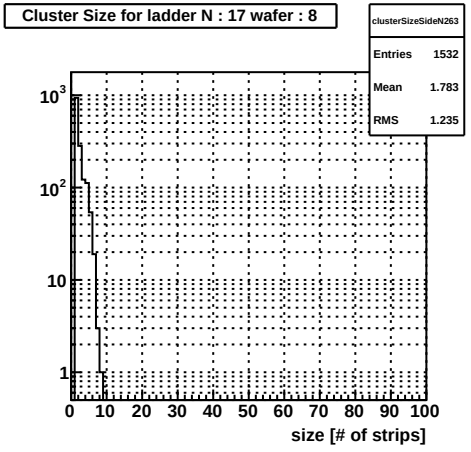

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 1132
Mean 1.456
RMS 0.8079
size [# of strips]

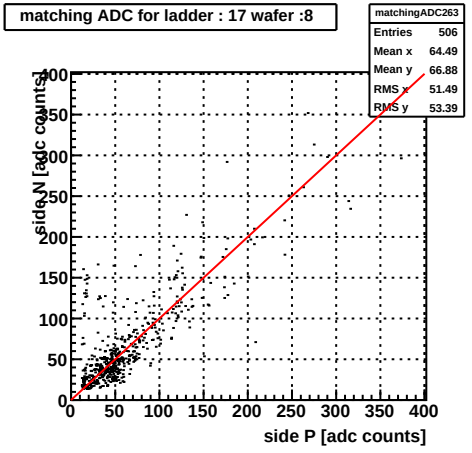

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 454
Mean x 74.05
Mean y 75.49
RMS x 61.58
RMS y 63.5
side N [adc counts]
side P [adc counts]

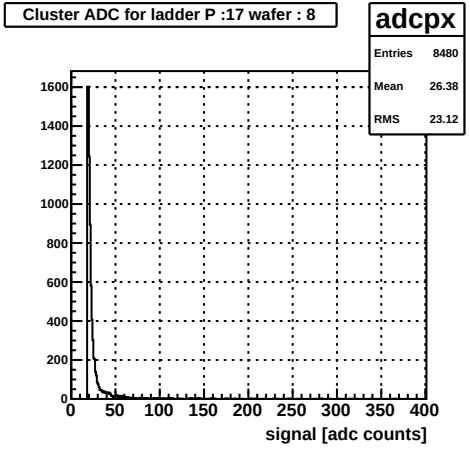

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 9609
Mean 26.2
RMS 23.53
signal [adc counts]

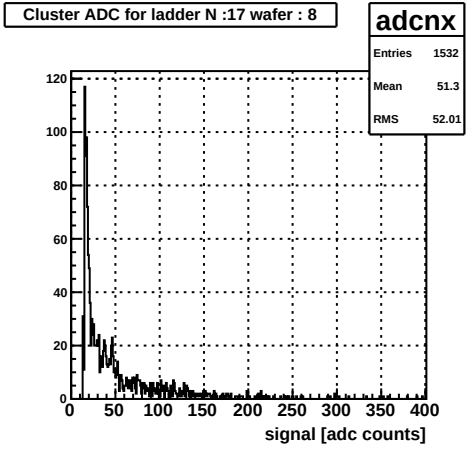

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 1132
Mean 50.09
RMS 56.44
signal [adc counts]

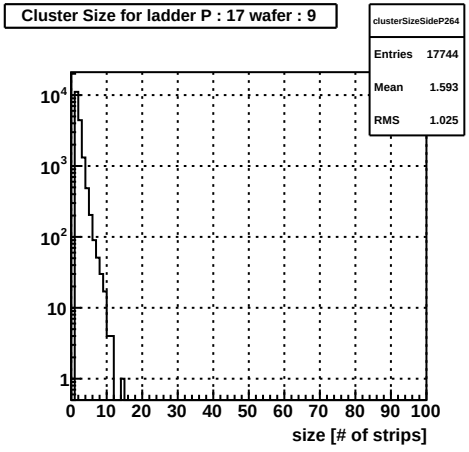

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 8480
Mean 1.044
RMS 0.2535
size [# of strips]

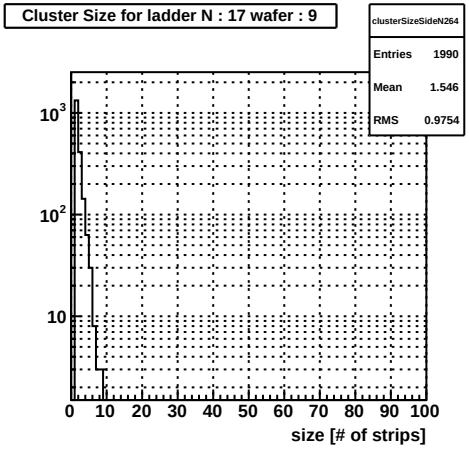

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 1532
Mean 1.783
RMS 1.235
size [# of strips]

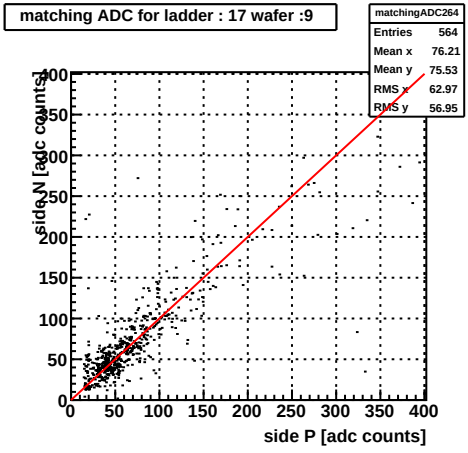

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 506
Mean x 64.49
Mean y 66.88
RMS x 51.49
RMS y 53.39
side N [adc counts]
side P [adc counts]

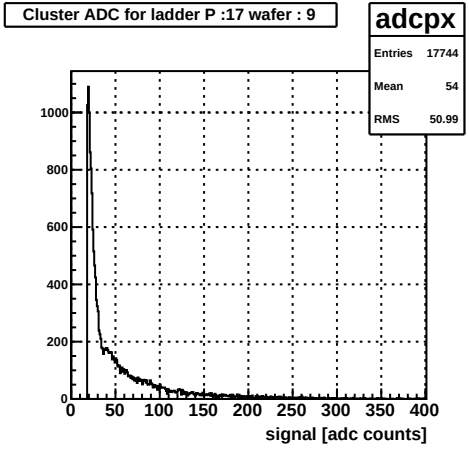

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 8480
Mean 26.38
RMS 23.12
signal [adc counts]

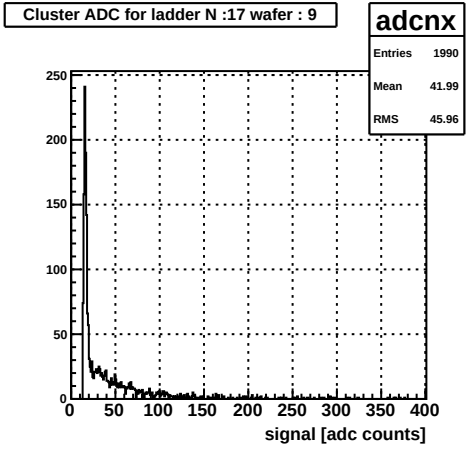

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 1532
Mean 51.3
RMS 52.01
signal [adc counts]

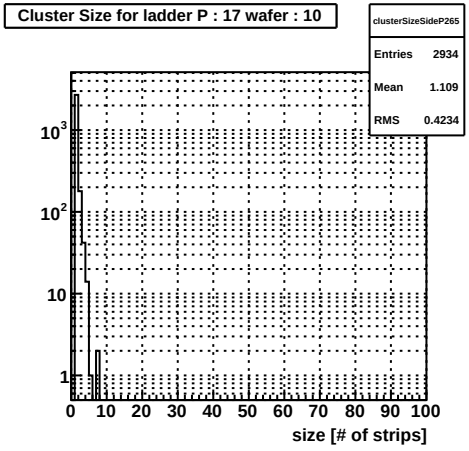

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 17744
Mean 1.593
RMS 1.025
size [# of strips]

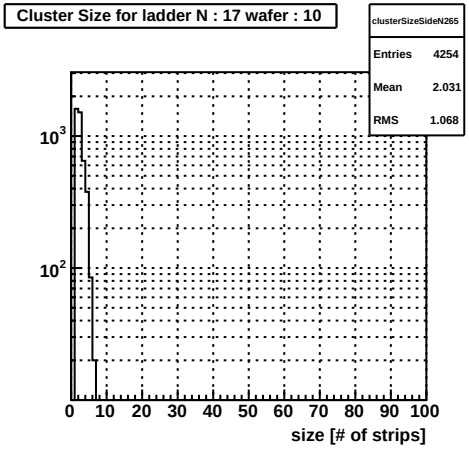

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 1990
Mean 1.546
RMS 0.9754
size [# of strips]

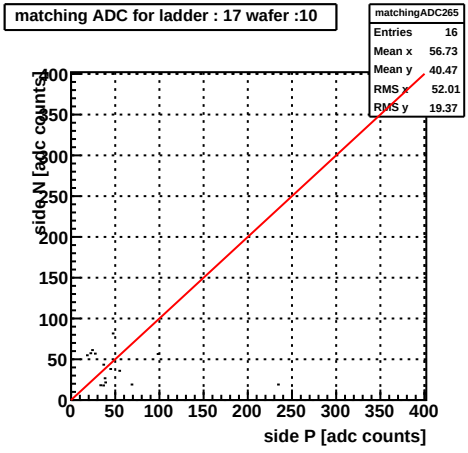

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 564
Mean x 76.21
Mean y 75.53
RMS x 62.97
RMS y 56.95
side N [adc counts]
side P [adc counts]

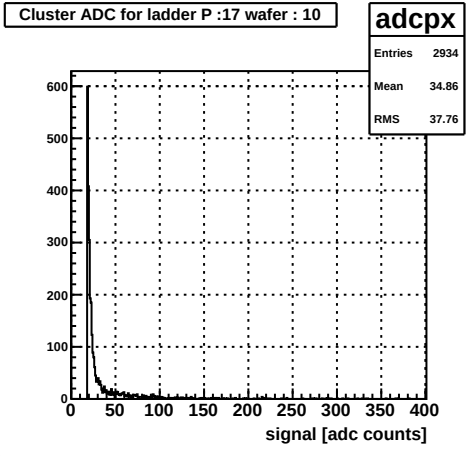

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 17744
Mean 54
RMS 50.99
signal [adc counts]

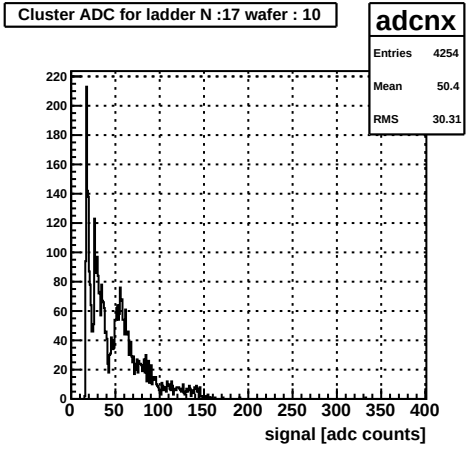

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 1990
Mean 41.99
RMS 45.96
signal [adc counts]

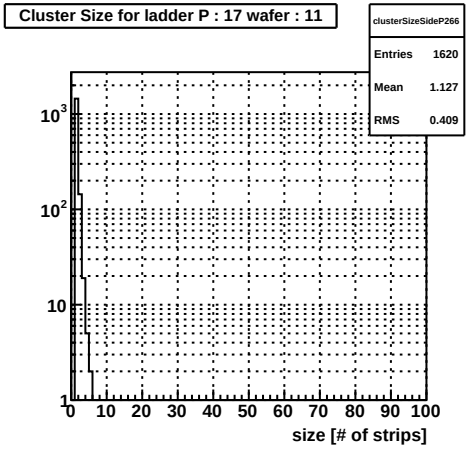

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 2934
Mean 1.109
RMS 0.4234
size [# of strips]

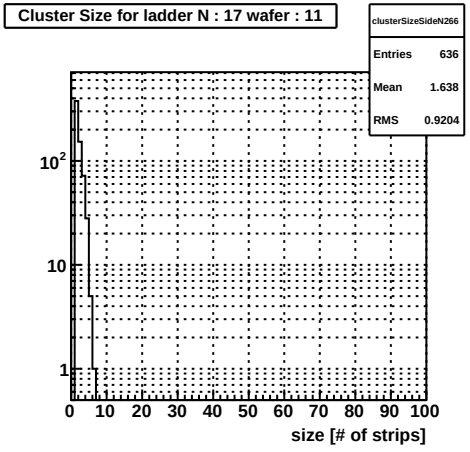

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 4254
Mean 2.031
RMS 1.068
size [# of strips]

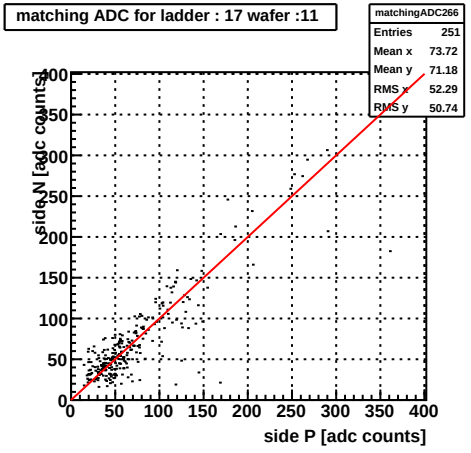

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 16
Mean x 56.73
Mean y 40.47
RMS x 52.01
RMS y 19.37
side N [adc counts]
side P [adc counts]

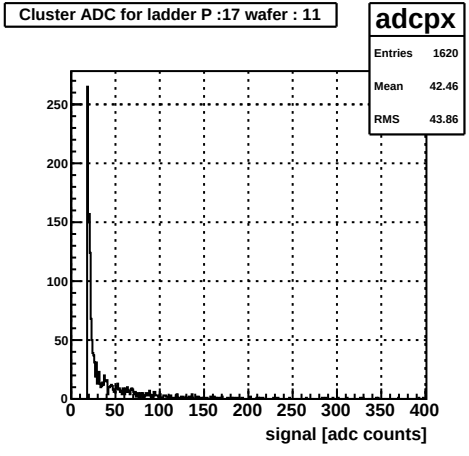

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 2934
Mean 34.86
RMS 37.76
signal [adc counts]

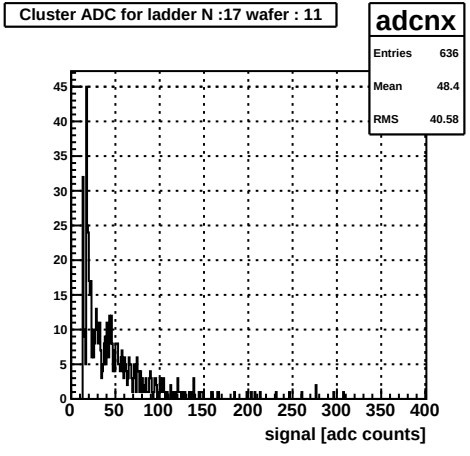

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 4254
Mean 50.4
RMS 30.31
signal [adc counts]

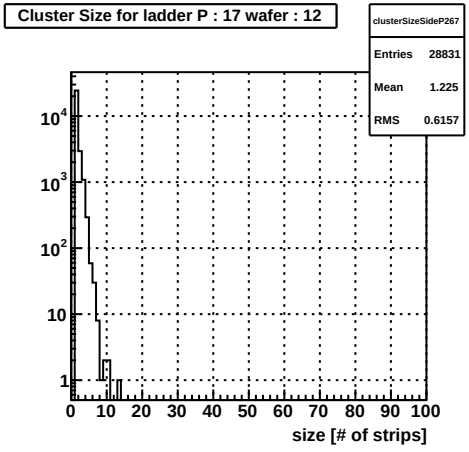

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 1620
Mean 1.127
RMS 0.409
size [# of strips]

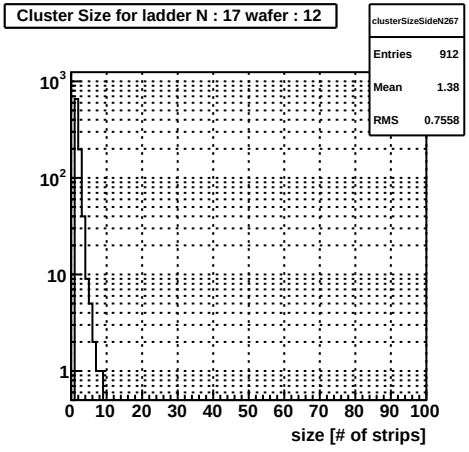

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 636
Mean 1.638
RMS 0.9204
size [# of strips]

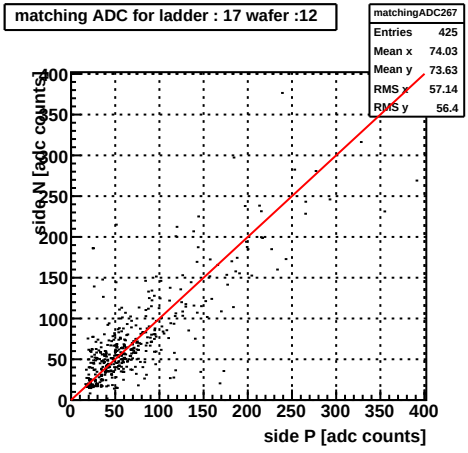

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 251
Mean x 73.72
Mean y 71.18
RMS x 52.29
RMS y 50.74
side N [adc counts]
side P [adc counts]

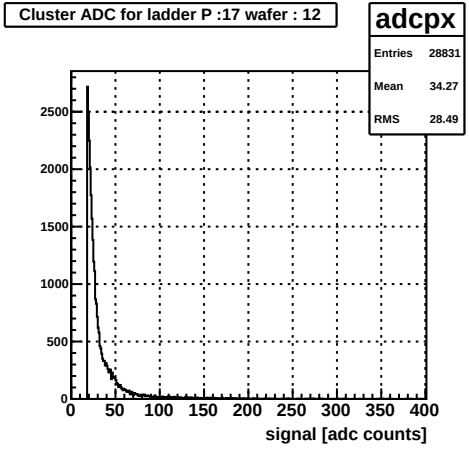

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 1620
Mean 42.46
RMS 43.86
signal [adc counts]

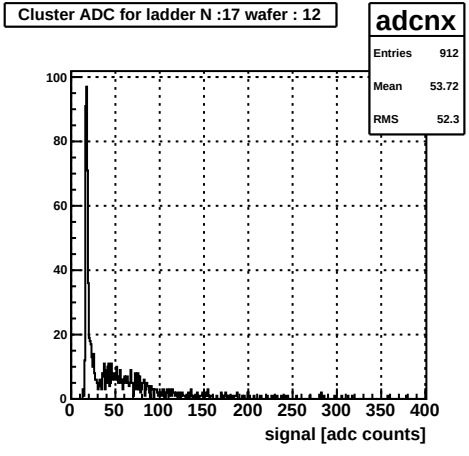

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 636
Mean 48.4
RMS 40.58
signal [adc counts]

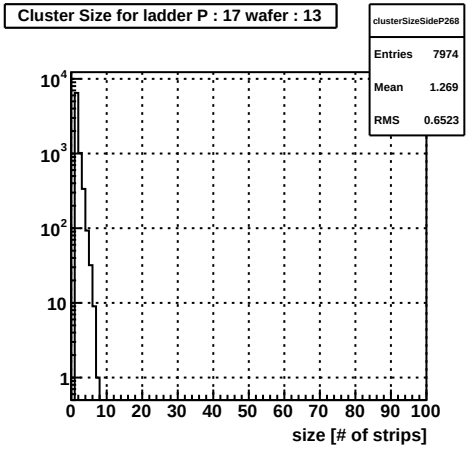

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 28831
Mean 1.225
RMS 0.6157
size [# of strips]

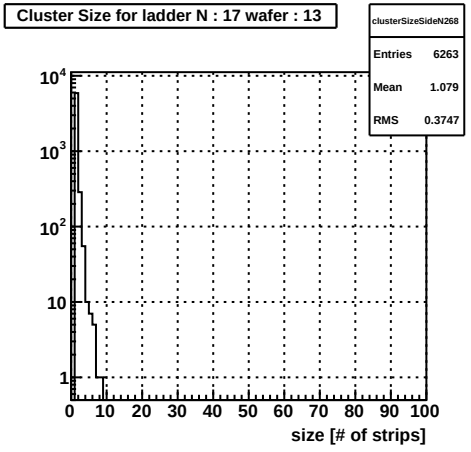

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 912
Mean 1.38
RMS 0.7558
size [# of strips]

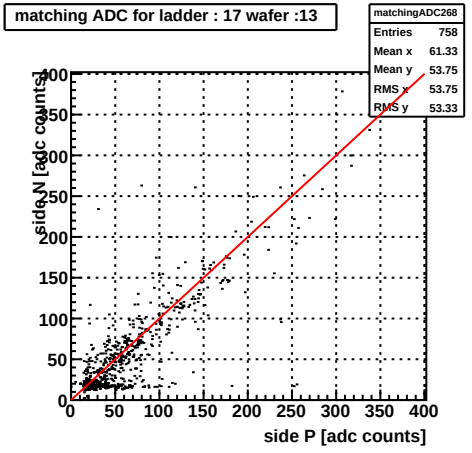

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 425
Mean x 74.03
Mean y 73.63
RMS x 57.14
RMS y 56.4
side N [adc counts]
side P [adc counts]

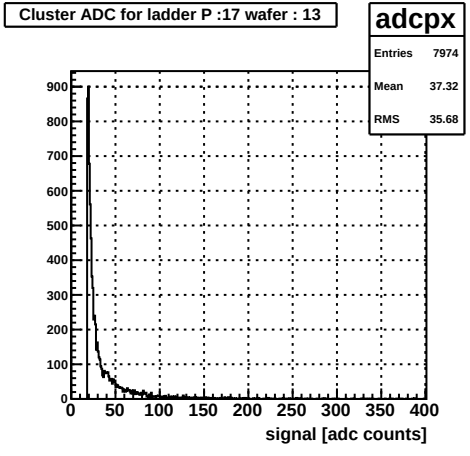

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 28831
Mean 34.27
RMS 28.49
signal [adc counts]

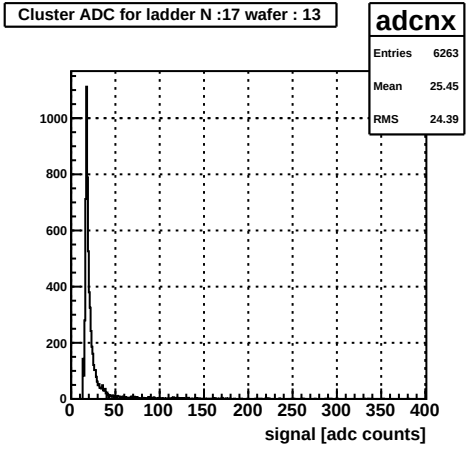

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 912
Mean 53.72
RMS 52.3
signal [adc counts]

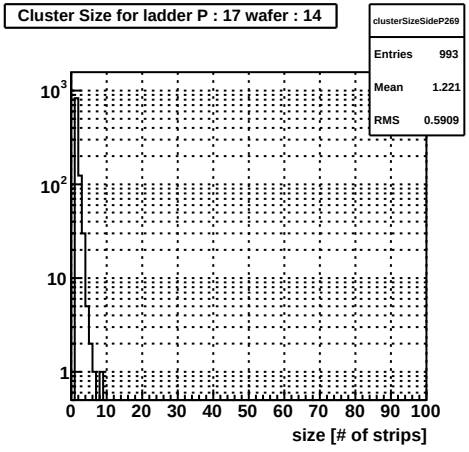

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 7974
Mean 1.269
RMS 0.6523
size [# of strips]

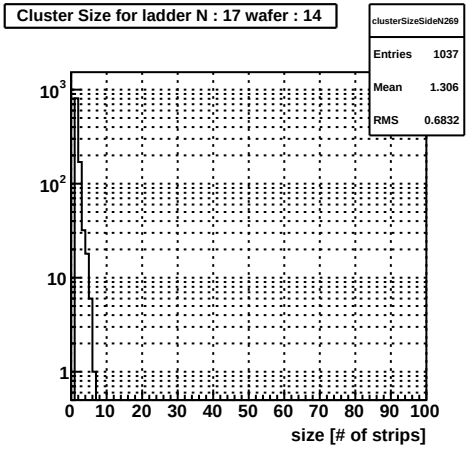

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 6263
Mean 1.079
RMS 0.3747
size [# of strips]

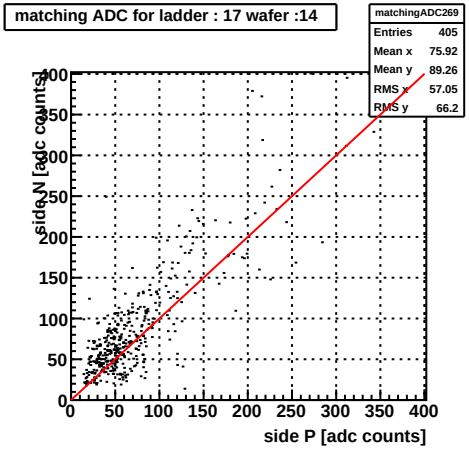

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 758
Mean x 61.33
Mean y 53.75
RMS x 53.75
RMS y 53.33
side N [adc counts]
side P [adc counts]

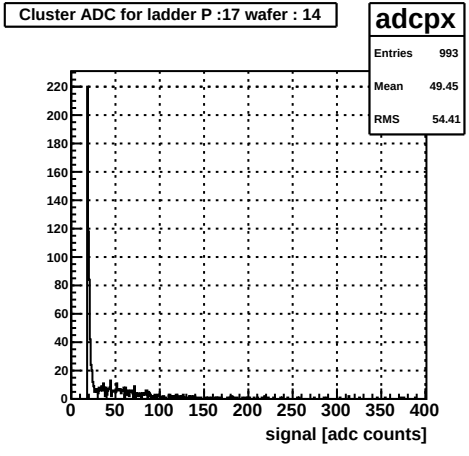

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 7974
Mean 37.32
RMS 35.68
signal [adc counts]

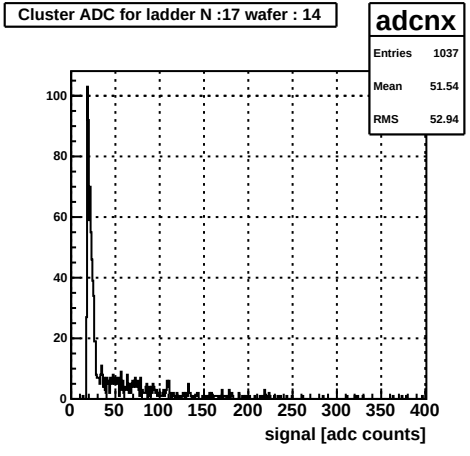

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 6263
Mean 25.45
RMS 24.39
signal [adc counts]

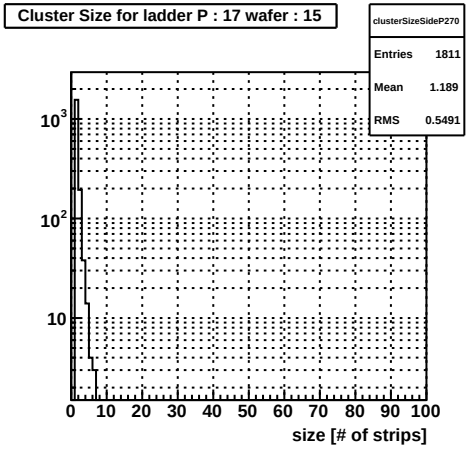

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 993
Mean 1.221
RMS 0.5909
size [# of strips]

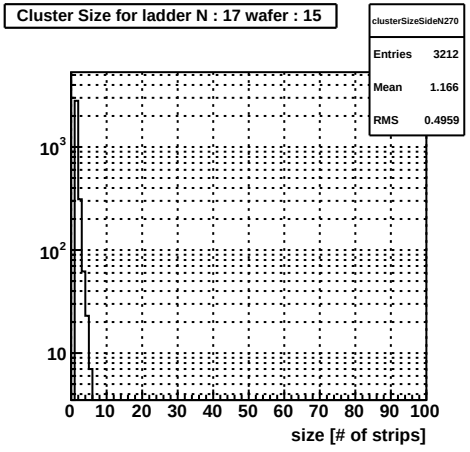

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 1037
Mean 1.306
RMS 0.6832
size [# of strips]

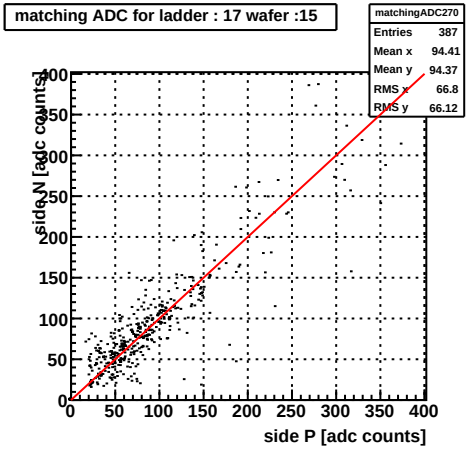

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 405
Mean x 75.92
Mean y 89.26
RMS x 57.05
RMS y 66.2
side N [adc counts]
side P [adc counts]

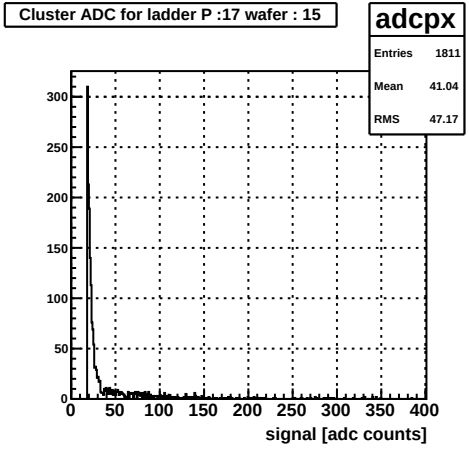

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 993
Mean 49.45
RMS 54.41
signal [adc counts]

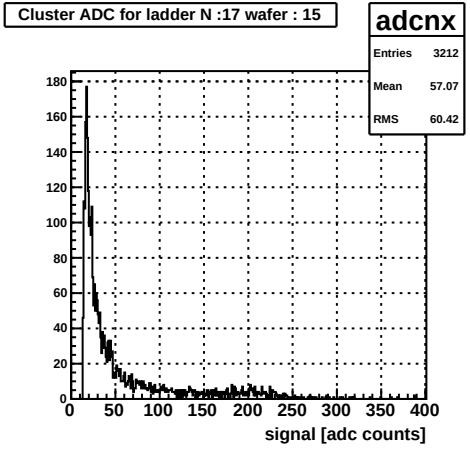

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 1037
Mean 51.54
RMS 52.94
signal [adc counts]

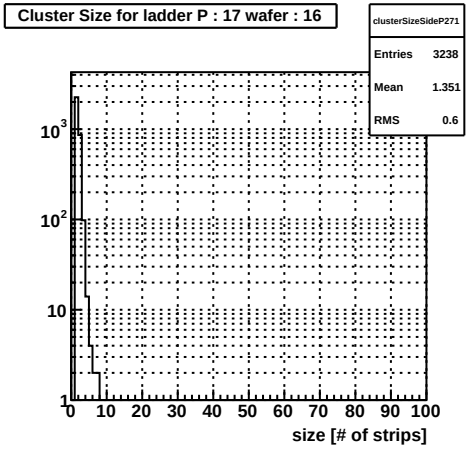

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 1811
Mean 1.189
RMS 0.5491
size [# of strips]

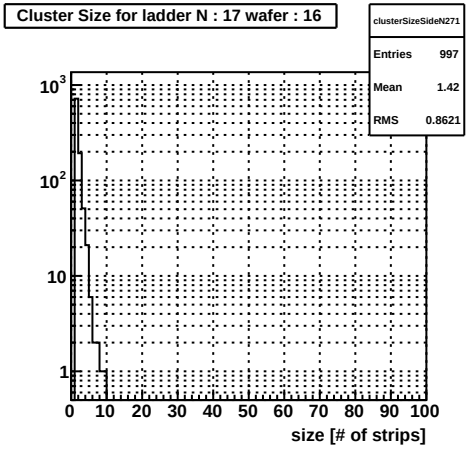

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 3212
Mean 1.166
RMS 0.4959
size [# of strips]

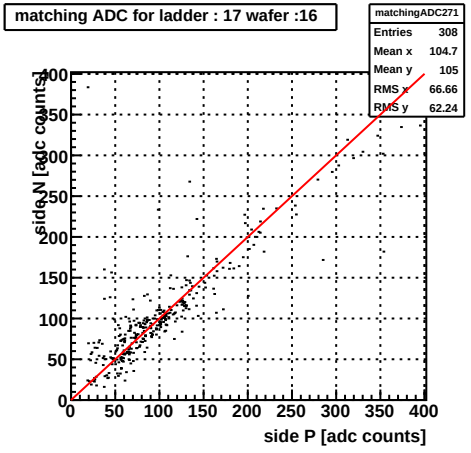

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 387
Mean x 94.41
Mean y 94.37
RMS x 66.8
RMS y 66.12
side N [adc counts]
side P [adc counts]

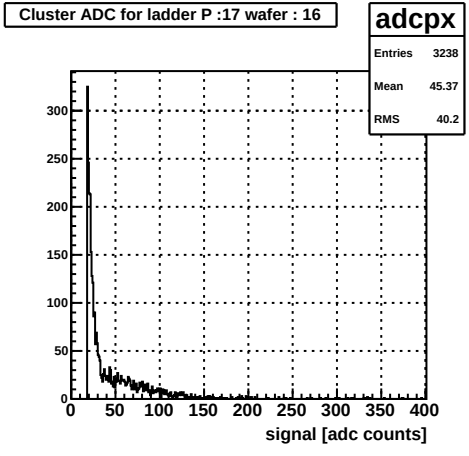

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 1811
Mean 41.04
RMS 47.17
signal [adc counts]

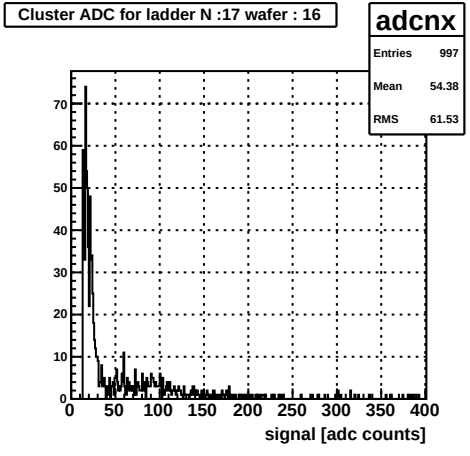

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 3212
Mean 57.07
RMS 60.42
signal [adc counts]

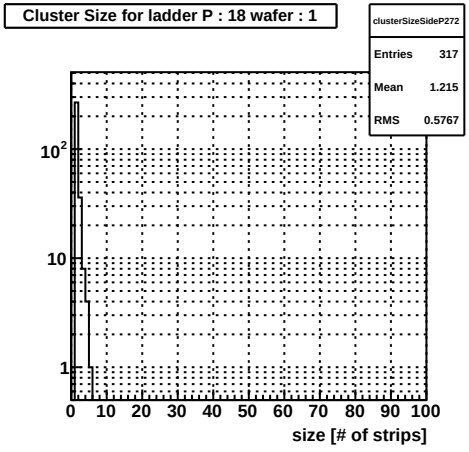

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 3238
Mean 1.351
RMS 0.6
size [# of strips]

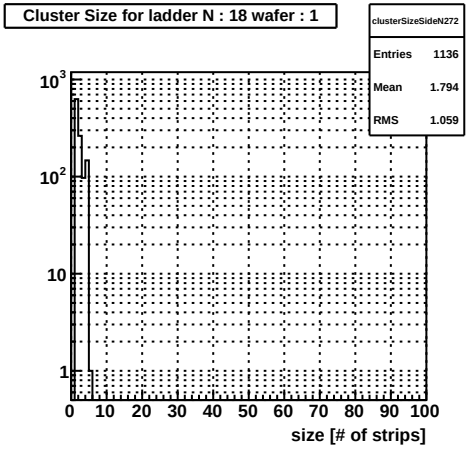

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 997
Mean 1.42
RMS 0.8621
size [# of strips]

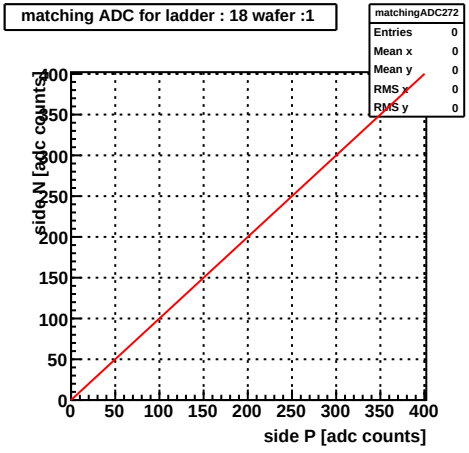

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 308
Mean x 104.7
Mean y 105
RMS x 66.66
RMS y 62.24
side N [adc counts]
side P [adc counts]

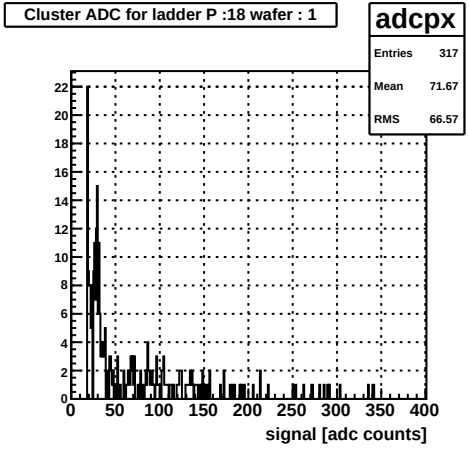

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 3238
Mean 45.37
RMS 40.2
signal [adc counts]

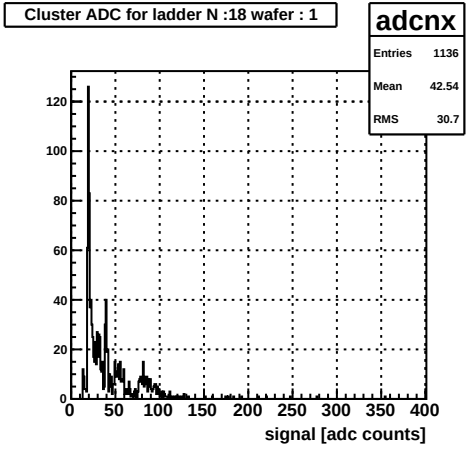

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 997
Mean 54.38
RMS 61.53
signal [adc counts]

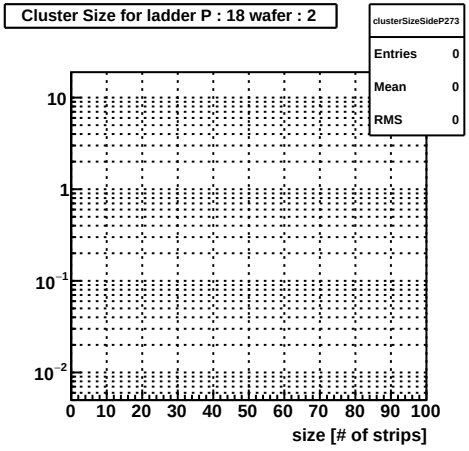

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 317
Mean 1.215
RMS 0.5767
size [# of strips]

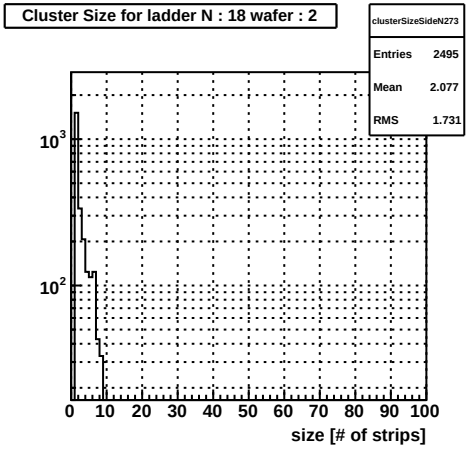

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1136
Mean 1.794
RMS 1.059
size [# of strips]

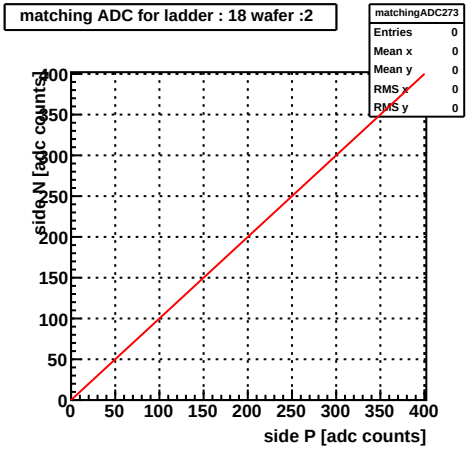

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

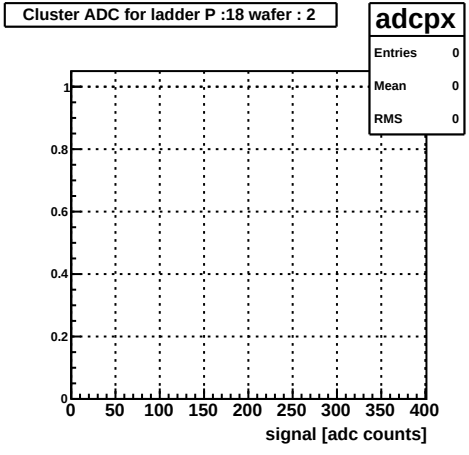

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 317
Mean 71.67
RMS 66.57
signal [adc counts]

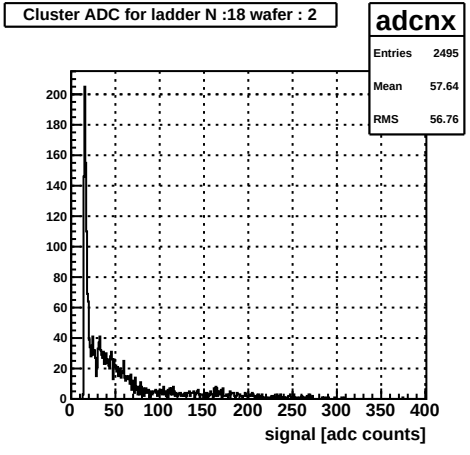

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1136
Mean 42.54
RMS 30.7
signal [adc counts]

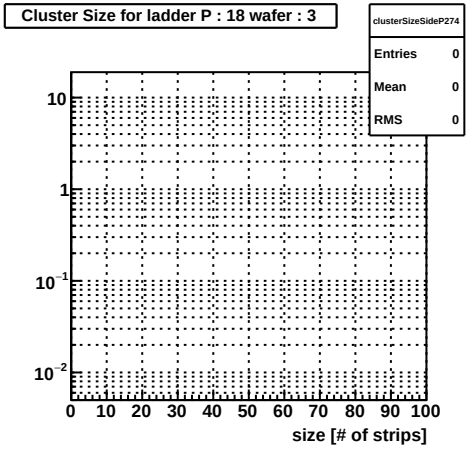

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

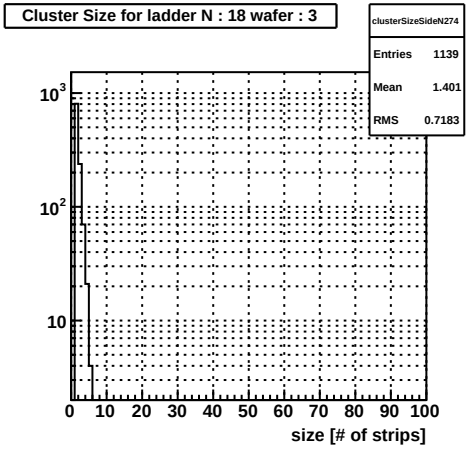

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 2495
Mean 2.077
RMS 1.731
size [# of strips]

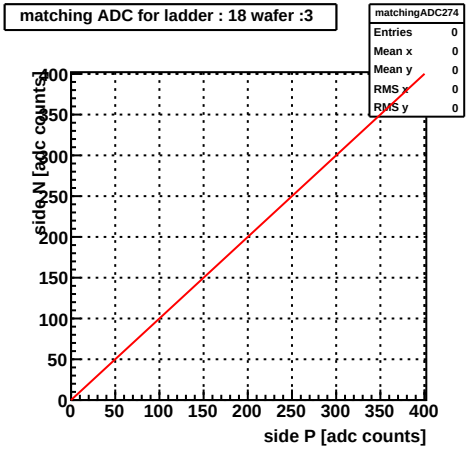

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

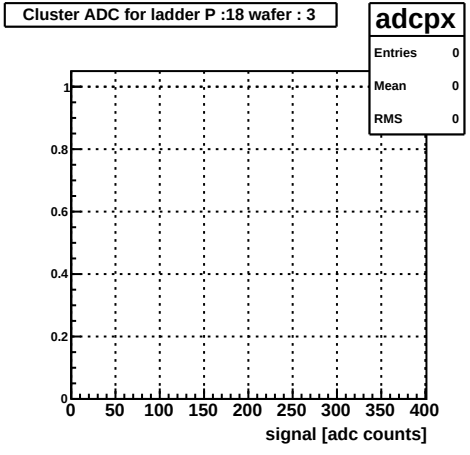

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

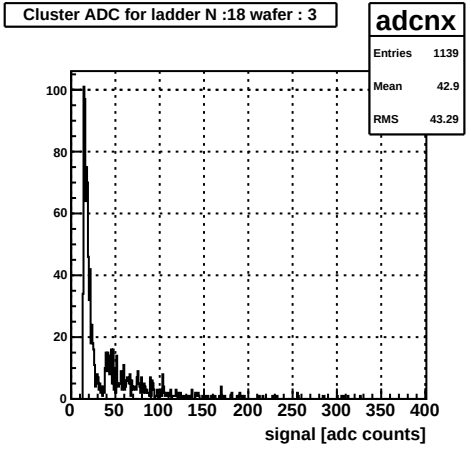

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 2495
Mean 57.64
RMS 56.76
signal [adc counts]

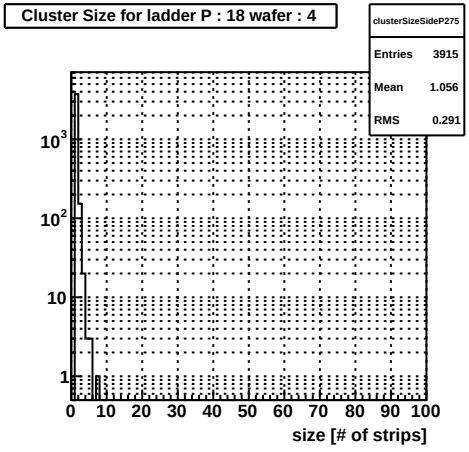

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

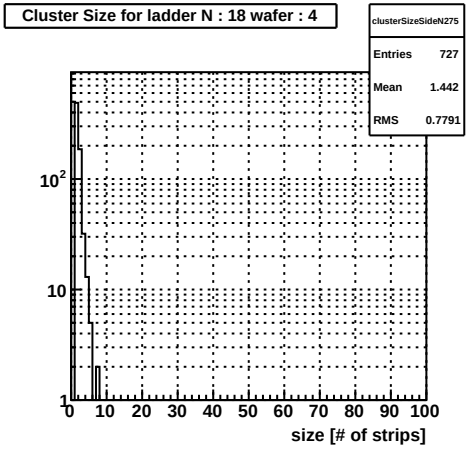

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 1139
Mean 1.401
RMS 0.7183
size [# of strips]

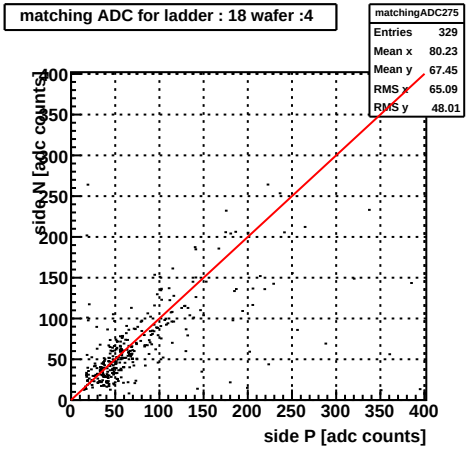

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

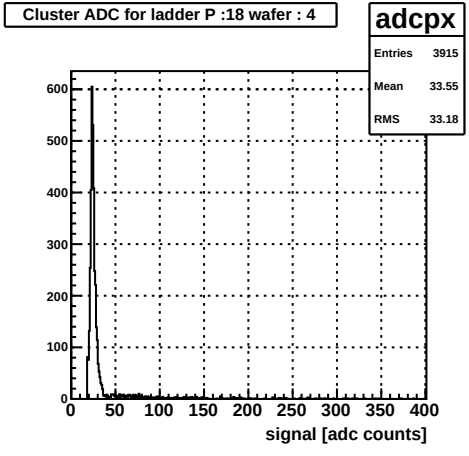

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

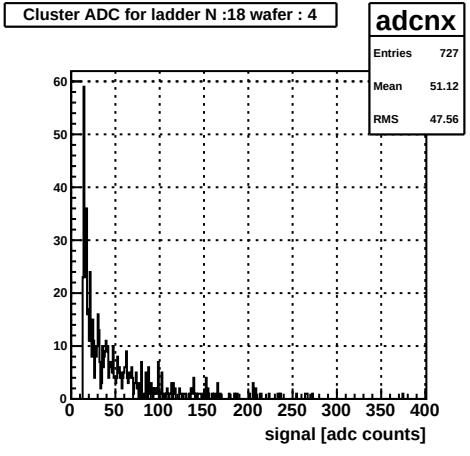

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 1139
Mean 42.9
RMS 43.29
signal [adc counts]

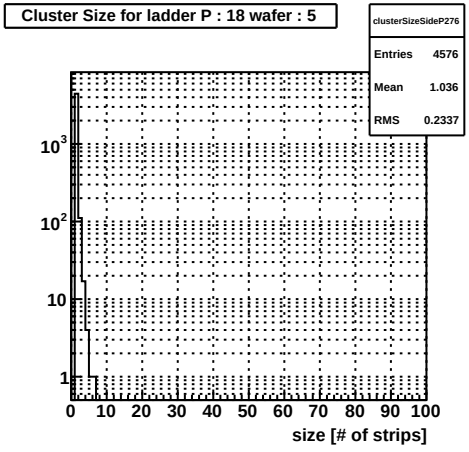

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 3915
Mean 1.056
RMS 0.291
size [# of strips]

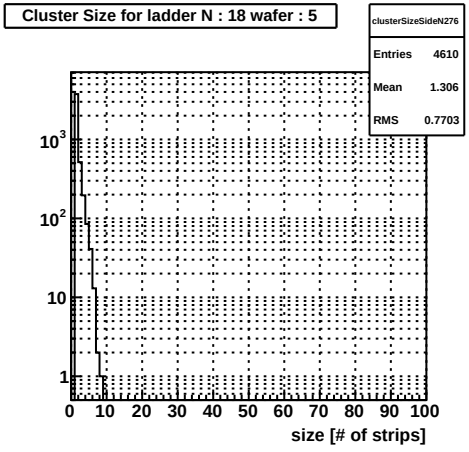

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 727
Mean 1.442
RMS 0.7791
size [# of strips]

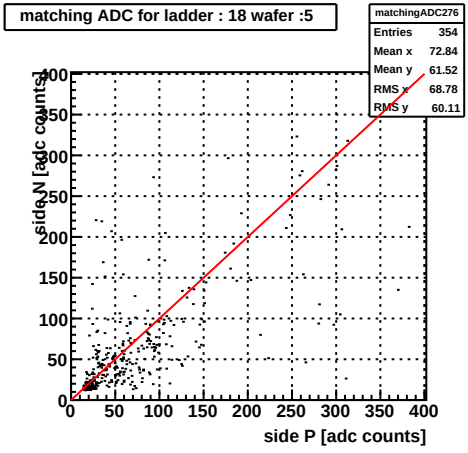

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 329
Mean x 80.23
Mean y 67.45
RMS x 65.09
RMS y 48.01
side N [adc counts]
side P [adc counts]

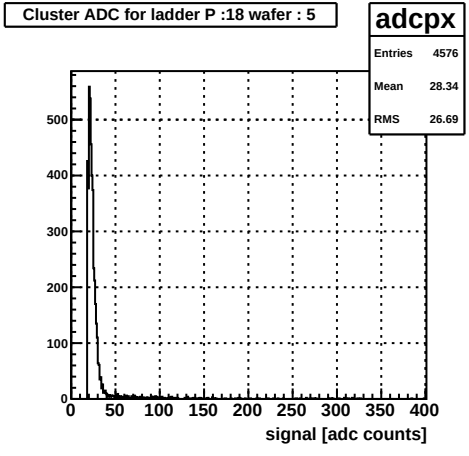

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 3915
Mean 33.55
RMS 33.18
signal [adc counts]

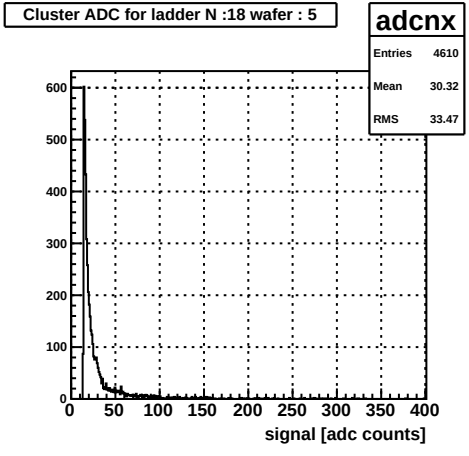

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 727
Mean 51.12
RMS 47.56
signal [adc counts]

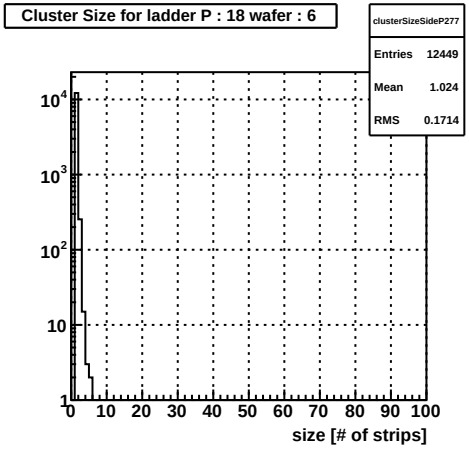

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 4576
Mean 1.036
RMS 0.2337
size [# of strips]

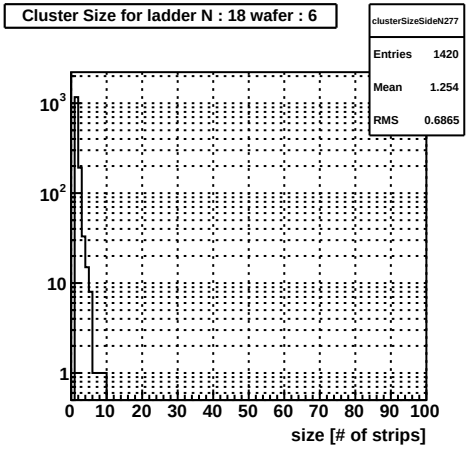

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 4610
Mean 1.306
RMS 0.7703
size [# of strips]

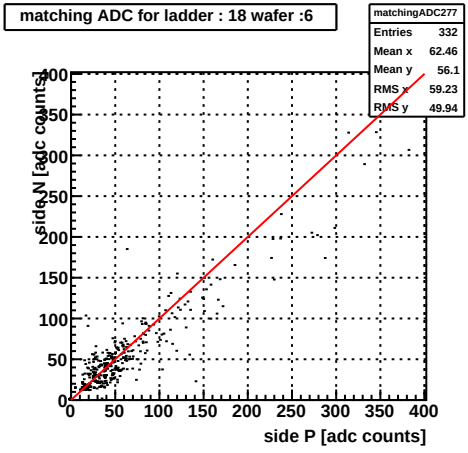

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 354
Mean x 72.84
Mean y 61.52
RMS x 68.78
RMS y 60.11
side N [adc counts]
side P [adc counts]

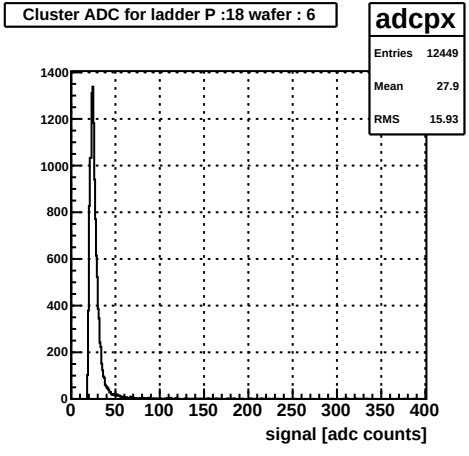

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 4576
Mean 28.34
RMS 26.69
signal [adc counts]

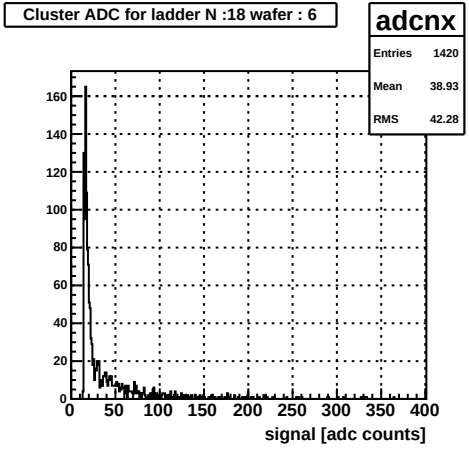

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 4610
Mean 30.32
RMS 33.47
signal [adc counts]

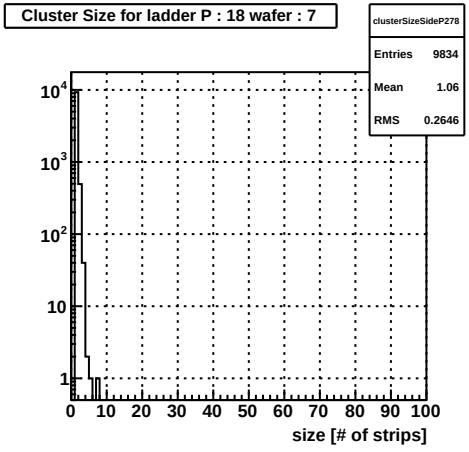

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 12449
Mean 1.024
RMS 0.1714
size [# of strips]

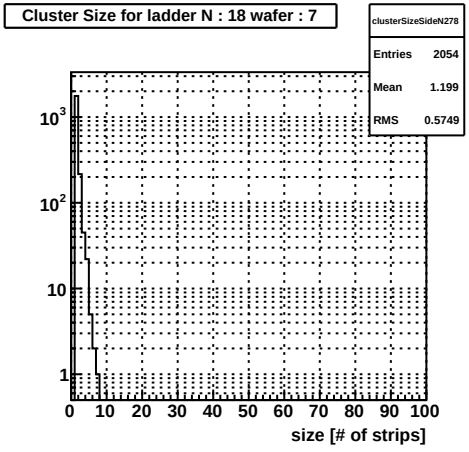

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 1420
Mean 1.254
RMS 0.6865
size [# of strips]

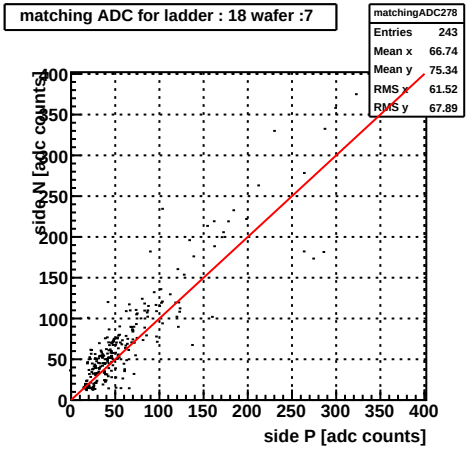

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 332
Mean x 62.46
Mean y 56.1
RMS x 59.23
RMS y 49.94
side N [adc counts]
side P [adc counts]

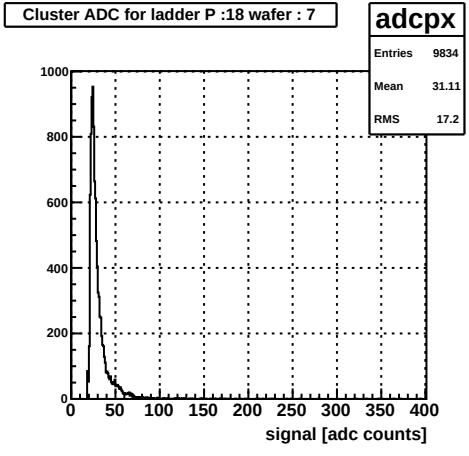

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 12449
Mean 27.9
RMS 15.93
signal [adc counts]

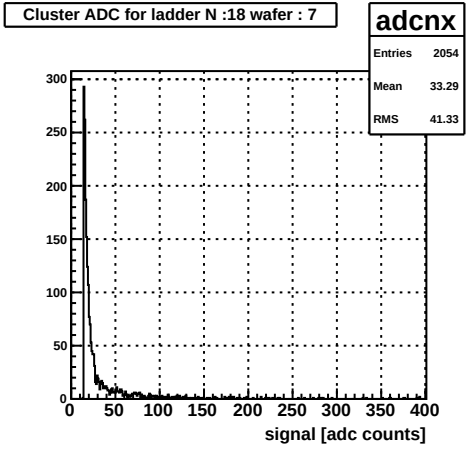

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 1420
Mean 38.93
RMS 42.28
signal [adc counts]

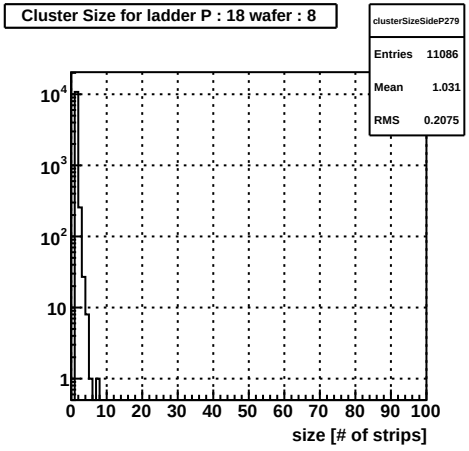

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 9834
Mean 1.06
RMS 0.2646
size [# of strips]

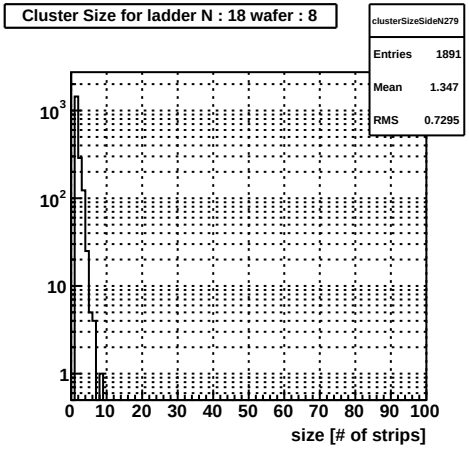

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 2054
Mean 1.199
RMS 0.5749
size [# of strips]

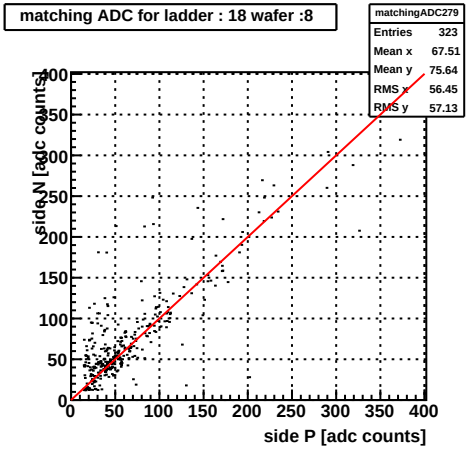

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 243
Mean x 66.74
Mean y 75.34
RMS x 61.52
RMS y 67.89
side N [adc counts]
side P [adc counts]

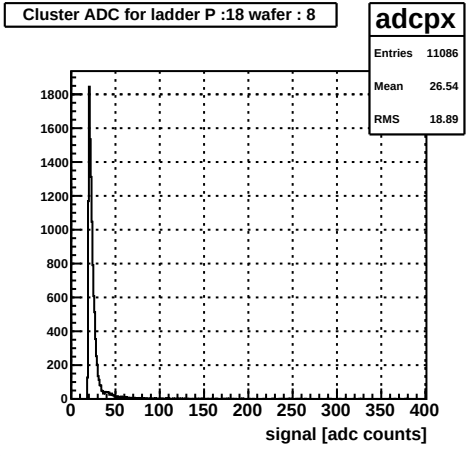

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 9834
Mean 31.11
RMS 17.2
signal [adc counts]

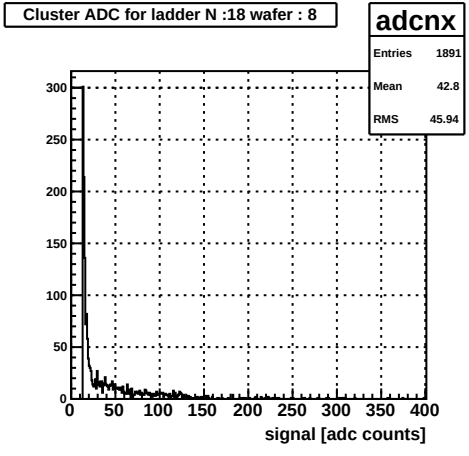

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 2054
Mean 33.29
RMS 41.33
signal [adc counts]

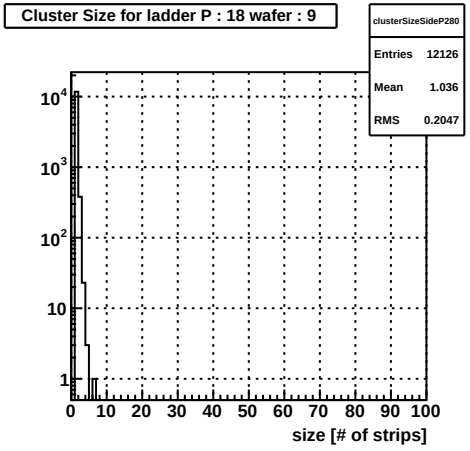

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 11086
Mean 1.031
RMS 0.2075
size [# of strips]

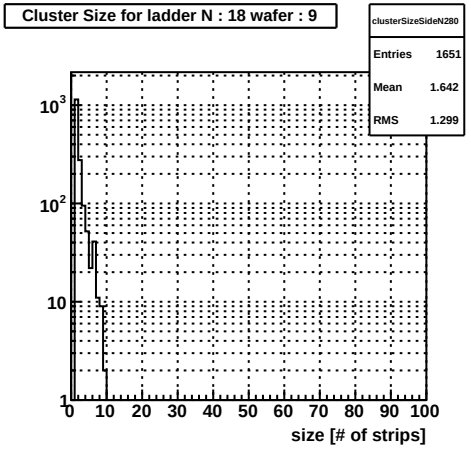

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 1891
Mean 1.347
RMS 0.7295
size [# of strips]

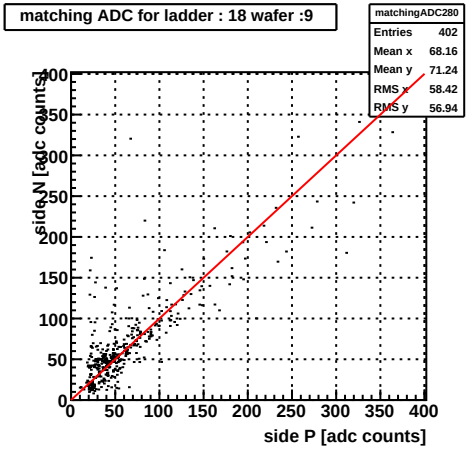

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 323
Mean x 67.51
Mean y 75.64
RMS x 56.45
RMS y 57.13
side N [adc counts]
side P [adc counts]

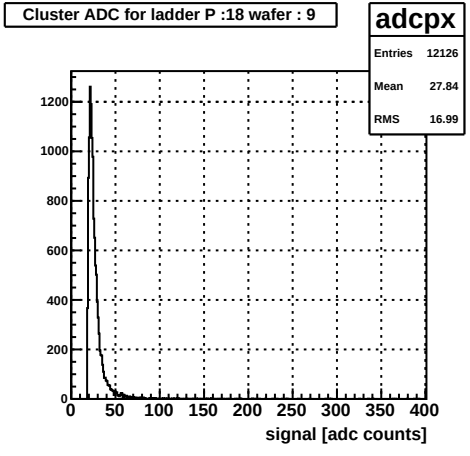

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 11086
Mean 26.54
RMS 18.89
signal [adc counts]

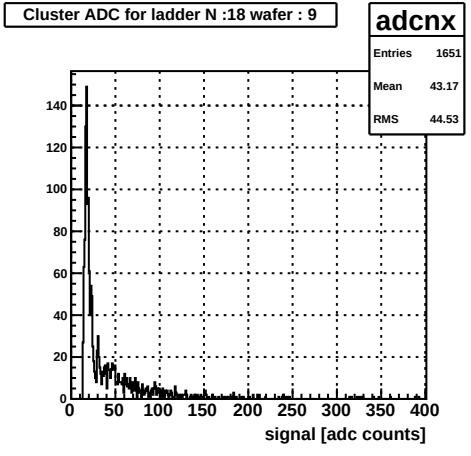

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 1891
Mean 42.8
RMS 45.94
signal [adc counts]

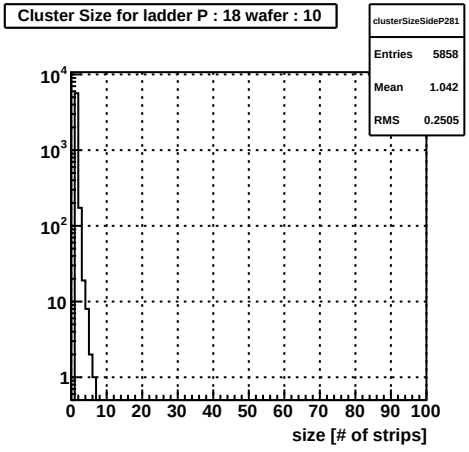

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 12126
Mean 1.036
RMS 0.2047
size [# of strips]

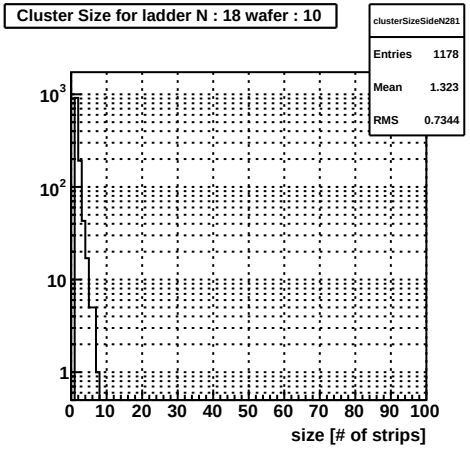

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 1651
Mean 1.642
RMS 1.299
size [# of strips]

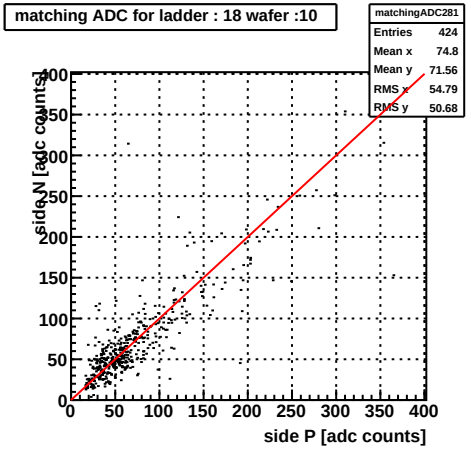

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 402
Mean x 68.16
Mean y 71.24
RMS x 58.42
RMS y 56.94
side N [adc counts]
side P [adc counts]

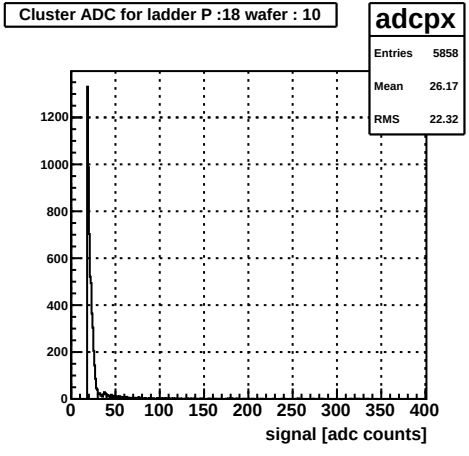

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 12126
Mean 27.84
RMS 16.99
signal [adc counts]

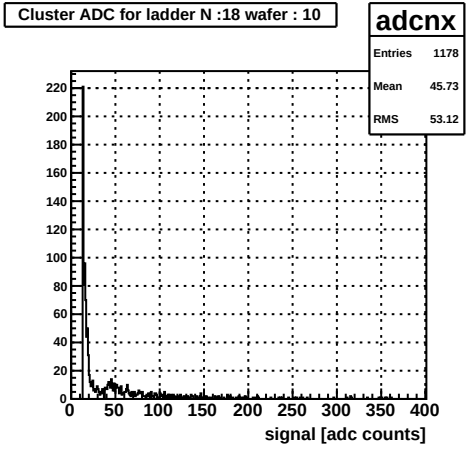

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 1651
Mean 43.17
RMS 44.53
signal [adc counts]

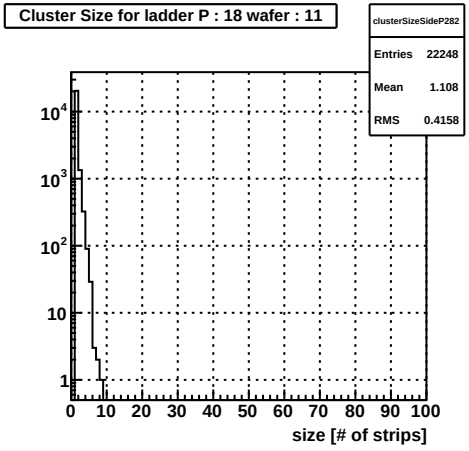

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 5858
Mean 1.042
RMS 0.2505
size [# of strips]

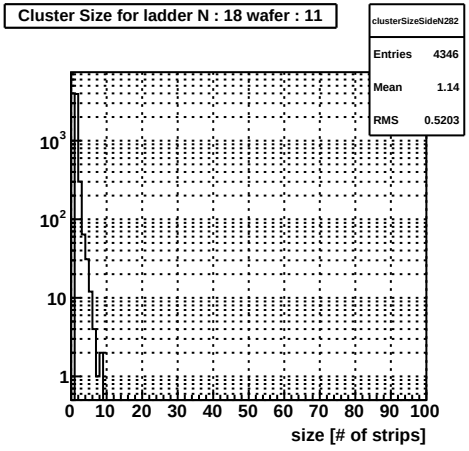

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 1178
Mean 1.323
RMS 0.7344
size [# of strips]

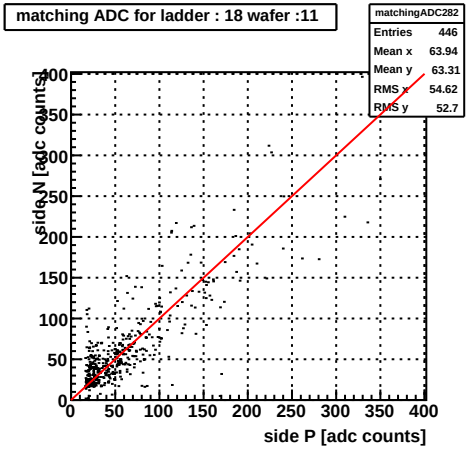

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 424
Mean x 74.8
Mean y 71.56
RMS x 54.79
RMS y 50.68
side N [adc counts]
side P [adc counts]

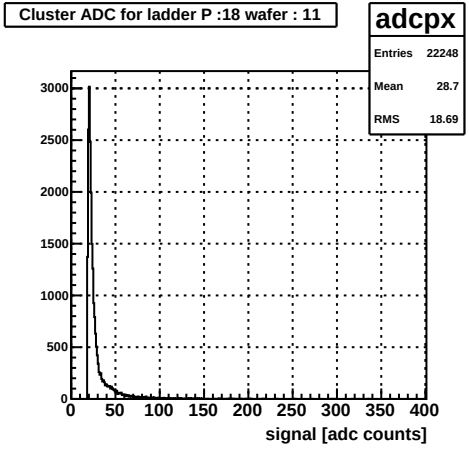

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 5858
Mean 26.17
RMS 22.32
signal [adc counts]

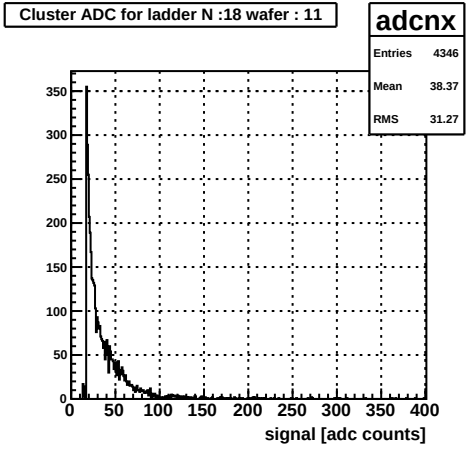

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 1178
Mean 45.73
RMS 53.12
signal [adc counts]

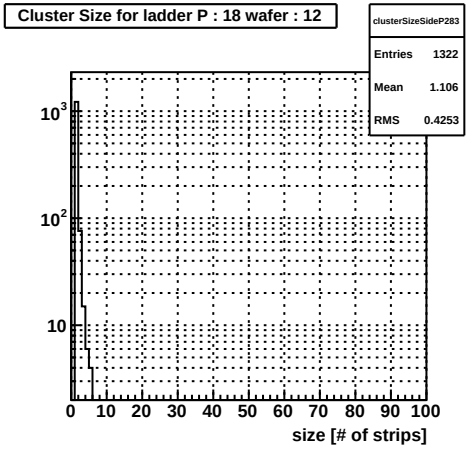

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 22248
Mean 1.108
RMS 0.4158
size [# of strips]

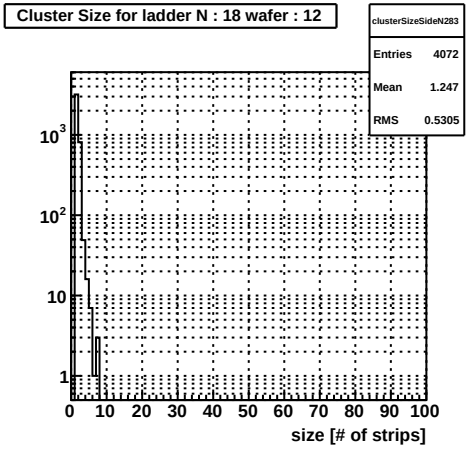

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 4346
Mean 1.14
RMS 0.5203
size [# of strips]

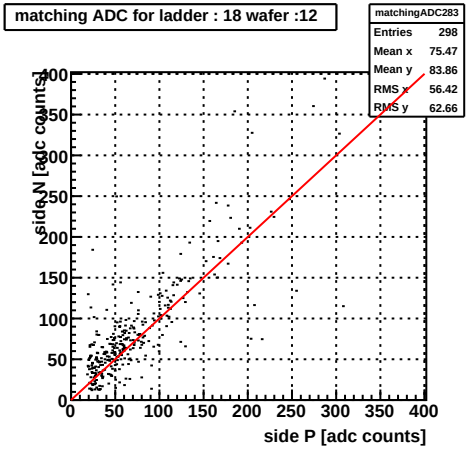

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 446
Mean x 63.94
Mean y 63.31
RMS x 54.62
RMS y 52.7
side N [adc counts]
side P [adc counts]

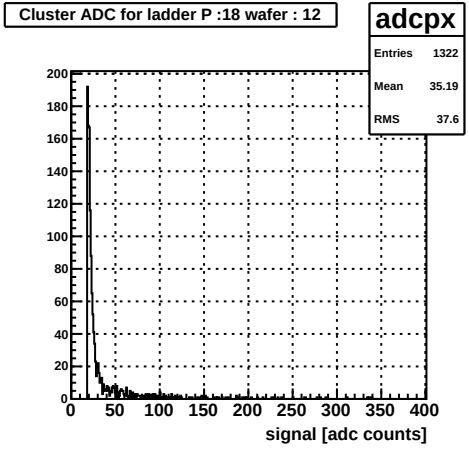

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 22248
Mean 28.7
RMS 18.69
signal [adc counts]

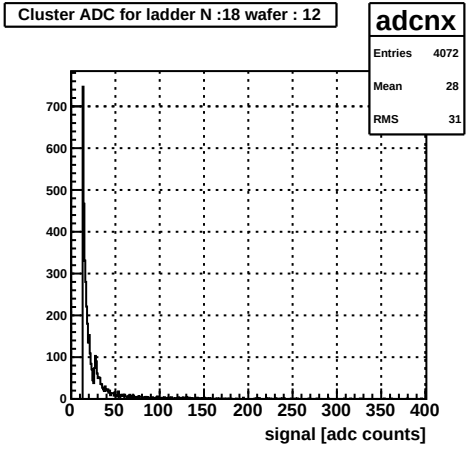

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 4346
Mean 38.37
RMS 31.27
signal [adc counts]

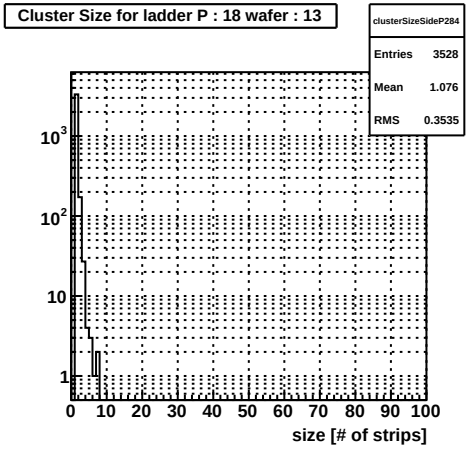

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 1322
Mean 1.106
RMS 0.4253
size [# of strips]

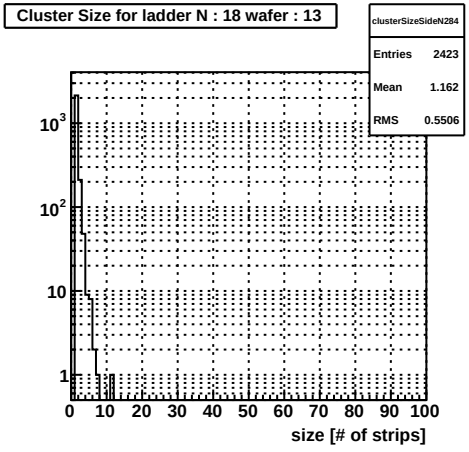

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 4072
Mean 1.247
RMS 0.5305
size [# of strips]

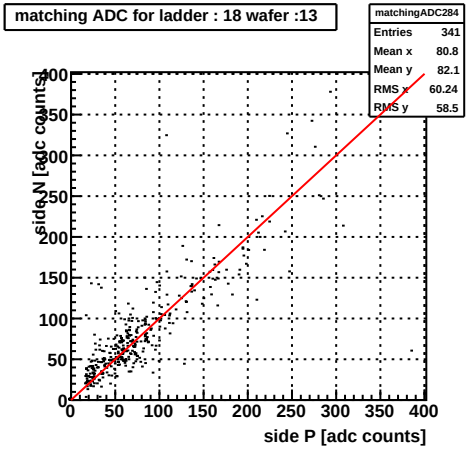

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 298
Mean x 75.47
Mean y 83.86
RMS x 56.42
RMS y 62.66
side N [adc counts]
side P [adc counts]

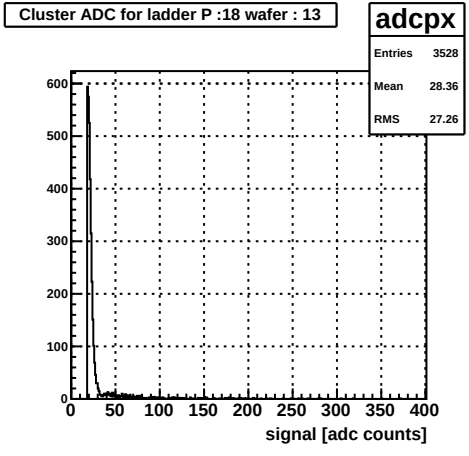

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 1322
Mean 35.19
RMS 37.6
signal [adc counts]

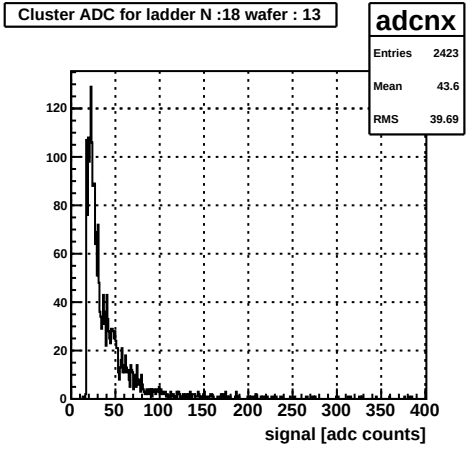

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 4072
Mean 28
RMS 31
signal [adc counts]

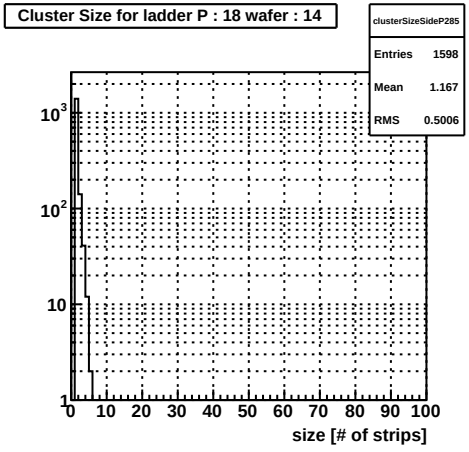

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 3528
Mean 1.076
RMS 0.3535
size [# of strips]

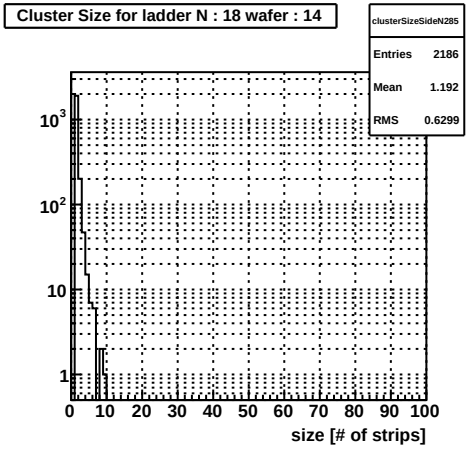

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 2423
Mean 1.162
RMS 0.5506
size [# of strips]

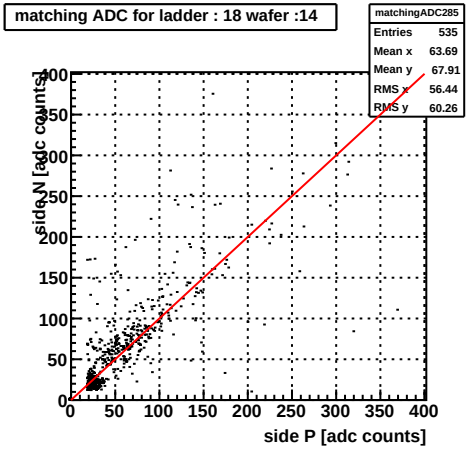

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 341
Mean x 80.8
Mean y 82.1
RMS x 60.24
RMS y 58.5
side N [adc counts]
side P [adc counts]

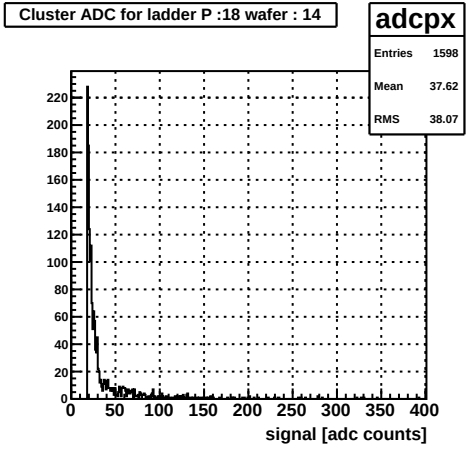

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 3528
Mean 28.36
RMS 27.26
signal [adc counts]

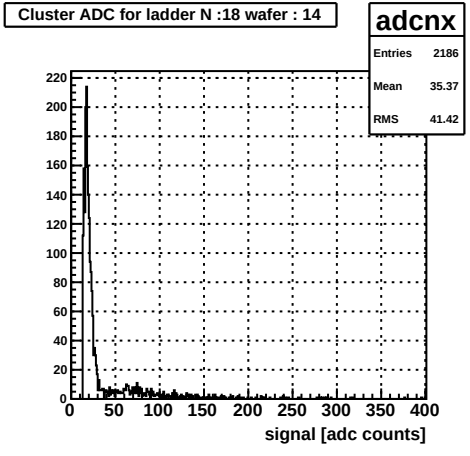

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 2423
Mean 43.6
RMS 39.69
signal [adc counts]

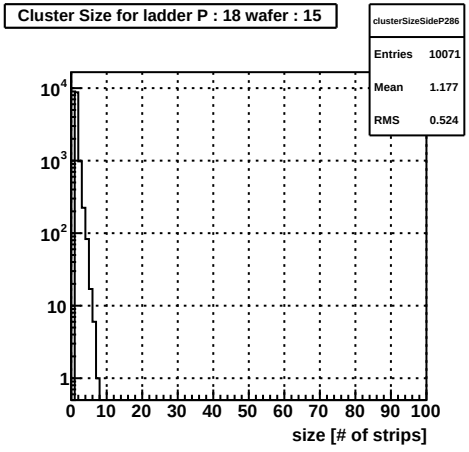

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 1598
Mean 1.167
RMS 0.5006
size [# of strips]

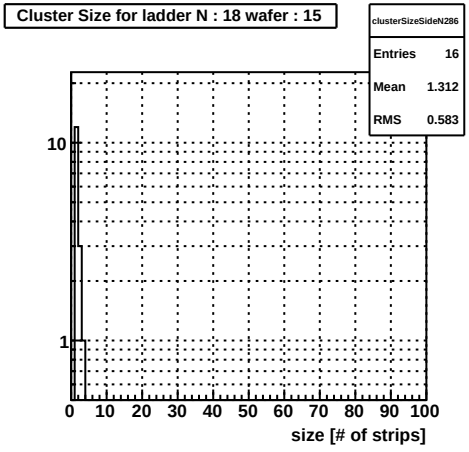

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 2186
Mean 1.192
RMS 0.6299
size [# of strips]

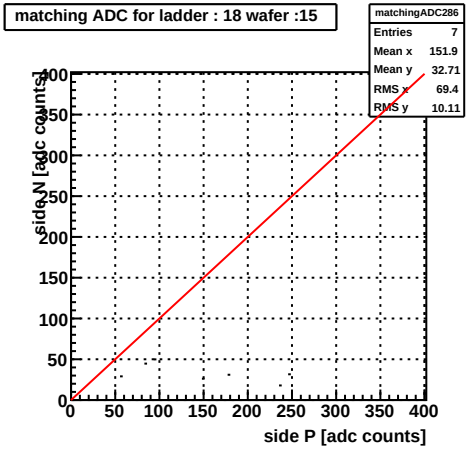

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 535
Mean x 63.69
Mean y 67.91
RMS x 56.44
RMS y 60.26
side N [adc counts]
side P [adc counts]

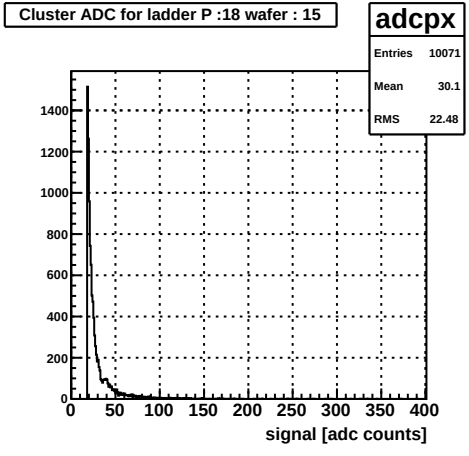

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 1598
Mean 37.62
RMS 38.07
signal [adc counts]

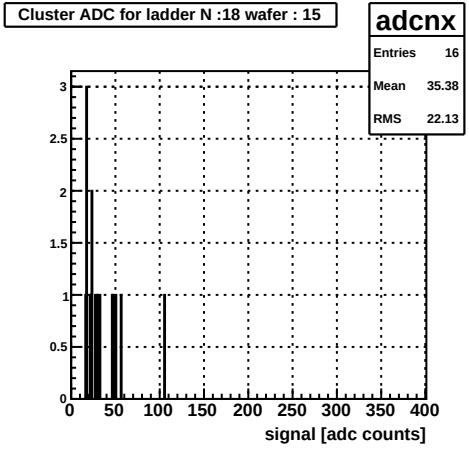

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 2186
Mean 35.37
RMS 41.42
signal [adc counts]

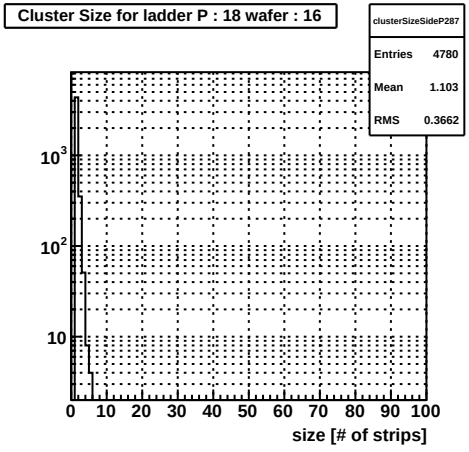

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 10071
Mean 1.177
RMS 0.524
size [# of strips]

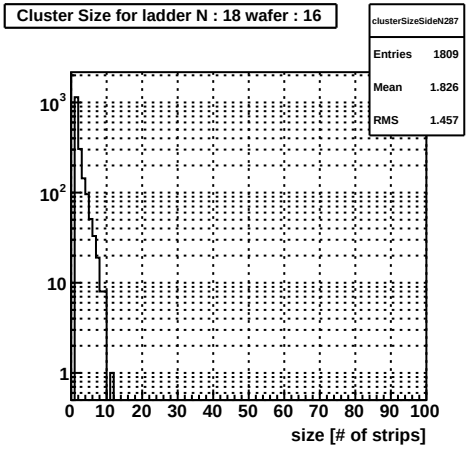

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 16
Mean 1.312
RMS 0.583
size [# of strips]

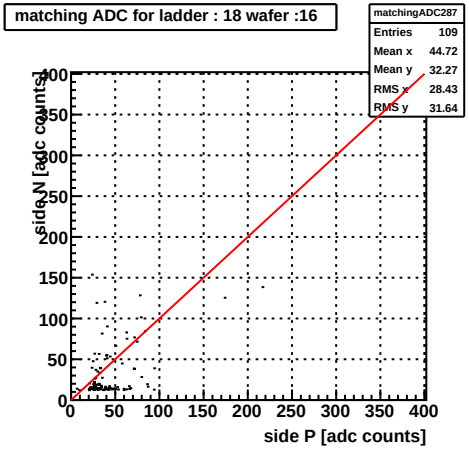

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 7
Mean x 151.9
Mean y 32.71
RMS x 69.4
RMS y 10.11
side N [adc counts]
side P [adc counts]

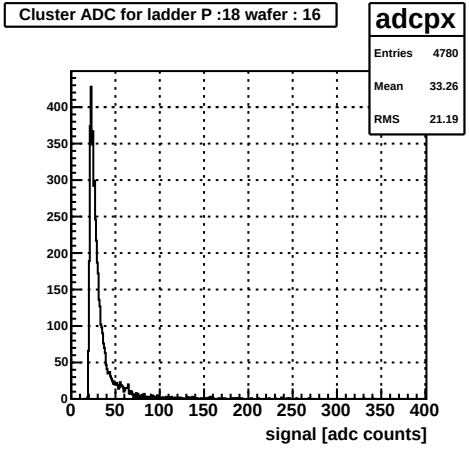

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 10071
Mean 30.1
RMS 22.48
signal [adc counts]

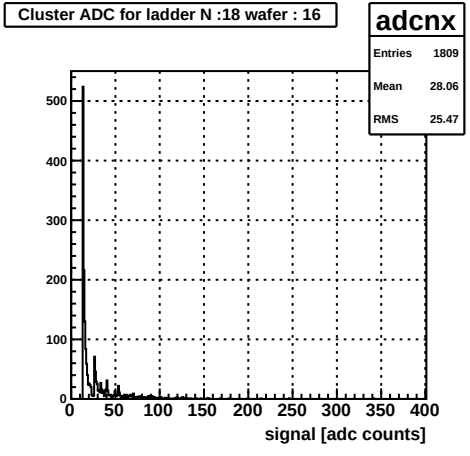

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 16
Mean 35.38
RMS 22.13
signal [adc counts]

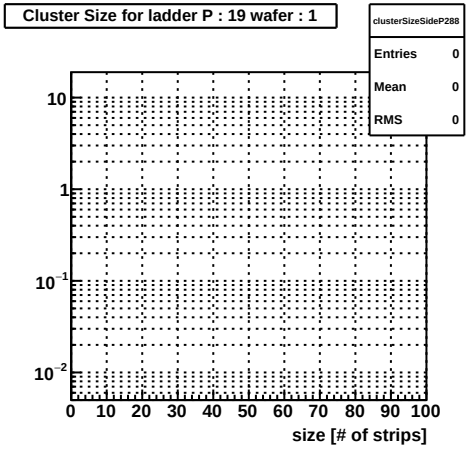

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 4780
Mean 1.103
RMS 0.3662
size [# of strips]

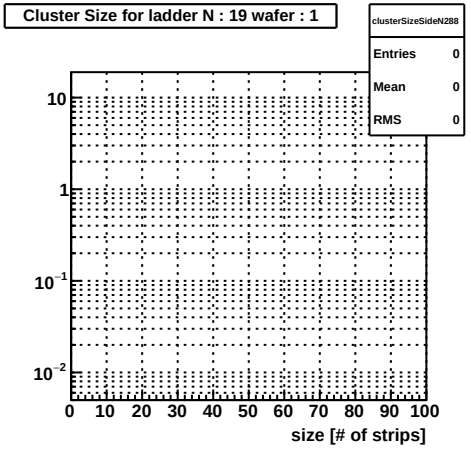

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 1809
Mean 1.826
RMS 1.457
size [# of strips]

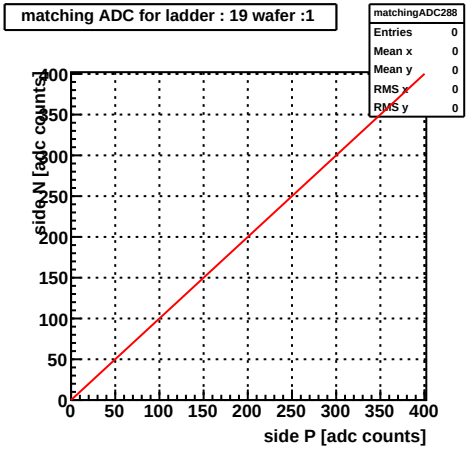

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 109
Mean x 44.72
Mean y 32.27
RMS x 28.43
RMS y 31.64
side N [adc counts]
side P [adc counts]

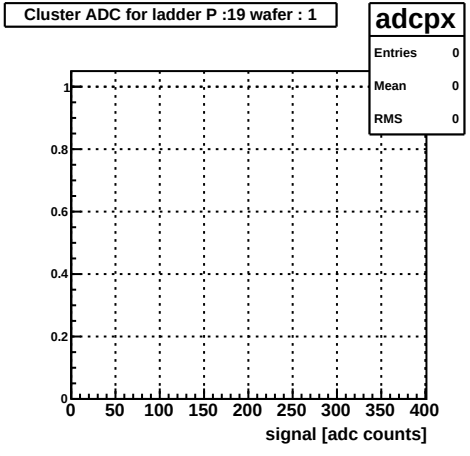

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 4780
Mean 33.26
RMS 21.19
signal [adc counts]

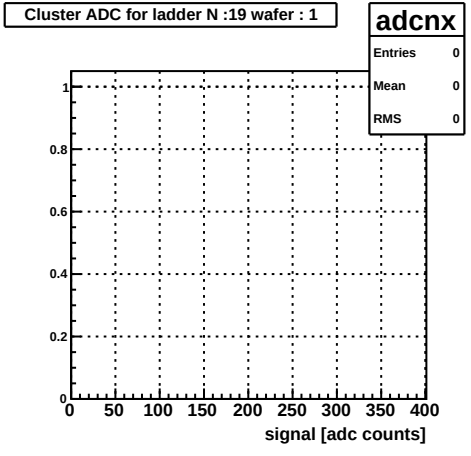

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 1809
Mean 28.06
RMS 25.47
signal [adc counts]

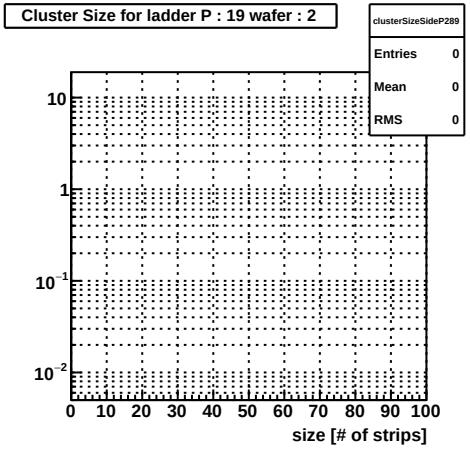

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

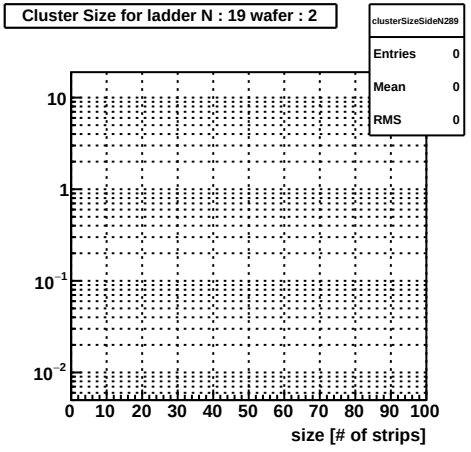

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

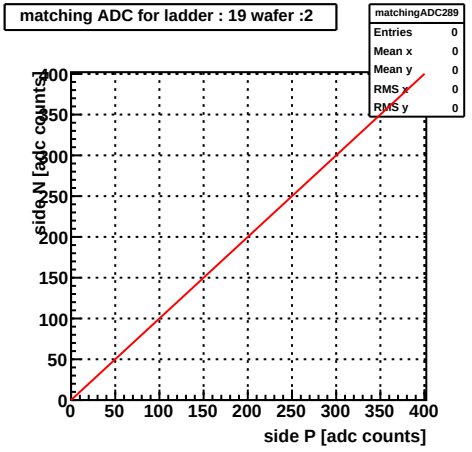

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

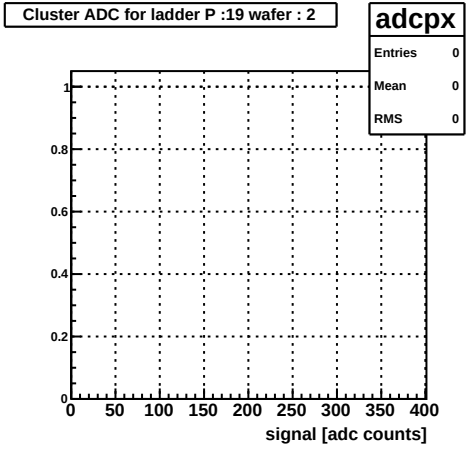

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

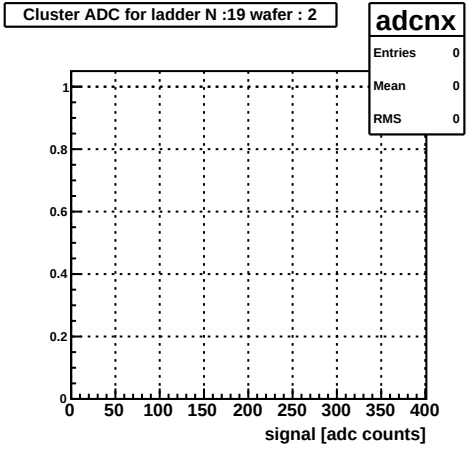

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

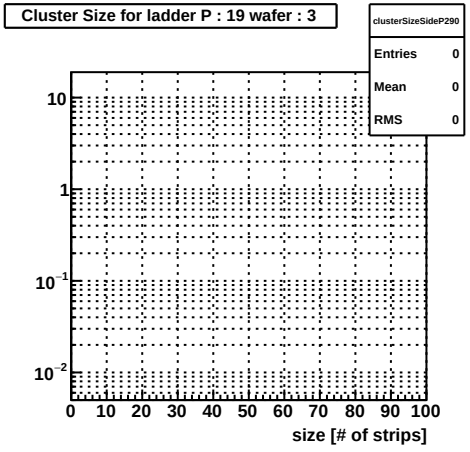

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

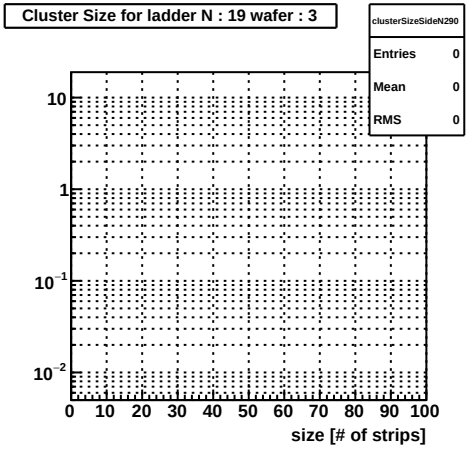

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

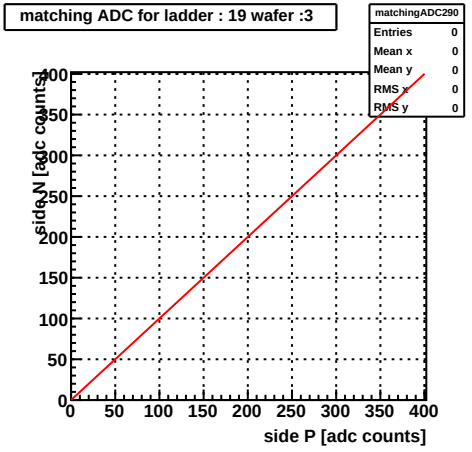

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

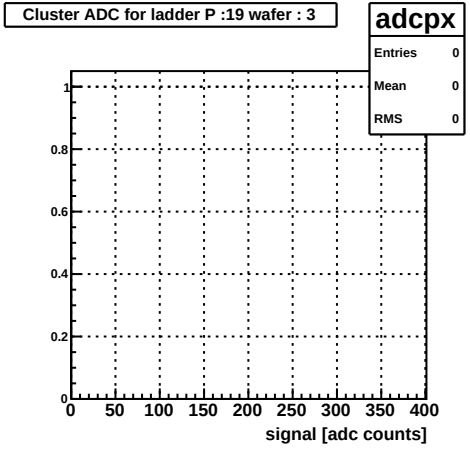

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

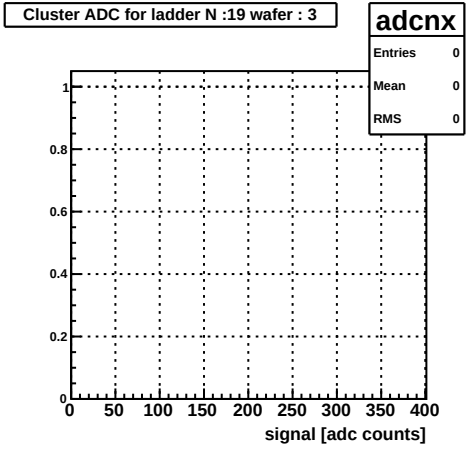

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

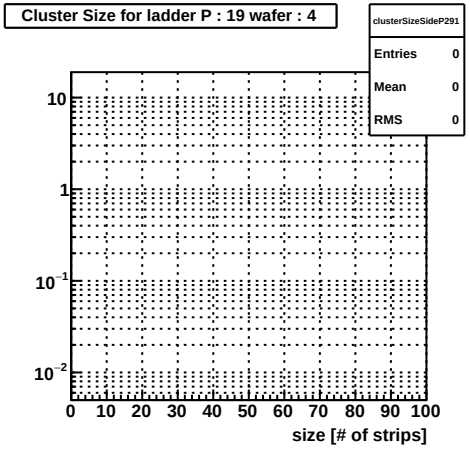

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

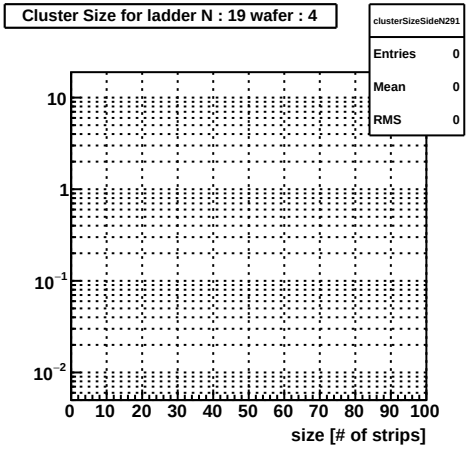

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

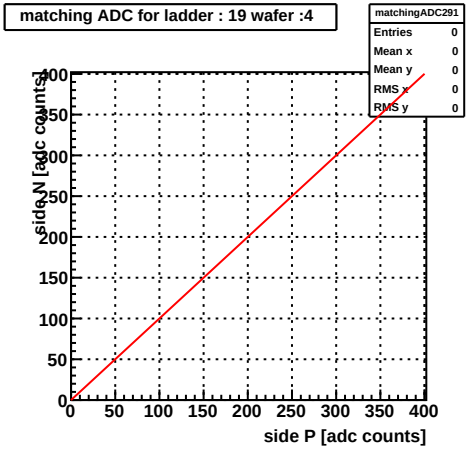

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

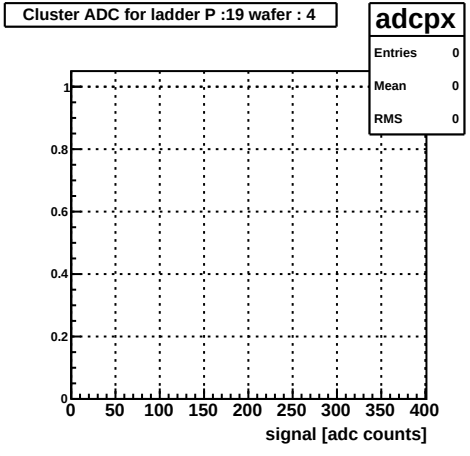

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

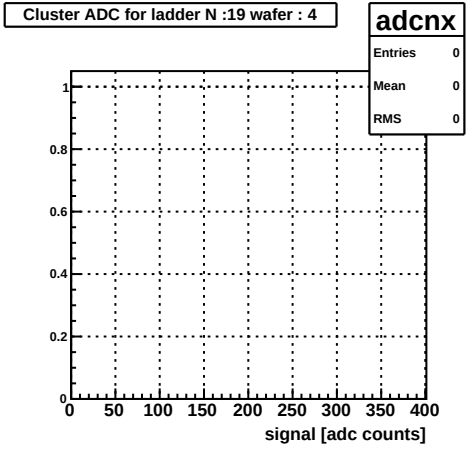

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

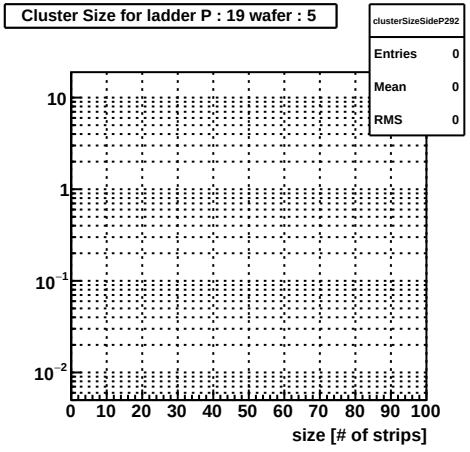

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

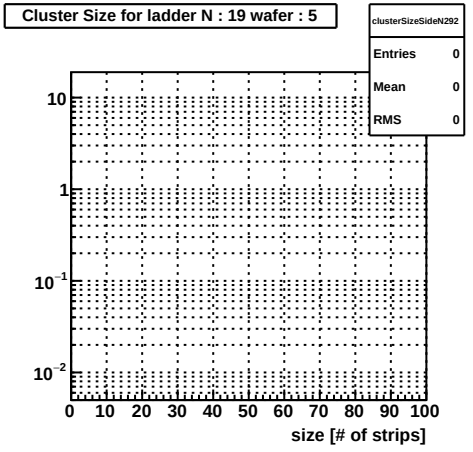

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

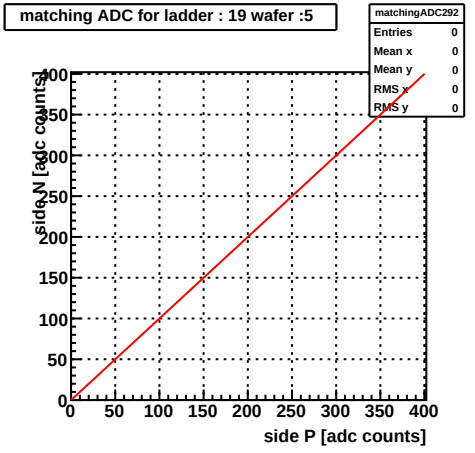

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

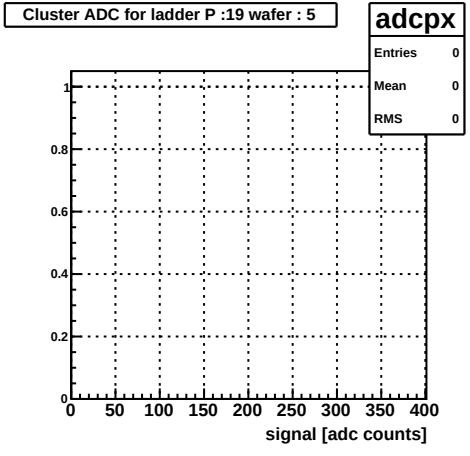

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

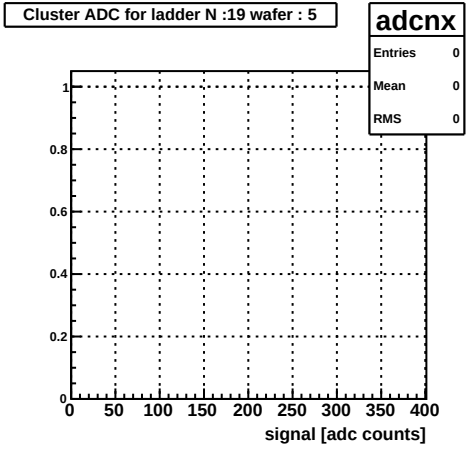

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

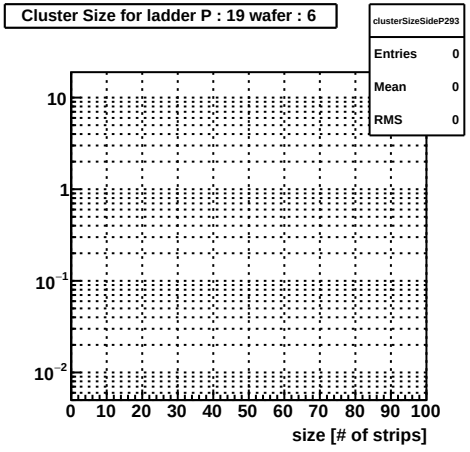

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

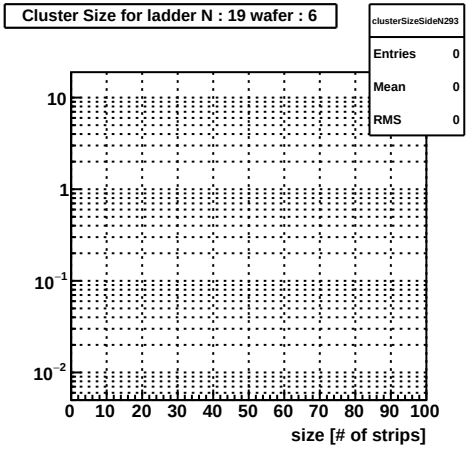

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

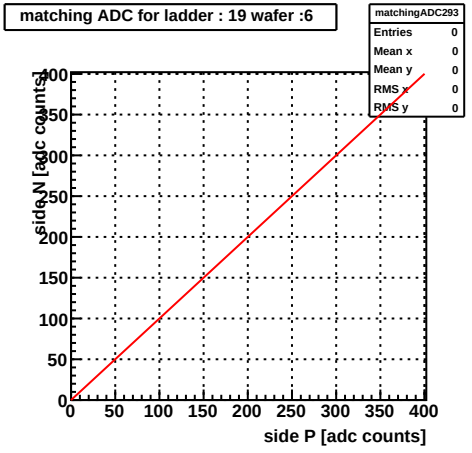

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

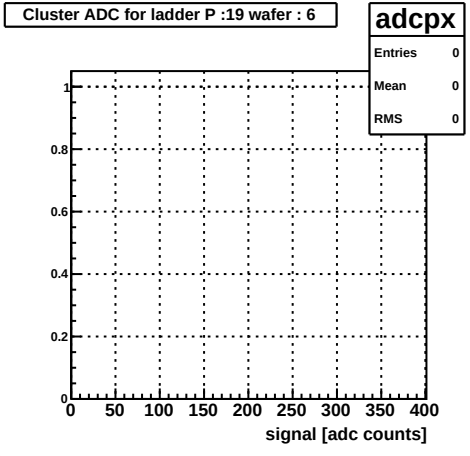

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

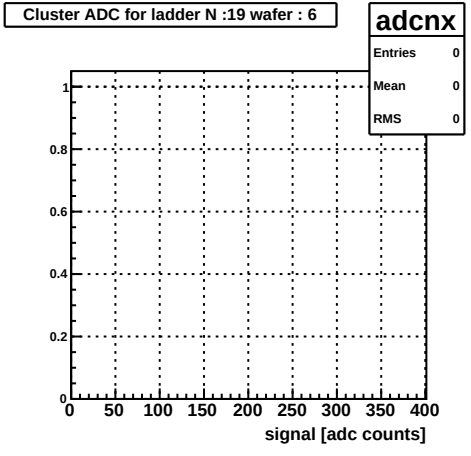

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

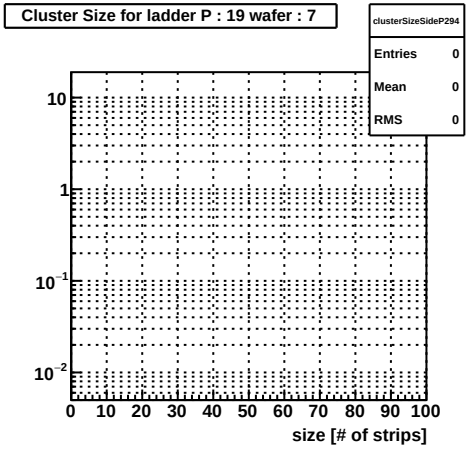

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

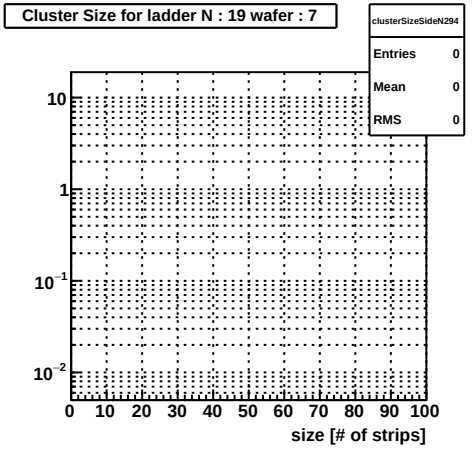

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

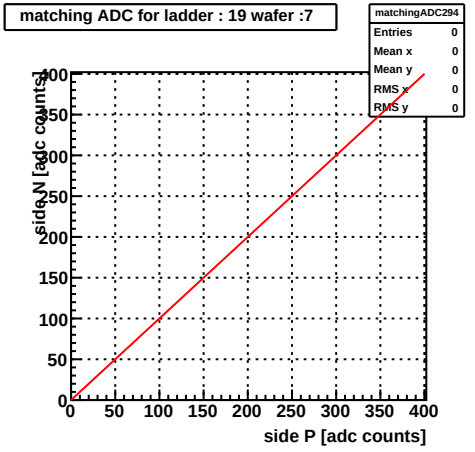

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

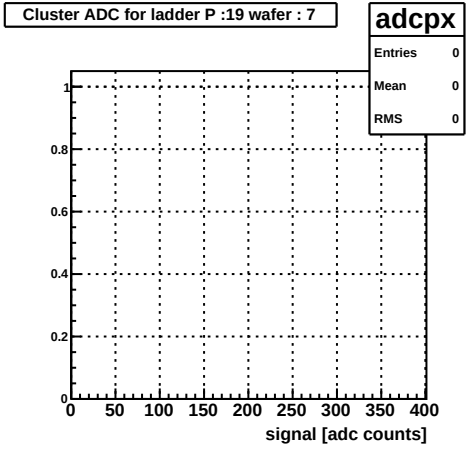

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

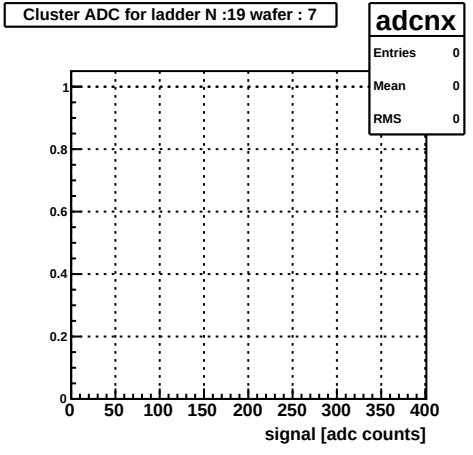

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

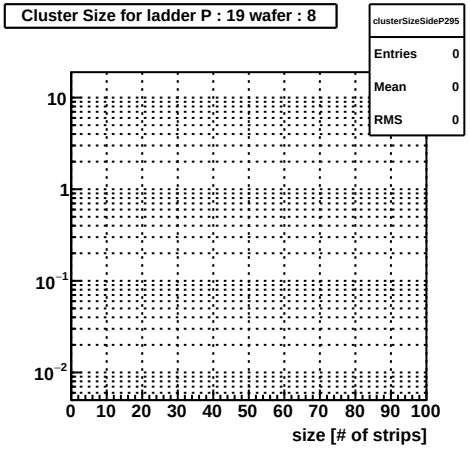

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

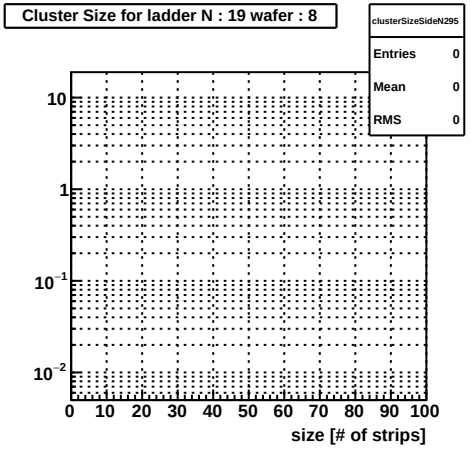

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

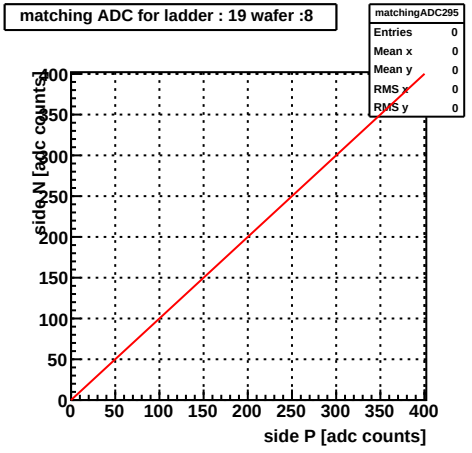

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

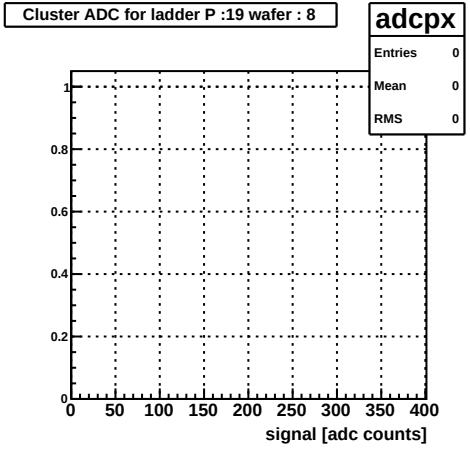

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

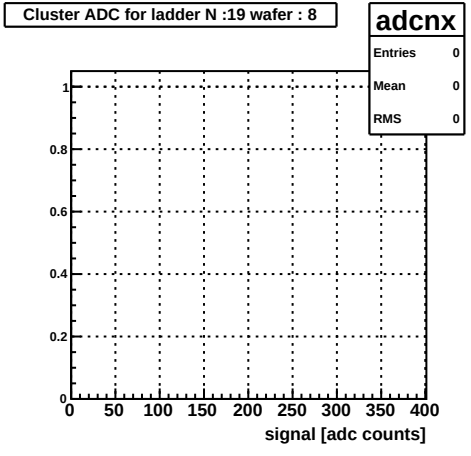

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

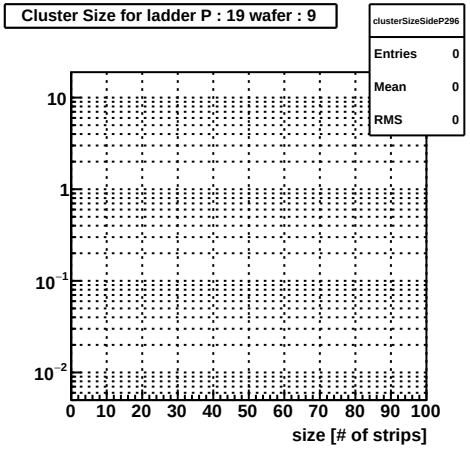

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

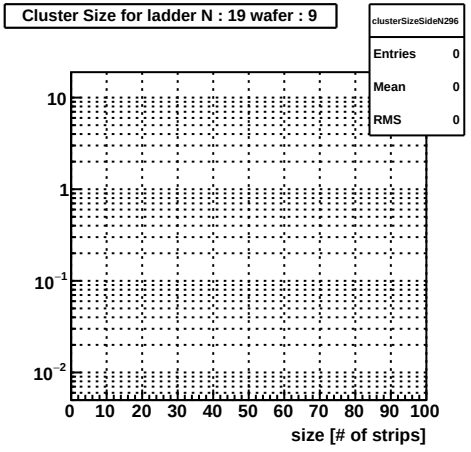

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

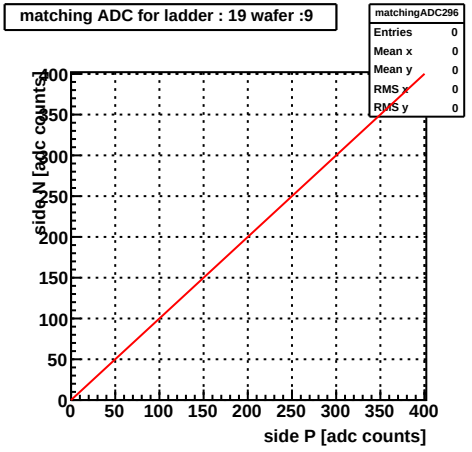

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

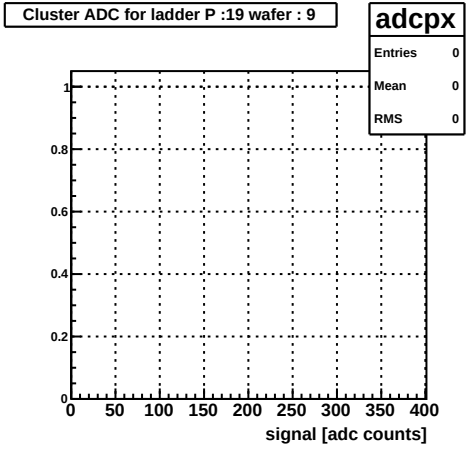

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

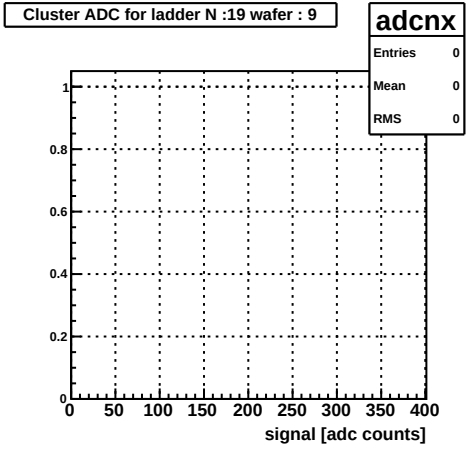

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

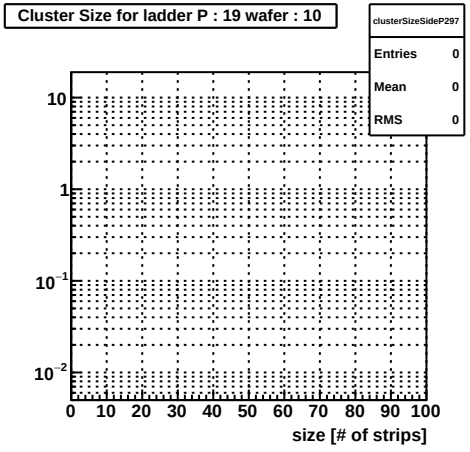

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

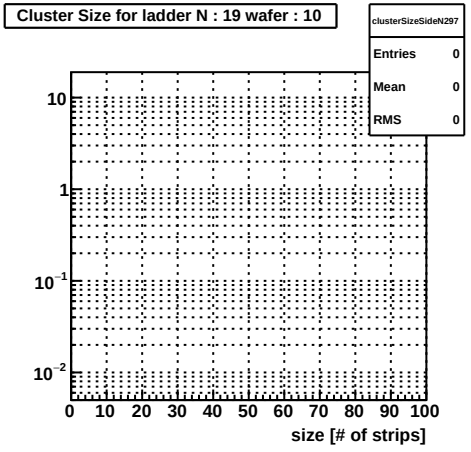

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

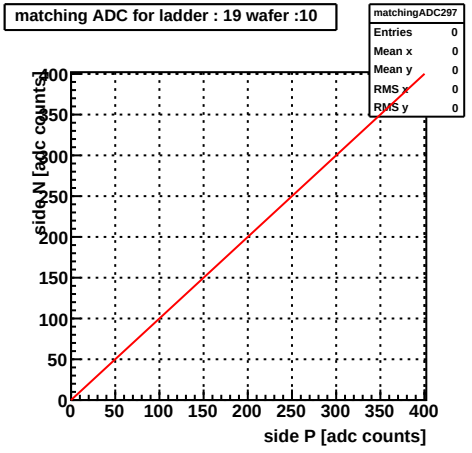

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

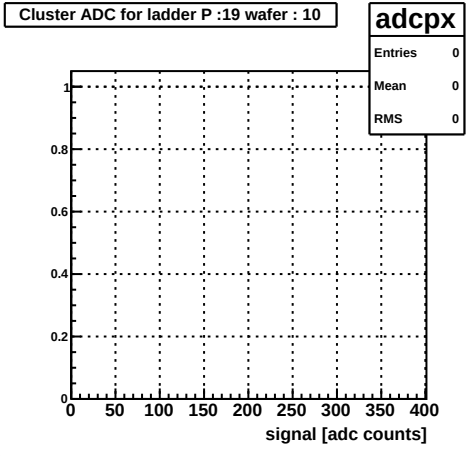

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

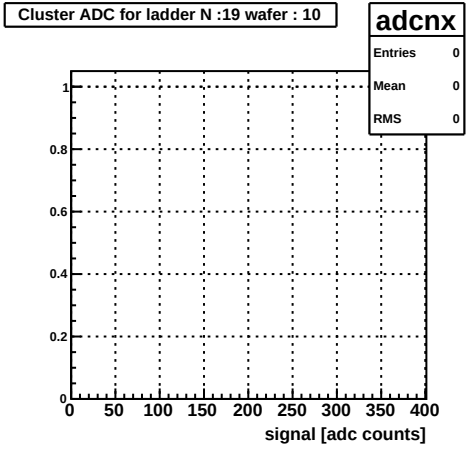

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

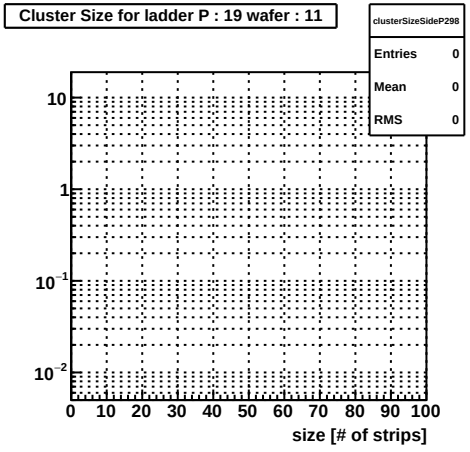

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

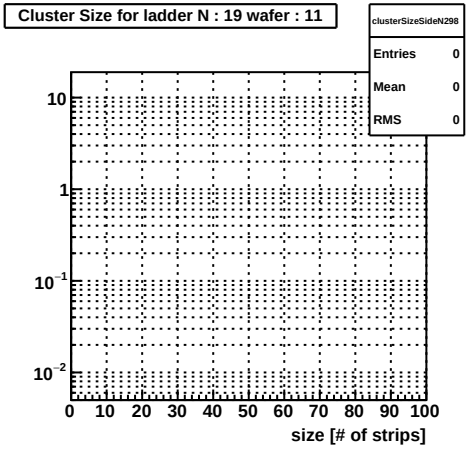

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

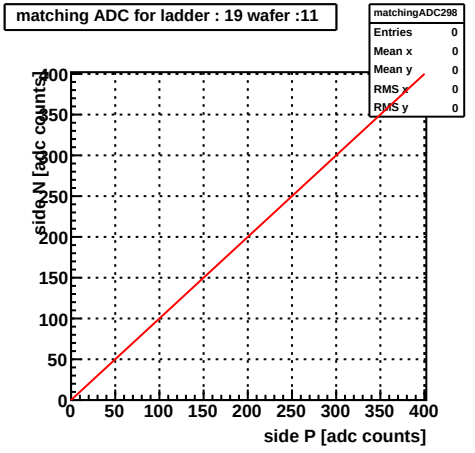

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

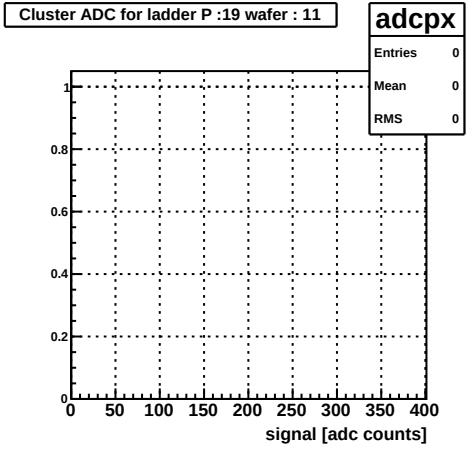

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

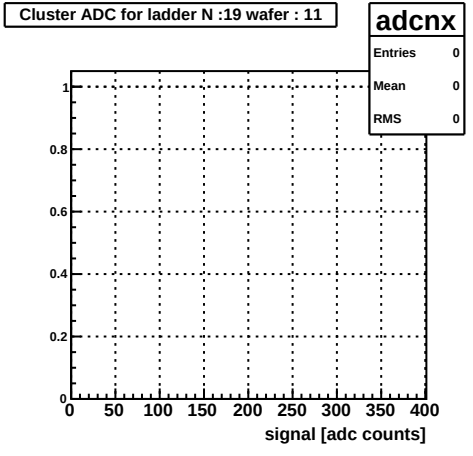

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

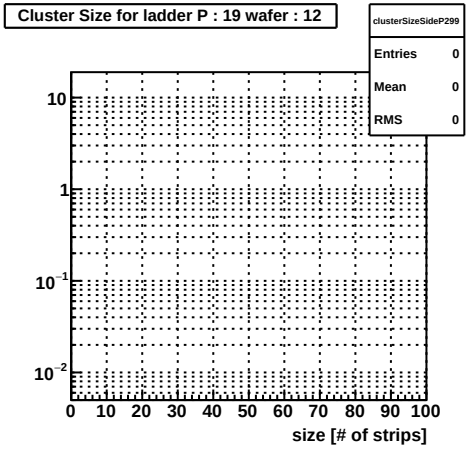

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

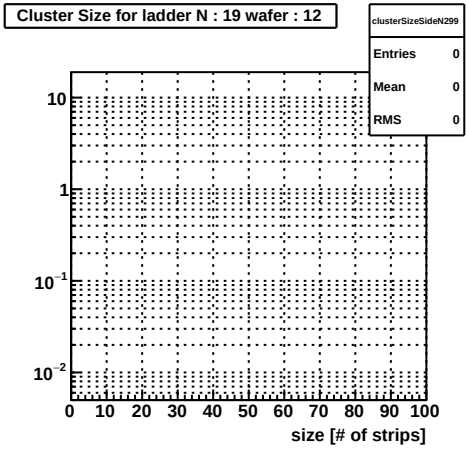

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

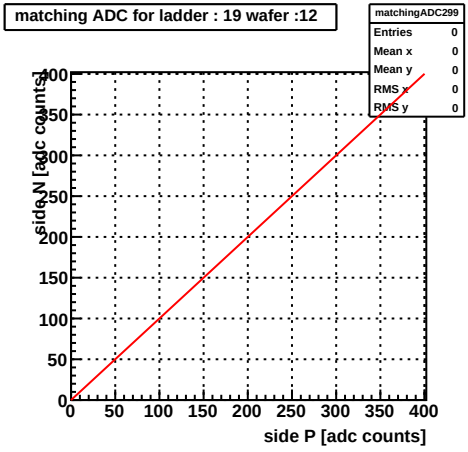

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

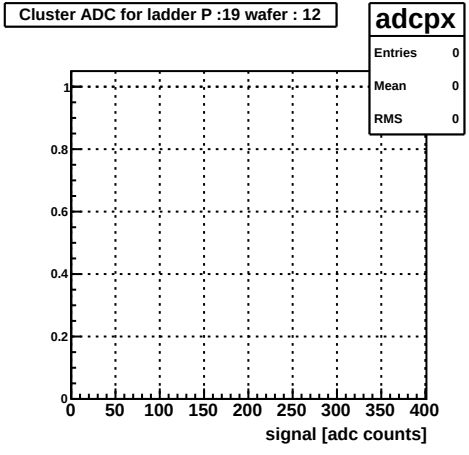

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

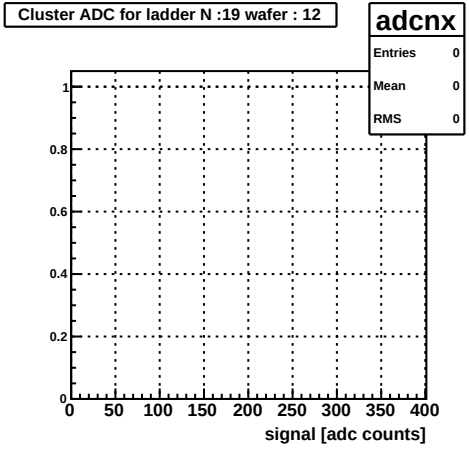

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

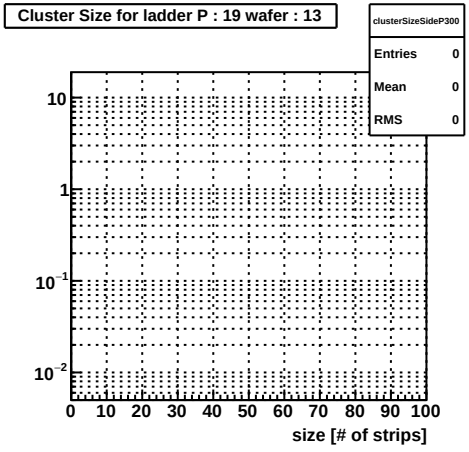

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

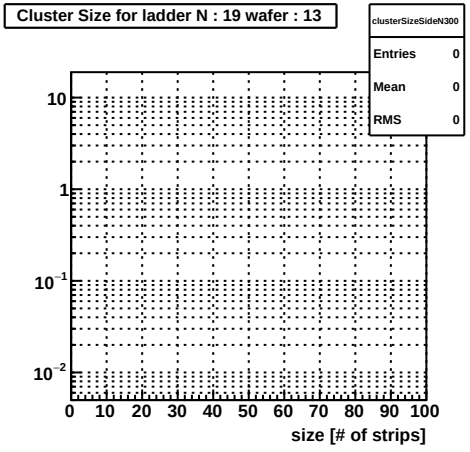

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

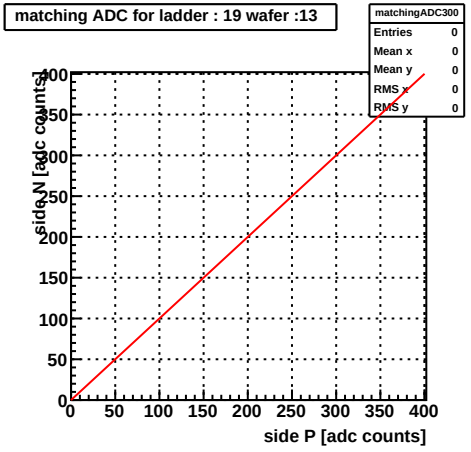

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

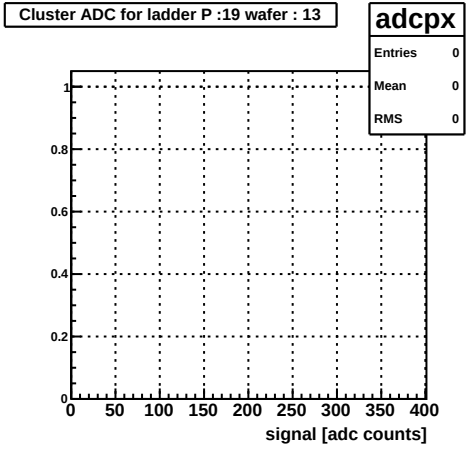

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

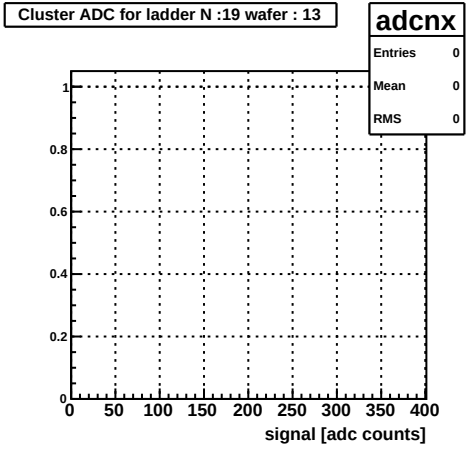

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

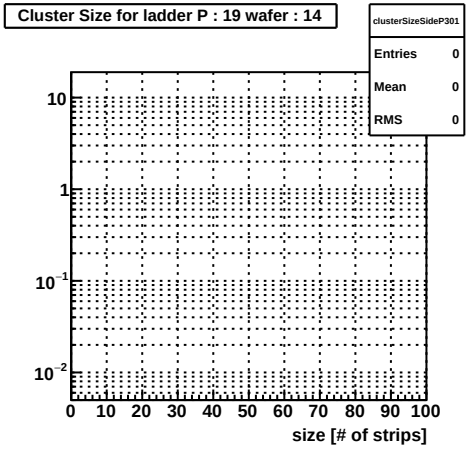

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

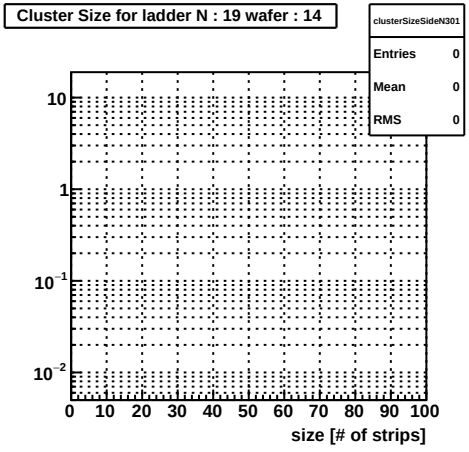

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

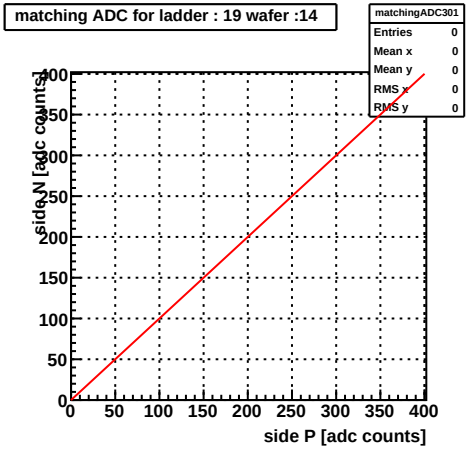

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

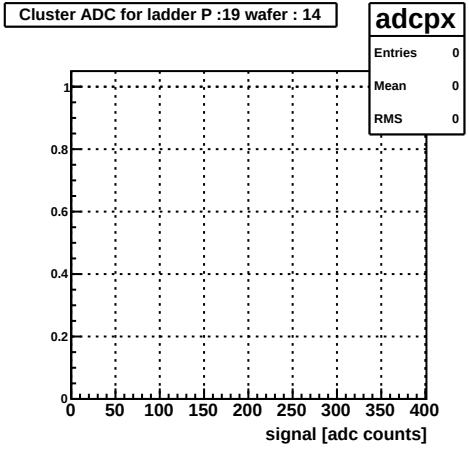

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

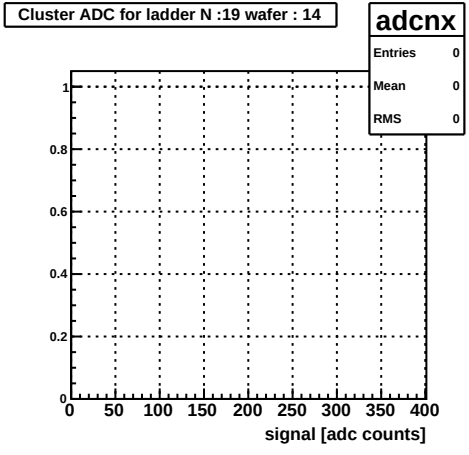

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

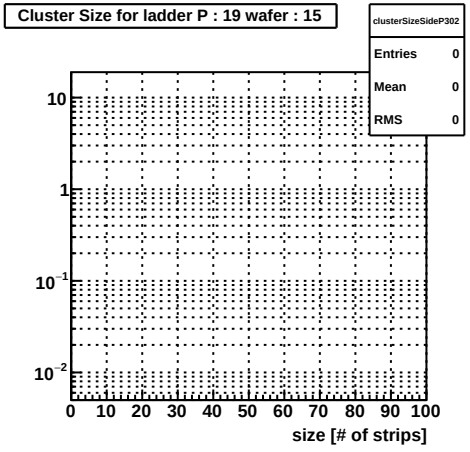

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

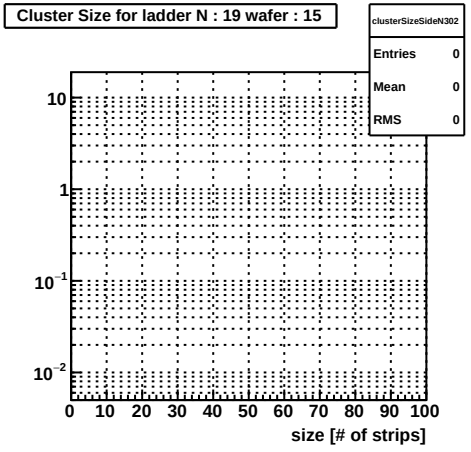

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

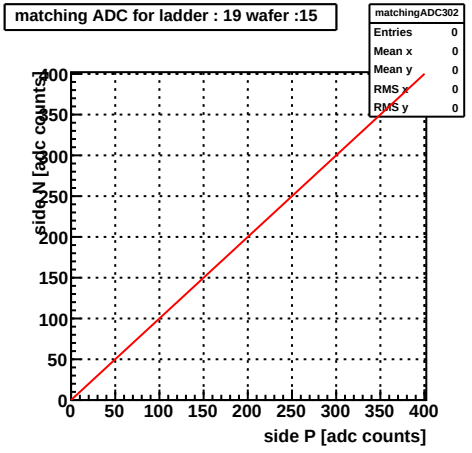

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

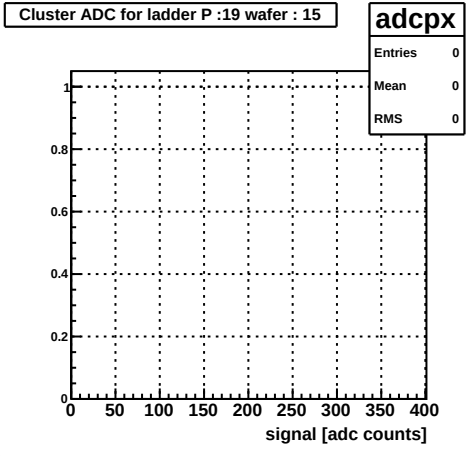

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

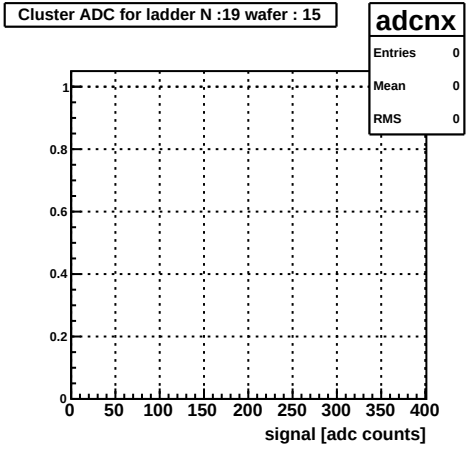

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

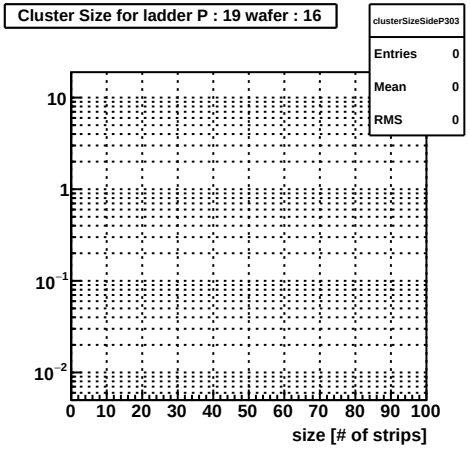

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

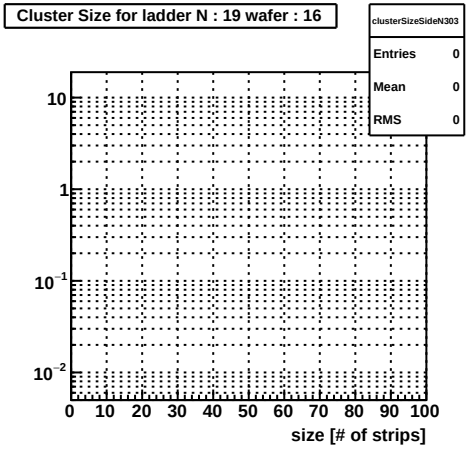

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

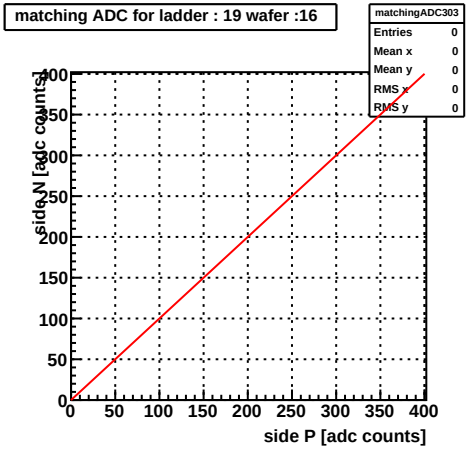

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

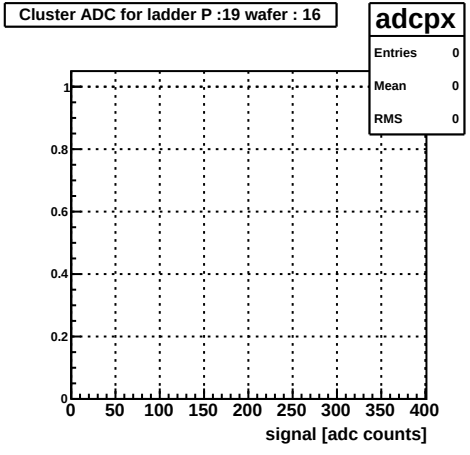

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

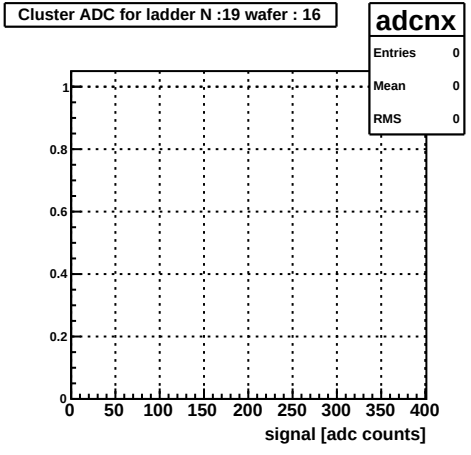

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

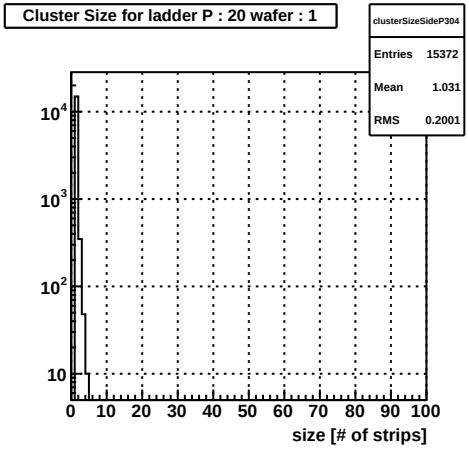

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

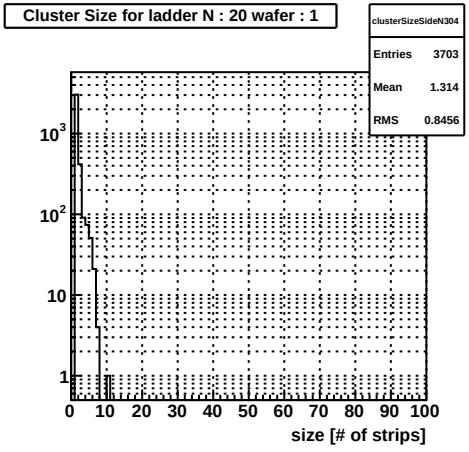

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

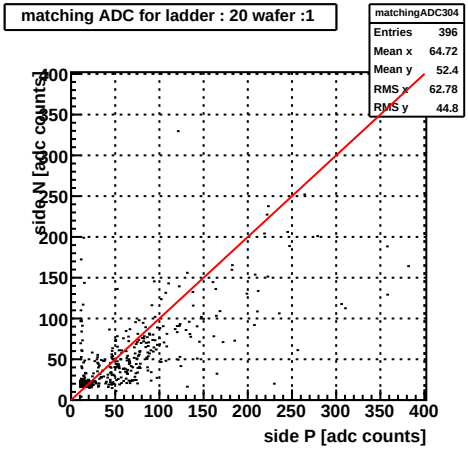

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

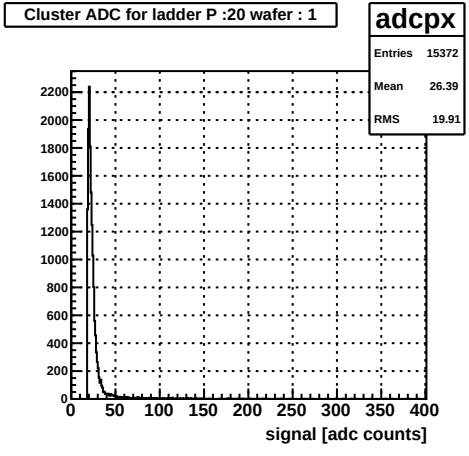

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

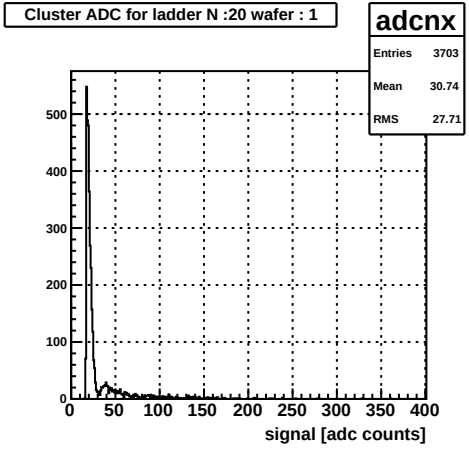

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

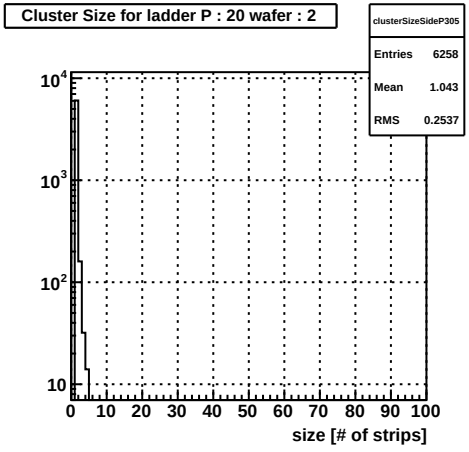

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 15372
Mean 1.031
RMS 0.2001
size [# of strips]

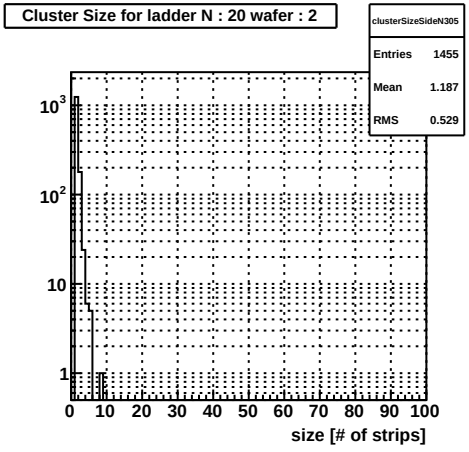

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 3703
Mean 1.314
RMS 0.8456
size [# of strips]

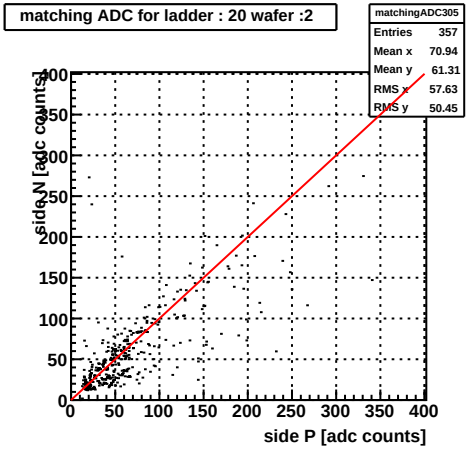

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 396
Mean x 64.72
Mean y 52.4
RMS x 62.78
RMS y 44.8
side N [adc counts]
side P [adc counts]

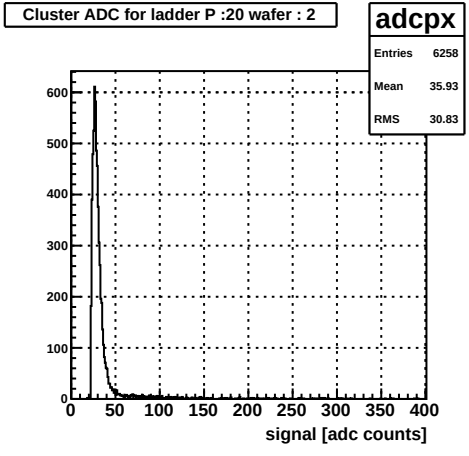

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 15372
Mean 26.39
RMS 19.91
signal [adc counts]

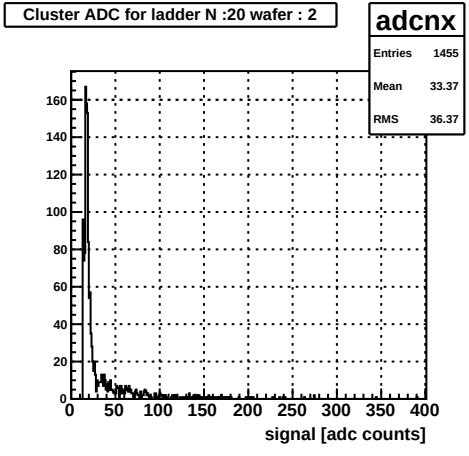

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 3703
Mean 30.74
RMS 27.71
signal [adc counts]

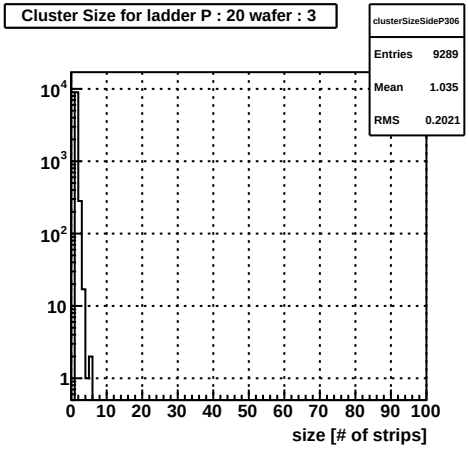

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 6258
Mean 1.043
RMS 0.2537
size [# of strips]

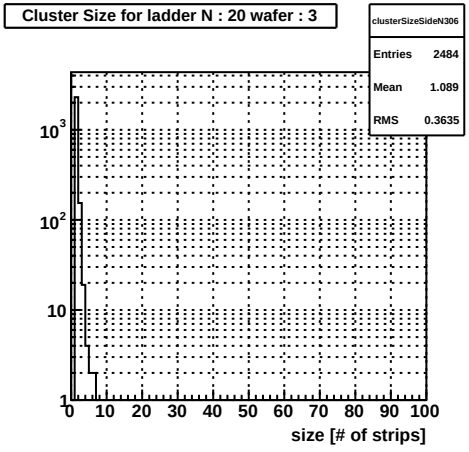

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 1455
Mean 1.187
RMS 0.529
size [# of strips]

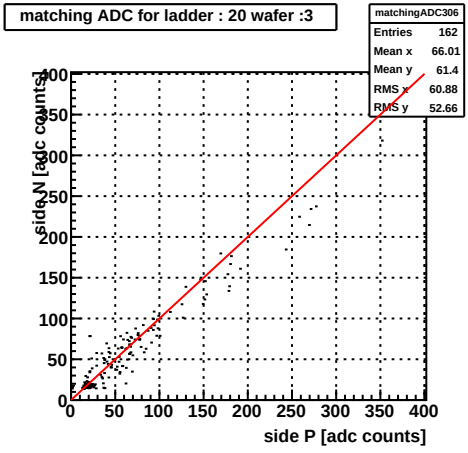

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 357
Mean x 70.94
Mean y 61.31
RMS x 57.63
RMS y 50.45
side N [adc counts]
side P [adc counts]

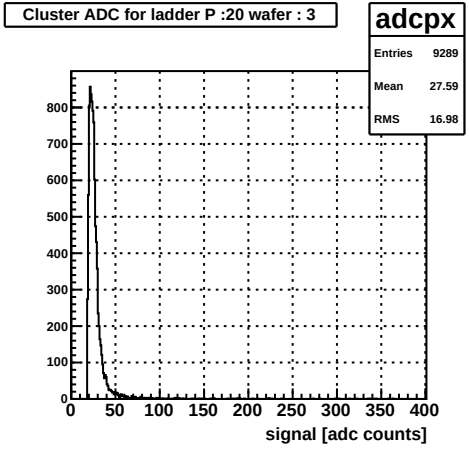

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 6258
Mean 35.93
RMS 30.83
signal [adc counts]

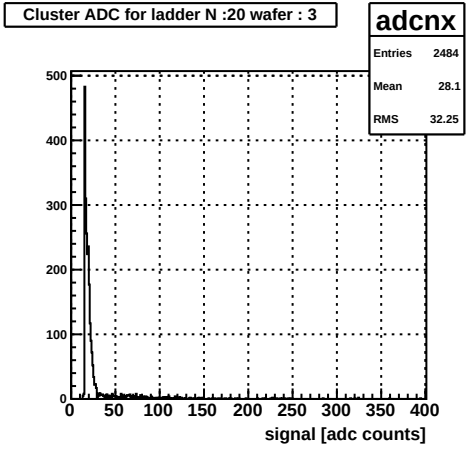

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 1455
Mean 33.37
RMS 36.37
signal [adc counts]

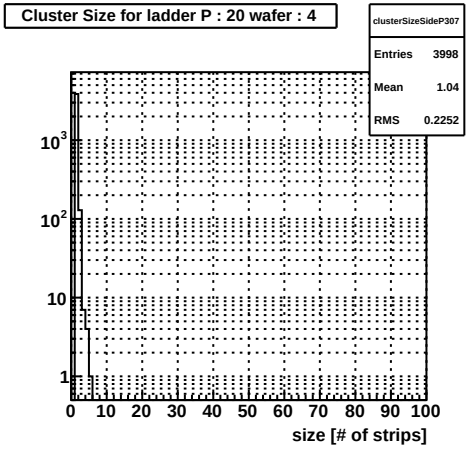

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 9289
Mean 1.035
RMS 0.2021
size [# of strips]

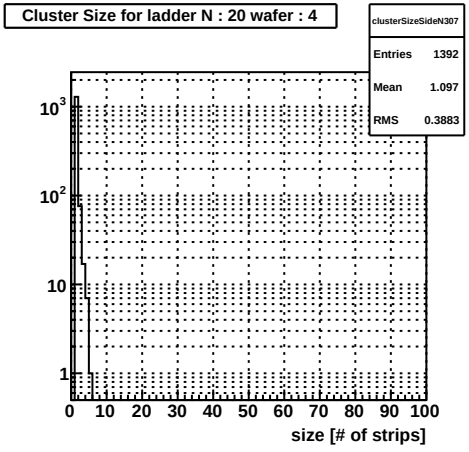

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 2484
Mean 1.089
RMS 0.3635
size [# of strips]

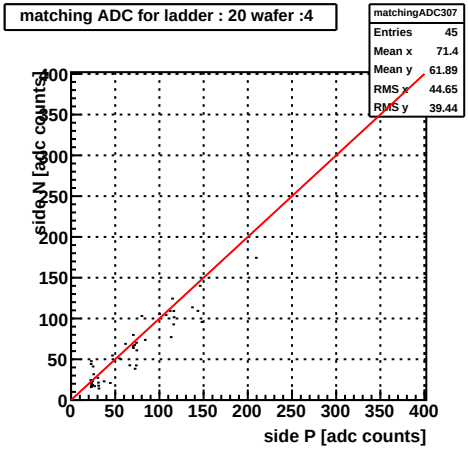

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 162
Mean x 66.01
Mean y 61.4
RMS x 60.88
RMS y 52.66
side N [adc counts]
side P [adc counts]

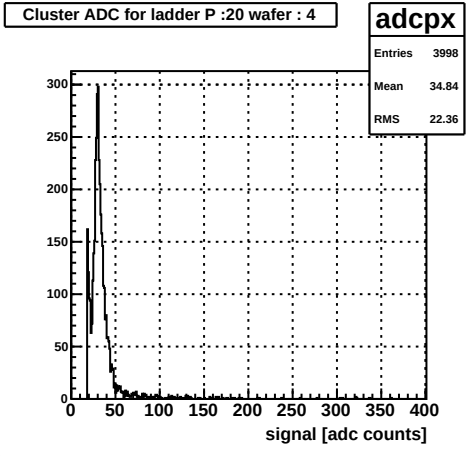

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 9289
Mean 27.59
RMS 16.98
signal [adc counts]

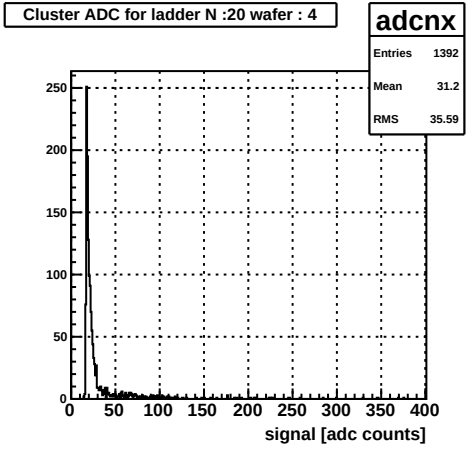

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 2484
Mean 28.1
RMS 32.25
signal [adc counts]

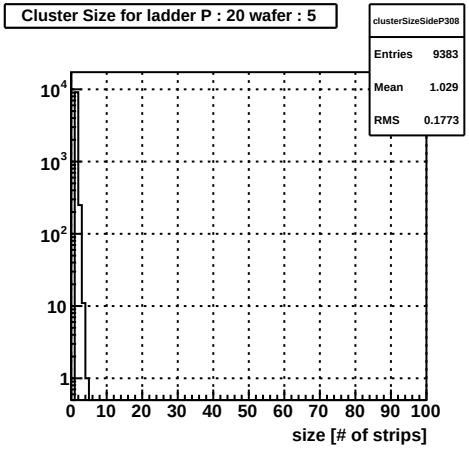

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 3998
Mean 1.04
RMS 0.2252
size [# of strips]

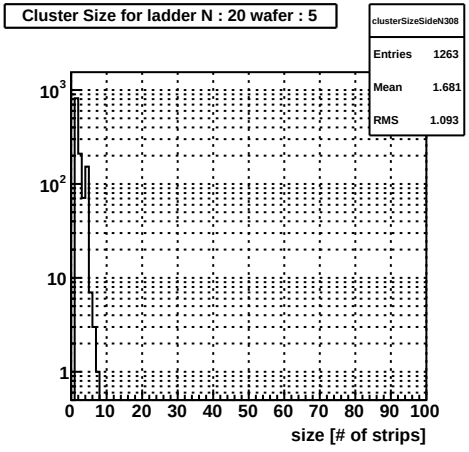

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 1392
Mean 1.097
RMS 0.3883
size [# of strips]

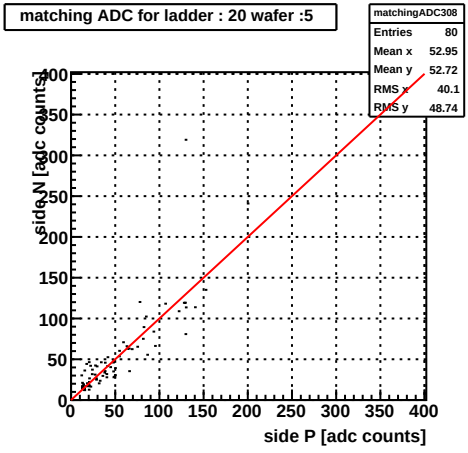

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 45
Mean x 71.4
Mean y 61.89
RMS x 44.65
RMS y 39.44
side N [adc counts]
side P [adc counts]

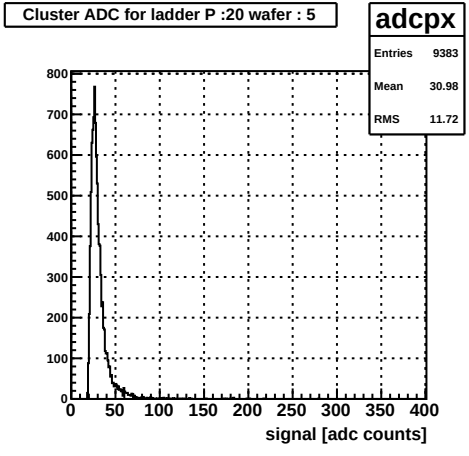

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 3998
Mean 34.84
RMS 22.36
signal [adc counts]

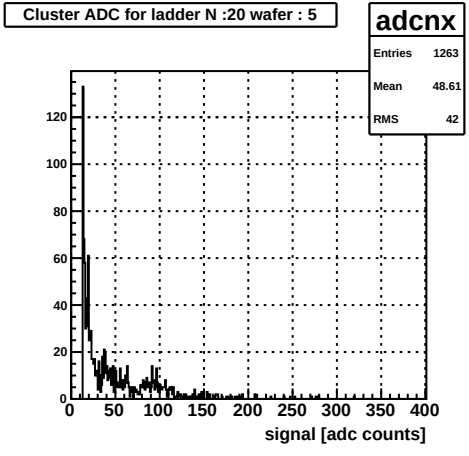

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 1392
Mean 31.2
RMS 35.59
signal [adc counts]

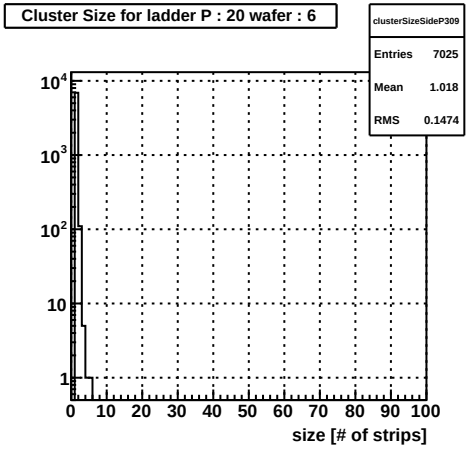

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 9383
Mean 1.029
RMS 0.1773
size [# of strips]

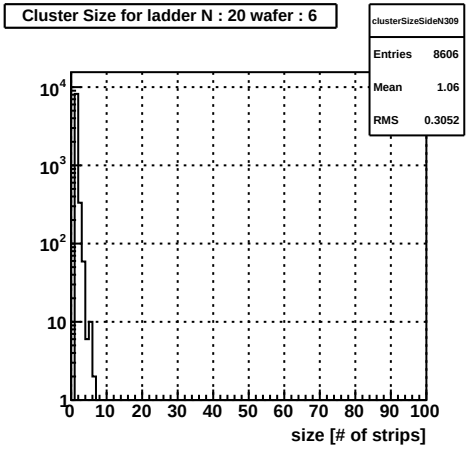

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 1263
Mean 1.681
RMS 1.093
size [# of strips]

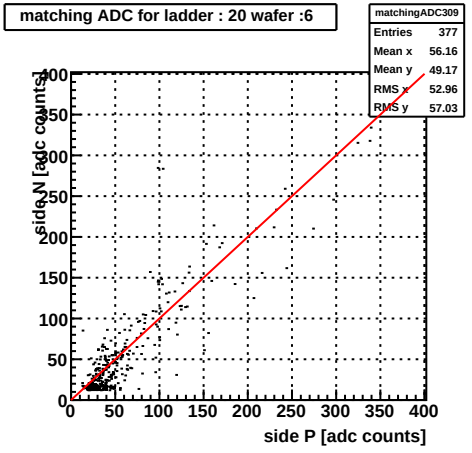

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 80
Mean x 52.95
Mean y 52.72
RMS x 40.1
RMS y 48.74
side N [adc counts]
side P [adc counts]

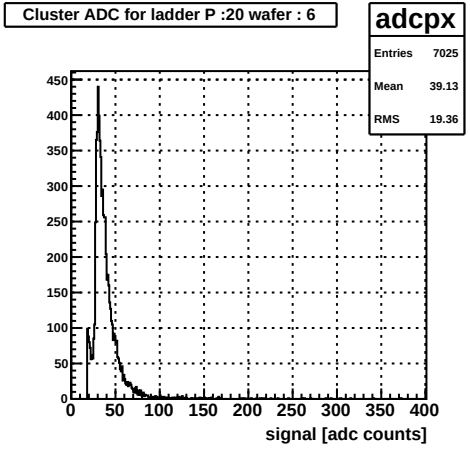

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 9383
Mean 30.98
RMS 11.72
signal [adc counts]

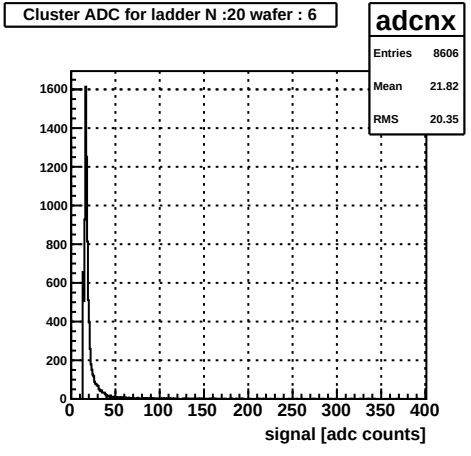

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 1263
Mean 48.61
RMS 42
signal [adc counts]

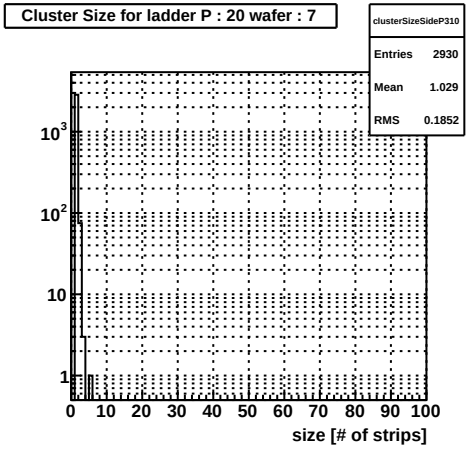

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 7025
Mean 1.018
RMS 0.1474
size [# of strips]

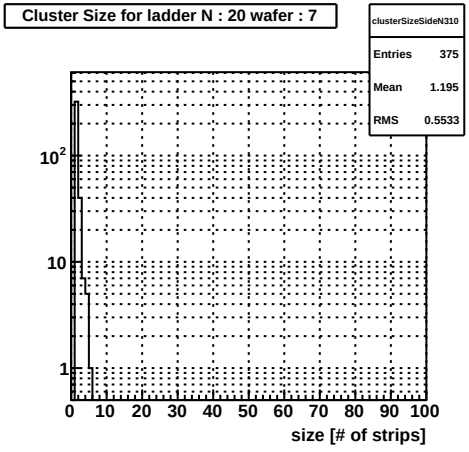

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 8606
Mean 1.06
RMS 0.3052
size [# of strips]

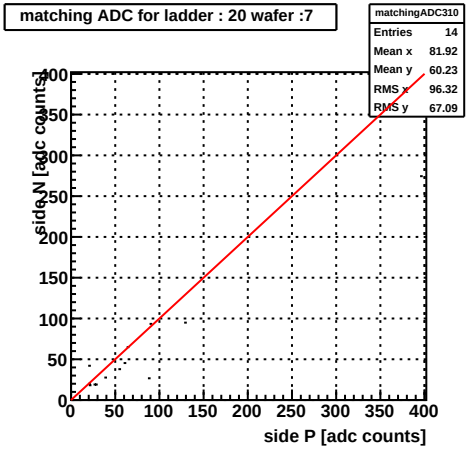

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 377
Mean x 56.16
Mean y 49.17
RMS x 52.96
RMS y 57.03
side N [adc counts]
side P [adc counts]

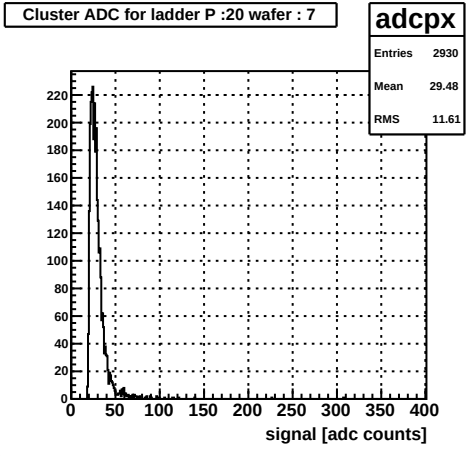

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 7025
Mean 39.13
RMS 19.36
signal [adc counts]

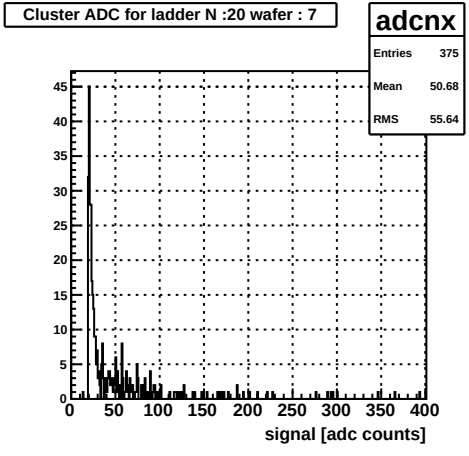

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 8606
Mean 21.82
RMS 20.35
signal [adc counts]

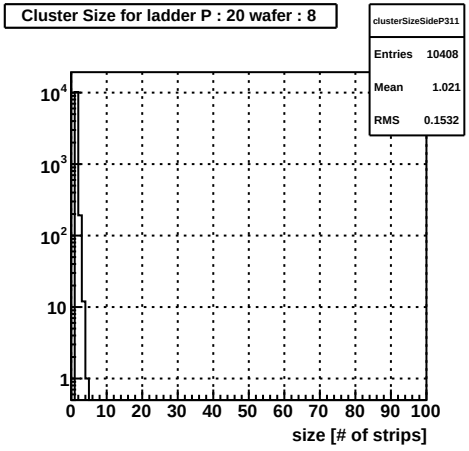

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 2930
Mean 1.029
RMS 0.1852
size [# of strips]

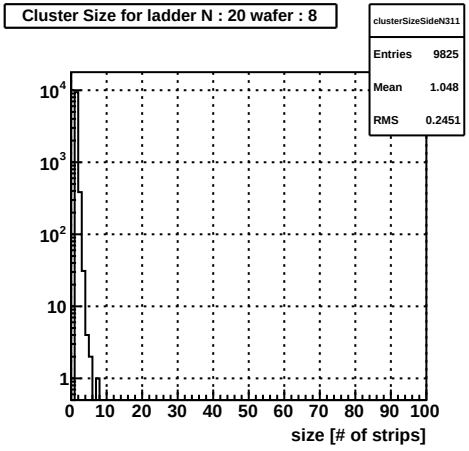

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 375
Mean 1.195
RMS 0.5533
size [# of strips]

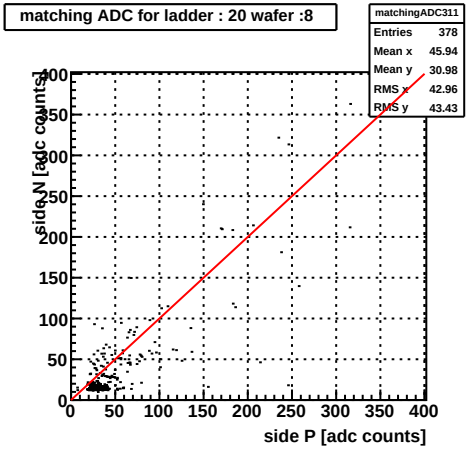

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 14
Mean x 81.92
Mean y 60.23
RMS x 96.32
RMS y 67.09
side N [adc counts]
side P [adc counts]

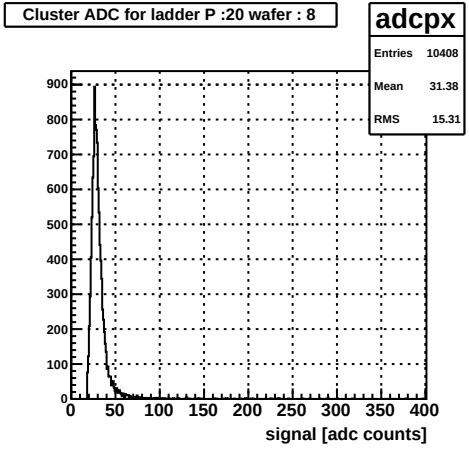

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 2930
Mean 29.48
RMS 11.61
signal [adc counts]

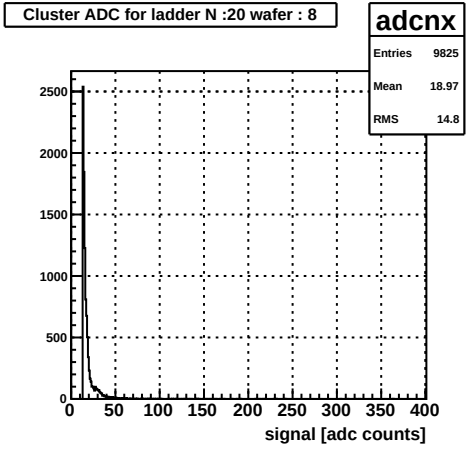

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 375
Mean 50.68
RMS 55.64
signal [adc counts]

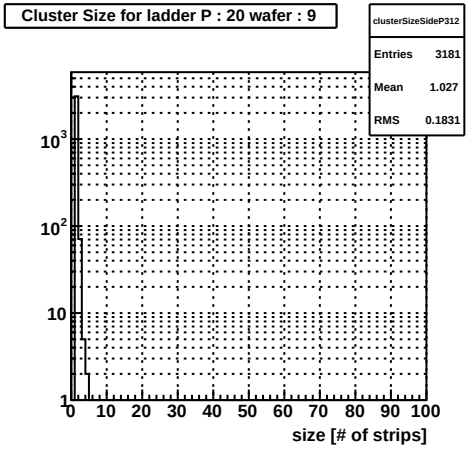

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 10408
Mean 1.021
RMS 0.1532
size [# of strips]

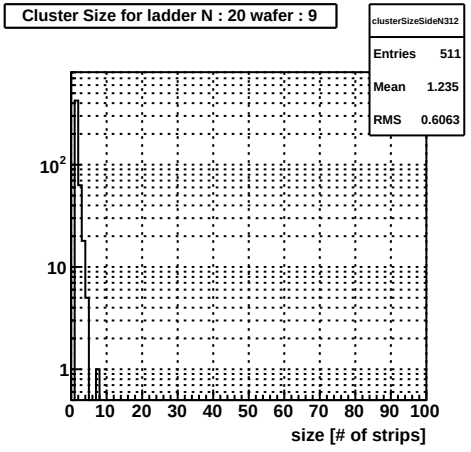

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 9825
Mean 1.048
RMS 0.2451
size [# of strips]

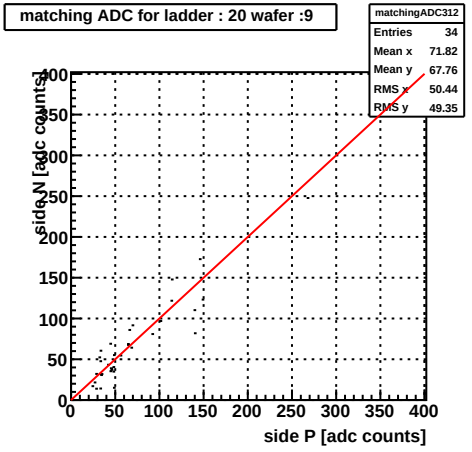

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 378
Mean x 45.94
Mean y 30.98
RMS x 42.96
RMS y 43.43
side N [adc counts]
side P [adc counts]

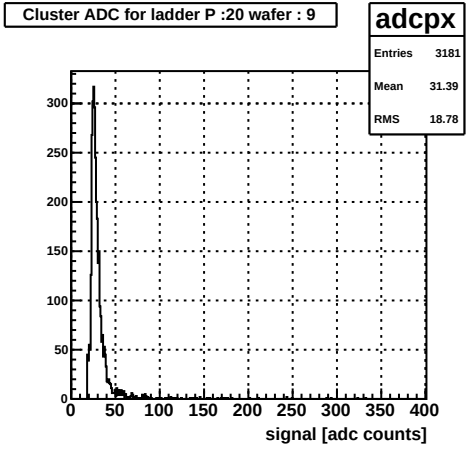

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 10408
Mean 31.38
RMS 15.31
signal [adc counts]

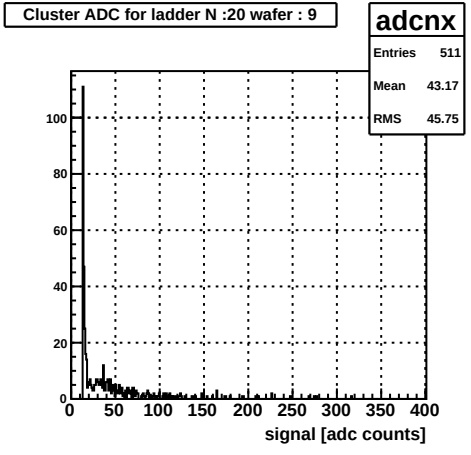

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 9825
Mean 18.97
RMS 14.8
signal [adc counts]

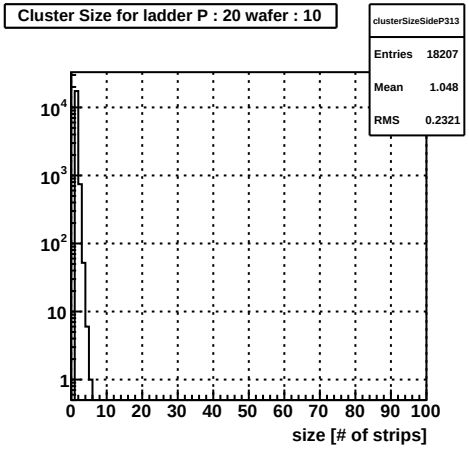

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 3181
Mean 1.027
RMS 0.1831
size [# of strips]

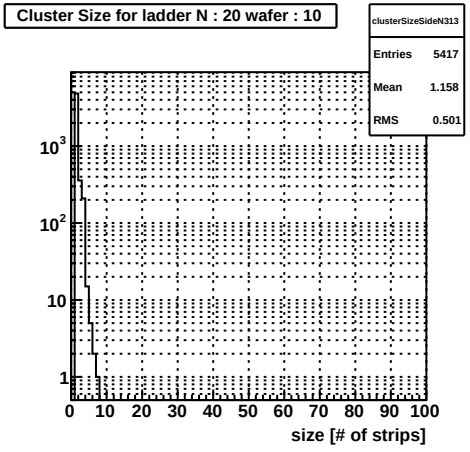

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 511
Mean 1.235
RMS 0.6063
size [# of strips]

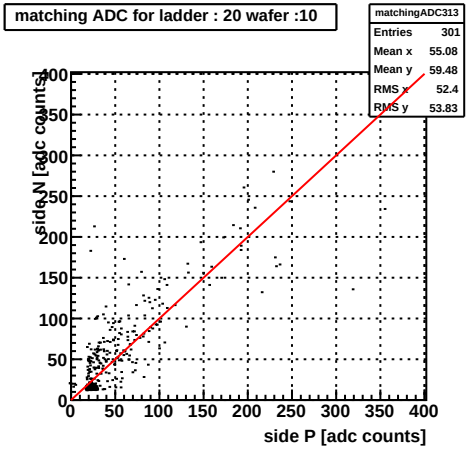

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 34
Mean x 71.82
Mean y 67.76
RMS x 50.44
RMS y 49.35
side N [adc counts]
side P [adc counts]

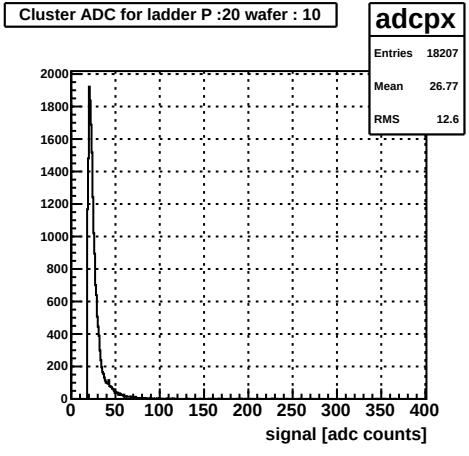

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 3181
Mean 31.39
RMS 18.78
signal [adc counts]

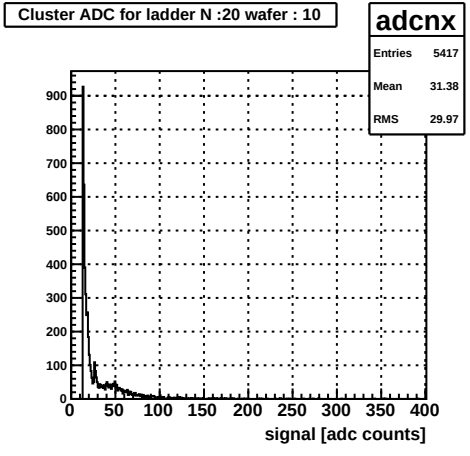

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 511
Mean 43.17
RMS 45.75
signal [adc counts]

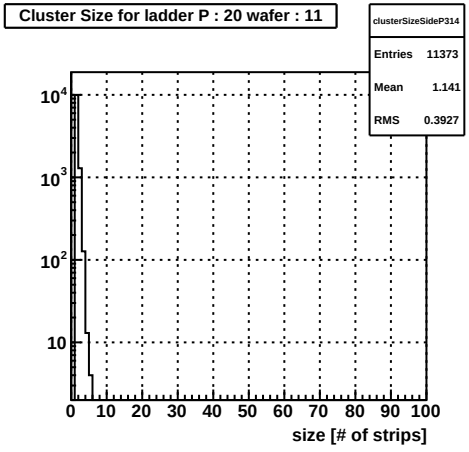

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 18207
Mean 1.048
RMS 0.2321
size [# of strips]

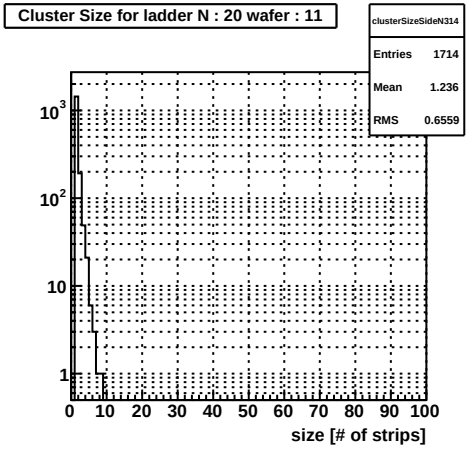

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 5417
Mean 1.158
RMS 0.501
size [# of strips]

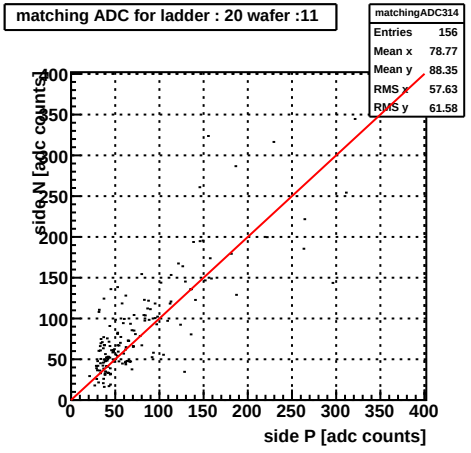

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 301
Mean x 55.08
Mean y 59.48
RMS x 52.4
RMS y 53.83
side N [adc counts]
side P [adc counts]

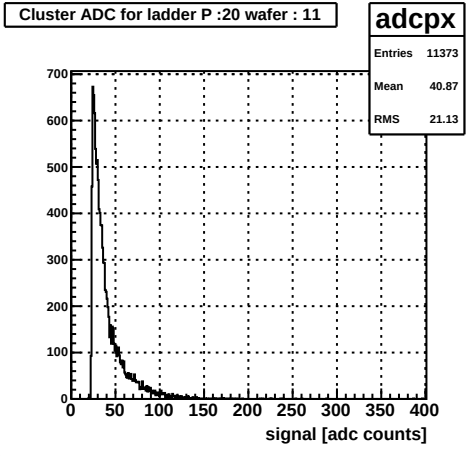

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 18207
Mean 26.77
RMS 12.6
signal [adc counts]

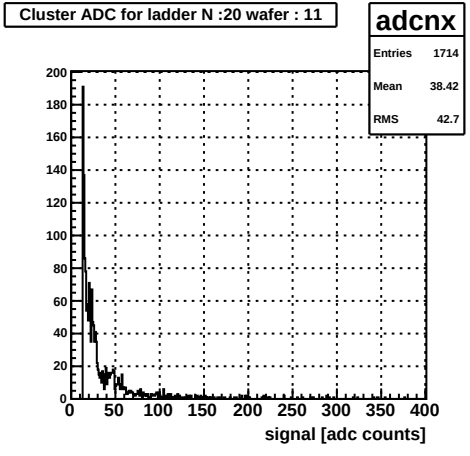

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 5417
Mean 31.38
RMS 29.97
signal [adc counts]

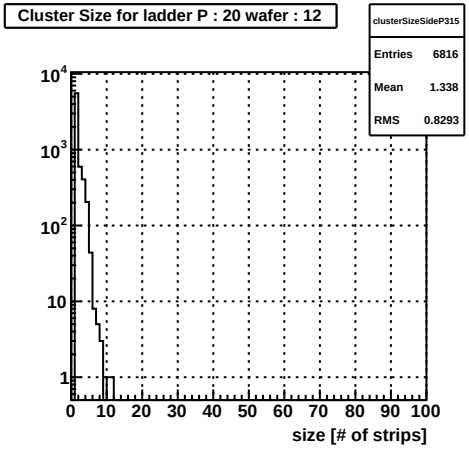

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 11373
Mean 1.141
RMS 0.3927
size [# of strips]

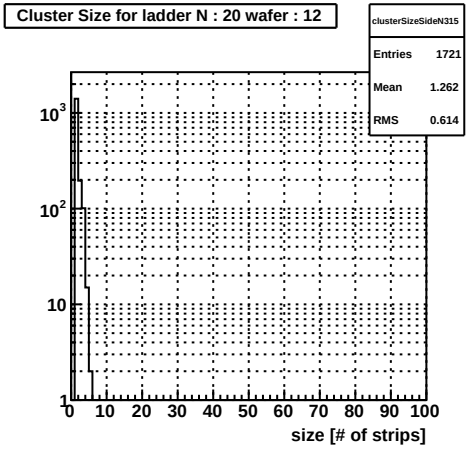

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 1714
Mean 1.236
RMS 0.6559
size [# of strips]

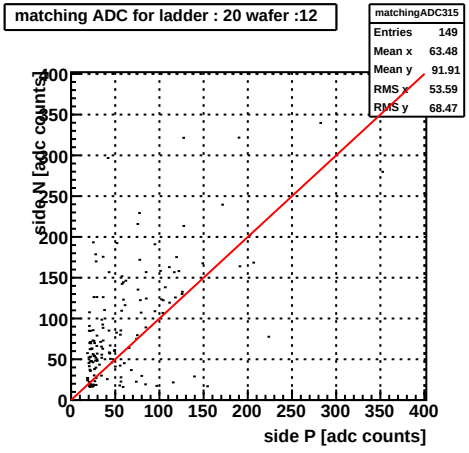

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 156
Mean x 78.77
Mean y 88.35
RMS x 57.63
RMS y 61.58
side N [adc counts]
side P [adc counts]

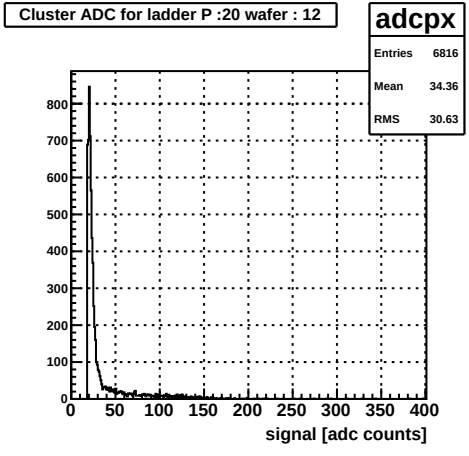

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 11373
Mean 40.87
RMS 21.13
signal [adc counts]

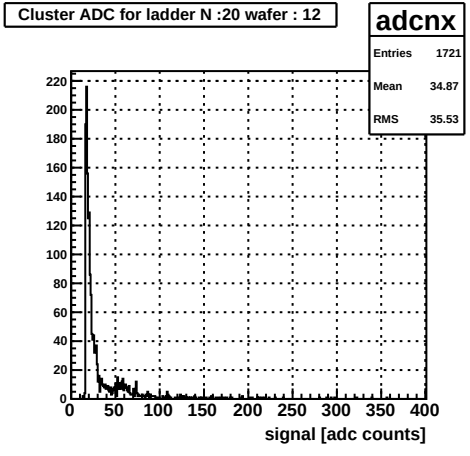

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 1714
Mean 38.42
RMS 42.7
signal [adc counts]

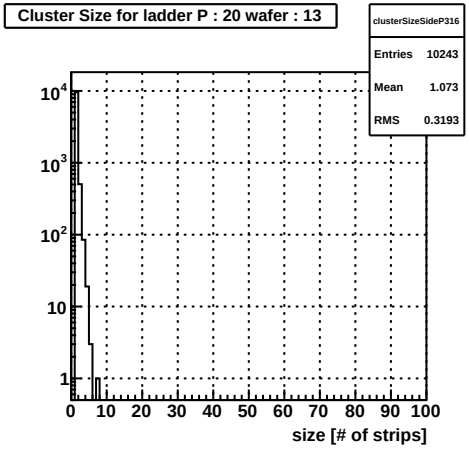

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 6816
Mean 1.338
RMS 0.8293
size [# of strips]

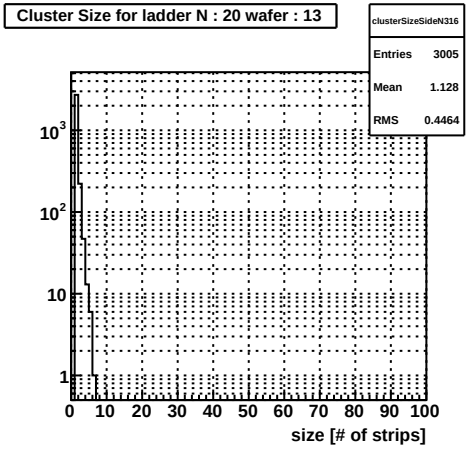

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 1721
Mean 1.262
RMS 0.614
size [# of strips]

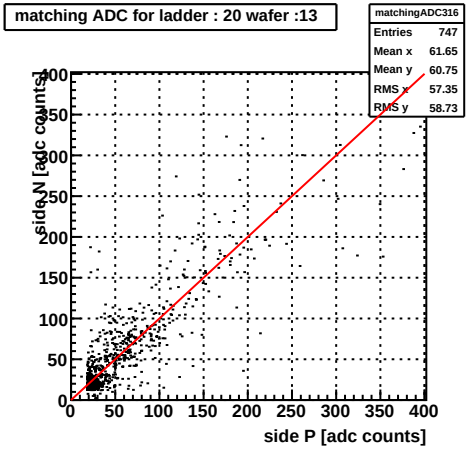

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 149
Mean x 63.48
Mean y 91.91
RMS x 53.59
RMS y 68.47
side N [adc counts]
side P [adc counts]

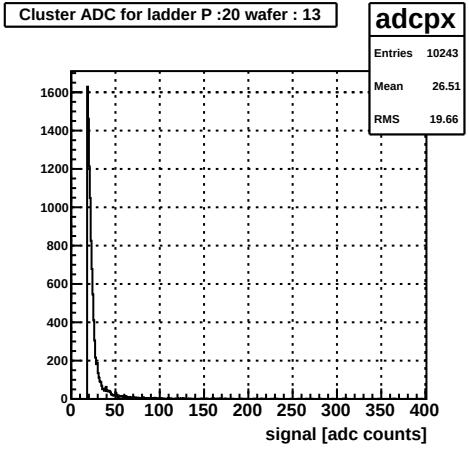

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 6816
Mean 34.36
RMS 30.63
signal [adc counts]

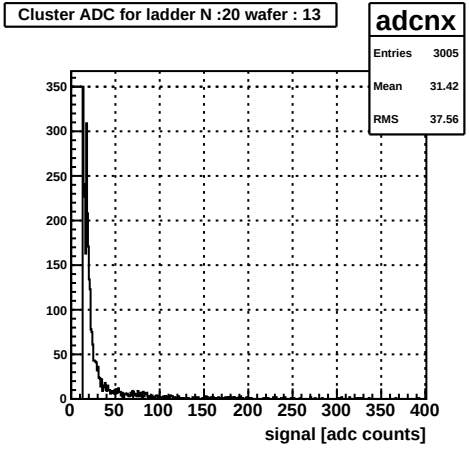

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 1721
Mean 34.87
RMS 35.53
signal [adc counts]

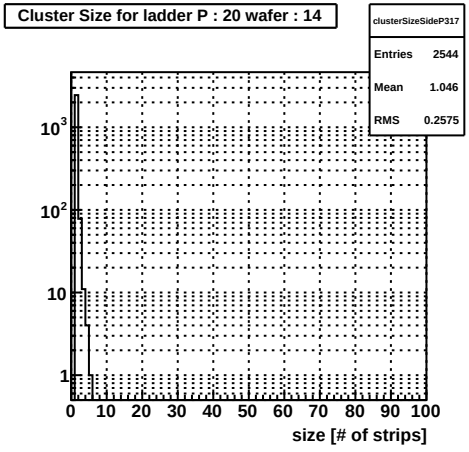

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 10243
Mean 1.073
RMS 0.3193
size [# of strips]

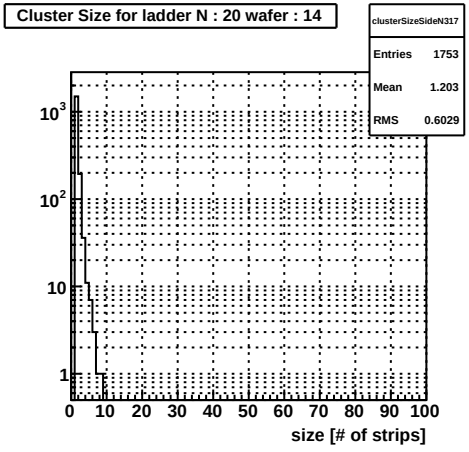

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 3005
Mean 1.128
RMS 0.4464
size [# of strips]

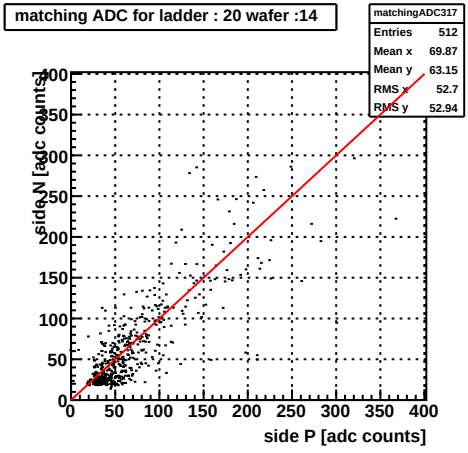

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 747
Mean x 61.65
Mean y 60.75
RMS x 57.35
RMS y 58.73
side N [adc counts]
side P [adc counts]

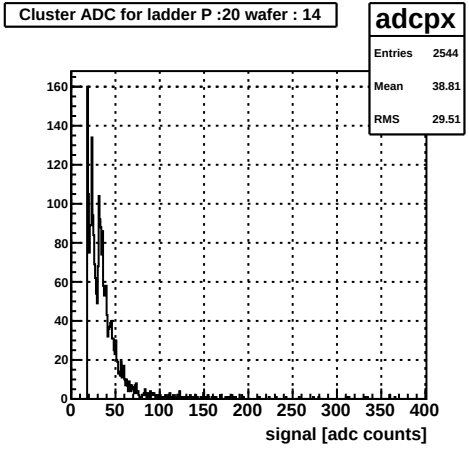

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 10243
Mean 26.51
RMS 19.66
signal [adc counts]

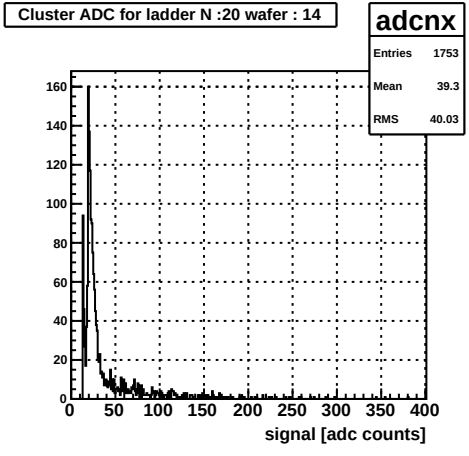

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 3005
Mean 31.42
RMS 37.56
signal [adc counts]

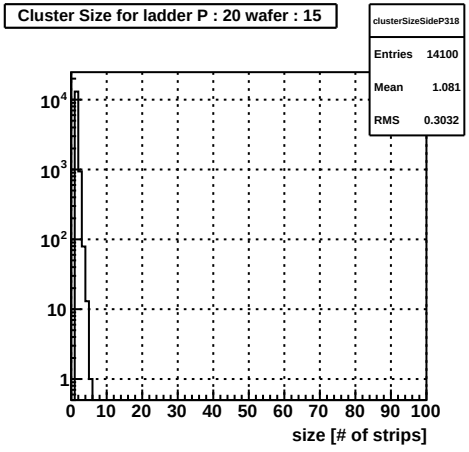

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 2544
Mean 1.046
RMS 0.2575
size [# of strips]

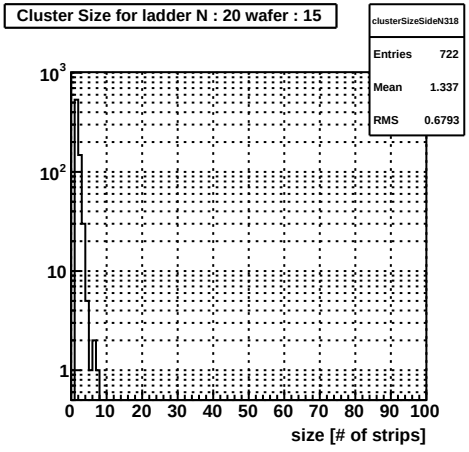

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 1753
Mean 1.203
RMS 0.6029
size [# of strips]

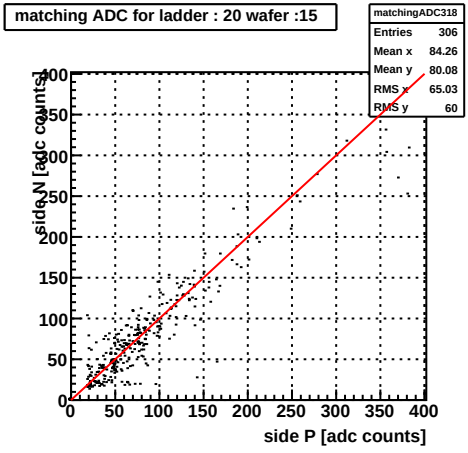

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 512
Mean x 69.87
Mean y 63.15
RMS x 52.7
RMS y 52.94
side N [adc counts]
side P [adc counts]

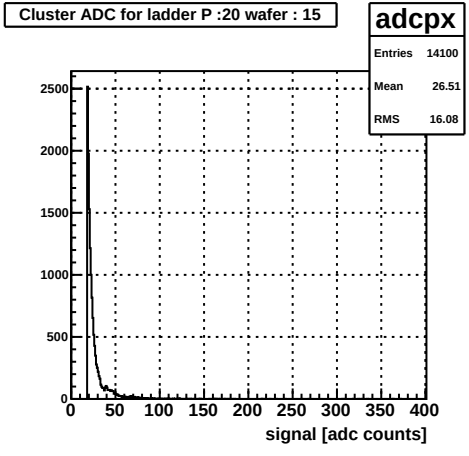

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 2544
Mean 38.81
RMS 29.51
signal [adc counts]

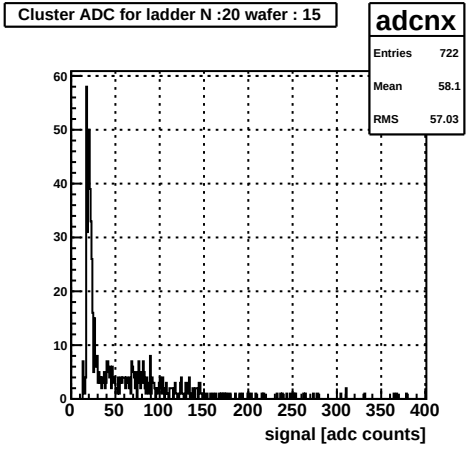

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 1753
Mean 39.3
RMS 40.03
signal [adc counts]

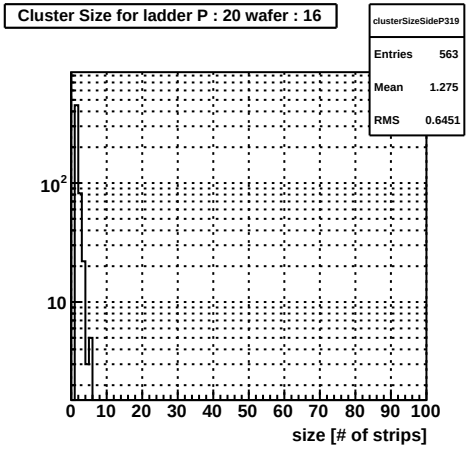

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 14100
Mean 1.081
RMS 0.3032
size [# of strips]

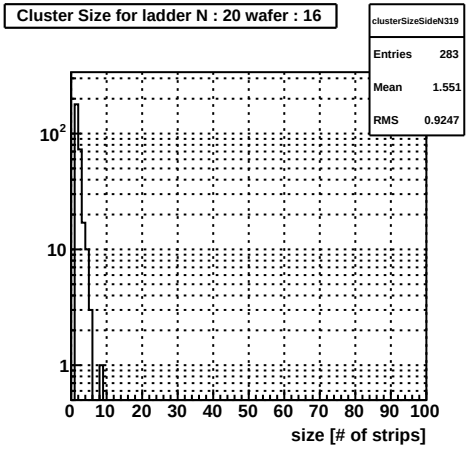

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 722
Mean 1.337
RMS 0.6793
size [# of strips]

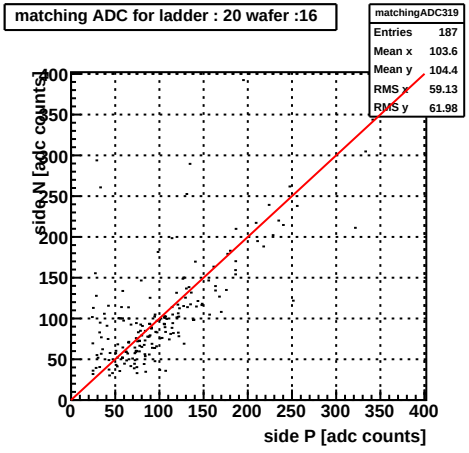

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 306
Mean x 84.26
Mean y 80.08
RMS x 65.03
RMS y 60
side N [adc counts]
side P [adc counts]

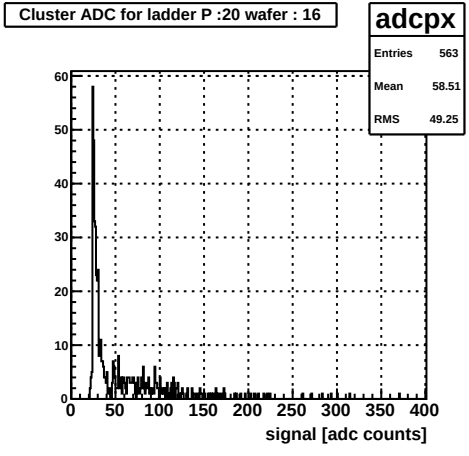

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 14100
Mean 26.51
RMS 16.08
signal [adc counts]

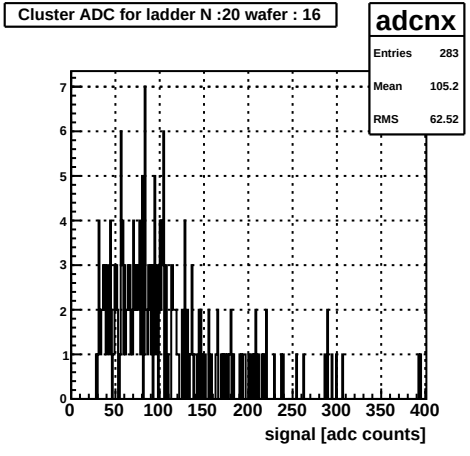

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 722
Mean 58.1
RMS 57.03
signal [adc counts]

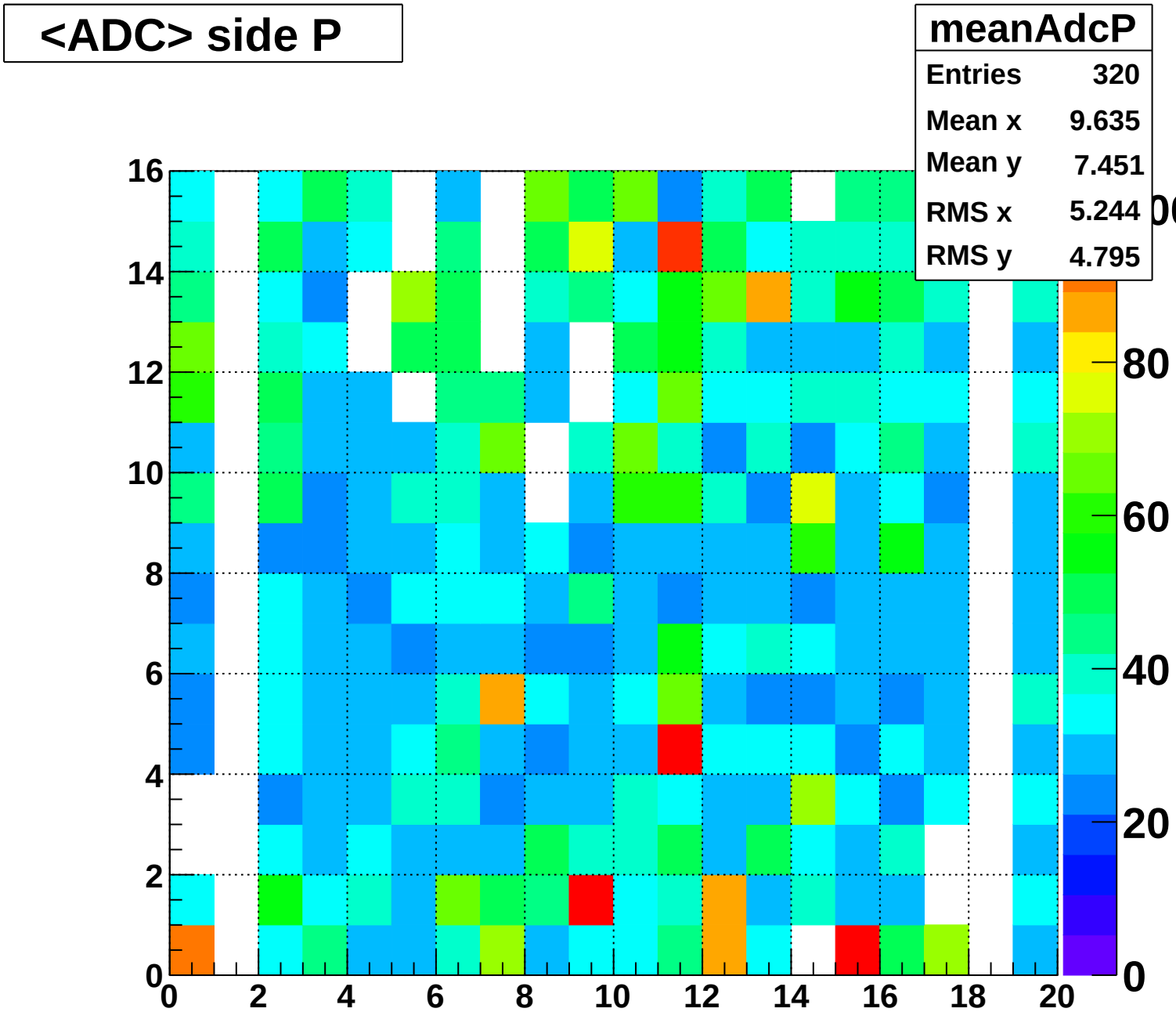

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 563
Mean 1.275
RMS 0.6451
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 283
Mean 1.551
RMS 0.9247
size [# of strips]

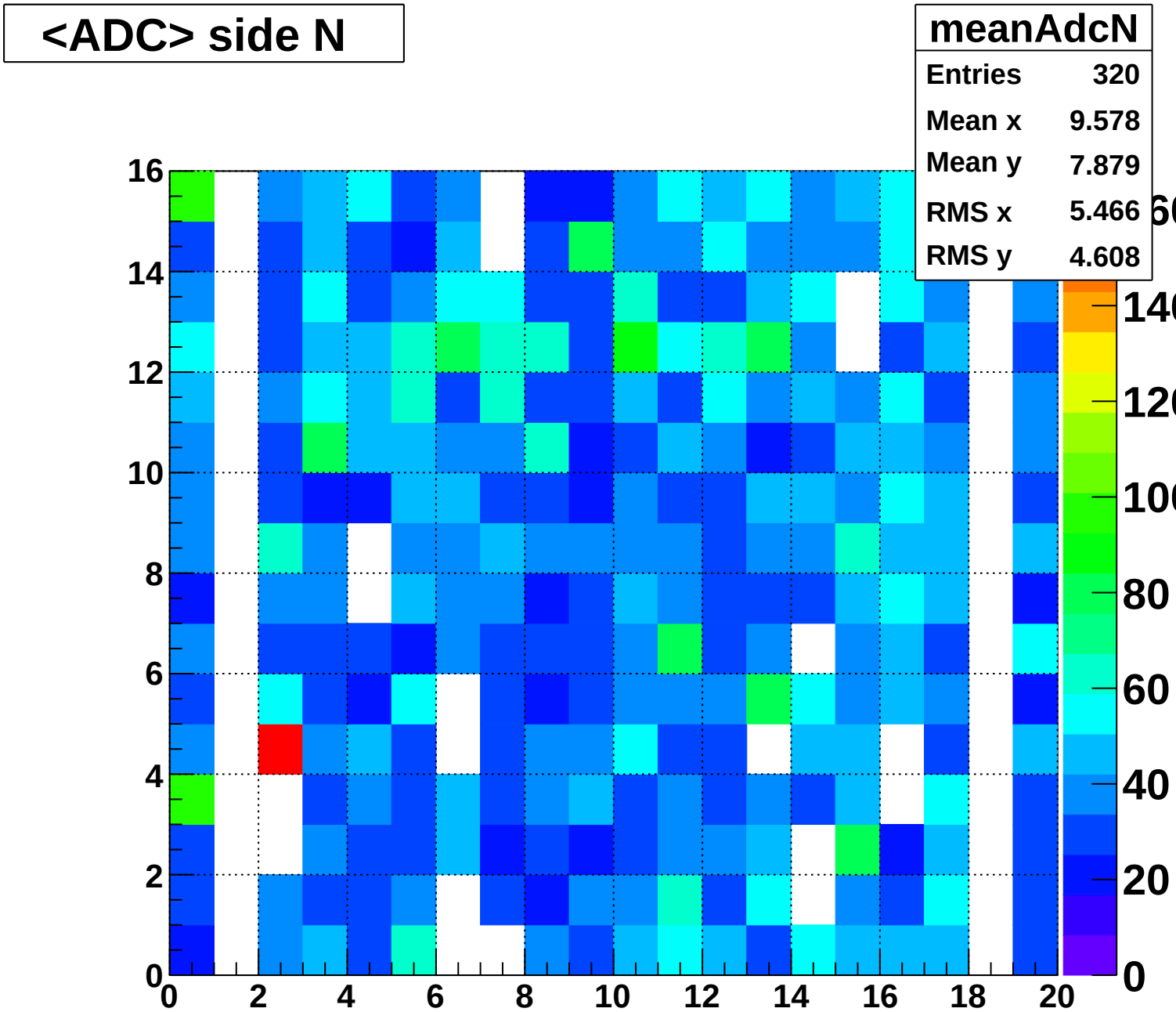

matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 187
Mean x 103.6
Mean y 104.4
RMS x 59.13
RMS y 61.98
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 563
Mean 58.51
RMS 49.25
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 283
Mean 105.2
RMS 62.52
signal [adc counts]



2016-05-21 14:43:08



2016-05-21 14:43:08