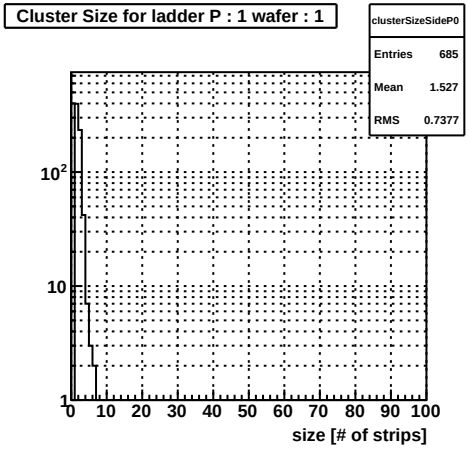
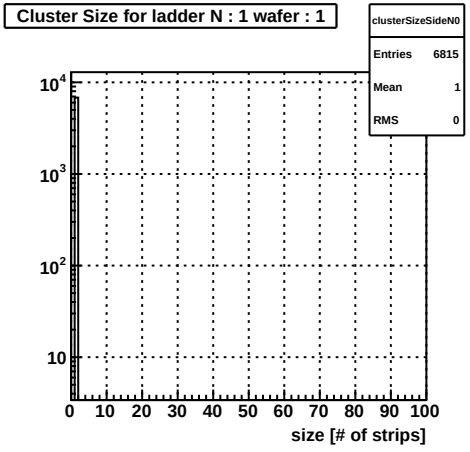
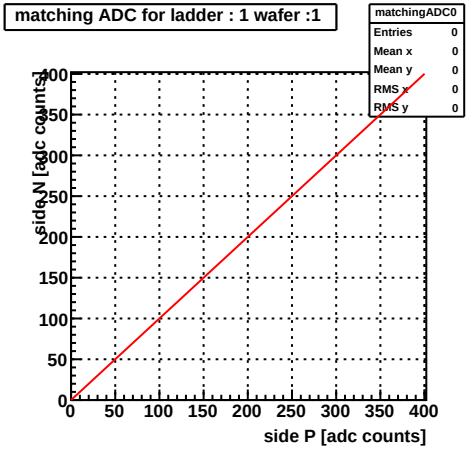
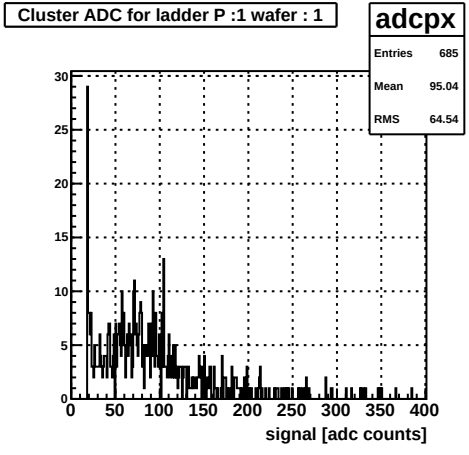
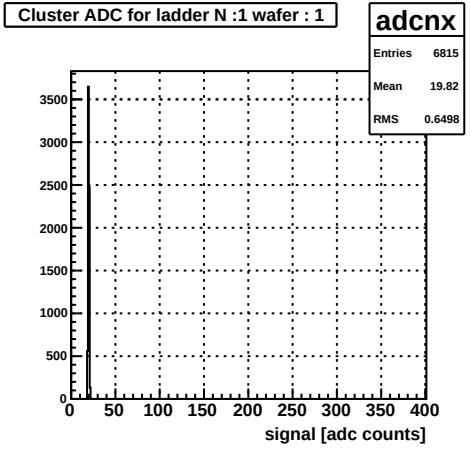
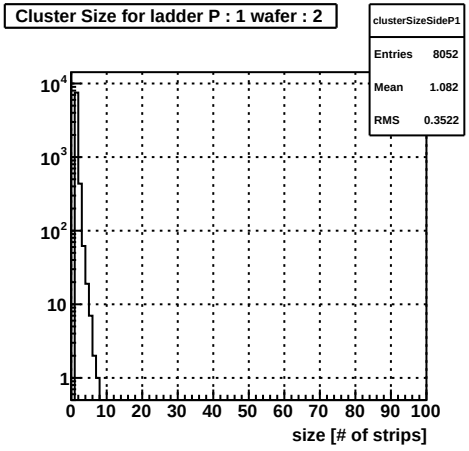

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 685
Mean 1.527
RMS 0.7377
size [# of strips]

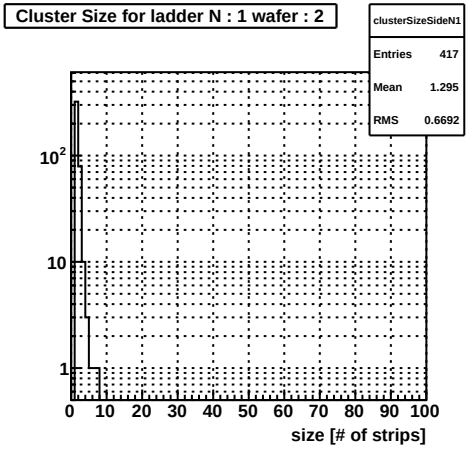

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 6815
Mean 1
RMS 0
size [# of strips]

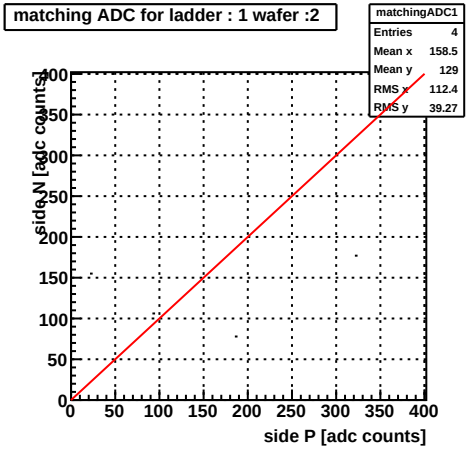

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

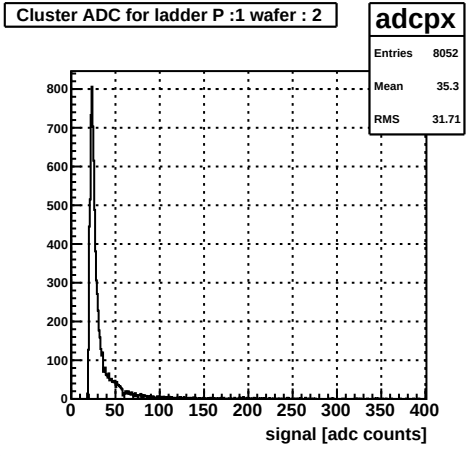

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 685
Mean 95.04
RMS 64.54
signal [adc counts]

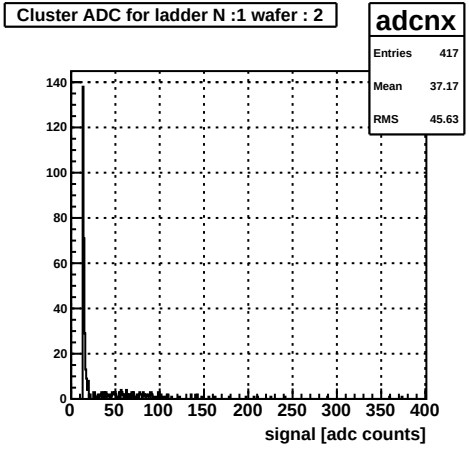

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 6815
Mean 19.82
RMS 0.6498
signal [adc counts]

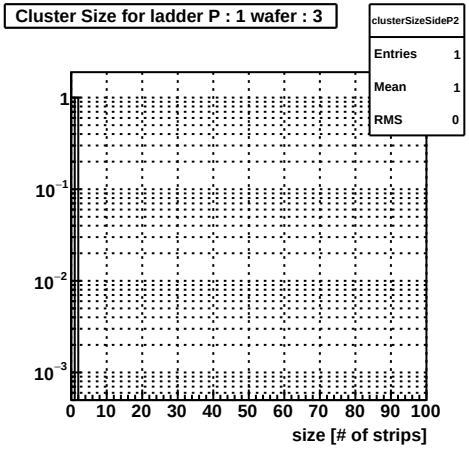

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 8052
Mean 1.082
RMS 0.3522
size [# of strips]

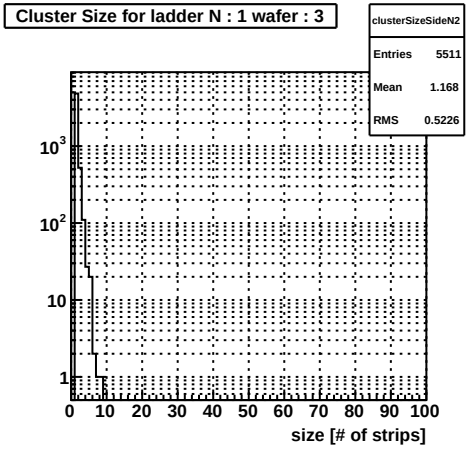

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 417
Mean 1.295
RMS 0.6692
size [# of strips]

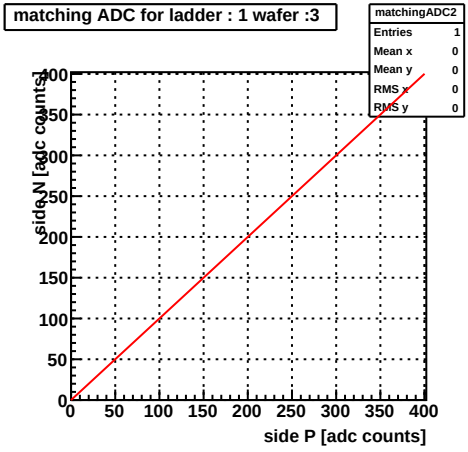

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 4
Mean x 158.5
Mean y 129
RMS x 112.4
RMS y 39.27
side N [adc counts]
side P [adc counts]

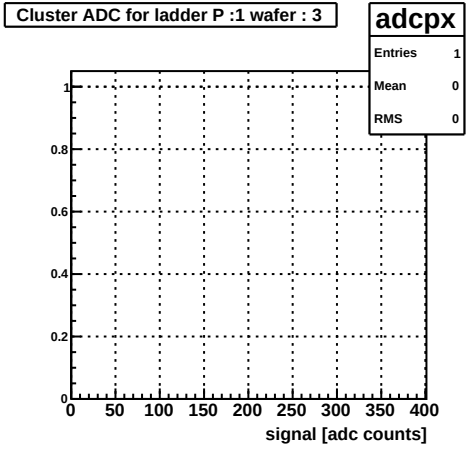

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 8052
Mean 35.3
RMS 31.71
signal [adc counts]

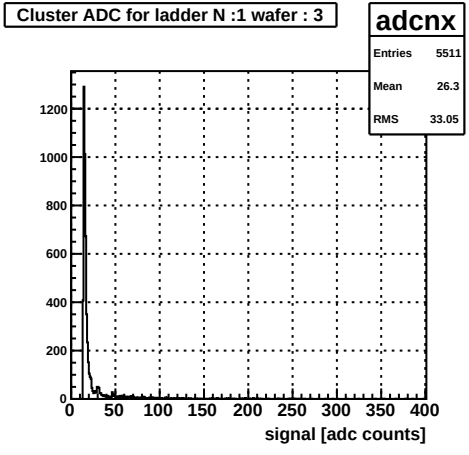

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 417
Mean 37.17
RMS 45.63
signal [adc counts]

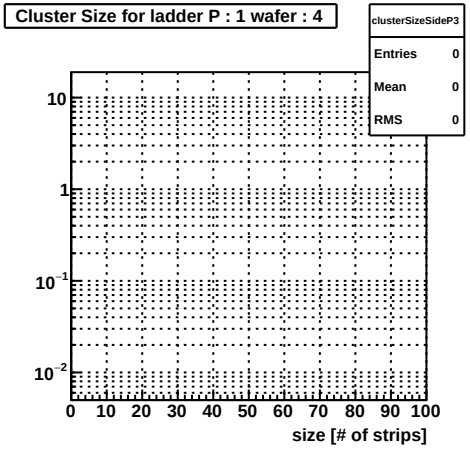

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 1
Mean 1
RMS 0
size [# of strips]

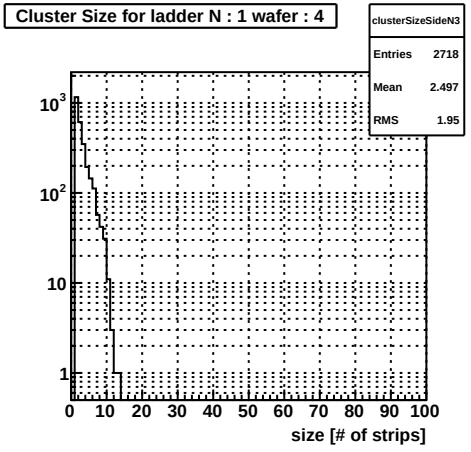

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 5511
Mean 1.168
RMS 0.5226
size [# of strips]

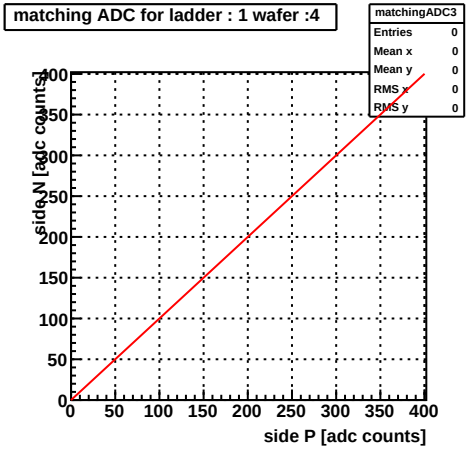

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

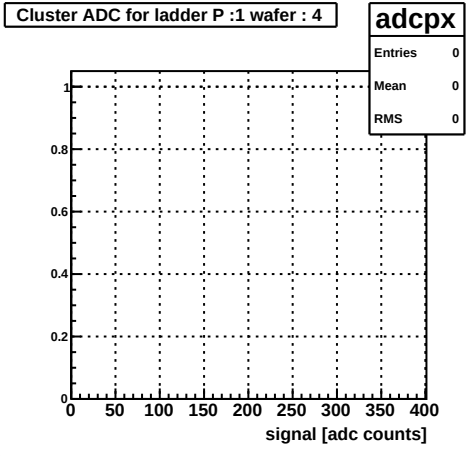

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

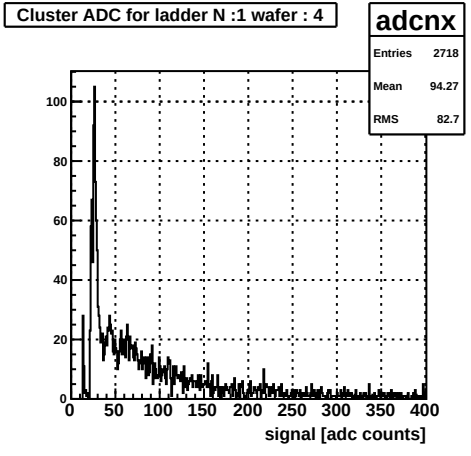

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 5511
Mean 26.3
RMS 33.05
signal [adc counts]

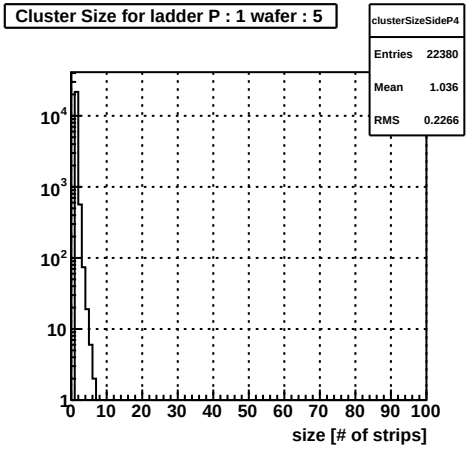

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

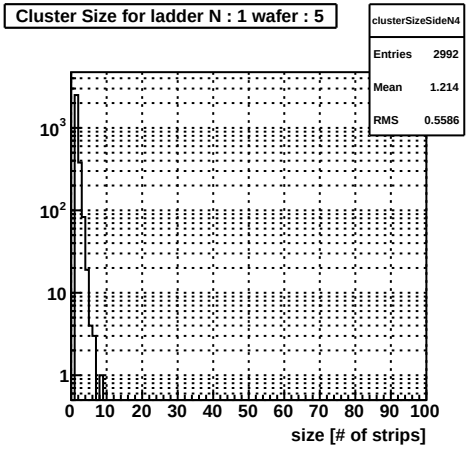

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 2718
Mean 2.497
RMS 1.95
size [# of strips]

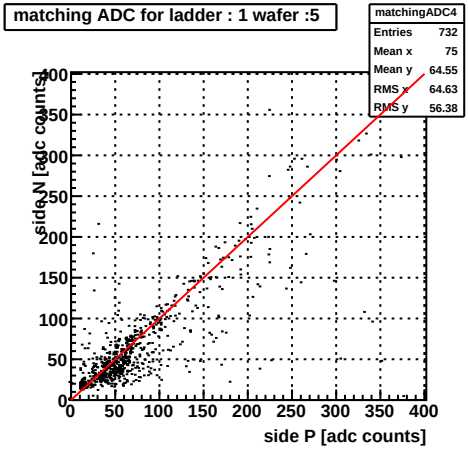

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

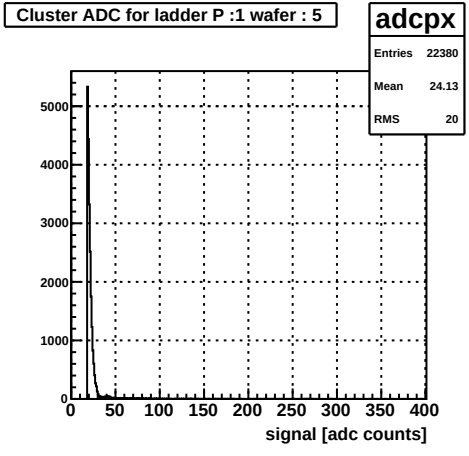

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

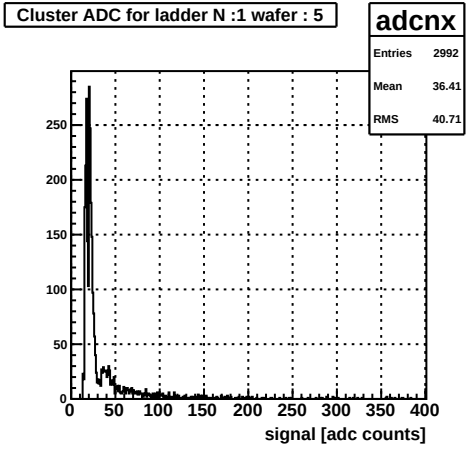

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 2718
Mean 94.27
RMS 82.7
signal [adc counts]

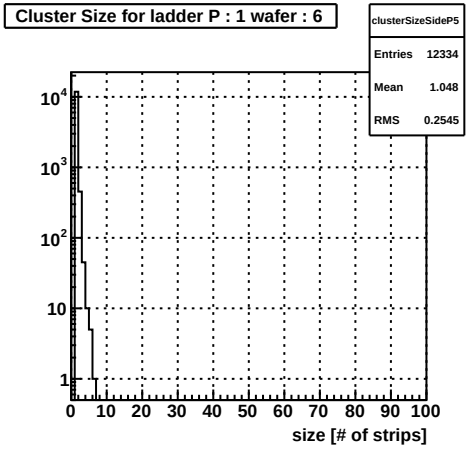

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 22380
Mean 1.036
RMS 0.2266
size [# of strips]

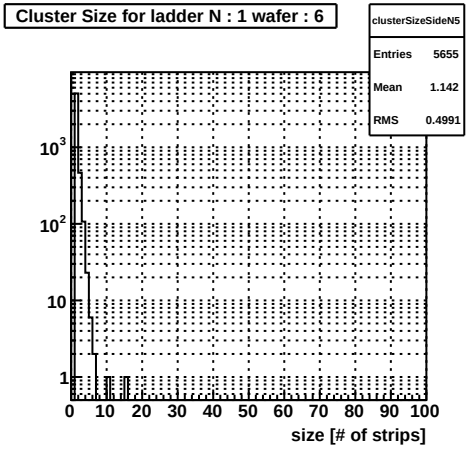

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 2992
Mean 1.214
RMS 0.5586
size [# of strips]

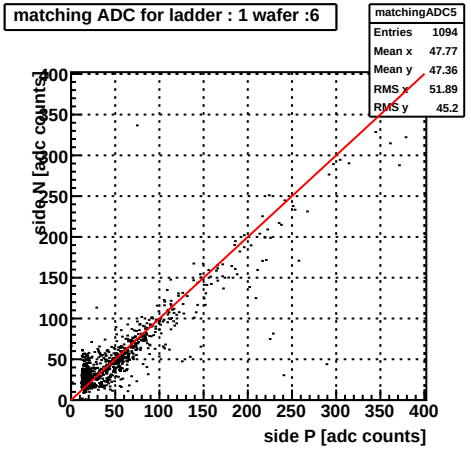

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 732
Mean x 75
Mean y 64.55
RMS x 64.63
RMS y 56.38
side N [adc counts]
side P [adc counts]

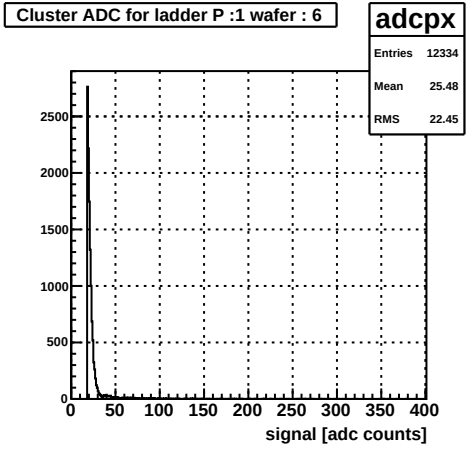

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 22380
Mean 24.13
RMS 20
signal [adc counts]

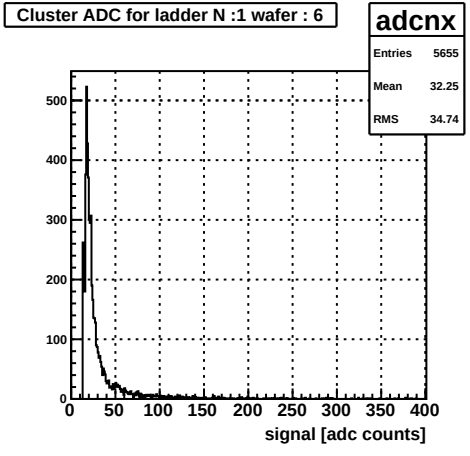

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 2992
Mean 36.41
RMS 40.71
signal [adc counts]

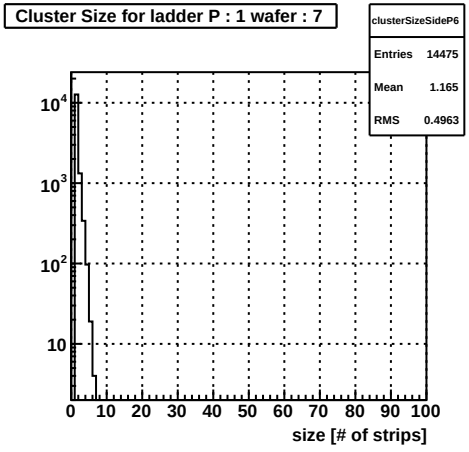

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 12334
Mean 1.048
RMS 0.2545
size [# of strips]

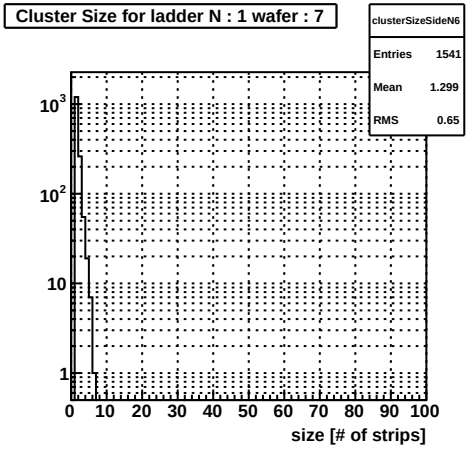

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 5655
Mean 1.142
RMS 0.4991
size [# of strips]

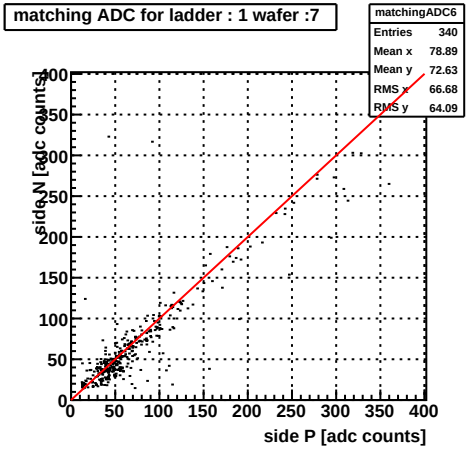

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 1094
Mean x 47.77
Mean y 47.36
RMS x 51.89
RMS y 45.2
side N [adc counts]
side P [adc counts]

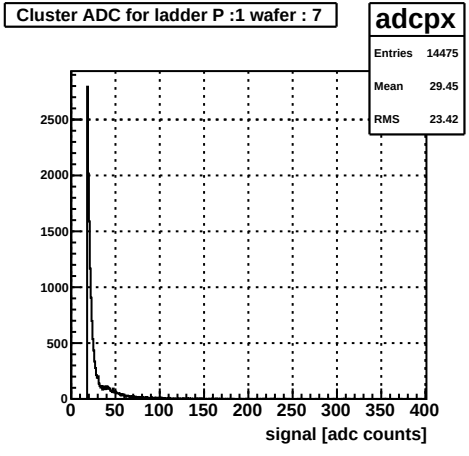

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 12334
Mean 25.48
RMS 22.45
signal [adc counts]

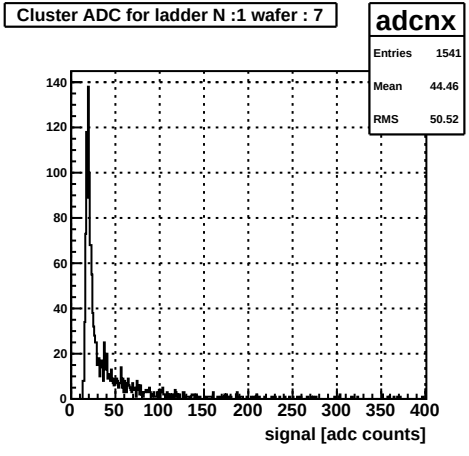

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 5655
Mean 32.25
RMS 34.74
signal [adc counts]

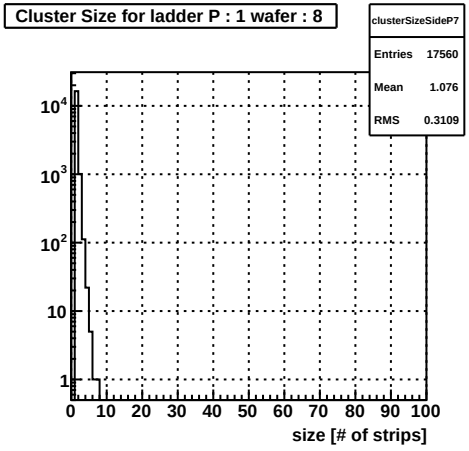

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 14475
Mean 1.165
RMS 0.4963
size [# of strips]

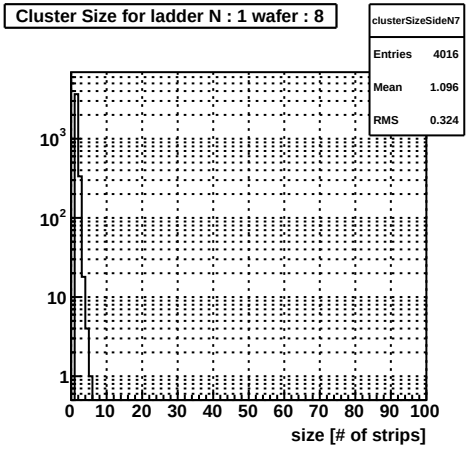

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 1541
Mean 1.299
RMS 0.65
size [# of strips]

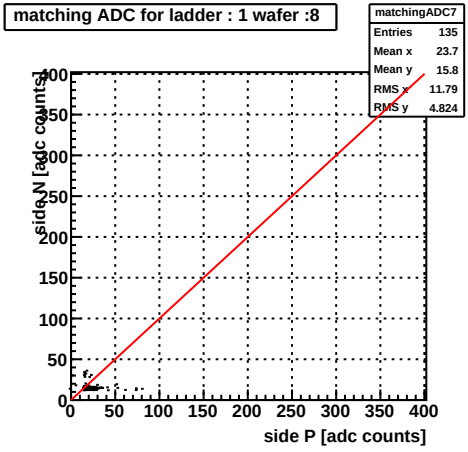

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 340
Mean x 78.89
Mean y 72.63
RMS x 66.68
RMS y 64.09
side N [adc counts]
side P [adc counts]

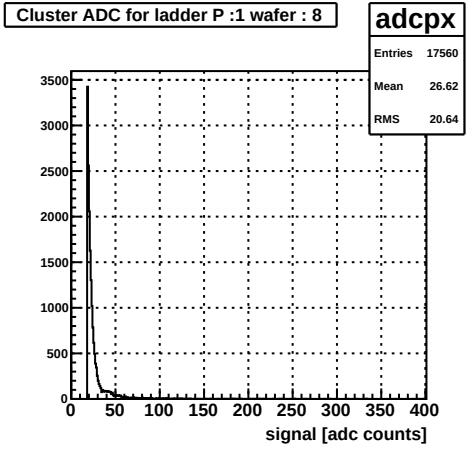

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 14475
Mean 29.45
RMS 23.42
signal [adc counts]

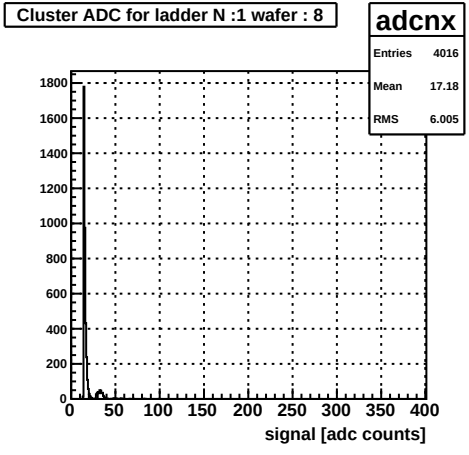

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 1541
Mean 44.46
RMS 50.52
signal [adc counts]

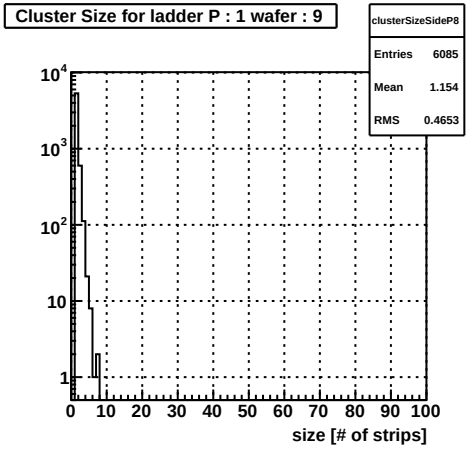

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 17560
Mean 1.076
RMS 0.3109
size [# of strips]

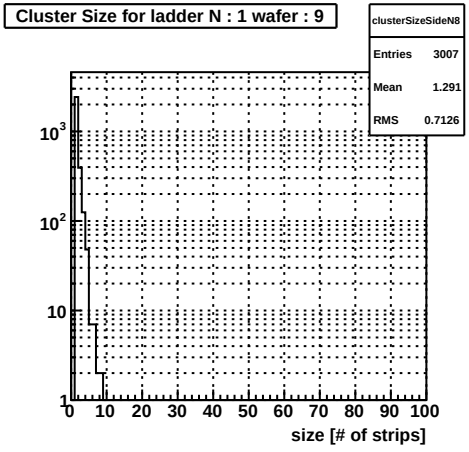

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 4016
Mean 1.096
RMS 0.324
size [# of strips]

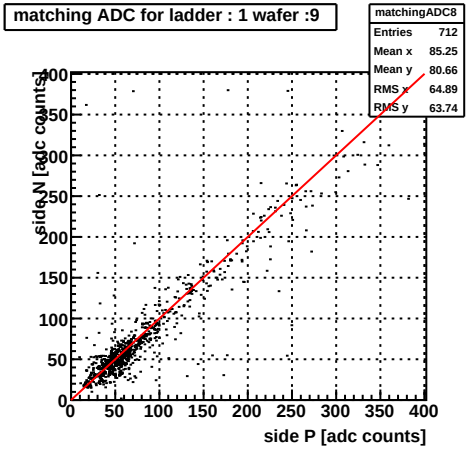

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 135
Mean x 23.7
Mean y 15.8
RMS x 11.79
RMS y 4.824
side N [adc counts]
side P [adc counts]

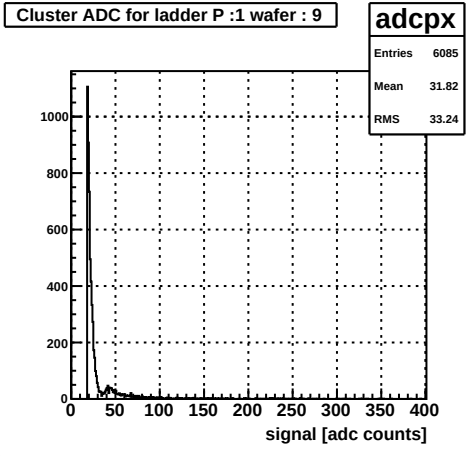

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 17560
Mean 26.62
RMS 20.64
signal [adc counts]

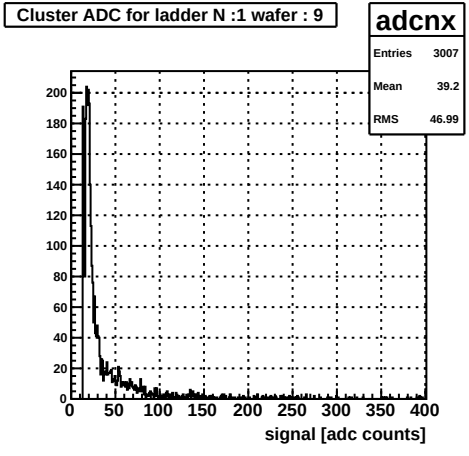

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 4016
Mean 17.18
RMS 6.005
signal [adc counts]

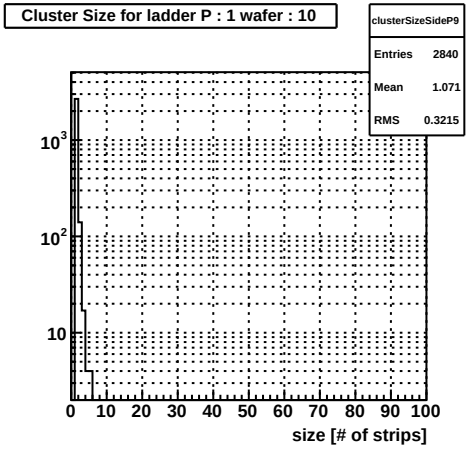

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 6085
Mean 1.154
RMS 0.4653
size [# of strips]

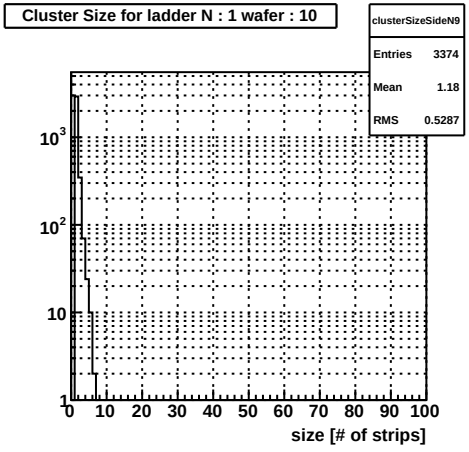

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 3007
Mean 1.291
RMS 0.7126
size [# of strips]

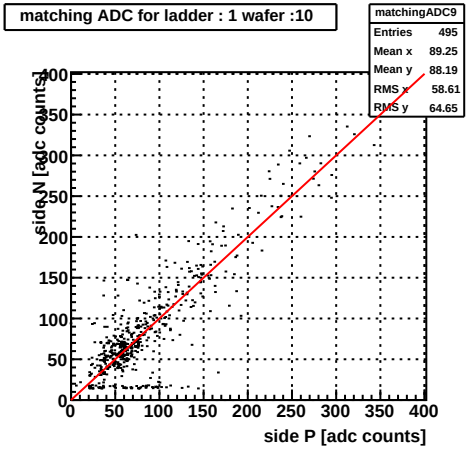

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 712
Mean x 85.25
Mean y 80.66
RMS x 64.89
RMS y 63.74
side N [adc counts]
side P [adc counts]

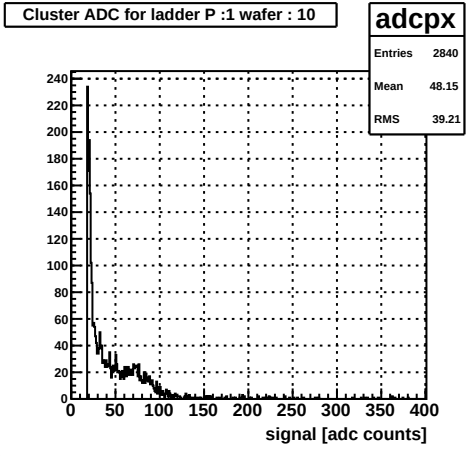

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 6085
Mean 31.82
RMS 33.24
signal [adc counts]

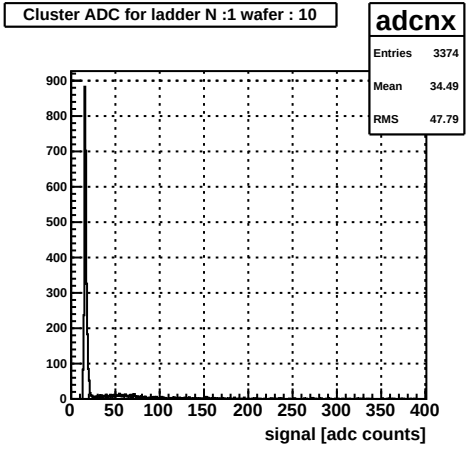

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 3007
Mean 39.2
RMS 46.99
signal [adc counts]

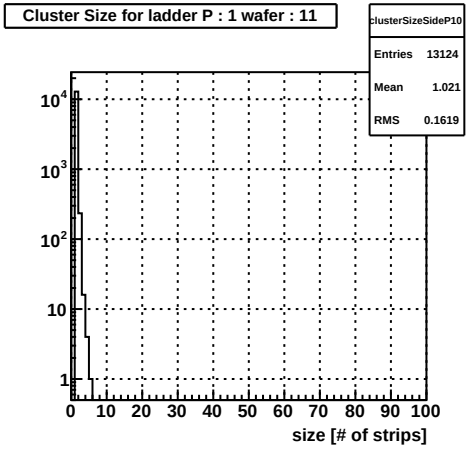

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 2840
Mean 1.071
RMS 0.3215
size [# of strips]

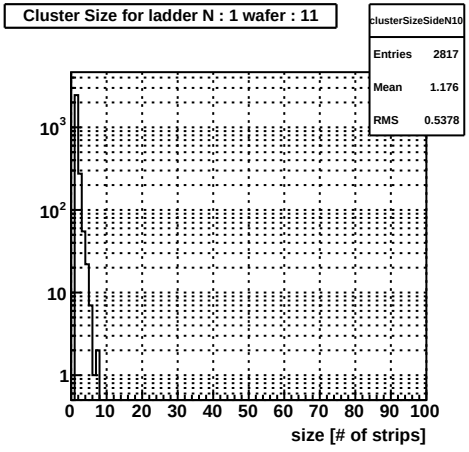

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 3374
Mean 1.18
RMS 0.5287
size [# of strips]

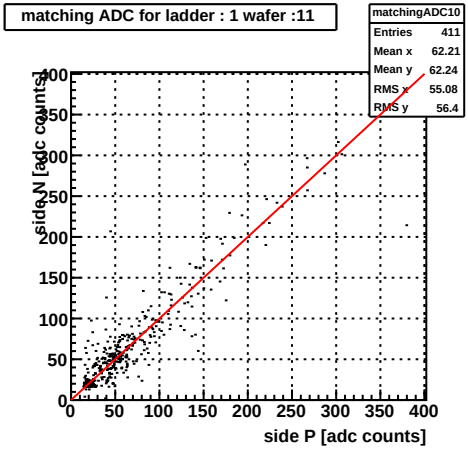

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 495
Mean x 89.25
Mean y 88.19
RMS x 58.61
RMS y 64.65
side N [adc counts]
side P [adc counts]

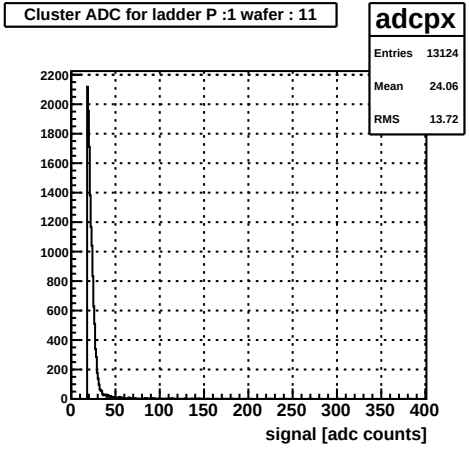

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 2840
Mean 48.15
RMS 39.21
signal [adc counts]

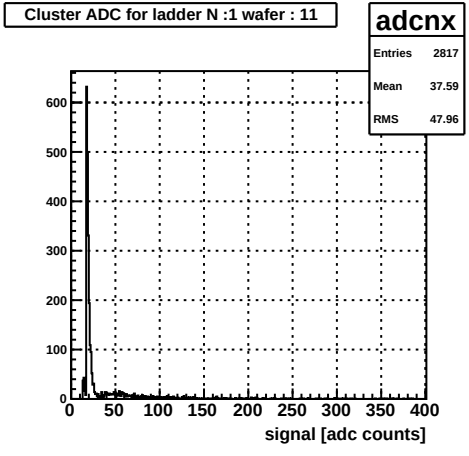

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 3374
Mean 34.49
RMS 47.79
signal [adc counts]

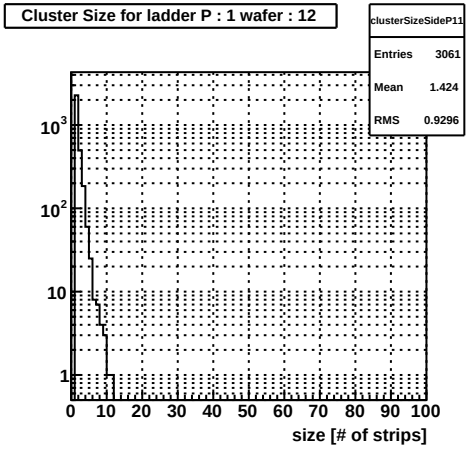

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 13124
Mean 1.021
RMS 0.1619
size [# of strips]

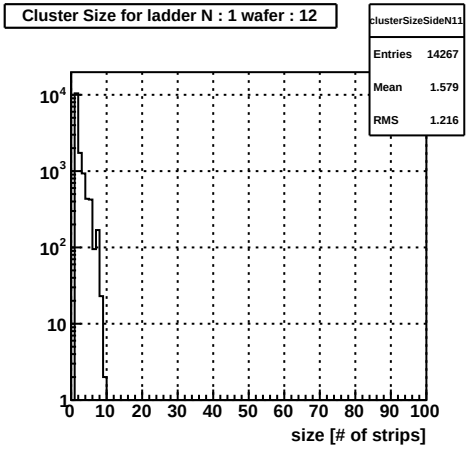

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 2817
Mean 1.176
RMS 0.5378
size [# of strips]

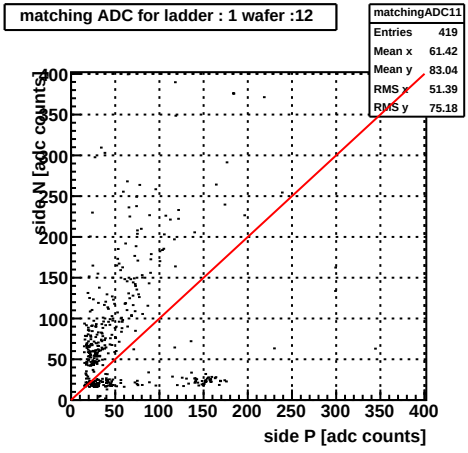

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 411
Mean x 62.21
Mean y 62.24
RMS x 55.08
RMS y 56.4
side N [adc counts]
side P [adc counts]

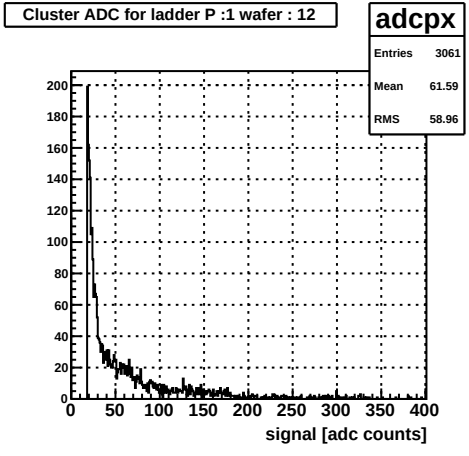

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 13124
Mean 24.06
RMS 13.72
signal [adc counts]

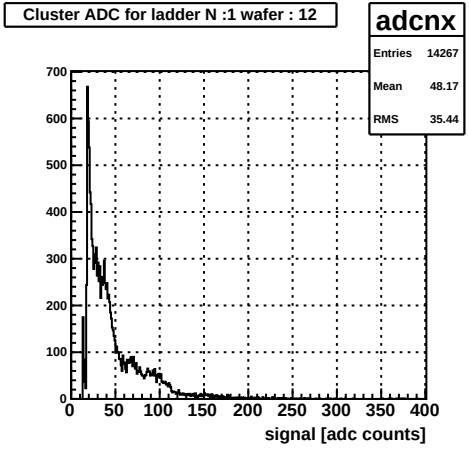

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 2817
Mean 37.59
RMS 47.96
signal [adc counts]

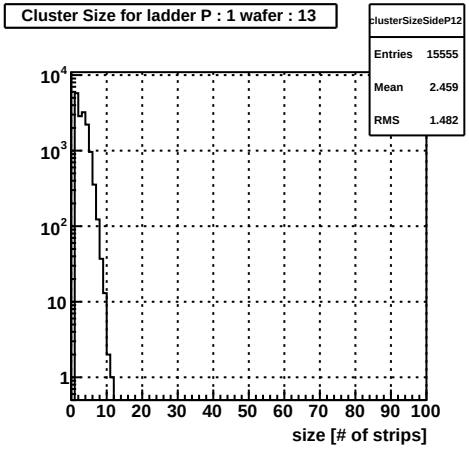

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 3061
Mean 1.424
RMS 0.9296
size [# of strips]

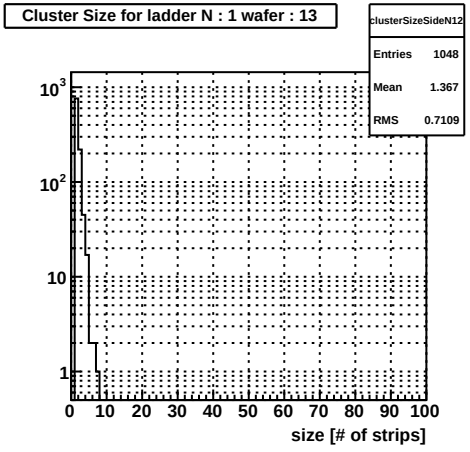

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 14267
Mean 1.579
RMS 1.216
size [# of strips]

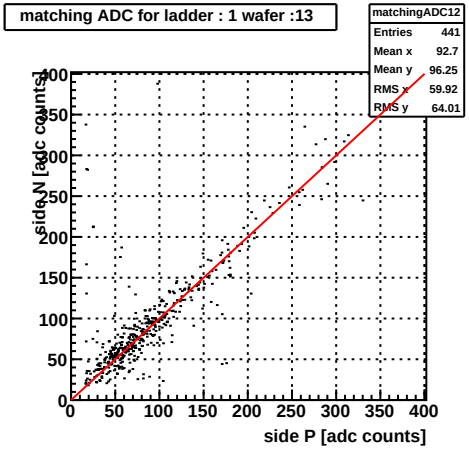

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 419
Mean x 61.42
Mean y 83.04
RMS x 51.39
RMS y 75.18
side N [adc counts]
side P [adc counts]

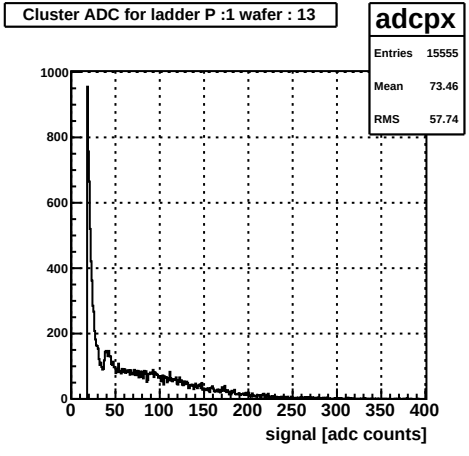

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 3061
Mean 61.59
RMS 58.96
signal [adc counts]

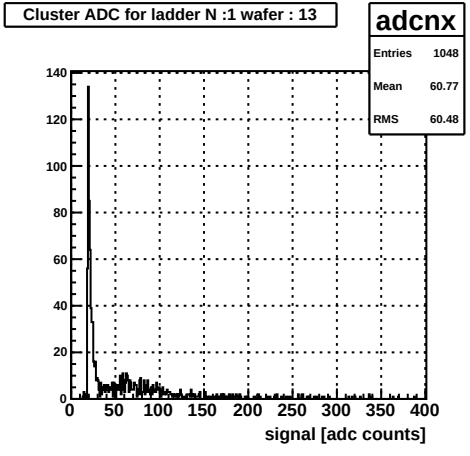

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 14267
Mean 48.17
RMS 35.44
signal [adc counts]

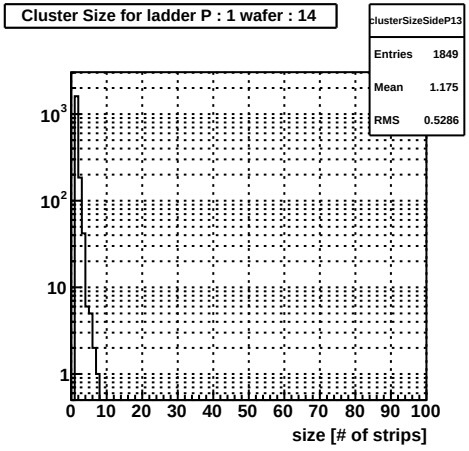

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 15555
Mean 2.459
RMS 1.482
size [# of strips]

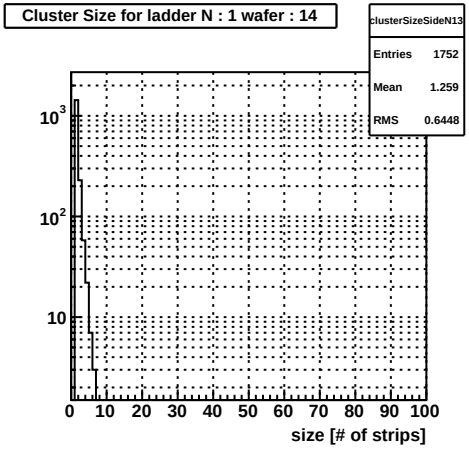

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1048
Mean 1.367
RMS 0.7109
size [# of strips]

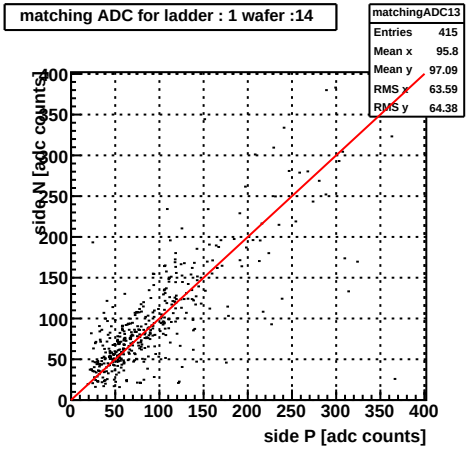

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 441
Mean x 92.7
Mean y 96.25
RMS x 59.92
RMS y 64.01
side N [adc counts]
side P [adc counts]

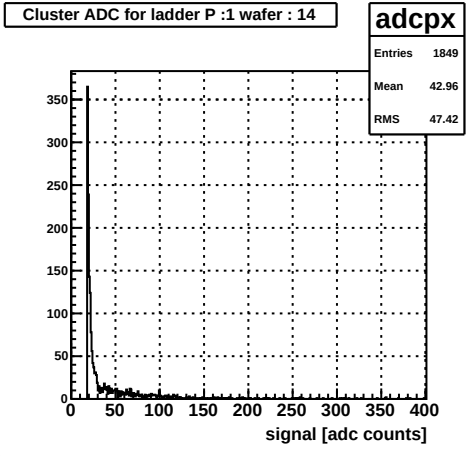

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 15555
Mean 73.46
RMS 57.74
signal [adc counts]

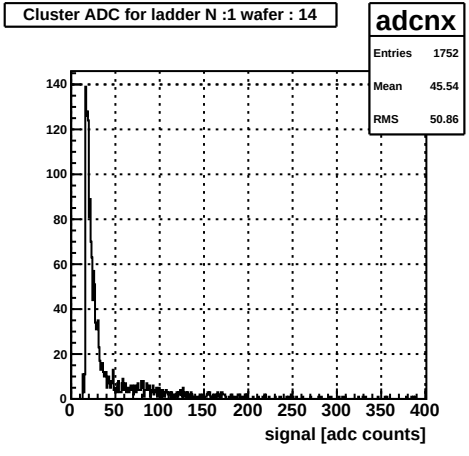

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1048
Mean 60.77
RMS 60.48
signal [adc counts]

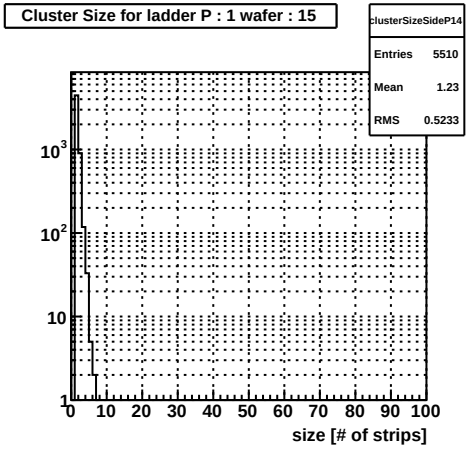

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 1849
Mean 1.175
RMS 0.5286
size [# of strips]

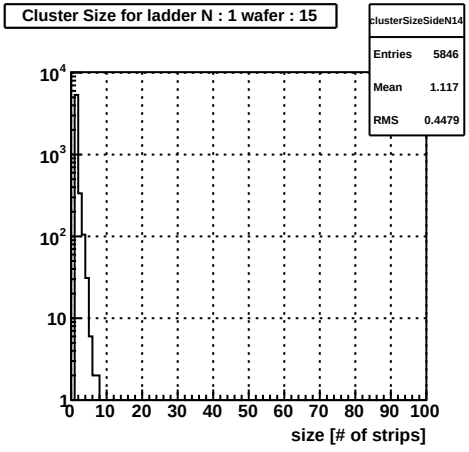

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 1752
Mean 1.259
RMS 0.6448
size [# of strips]

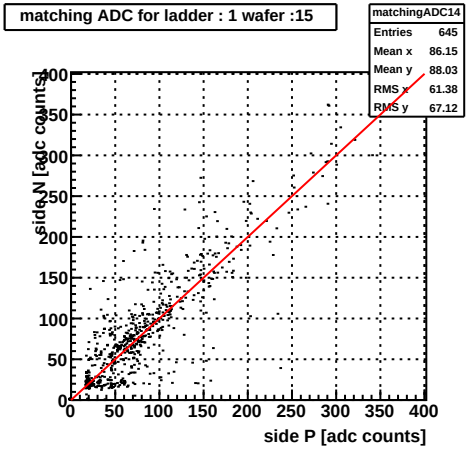

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 415
Mean x 95.8
Mean y 97.09
RMS x 63.59
RMS y 64.38
side N [adc counts]
side P [adc counts]

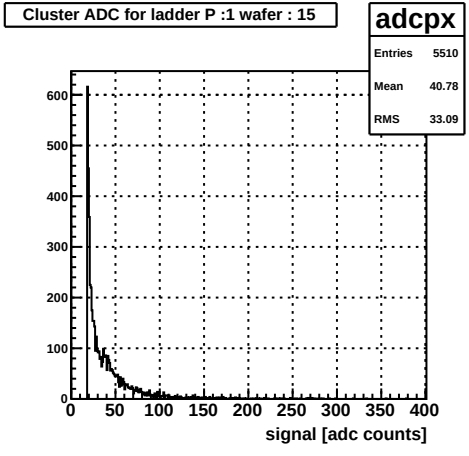

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 1849
Mean 42.96
RMS 47.42
signal [adc counts]

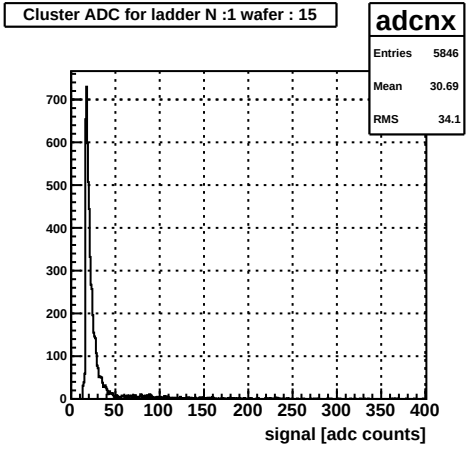

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 1752
Mean 45.54
RMS 50.86
signal [adc counts]

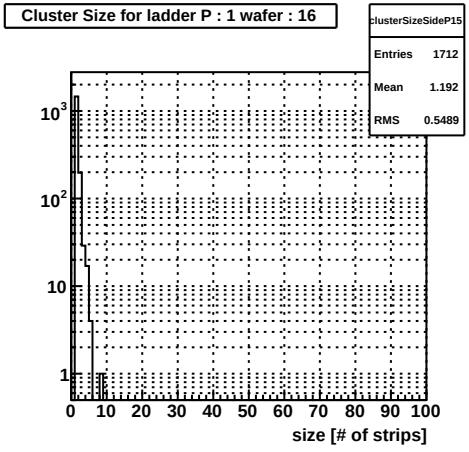

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 5510
Mean 1.23
RMS 0.5233
size [# of strips]

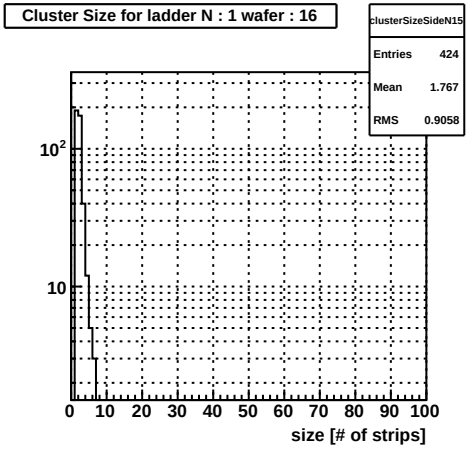

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 5846
Mean 1.117
RMS 0.4479
size [# of strips]

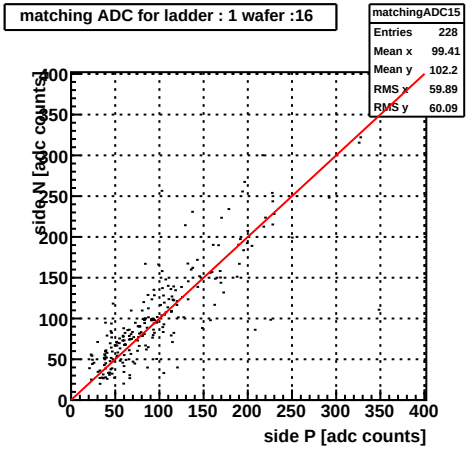

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 645
Mean x 86.15
Mean y 88.03
RMS x 61.38
RMS y 67.12
side N [adc counts]
side P [adc counts]

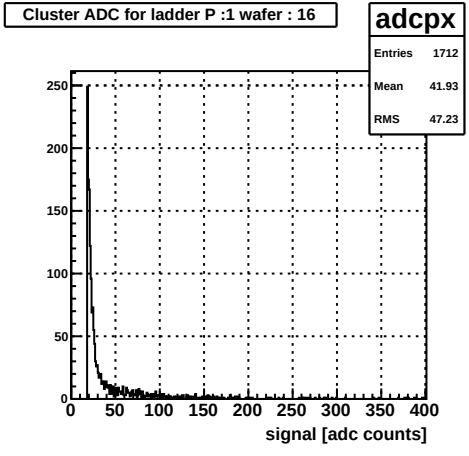

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 5510
Mean 40.78
RMS 33.09
signal [adc counts]

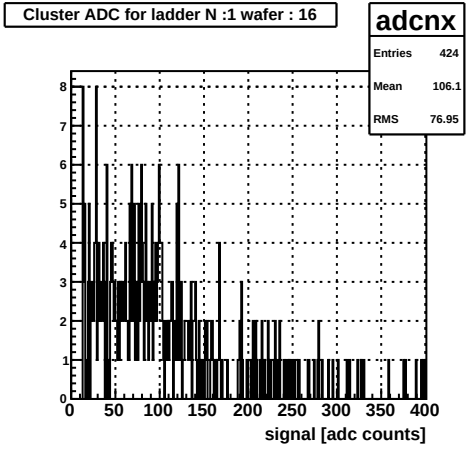

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 5846
Mean 30.69
RMS 34.1
signal [adc counts]

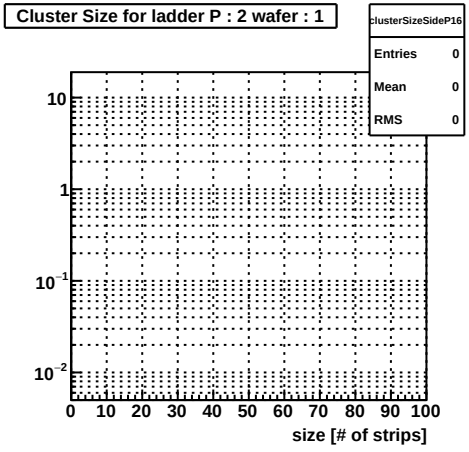

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 1712
Mean 1.192
RMS 0.5489
size [# of strips]

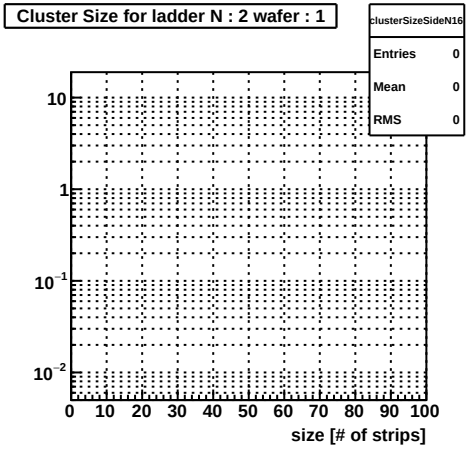

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 424
Mean 1.767
RMS 0.9058
size [# of strips]

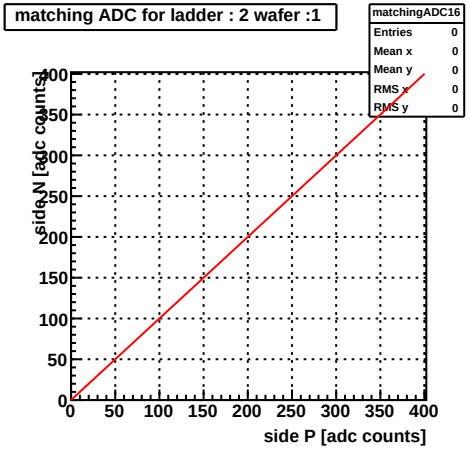

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 228
Mean x 99.41
Mean y 102.2
RMS x 59.89
RMS y 60.09
side N [adc counts]
side P [adc counts]

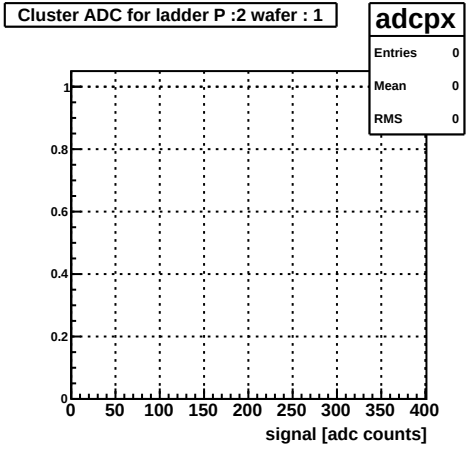

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 1712
Mean 41.93
RMS 47.23
signal [adc counts]

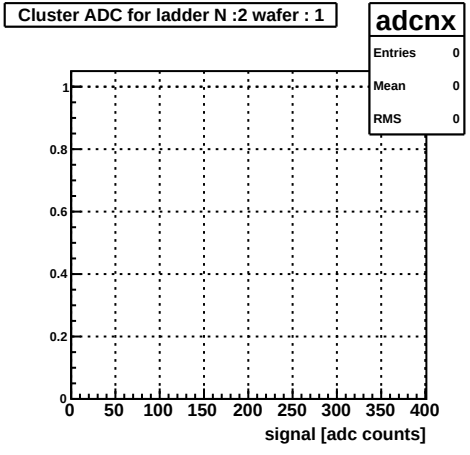

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 424
Mean 106.1
RMS 76.95
signal [adc counts]

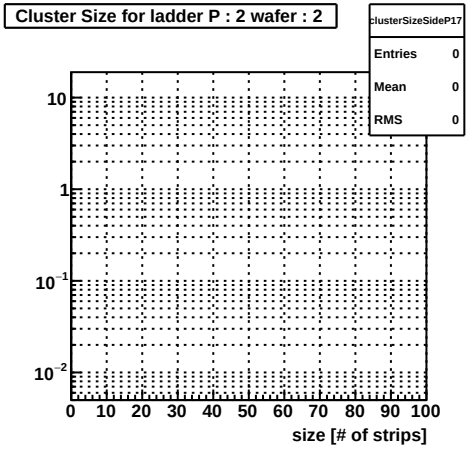

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

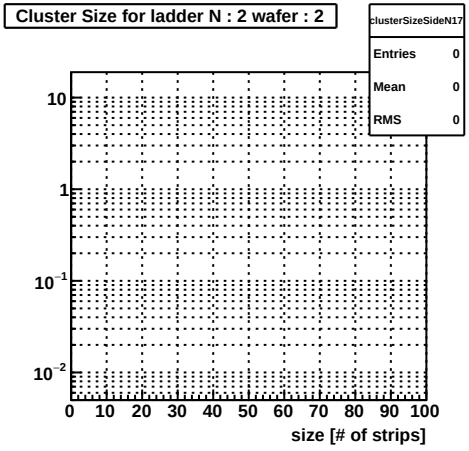

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

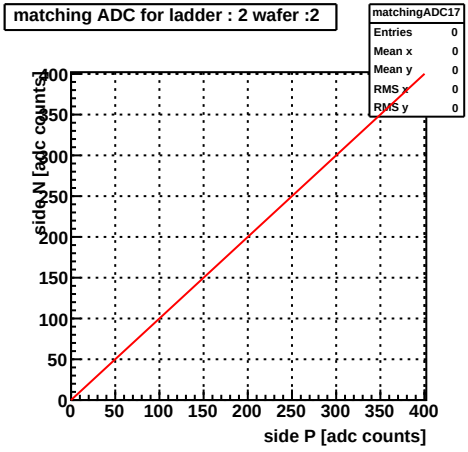

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

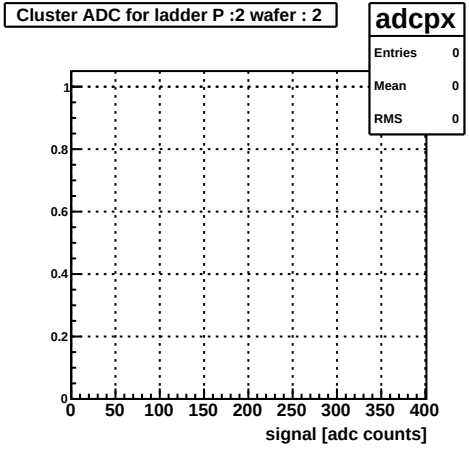

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

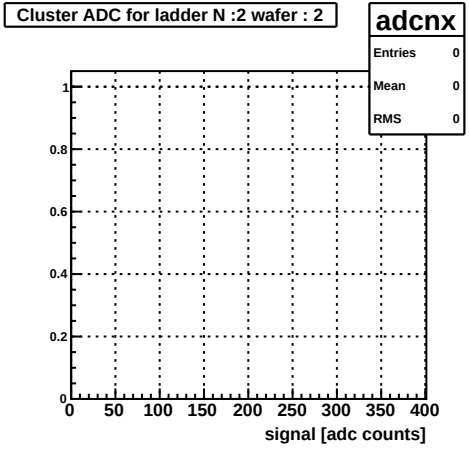

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

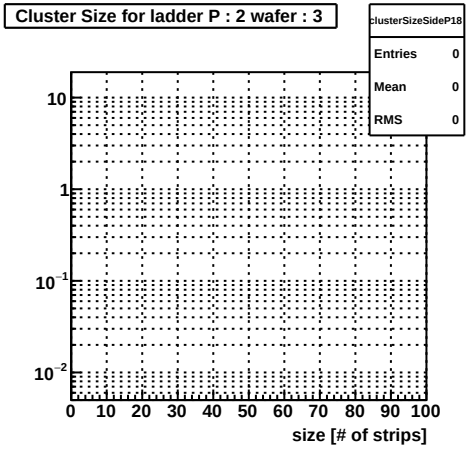

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

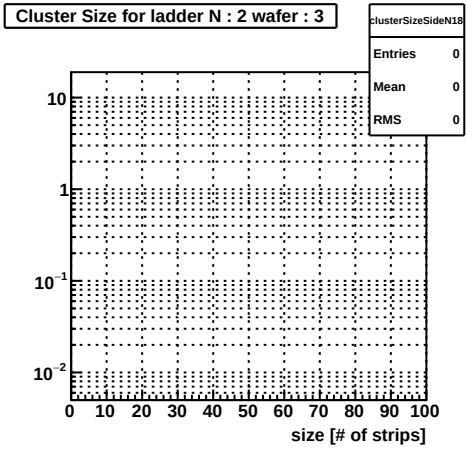

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

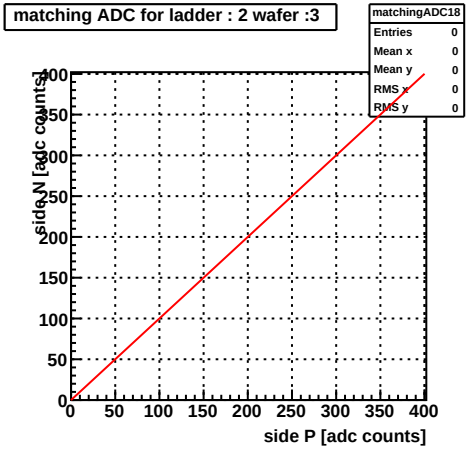

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

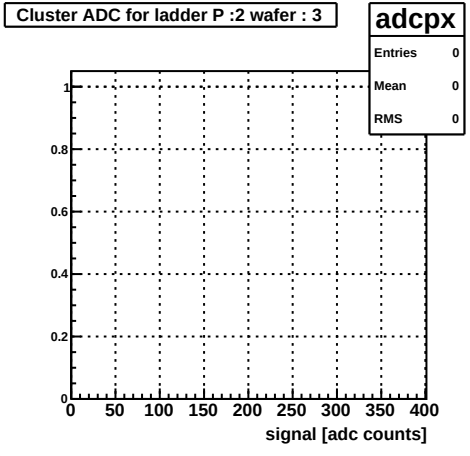

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

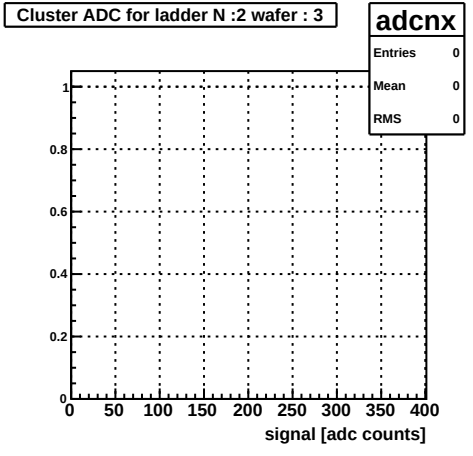

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

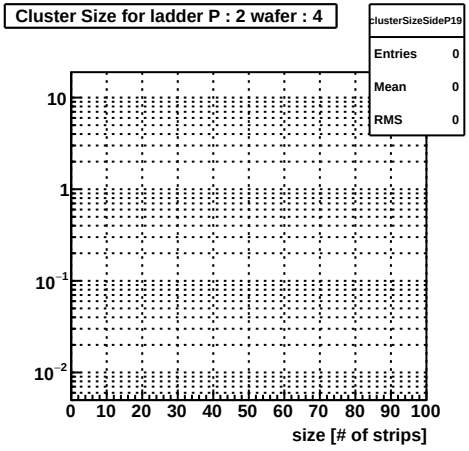

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

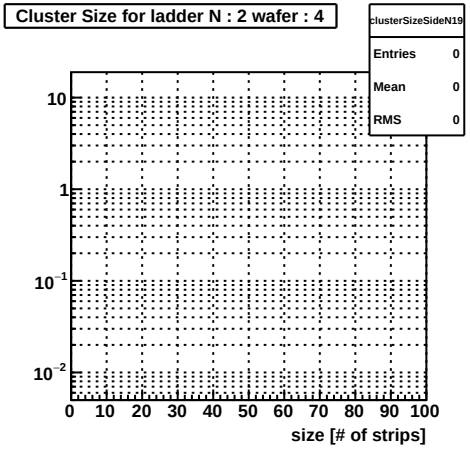

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

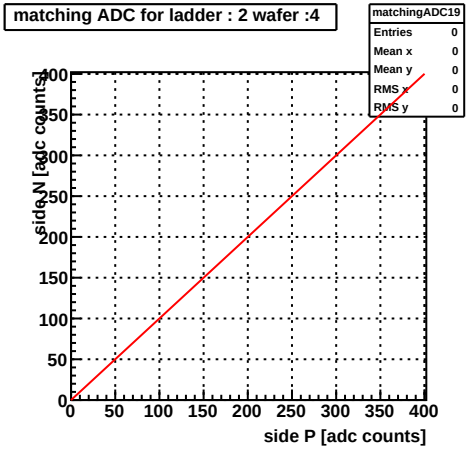

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

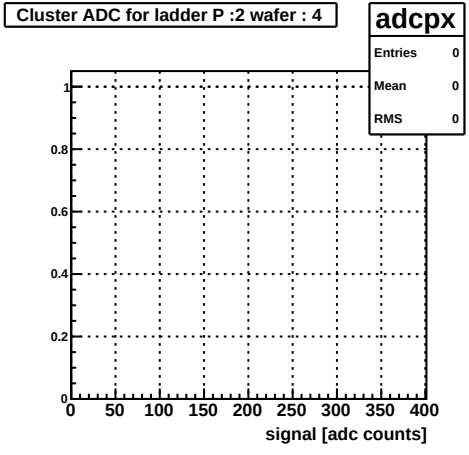

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

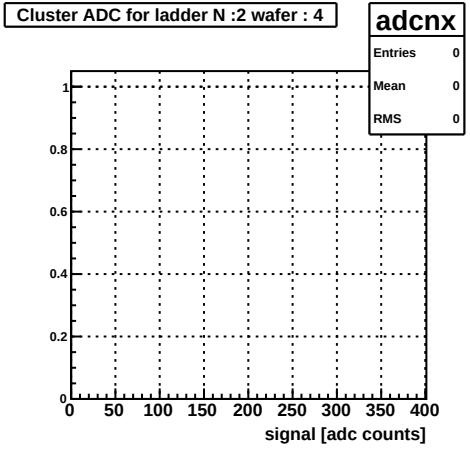

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

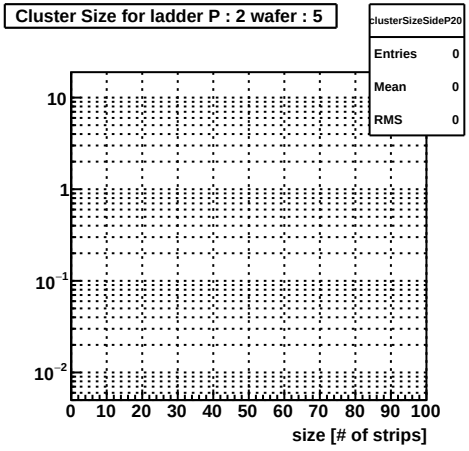

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

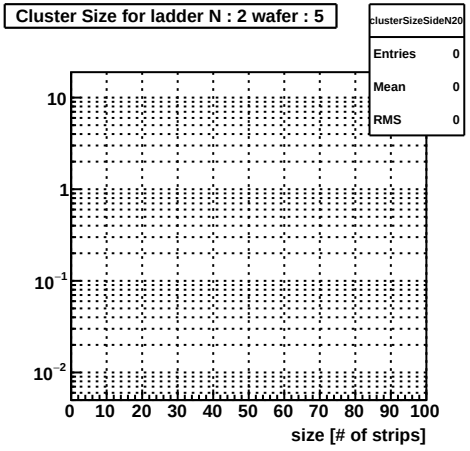

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

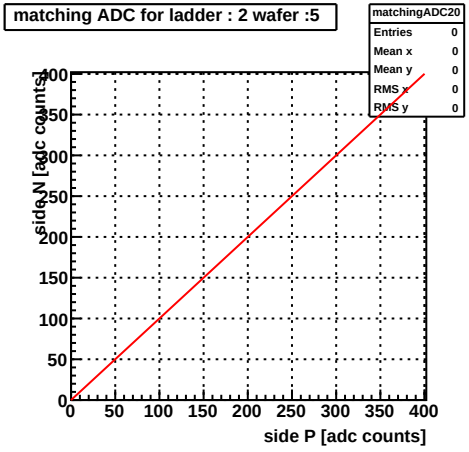

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

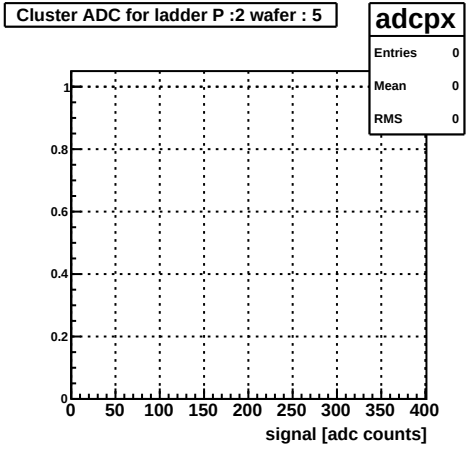

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

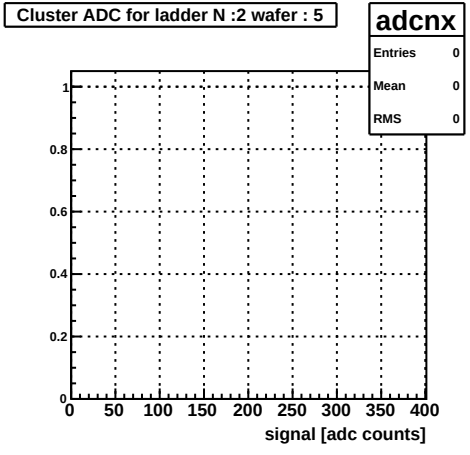

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

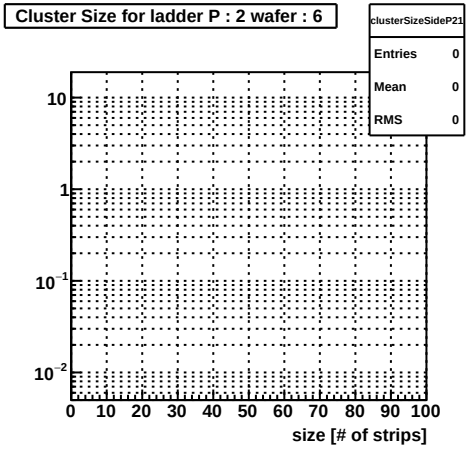

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

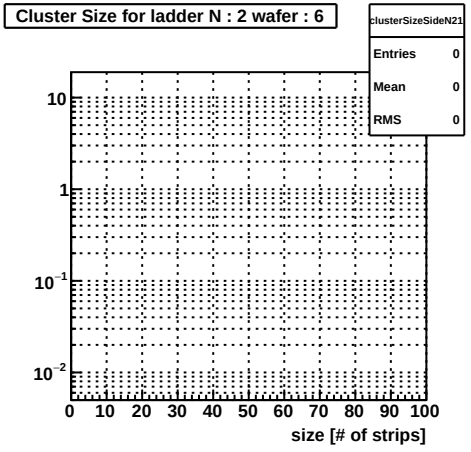

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

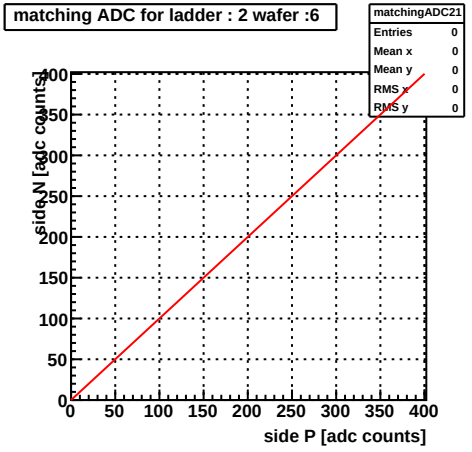

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

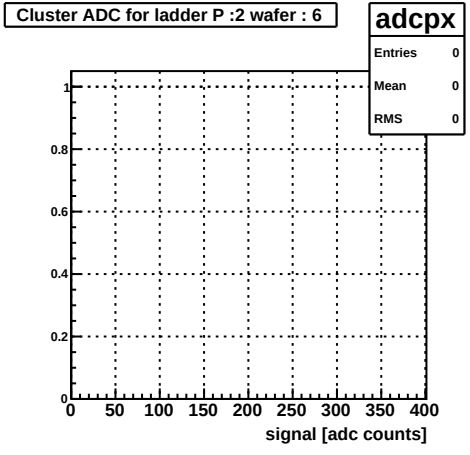

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

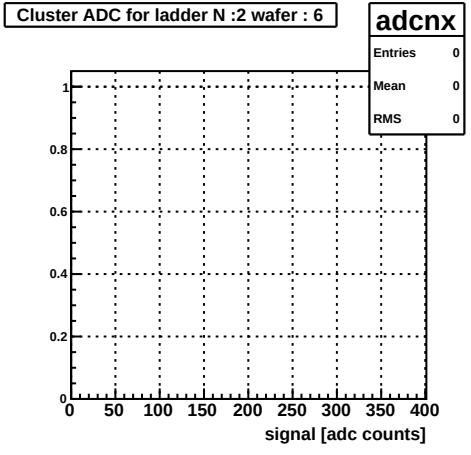

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

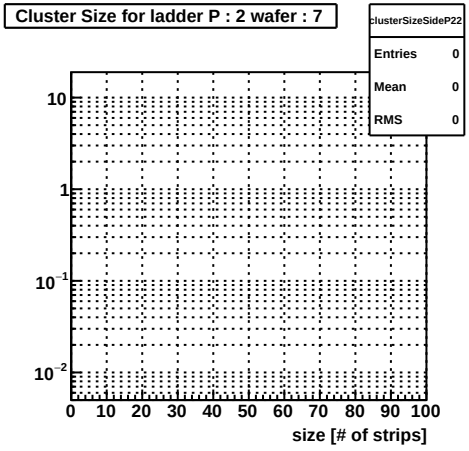

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

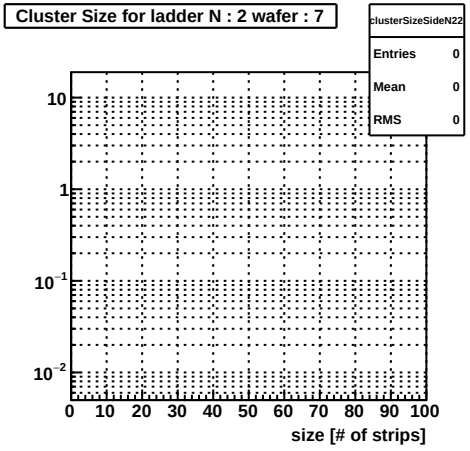

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

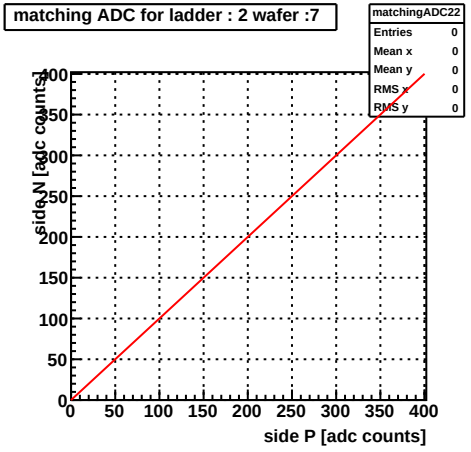

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

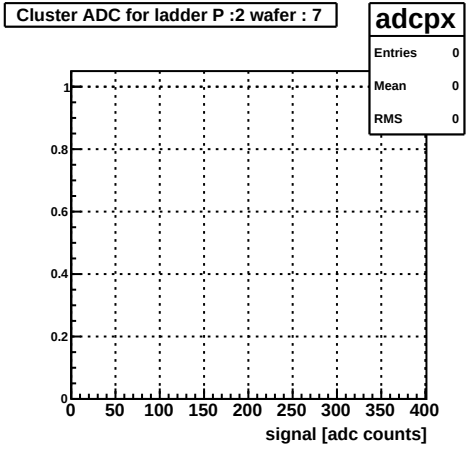

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

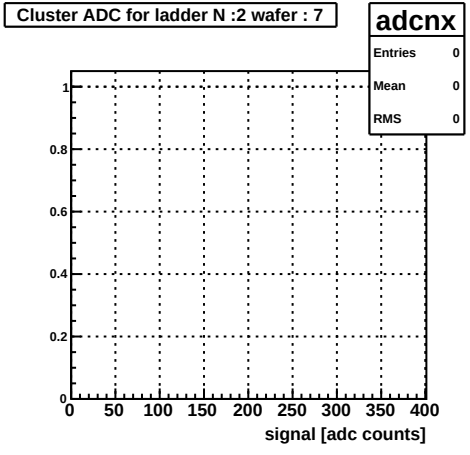

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

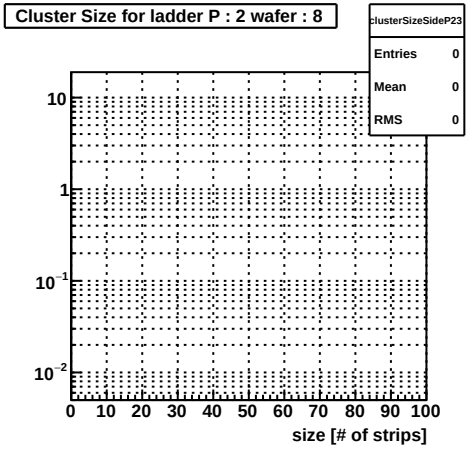

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

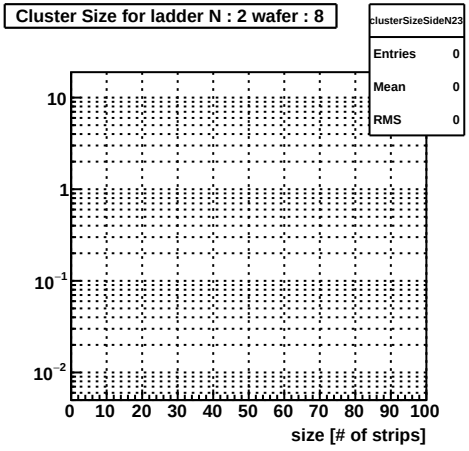

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

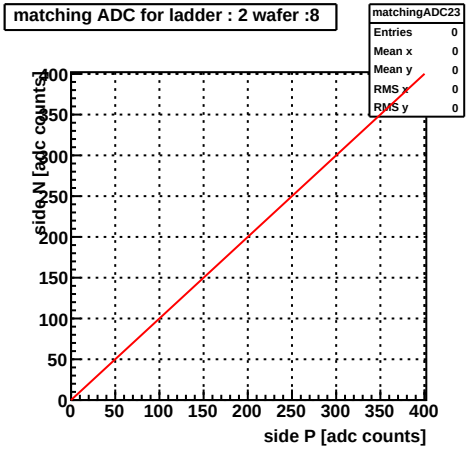

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

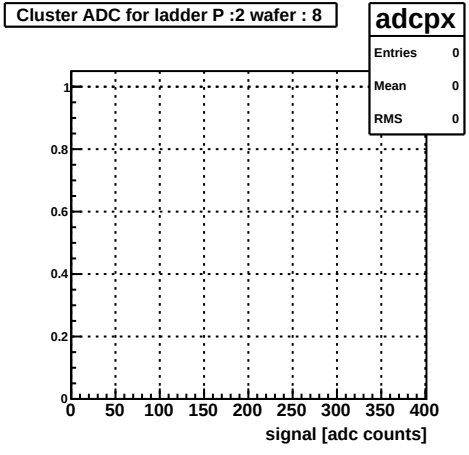

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

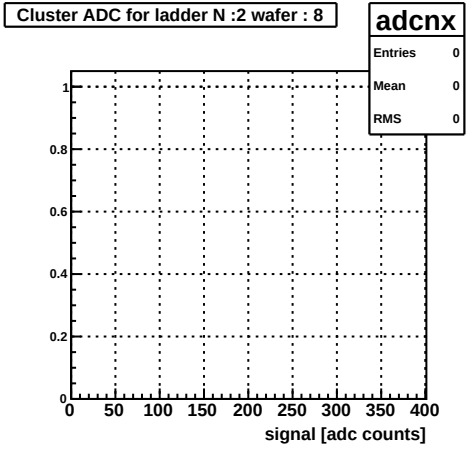

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

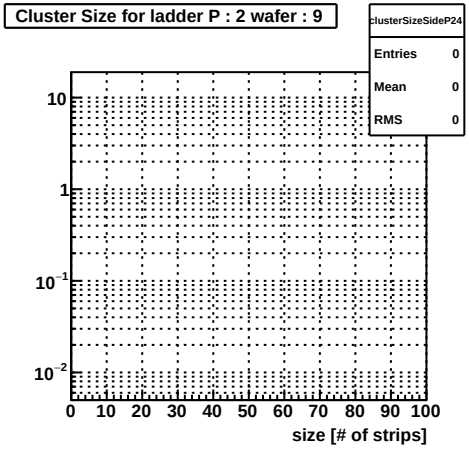

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

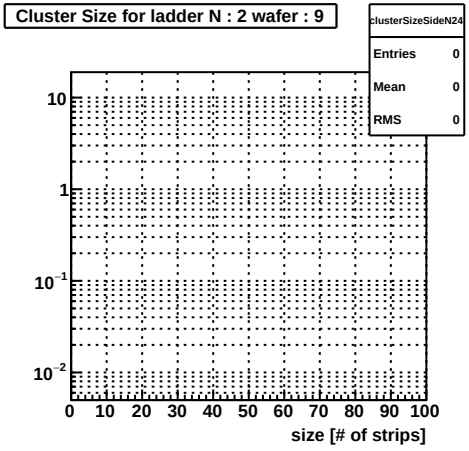

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

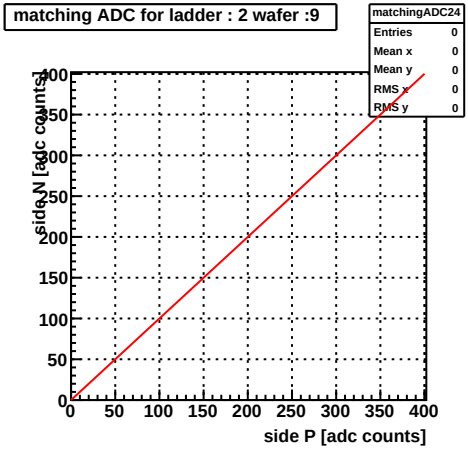

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

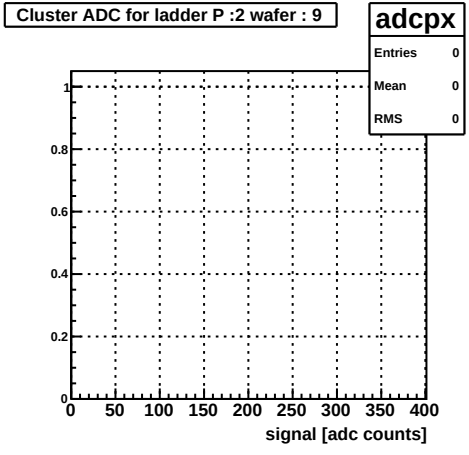

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

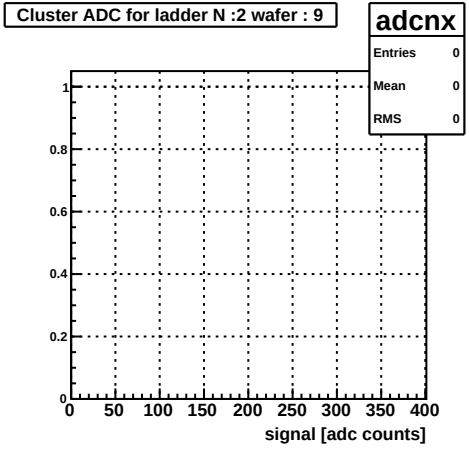

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

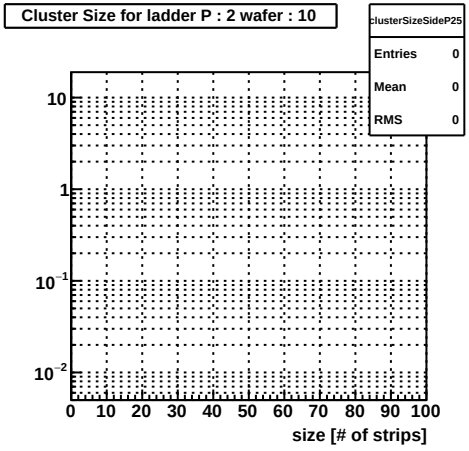

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

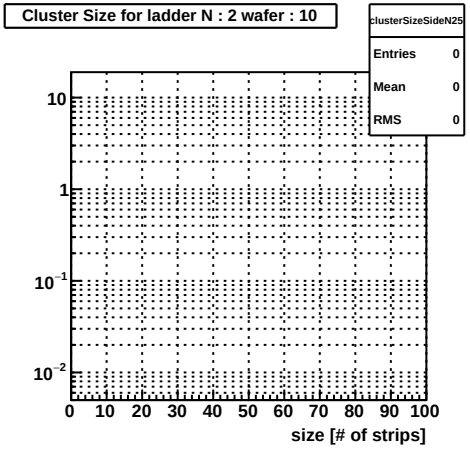

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

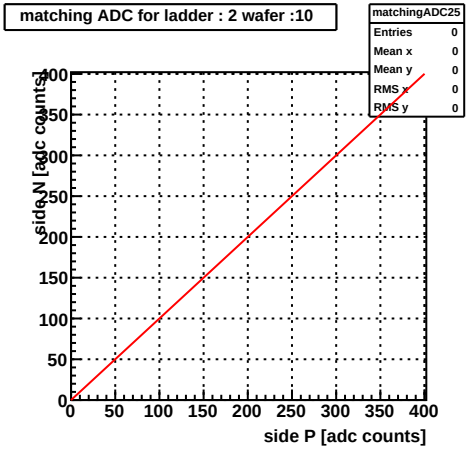

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

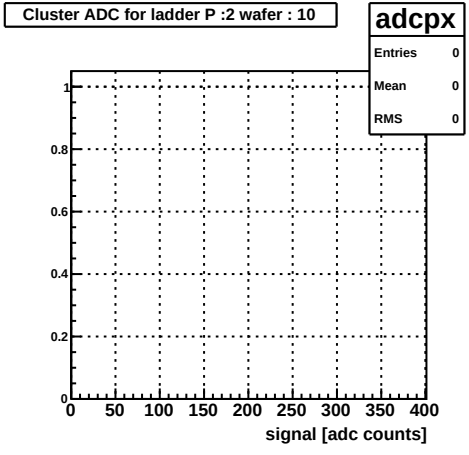

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

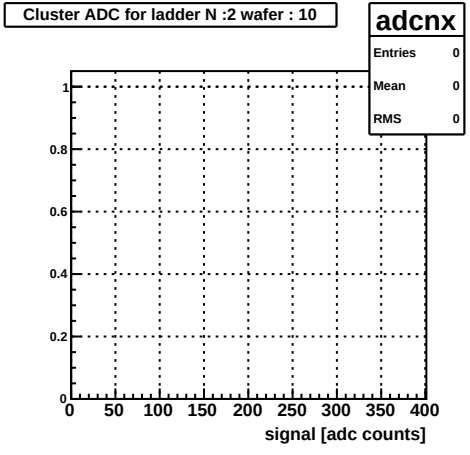

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

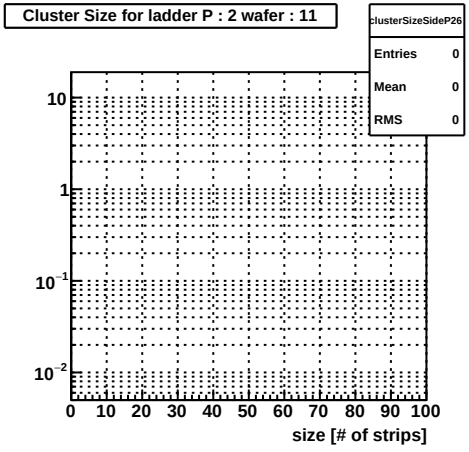

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

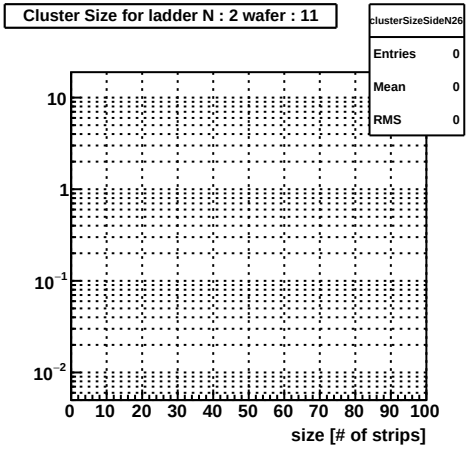

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

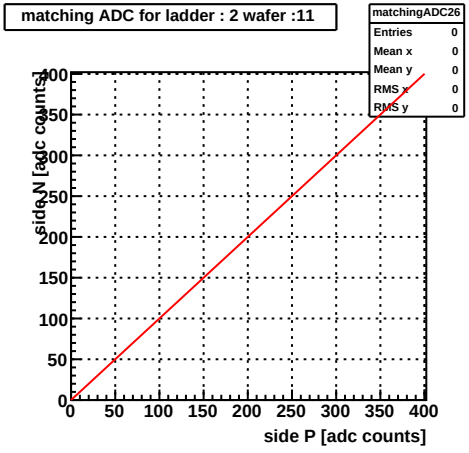

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

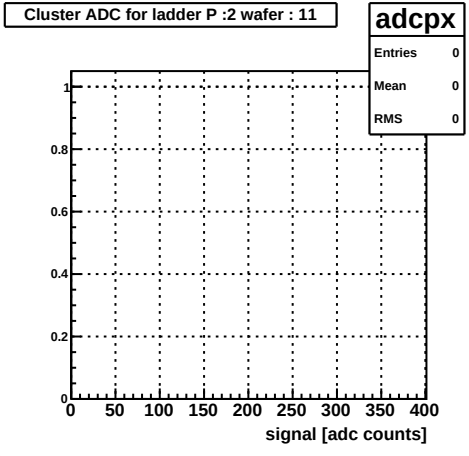

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

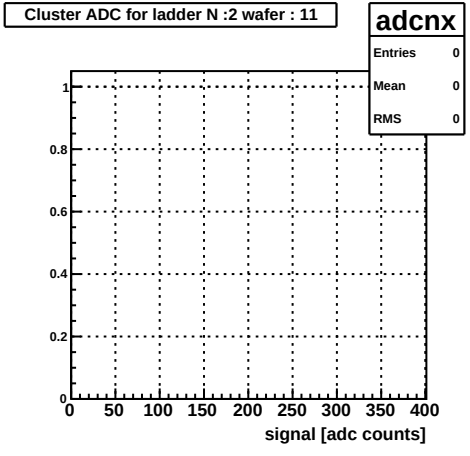

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

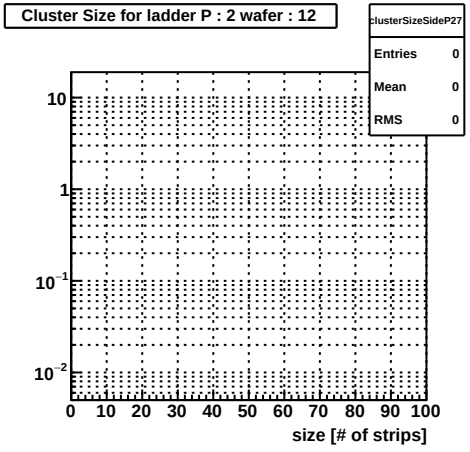

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

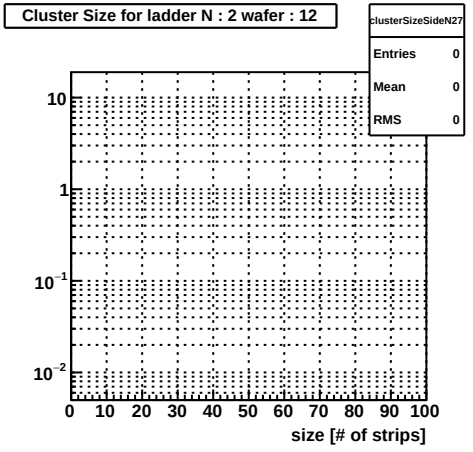

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

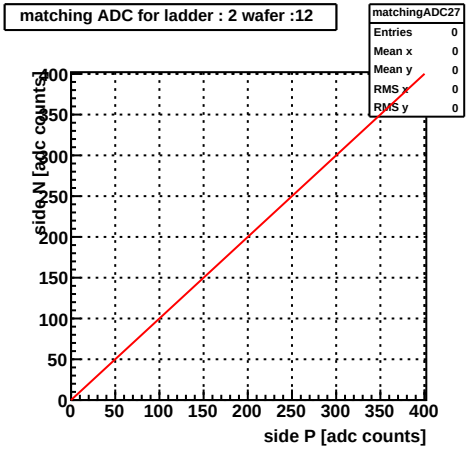

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

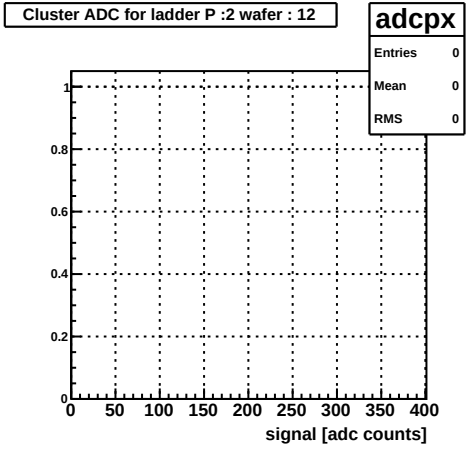

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

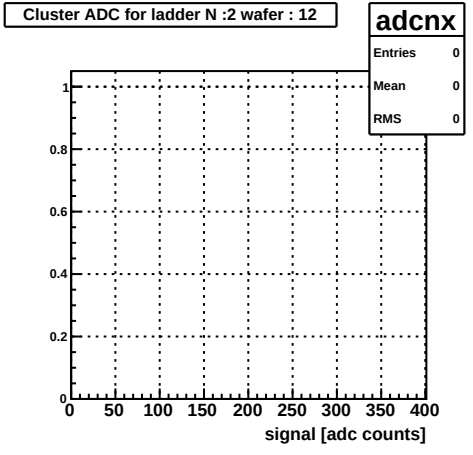

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

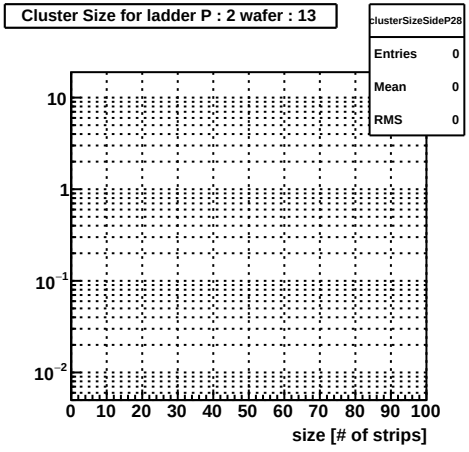

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

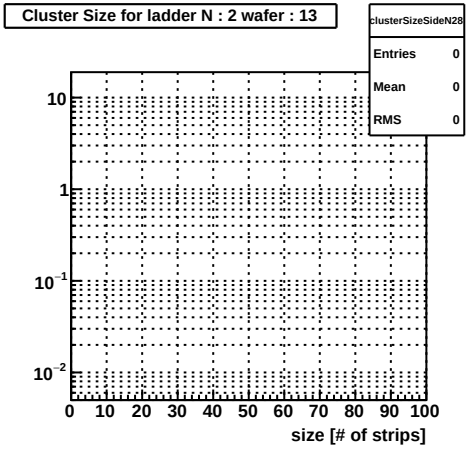

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

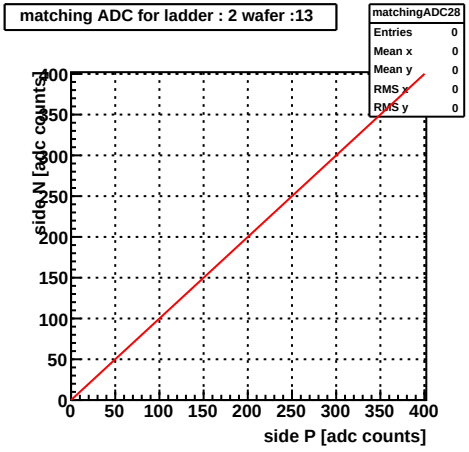

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

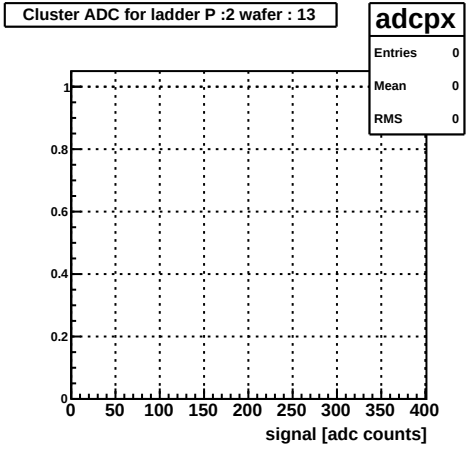

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

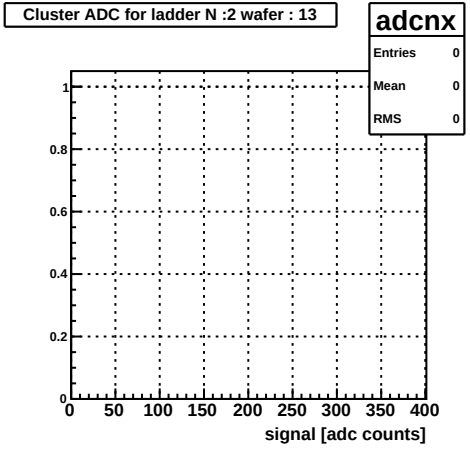

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

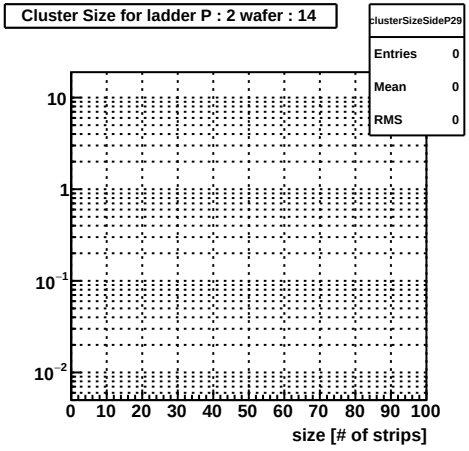

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

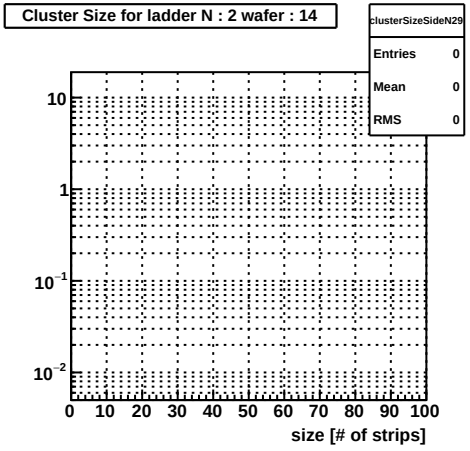

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

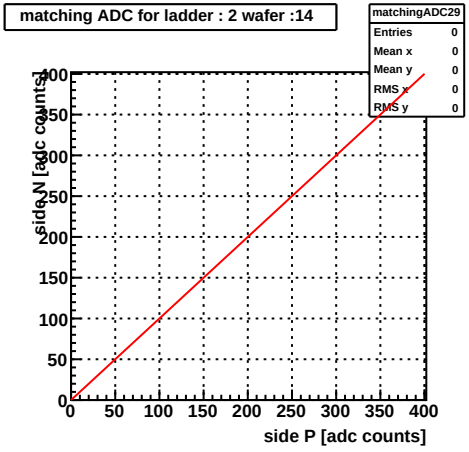

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

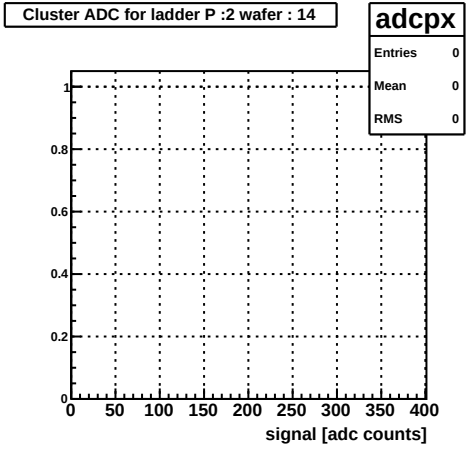

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

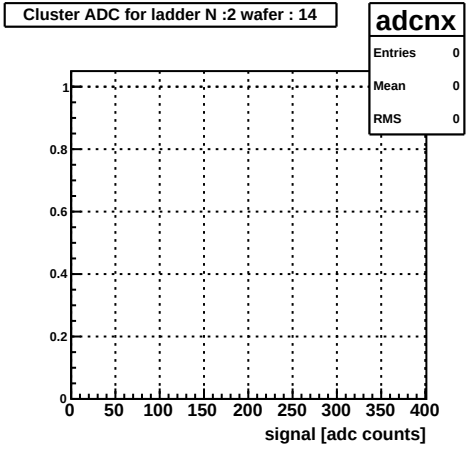

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

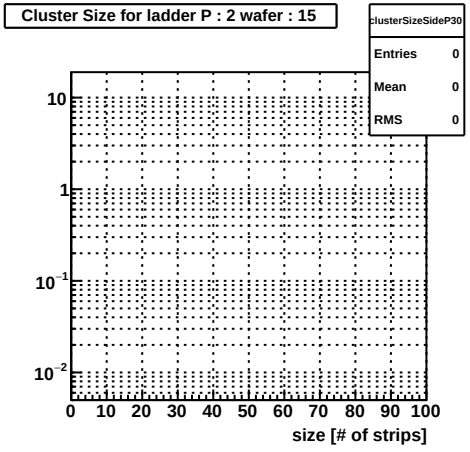

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

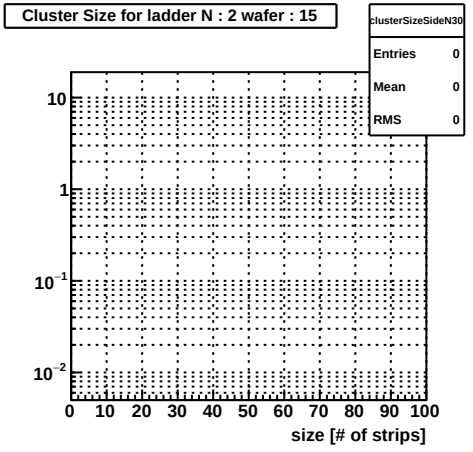

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

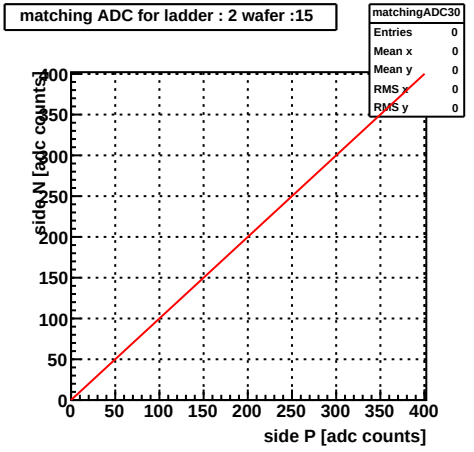

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

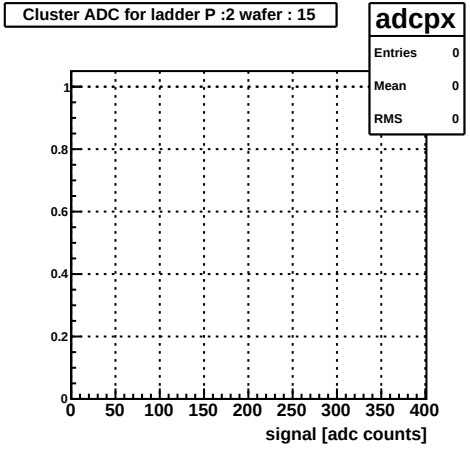

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

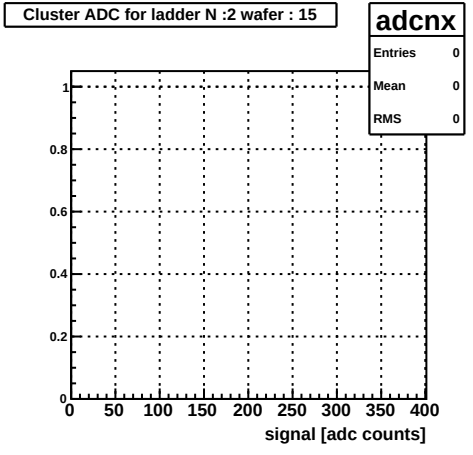

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

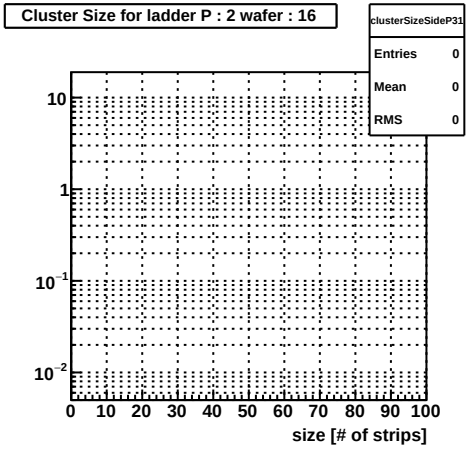

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

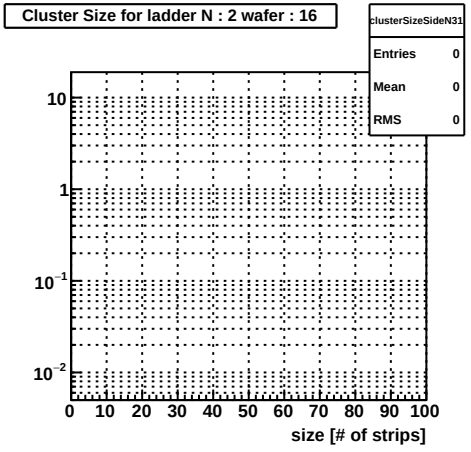

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

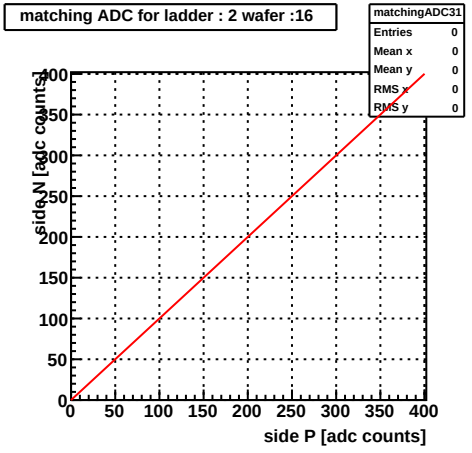

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

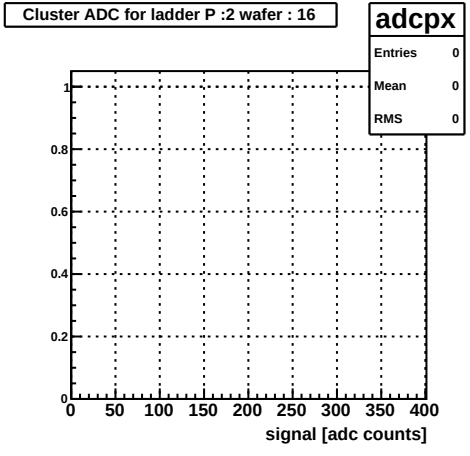

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

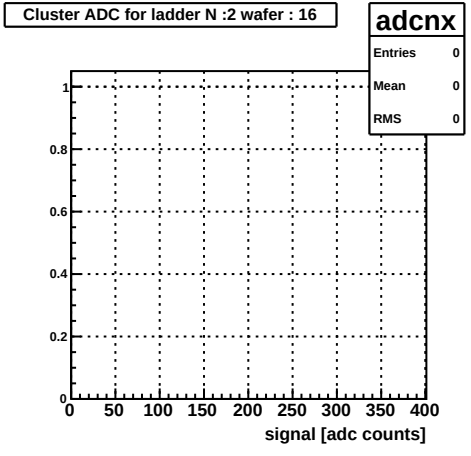

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

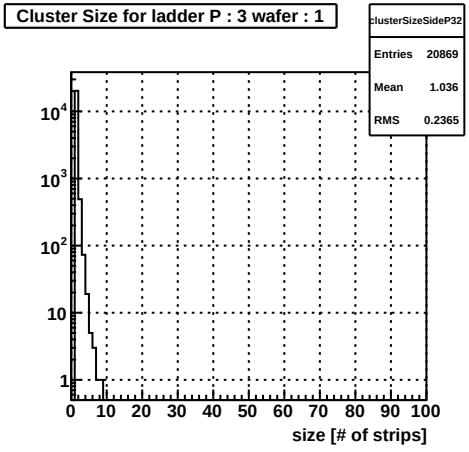

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

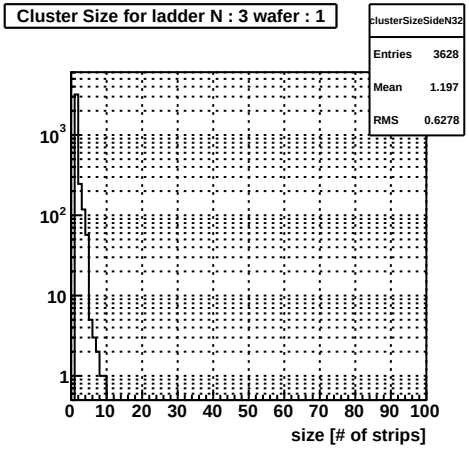

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

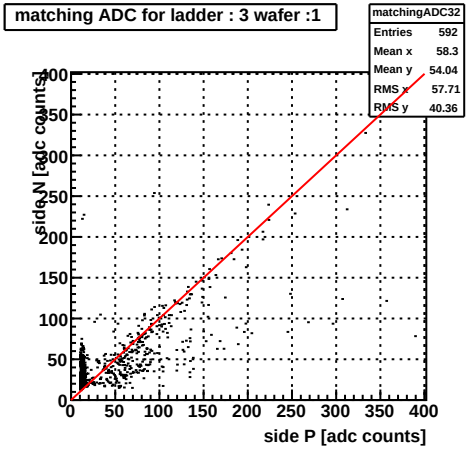

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

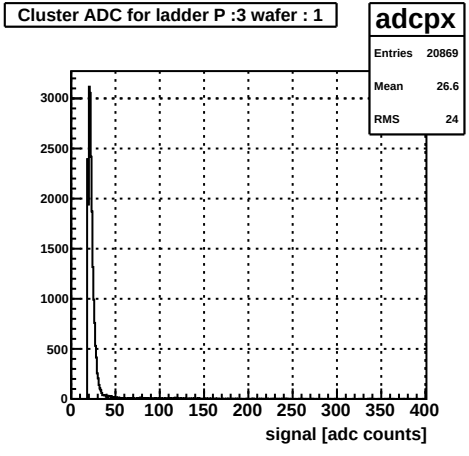

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

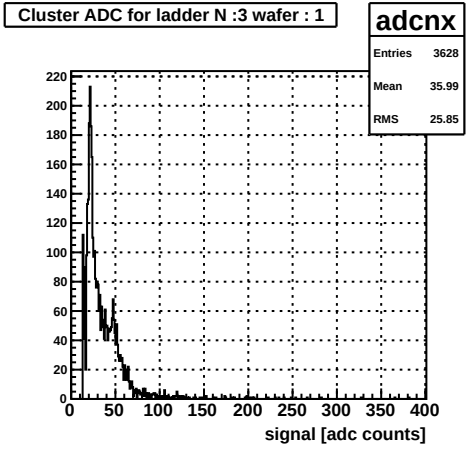

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

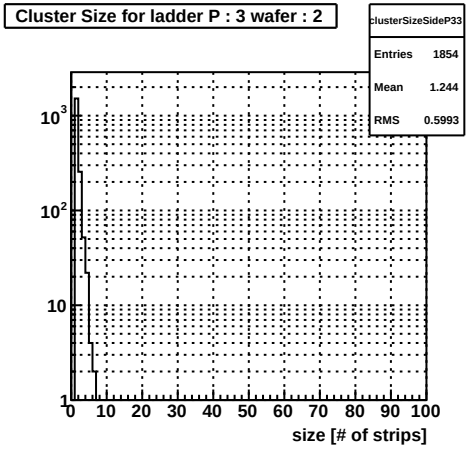

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 20869
Mean 1.036
RMS 0.2365
size [# of strips]

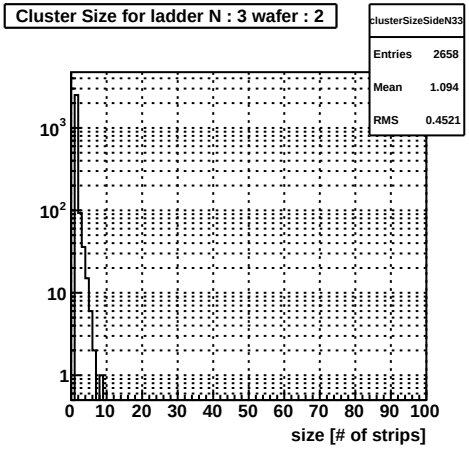

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 3628
Mean 1.197
RMS 0.6278
size [# of strips]

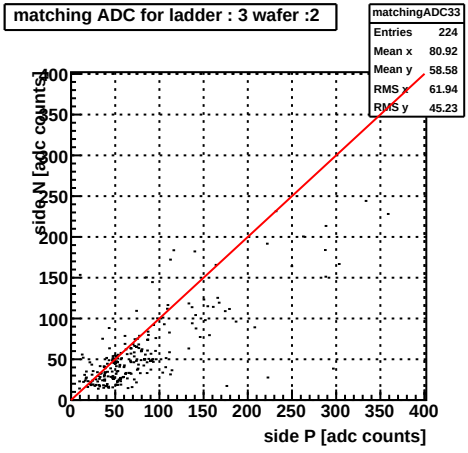

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 592
Mean x 58.3
Mean y 54.04
RMS x 57.71
RMS y 40.36
side N [adc counts]
side P [adc counts]

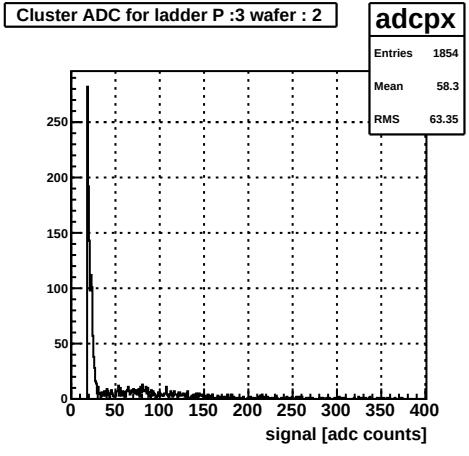

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 20869
Mean 26.6
RMS 24
signal [adc counts]

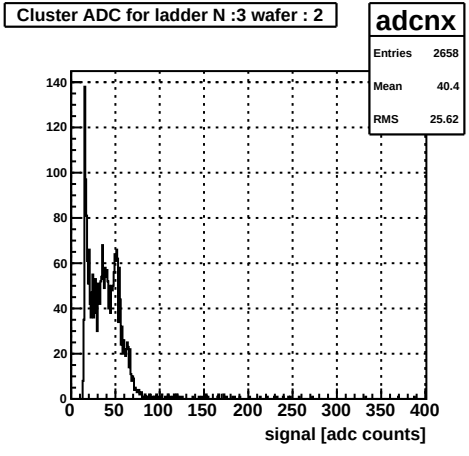

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 3628
Mean 35.99
RMS 25.85
signal [adc counts]

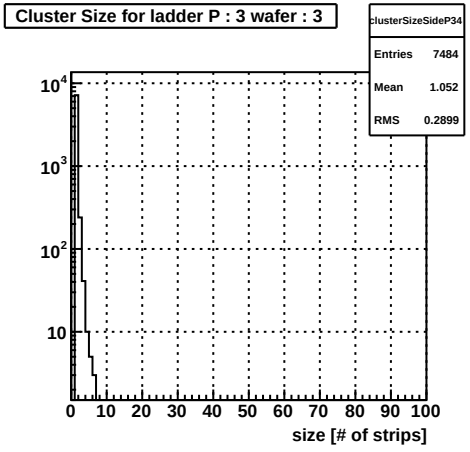

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 1854
Mean 1.244
RMS 0.5993
size [# of strips]

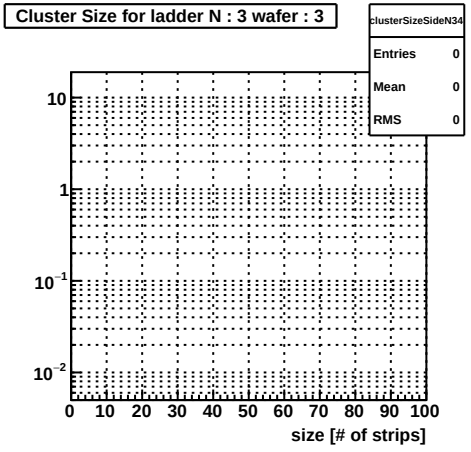

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 2658
Mean 1.094
RMS 0.4521
size [# of strips]

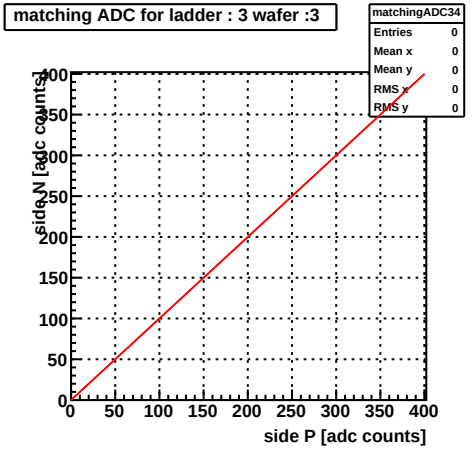

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 224
Mean x 80.92
Mean y 58.58
RMS x 61.94
RMS y 45.23
side N [adc counts]
side P [adc counts]

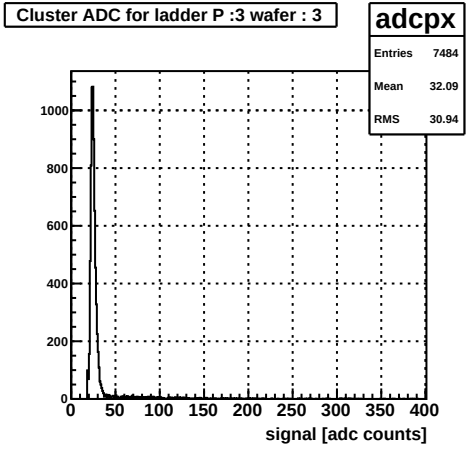

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 1854
Mean 58.3
RMS 63.35
signal [adc counts]

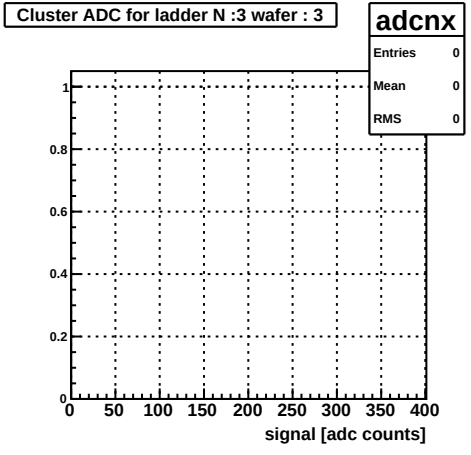

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 2658
Mean 40.4
RMS 25.62
signal [adc counts]

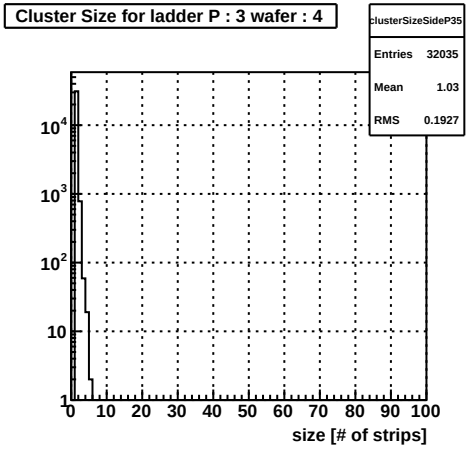

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 7484
Mean 1.052
RMS 0.2899
size [# of strips]

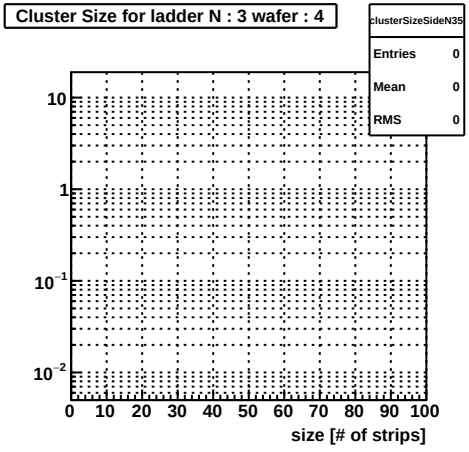

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

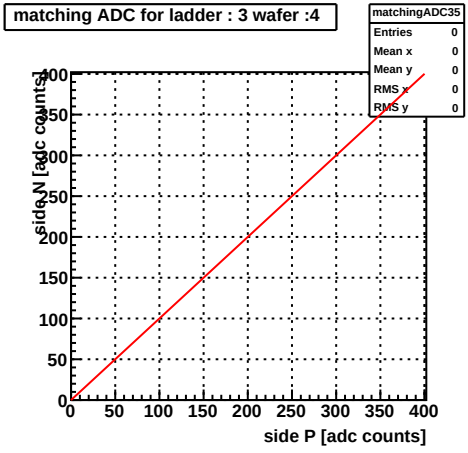

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

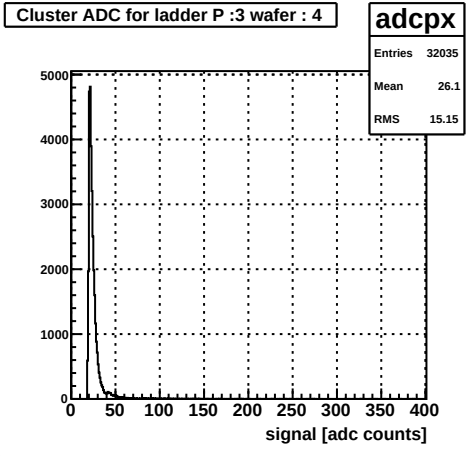

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 7484
Mean 32.09
RMS 30.94
signal [adc counts]

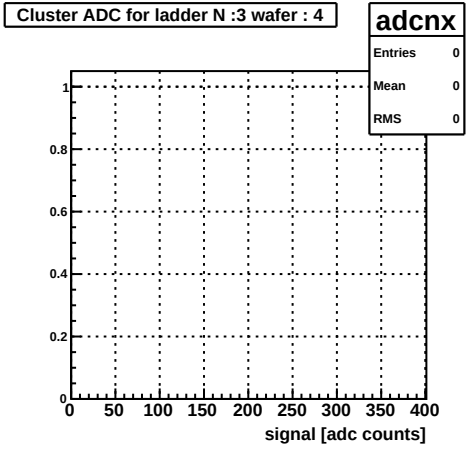

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

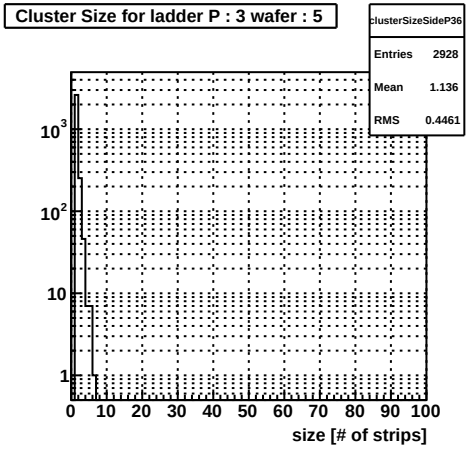

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 32035
Mean 1.03
RMS 0.1927
size [# of strips]

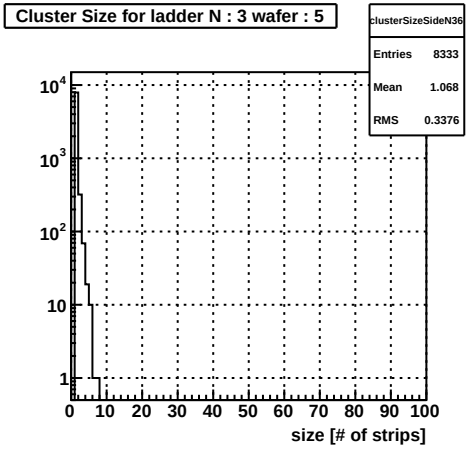

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

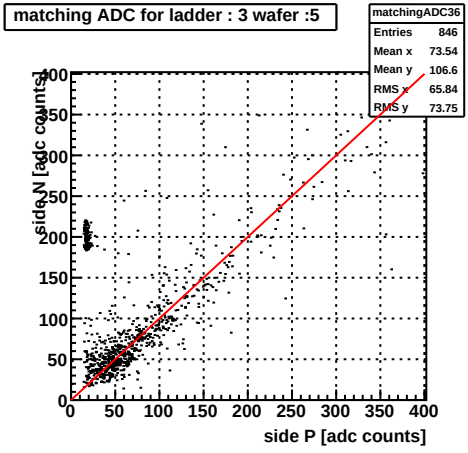

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

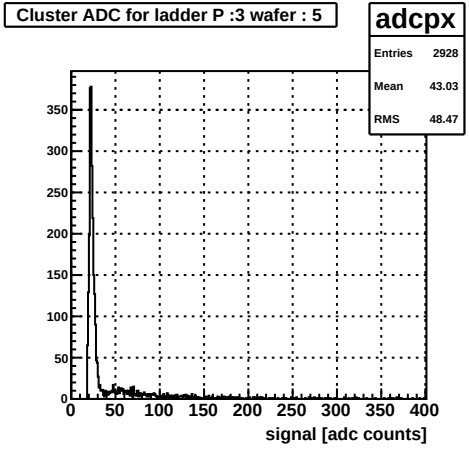

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 32035
Mean 26.1
RMS 15.15
signal [adc counts]

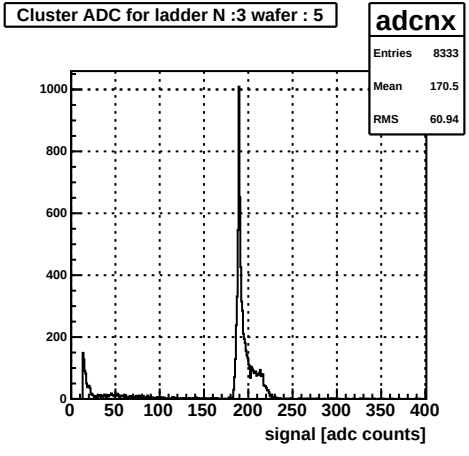

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

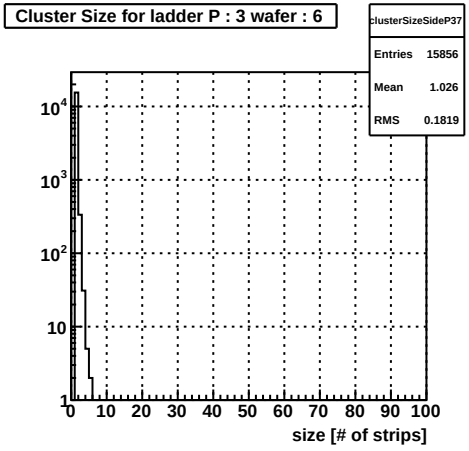

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 2928
Mean 1.136
RMS 0.4461
size [# of strips]

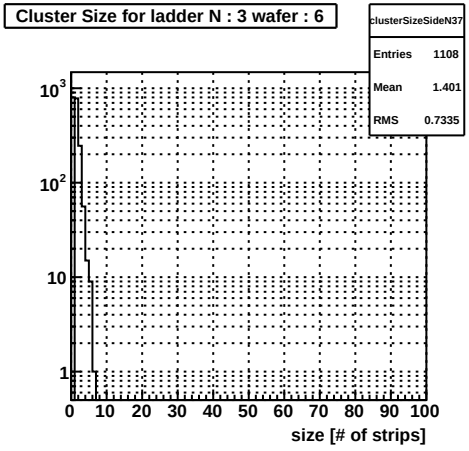

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 8333
Mean 1.068
RMS 0.3376
size [# of strips]

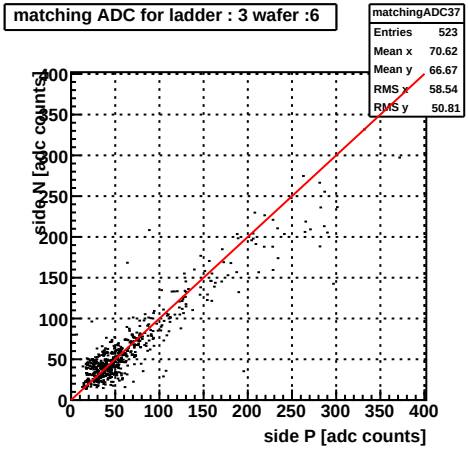

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 846
Mean x 73.54
Mean y 106.6
RMS x 65.84
RMS y 73.75
side N [adc counts]
side P [adc counts]

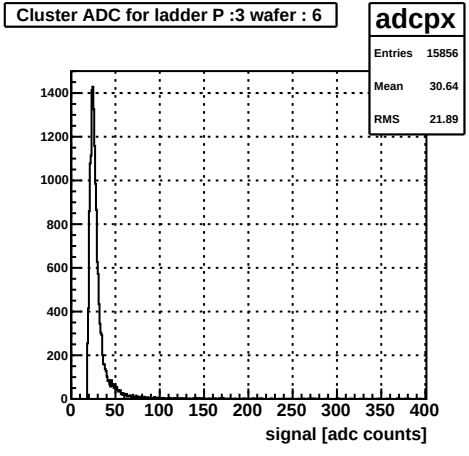

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 2928
Mean 43.03
RMS 48.47
signal [adc counts]

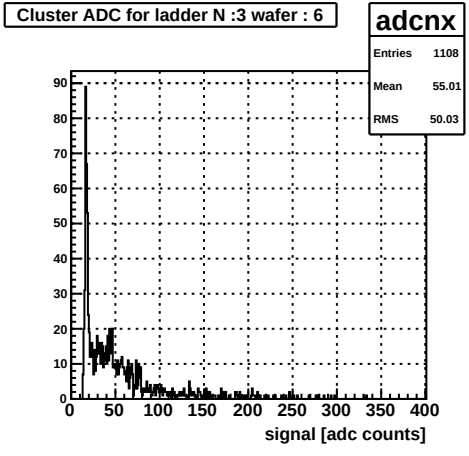

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 8333
Mean 170.5
RMS 60.94
signal [adc counts]

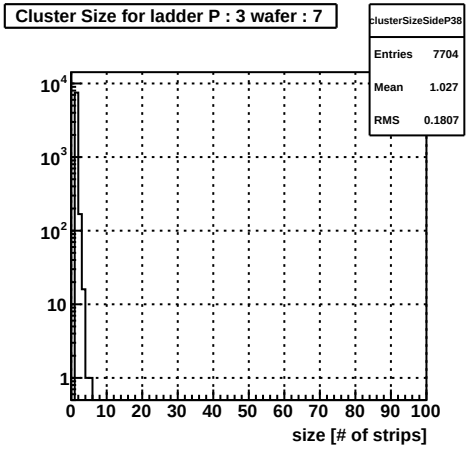

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 15856
Mean 1.026
RMS 0.1819
size [# of strips]

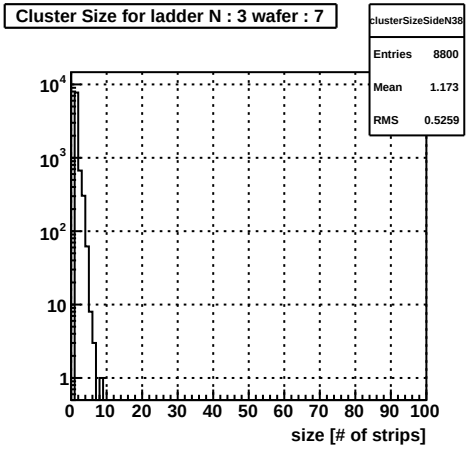

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 1108
Mean 1.401
RMS 0.7335
size [# of strips]

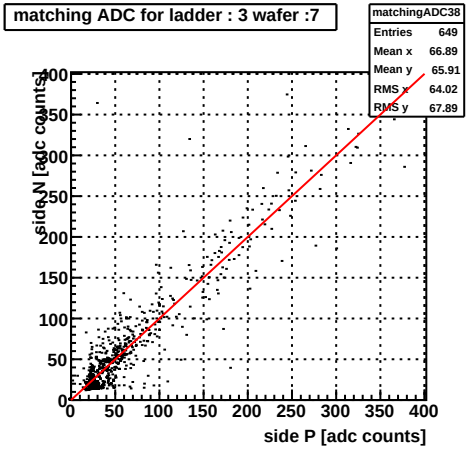

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 523
Mean x 70.62
Mean y 66.67
RMS x 58.54
RMS y 50.81
side N [adc counts]
side P [adc counts]

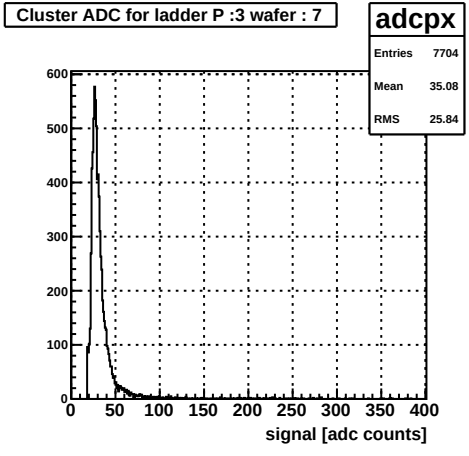

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 15856
Mean 30.64
RMS 21.89
signal [adc counts]

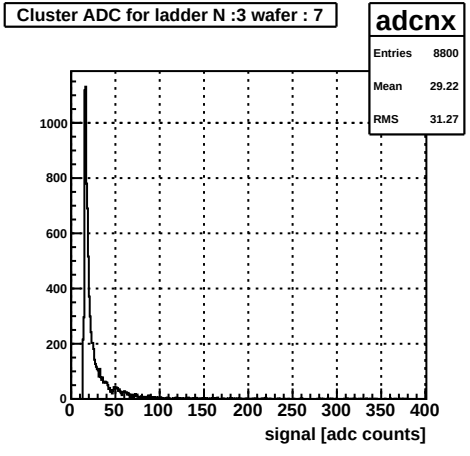

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 1108
Mean 55.01
RMS 50.03
signal [adc counts]

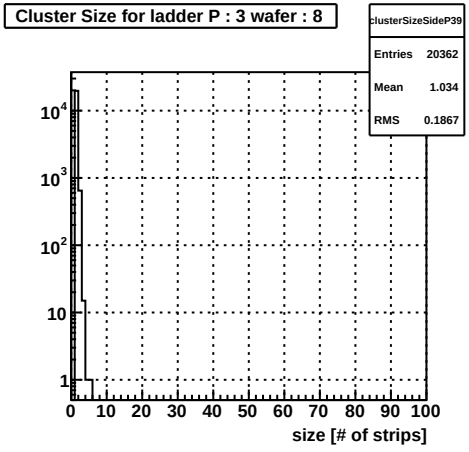

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 7704
Mean 1.027
RMS 0.1807
size [# of strips]

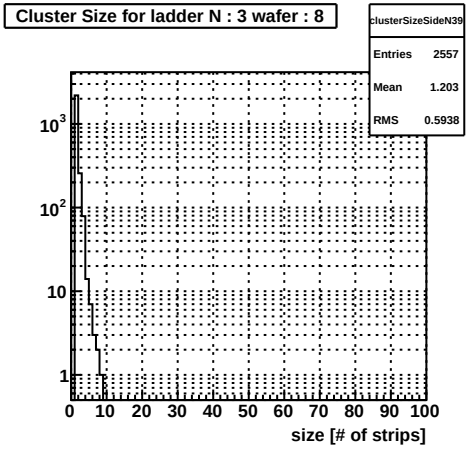

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 8800
Mean 1.173
RMS 0.5259
size [# of strips]

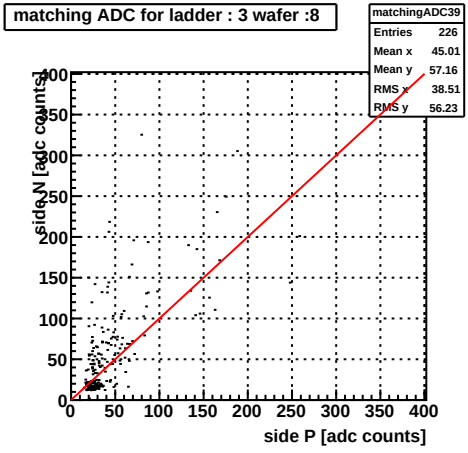

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 649
Mean x 66.89
Mean y 65.91
RMS x 64.02
RMS y 67.89
side N [adc counts]
side P [adc counts]

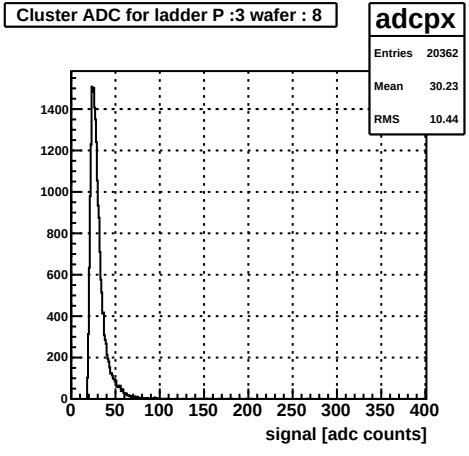

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 7704
Mean 35.08
RMS 25.84
signal [adc counts]

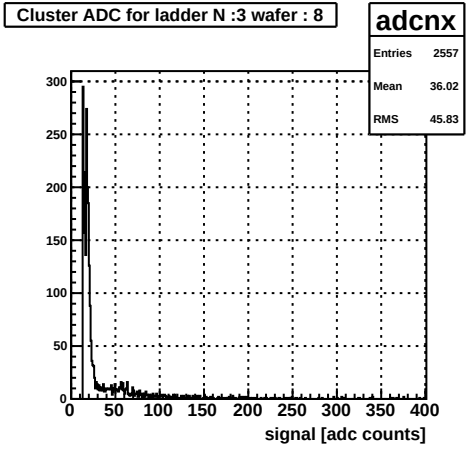

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 8800
Mean 29.22
RMS 31.27
signal [adc counts]

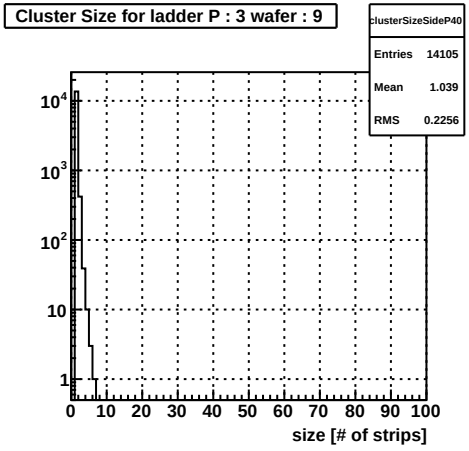

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 20362
Mean 1.034
RMS 0.1867
size [# of strips]

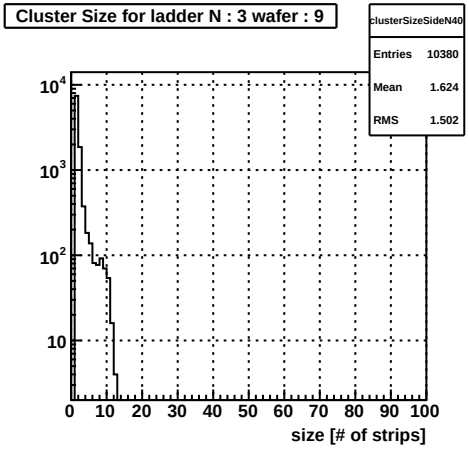

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 2557
Mean 1.203
RMS 0.5938
size [# of strips]

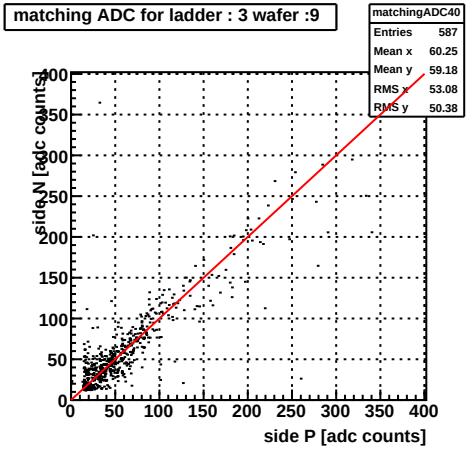

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 226
Mean x 45.01
Mean y 57.16
RMS x 38.51
RMS y 56.23
side N [adc counts]
side P [adc counts]

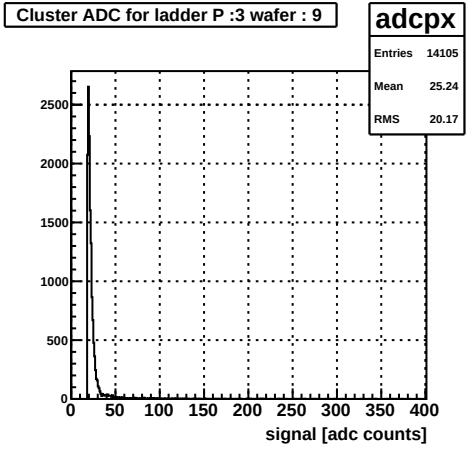

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 20362
Mean 30.23
RMS 10.44
signal [adc counts]

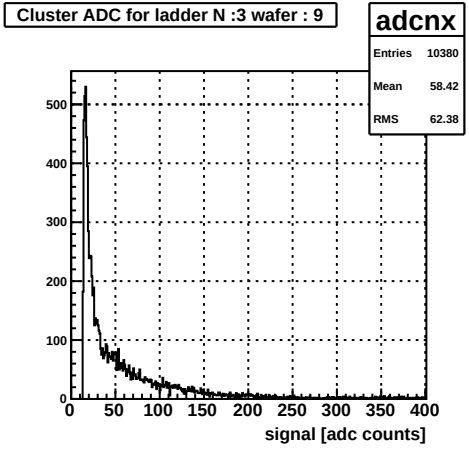

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 2557
Mean 36.02
RMS 45.83
signal [adc counts]

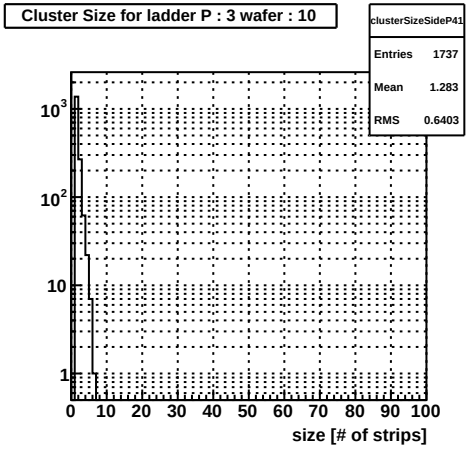

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 14105
Mean 1.039
RMS 0.2256
size [# of strips]

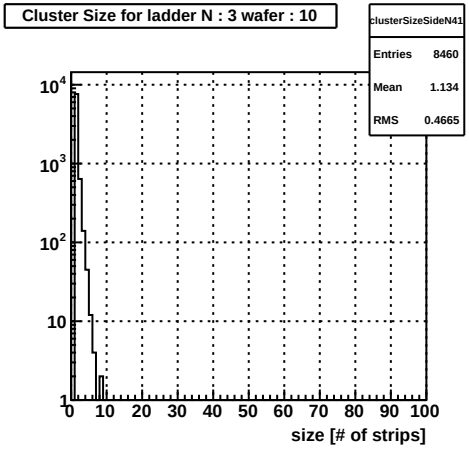

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 10380
Mean 1.624
RMS 1.502
size [# of strips]

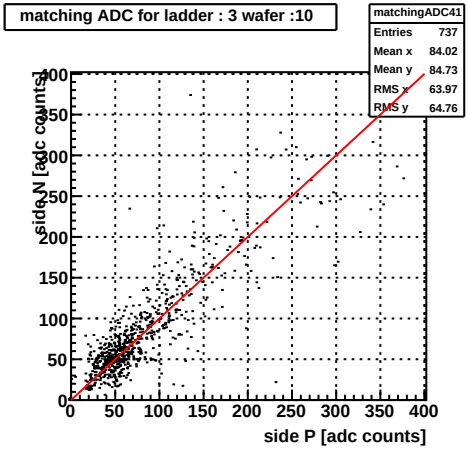

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 587
Mean x 60.25
Mean y 59.18
RMS x 53.08
RMS y 50.38
side N [adc counts]
side P [adc counts]

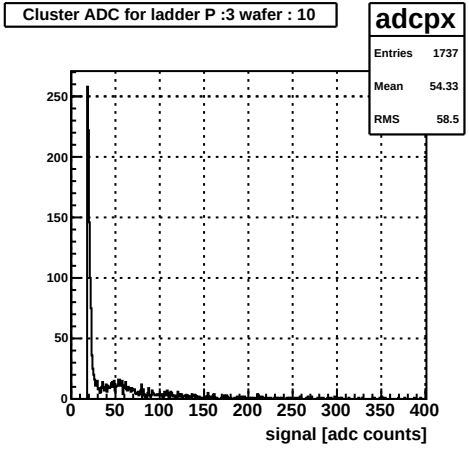

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 14105
Mean 25.24
RMS 20.17
signal [adc counts]

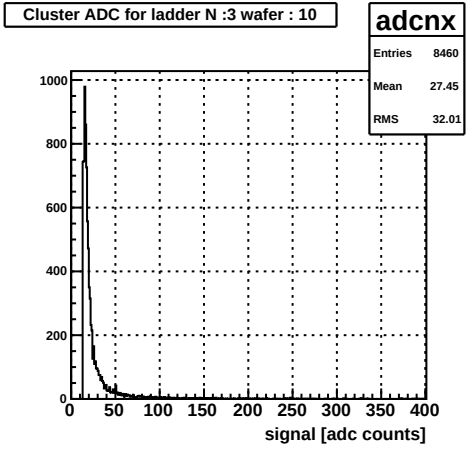

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 10380
Mean 58.42
RMS 62.38
signal [adc counts]

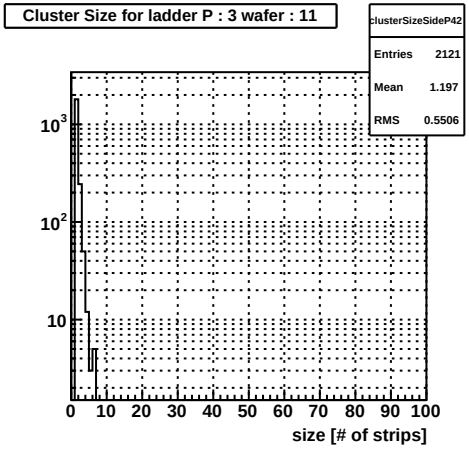

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 1737
Mean 1.283
RMS 0.6403
size [# of strips]

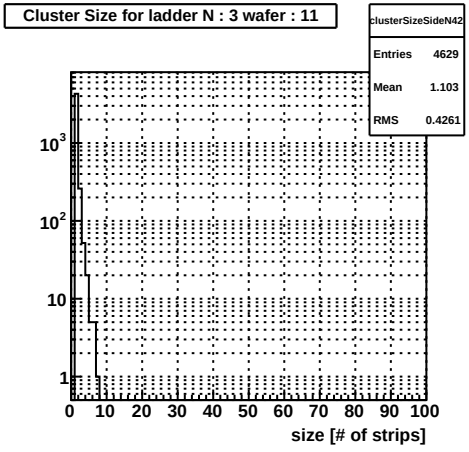

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 8460
Mean 1.134
RMS 0.4665
size [# of strips]

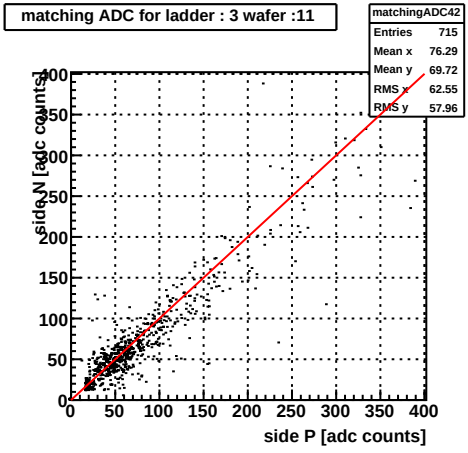

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 737
Mean x 84.02
Mean y 84.73
RMS x 63.97
RMS y 64.76
side N [adc counts]
side P [adc counts]

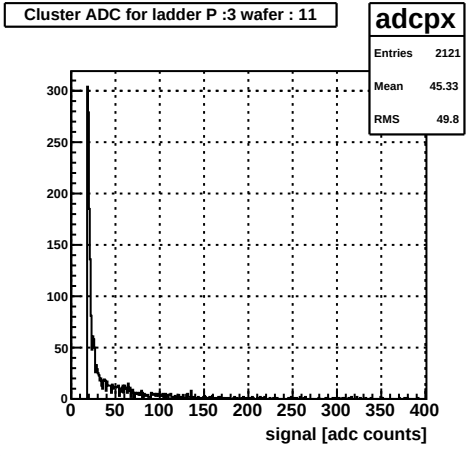

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 1737
Mean 54.33
RMS 58.5
signal [adc counts]

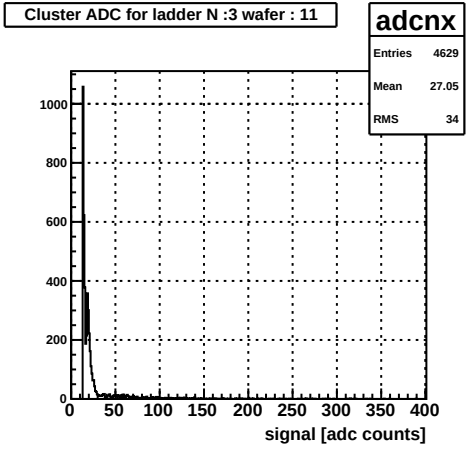

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 8460
Mean 27.45
RMS 32.01
signal [adc counts]

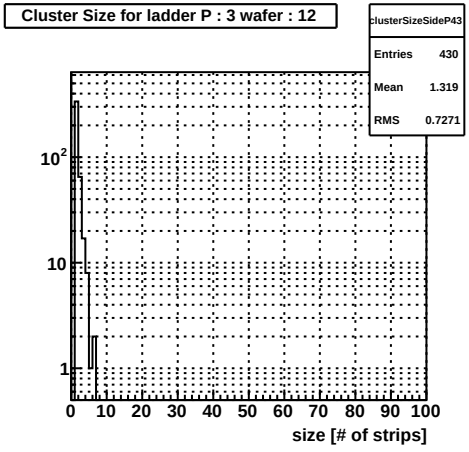

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 2121
Mean 1.197
RMS 0.5506
size [# of strips]

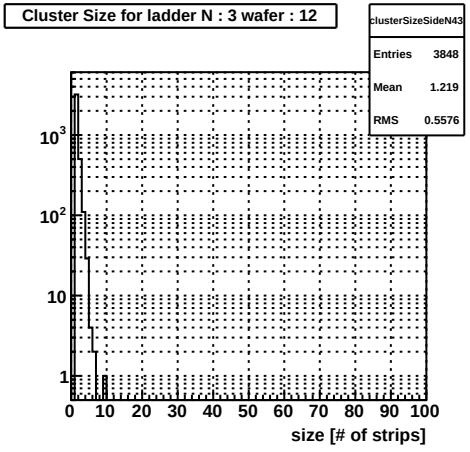

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 4629
Mean 1.103
RMS 0.4261
size [# of strips]

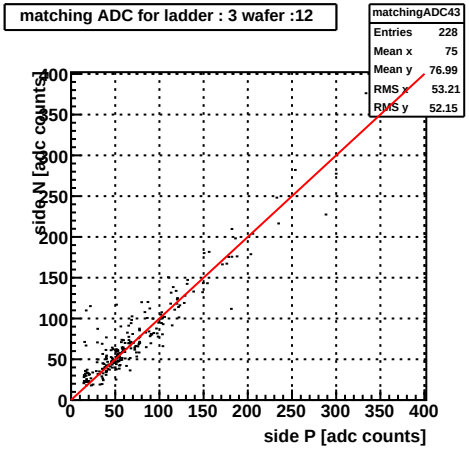

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 715
Mean x 76.29
Mean y 69.72
RMS x 62.55
RMS y 57.96
side N [adc counts]
side P [adc counts]

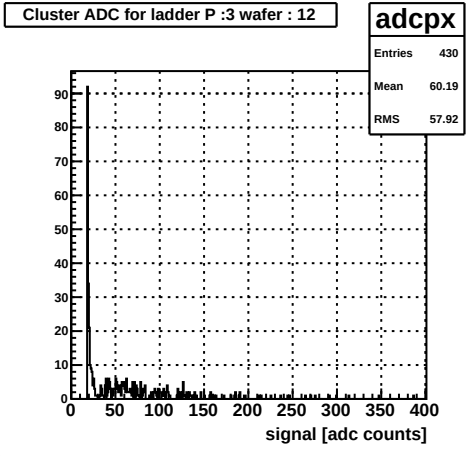

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 2121
Mean 45.33
RMS 49.8
signal [adc counts]

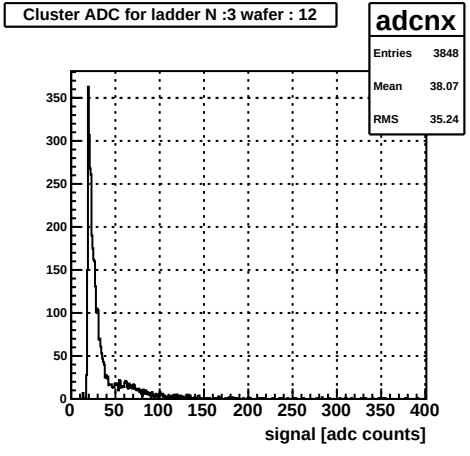

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 4629
Mean 27.05
RMS 34
signal [adc counts]

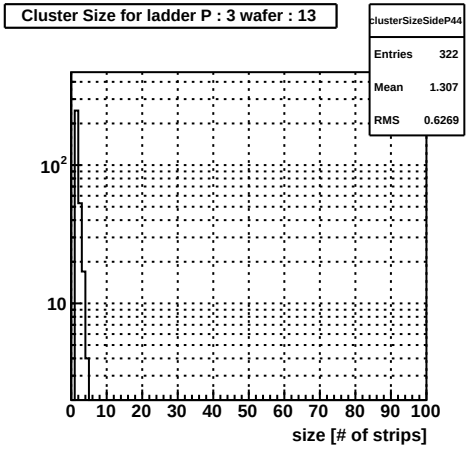

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 430
Mean 1.319
RMS 0.7271
size [# of strips]

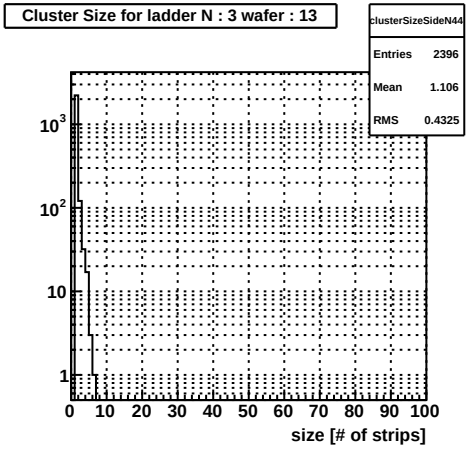

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 3848
Mean 1.219
RMS 0.5576
size [# of strips]

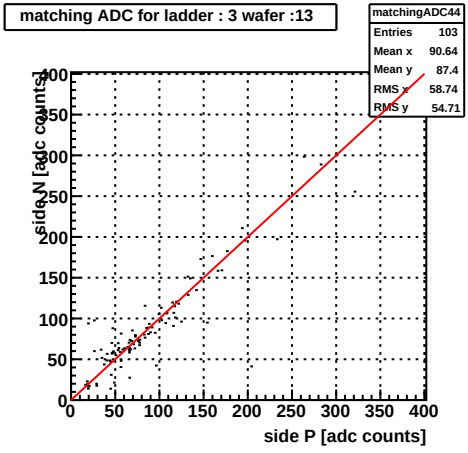

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 228
Mean x 75
Mean y 76.99
RMS x 53.21
RMS y 52.15
side N [adc counts]
side P [adc counts]

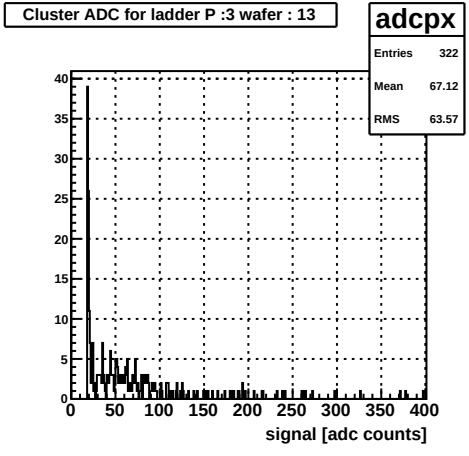

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 430
Mean 60.19
RMS 57.92
signal [adc counts]

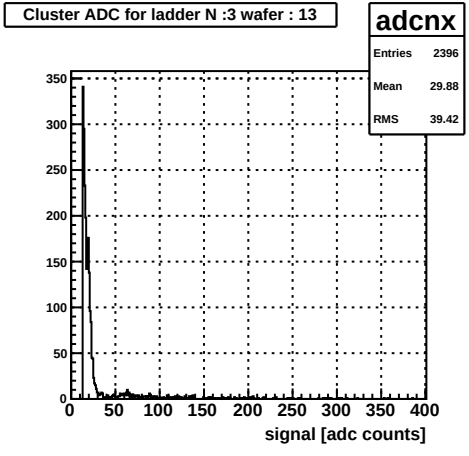

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 3848
Mean 38.07
RMS 35.24
signal [adc counts]

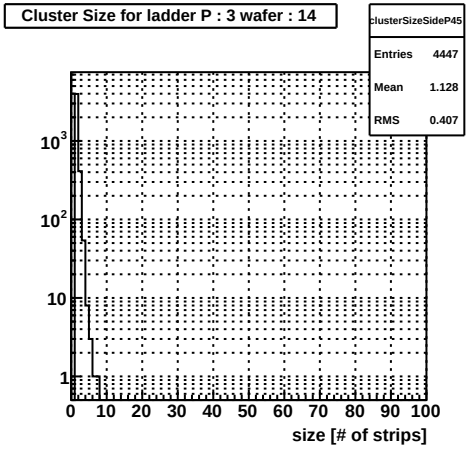

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 322
Mean 1.307
RMS 0.6269
size [# of strips]

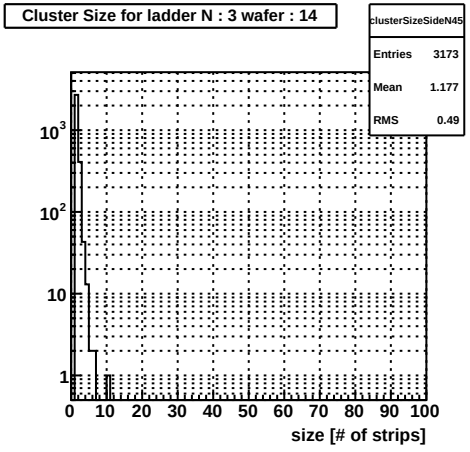

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 2396
Mean 1.106
RMS 0.4325
size [# of strips]

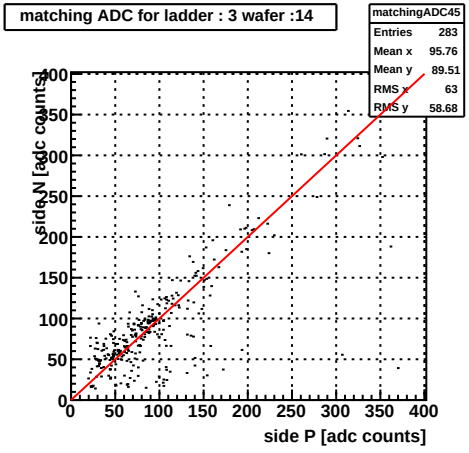

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 103
Mean x 90.64
Mean y 87.4
RMS x 58.74
RMS y 54.71
side N [adc counts]
side P [adc counts]

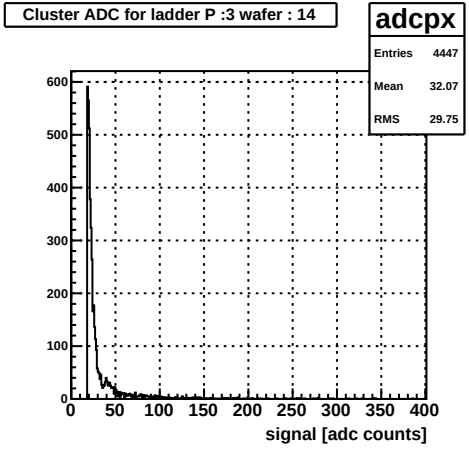

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 322
Mean 67.12
RMS 63.57
signal [adc counts]

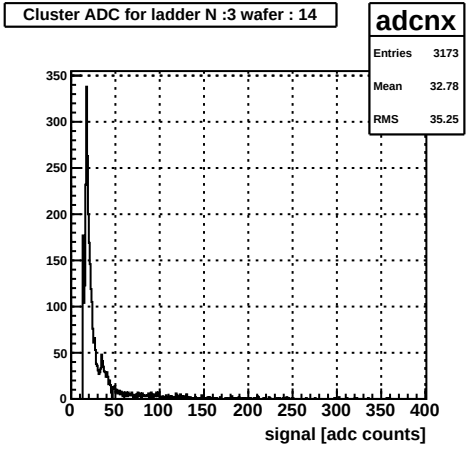

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 2396
Mean 29.88
RMS 39.42
signal [adc counts]

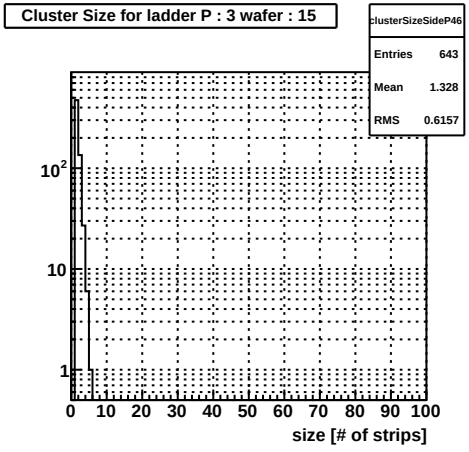

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 4447
Mean 1.128
RMS 0.407
size [# of strips]

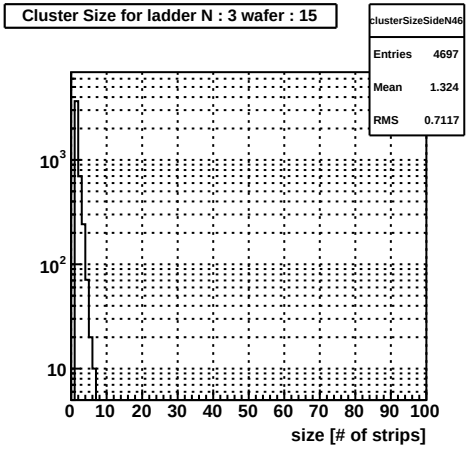

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 3173
Mean 1.177
RMS 0.49
size [# of strips]

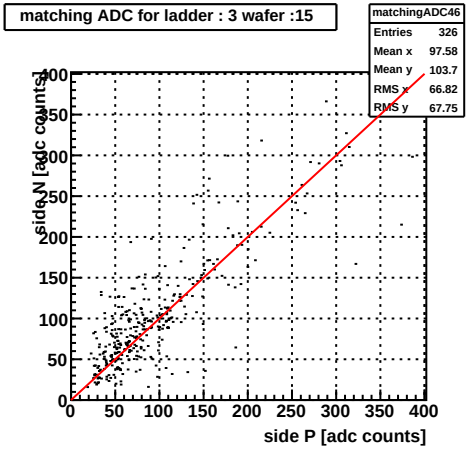

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 283
Mean x 95.76
Mean y 89.51
RMS x 63
RMS y 58.68
side N [adc counts]
side P [adc counts]

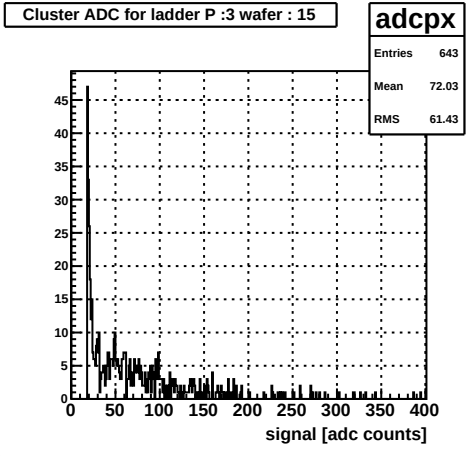

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 4447
Mean 32.07
RMS 29.75
signal [adc counts]

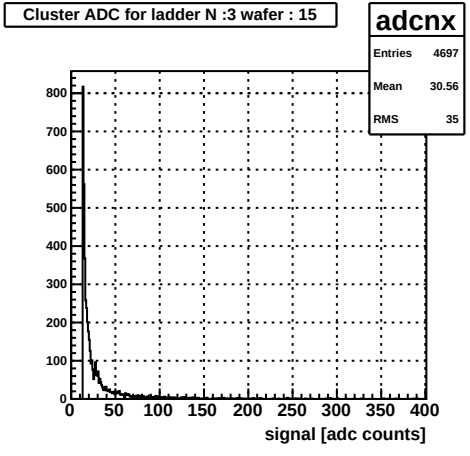

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 3173
Mean 32.78
RMS 35.25
signal [adc counts]

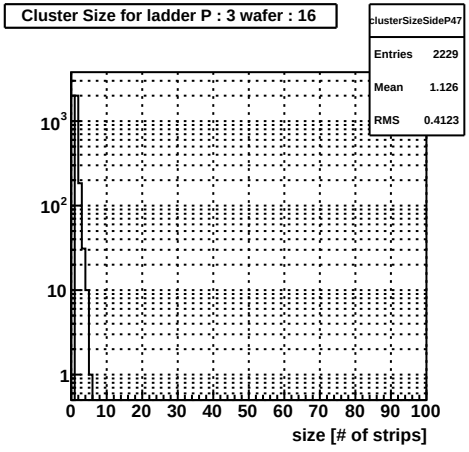

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 643
Mean 1.328
RMS 0.6157
size [# of strips]

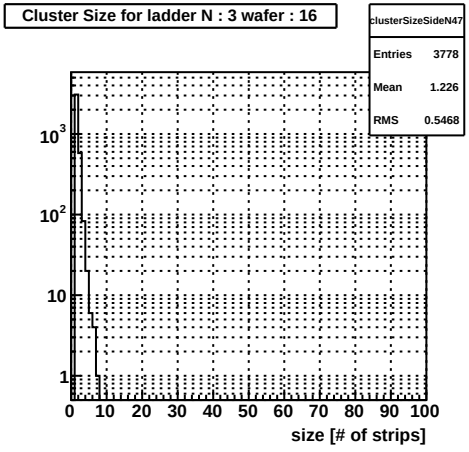

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 4697
Mean 1.324
RMS 0.7117
size [# of strips]

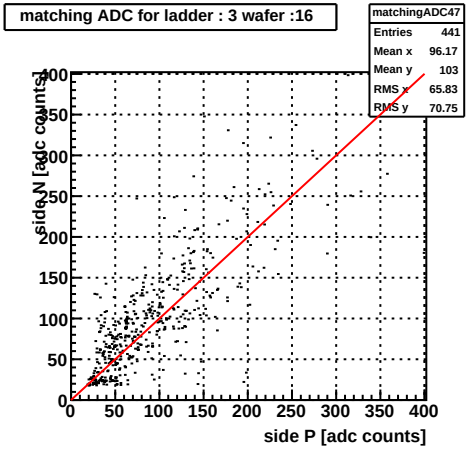

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 326
Mean x 97.58
Mean y 103.7
RMS x 66.82
RMS y 67.75
side N [adc counts]
side P [adc counts]

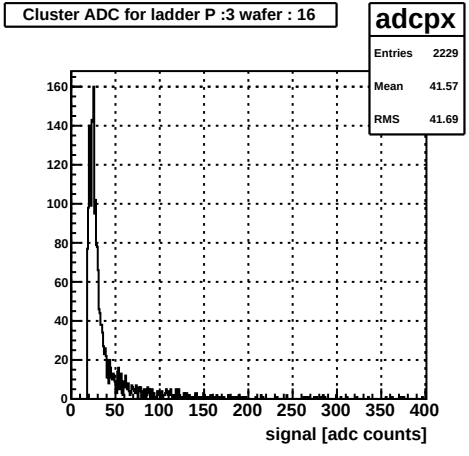

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 643
Mean 72.03
RMS 61.43
signal [adc counts]

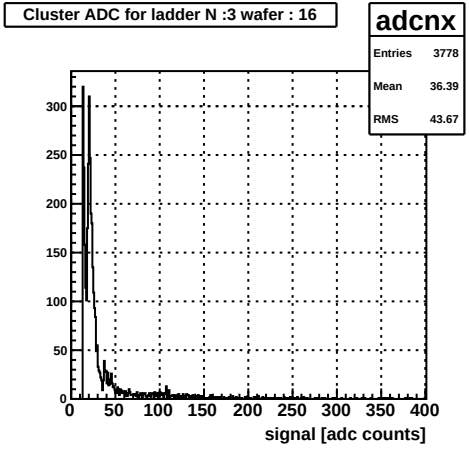

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 4697
Mean 30.56
RMS 35
signal [adc counts]

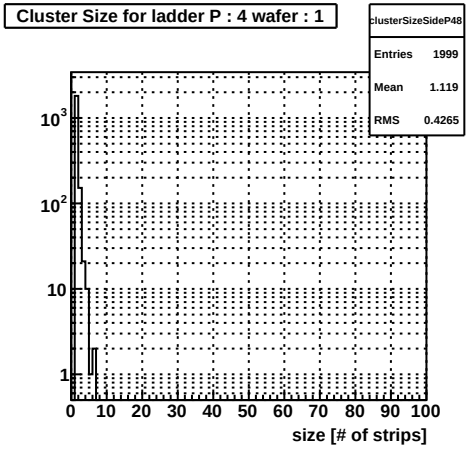

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 2229
Mean 1.126
RMS 0.4123
size [# of strips]

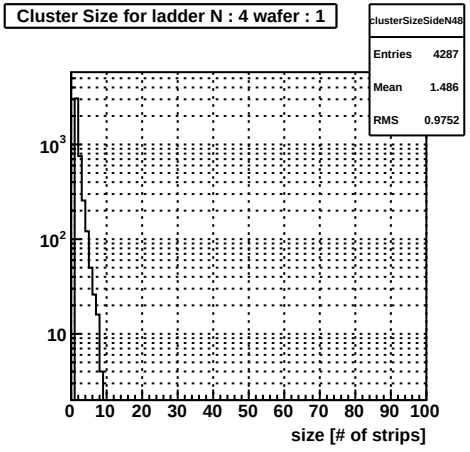

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 3778
Mean 1.226
RMS 0.5468
size [# of strips]

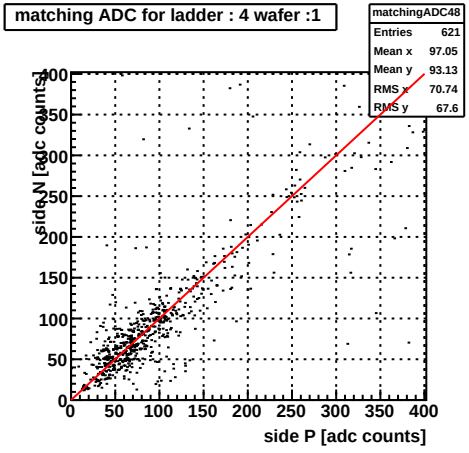

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 441
Mean x 96.17
Mean y 103
RMS x 65.83
RMS y 70.75
side N [adc counts]
side P [adc counts]

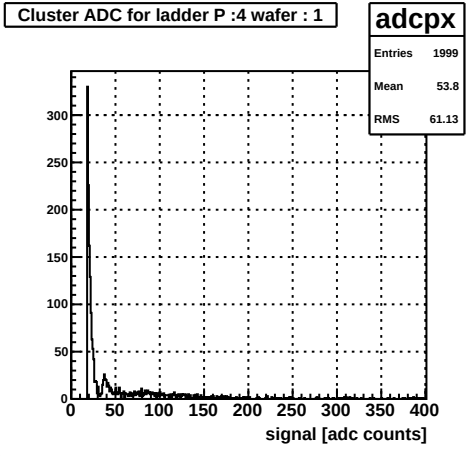

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 2229
Mean 41.57
RMS 41.69
signal [adc counts]

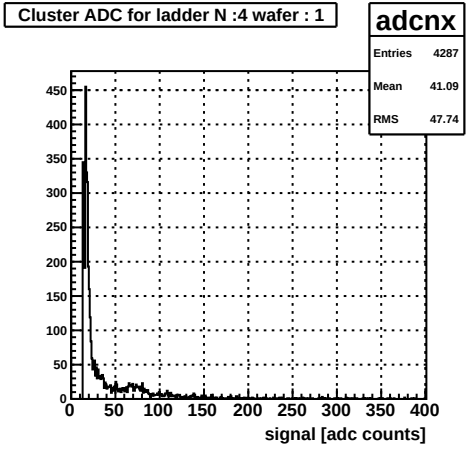

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 3778
Mean 36.39
RMS 43.67
signal [adc counts]

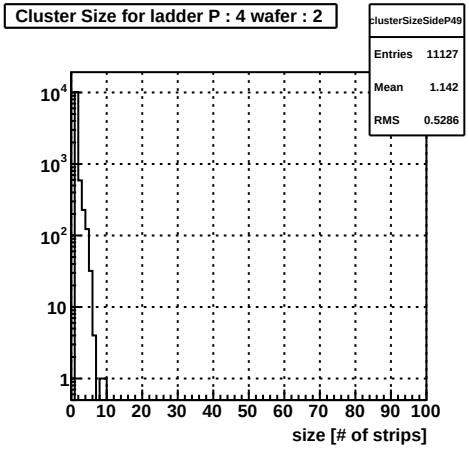

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 1999
Mean 1.119
RMS 0.4265
size [# of strips]

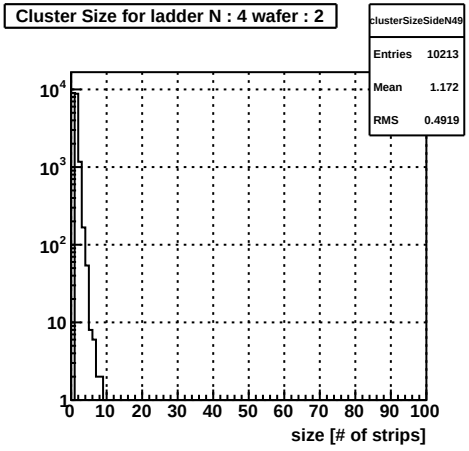

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 4287
Mean 1.486
RMS 0.9752
size [# of strips]

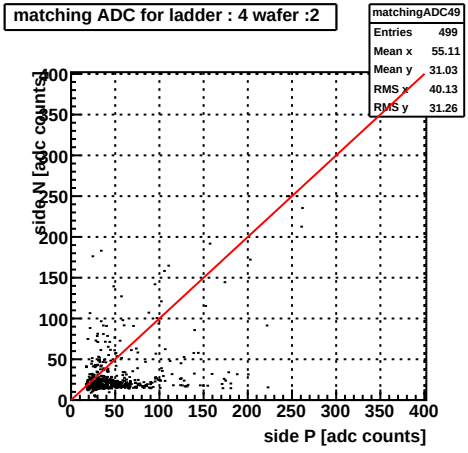

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 621
Mean x 97.05
Mean y 93.13
RMS x 70.74
RMS y 67.6
side N [adc counts]
side P [adc counts]

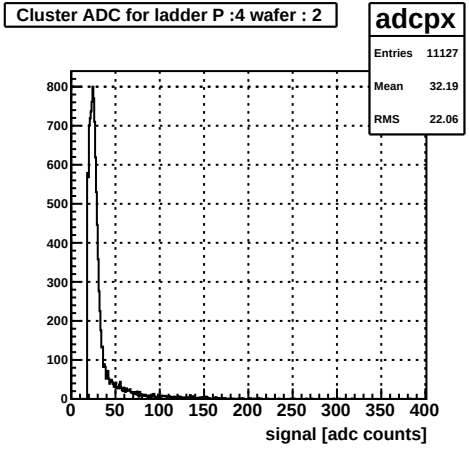

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 1999
Mean 53.8
RMS 61.13
signal [adc counts]

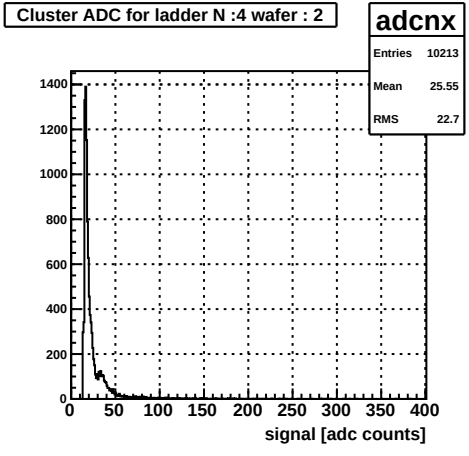

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 4287
Mean 41.09
RMS 47.74
signal [adc counts]

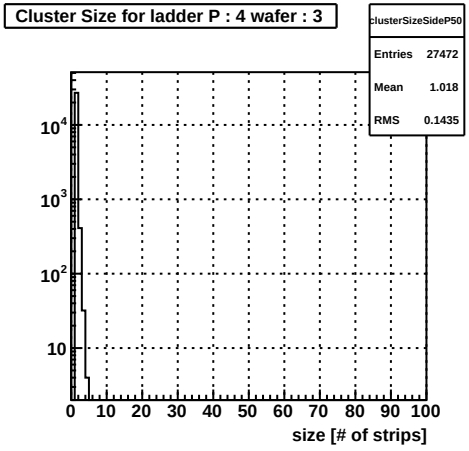

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 11127
Mean 1.142
RMS 0.5286
size [# of strips]

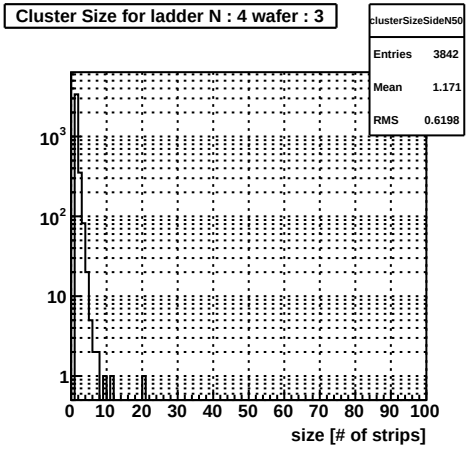

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 10213
Mean 1.172
RMS 0.4919
size [# of strips]

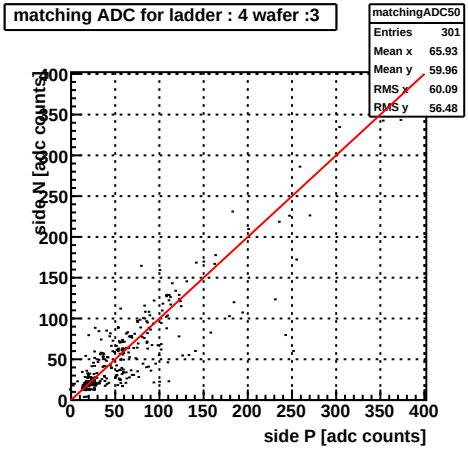

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 499
Mean x 55.11
Mean y 31.03
RMS x 40.13
RMS y 31.26
side N [adc counts]
side P [adc counts]

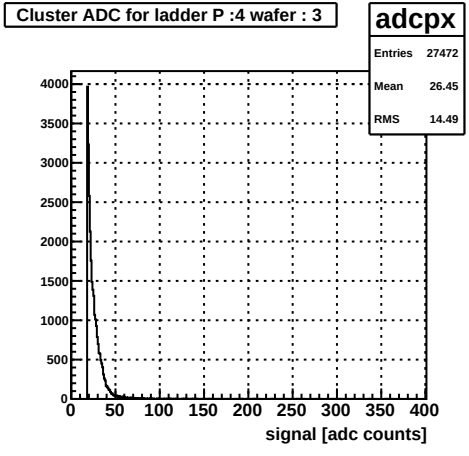

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 11127
Mean 32.19
RMS 22.06
signal [adc counts]

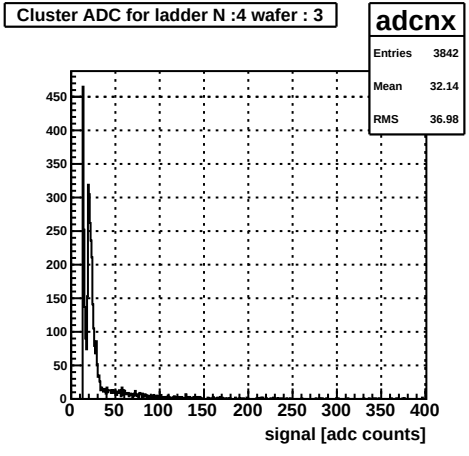

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 10213
Mean 25.55
RMS 22.7
signal [adc counts]

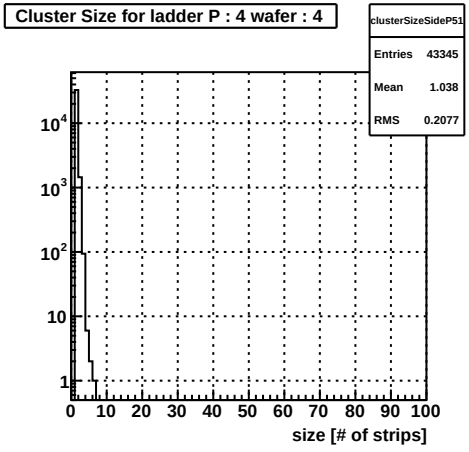

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 27472
Mean 1.018
RMS 0.1435
size [# of strips]

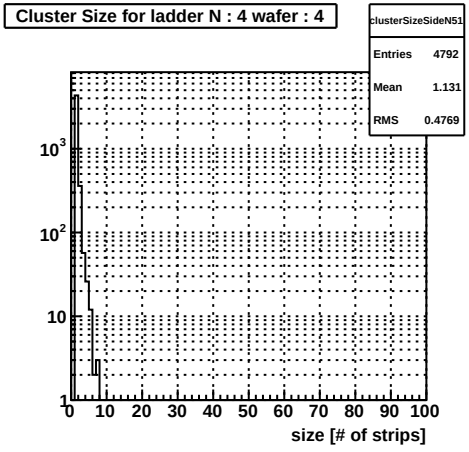

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 3842
Mean 1.171
RMS 0.6198
size [# of strips]

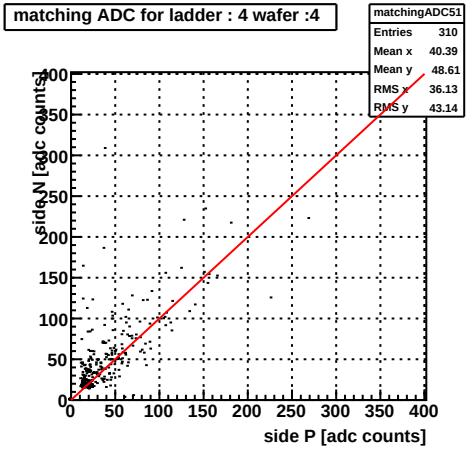

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 301
Mean x 65.93
Mean y 59.96
RMS x 60.09
RMS y 56.48
side N [adc counts]
side P [adc counts]

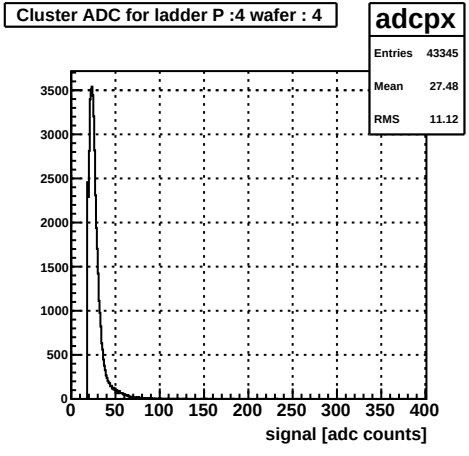

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 27472
Mean 26.45
RMS 14.49
signal [adc counts]

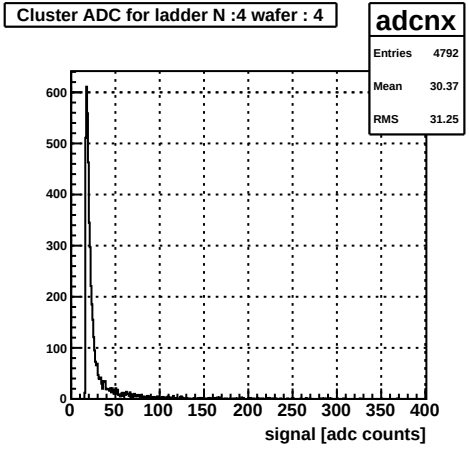

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 3842
Mean 32.14
RMS 36.98
signal [adc counts]

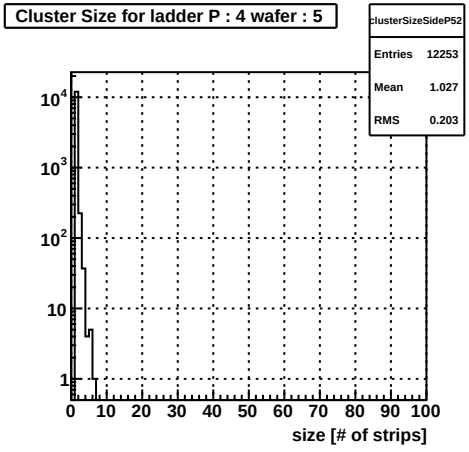

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 43345
Mean 1.038
RMS 0.2077
size [# of strips]

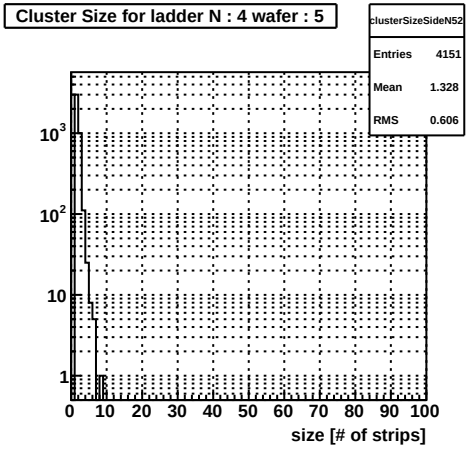

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 4792
Mean 1.131
RMS 0.4769
size [# of strips]

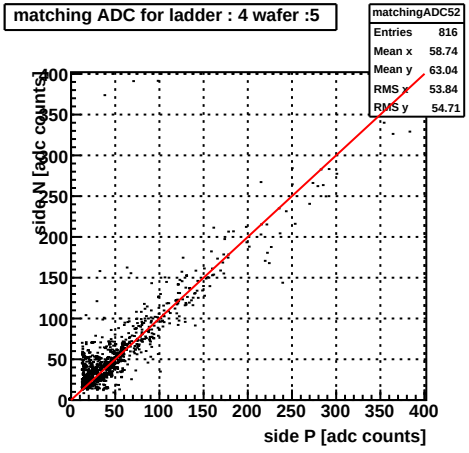

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 310
Mean x 40.39
Mean y 48.61
RMS x 36.13
RMS y 43.14
side N [adc counts]
side P [adc counts]

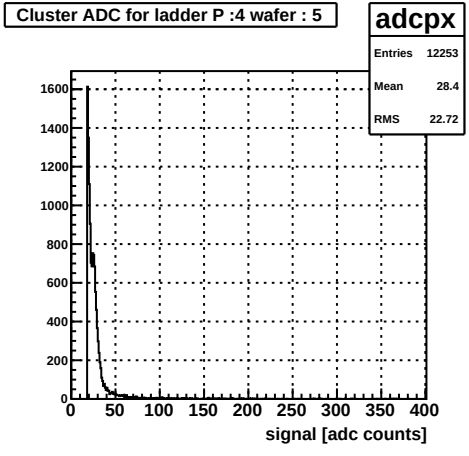

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 43345
Mean 27.48
RMS 11.12
signal [adc counts]

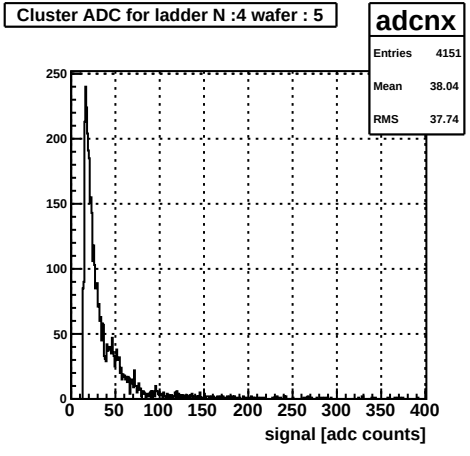

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 4792
Mean 30.37
RMS 31.25
signal [adc counts]

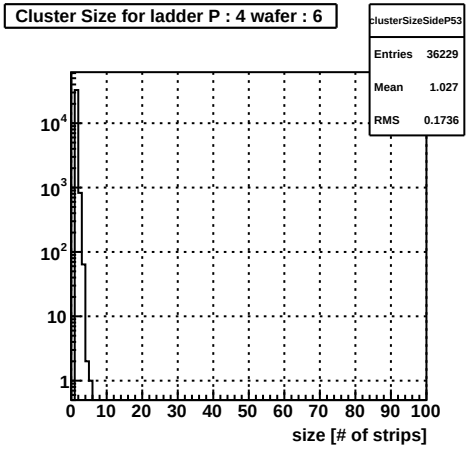

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 12253
Mean 1.027
RMS 0.203
size [# of strips]

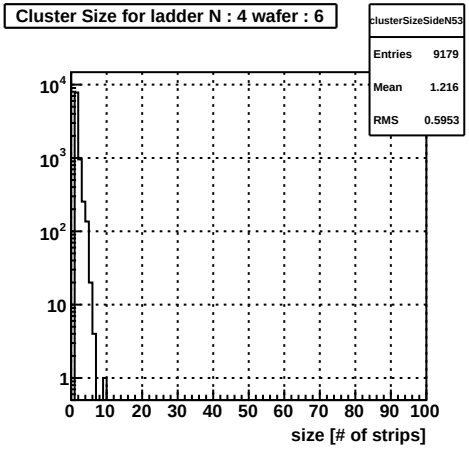

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 4151
Mean 1.328
RMS 0.606
size [# of strips]

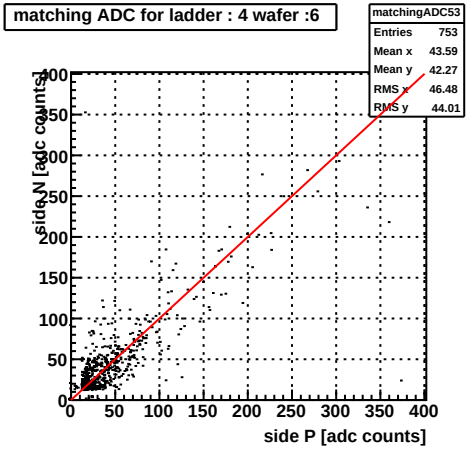

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 816
Mean x 58.74
Mean y 63.04
RMS x 53.84
RMS y 54.71
side N [adc counts]
side P [adc counts]

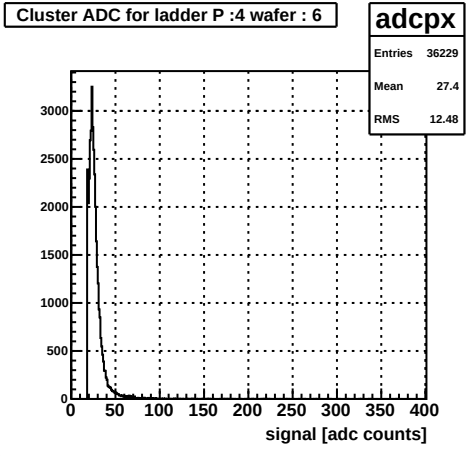

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 12253
Mean 28.4
RMS 22.72
signal [adc counts]

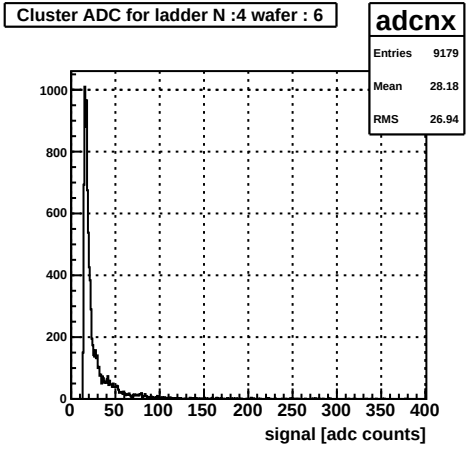

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 4151
Mean 38.04
RMS 37.74
signal [adc counts]

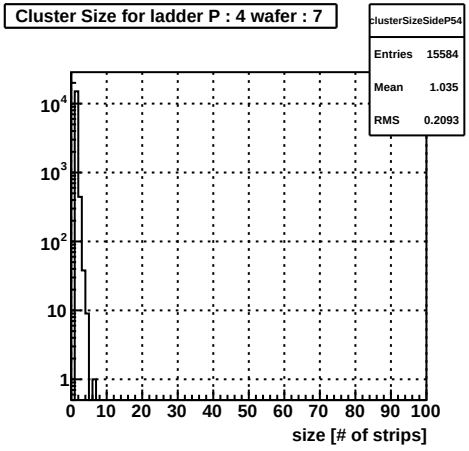

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 36229
Mean 1.027
RMS 0.1736
size [# of strips]

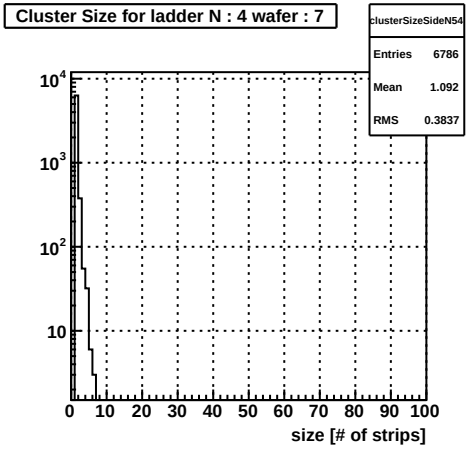

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 9179
Mean 1.216
RMS 0.5953
size [# of strips]

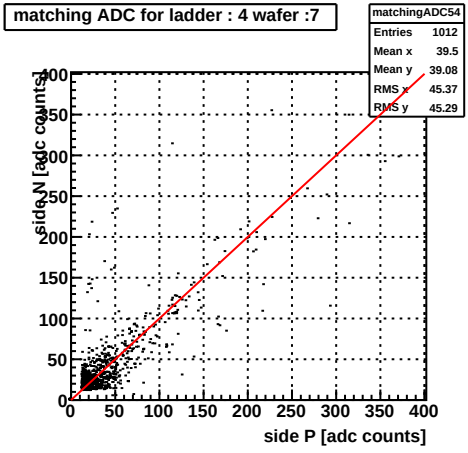

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 753
Mean x 43.59
Mean y 42.27
RMS x 46.48
RMS y 44.01
side N [adc counts]
side P [adc counts]

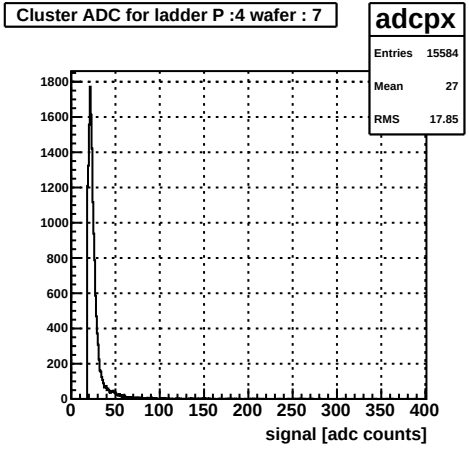

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 36229
Mean 27.4
RMS 12.48
signal [adc counts]

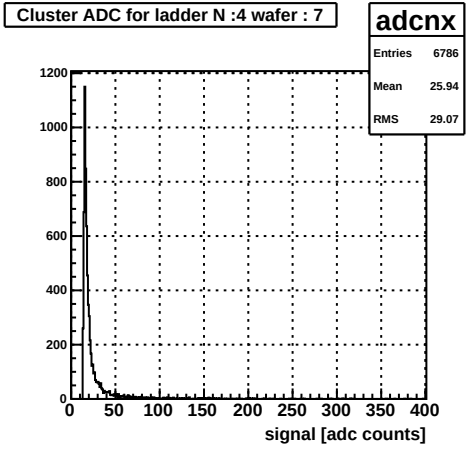

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 9179
Mean 28.18
RMS 26.94
signal [adc counts]

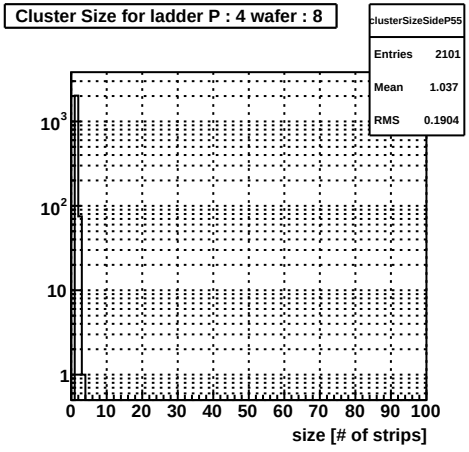

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 15584
Mean 1.035
RMS 0.2093
size [# of strips]

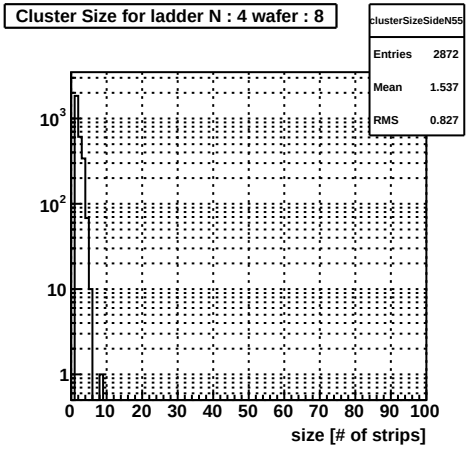

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 6786
Mean 1.092
RMS 0.3837
size [# of strips]

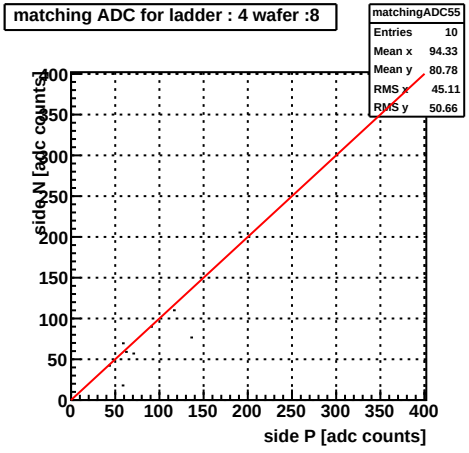

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 1012
Mean x 39.5
Mean y 39.08
RMS x 45.37
RMS y 45.29
side N [adc counts]
side P [adc counts]

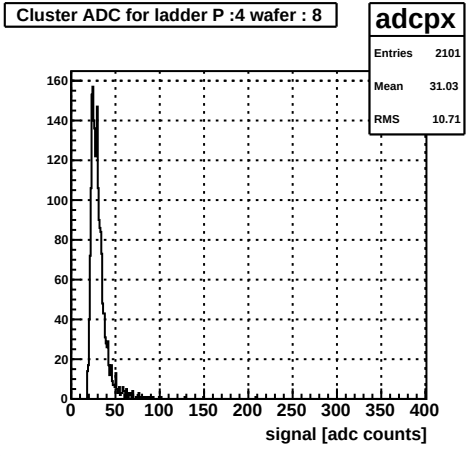

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 15584
Mean 27
RMS 17.85
signal [adc counts]

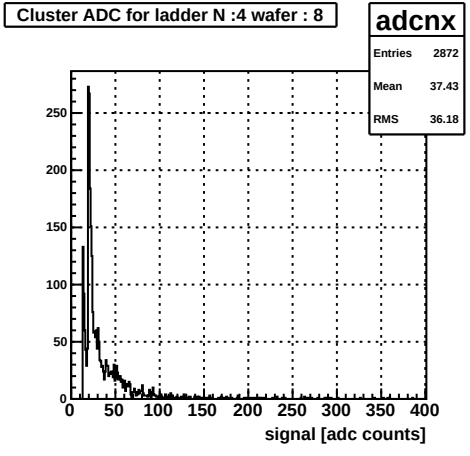

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 6786
Mean 25.94
RMS 29.07
signal [adc counts]

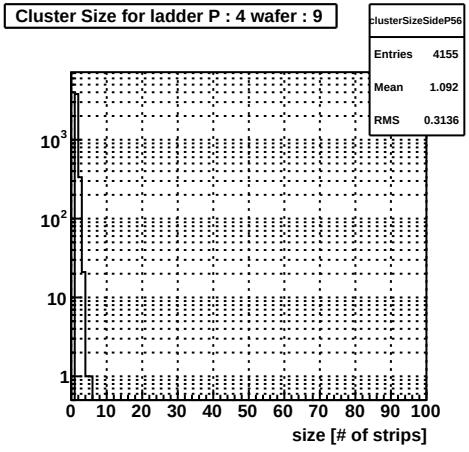

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 2101
Mean 1.037
RMS 0.1904
size [# of strips]

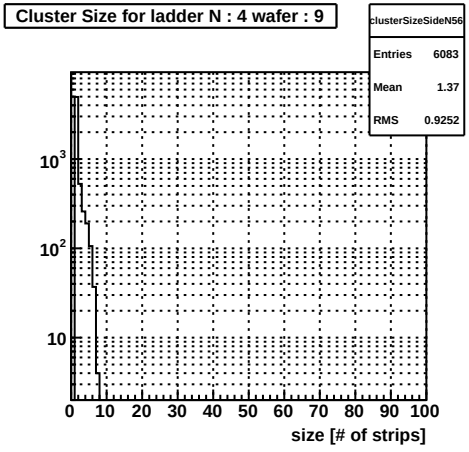

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 2872
Mean 1.537
RMS 0.827
size [# of strips]

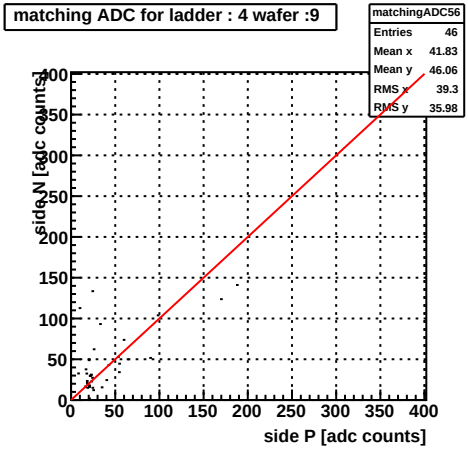

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 10
Mean x 94.33
Mean y 80.78
RMS x 45.11
RMS y 50.66
side N [adc counts]
side P [adc counts]

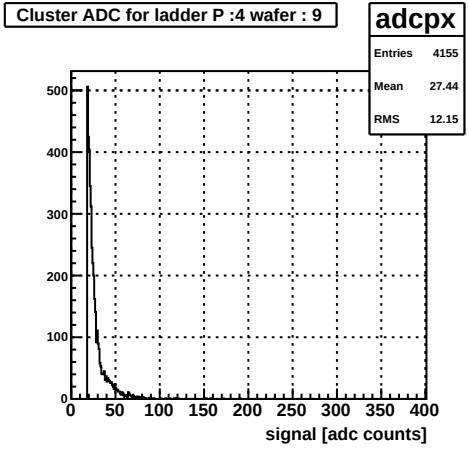

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 2101
Mean 31.03
RMS 10.71
signal [adc counts]

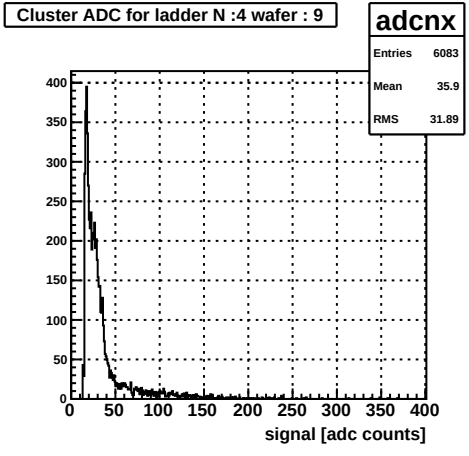

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 2872
Mean 37.43
RMS 36.18
signal [adc counts]

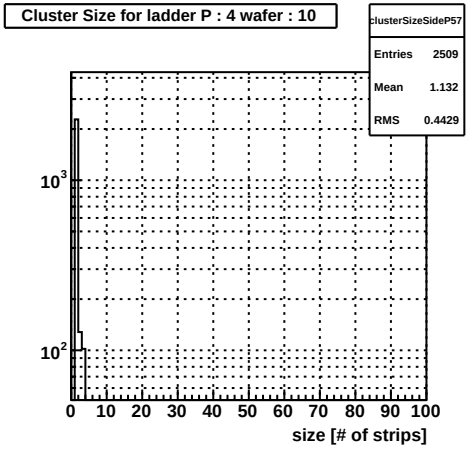

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 4155
Mean 1.092
RMS 0.3136
size [# of strips]

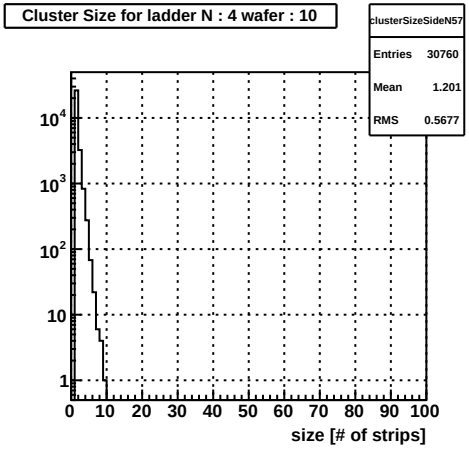

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 6083
Mean 1.37
RMS 0.9252
size [# of strips]

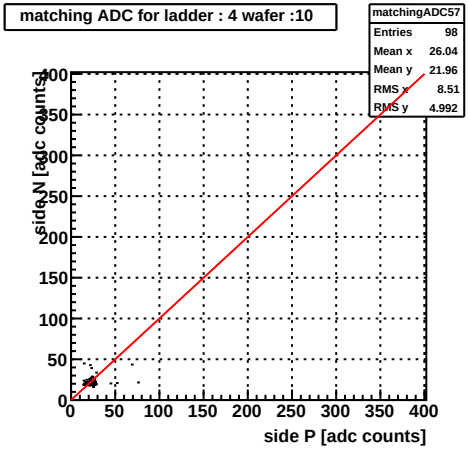

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 46
Mean x 41.83
Mean y 46.06
RMS x 39.3
RMS y 35.98
side N [adc counts]
side P [adc counts]

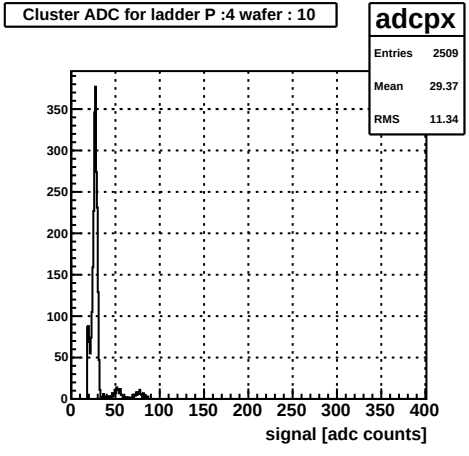

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 4155
Mean 27.44
RMS 12.15
signal [adc counts]

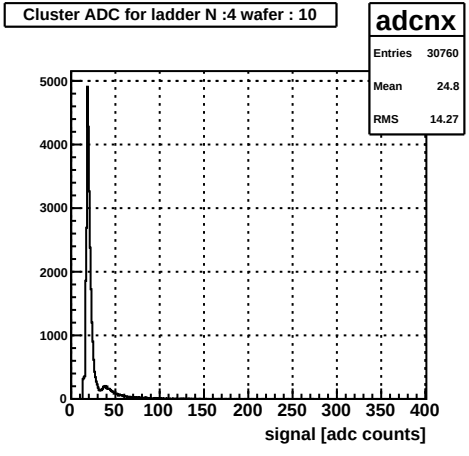

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 6083
Mean 35.9
RMS 31.89
signal [adc counts]

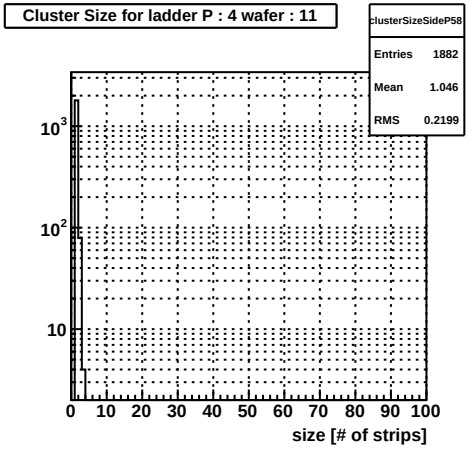

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 2509
Mean 1.132
RMS 0.4429
size [# of strips]

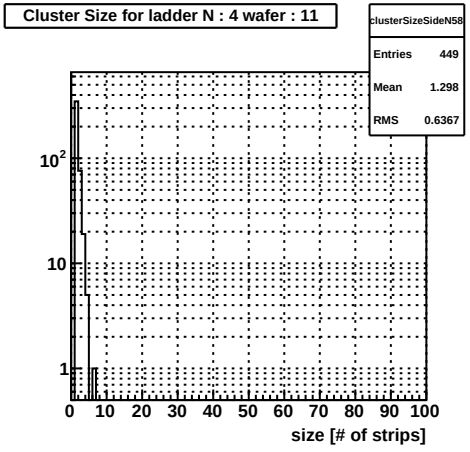

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 30760
Mean 1.201
RMS 0.5677
size [# of strips]

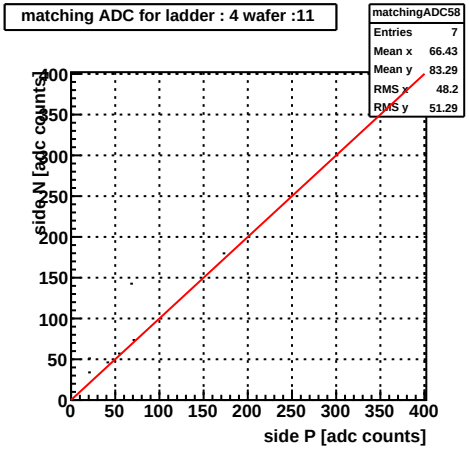

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 98
Mean x 26.04
Mean y 21.96
RMS x 8.51
RMS y 4.992
side N [adc counts]
side P [adc counts]

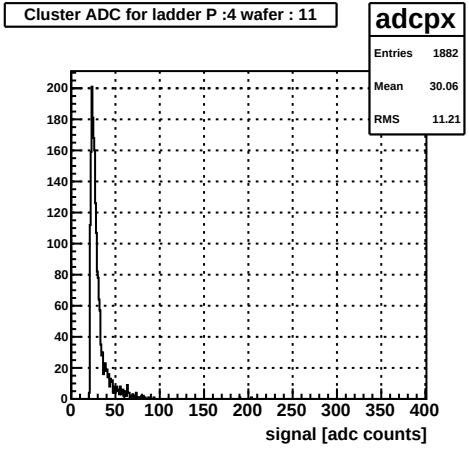

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 2509
Mean 29.37
RMS 11.34
signal [adc counts]

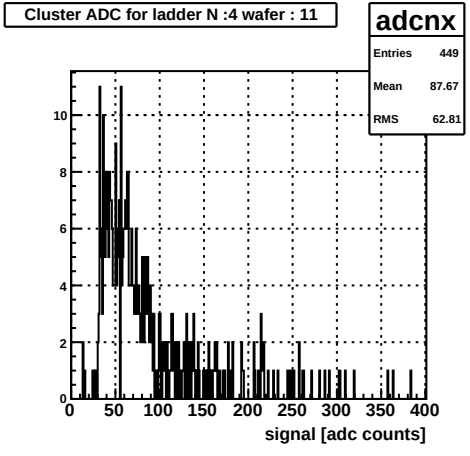

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 30760
Mean 24.8
RMS 14.27
signal [adc counts]

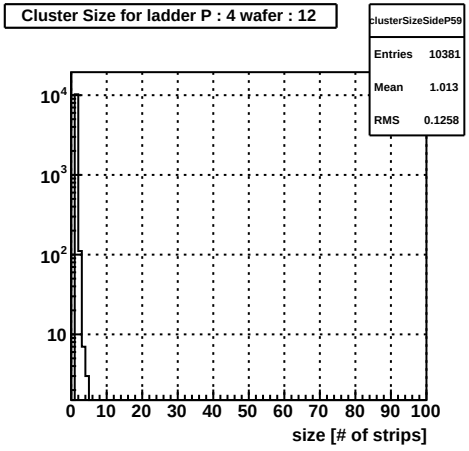

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 1882
Mean 1.046
RMS 0.2199
size [# of strips]

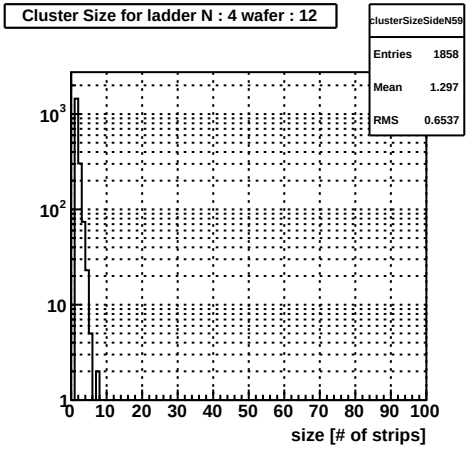

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 449
Mean 1.298
RMS 0.6367
size [# of strips]

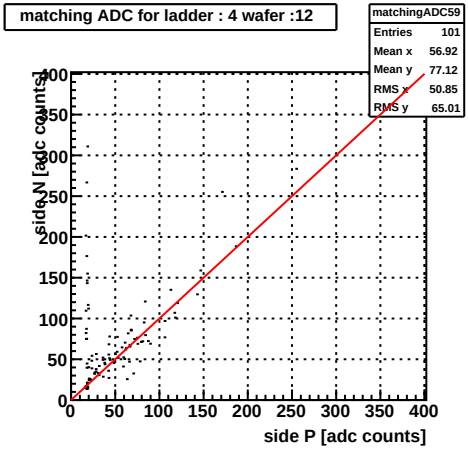

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 7
Mean x 66.43
Mean y 83.29
RMS x 48.2
RMS y 51.29
side N [adc counts]
side P [adc counts]

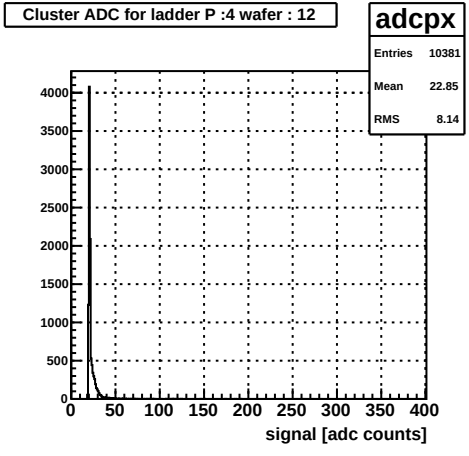

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 1882
Mean 30.06
RMS 11.21
signal [adc counts]

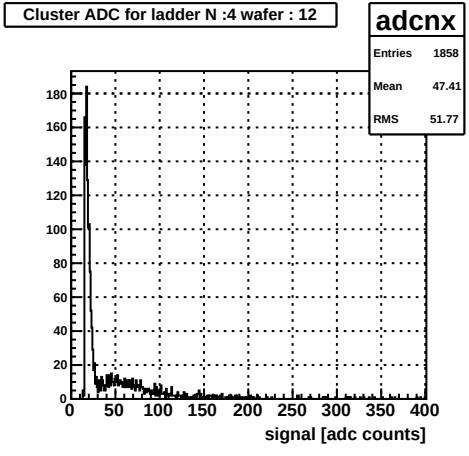

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 449
Mean 87.67
RMS 62.81
signal [adc counts]

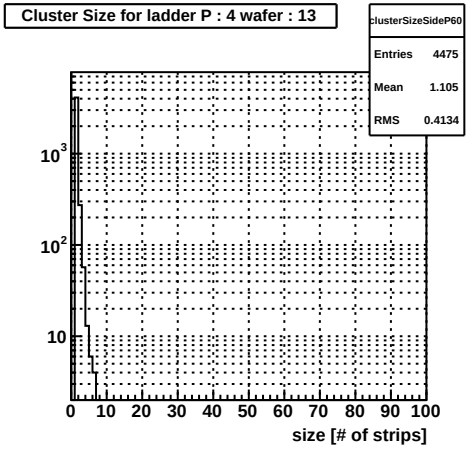

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 10381
Mean 1.013
RMS 0.1258
size [# of strips]

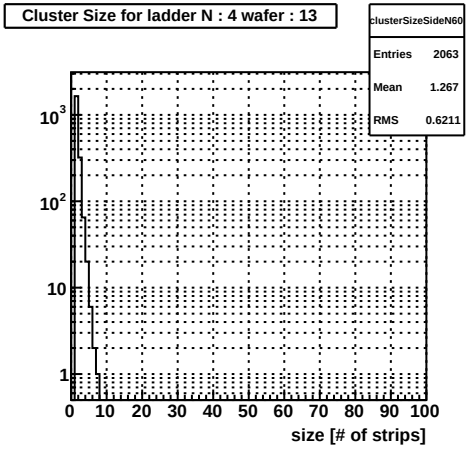

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 1858
Mean 1.297
RMS 0.6537
size [# of strips]

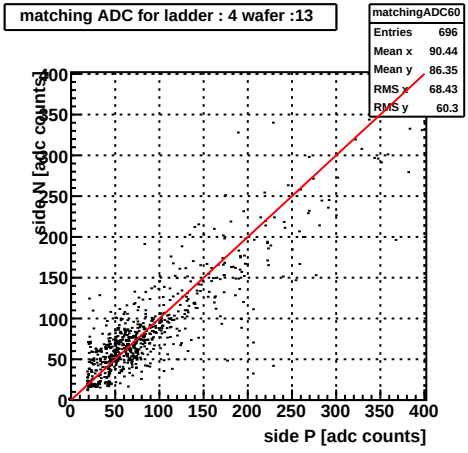

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 101
Mean x 56.92
Mean y 77.12
RMS x 50.85
RMS y 65.01
side N [adc counts]
side P [adc counts]

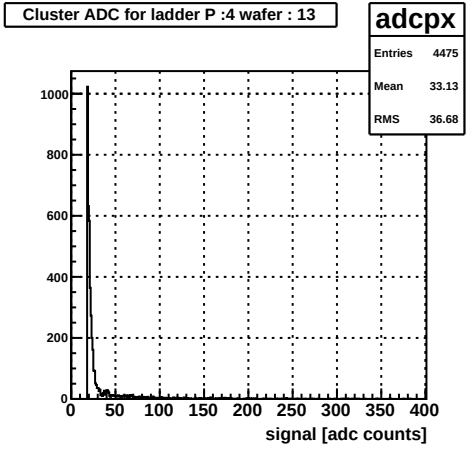

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 10381
Mean 22.85
RMS 8.14
signal [adc counts]

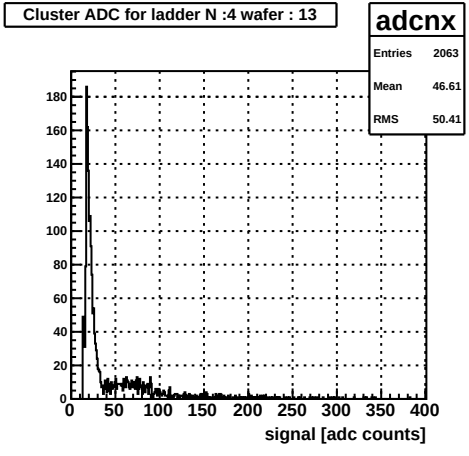

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 1858
Mean 47.41
RMS 51.77
signal [adc counts]

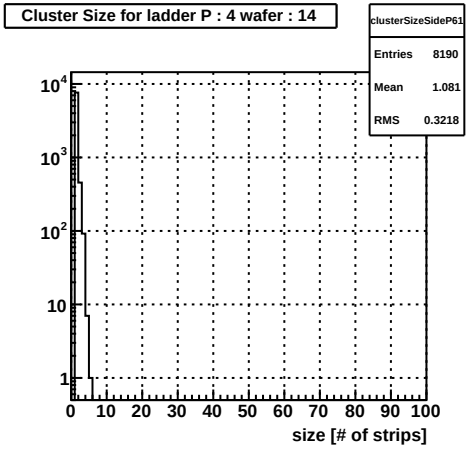

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 4475
Mean 1.105
RMS 0.4134
size [# of strips]

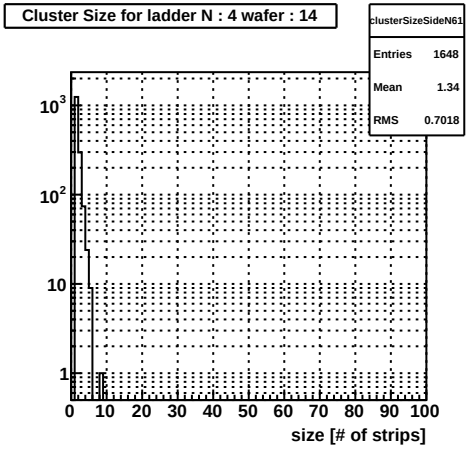

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 2063
Mean 1.267
RMS 0.6211
size [# of strips]

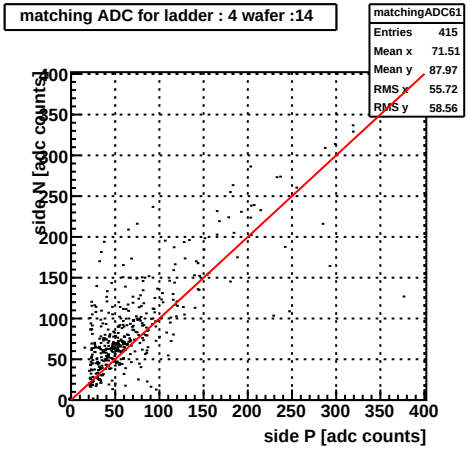

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 696
Mean x 90.44
Mean y 86.35
RMS x 68.43
RMS y 60.3
side N [adc counts]
side P [adc counts]

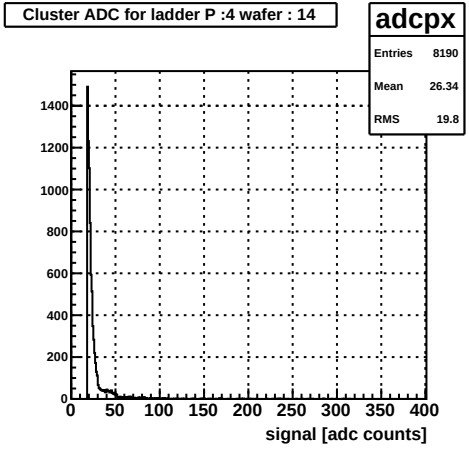

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 4475
Mean 33.13
RMS 36.68
signal [adc counts]

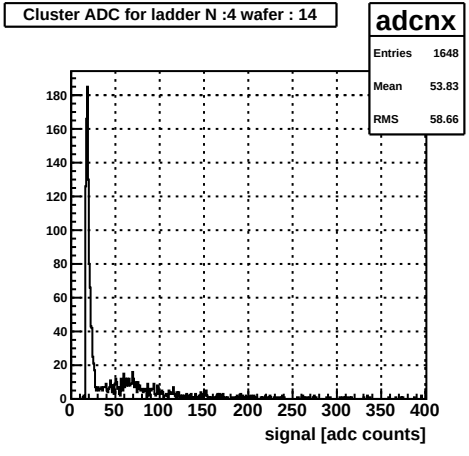

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 2063
Mean 46.61
RMS 50.41
signal [adc counts]

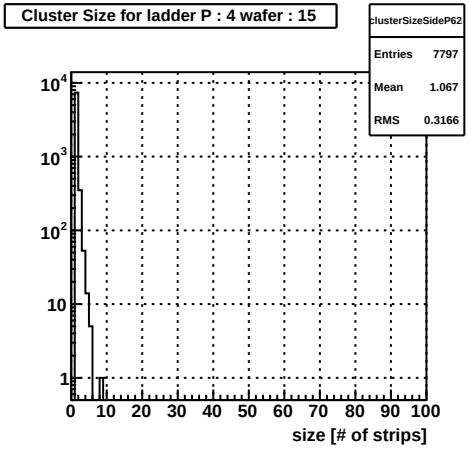

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 8190
Mean 1.081
RMS 0.3218
size [# of strips]

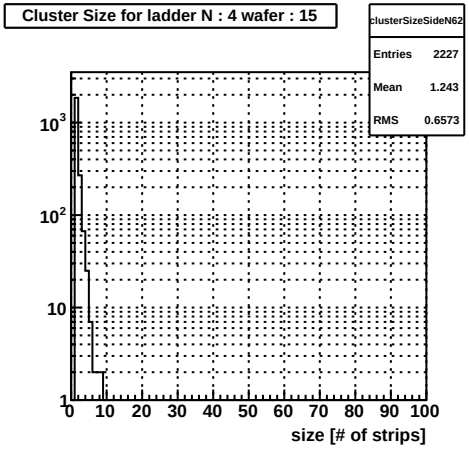

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 1648
Mean 1.34
RMS 0.7018
size [# of strips]

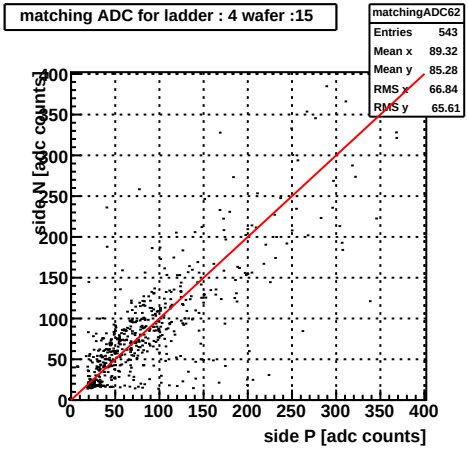

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 415
Mean x 71.51
Mean y 87.97
RMS x 55.72
RMS y 58.56
side N [adc counts]
side P [adc counts]

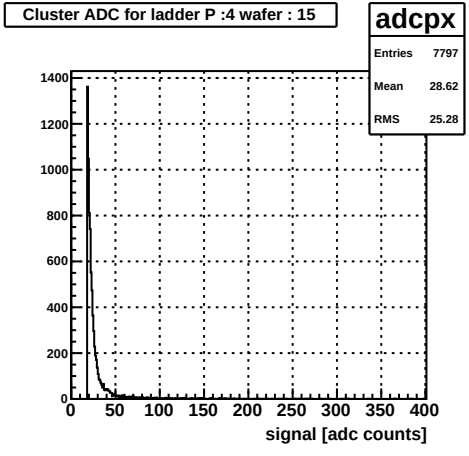

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 8190
Mean 26.34
RMS 19.8
signal [adc counts]

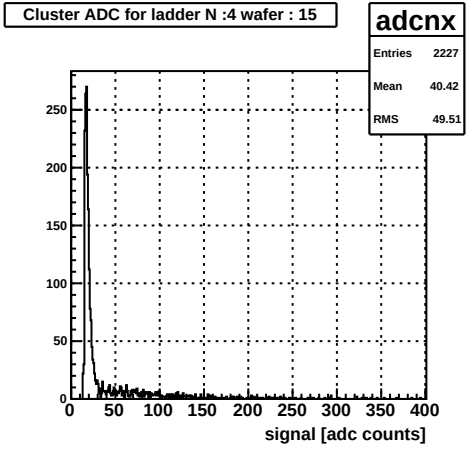

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 1648
Mean 53.83
RMS 58.66
signal [adc counts]

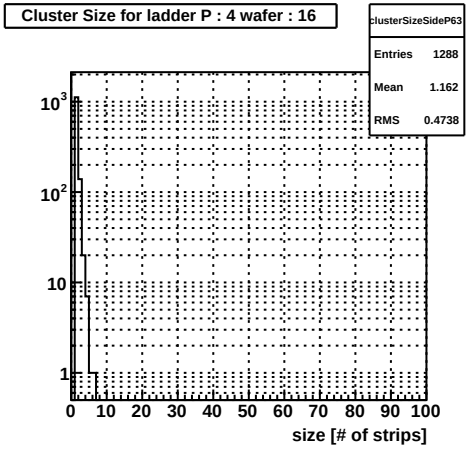

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 7797
Mean 1.067
RMS 0.3166
size [# of strips]

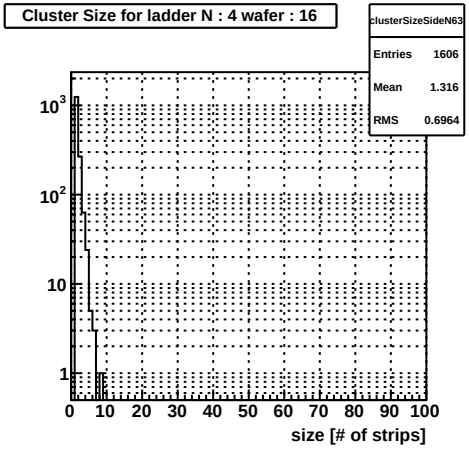

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 2227
Mean 1.243
RMS 0.6573
size [# of strips]

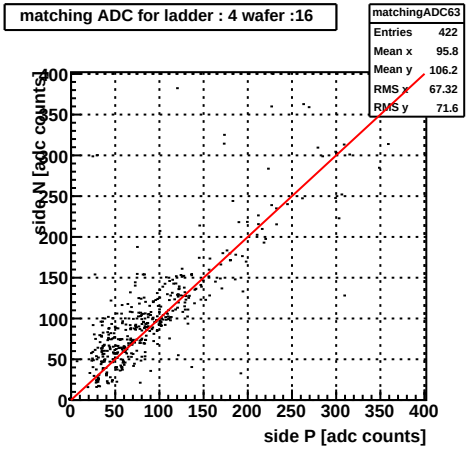

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 543
Mean x 89.32
Mean y 85.28
RMS x 66.84
RMS y 65.61
side N [adc counts]
side P [adc counts]

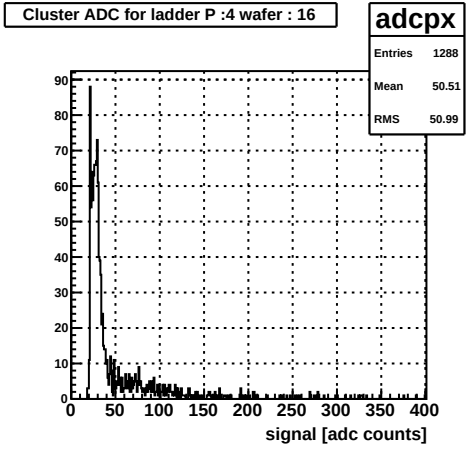

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 7797
Mean 28.62
RMS 25.28
signal [adc counts]

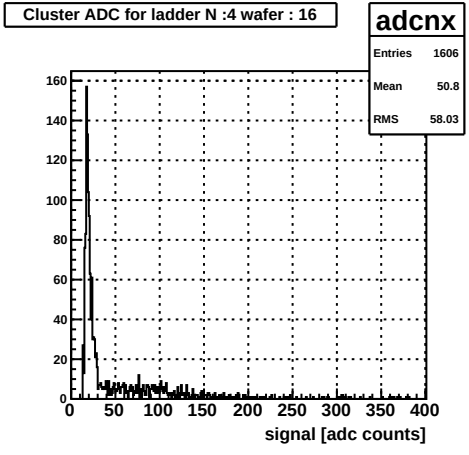

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 2227
Mean 40.42
RMS 49.51
signal [adc counts]

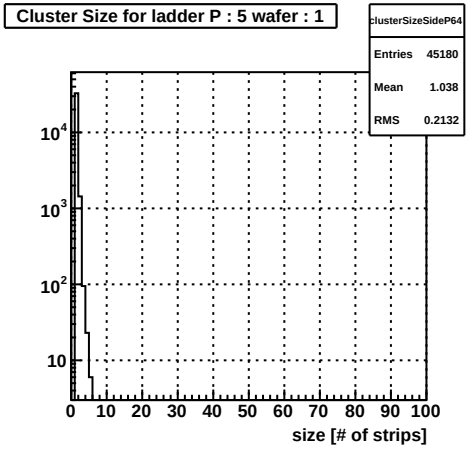

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 1288
Mean 1.162
RMS 0.4738
size [# of strips]

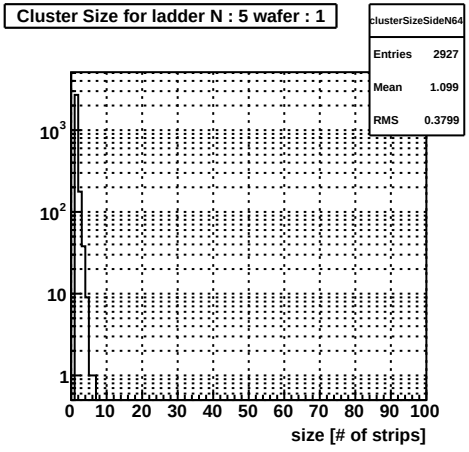

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 1606
Mean 1.316
RMS 0.6964
size [# of strips]

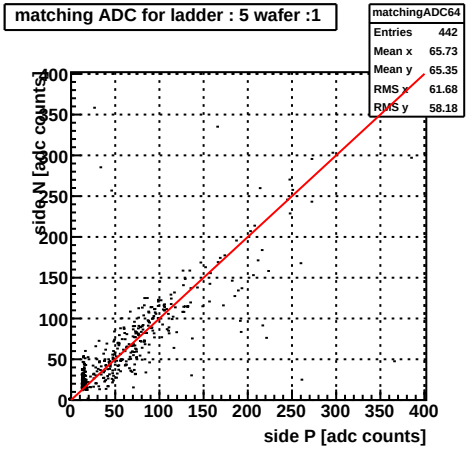

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 422
Mean x 95.8
Mean y 106.2
RMS x 67.32
RMS y 71.6
side N [adc counts]
side P [adc counts]

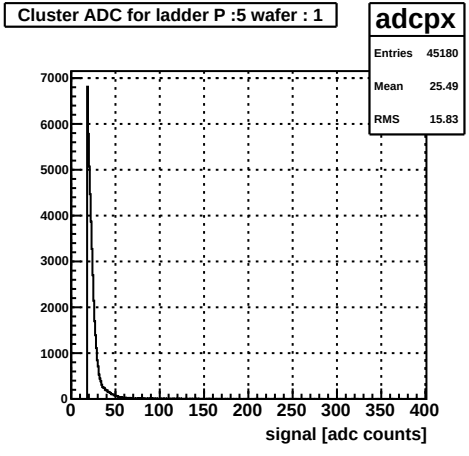

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 1288
Mean 50.51
RMS 50.99
signal [adc counts]

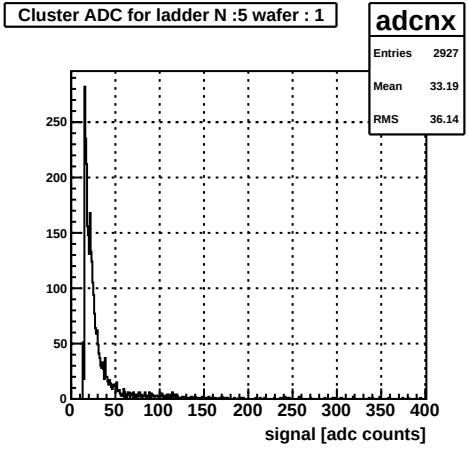

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 1606
Mean 50.8
RMS 58.03
signal [adc counts]

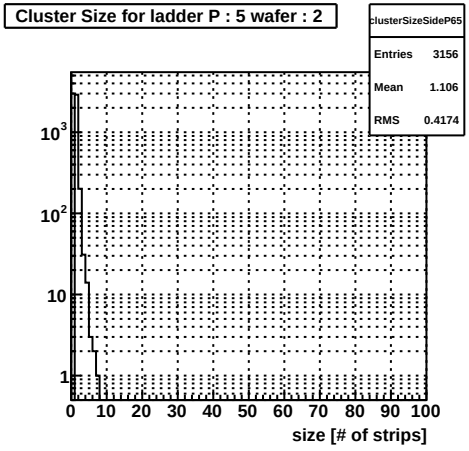

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 45180
Mean 1.038
RMS 0.2132
size [# of strips]

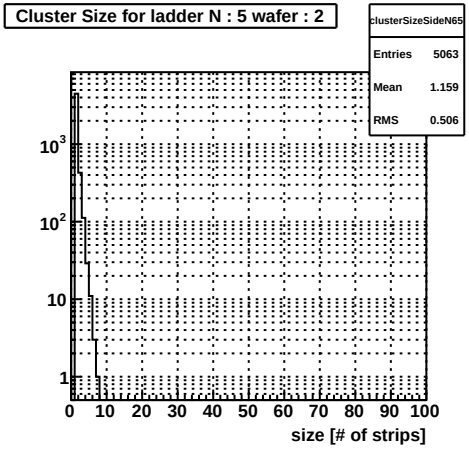

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 2927
Mean 1.099
RMS 0.3799
size [# of strips]

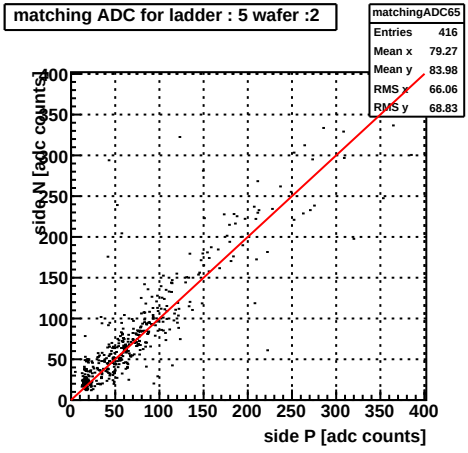

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 442
Mean x 65.73
Mean y 65.35
RMS x 61.68
RMS y 58.18
side N [adc counts]
side P [adc counts]

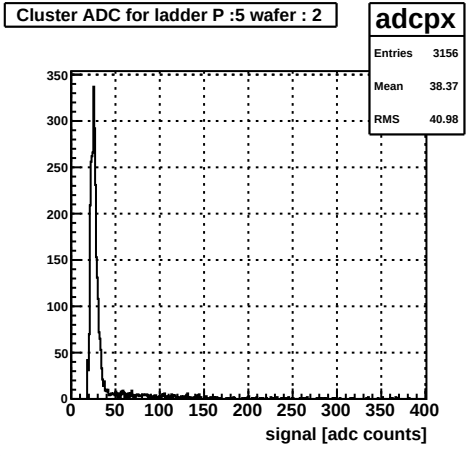

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 45180
Mean 25.49
RMS 15.83
signal [adc counts]

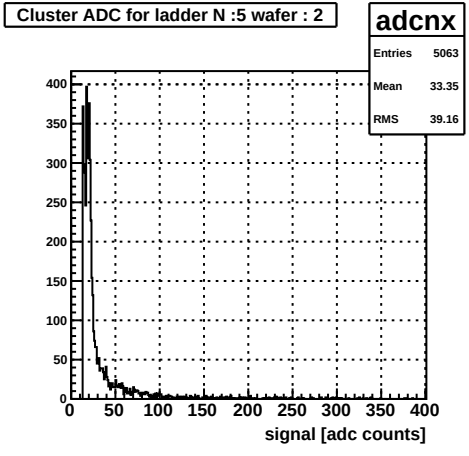

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 2927
Mean 33.19
RMS 36.14
signal [adc counts]

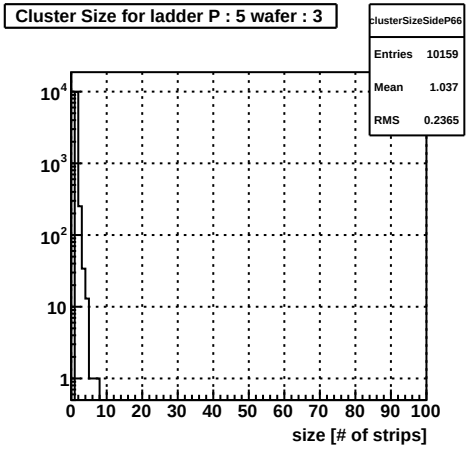

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 3156
Mean 1.106
RMS 0.4174
size [# of strips]

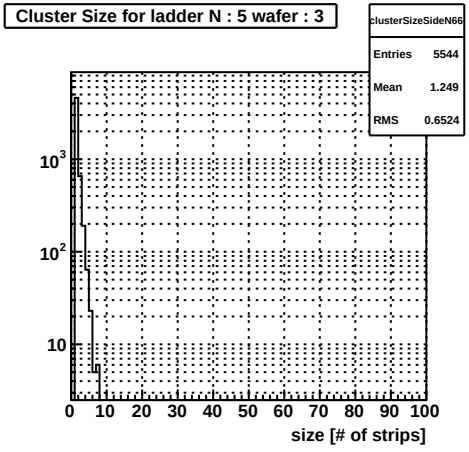

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 5063
Mean 1.159
RMS 0.506
size [# of strips]

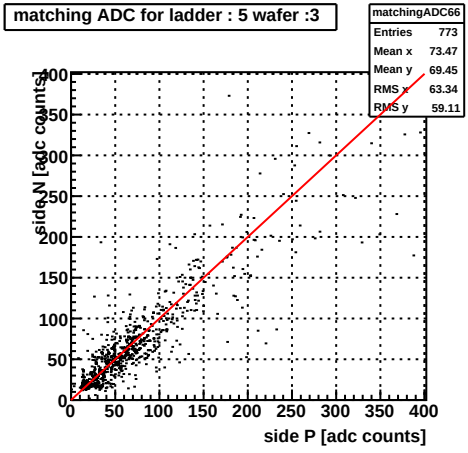

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 416
Mean x 79.27
Mean y 83.98
RMS x 66.06
RMS y 68.83
side N [adc counts]
side P [adc counts]

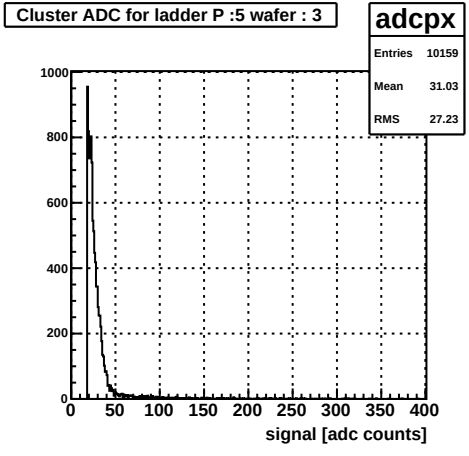

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 3156
Mean 38.37
RMS 40.98
signal [adc counts]

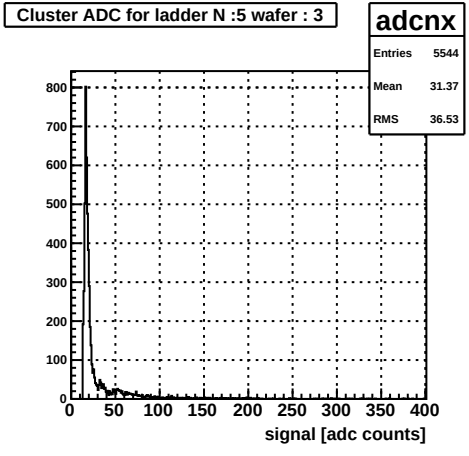

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 5063
Mean 33.35
RMS 39.16
signal [adc counts]

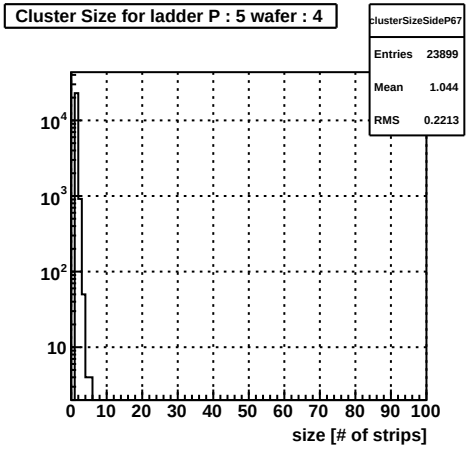

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 10159
Mean 1.037
RMS 0.2365
size [# of strips]

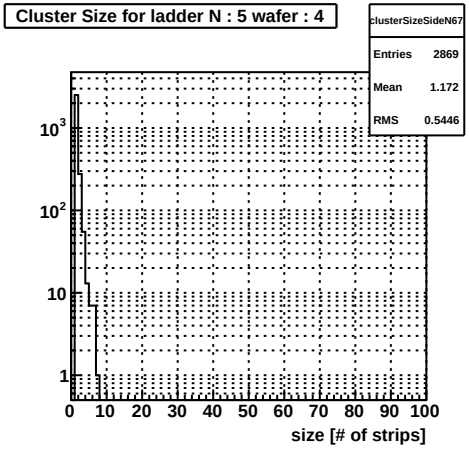

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 5544
Mean 1.249
RMS 0.6524
size [# of strips]

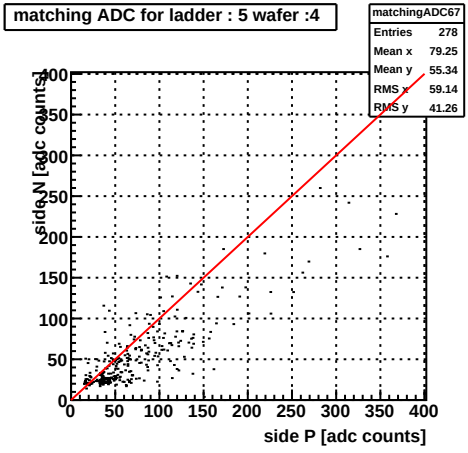

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 773
Mean x 73.47
Mean y 69.45
RMS x 63.34
RMS y 59.11
side N [adc counts]
side P [adc counts]

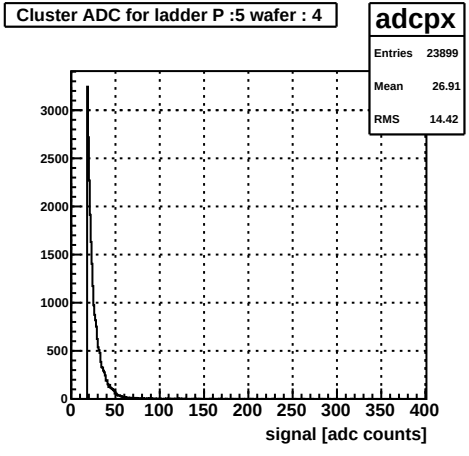

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 10159
Mean 31.03
RMS 27.23
signal [adc counts]

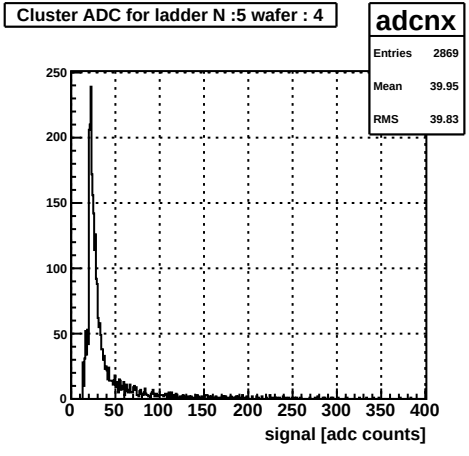

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 5544
Mean 31.37
RMS 36.53
signal [adc counts]

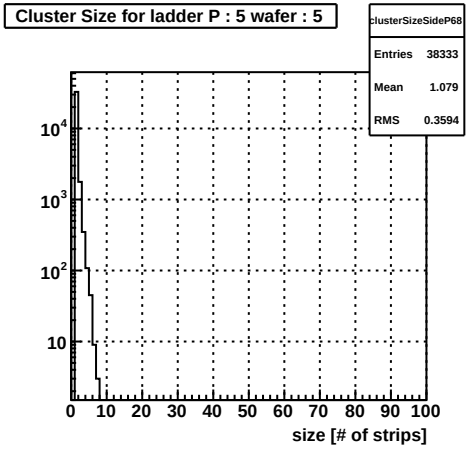

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 23899
Mean 1.044
RMS 0.2213
size [# of strips]

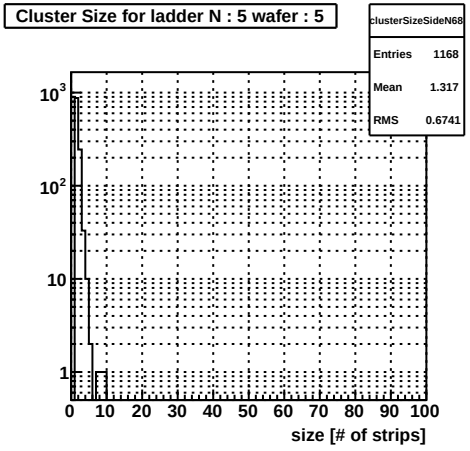

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 2869
Mean 1.172
RMS 0.5446
size [# of strips]

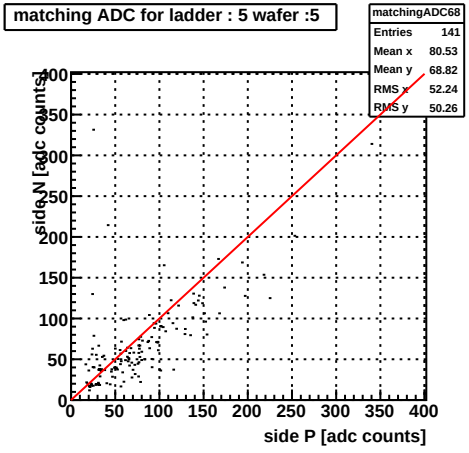

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 278
Mean x 79.25
Mean y 55.34
RMS x 59.14
RMS y 41.26
side N [adc counts]
side P [adc counts]

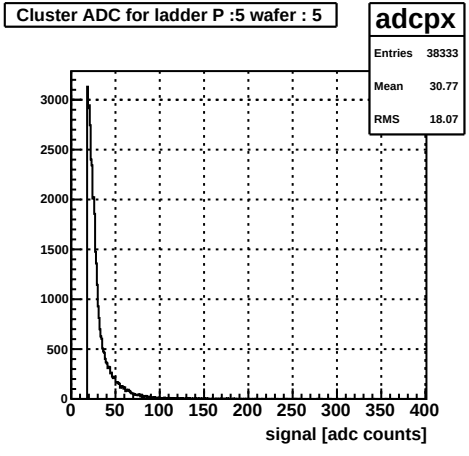

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 23899
Mean 26.91
RMS 14.42
signal [adc counts]

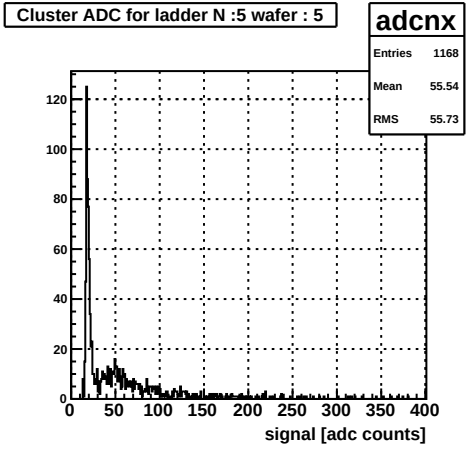

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 2869
Mean 39.95
RMS 39.83
signal [adc counts]

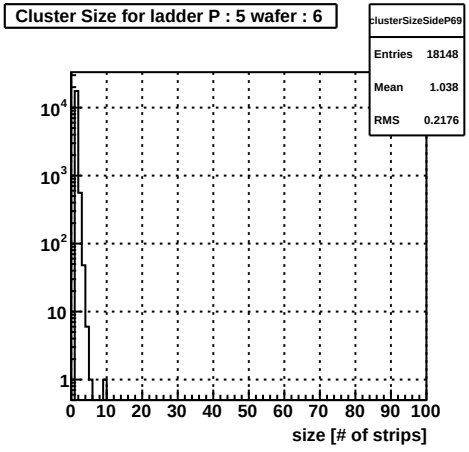

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 38333
Mean 1.079
RMS 0.3594
size [# of strips]

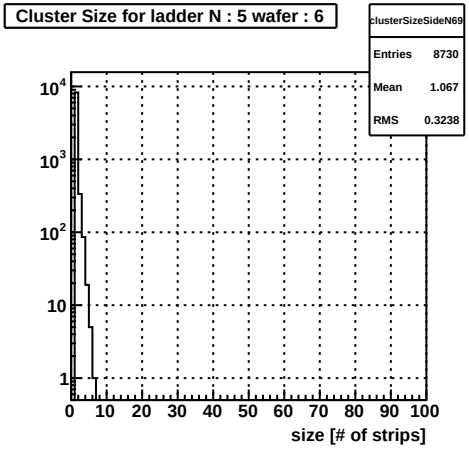

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 1168
Mean 1.317
RMS 0.6741
size [# of strips]

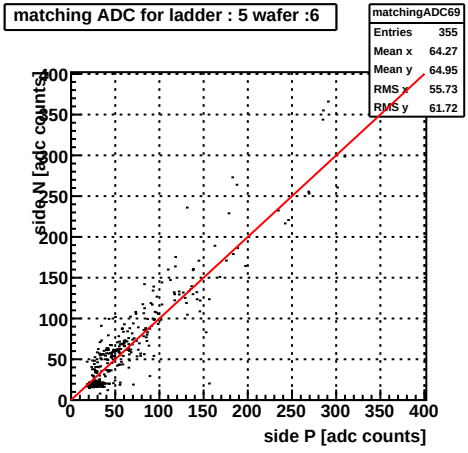

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 141
Mean x 80.53
Mean y 68.82
RMS x 52.24
RMS y 50.26
side N [adc counts]
side P [adc counts]

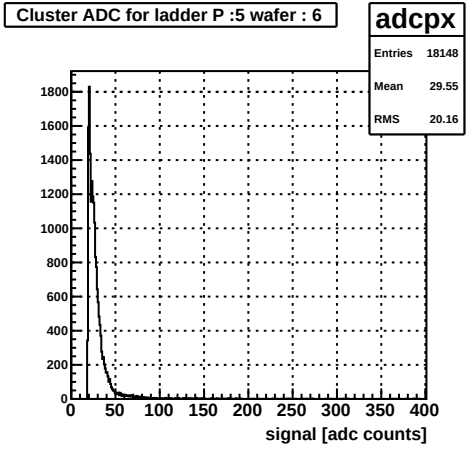

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 38333
Mean 30.77
RMS 18.07
signal [adc counts]

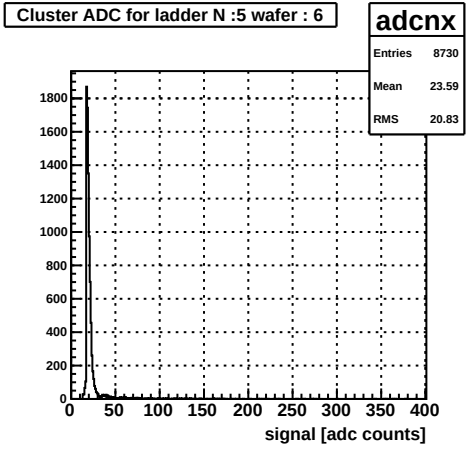

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 1168
Mean 55.54
RMS 55.73
signal [adc counts]

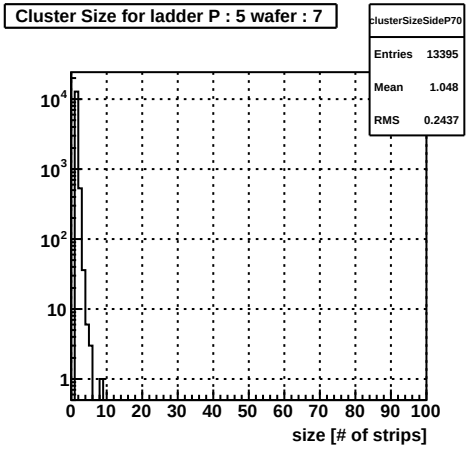

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 18148
Mean 1.038
RMS 0.2176
size [# of strips]

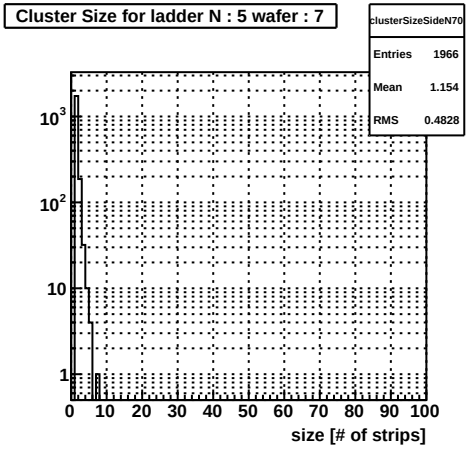

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 8730
Mean 1.067
RMS 0.3238
size [# of strips]

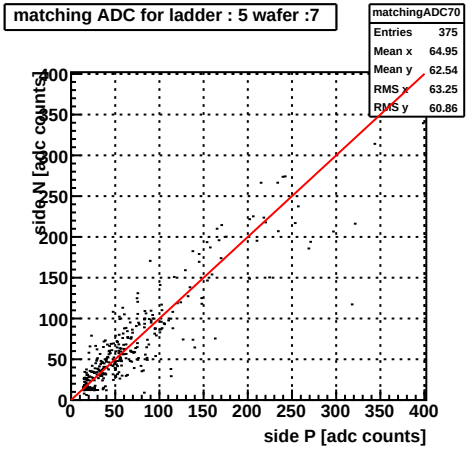

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 355
Mean x 64.27
Mean y 64.95
RMS x 55.73
RMS y 61.72
side N [adc counts]
side P [adc counts]

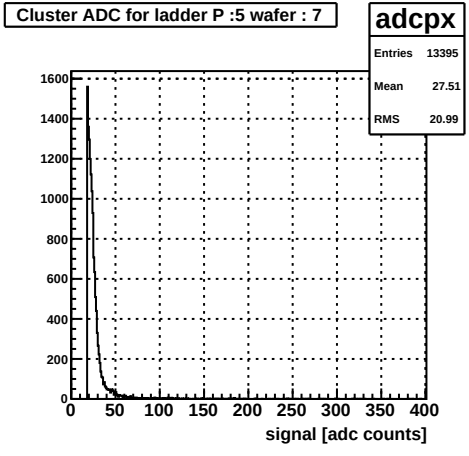

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 18148
Mean 29.55
RMS 20.16
signal [adc counts]

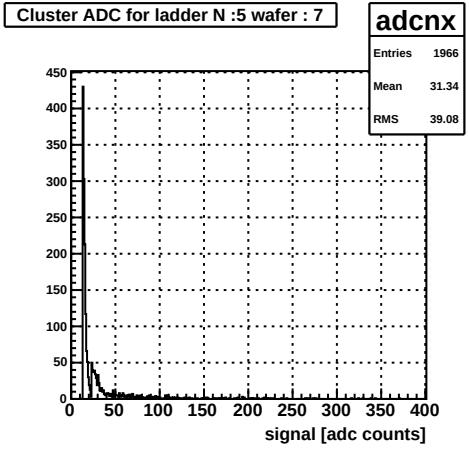

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 8730
Mean 23.59
RMS 20.83
signal [adc counts]

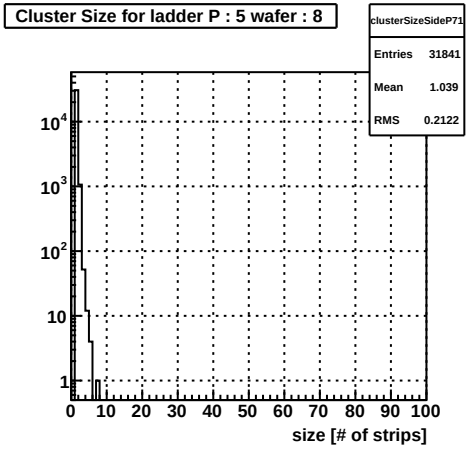

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 13395
Mean 1.048
RMS 0.2437
size [# of strips]

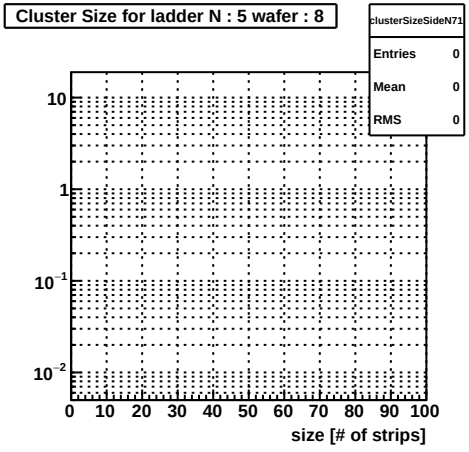

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1966
Mean 1.154
RMS 0.4828
size [# of strips]

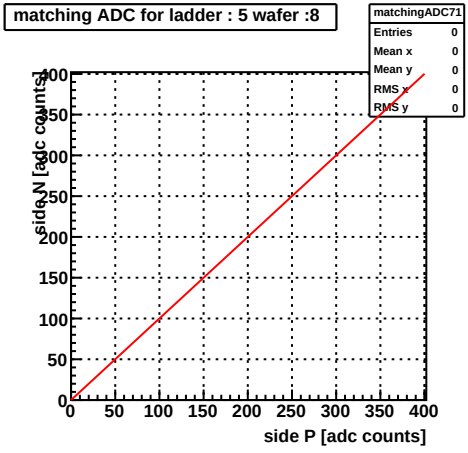

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 375
Mean x 64.95
Mean y 62.54
RMS x 63.25
RMS y 60.86
side N [adc counts]
side P [adc counts]

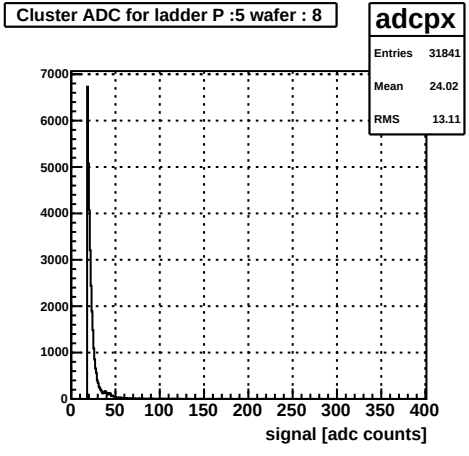

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 13395
Mean 27.51
RMS 20.99
signal [adc counts]

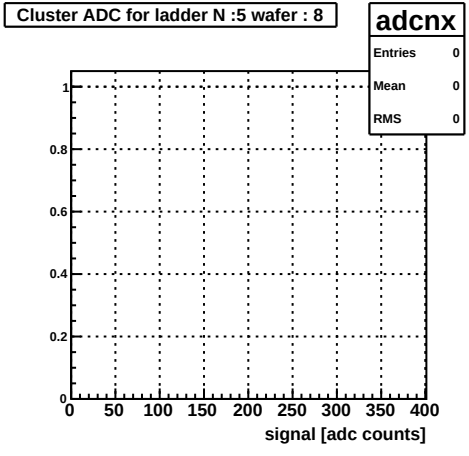

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1966
Mean 31.34
RMS 39.08
signal [adc counts]

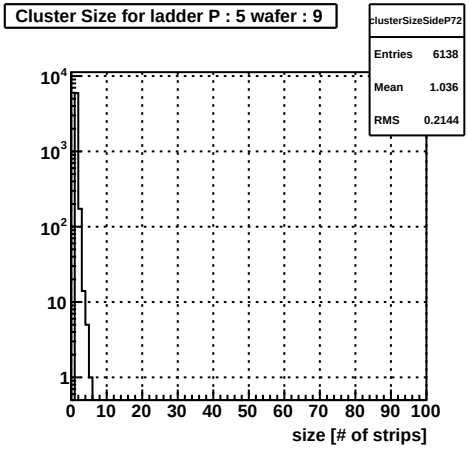

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 31841
Mean 1.039
RMS 0.2122
size [# of strips]

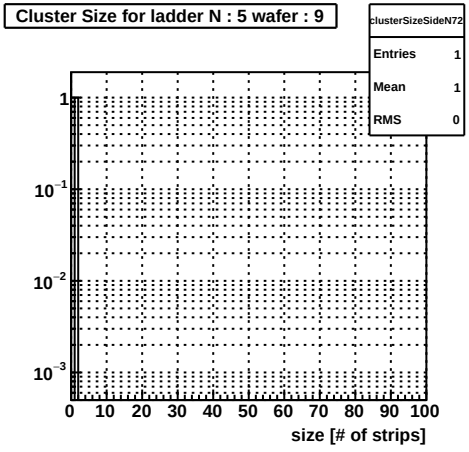

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

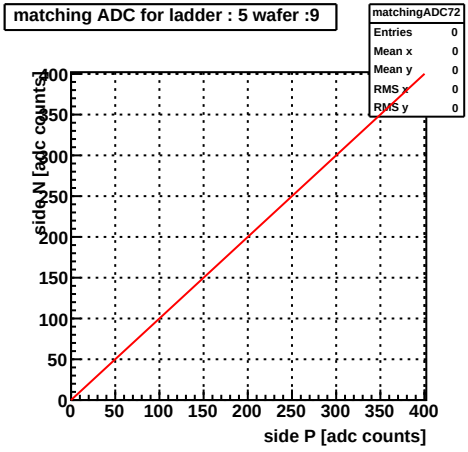

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

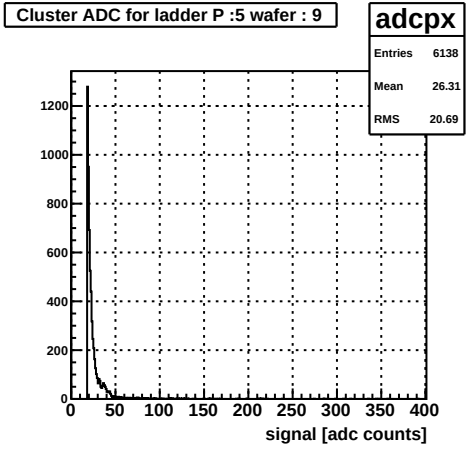

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 31841
Mean 24.02
RMS 13.11
signal [adc counts]

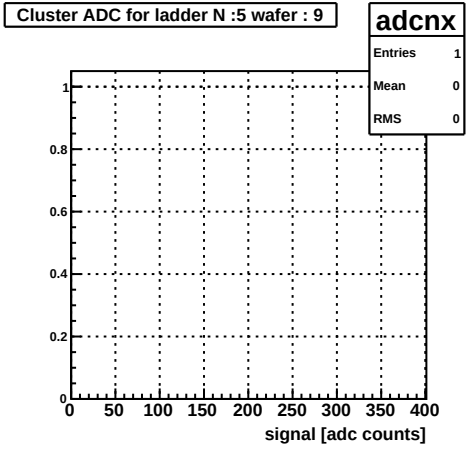

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

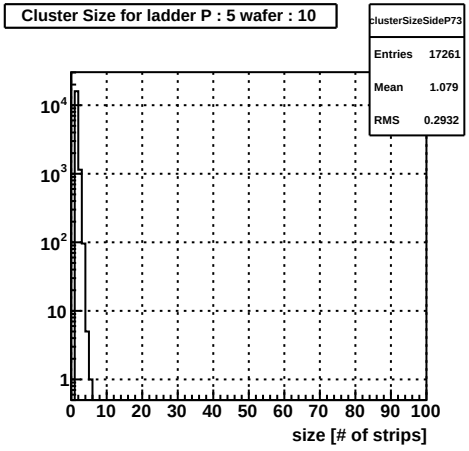

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 6138
Mean 1.036
RMS 0.2144
size [# of strips]

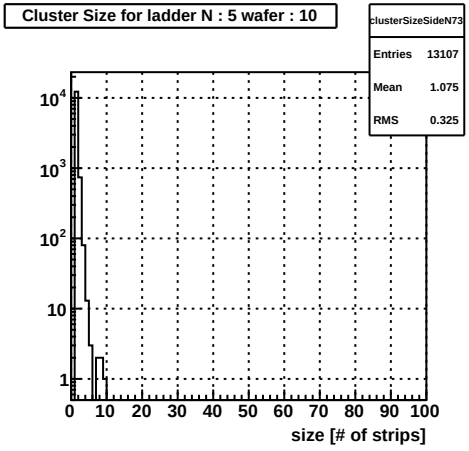

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 1
Mean 1
RMS 0
size [# of strips]

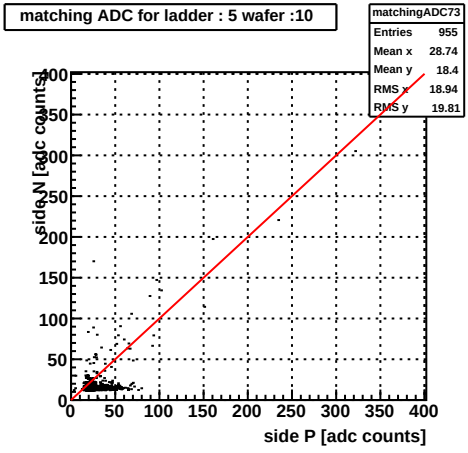

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

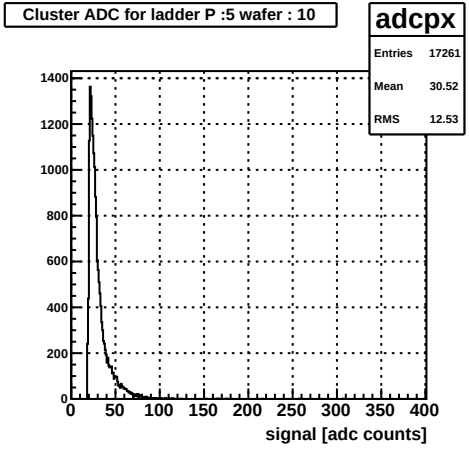

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 6138
Mean 26.31
RMS 20.69
signal [adc counts]

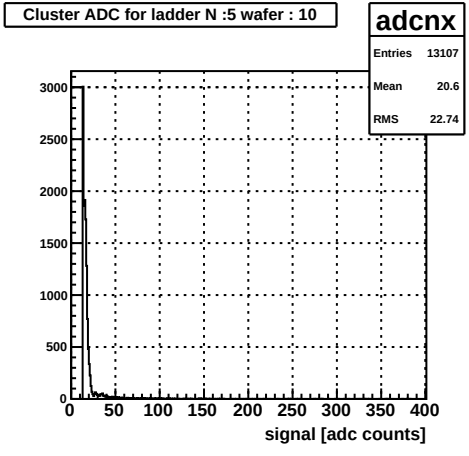

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

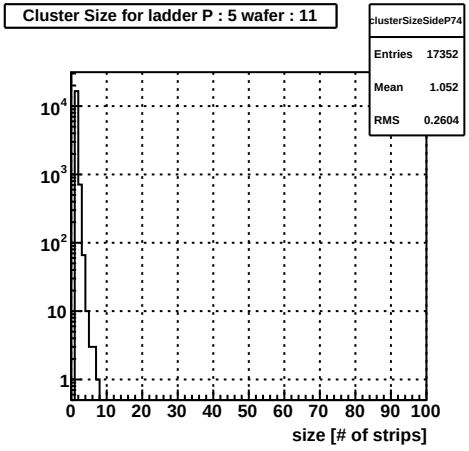

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 17261
Mean 1.079
RMS 0.2932
size [# of strips]

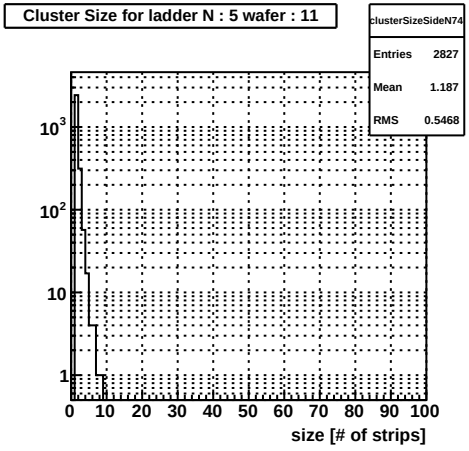

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 13107
Mean 1.075
RMS 0.325
size [# of strips]

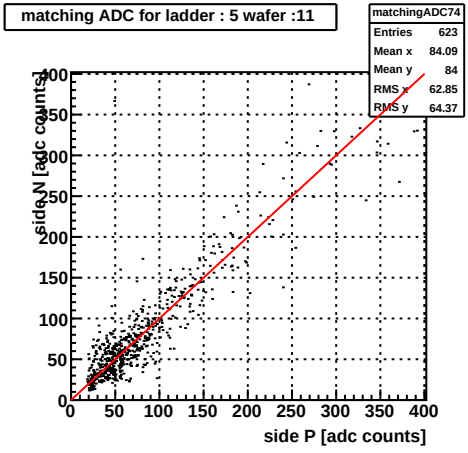

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 955
Mean x 28.74
Mean y 18.4
RMS x 18.94
RMS y 19.81
side N [adc counts]
side P [adc counts]

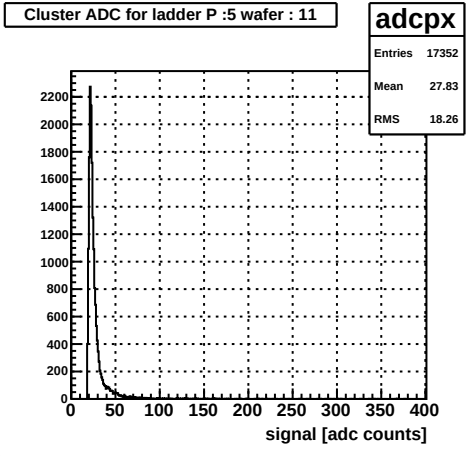

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 17261
Mean 30.52
RMS 12.53
signal [adc counts]

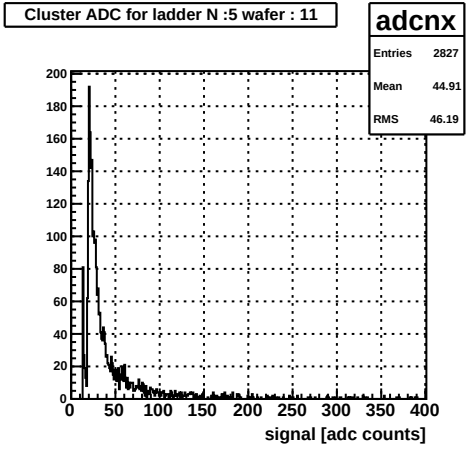

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 13107
Mean 20.6
RMS 22.74
signal [adc counts]

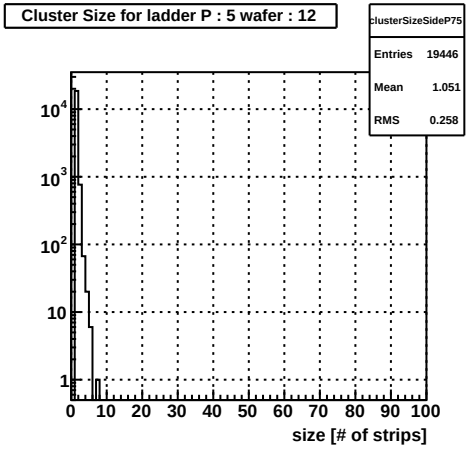

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 17352
Mean 1.052
RMS 0.2604
size [# of strips]

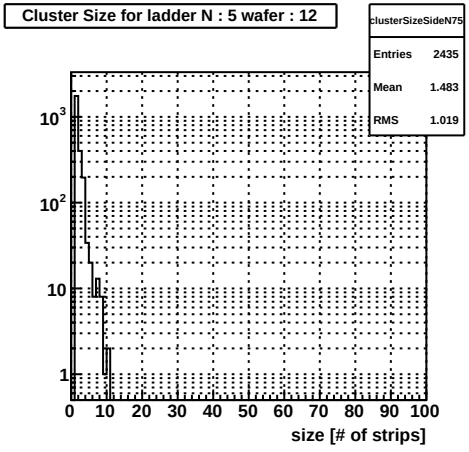

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 2827
Mean 1.187
RMS 0.5468
size [# of strips]

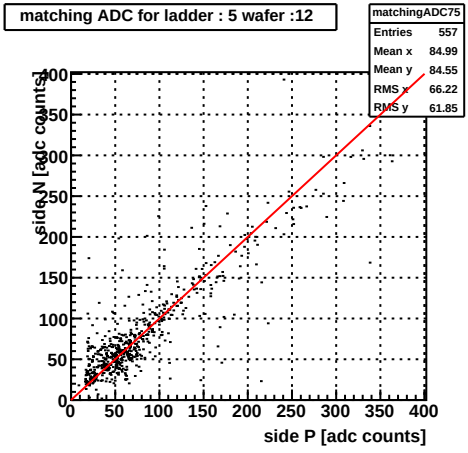

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 623
Mean x 84.09
Mean y 84
RMS x 62.85
RMS y 64.37
side N [adc counts]
side P [adc counts]

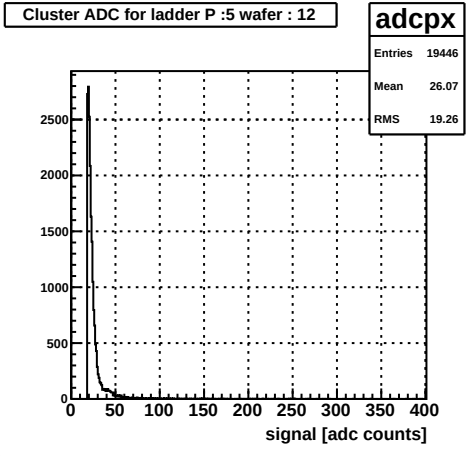

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 17352
Mean 27.83
RMS 18.26
signal [adc counts]

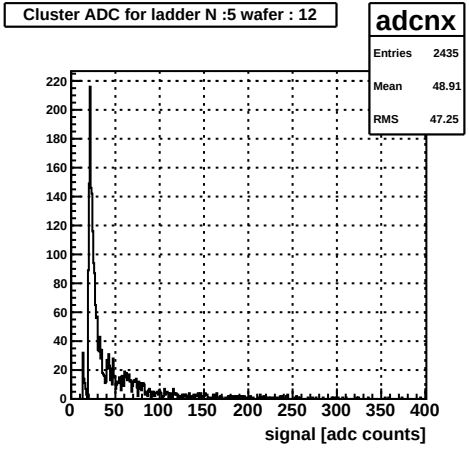

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 2827
Mean 44.91
RMS 46.19
signal [adc counts]

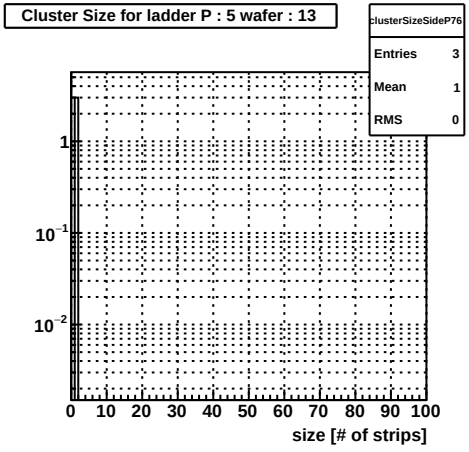

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 19446
Mean 1.051
RMS 0.258
size [# of strips]

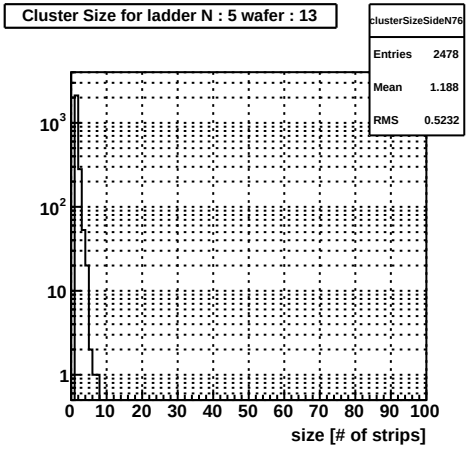

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 2435
Mean 1.483
RMS 1.019
size [# of strips]

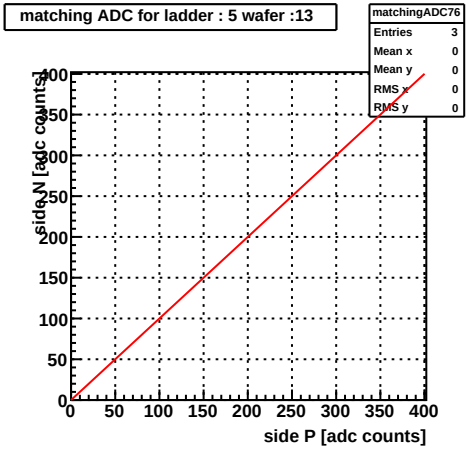

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 557
Mean x 84.99
Mean y 84.55
RMS x 66.22
RMS y 61.85
side N [adc counts]
side P [adc counts]

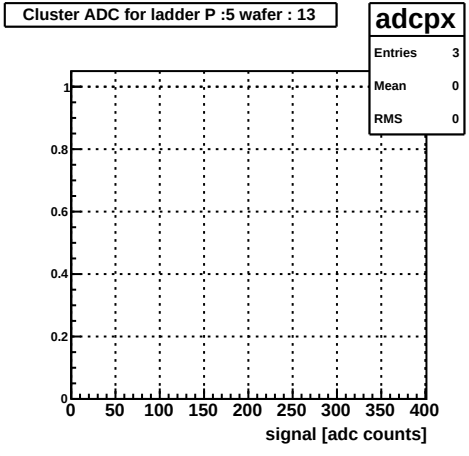

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 19446
Mean 26.07
RMS 19.26
signal [adc counts]

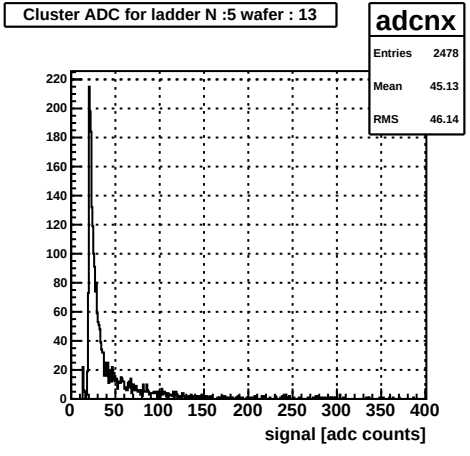

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 2435
Mean 48.91
RMS 47.25
signal [adc counts]

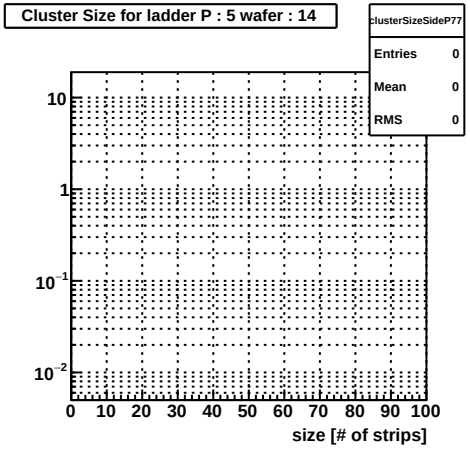

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 3
Mean 1
RMS 0
size [# of strips]

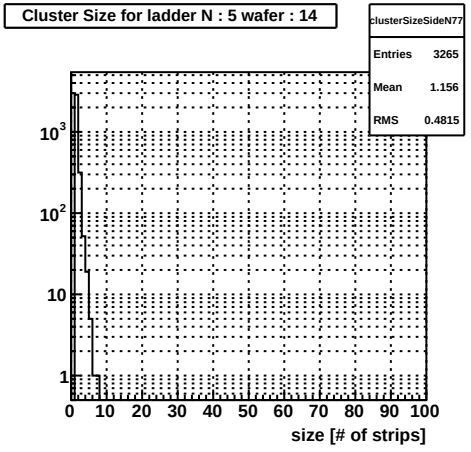

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 2478
Mean 1.188
RMS 0.5232
size [# of strips]

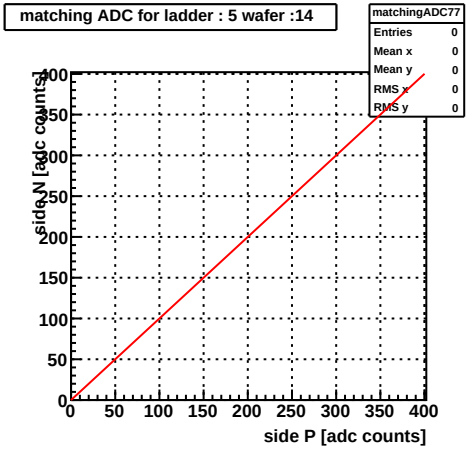

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

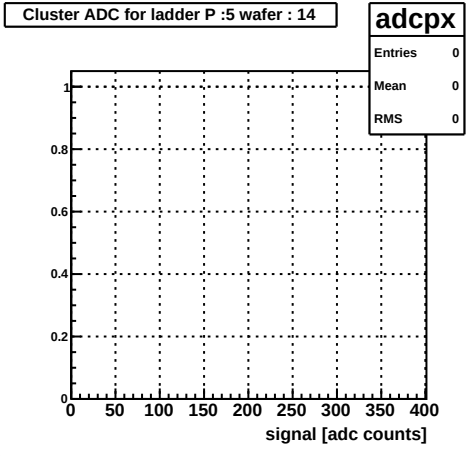

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

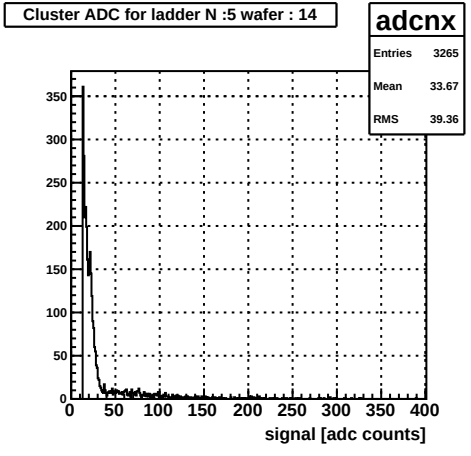

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 2478
Mean 45.13
RMS 46.14
signal [adc counts]

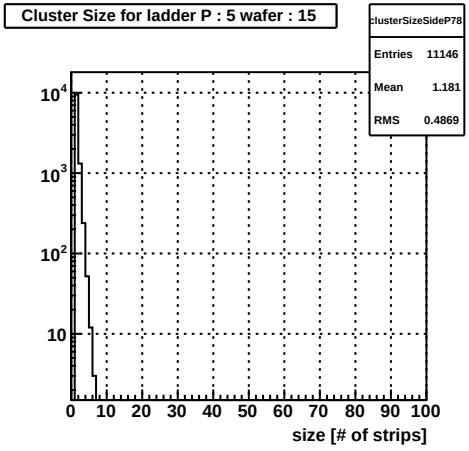

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

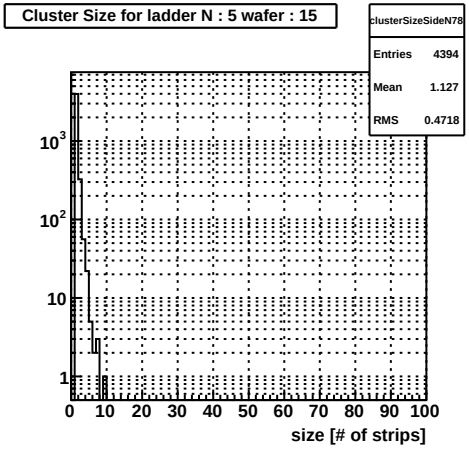

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 3265
Mean 1.156
RMS 0.4815
size [# of strips]

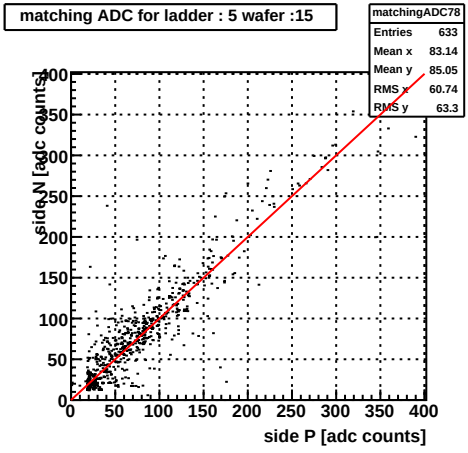

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

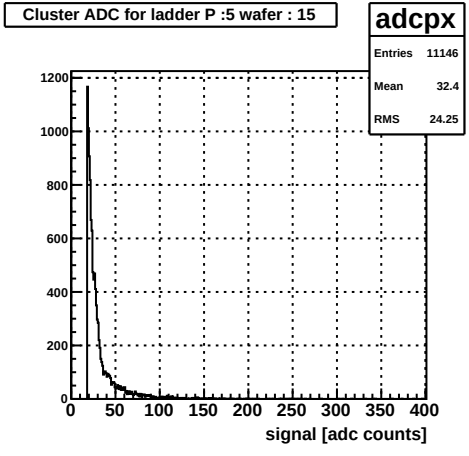

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

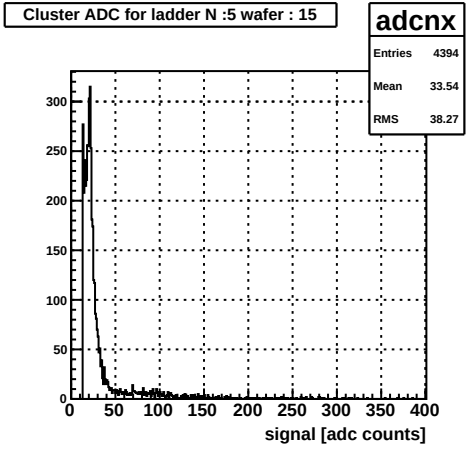

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 3265
Mean 33.67
RMS 39.36
signal [adc counts]

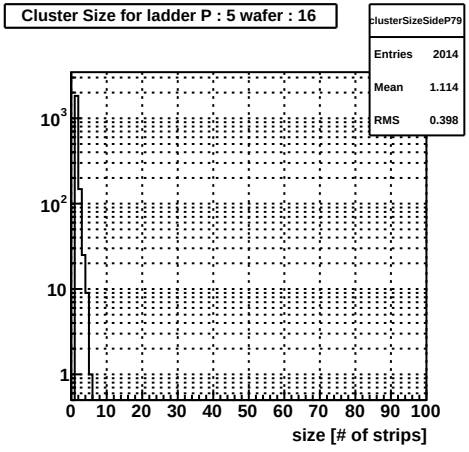

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 11146
Mean 1.181
RMS 0.4869
size [# of strips]

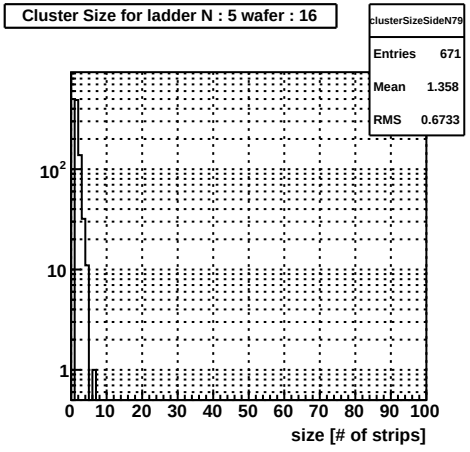

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 4394
Mean 1.127
RMS 0.4718
size [# of strips]

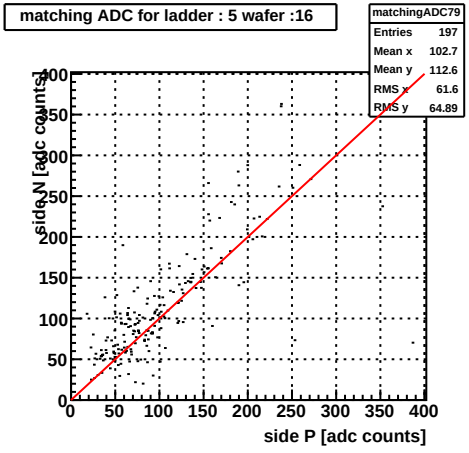

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 633
Mean x 83.14
Mean y 85.05
RMS x 60.74
RMS y 63.3
side N [adc counts]
side P [adc counts]

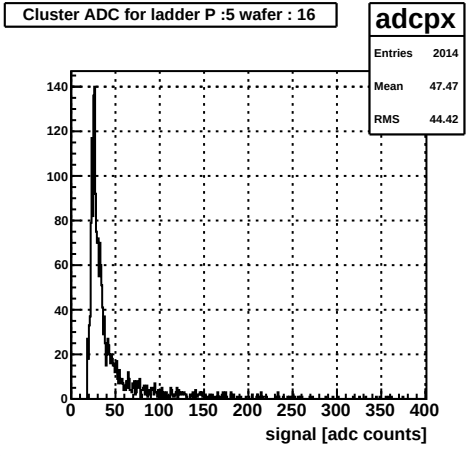

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 11146
Mean 32.4
RMS 24.25
signal [adc counts]

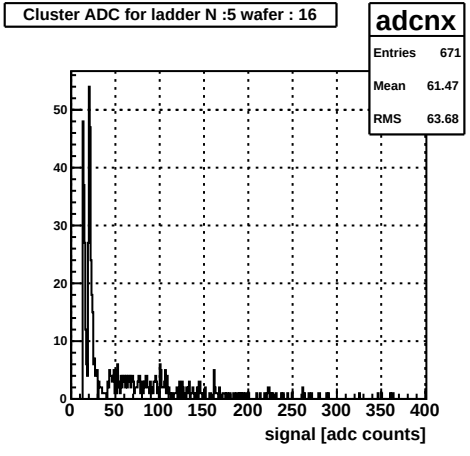

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 4394
Mean 33.54
RMS 38.27
signal [adc counts]

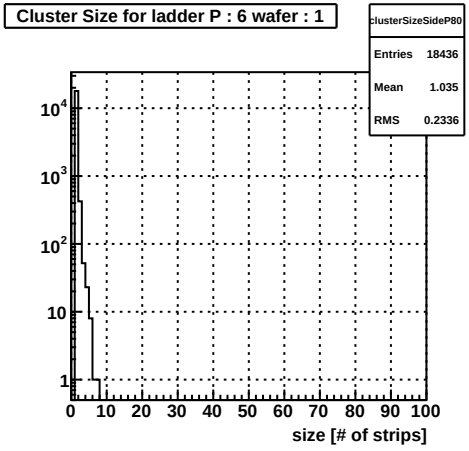

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 2014
Mean 1.114
RMS 0.398
size [# of strips]

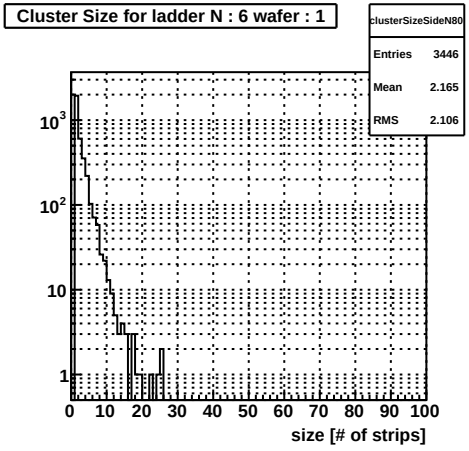

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 671
Mean 1.358
RMS 0.6733
size [# of strips]

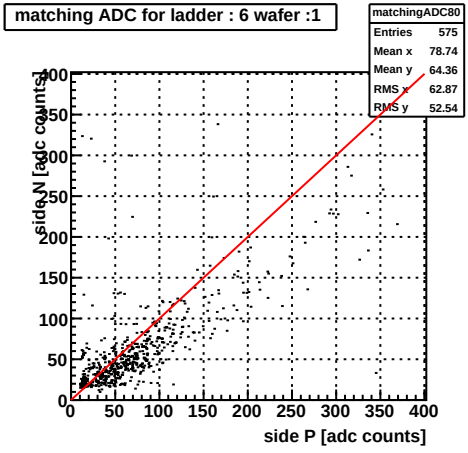

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 197
Mean x 102.7
Mean y 112.6
RMS x 61.6
RMS y 64.89
side N [adc counts]
side P [adc counts]

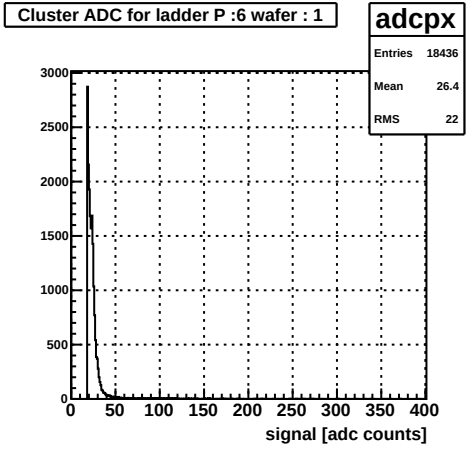

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 2014
Mean 47.47
RMS 44.42
signal [adc counts]

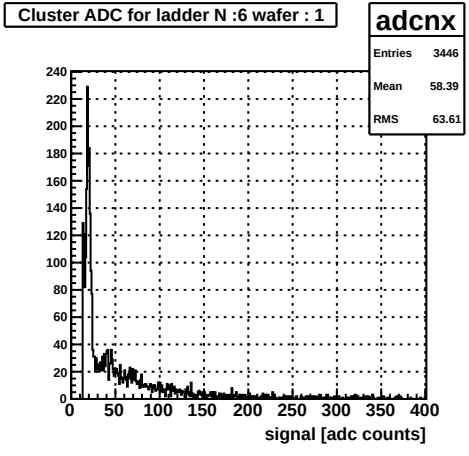

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 671
Mean 61.47
RMS 63.68
signal [adc counts]

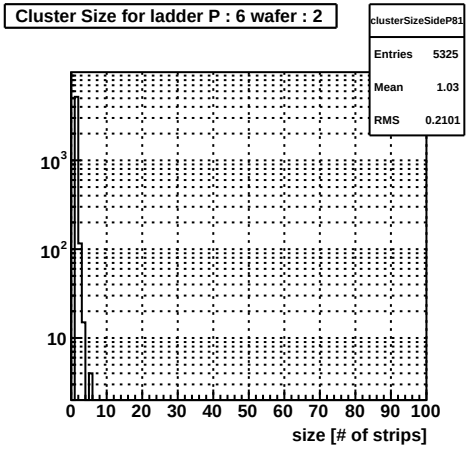

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 18436
Mean 1.035
RMS 0.2336
size [# of strips]

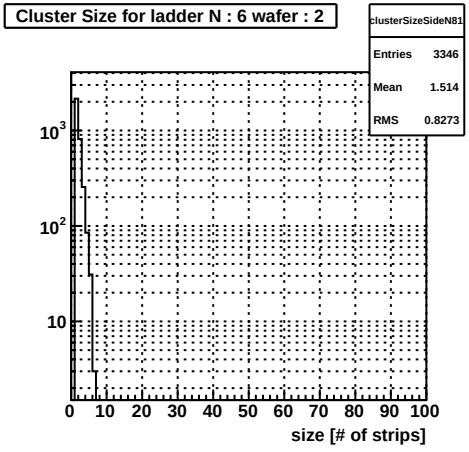

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 3446
Mean 2.165
RMS 2.106
size [# of strips]

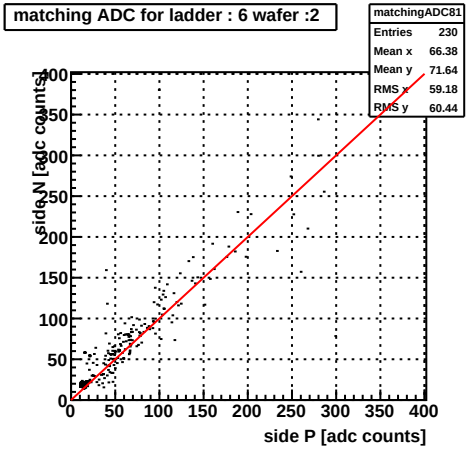

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 575
Mean x 78.74
Mean y 64.36
RMS x 62.87
RMS y 52.54
side N [adc counts]
side P [adc counts]

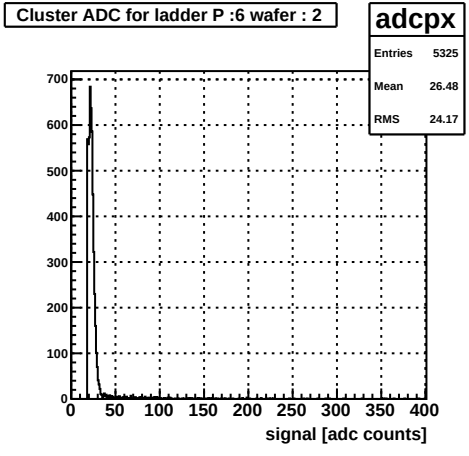

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 18436
Mean 26.4
RMS 22
signal [adc counts]

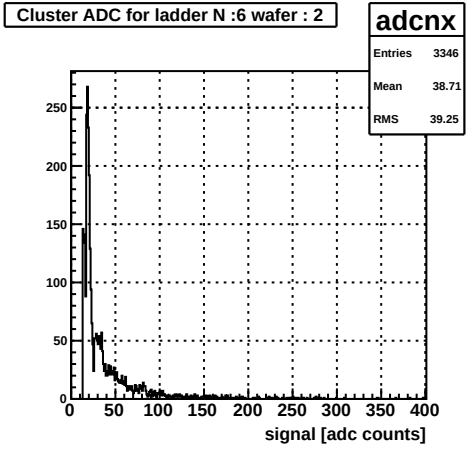

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 3446
Mean 58.39
RMS 63.61
signal [adc counts]

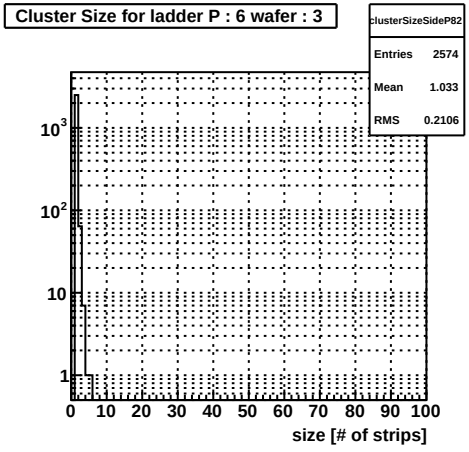

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 5325
Mean 1.03
RMS 0.2101
size [# of strips]

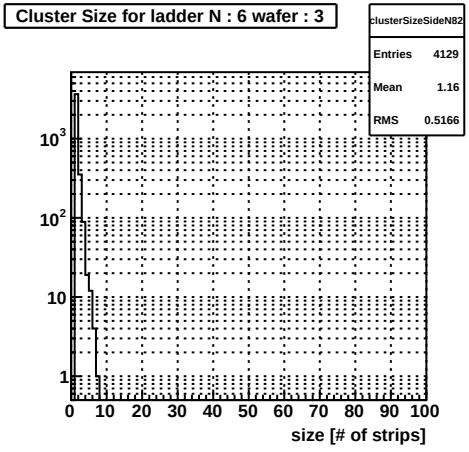

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 3346
Mean 1.514
RMS 0.8273
size [# of strips]

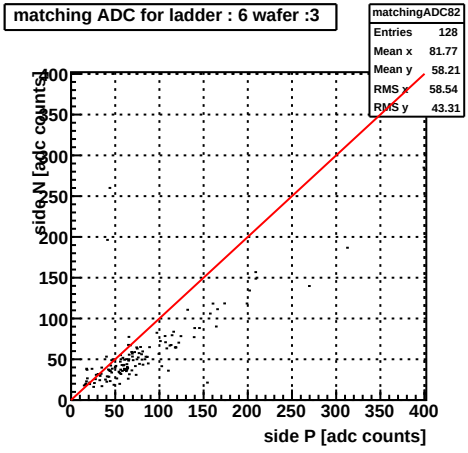

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 230
Mean x 66.38
Mean y 71.64
RMS x 59.18
RMS y 60.44
side N [adc counts]
side P [adc counts]

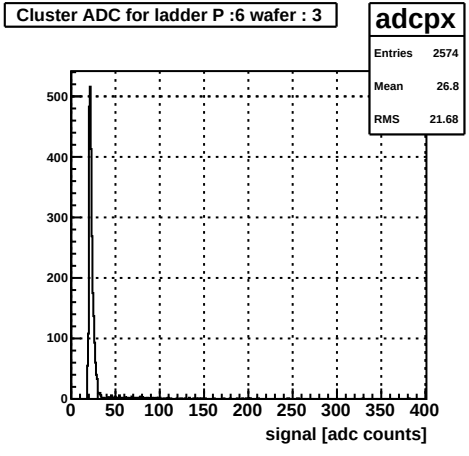

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 5325
Mean 26.48
RMS 24.17
signal [adc counts]

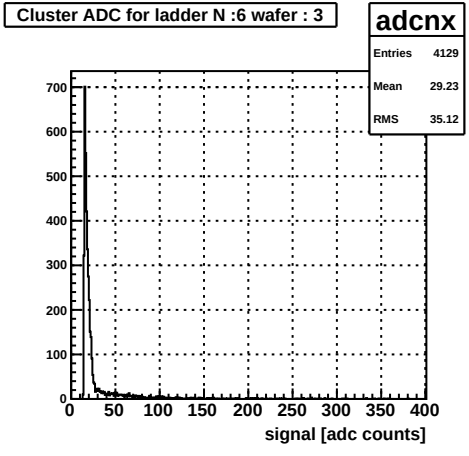

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 3346
Mean 38.71
RMS 39.25
signal [adc counts]

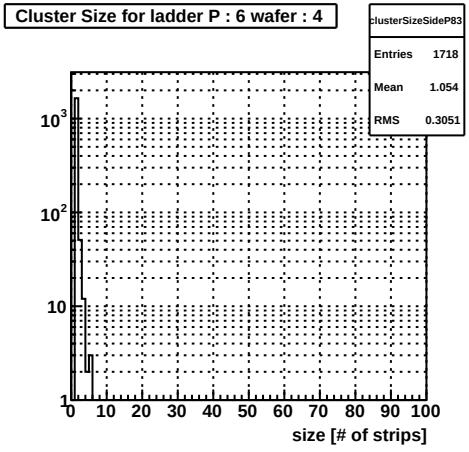

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 2574
Mean 1.033
RMS 0.2106
size [# of strips]

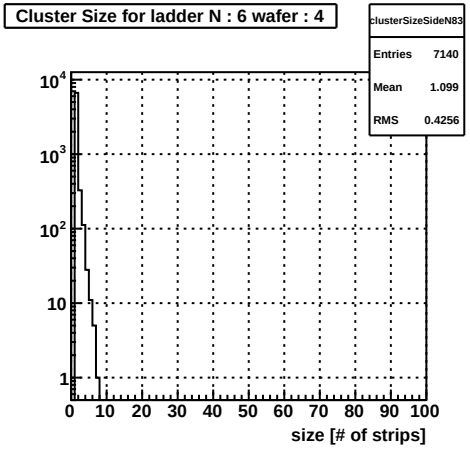

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 4129
Mean 1.16
RMS 0.5166
size [# of strips]

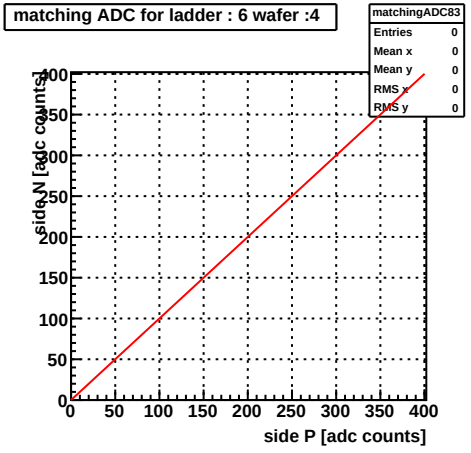

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 128
Mean x 81.77
Mean y 58.21
RMS x 58.54
RMS y 43.31
side N [adc counts]
side P [adc counts]

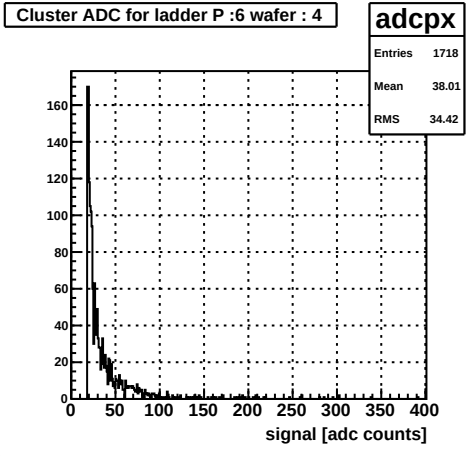

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 2574
Mean 26.8
RMS 21.68
signal [adc counts]

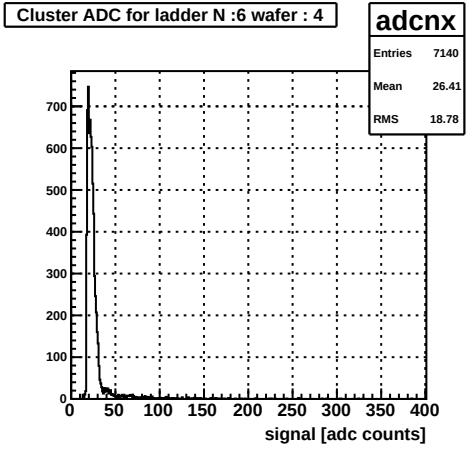

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 4129
Mean 29.23
RMS 35.12
signal [adc counts]

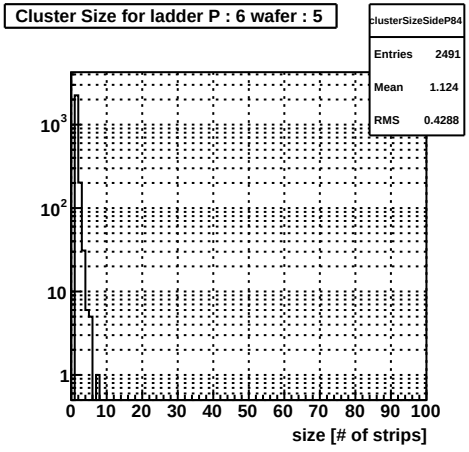

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 1718
Mean 1.054
RMS 0.3051
size [# of strips]

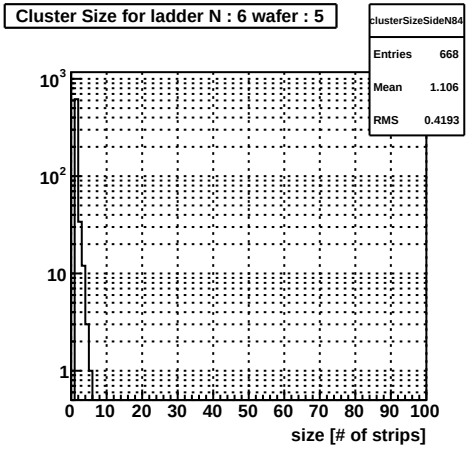

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 7140
Mean 1.099
RMS 0.4256
size [# of strips]

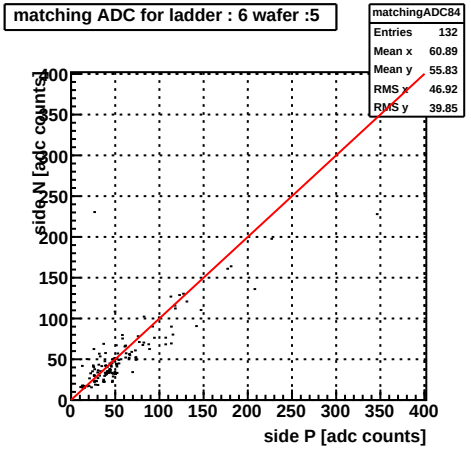

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

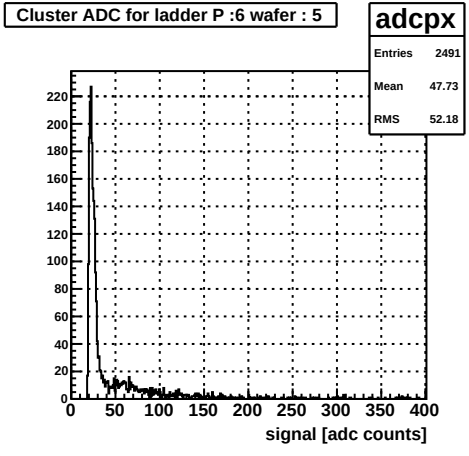

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 1718
Mean 38.01
RMS 34.42
signal [adc counts]

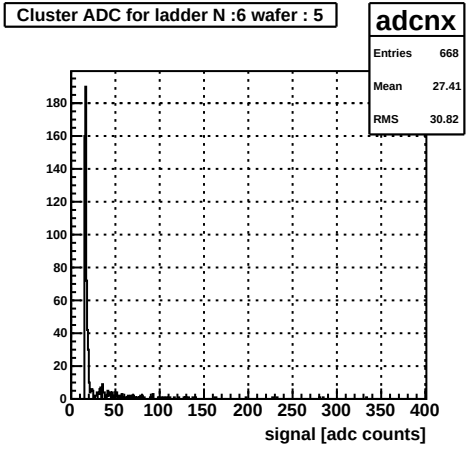

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 7140
Mean 26.41
RMS 18.78
signal [adc counts]

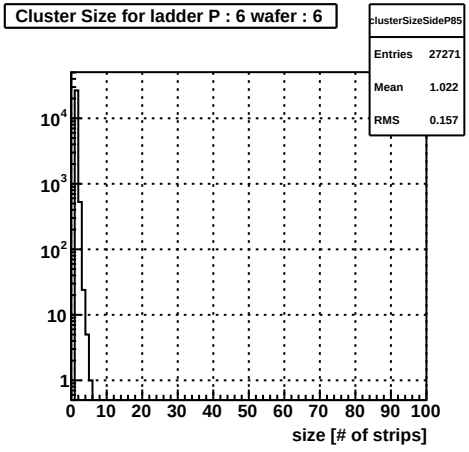

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 2491
Mean 1.124
RMS 0.4288
size [# of strips]

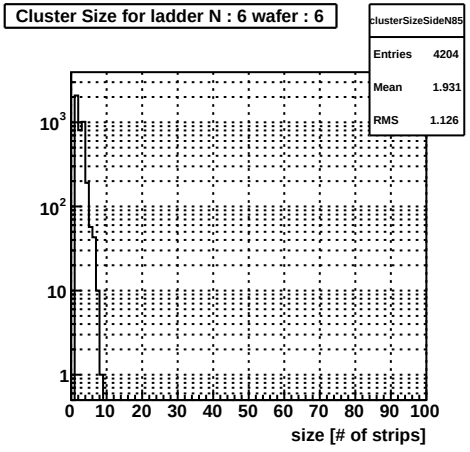

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 668
Mean 1.106
RMS 0.4193
size [# of strips]

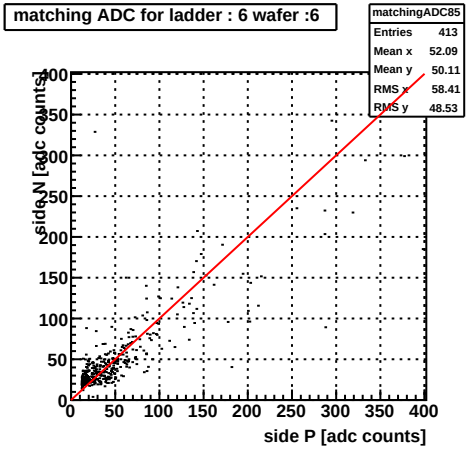

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 132
Mean x 60.89
Mean y 55.83
RMS x 46.92
RMS y 39.85
side N [adc counts]
side P [adc counts]

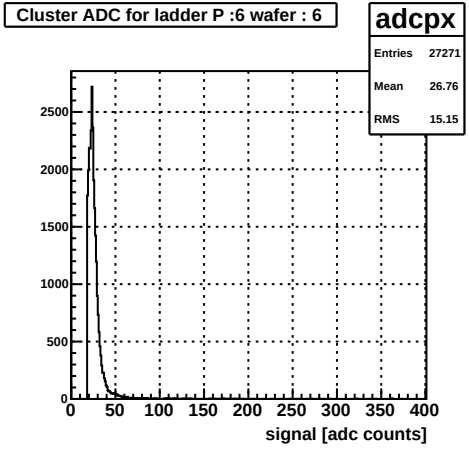

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 2491
Mean 47.73
RMS 52.18
signal [adc counts]

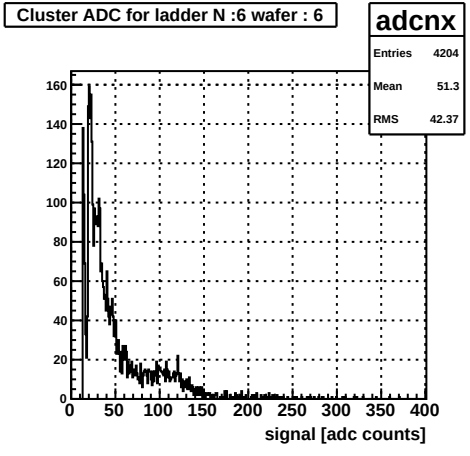

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 668
Mean 27.41
RMS 30.82
signal [adc counts]

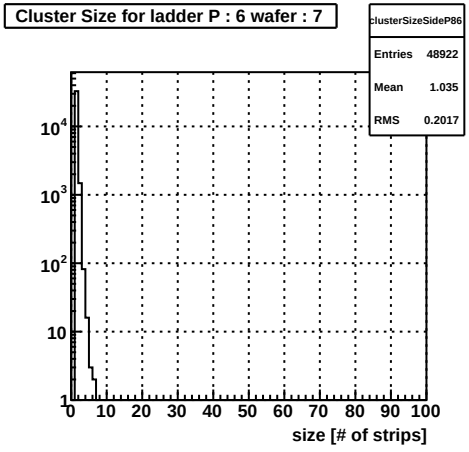

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 27271
Mean 1.022
RMS 0.157
size [# of strips]

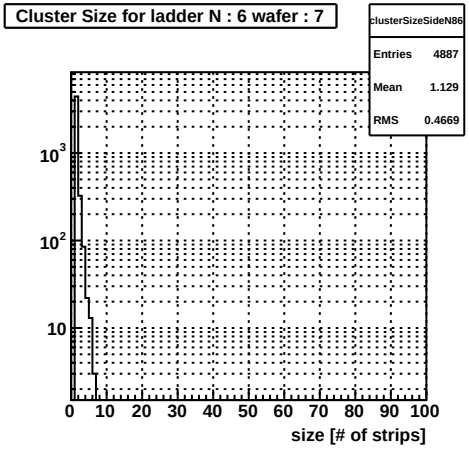

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 4204
Mean 1.931
RMS 1.126
size [# of strips]

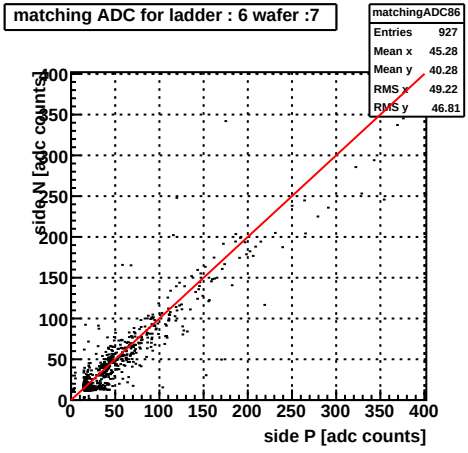

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 413
Mean x 52.09
Mean y 50.11
RMS x 58.41
RMS y 48.53
side N [adc counts]
side P [adc counts]

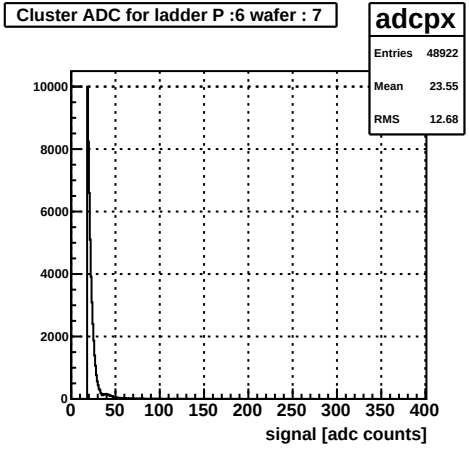

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 27271
Mean 26.76
RMS 15.15
signal [adc counts]

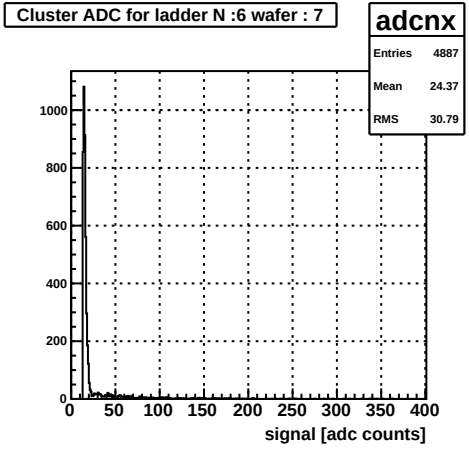

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 4204
Mean 51.3
RMS 42.37
signal [adc counts]

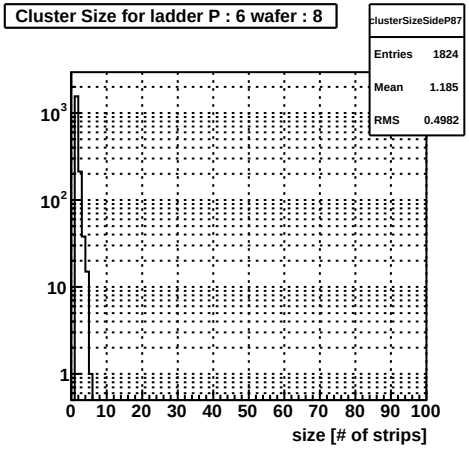

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 48922
Mean 1.035
RMS 0.2017
size [# of strips]

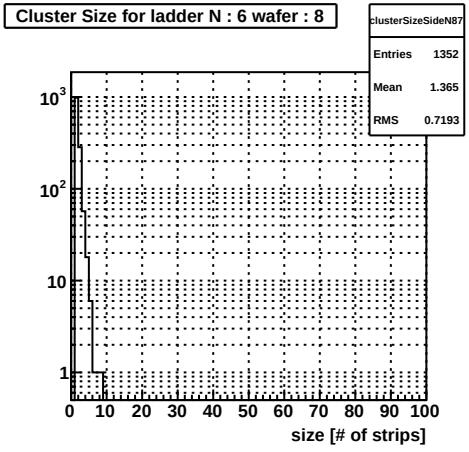

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 4887
Mean 1.129
RMS 0.4669
size [# of strips]

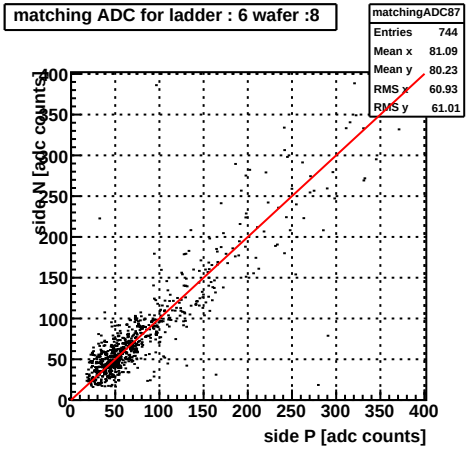

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 927
Mean x 45.28
Mean y 40.28
RMS x 49.22
RMS y 46.81
side N [adc counts]
side P [adc counts]

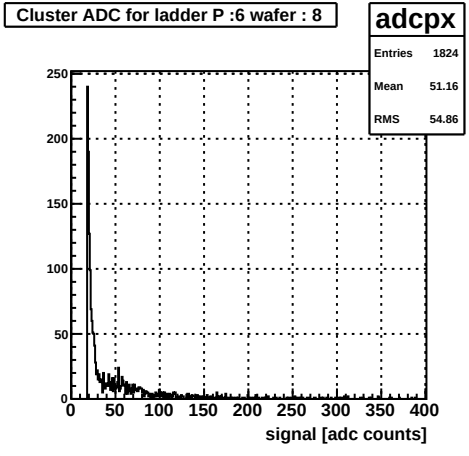

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 48922
Mean 23.55
RMS 12.68
signal [adc counts]

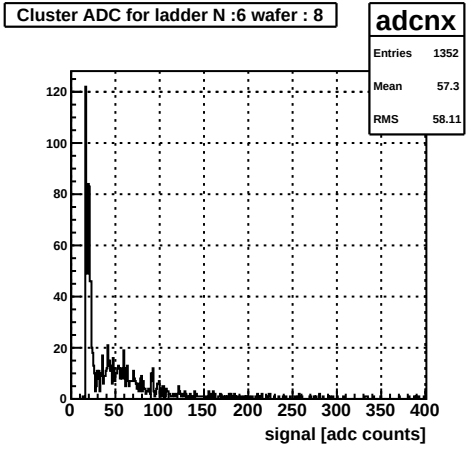

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 4887
Mean 24.37
RMS 30.79
signal [adc counts]

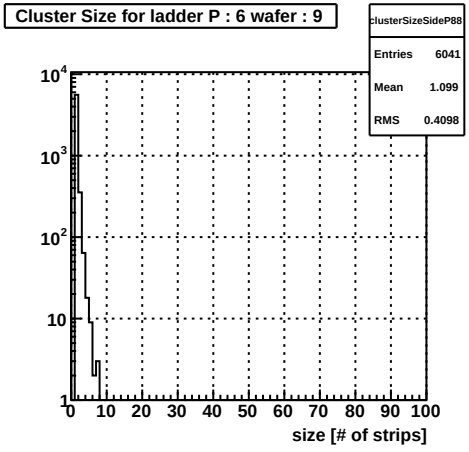

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1824
Mean 1.185
RMS 0.4982
size [# of strips]

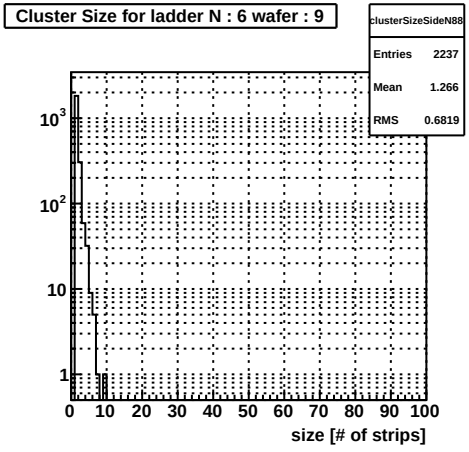

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 1352
Mean 1.365
RMS 0.7193
size [# of strips]

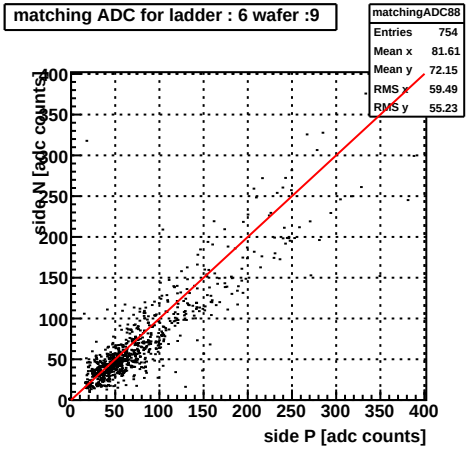

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 744
Mean x 81.09
Mean y 80.23
RMS x 60.93
RMS y 61.01
side N [adc counts]
side P [adc counts]

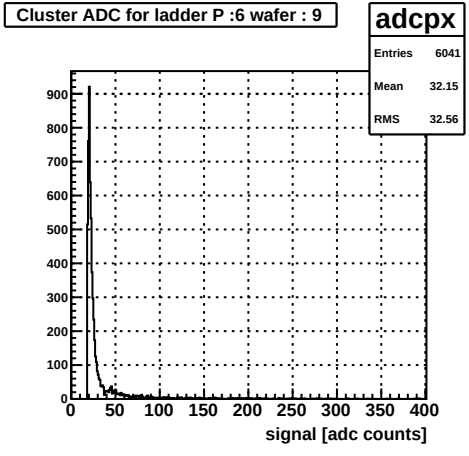

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1824
Mean 51.16
RMS 54.86
signal [adc counts]

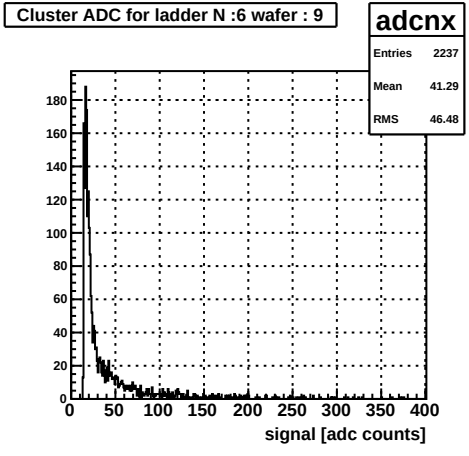

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 1352
Mean 57.3
RMS 58.11
signal [adc counts]

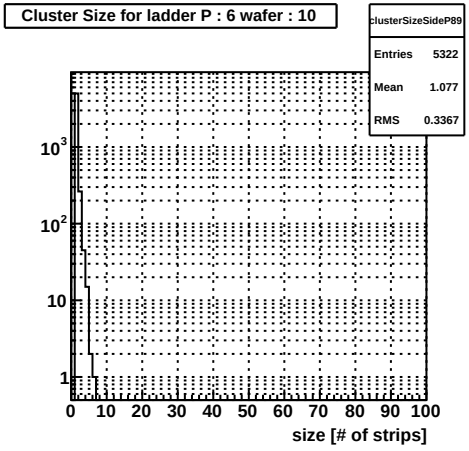

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 6041
Mean 1.099
RMS 0.4098
size [# of strips]

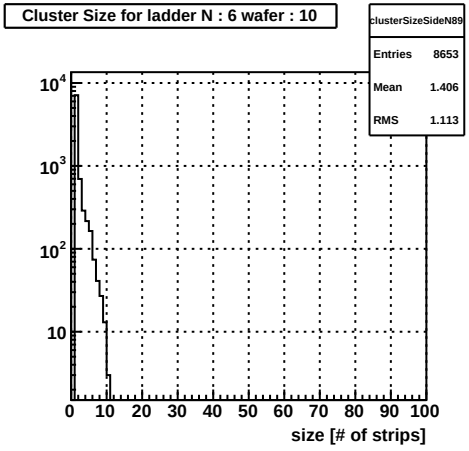

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 2237
Mean 1.266
RMS 0.6819
size [# of strips]

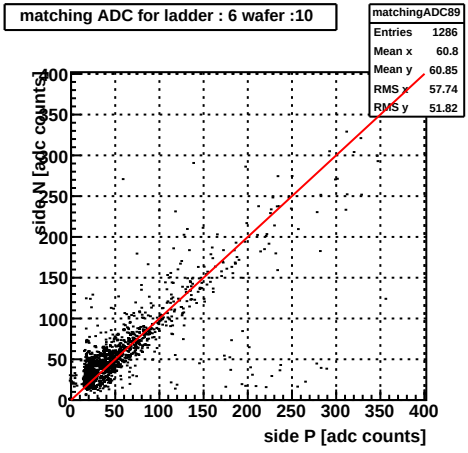

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 754
Mean x 81.61
Mean y 72.15
RMS x 59.49
RMS y 55.23
side N [adc counts]
side P [adc counts]

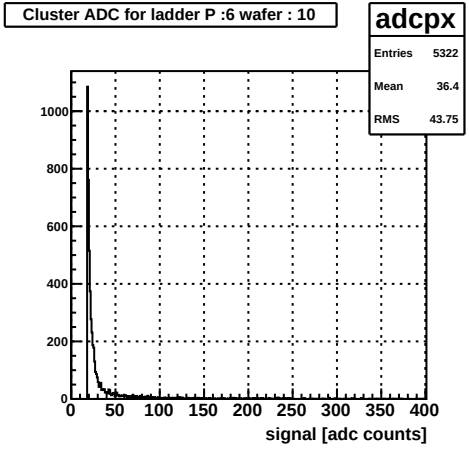

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 6041
Mean 32.15
RMS 32.56
signal [adc counts]

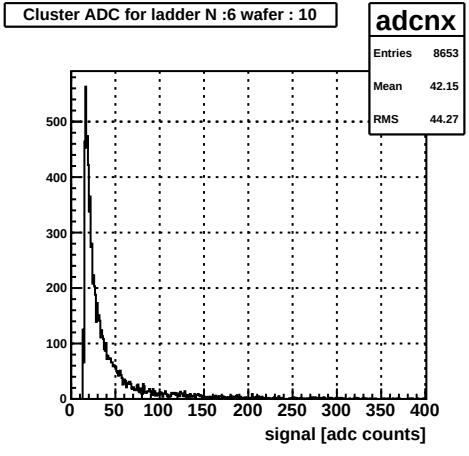

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 2237
Mean 41.29
RMS 46.48
signal [adc counts]

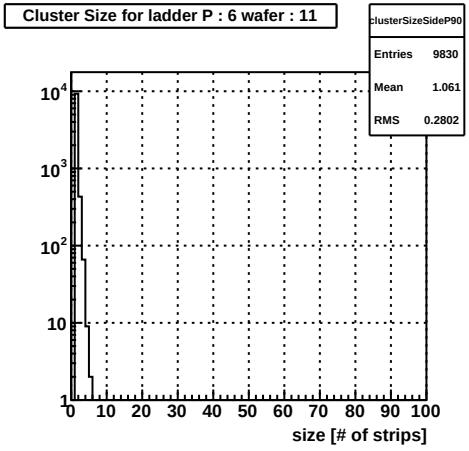

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 5322
Mean 1.077
RMS 0.3367
size [# of strips]

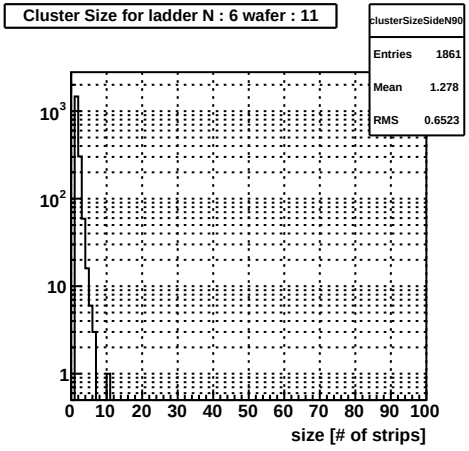

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 8653
Mean 1.406
RMS 1.113
size [# of strips]

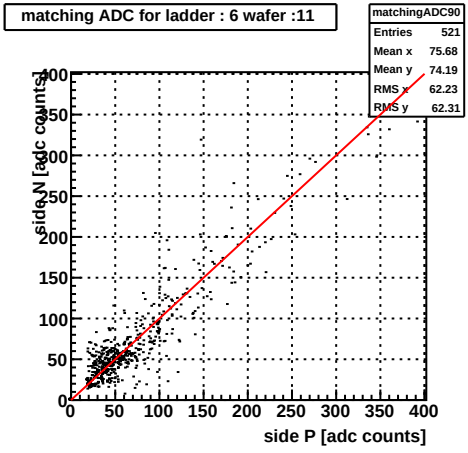

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 1286
Mean x 60.8
Mean y 60.85
RMS x 57.74
RMS y 51.82
side N [adc counts]
side P [adc counts]

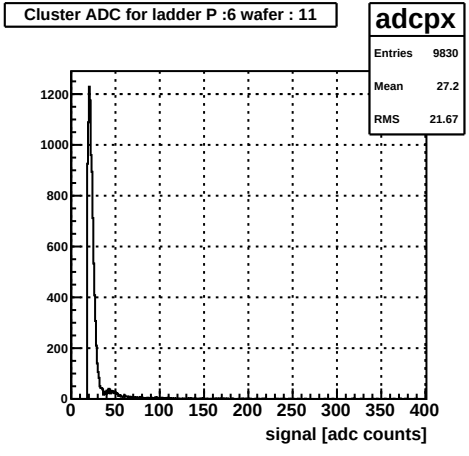

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 5322
Mean 36.4
RMS 43.75
signal [adc counts]

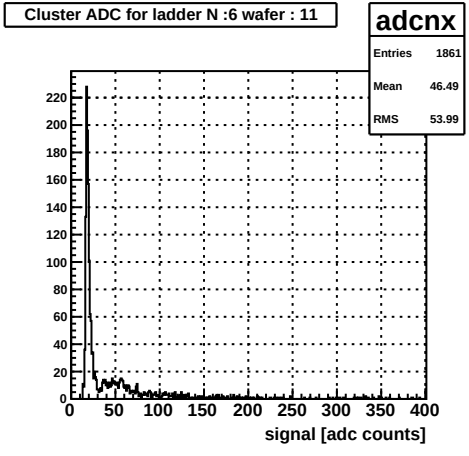

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 8653
Mean 42.15
RMS 44.27
signal [adc counts]

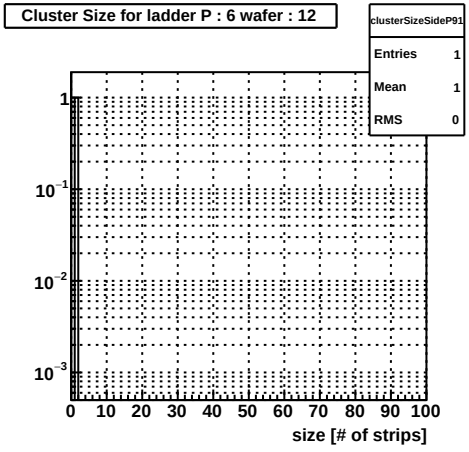

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 9830
Mean 1.061
RMS 0.2802
size [# of strips]

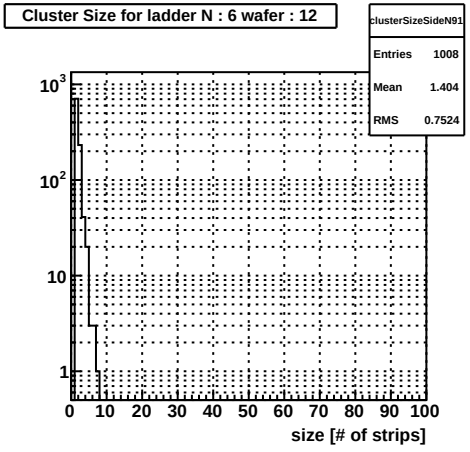

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 1861
Mean 1.278
RMS 0.6523
size [# of strips]

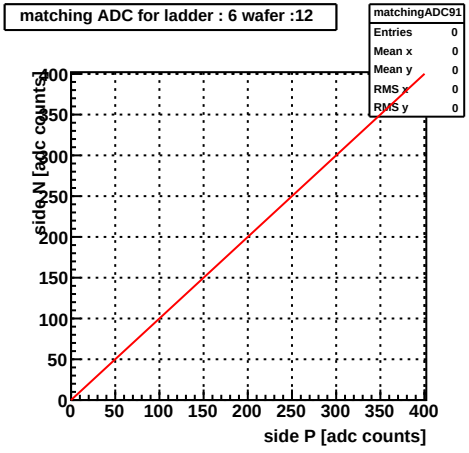

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 521
Mean x 75.68
Mean y 74.19
RMS x 62.23
RMS y 62.31
side N [adc counts]
side P [adc counts]

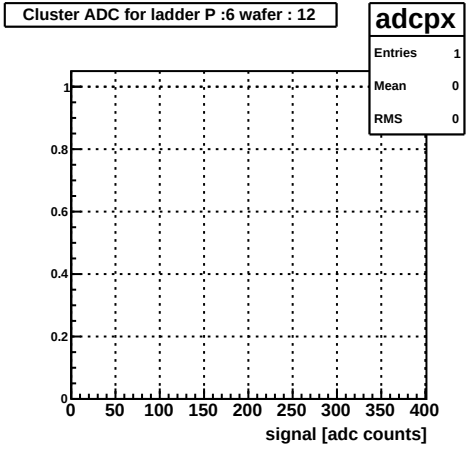

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 9830
Mean 27.2
RMS 21.67
signal [adc counts]

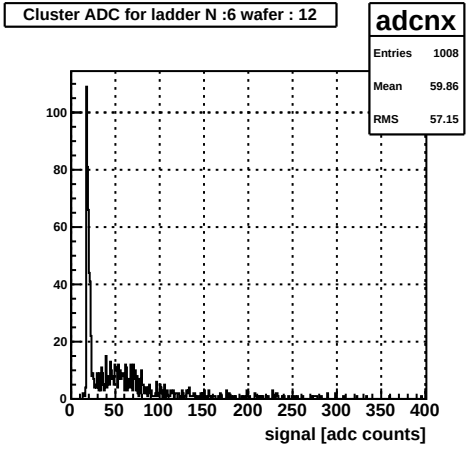

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 1861
Mean 46.49
RMS 53.99
signal [adc counts]

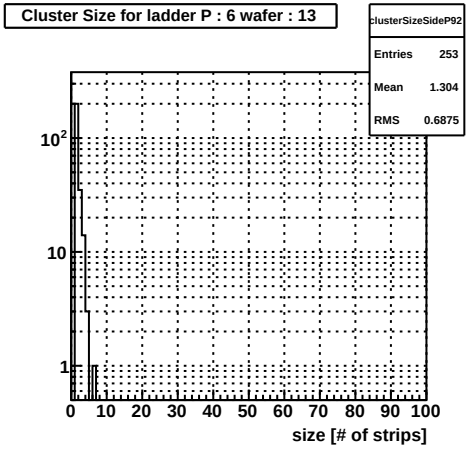

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 1
Mean 1
RMS 0
size [# of strips]

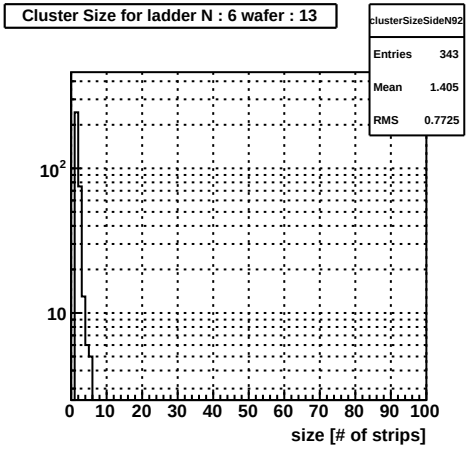

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 1008
Mean 1.404
RMS 0.7524
size [# of strips]

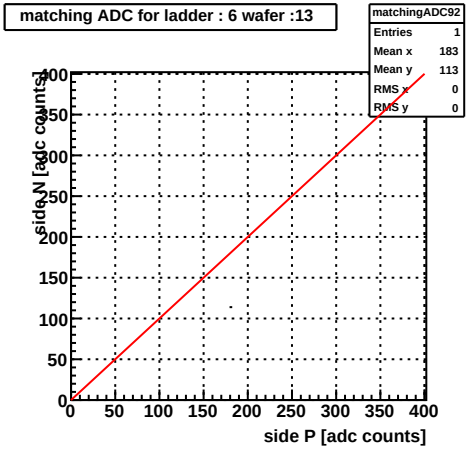

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

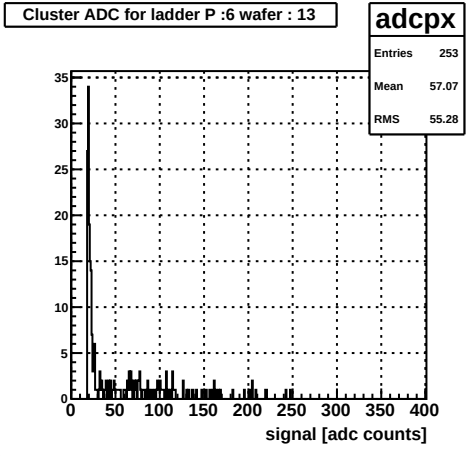

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

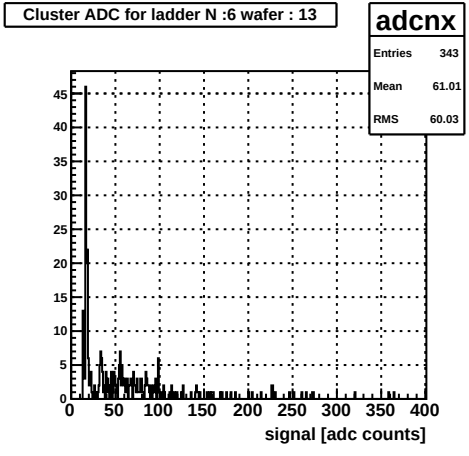

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 1008
Mean 59.86
RMS 57.15
signal [adc counts]

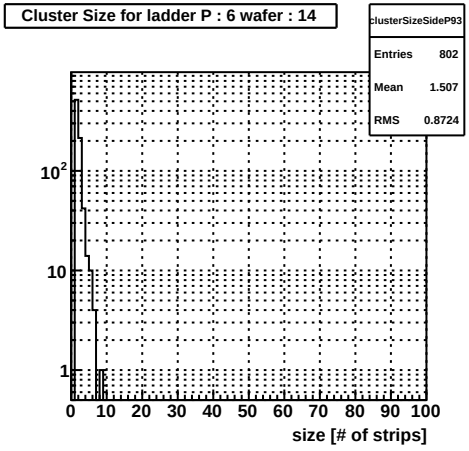

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 253
Mean 1.304
RMS 0.6875
size [# of strips]

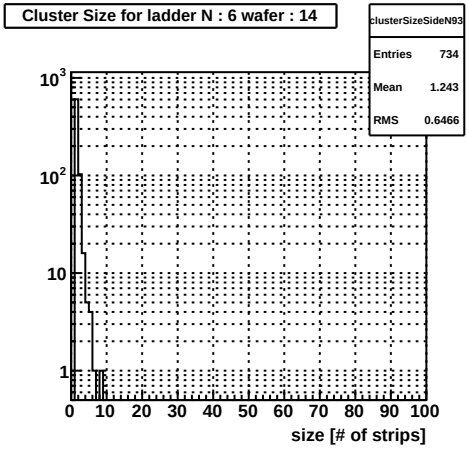

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 343
Mean 1.405
RMS 0.7725
size [# of strips]

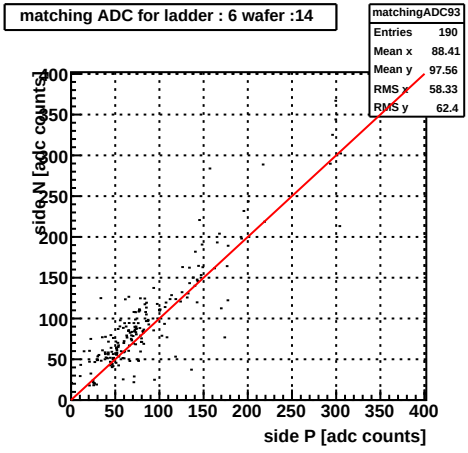

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 1
Mean x 183
Mean y 113
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

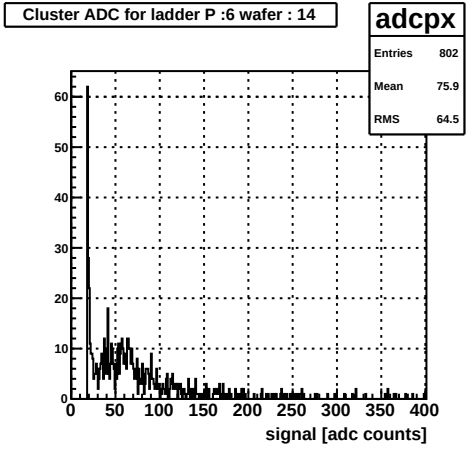

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 253
Mean 57.07
RMS 55.28
signal [adc counts]

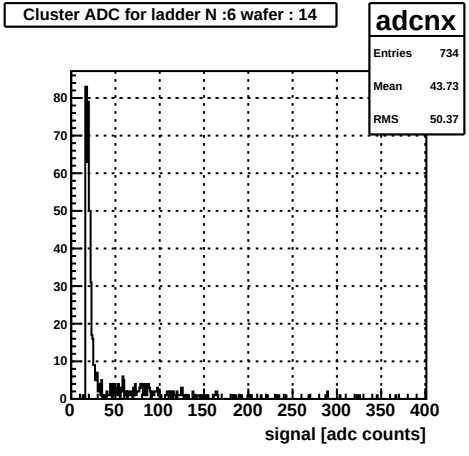

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 343
Mean 61.01
RMS 60.03
signal [adc counts]

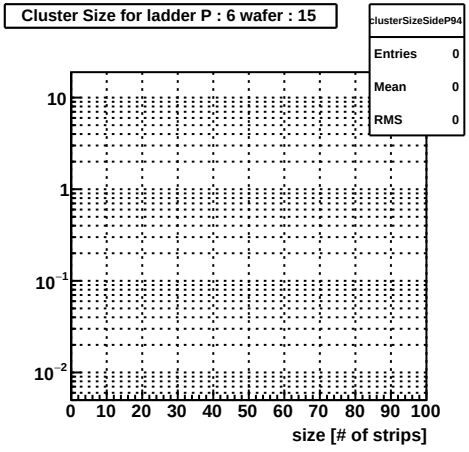

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 802
Mean 1.507
RMS 0.8724
size [# of strips]

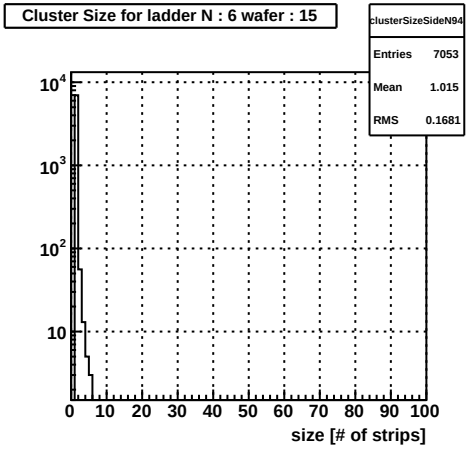

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 734
Mean 1.243
RMS 0.6466
size [# of strips]

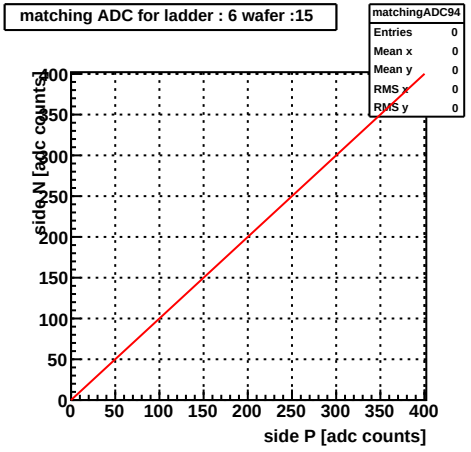

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 190
Mean x 88.41
Mean y 97.56
RMS x 58.33
RMS y 62.4
side N [adc counts]
side P [adc counts]

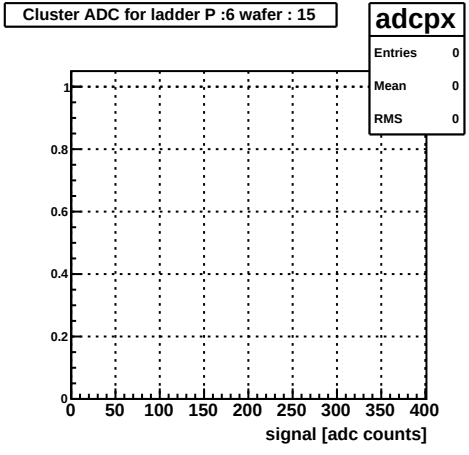

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 802
Mean 75.9
RMS 64.5
signal [adc counts]

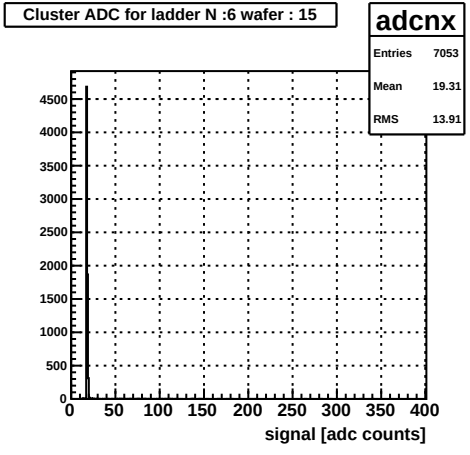

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 734
Mean 43.73
RMS 50.37
signal [adc counts]

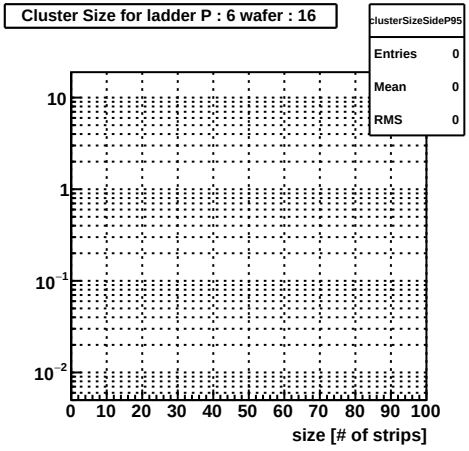

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 0
Mean 0
RMS 0
size [# of strips]

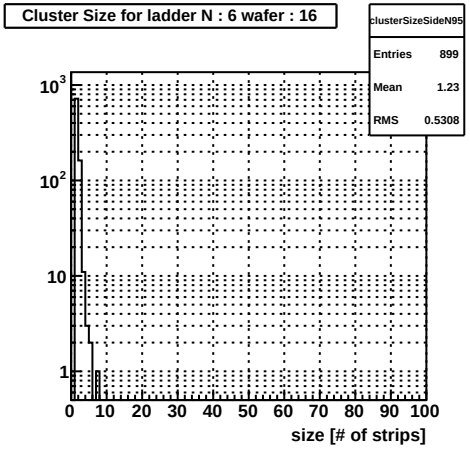

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 7053
Mean 1.015
RMS 0.1681
size [# of strips]

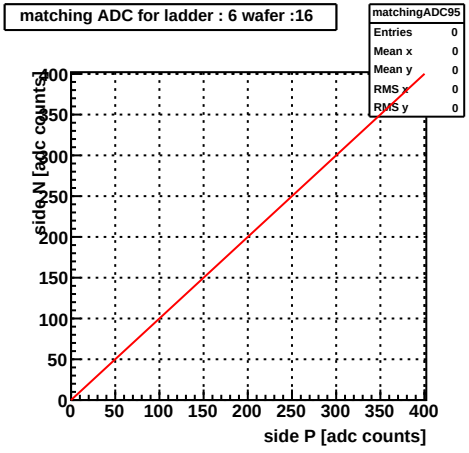

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

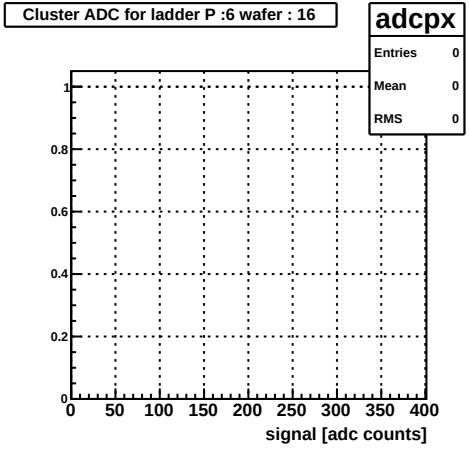

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

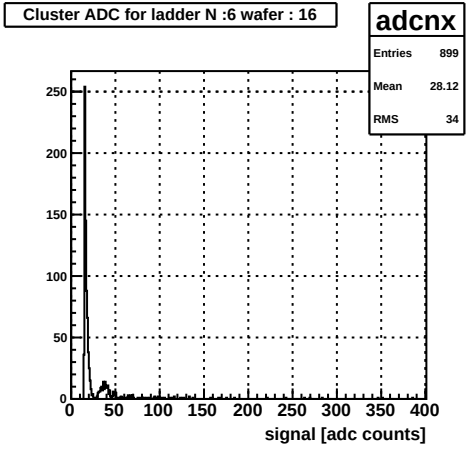

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 7053
Mean 19.31
RMS 13.91
signal [adc counts]

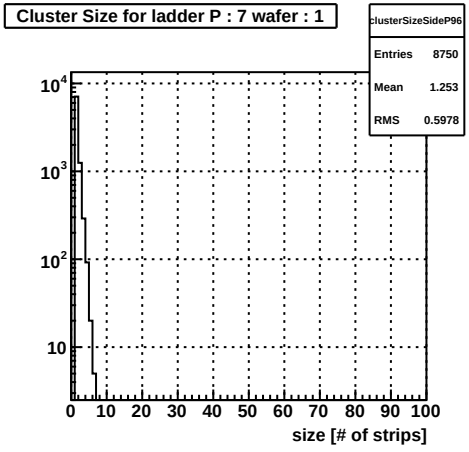

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

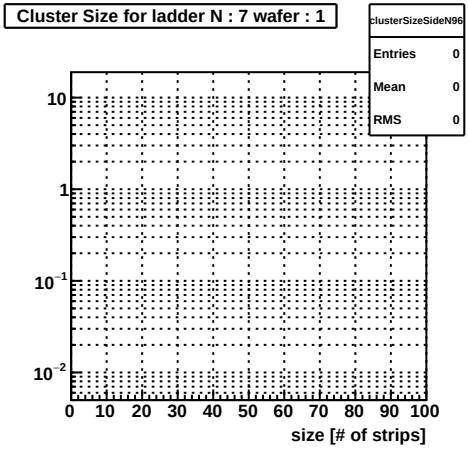

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 899
Mean 1.23
RMS 0.5308
size [# of strips]

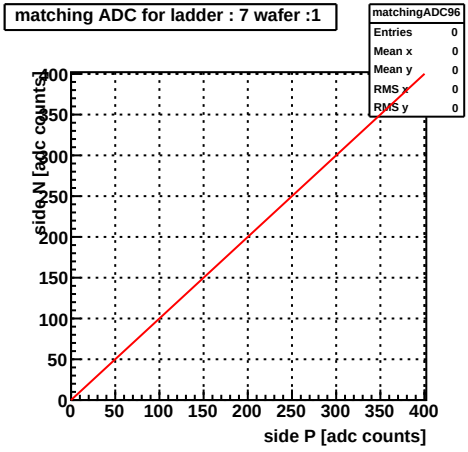

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

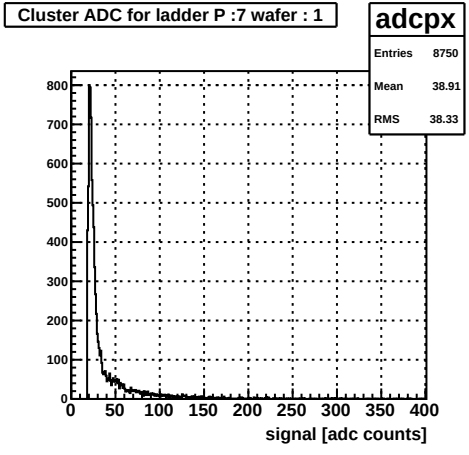

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

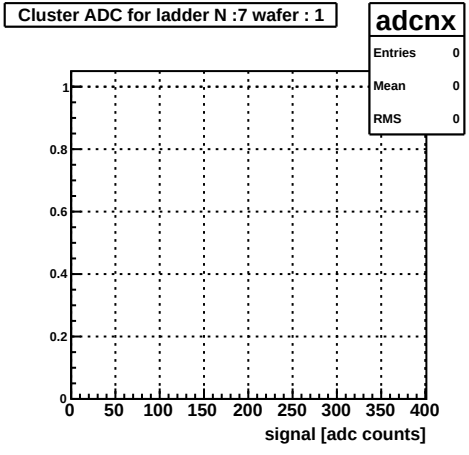

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 899
Mean 28.12
RMS 34
signal [adc counts]

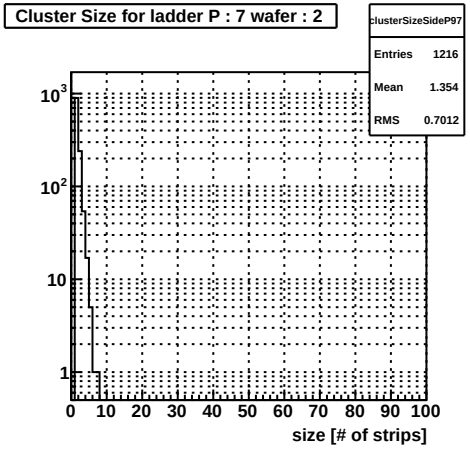

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 8750
Mean 1.253
RMS 0.5978
size [# of strips]

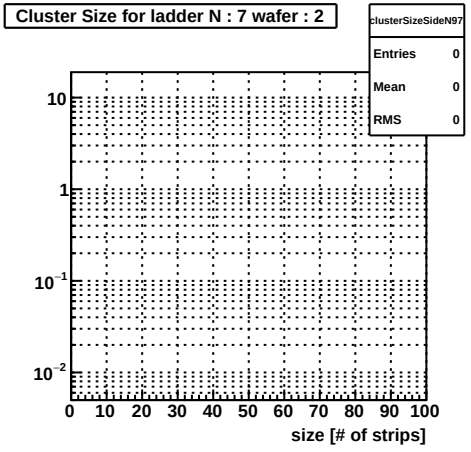

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

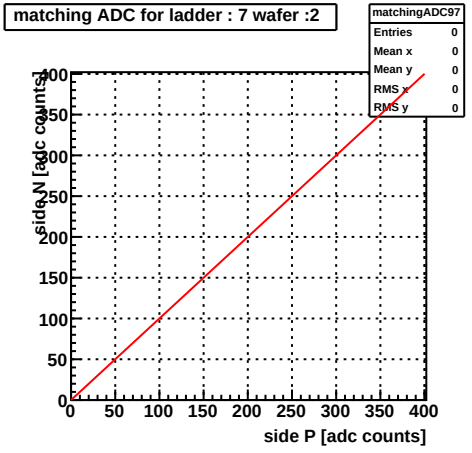

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

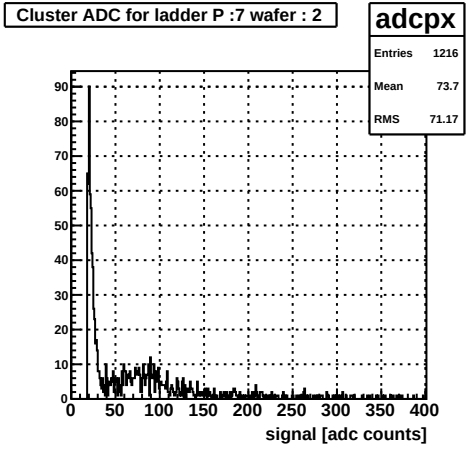

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 8750
Mean 38.91
RMS 38.33
signal [adc counts]

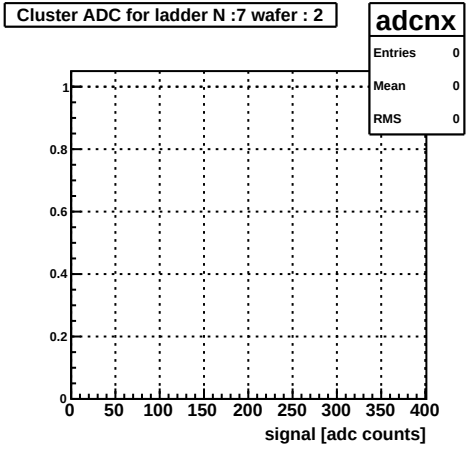

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

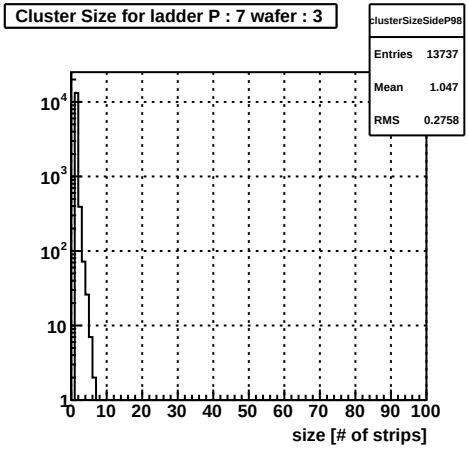

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 1216
Mean 1.354
RMS 0.7012
size [# of strips]

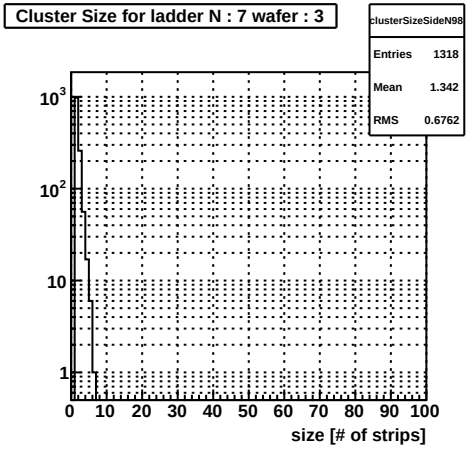

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

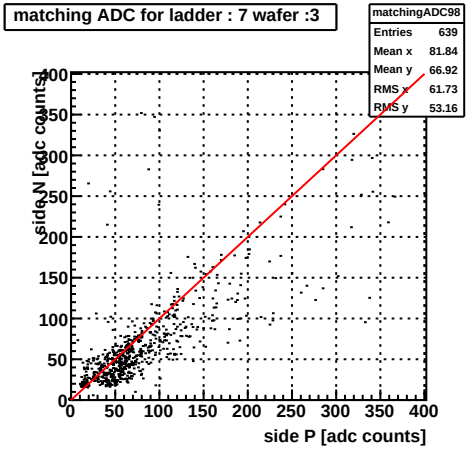

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

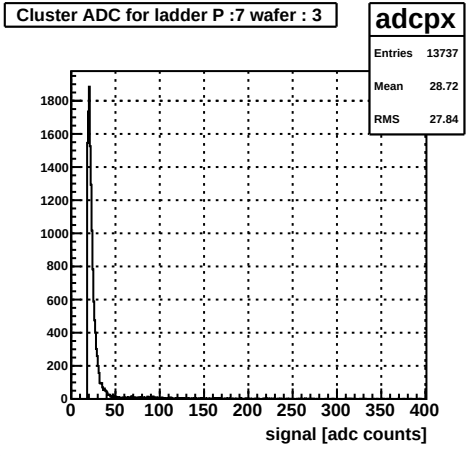

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 1216
Mean 73.7
RMS 71.17
signal [adc counts]

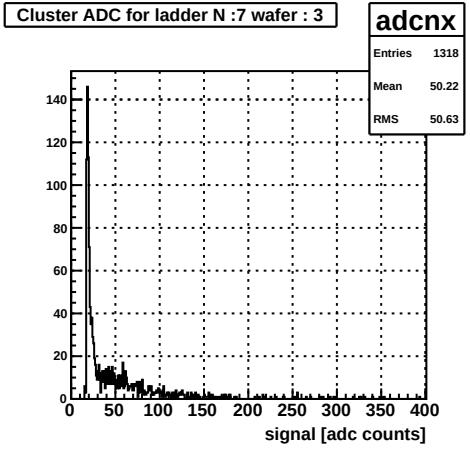

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

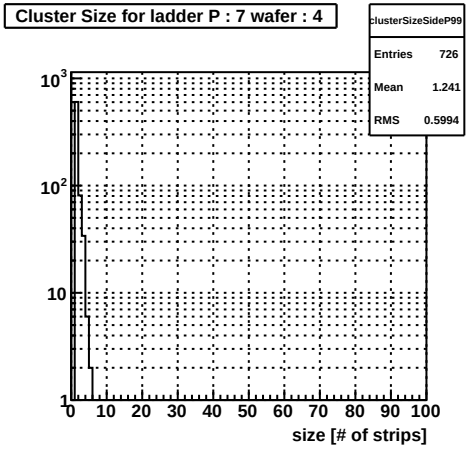

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 13737
Mean 1.047
RMS 0.2758
size [# of strips]

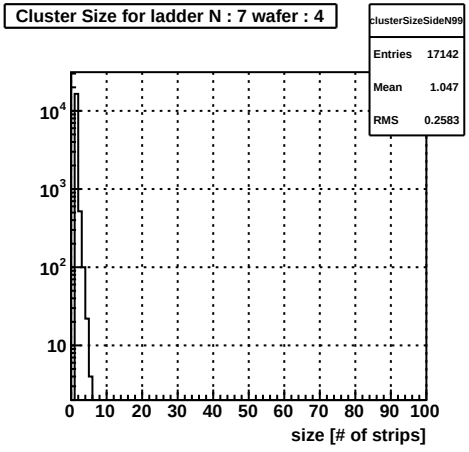

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 1318
Mean 1.342
RMS 0.6762
size [# of strips]

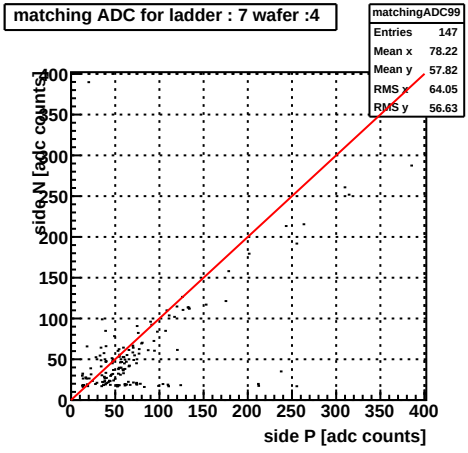

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 639
Mean x 81.84
Mean y 66.92
RMS x 61.73
RMS y 53.16
side N [adc counts]
side P [adc counts]

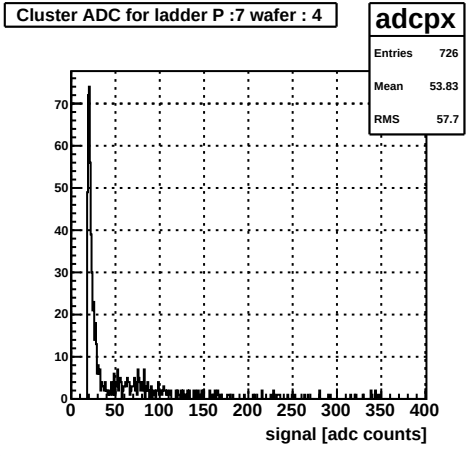

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 13737
Mean 28.72
RMS 27.84
signal [adc counts]

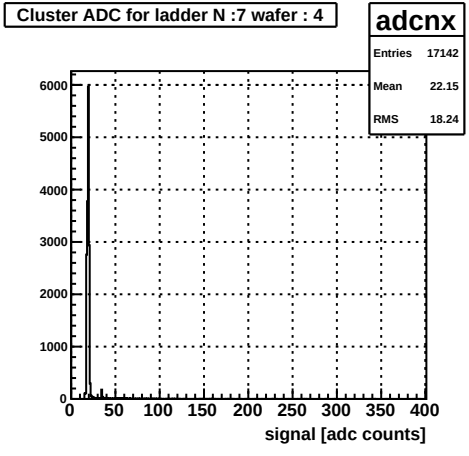

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 1318
Mean 50.22
RMS 50.63
signal [adc counts]

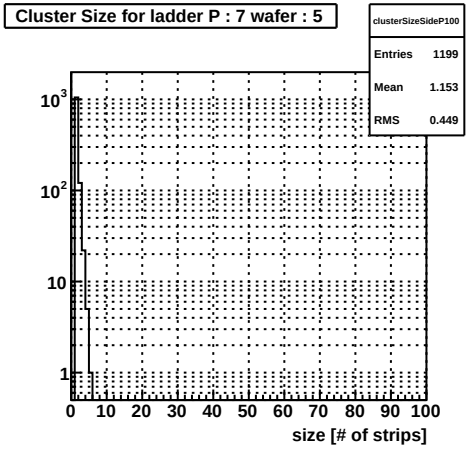

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 726
Mean 1.241
RMS 0.5994
size [# of strips]

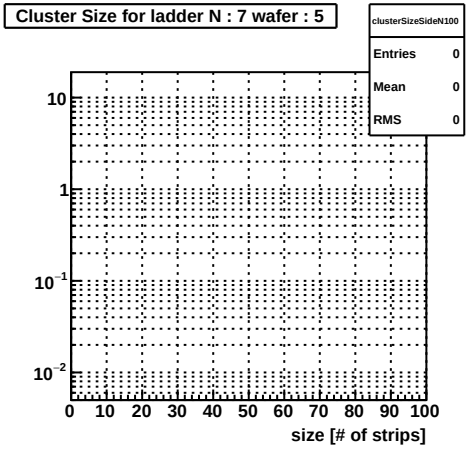

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 17142
Mean 1.047
RMS 0.2583
size [# of strips]

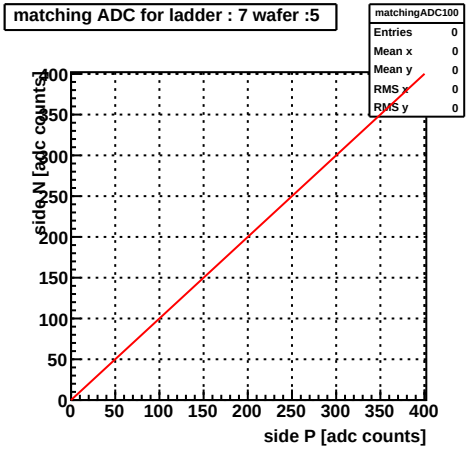

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 147
Mean x 78.22
Mean y 57.82
RMS x 64.05
RMS y 56.63
side N [adc counts]
side P [adc counts]

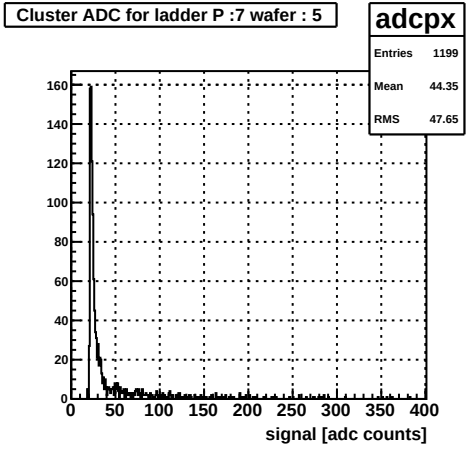

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 726
Mean 53.83
RMS 57.7
signal [adc counts]

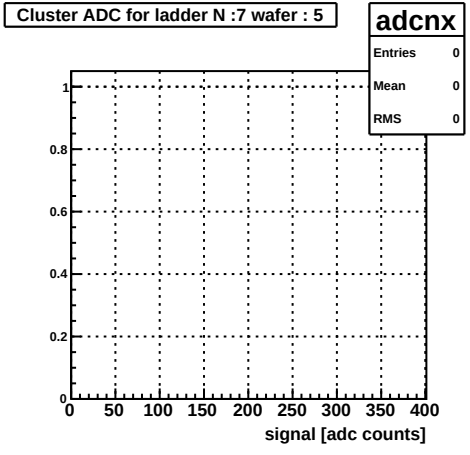

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 17142
Mean 22.15
RMS 18.24
signal [adc counts]

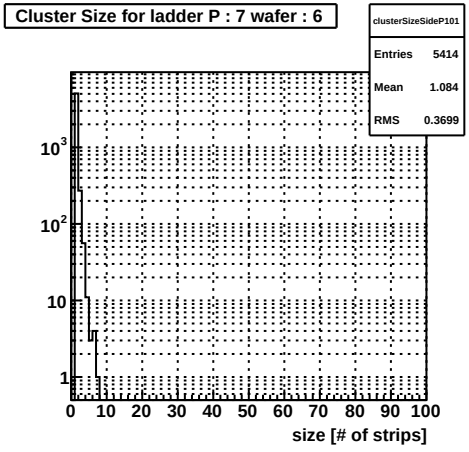

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 1199
Mean 1.153
RMS 0.449
size [# of strips]

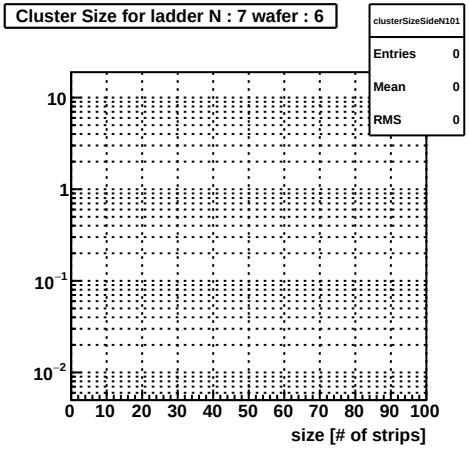

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

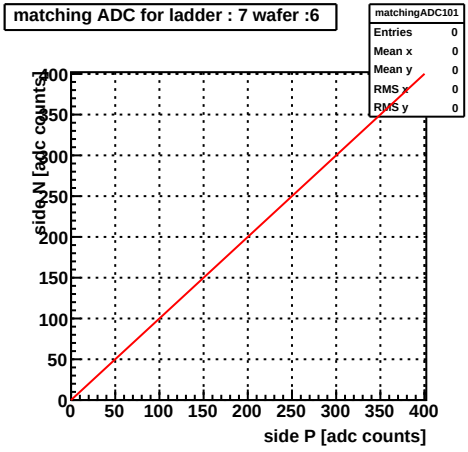

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

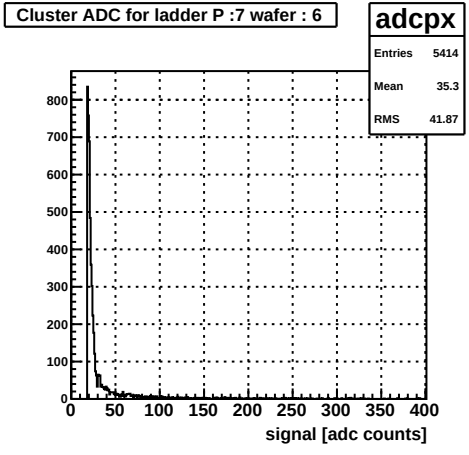

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 1199
Mean 44.35
RMS 47.65
signal [adc counts]

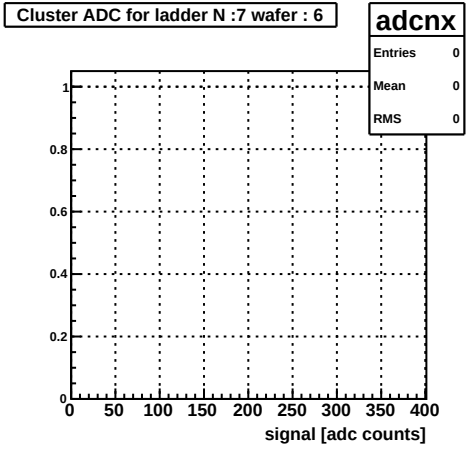

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

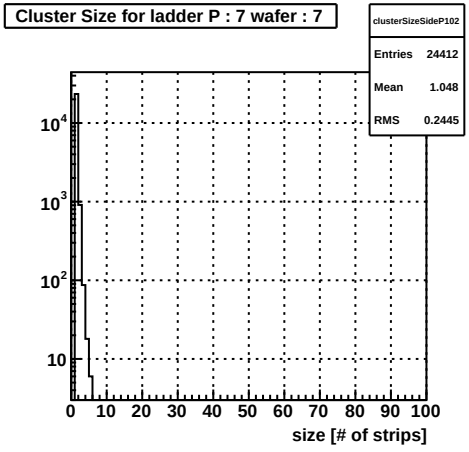

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 5414
Mean 1.084
RMS 0.3699
size [# of strips]

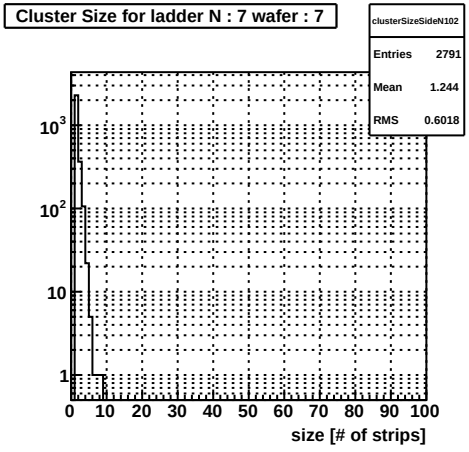

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

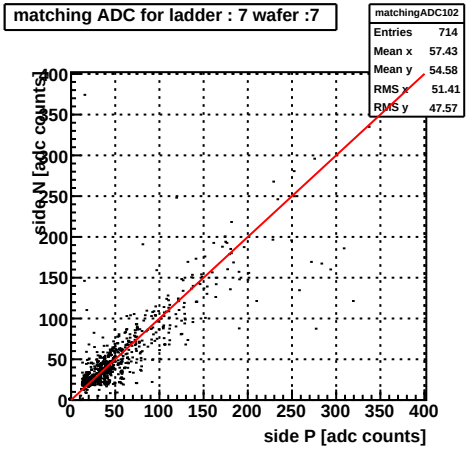

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

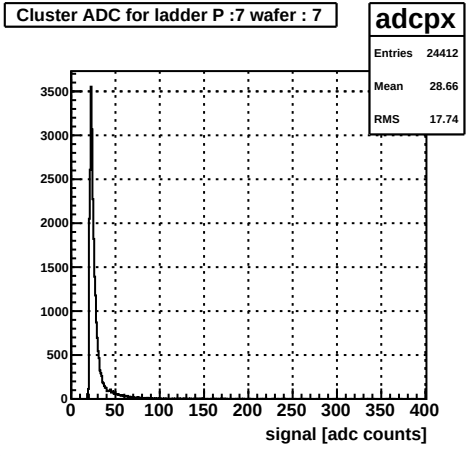

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 5414
Mean 35.3
RMS 41.87
signal [adc counts]

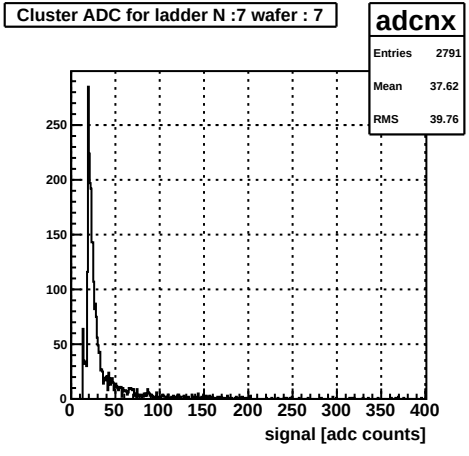

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

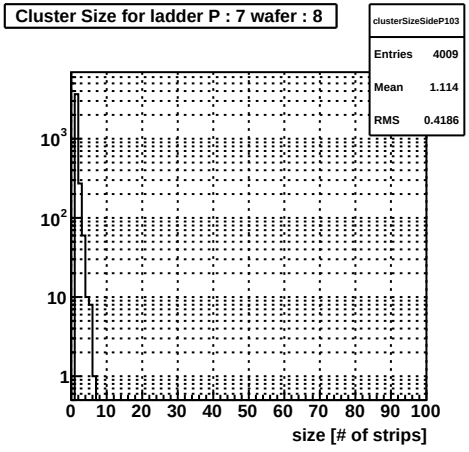

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 24412
Mean 1.048
RMS 0.2445
size [# of strips]

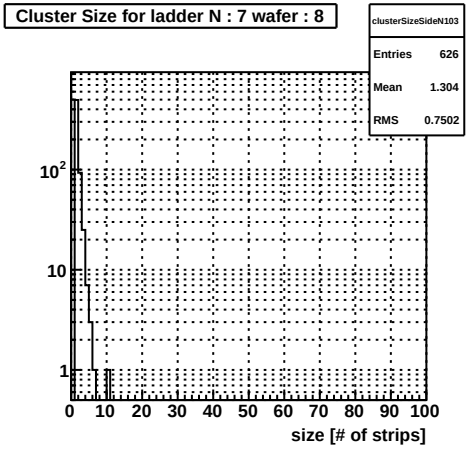

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 2791
Mean 1.244
RMS 0.6018
size [# of strips]

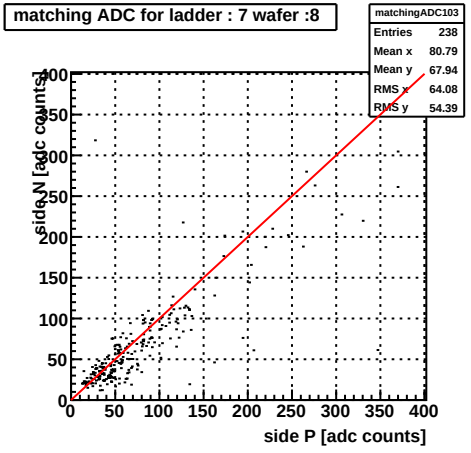

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 714
Mean x 57.43
Mean y 54.58
RMS x 51.41
RMS y 47.57
side N [adc counts]
side P [adc counts]

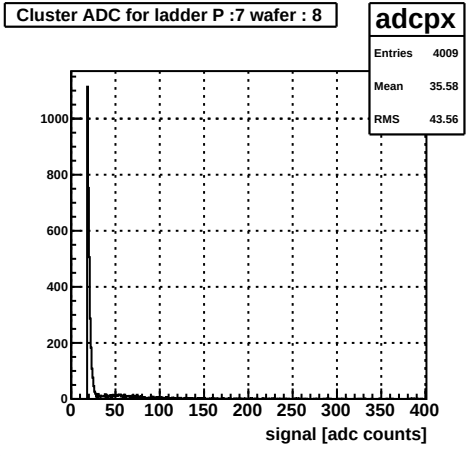

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 24412
Mean 28.66
RMS 17.74
signal [adc counts]

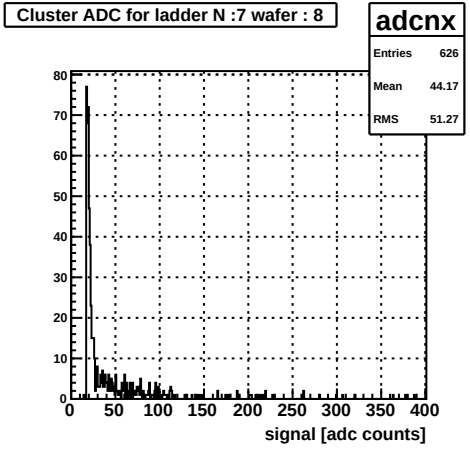

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 2791
Mean 37.62
RMS 39.76
signal [adc counts]

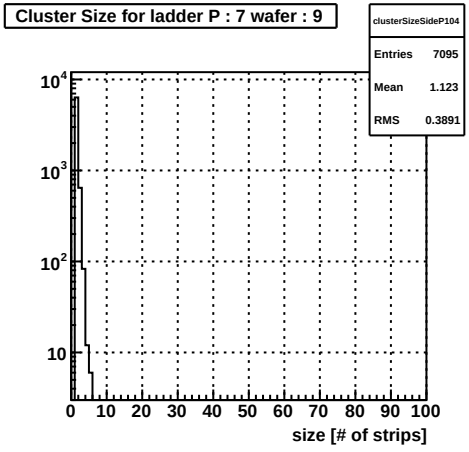

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 4009
Mean 1.114
RMS 0.4186
size [# of strips]

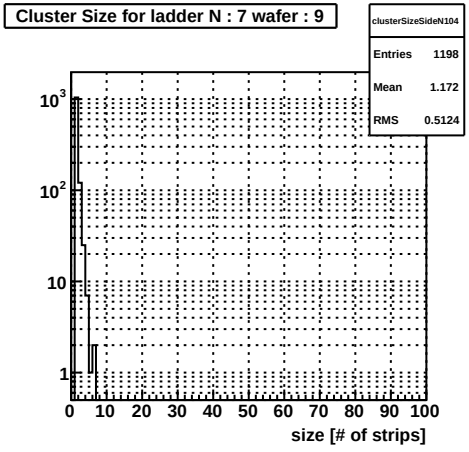

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 626
Mean 1.304
RMS 0.7502
size [# of strips]

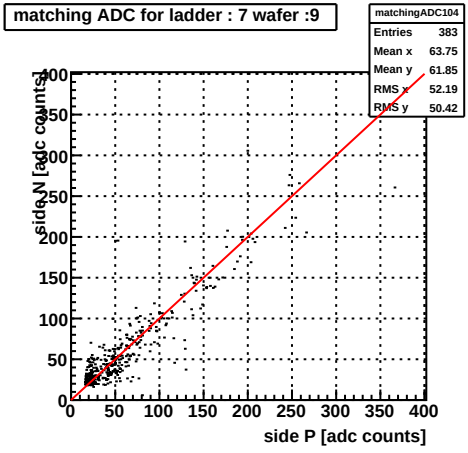

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 238
Mean x 80.79
Mean y 67.94
RMS x 64.08
RMS y 54.39
side N [adc counts]
side P [adc counts]

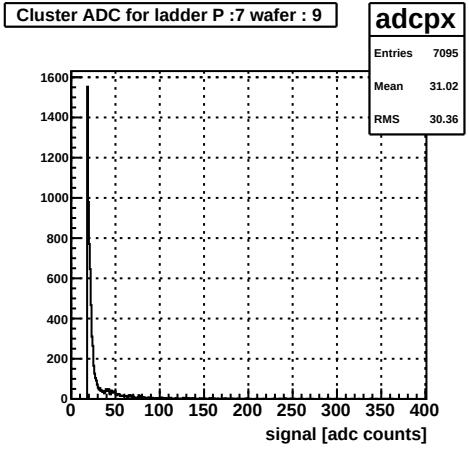

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 4009
Mean 35.58
RMS 43.56
signal [adc counts]

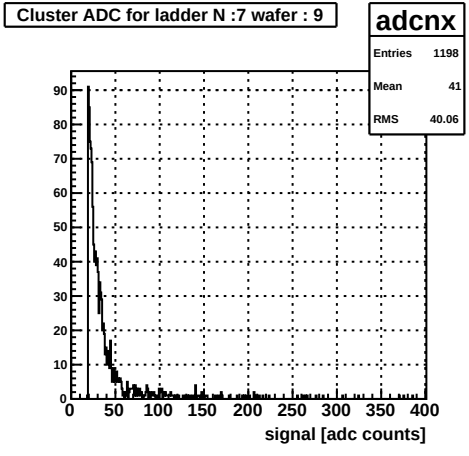

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 626
Mean 44.17
RMS 51.27
signal [adc counts]

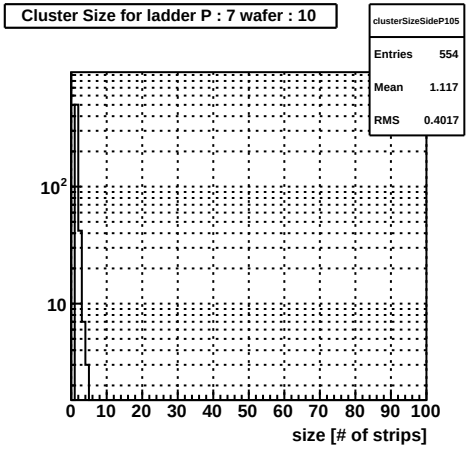

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 7095
Mean 1.123
RMS 0.3891
size [# of strips]

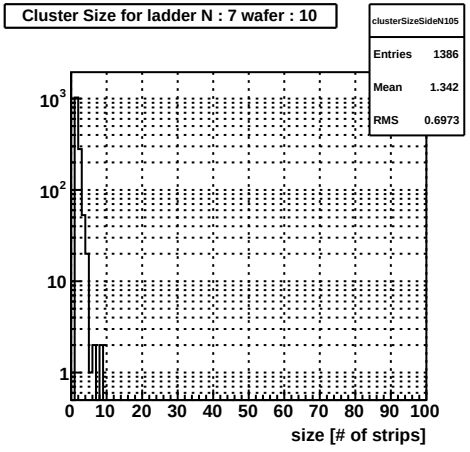

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 1198
Mean 1.172
RMS 0.5124
size [# of strips]

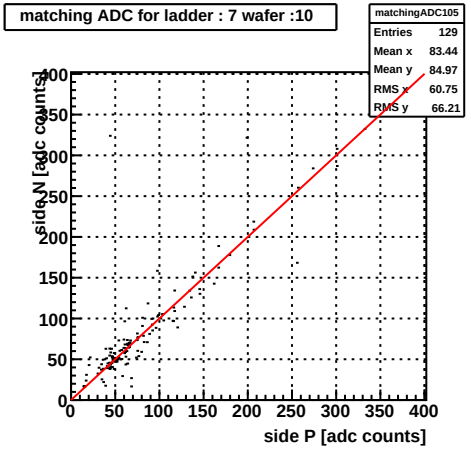

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 383
Mean x 63.75
Mean y 61.85
RMS x 52.19
RMS y 50.42
side N [adc counts]
side P [adc counts]

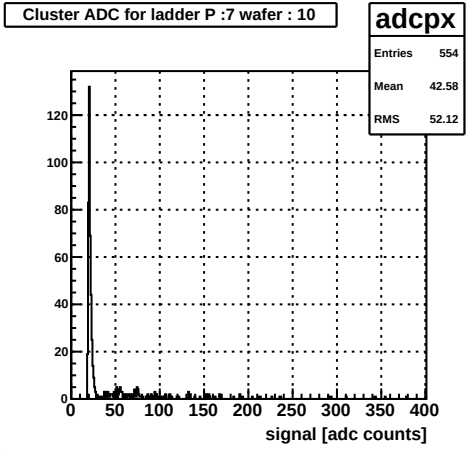

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 7095
Mean 31.02
RMS 30.36
signal [adc counts]

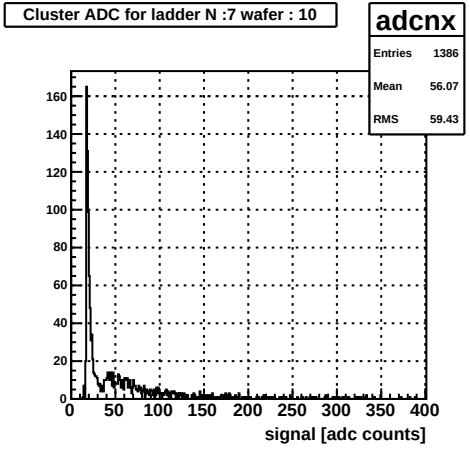

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 1198
Mean 41
RMS 40.06
signal [adc counts]

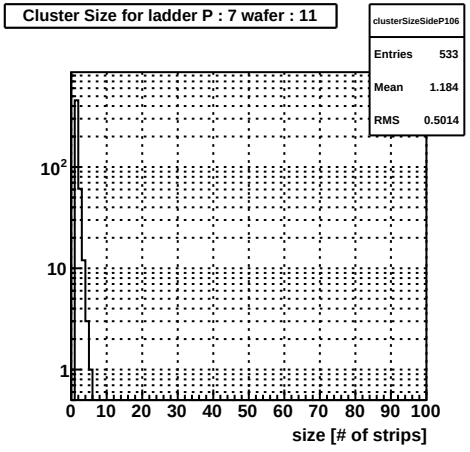

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 554
Mean 1.117
RMS 0.4017
size [# of strips]

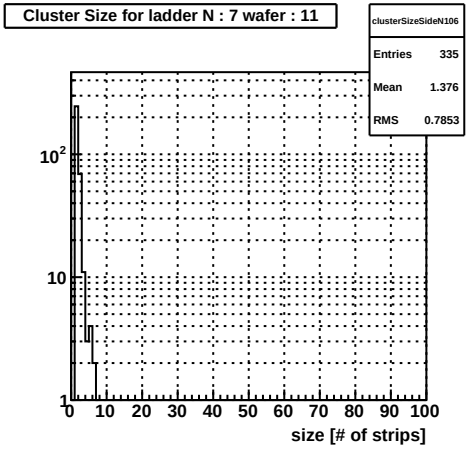

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 1386
Mean 1.342
RMS 0.6973
size [# of strips]

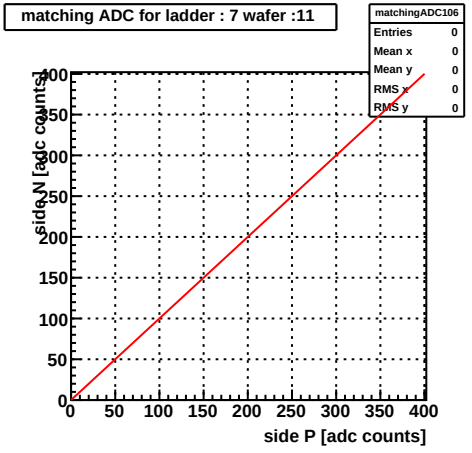

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 129
Mean x 83.44
Mean y 84.97
RMS x 60.75
RMS y 66.21
side N [adc counts]
side P [adc counts]

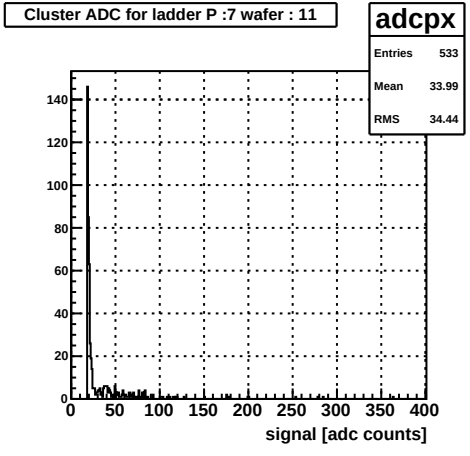

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 554
Mean 42.58
RMS 52.12
signal [adc counts]

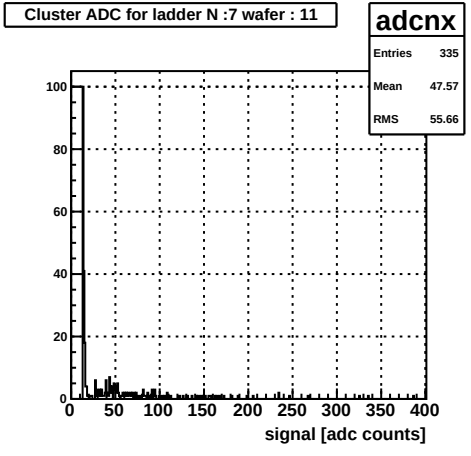

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 1386
Mean 56.07
RMS 59.43
signal [adc counts]

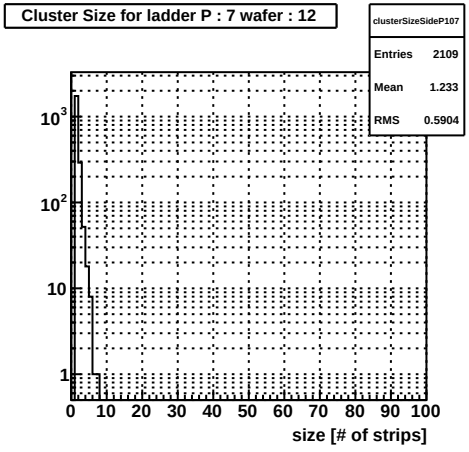

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 533
Mean 1.184
RMS 0.5014
size [# of strips]

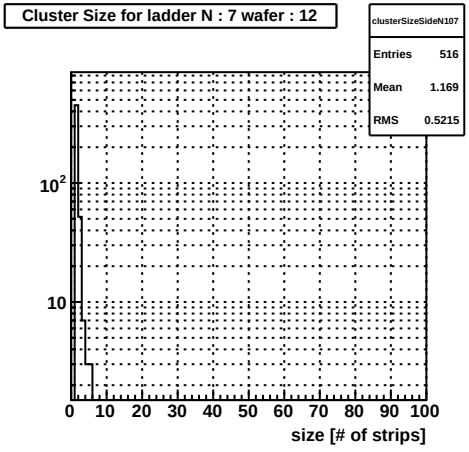

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 335
Mean 1.376
RMS 0.7853
size [# of strips]

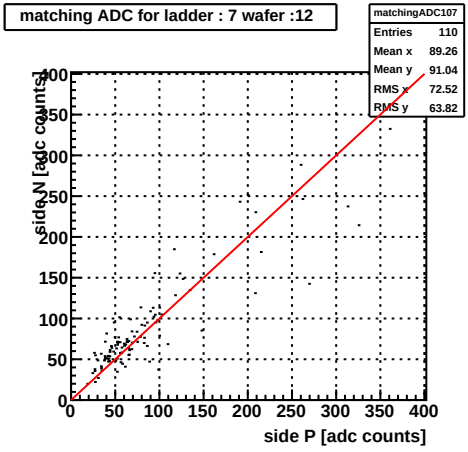

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

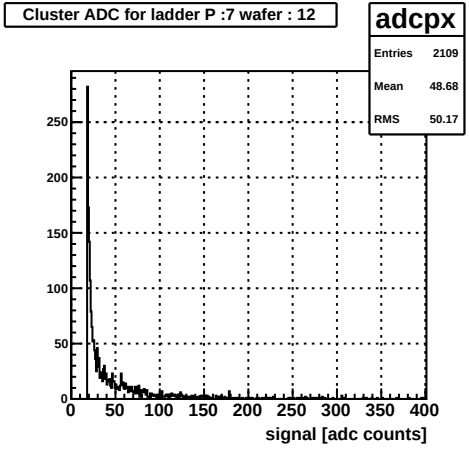

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 533
Mean 33.99
RMS 34.44
signal [adc counts]

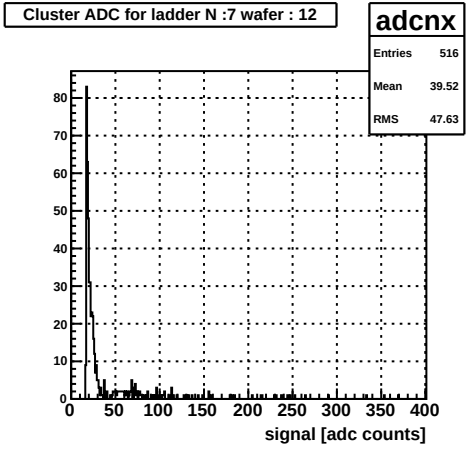

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 335
Mean 47.57
RMS 55.66
signal [adc counts]

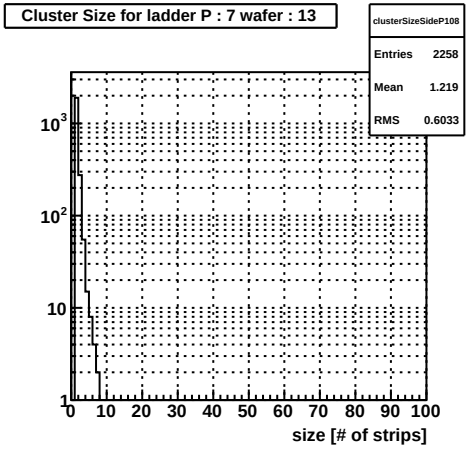

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 2109
Mean 1.233
RMS 0.5904
size [# of strips]

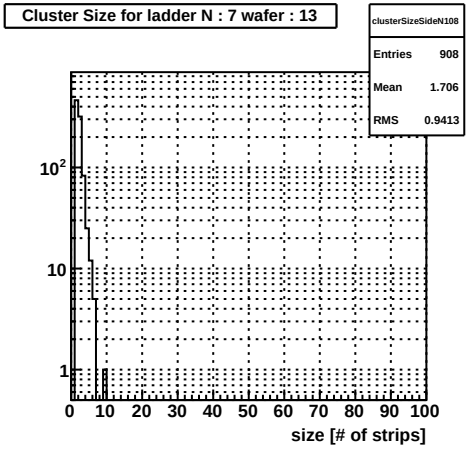

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 516
Mean 1.169
RMS 0.5215
size [# of strips]

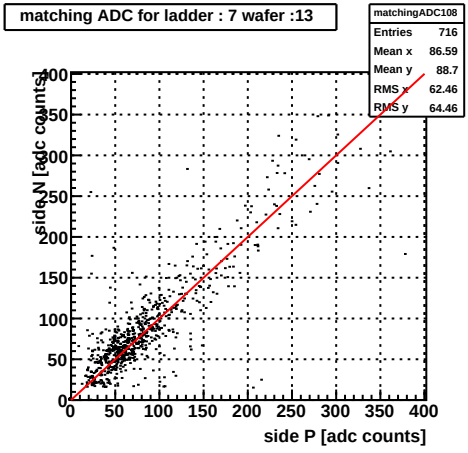

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 110
Mean x 89.26
Mean y 91.04
RMS x 72.52
RMS y 63.82
side N [adc counts]
side P [adc counts]

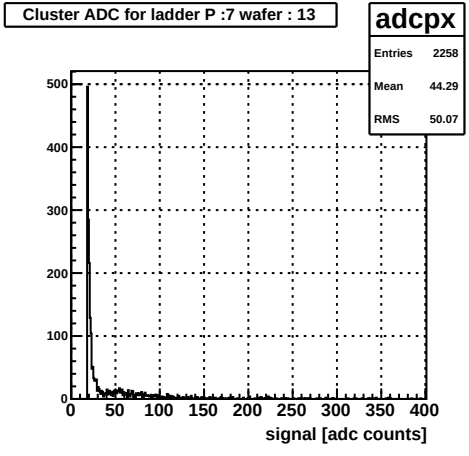

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 2109
Mean 48.68
RMS 50.17
signal [adc counts]

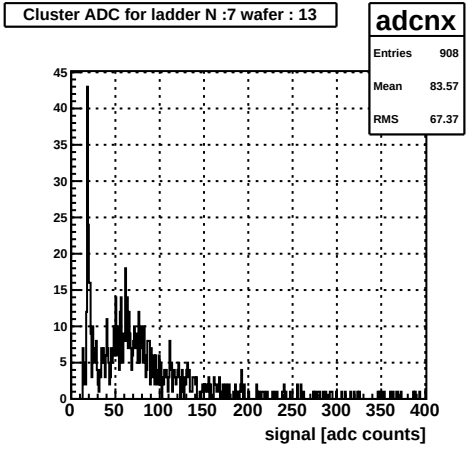

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 516
Mean 39.52
RMS 47.63
signal [adc counts]

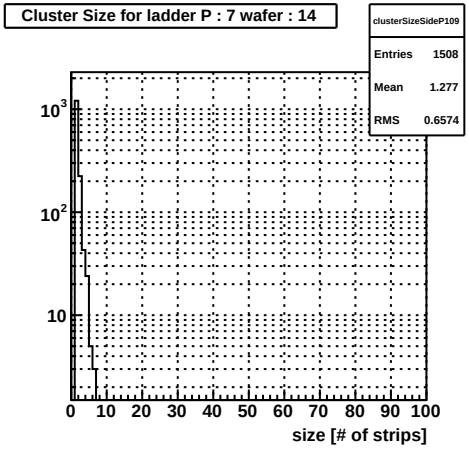

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 2258
Mean 1.219
RMS 0.6033
size [# of strips]

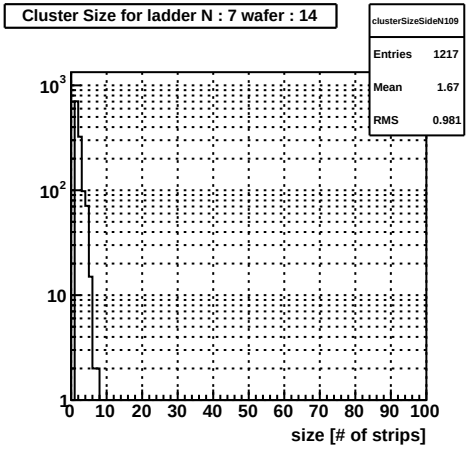

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 908
Mean 1.706
RMS 0.9413
size [# of strips]

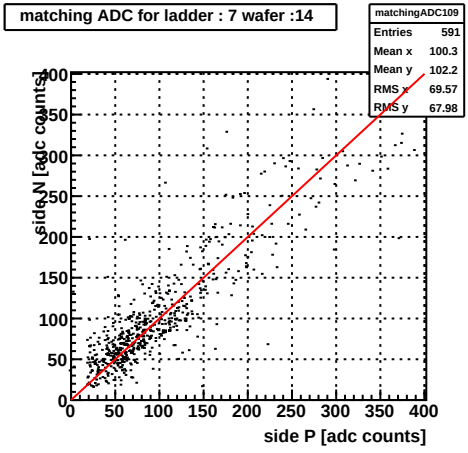

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 716
Mean x 86.59
Mean y 88.7
RMS x 62.46
RMS y 64.46
side N [adc counts]
side P [adc counts]

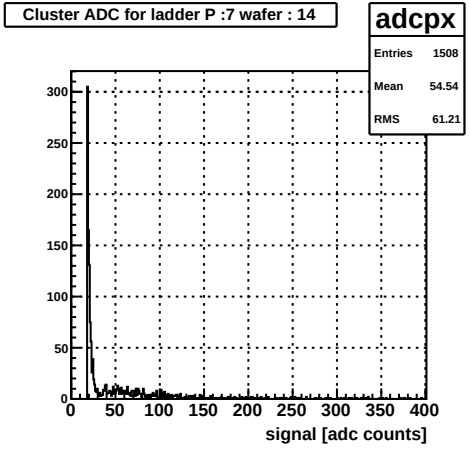

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 2258
Mean 44.29
RMS 50.07
signal [adc counts]

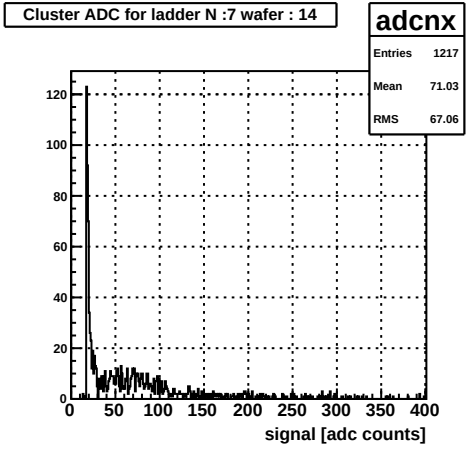

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 908
Mean 83.57
RMS 67.37
signal [adc counts]

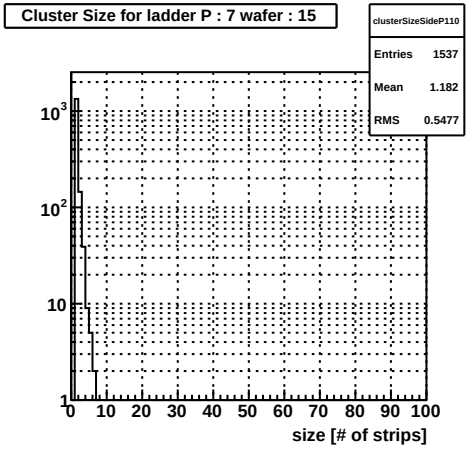

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 1508
Mean 1.277
RMS 0.6574
size [# of strips]

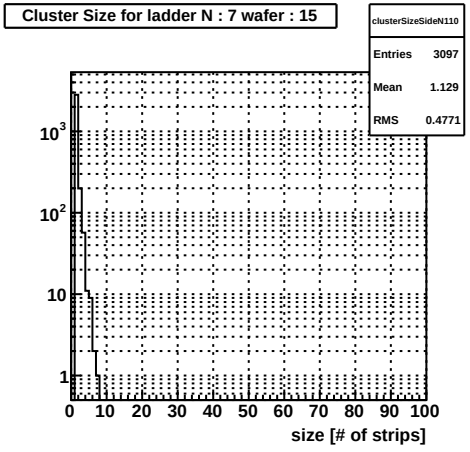

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 1217
Mean 1.67
RMS 0.981
size [# of strips]

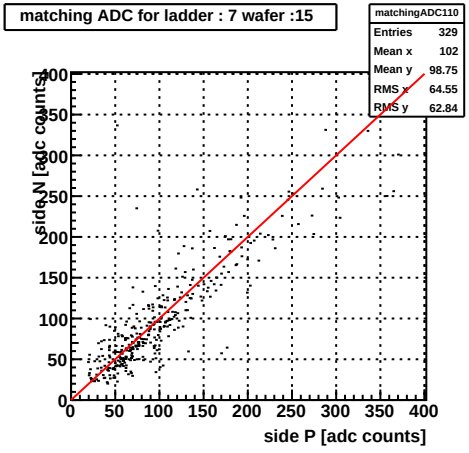

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 591
Mean x 100.3
Mean y 102.2
RMS x 69.57
RMS y 67.98
side N [adc counts]
side P [adc counts]

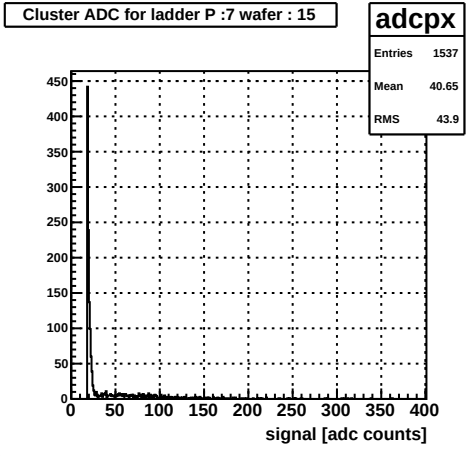

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 1508
Mean 54.54
RMS 61.21
signal [adc counts]

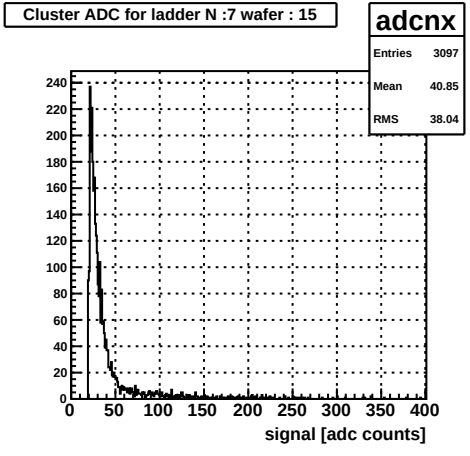

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 1217
Mean 71.03
RMS 67.06
signal [adc counts]

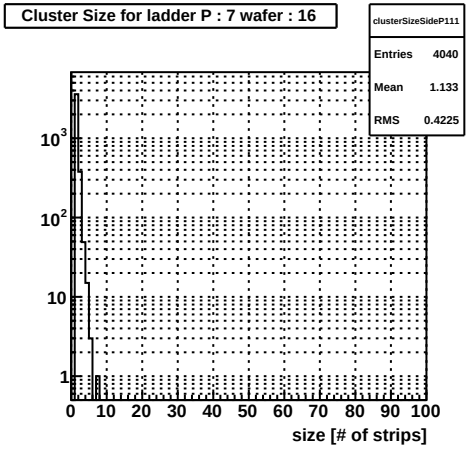

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 1537
Mean 1.182
RMS 0.5477
size [# of strips]

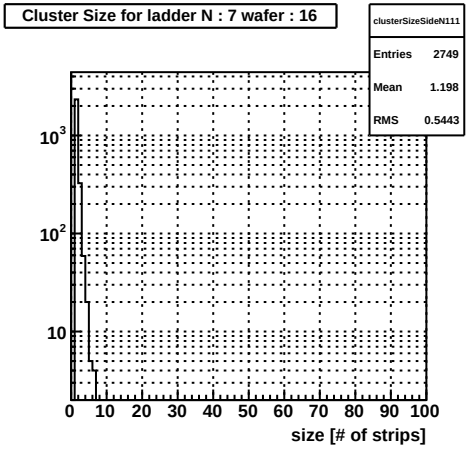

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 3097
Mean 1.129
RMS 0.4771
size [# of strips]

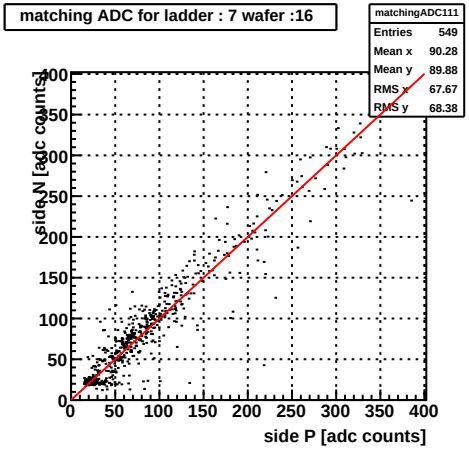

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 329
Mean x 102
Mean y 98.75
RMS x 64.55
RMS y 62.84
side N [adc counts]
side P [adc counts]

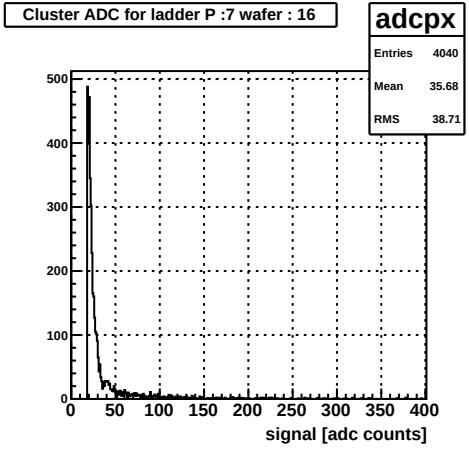

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 1537
Mean 40.65
RMS 43.9
signal [adc counts]

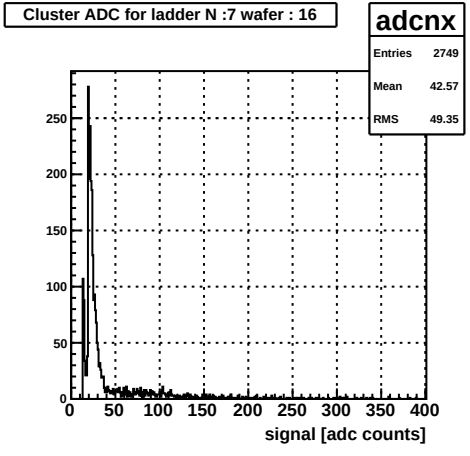

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 3097
Mean 40.85
RMS 38.04
signal [adc counts]

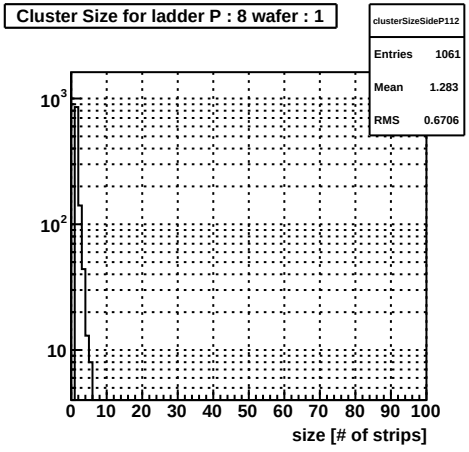

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 4040
Mean 1.133
RMS 0.4225
size [# of strips]

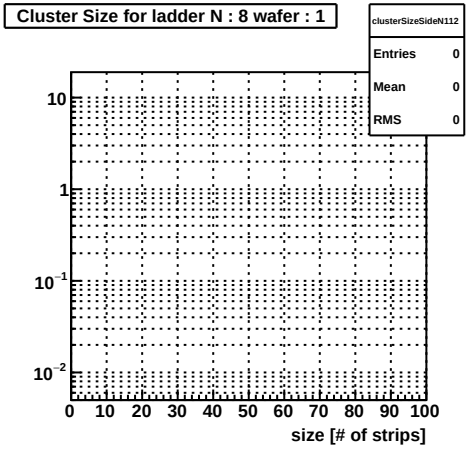

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 2749
Mean 1.198
RMS 0.5443
size [# of strips]

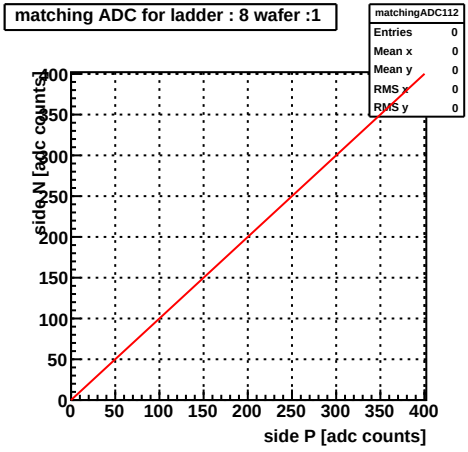

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 549
Mean x 90.28
Mean y 89.88
RMS x 67.67
RMS y 68.38
side N [adc counts]
side P [adc counts]

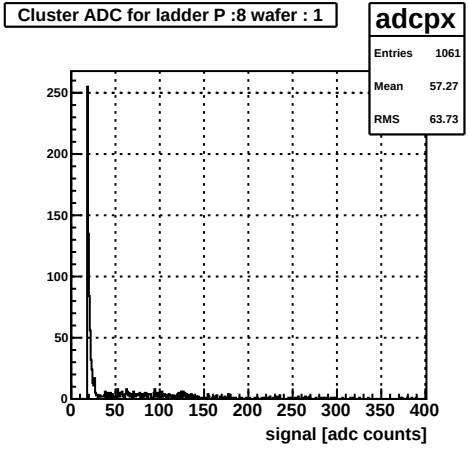

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 4040
Mean 35.68
RMS 38.71
signal [adc counts]

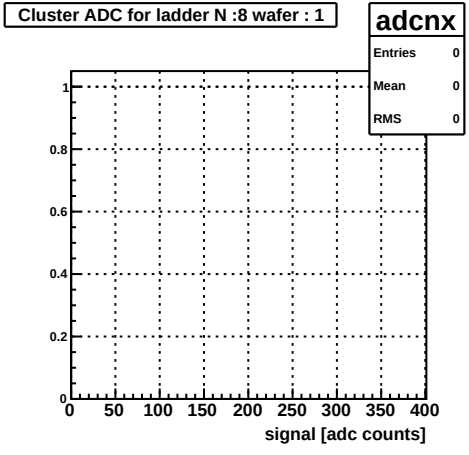

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 2749
Mean 42.57
RMS 49.35
signal [adc counts]

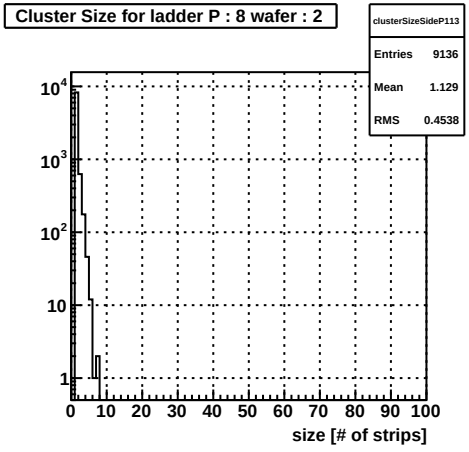

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 1061
Mean 1.283
RMS 0.6706
size [# of strips]

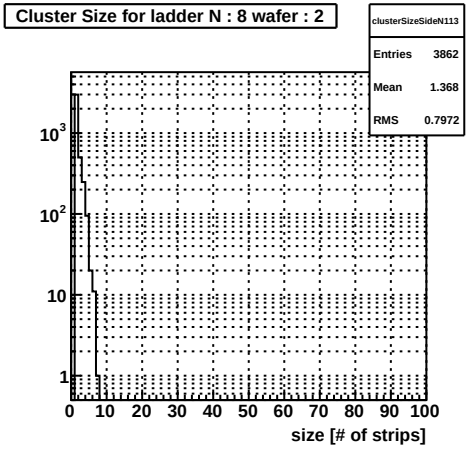

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

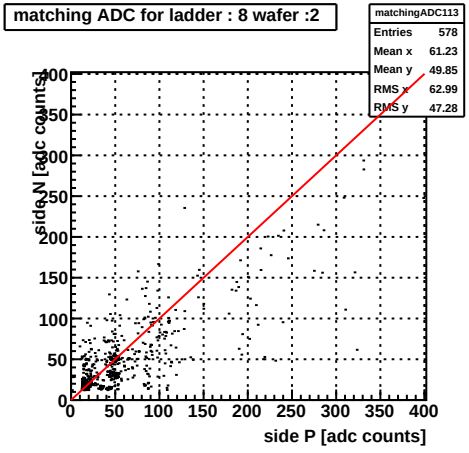

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

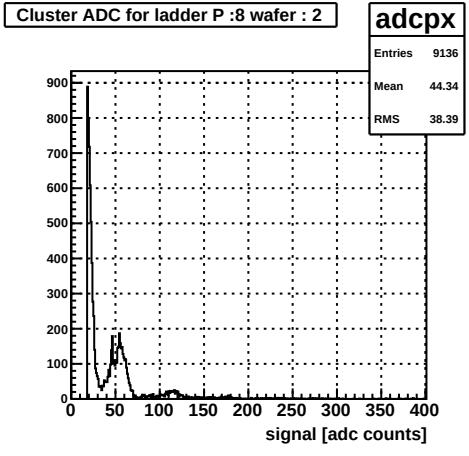

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 1061
Mean 57.27
RMS 63.73
signal [adc counts]

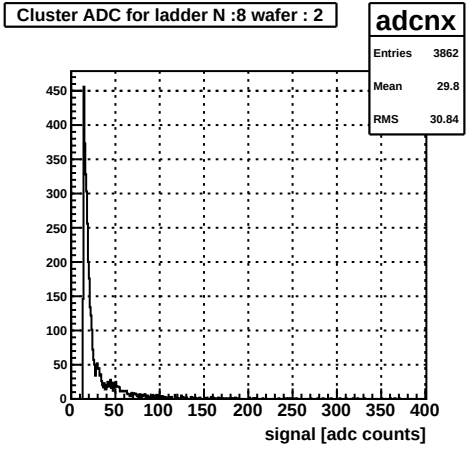

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

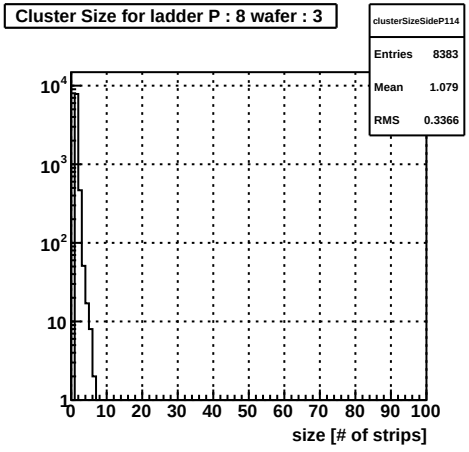

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 9136
Mean 1.129
RMS 0.4538
size [# of strips]

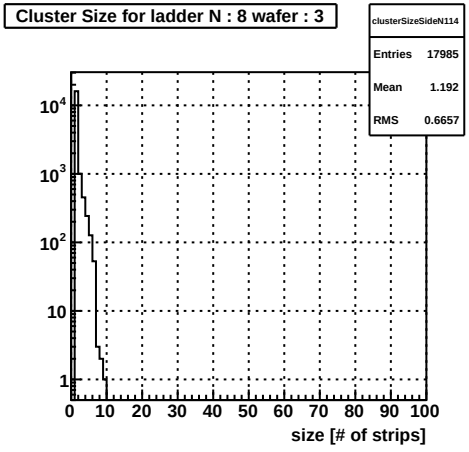

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 3862
Mean 1.368
RMS 0.7972
size [# of strips]

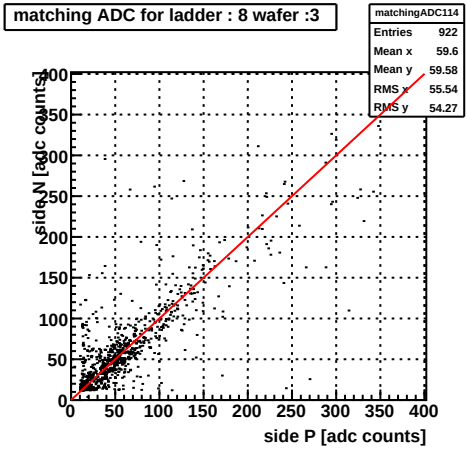

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 578
Mean x 61.23
Mean y 49.85
RMS x 62.99
RMS y 47.28
side N [adc counts]
side P [adc counts]

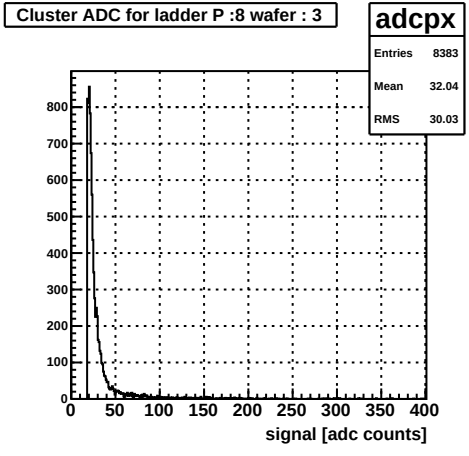

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 9136
Mean 44.34
RMS 38.39
signal [adc counts]

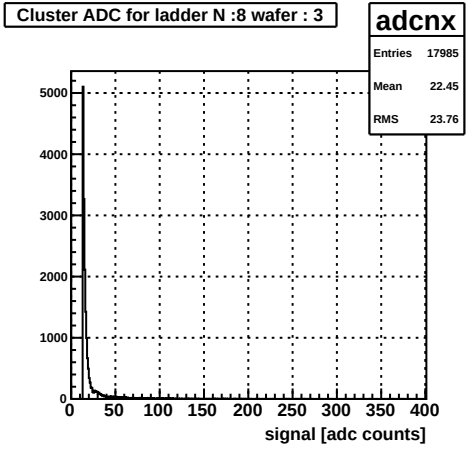

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 3862
Mean 29.8
RMS 30.84
signal [adc counts]

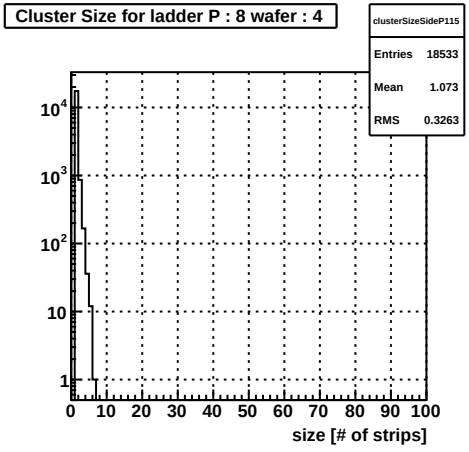

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 8383
Mean 1.079
RMS 0.3366
size [# of strips]

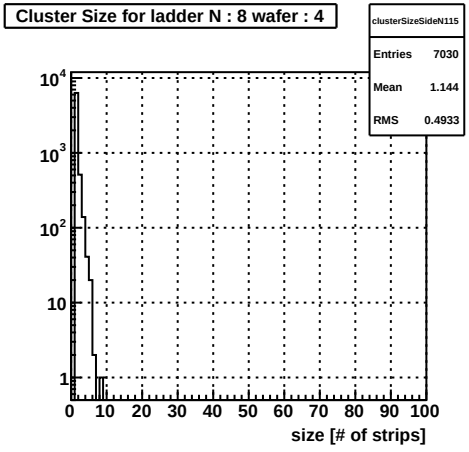

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 17985
Mean 1.192
RMS 0.6657
size [# of strips]

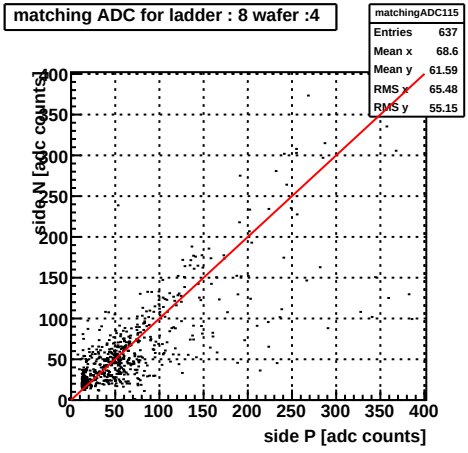

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 922
Mean x 59.6
Mean y 59.58
RMS x 55.54
RMS y 54.27
side N [adc counts]
side P [adc counts]

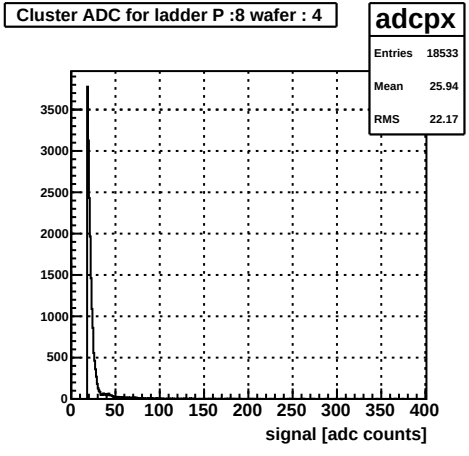

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 8383
Mean 32.04
RMS 30.03
signal [adc counts]

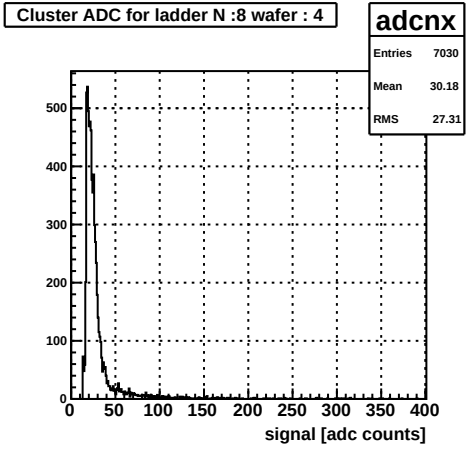

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 17985
Mean 22.45
RMS 23.76
signal [adc counts]

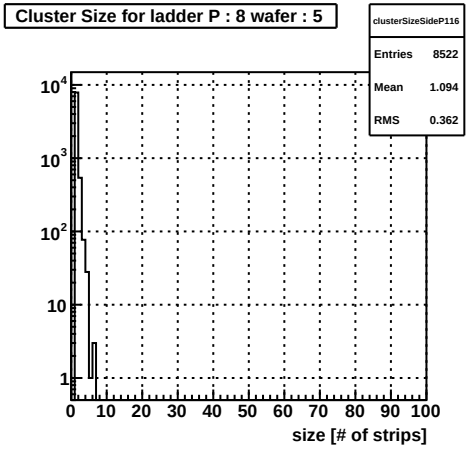

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 18533
Mean 1.073
RMS 0.3263
size [# of strips]

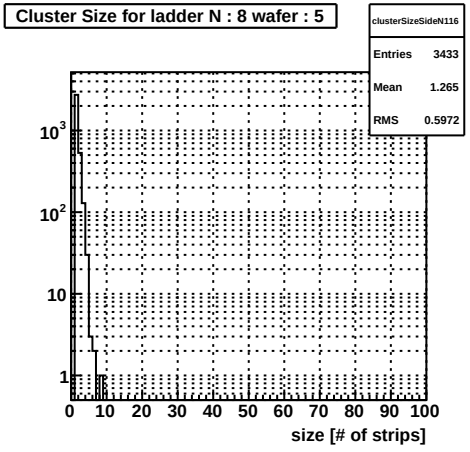

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 7030
Mean 1.144
RMS 0.4933
size [# of strips]

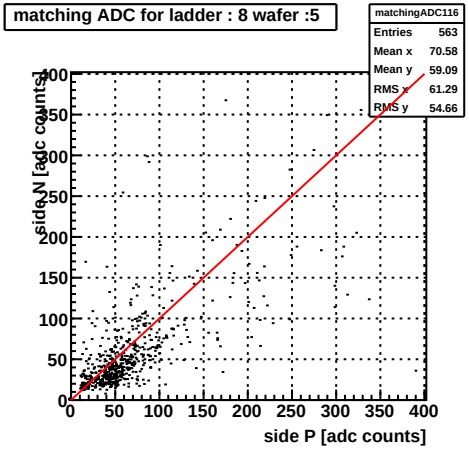

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 637
Mean x 68.6
Mean y 61.59
RMS x 65.48
RMS y 55.15
side N [adc counts]
side P [adc counts]

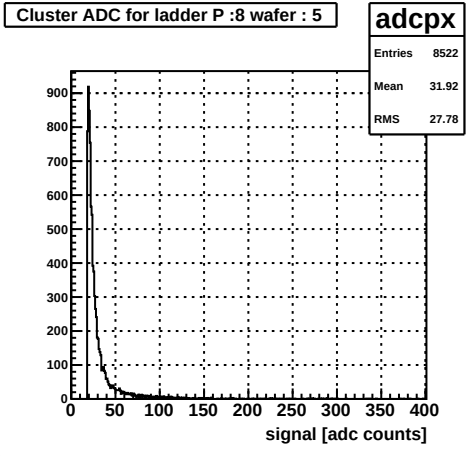

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 18533
Mean 25.94
RMS 22.17
signal [adc counts]

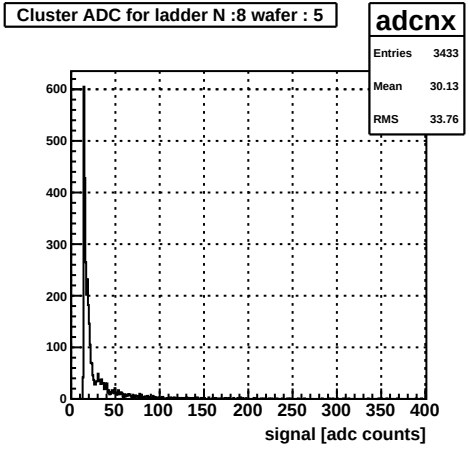

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 7030
Mean 30.18
RMS 27.31
signal [adc counts]

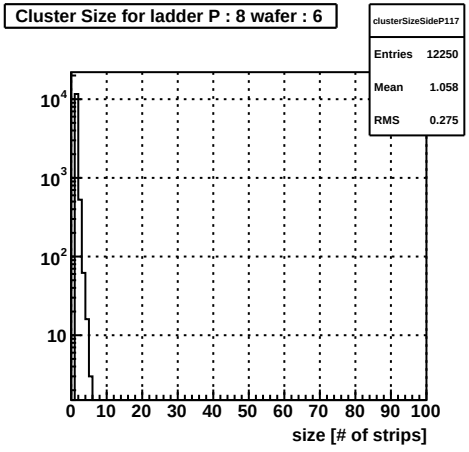

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 8522
Mean 1.094
RMS 0.362
size [# of strips]

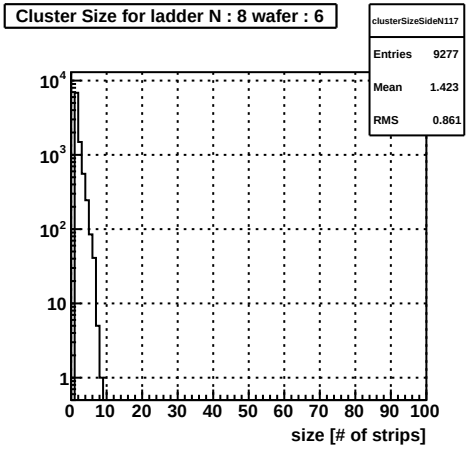

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 3433
Mean 1.265
RMS 0.5972
size [# of strips]

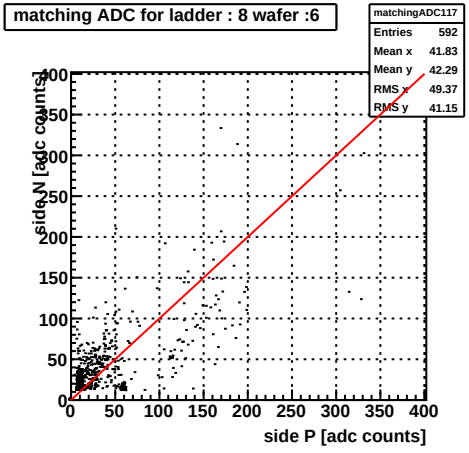

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 563
Mean x 70.58
Mean y 59.09
RMS x 61.29
RMS y 54.66
side N [adc counts]
side P [adc counts]

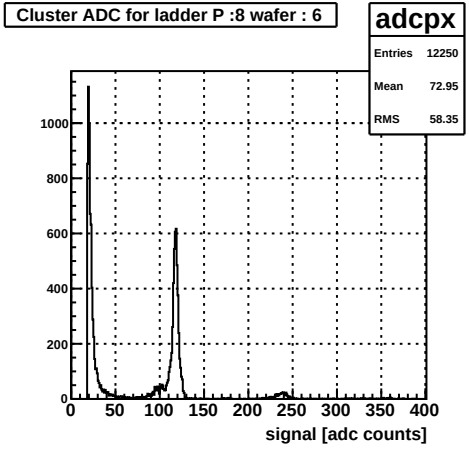

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 8522
Mean 31.92
RMS 27.78
signal [adc counts]

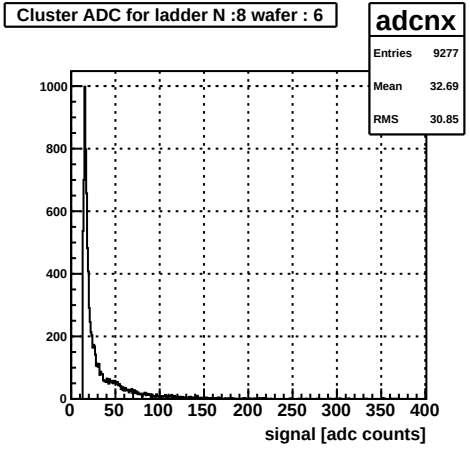

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 3433
Mean 30.13
RMS 33.76
signal [adc counts]

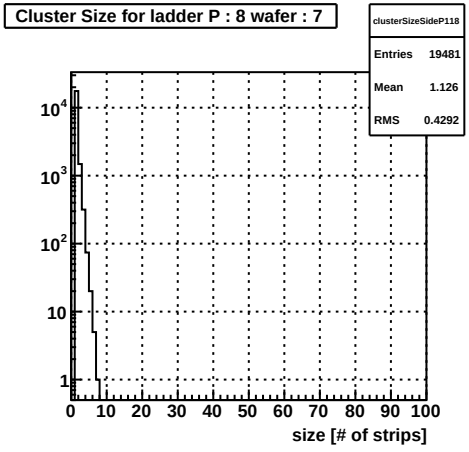

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 12250
Mean 1.058
RMS 0.275
size [# of strips]

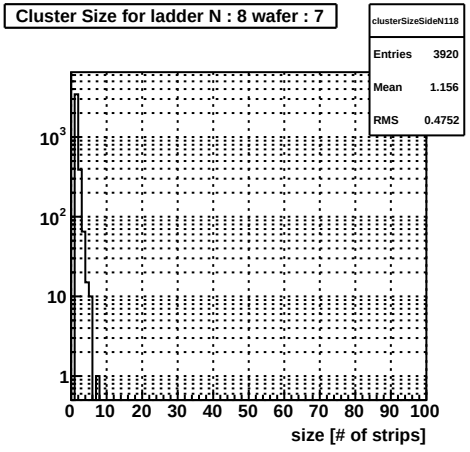

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 9277
Mean 1.423
RMS 0.861
size [# of strips]

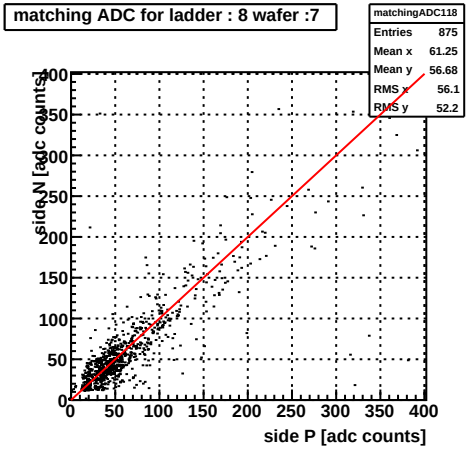

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 592
Mean x 41.83
Mean y 42.29
RMS x 49.37
RMS y 41.15
side N [adc counts]
side P [adc counts]

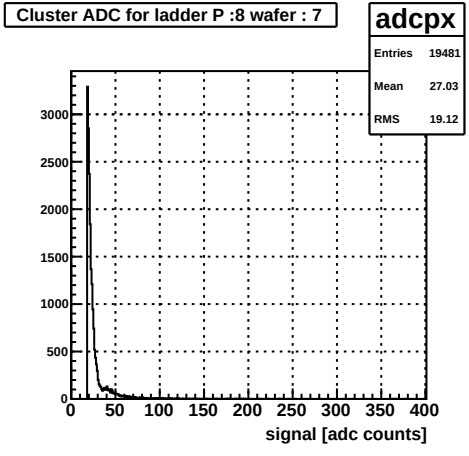

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 12250
Mean 72.95
RMS 58.35
signal [adc counts]

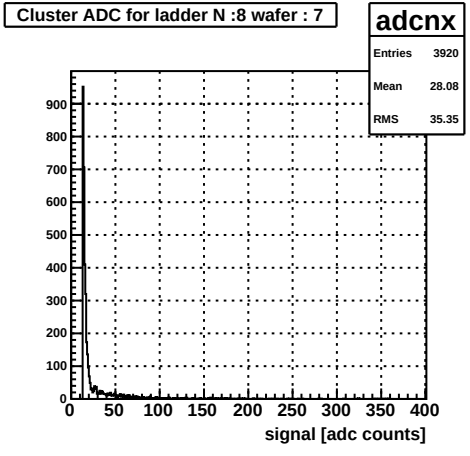

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 9277
Mean 32.69
RMS 30.85
signal [adc counts]

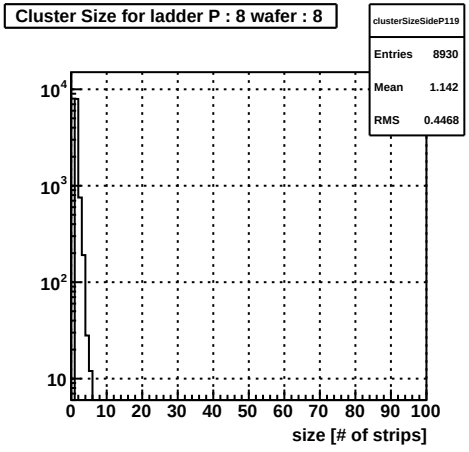

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 19481
Mean 1.126
RMS 0.4292
size [# of strips]

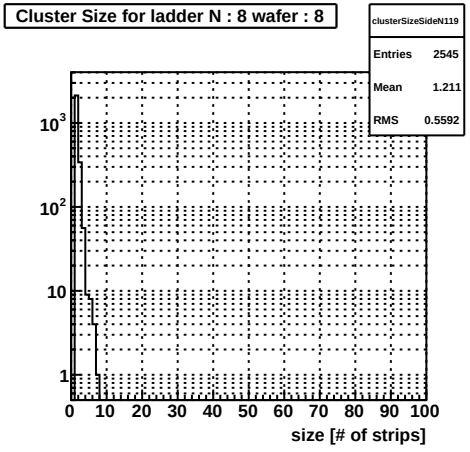

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 3920
Mean 1.156
RMS 0.4752
size [# of strips]

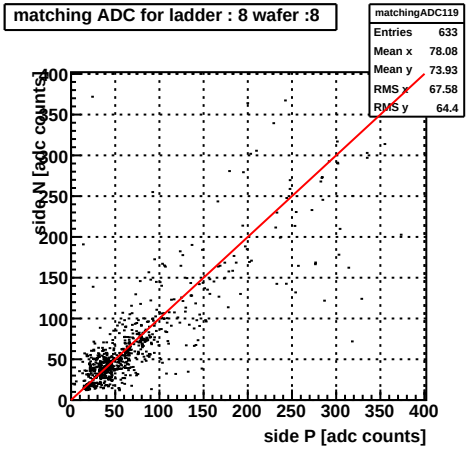

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 875
Mean x 61.25
Mean y 56.68
RMS x 56.1
RMS y 52.2
side N [adc counts]
side P [adc counts]

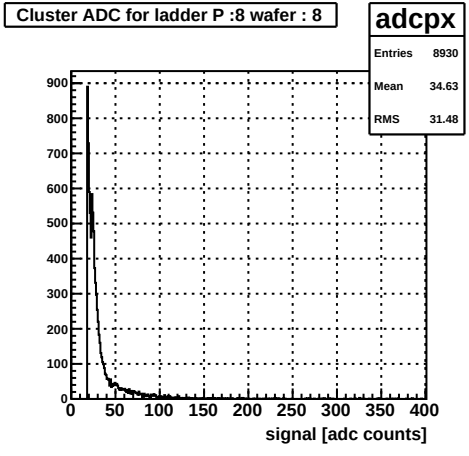

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 19481
Mean 27.03
RMS 19.12
signal [adc counts]

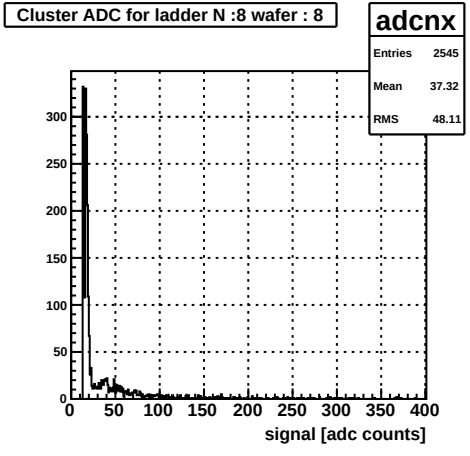

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 3920
Mean 28.08
RMS 35.35
signal [adc counts]

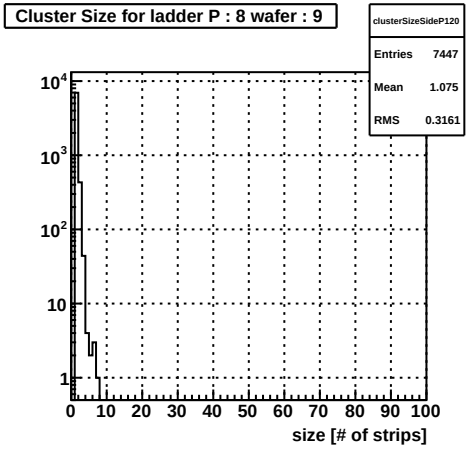

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 8930
Mean 1.142
RMS 0.4468
size [# of strips]

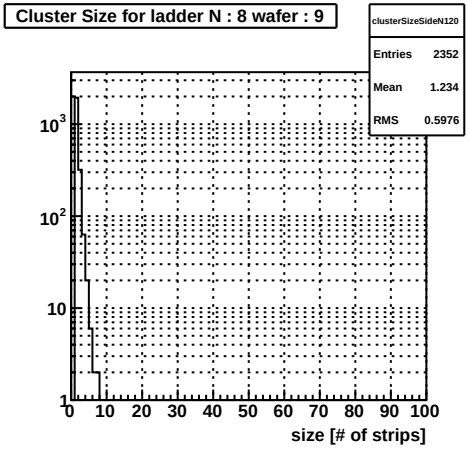

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 2545
Mean 1.211
RMS 0.5592
size [# of strips]

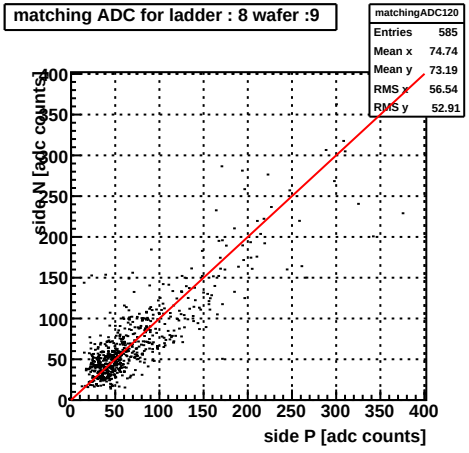

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 633
Mean x 78.08
Mean y 73.93
RMS x 67.58
RMS y 64.4
side N [adc counts]
side P [adc counts]

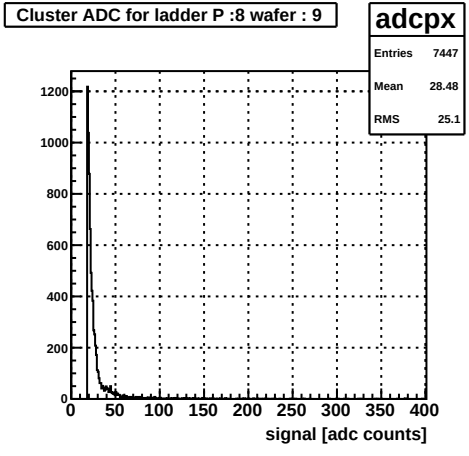

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 8930
Mean 34.63
RMS 31.48
signal [adc counts]

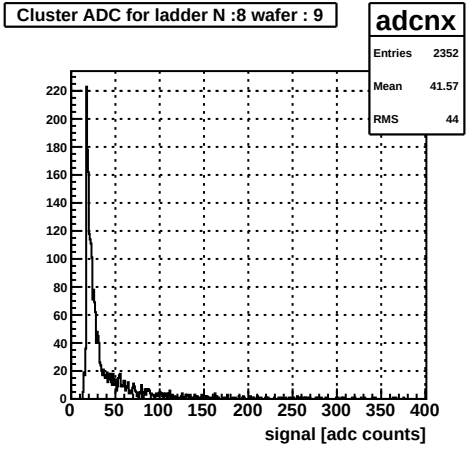

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 2545
Mean 37.32
RMS 48.11
signal [adc counts]

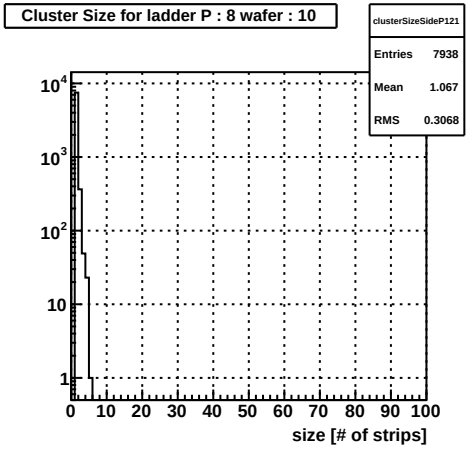

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 7447
Mean 1.075
RMS 0.3161
size [# of strips]

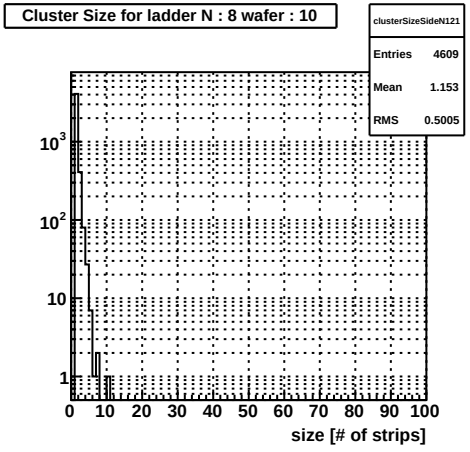

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 2352
Mean 1.234
RMS 0.5976
size [# of strips]

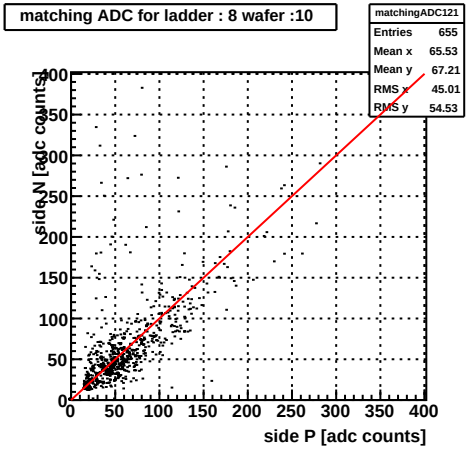

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 585
Mean x 74.74
Mean y 73.19
RMS x 56.54
RMS y 52.91
side N [adc counts]
side P [adc counts]

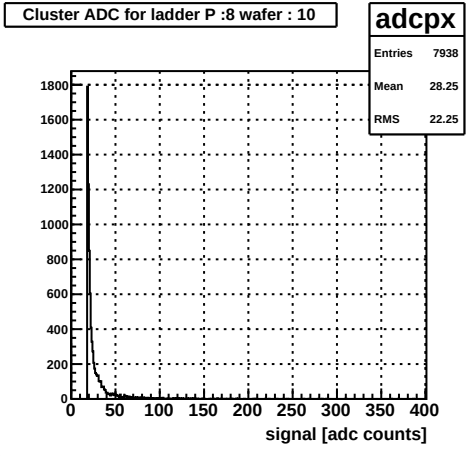

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 7447
Mean 28.48
RMS 25.1
signal [adc counts]

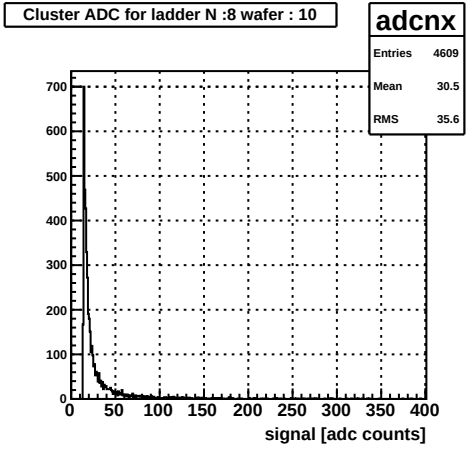

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 2352
Mean 41.57
RMS 44
signal [adc counts]

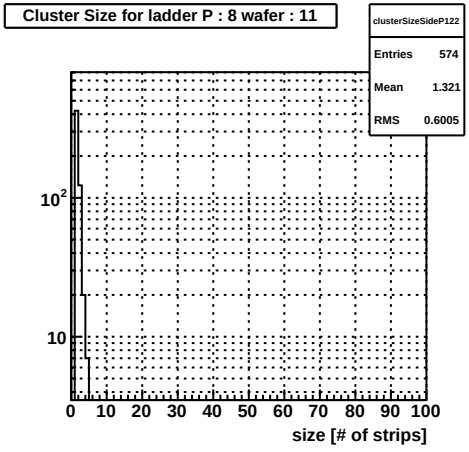

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 7938
Mean 1.067
RMS 0.3068
size [# of strips]

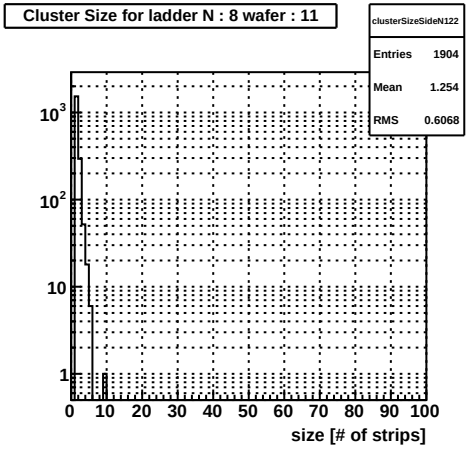

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 4609
Mean 1.153
RMS 0.5005
size [# of strips]

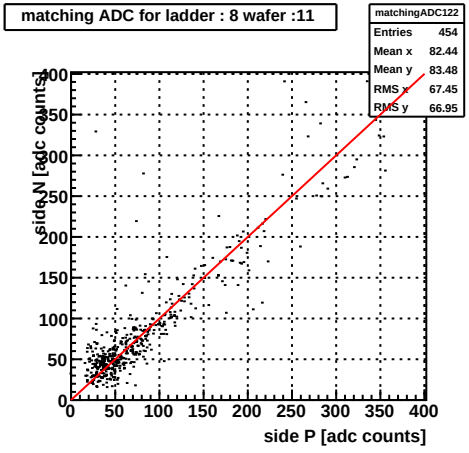

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 655
Mean x 65.53
Mean y 67.21
RMS x 45.01
RMS y 54.53
side N [adc counts]
side P [adc counts]

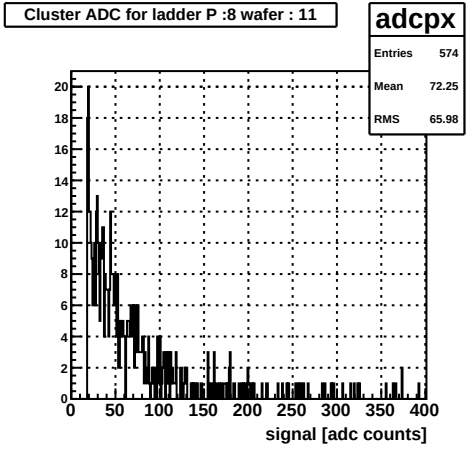

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 7938
Mean 28.25
RMS 22.25
signal [adc counts]

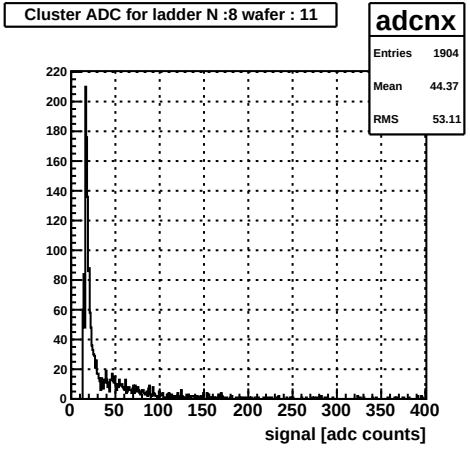

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 4609
Mean 30.5
RMS 35.6
signal [adc counts]

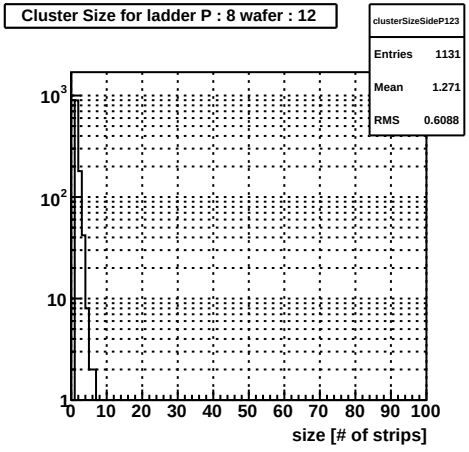

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 574
Mean 1.321
RMS 0.6005
size [# of strips]

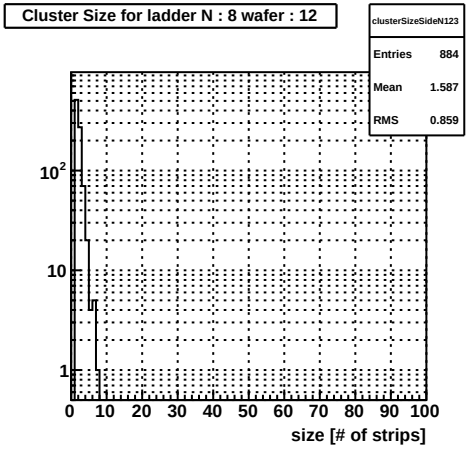

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 1904
Mean 1.254
RMS 0.6068
size [# of strips]

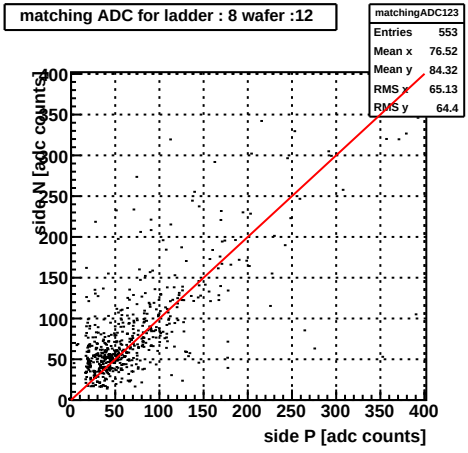

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 454
Mean x 82.44
Mean y 83.48
RMS x 67.45
RMS y 66.95
side N [adc counts]
side P [adc counts]

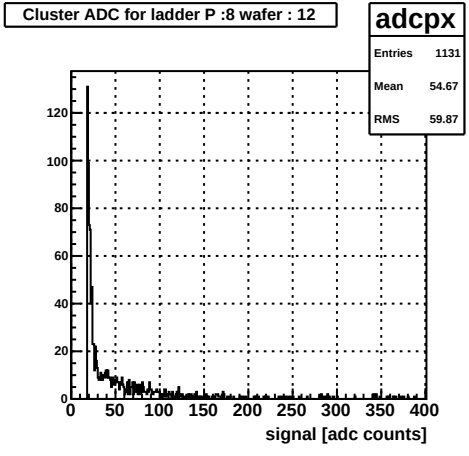

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 574
Mean 72.25
RMS 65.98
signal [adc counts]

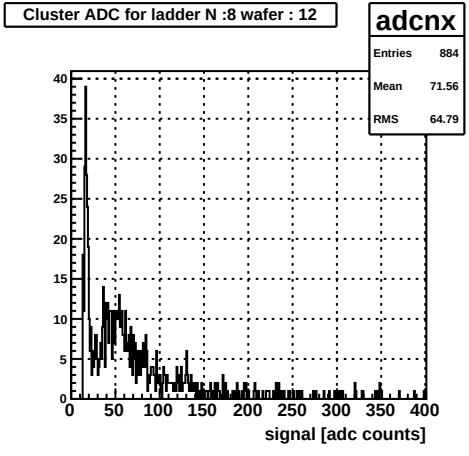

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 1904
Mean 44.37
RMS 53.11
signal [adc counts]

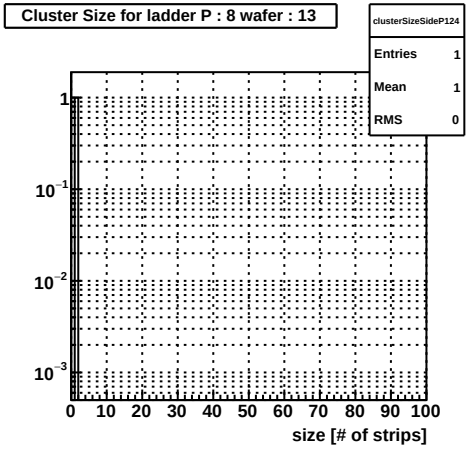

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 1131
Mean 1.271
RMS 0.6088
size [# of strips]

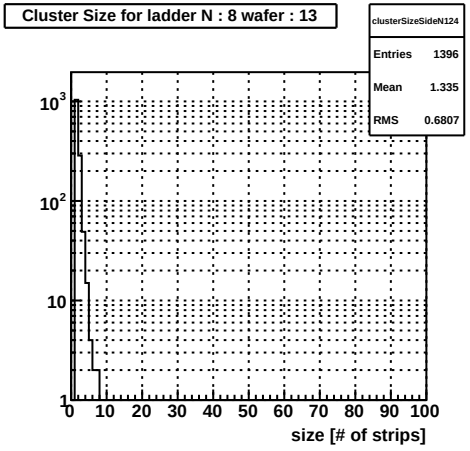

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 884
Mean 1.587
RMS 0.859
size [# of strips]

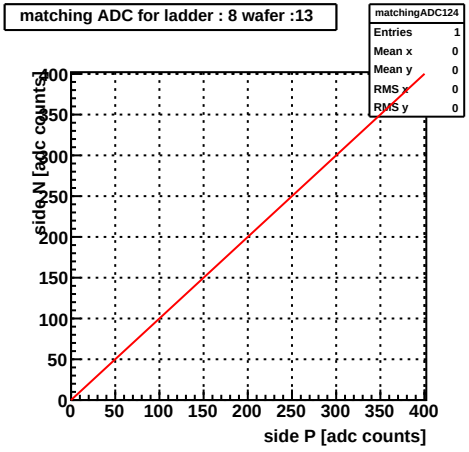

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 553
Mean x 76.52
Mean y 84.32
RMS x 65.13
RMS y 64.4
side N [adc counts]
side P [adc counts]

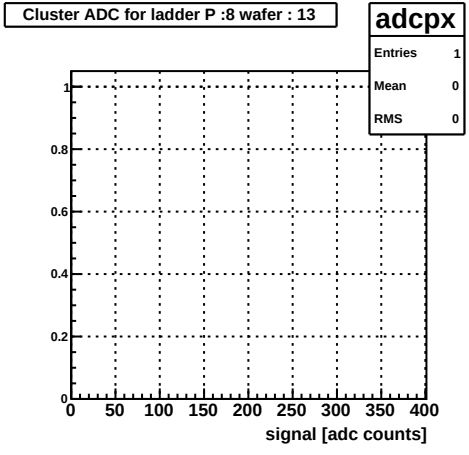

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 1131
Mean 54.67
RMS 59.87
signal [adc counts]

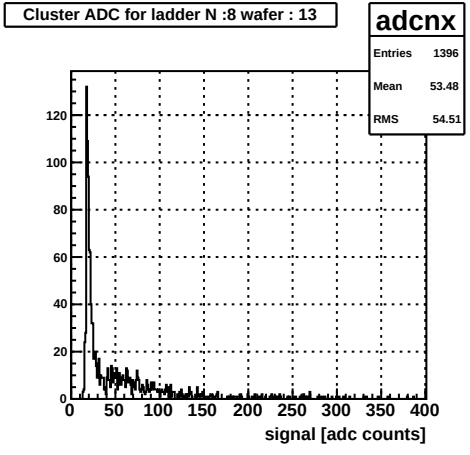

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 884
Mean 71.56
RMS 64.79
signal [adc counts]

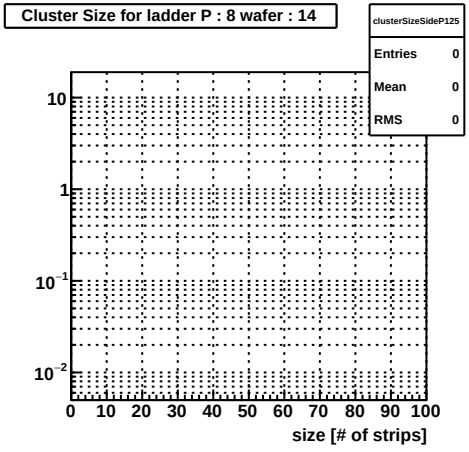

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 1
Mean 1
RMS 0
size [# of strips]

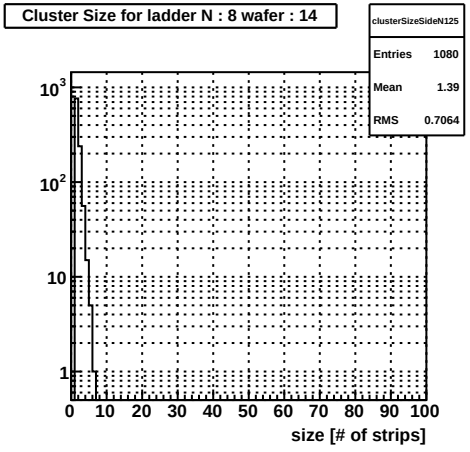

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 1396
Mean 1.335
RMS 0.6807
size [# of strips]

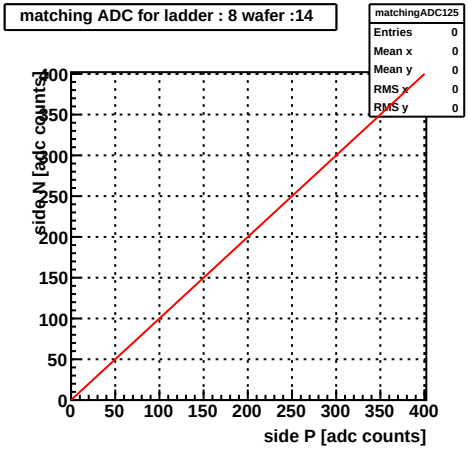

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

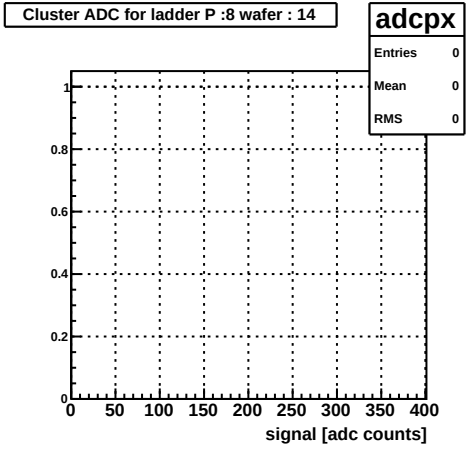

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

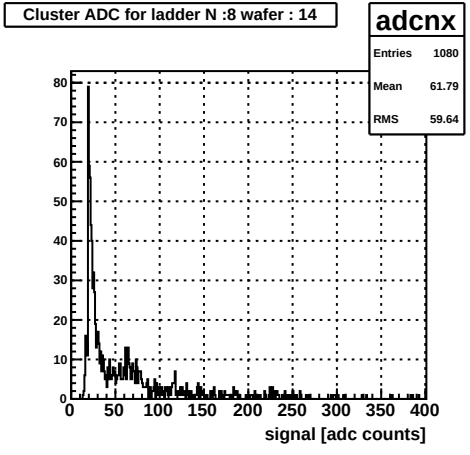

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 1396
Mean 53.48
RMS 54.51
signal [adc counts]

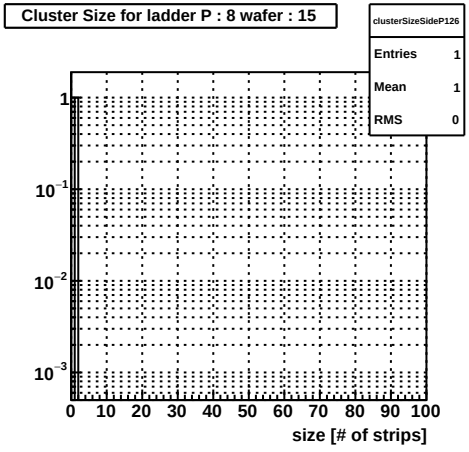

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

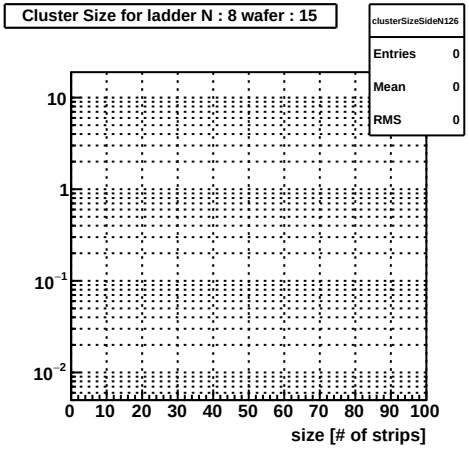

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 1080
Mean 1.39
RMS 0.7064
size [# of strips]

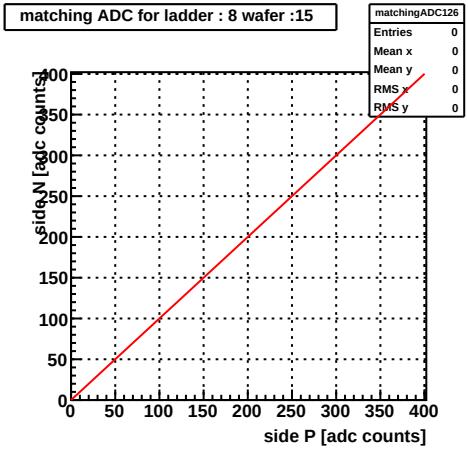

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

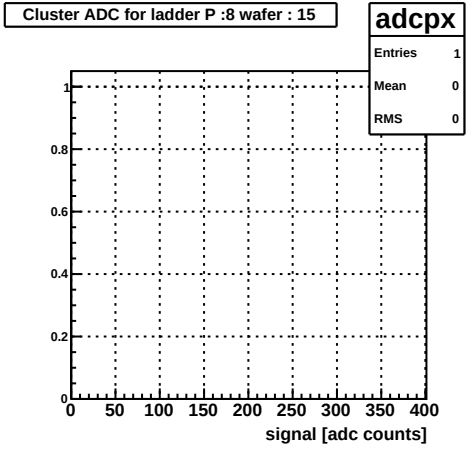

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

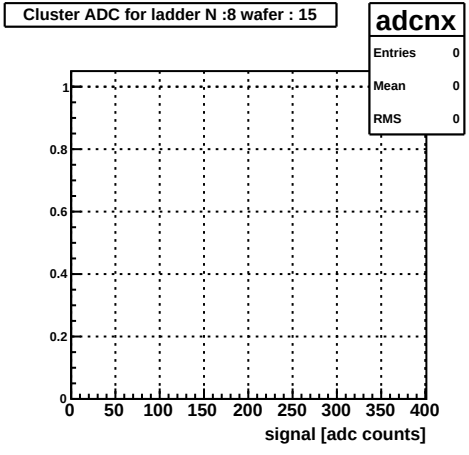

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 1080
Mean 61.79
RMS 59.64
signal [adc counts]

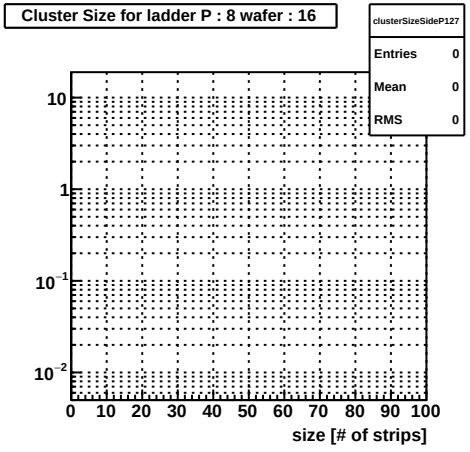

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 1
Mean 1
RMS 0
size [# of strips]

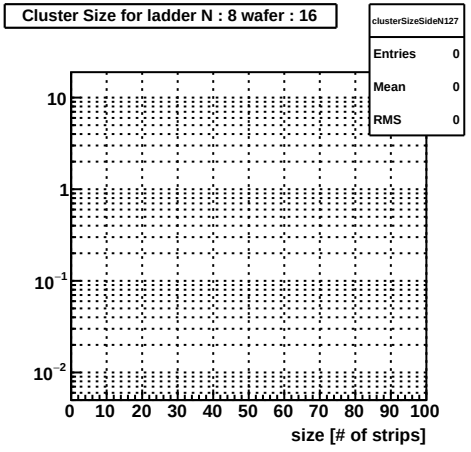

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

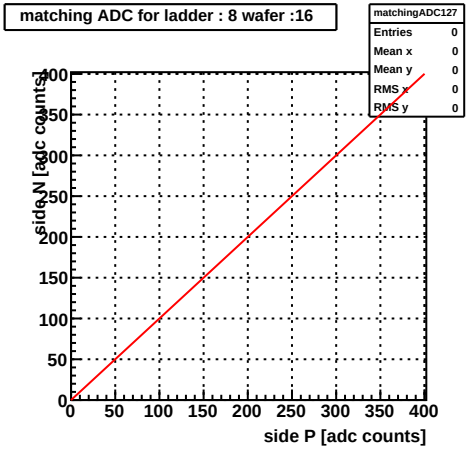

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

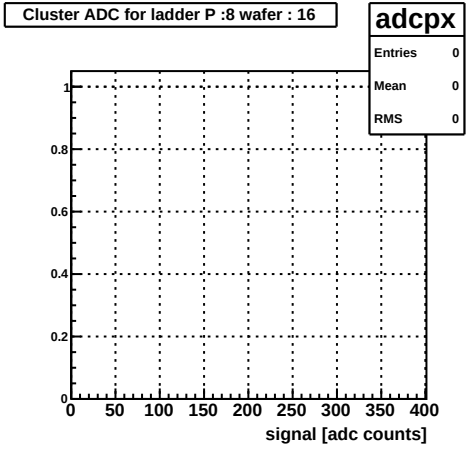

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

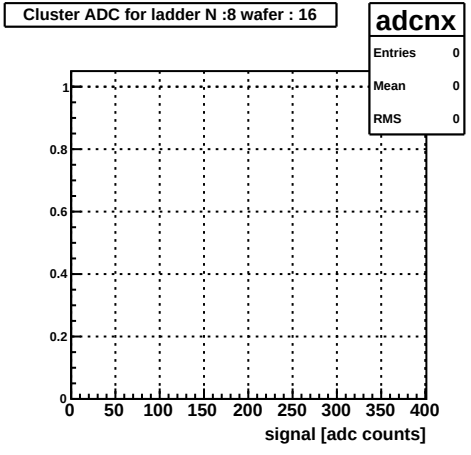

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

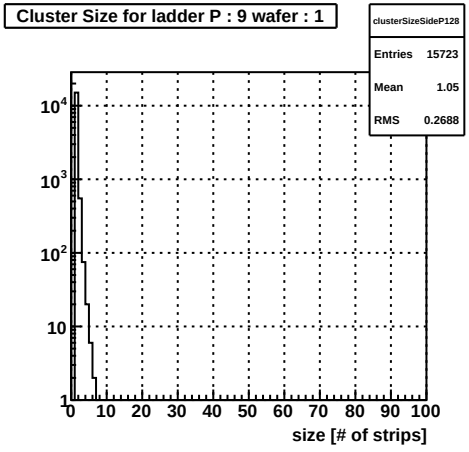

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

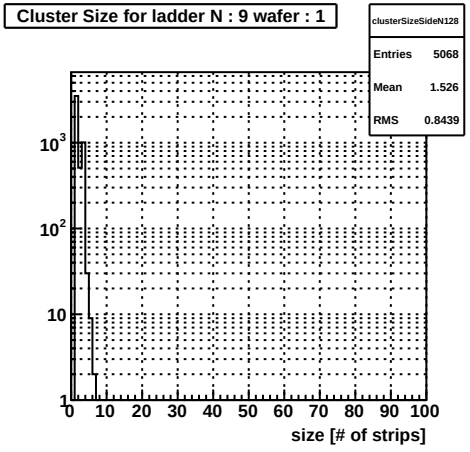

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

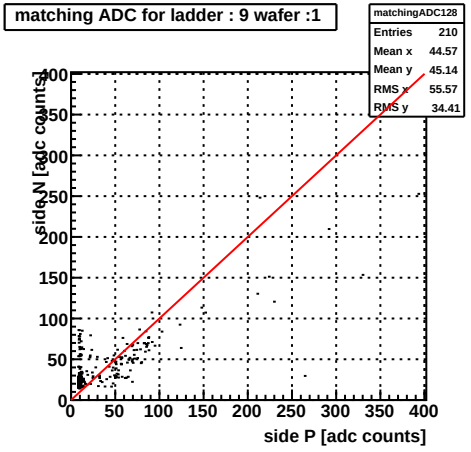

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

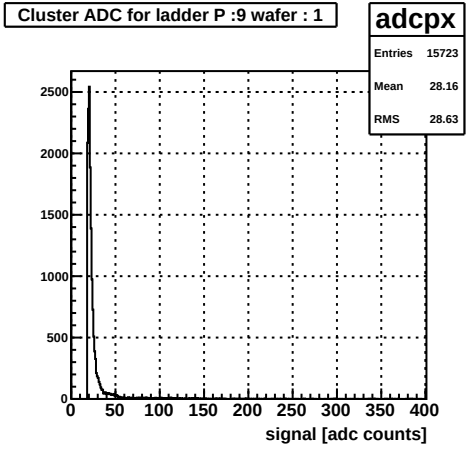

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

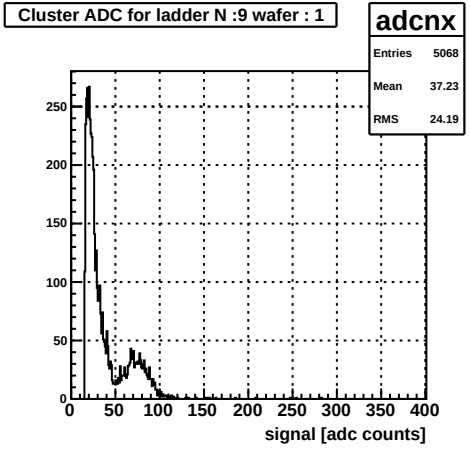

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

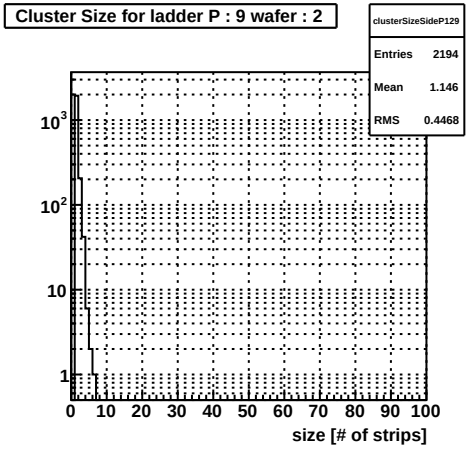

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 15723
Mean 1.05
RMS 0.2688
size [# of strips]

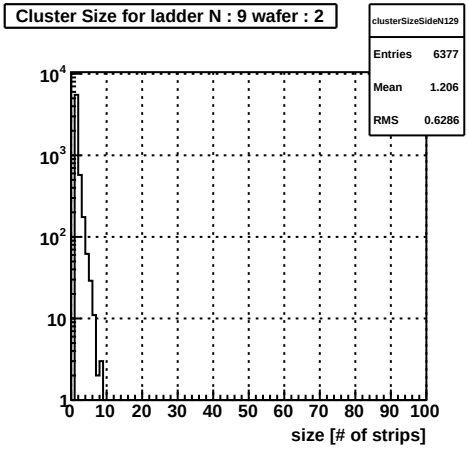

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 5068
Mean 1.526
RMS 0.8439
size [# of strips]

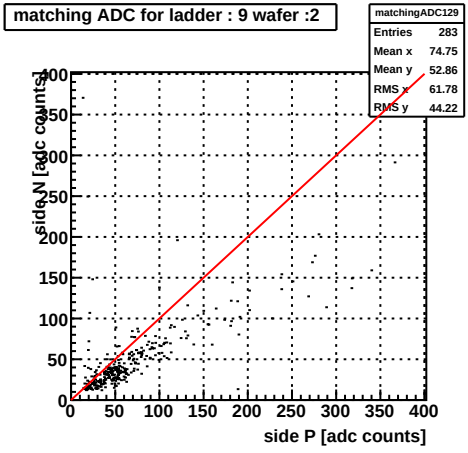

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 210
Mean x 44.57
Mean y 45.14
RMS x 55.57
RMS y 34.41
side N [adc counts]
side P [adc counts]

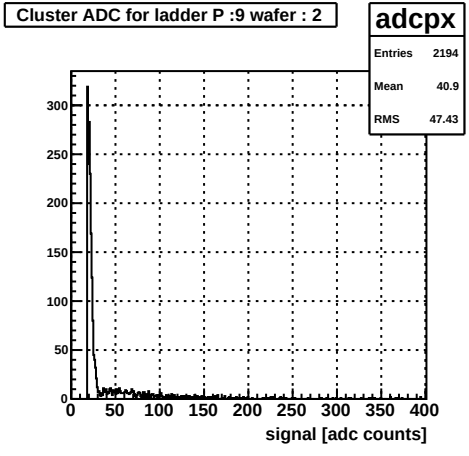

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 15723
Mean 28.16
RMS 28.63
signal [adc counts]

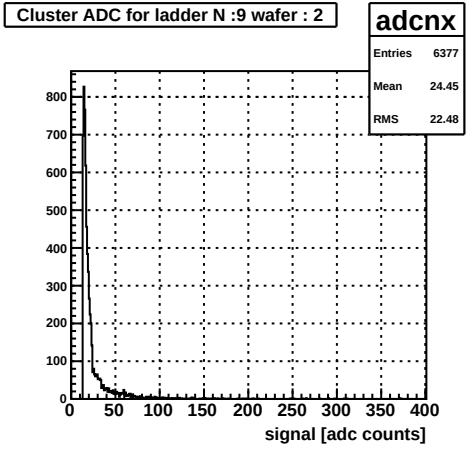

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 5068
Mean 37.23
RMS 24.19
signal [adc counts]

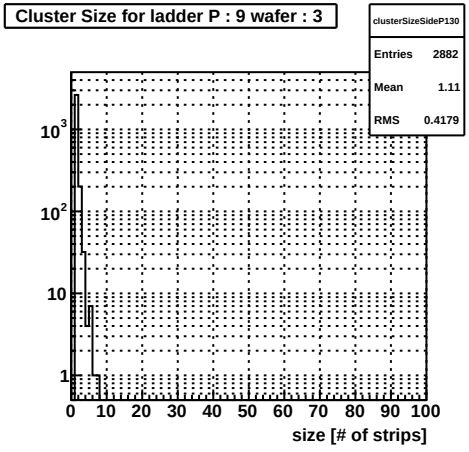

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 2194
Mean 1.146
RMS 0.4468
size [# of strips]

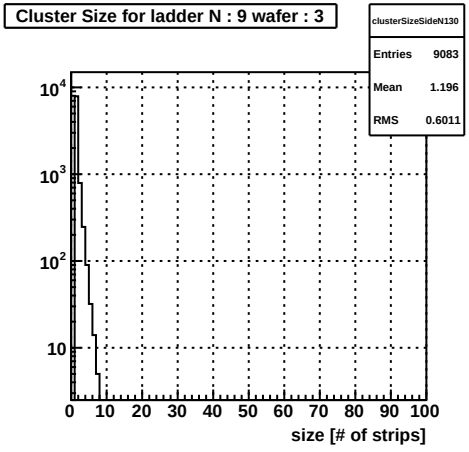

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 6377
Mean 1.206
RMS 0.6286
size [# of strips]

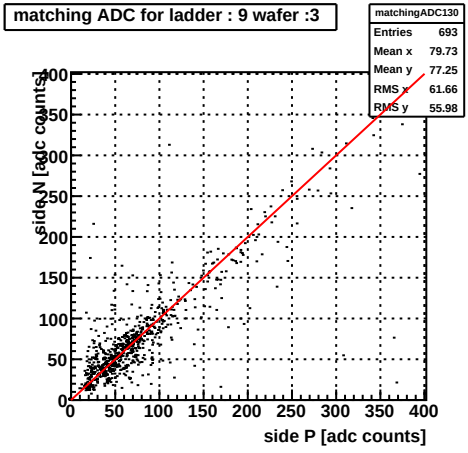

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 283
Mean x 74.75
Mean y 52.86
RMS x 61.78
RMS y 44.22
side N [adc counts]
side P [adc counts]

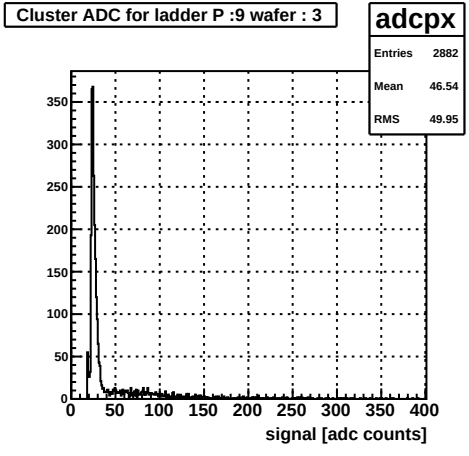

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 2194
Mean 40.9
RMS 47.43
signal [adc counts]

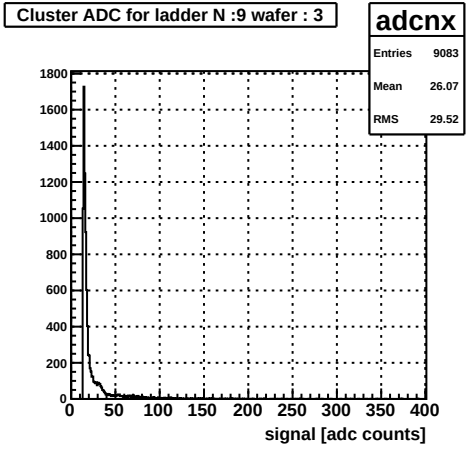

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 6377
Mean 24.45
RMS 22.48
signal [adc counts]

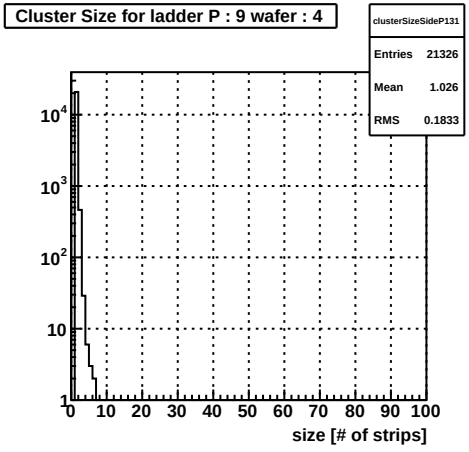

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 2882
Mean 1.11
RMS 0.4179
size [# of strips]

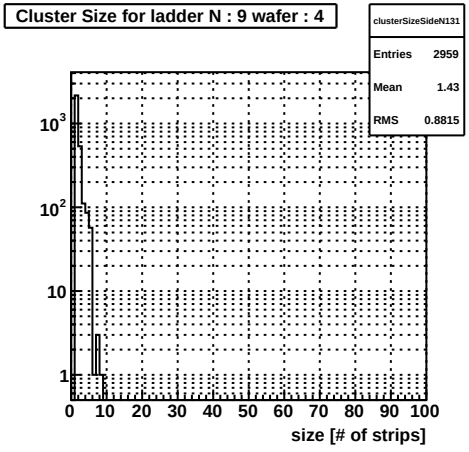

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 9083
Mean 1.196
RMS 0.6011
size [# of strips]

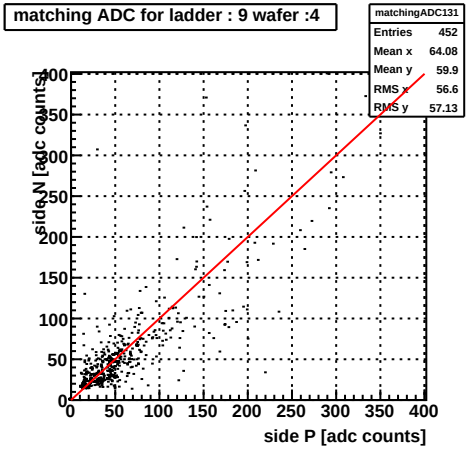

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 693
Mean x 79.73
Mean y 77.25
RMS x 61.66
RMS y 55.98
side N [adc counts]
side P [adc counts]

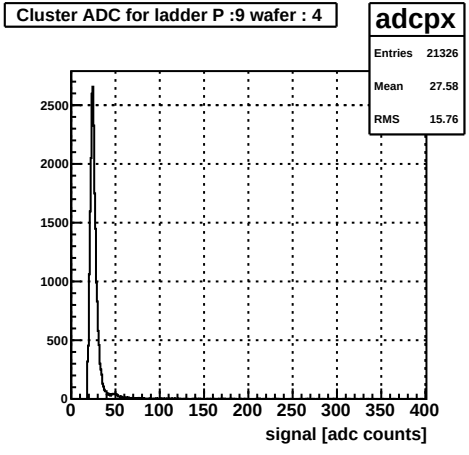

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 2882
Mean 46.54
RMS 49.95
signal [adc counts]

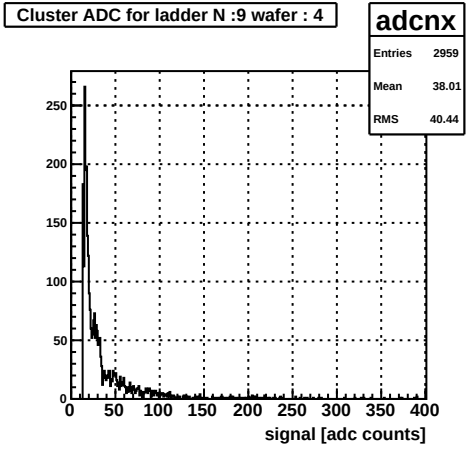

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 9083
Mean 26.07
RMS 29.52
signal [adc counts]

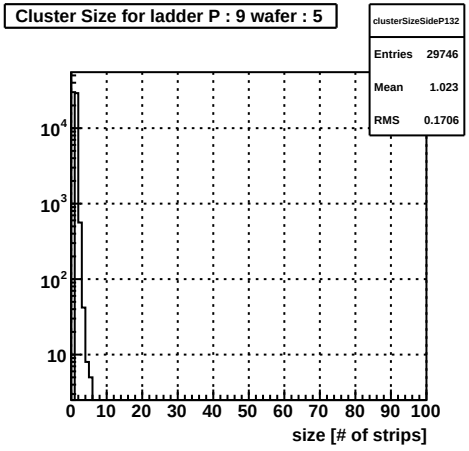

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 21326
Mean 1.026
RMS 0.1833
size [# of strips]

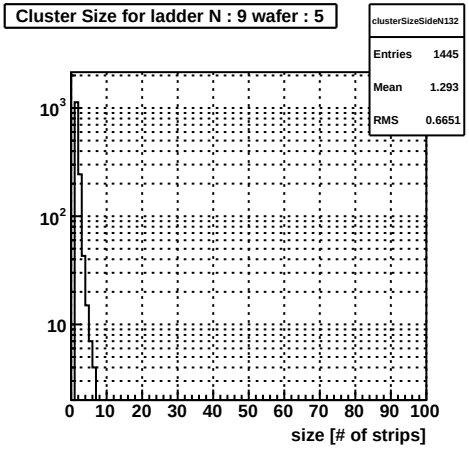

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 2959
Mean 1.43
RMS 0.8815
size [# of strips]

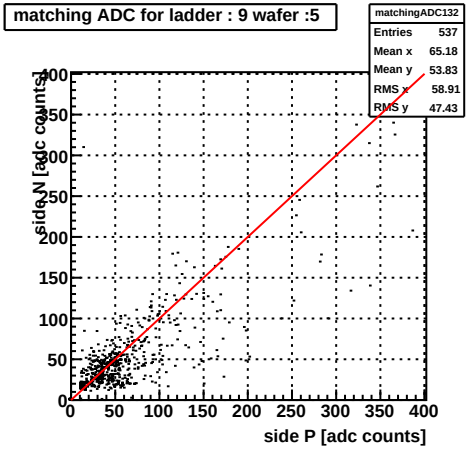

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 452
Mean x 64.08
Mean y 59.9
RMS x 56.6
RMS y 57.13
side N [adc counts]
side P [adc counts]

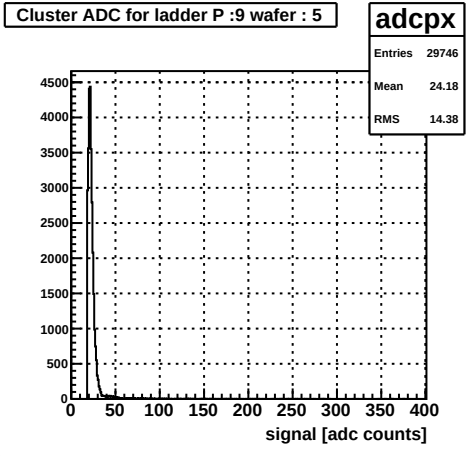

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 21326
Mean 27.58
RMS 15.76
signal [adc counts]

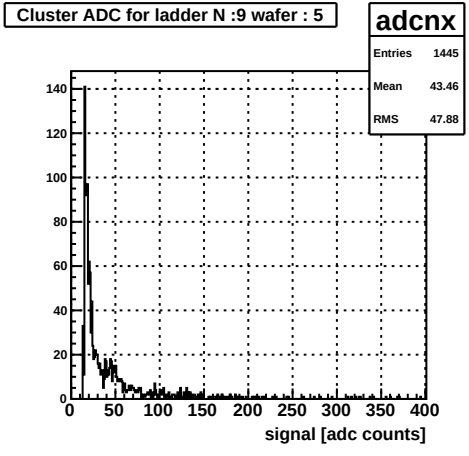

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 2959
Mean 38.01
RMS 40.44
signal [adc counts]

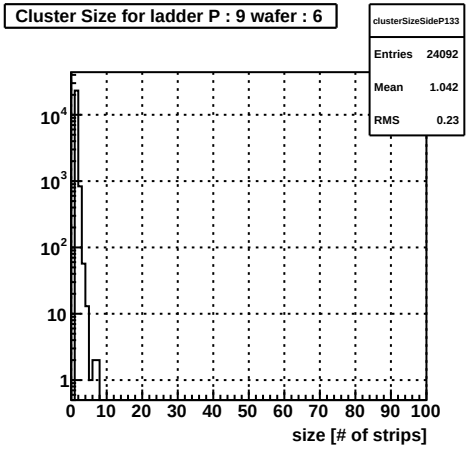

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 29746
Mean 1.023
RMS 0.1706
size [# of strips]

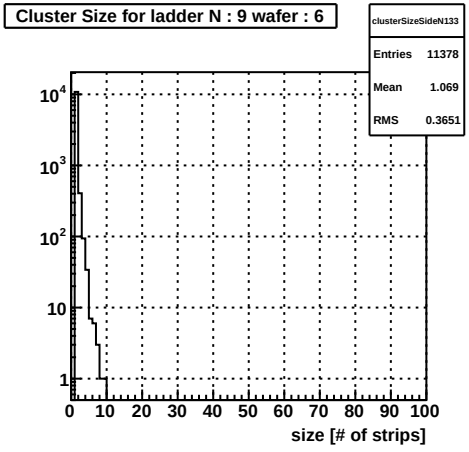

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 1445
Mean 1.293
RMS 0.6651
size [# of strips]

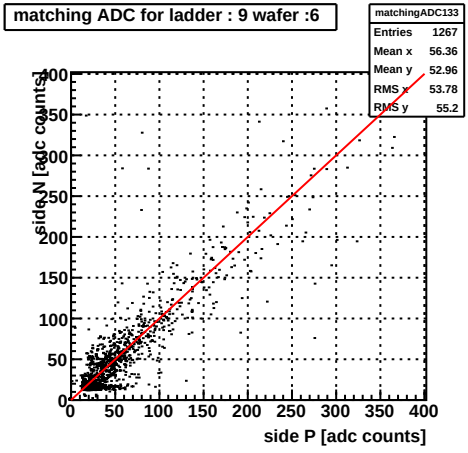

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 537
Mean x 65.18
Mean y 53.83
RMS x 58.91
RMS y 47.43
side N [adc counts]
side P [adc counts]

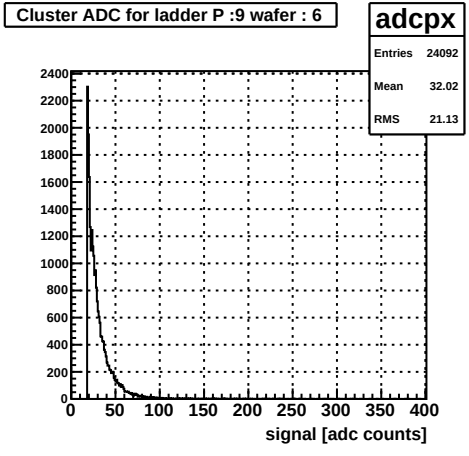

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 29746
Mean 24.18
RMS 14.38
signal [adc counts]

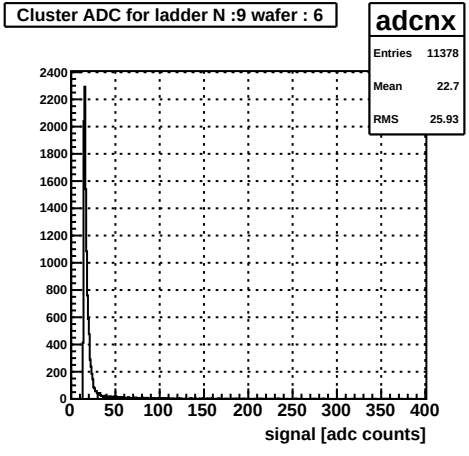

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 1445
Mean 43.46
RMS 47.88
signal [adc counts]

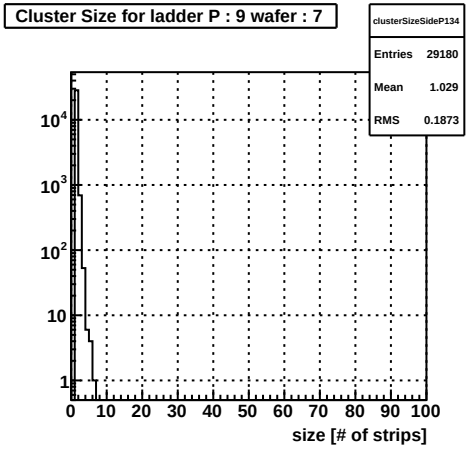

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 24092
Mean 1.042
RMS 0.23
size [# of strips]

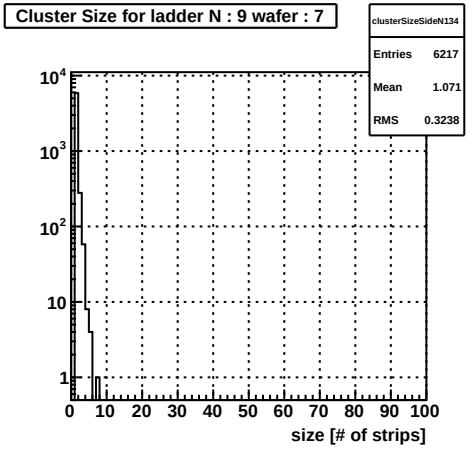

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 11378
Mean 1.069
RMS 0.3651
size [# of strips]

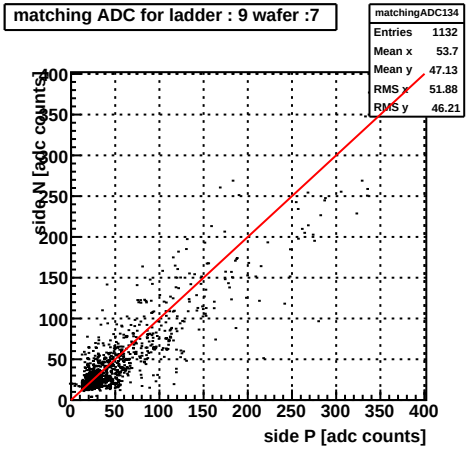

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 1267
Mean x 56.36
Mean y 52.96
RMS x 53.78
RMS y 55.2
side N [adc counts]
side P [adc counts]

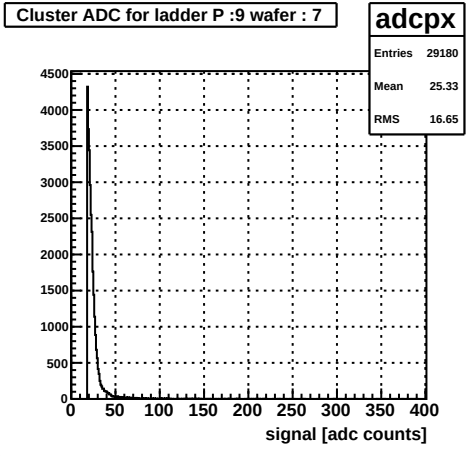

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 24092
Mean 32.02
RMS 21.13
signal [adc counts]

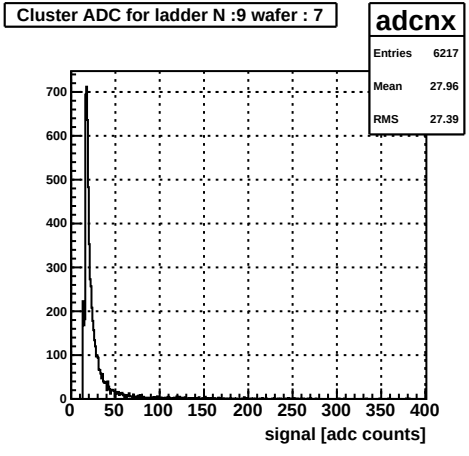

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 11378
Mean 22.7
RMS 25.93
signal [adc counts]

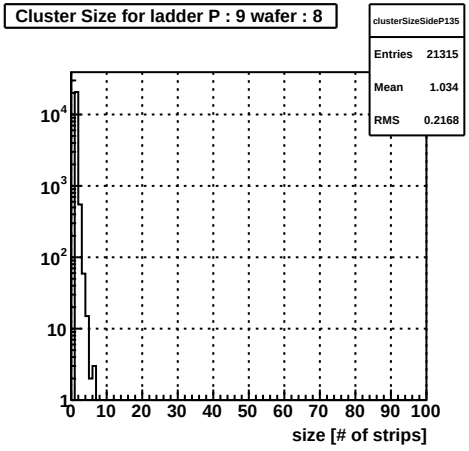

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 29180
Mean 1.029
RMS 0.1873
size [# of strips]

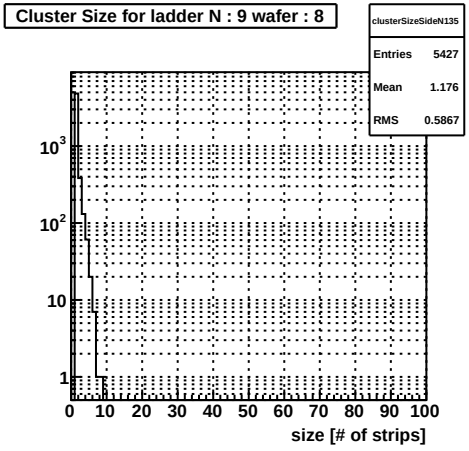

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 6217
Mean 1.071
RMS 0.3238
size [# of strips]

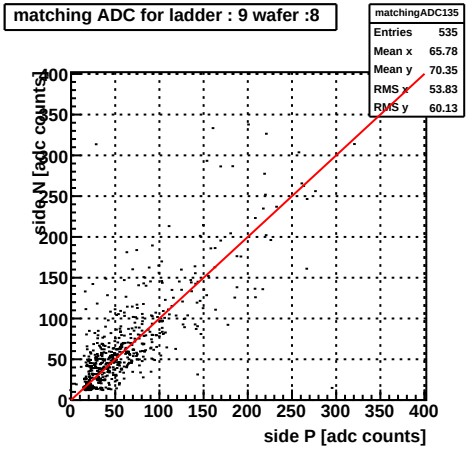

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1132
Mean x 53.7
Mean y 47.13
RMS x 51.88
RMS y 46.21
side N [adc counts]
side P [adc counts]

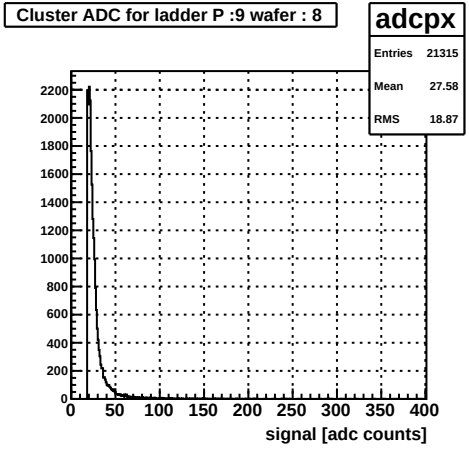

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 29180
Mean 25.33
RMS 16.65
signal [adc counts]

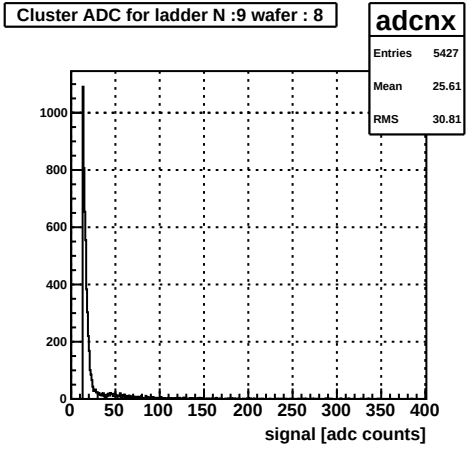

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 6217
Mean 27.96
RMS 27.39
signal [adc counts]

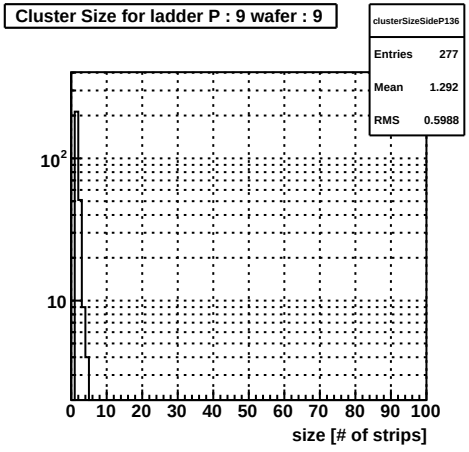

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 21315
Mean 1.034
RMS 0.2168
size [# of strips]

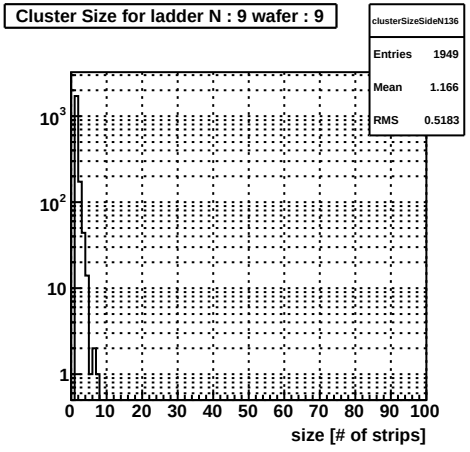

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 5427
Mean 1.176
RMS 0.5867
size [# of strips]

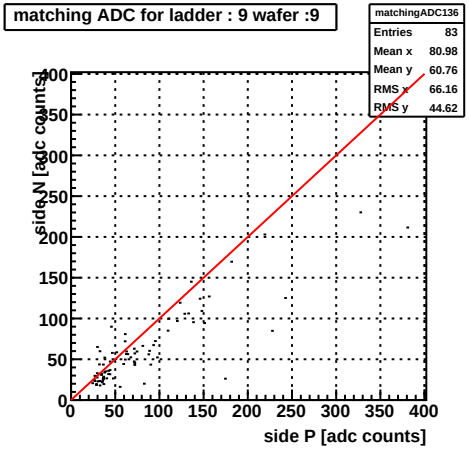

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 535
Mean x 65.78
Mean y 70.35
RMS x 53.83
RMS y 60.13
side N [adc counts]
side P [adc counts]

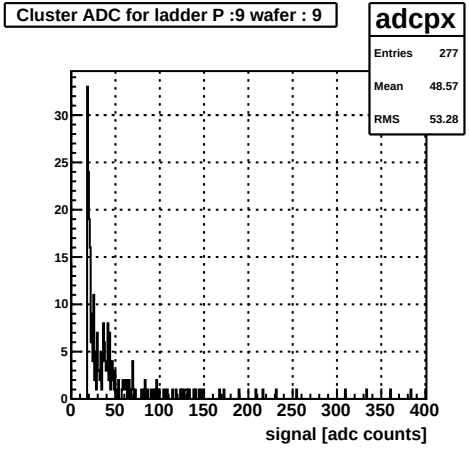

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 21315
Mean 27.58
RMS 18.87
signal [adc counts]

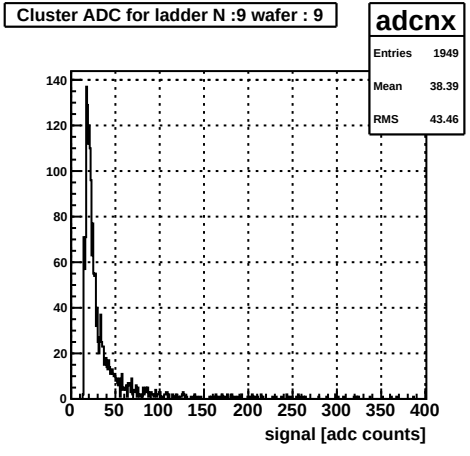

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 5427
Mean 25.61
RMS 30.81
signal [adc counts]

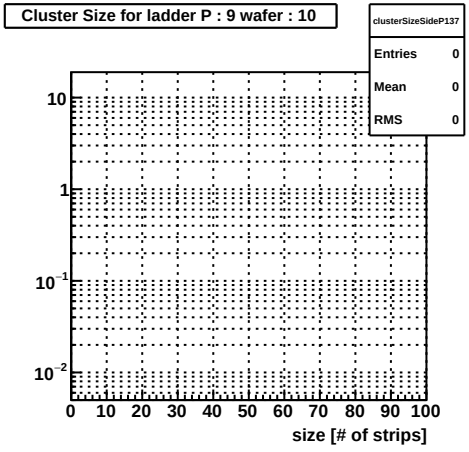

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 277
Mean 1.292
RMS 0.5988
size [# of strips]

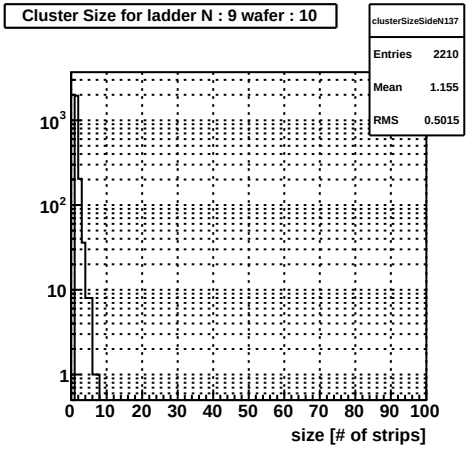

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 1949
Mean 1.166
RMS 0.5183
size [# of strips]

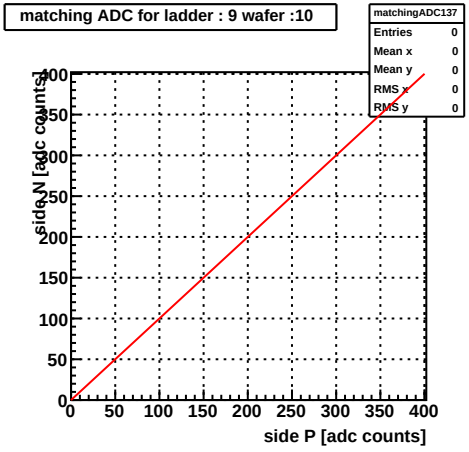

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 83
Mean x 80.98
Mean y 60.76
RMS x 66.16
RMS y 44.62
side N [adc counts]
side P [adc counts]

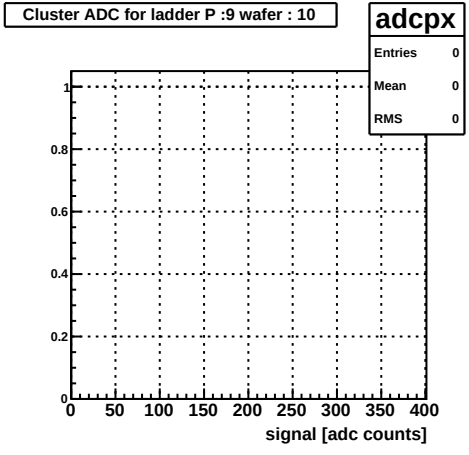

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 277
Mean 48.57
RMS 53.28
signal [adc counts]

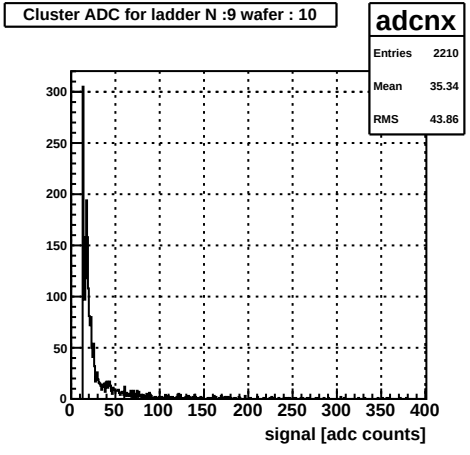

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 1949
Mean 38.39
RMS 43.46
signal [adc counts]

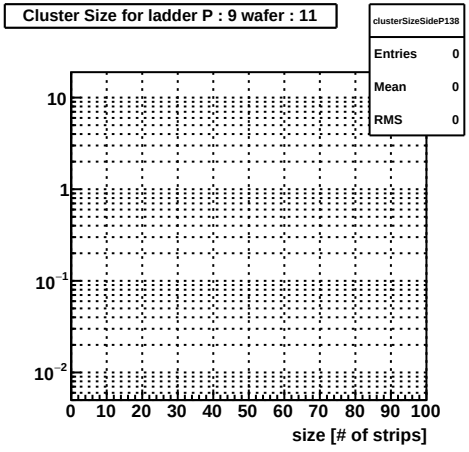

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

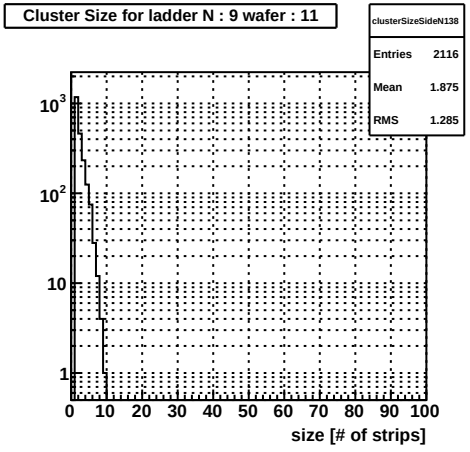

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 2210
Mean 1.155
RMS 0.5015
size [# of strips]

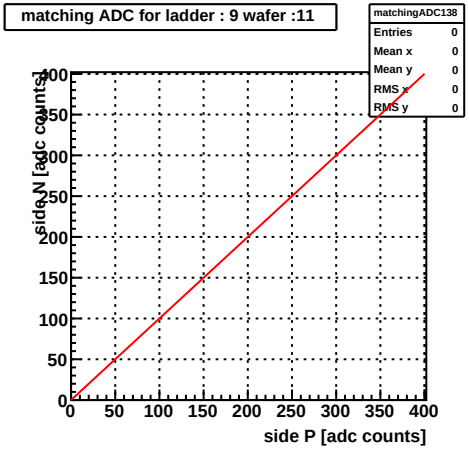

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

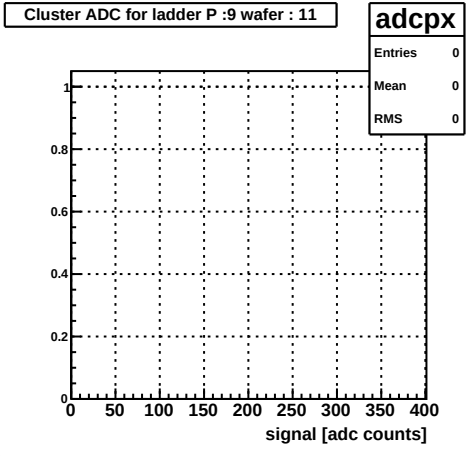

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

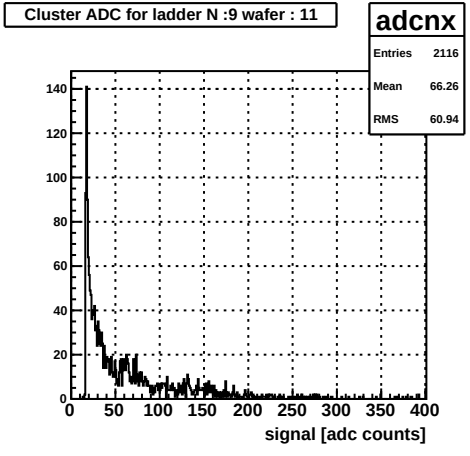

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 2210
Mean 35.34
RMS 43.86
signal [adc counts]

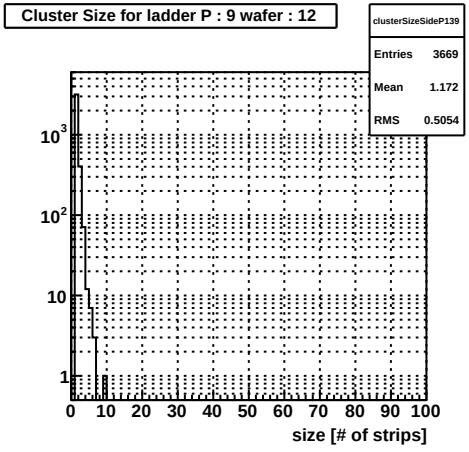

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

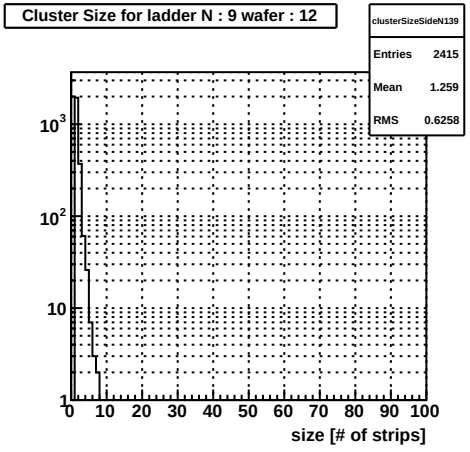

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 2116
Mean 1.875
RMS 1.285
size [# of strips]

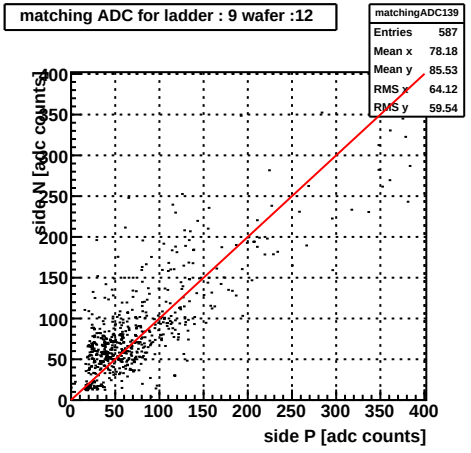

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

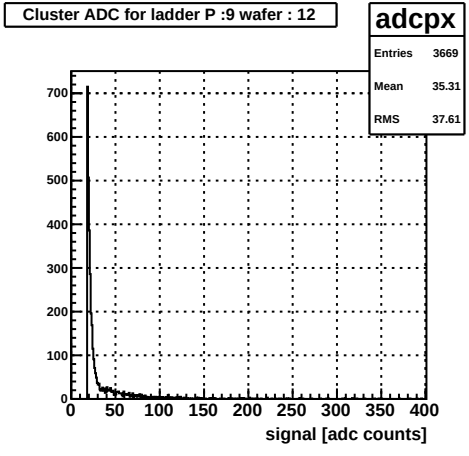

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

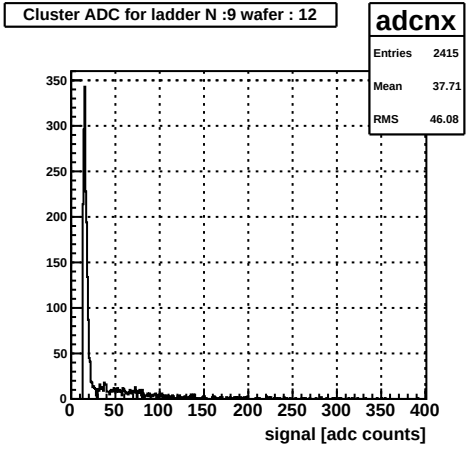

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 2116
Mean 66.26
RMS 60.94
signal [adc counts]

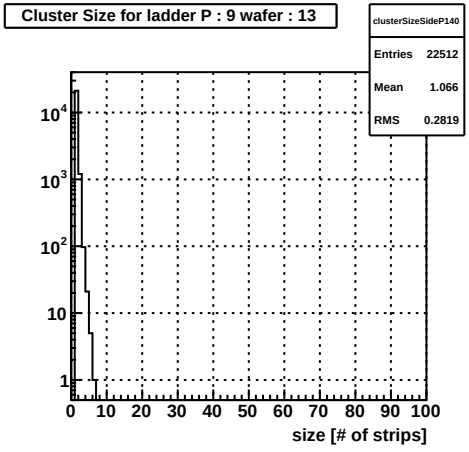

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 3669
Mean 1.172
RMS 0.5054
size [# of strips]

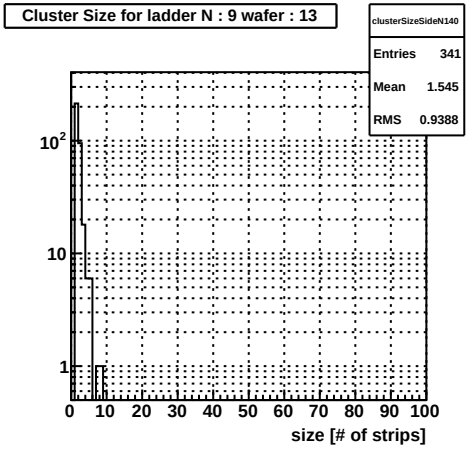

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 2415
Mean 1.259
RMS 0.6258
size [# of strips]

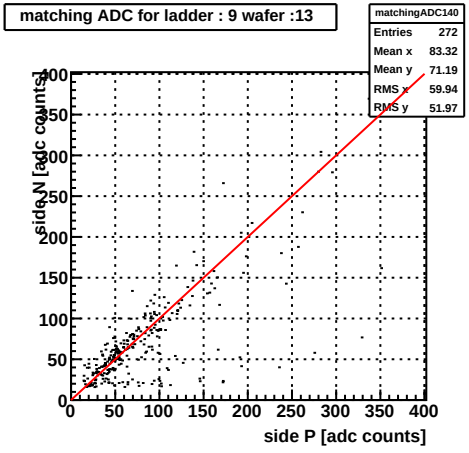

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 587
Mean x 78.18
Mean y 85.53
RMS x 64.12
RMS y 59.54
side N [adc counts]
side P [adc counts]

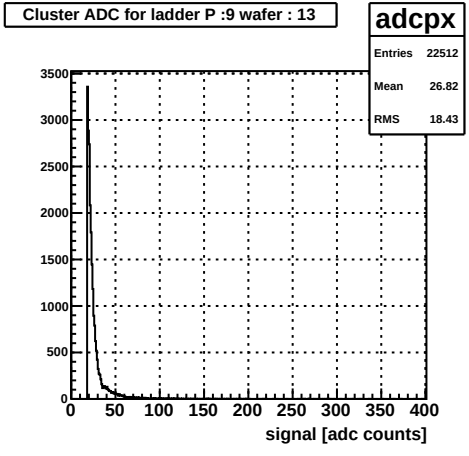

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 3669
Mean 35.31
RMS 37.61
signal [adc counts]

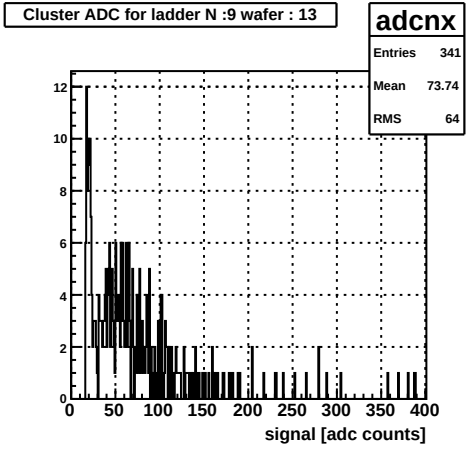

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 2415
Mean 37.71
RMS 46.08
signal [adc counts]

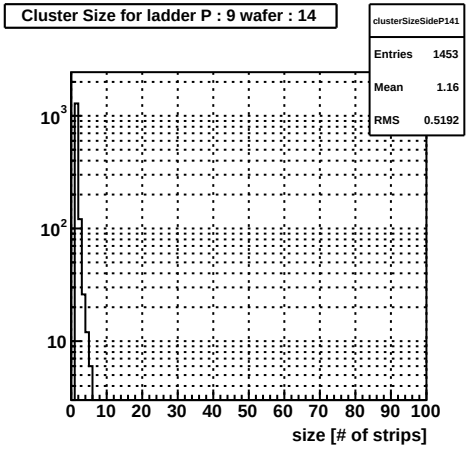

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 22512
Mean 1.066
RMS 0.2819
size [# of strips]

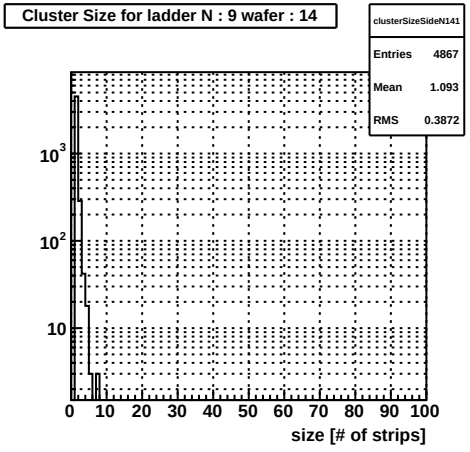

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 341
Mean 1.545
RMS 0.9388
size [# of strips]

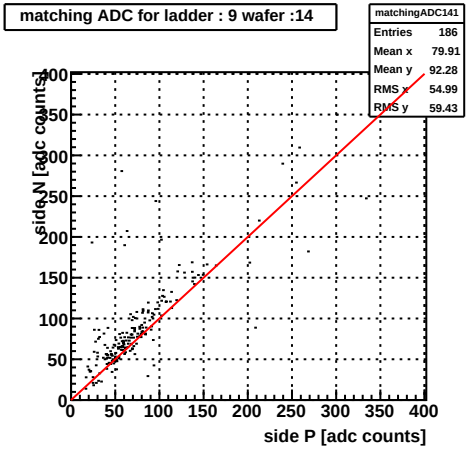

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 272
Mean x 83.32
Mean y 71.19
RMS x 59.94
RMS y 51.97
side N [adc counts]
side P [adc counts]

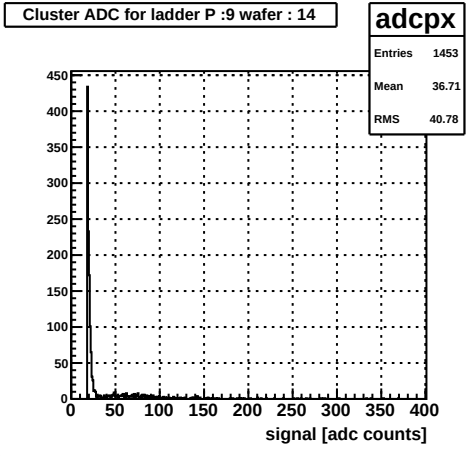

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 22512
Mean 26.82
RMS 18.43
signal [adc counts]

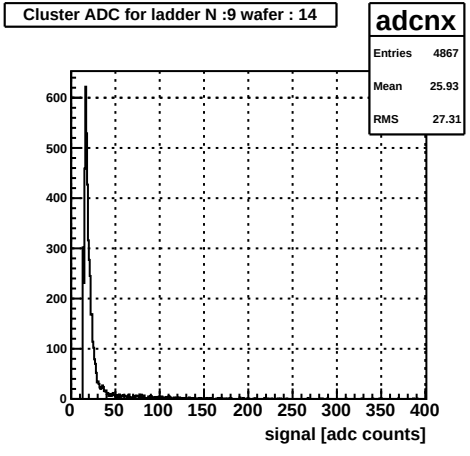

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 341
Mean 73.74
RMS 64
signal [adc counts]

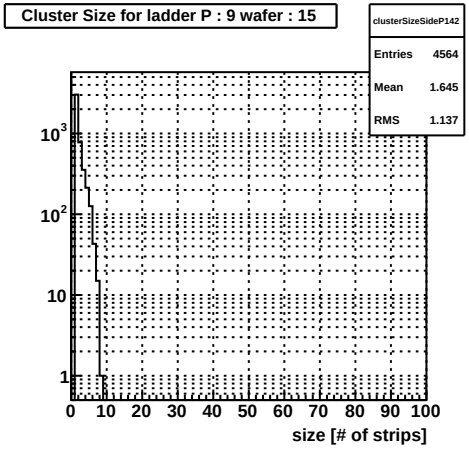

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 1453
Mean 1.16
RMS 0.5192
size [# of strips]

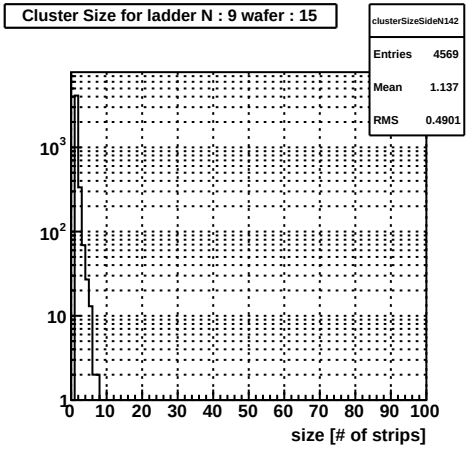

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 4867
Mean 1.093
RMS 0.3872
size [# of strips]

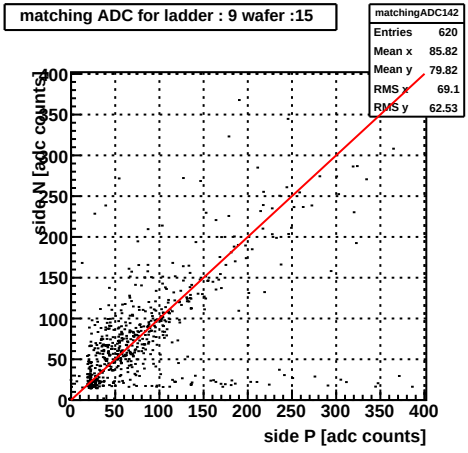

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 186
Mean x 79.91
Mean y 92.28
RMS x 54.99
RMS y 59.43
side N [adc counts]
side P [adc counts]

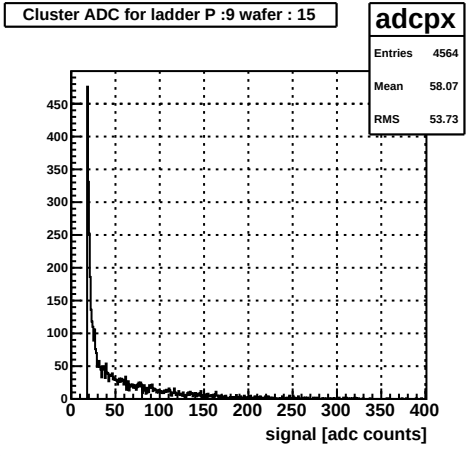

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 1453
Mean 36.71
RMS 40.78
signal [adc counts]

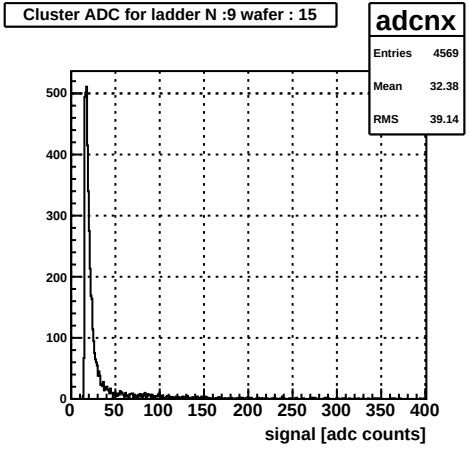

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 4867
Mean 25.93
RMS 27.31
signal [adc counts]

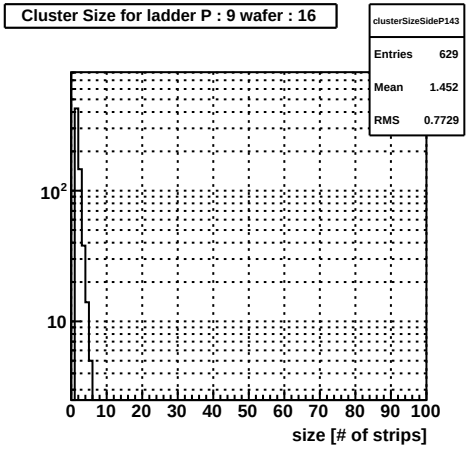

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 4564
Mean 1.645
RMS 1.137
size [# of strips]

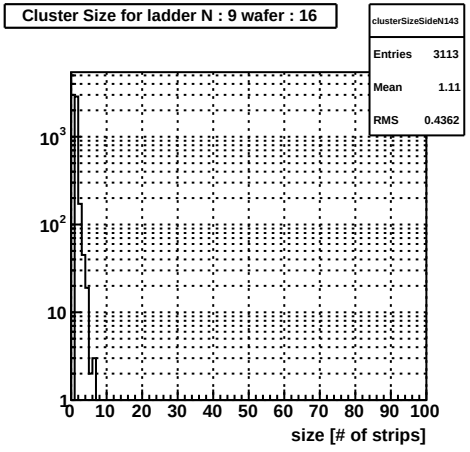

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 4569
Mean 1.137
RMS 0.4901
size [# of strips]

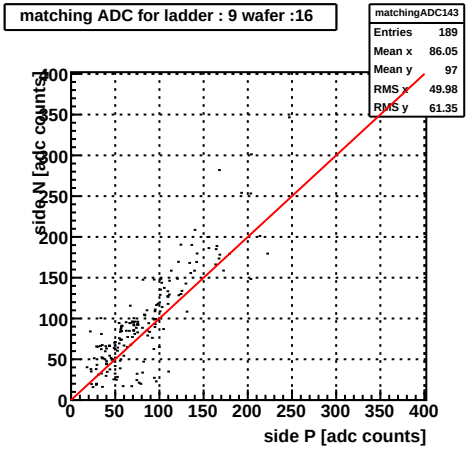

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 620
Mean x 85.82
Mean y 79.82
RMS x 69.1
RMS y 62.53
side N [adc counts]
side P [adc counts]

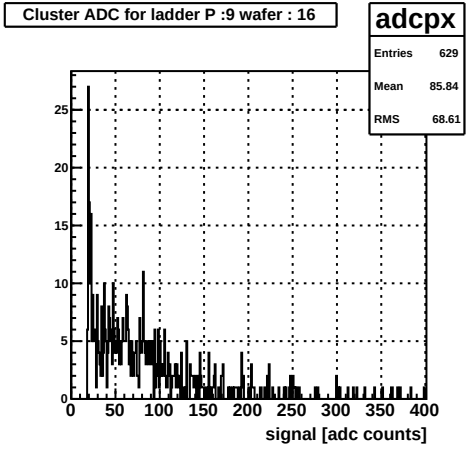

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 4564
Mean 58.07
RMS 53.73
signal [adc counts]

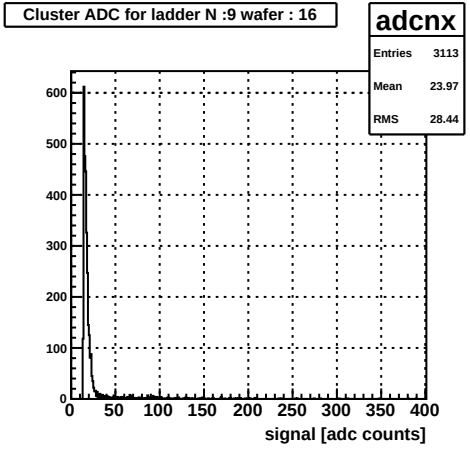

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 4569
Mean 32.38
RMS 39.14
signal [adc counts]

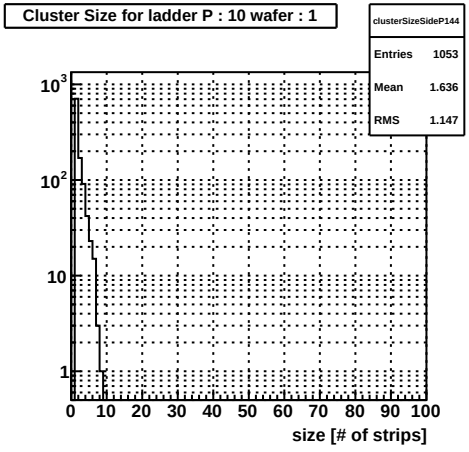

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 629
Mean 1.452
RMS 0.7729
size [# of strips]

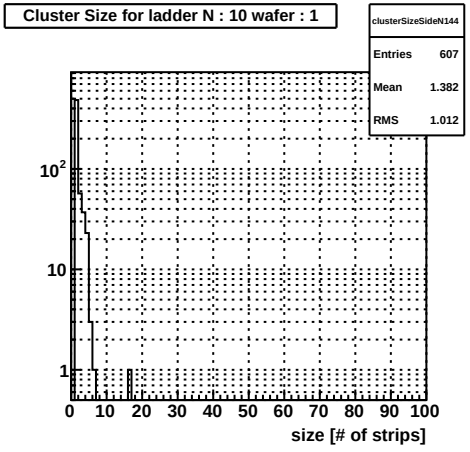

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 3113
Mean 1.11
RMS 0.4362
size [# of strips]

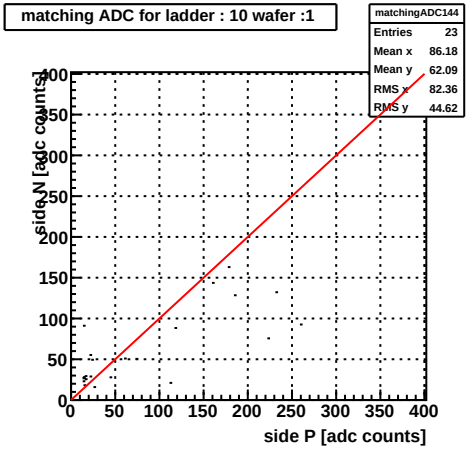

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 189
Mean x 86.05
Mean y 97
RMS x 49.98
RMS y 61.35
side N [adc counts]
side P [adc counts]

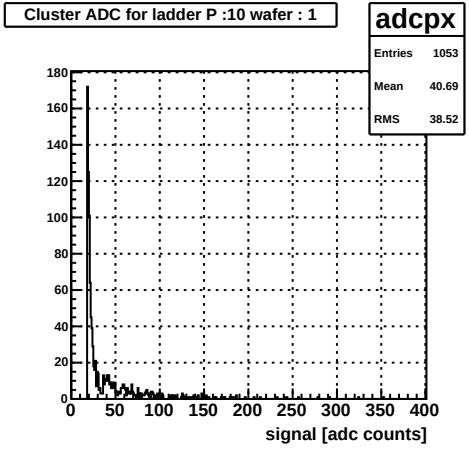

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 629
Mean 85.84
RMS 68.61
signal [adc counts]

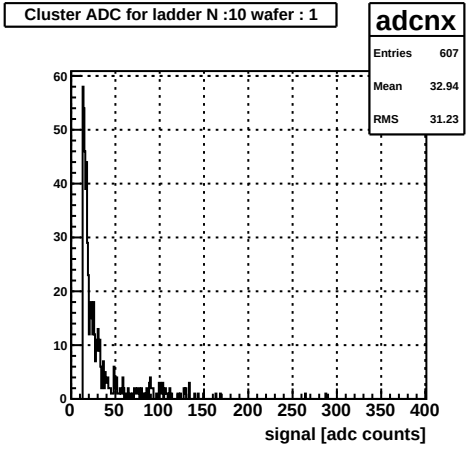

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 3113
Mean 23.97
RMS 28.44
signal [adc counts]

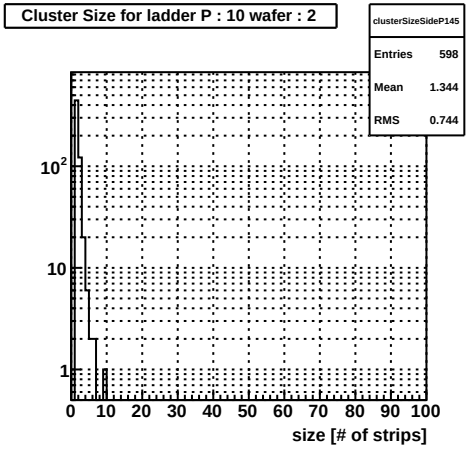

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 1053
Mean 1.636
RMS 1.147
size [# of strips]

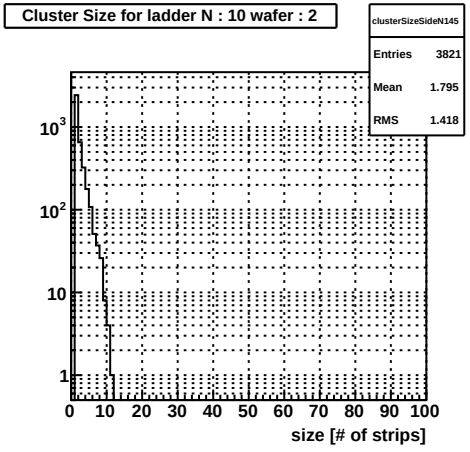

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 607
Mean 1.382
RMS 1.012
size [# of strips]

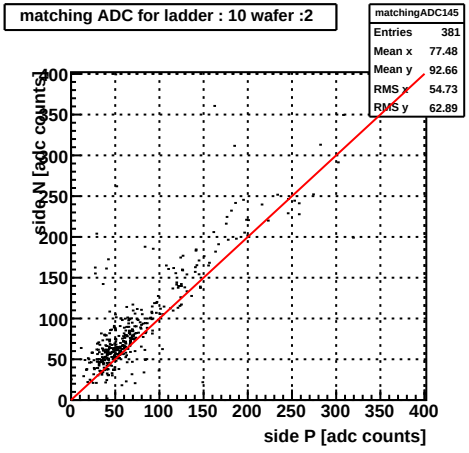

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 23
Mean x 86.18
Mean y 62.09
RMS x 82.36
RMS y 44.62
side N [adc counts]
side P [adc counts]

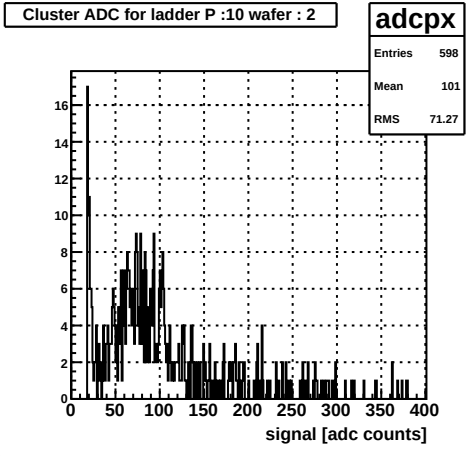

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 1053
Mean 40.69
RMS 38.52
signal [adc counts]

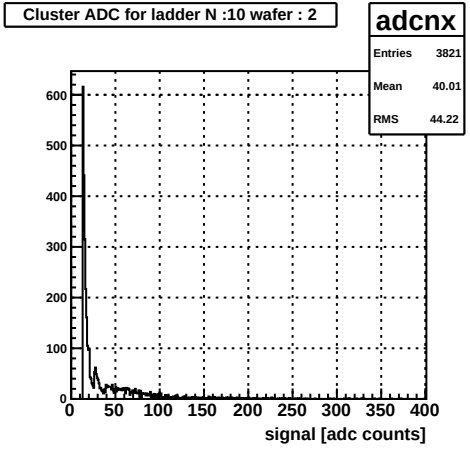

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 607
Mean 32.94
RMS 31.23
signal [adc counts]

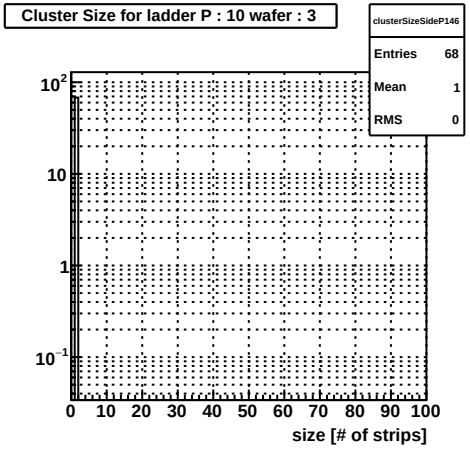

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 598
Mean 1.344
RMS 0.744
size [# of strips]

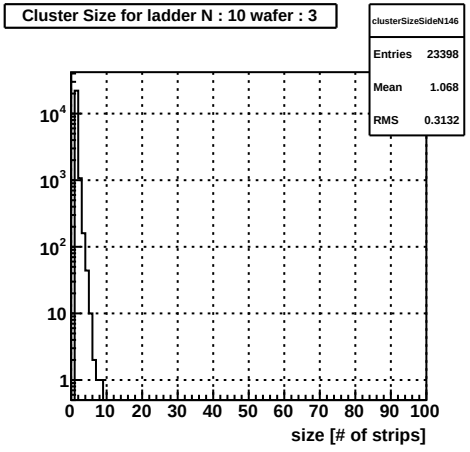

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 3821
Mean 1.795
RMS 1.418
size [# of strips]

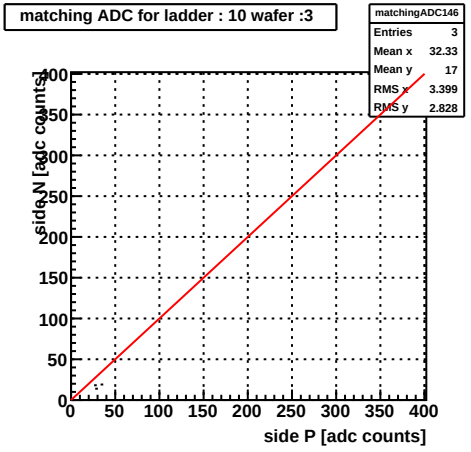

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 381
Mean x 77.48
Mean y 92.66
RMS x 54.73
RMS y 62.89
side N [adc counts]
side P [adc counts]

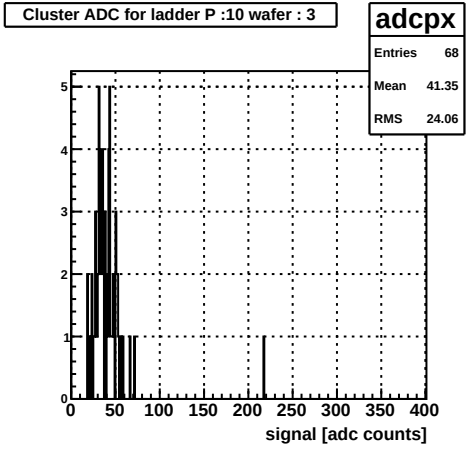

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 598
Mean 101
RMS 71.27
signal [adc counts]

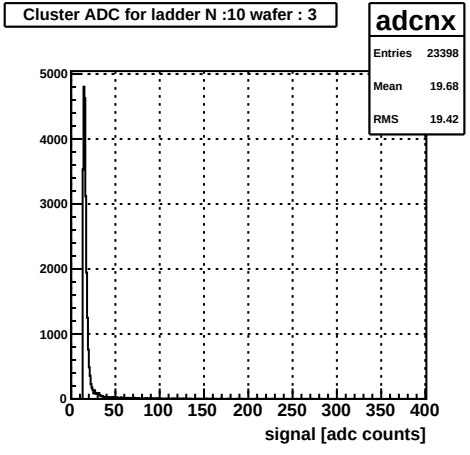

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 3821
Mean 40.01
RMS 44.22
signal [adc counts]

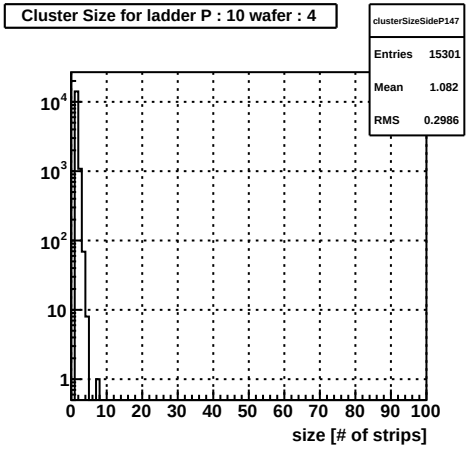

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 68
Mean 1
RMS 0
size [# of strips]

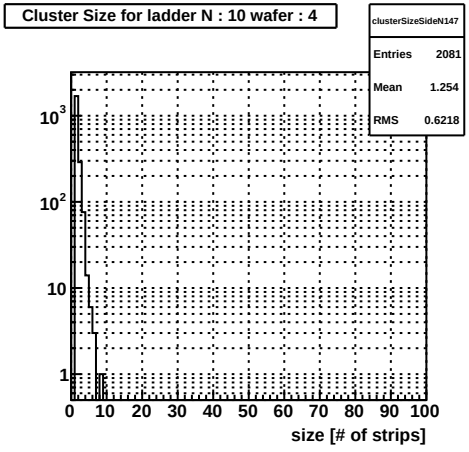

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 23398
Mean 1.068
RMS 0.3132
size [# of strips]

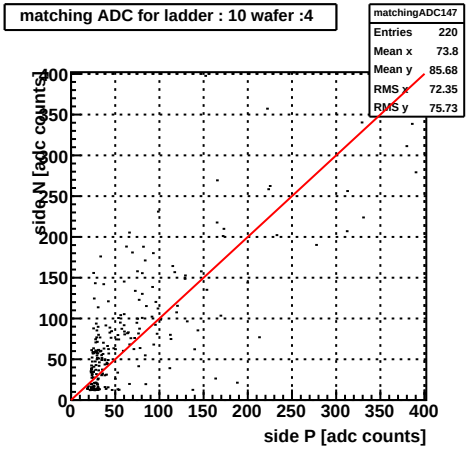

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 3
Mean x 32.33
Mean y 17
RMS x 3.399
RMS y 2.828
side N [adc counts]
side P [adc counts]

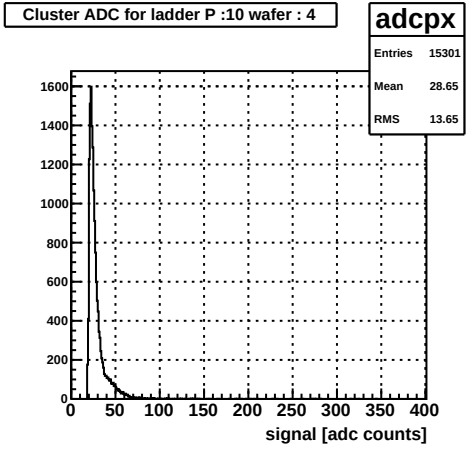

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 68
Mean 41.35
RMS 24.06
signal [adc counts]

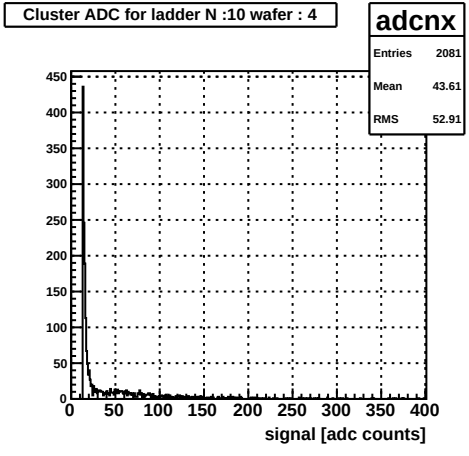

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 23398
Mean 19.68
RMS 19.42
signal [adc counts]

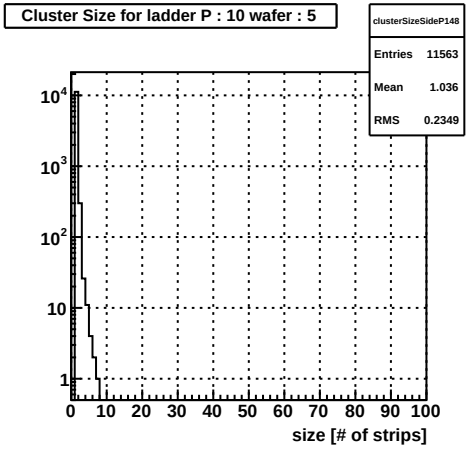

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 15301
Mean 1.082
RMS 0.2986
size [# of strips]

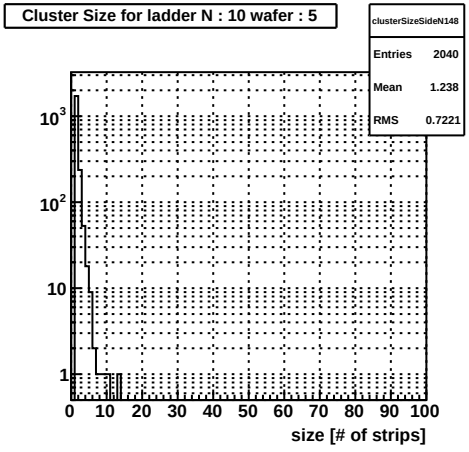

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 2081
Mean 1.254
RMS 0.6218
size [# of strips]

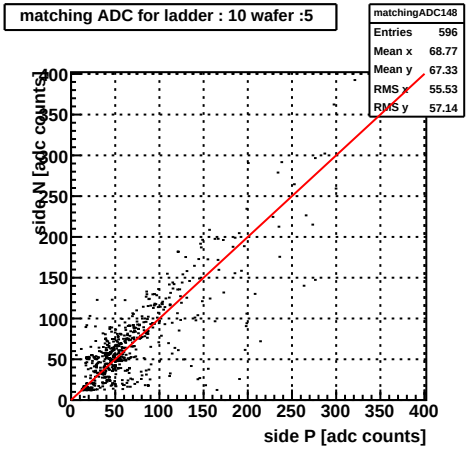

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 220
Mean x 73.8
Mean y 85.68
RMS x 72.35
RMS y 75.73
side N [adc counts]
side P [adc counts]

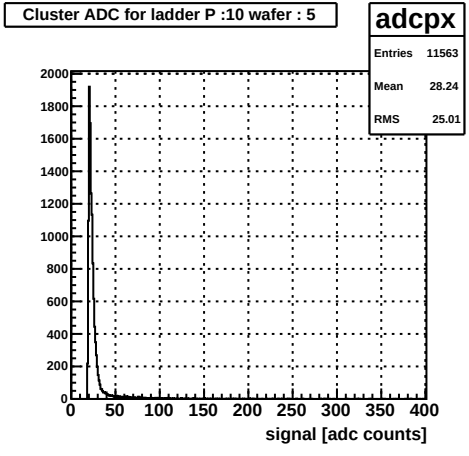

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 15301
Mean 28.65
RMS 13.65
signal [adc counts]

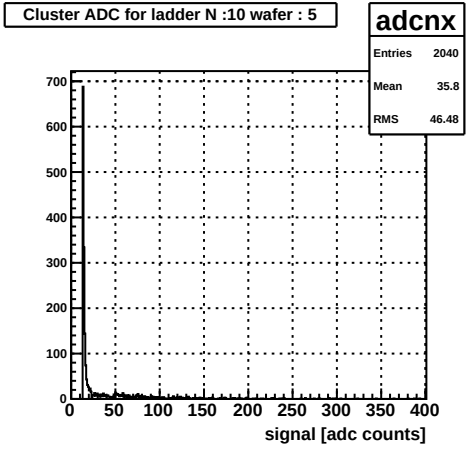

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 2081
Mean 43.61
RMS 52.91
signal [adc counts]

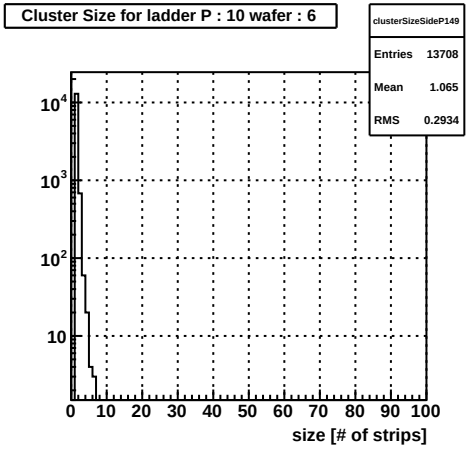

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 11563
Mean 1.036
RMS 0.2349
size [# of strips]

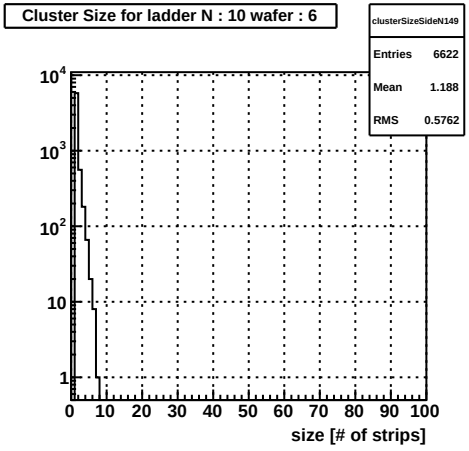

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 2040
Mean 1.238
RMS 0.7221
size [# of strips]

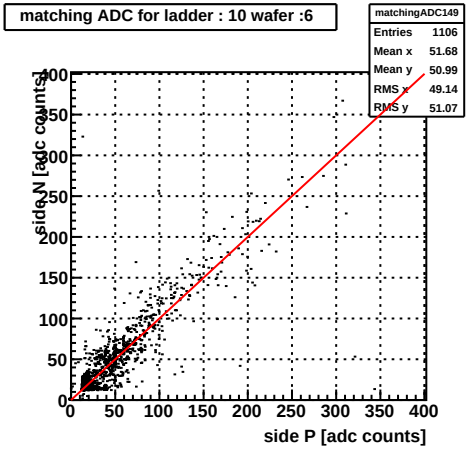

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 596
Mean x 68.77
Mean y 67.33
RMS x 55.53
RMS y 57.14
side N [adc counts]
side P [adc counts]

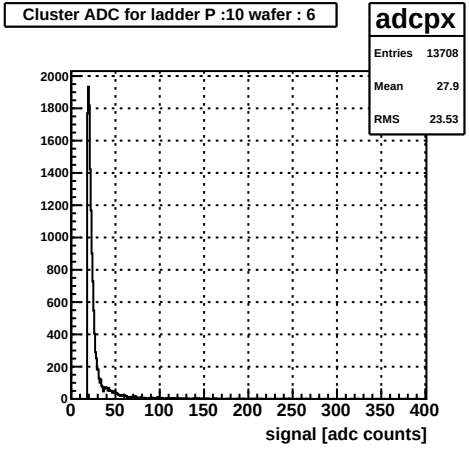

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 11563
Mean 28.24
RMS 25.01
signal [adc counts]

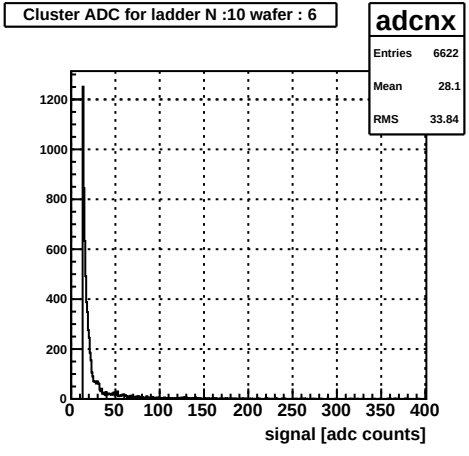

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 2040
Mean 35.8
RMS 46.48
signal [adc counts]

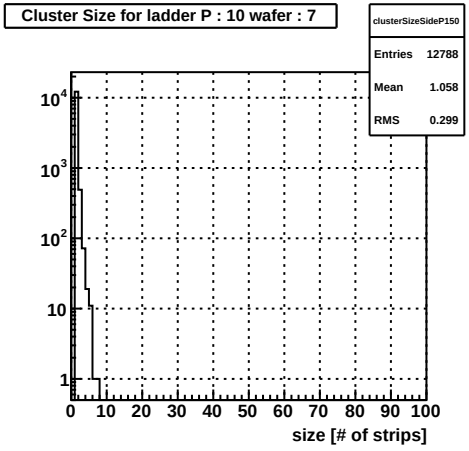

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 13708
Mean 1.065
RMS 0.2934
size [# of strips]

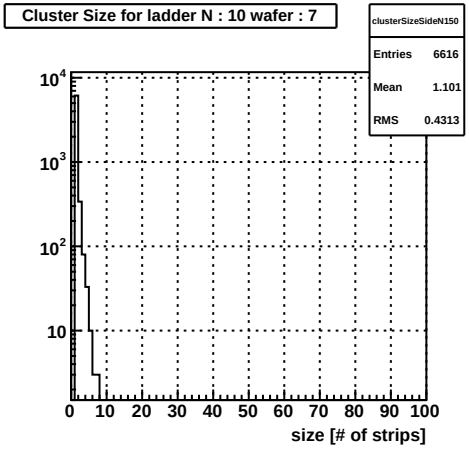

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 6622
Mean 1.188
RMS 0.5762
size [# of strips]

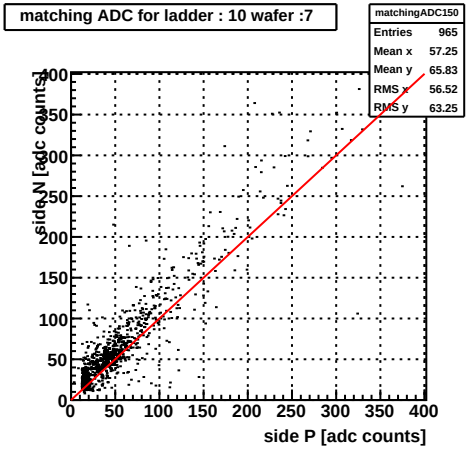

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1106
Mean x 51.68
Mean y 50.99
RMS x 49.14
RMS y 51.07
side N [adc counts]
side P [adc counts]

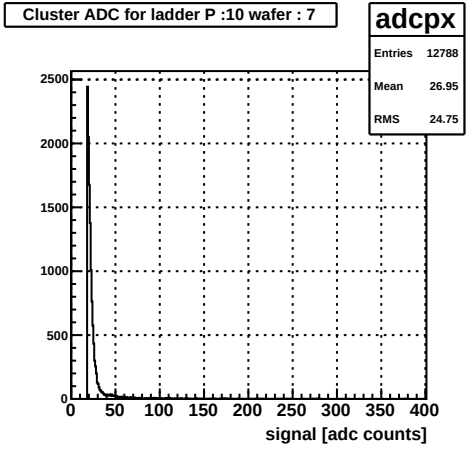

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 13708
Mean 27.9
RMS 23.53
signal [adc counts]

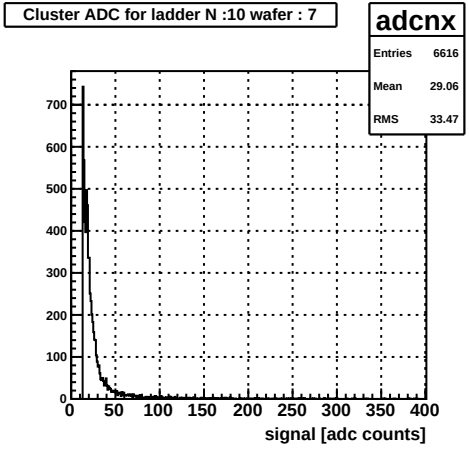

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 6622
Mean 28.1
RMS 33.84
signal [adc counts]

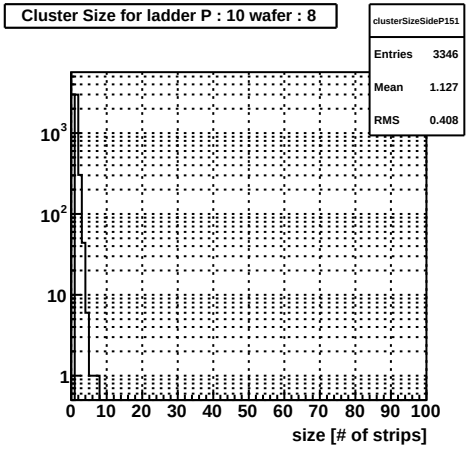

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 12788
Mean 1.058
RMS 0.299
size [# of strips]

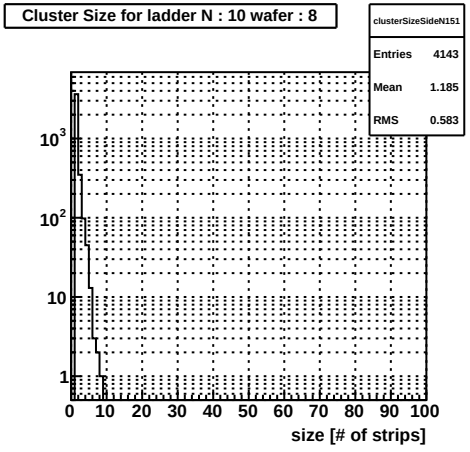

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 6616
Mean 1.101
RMS 0.4313
size [# of strips]

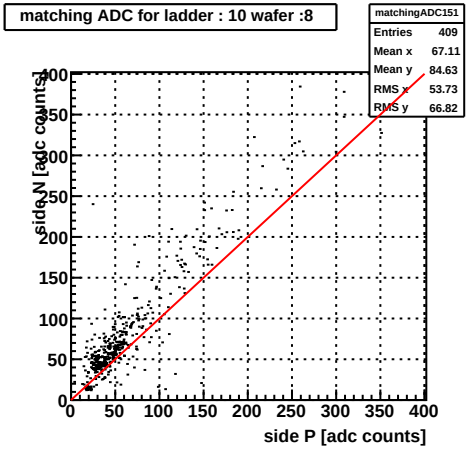

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 965
Mean x 57.25
Mean y 65.83
RMS x 56.52
RMS y 63.25
side N [adc counts]
side P [adc counts]

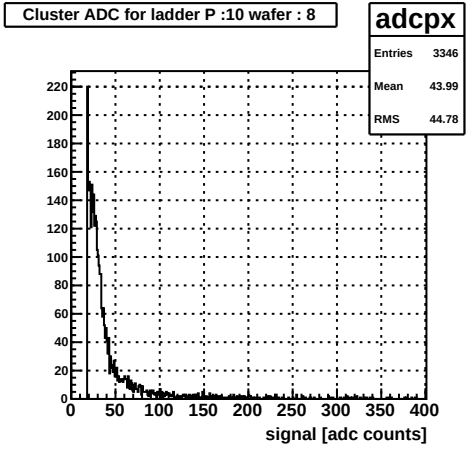

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 12788
Mean 26.95
RMS 24.75
signal [adc counts]

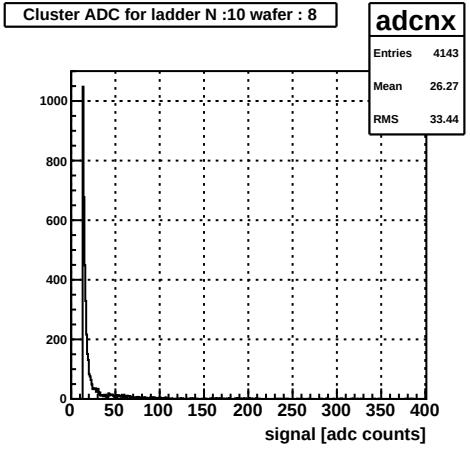

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 6616
Mean 29.06
RMS 33.47
signal [adc counts]

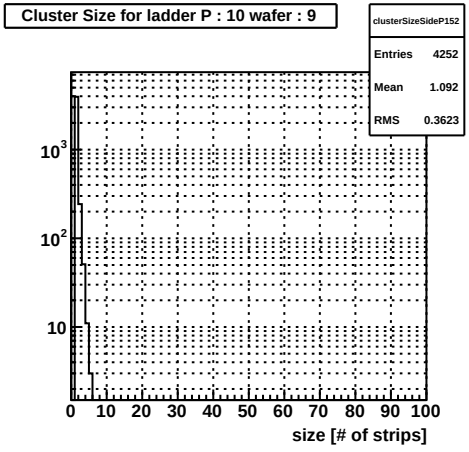

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 3346
Mean 1.127
RMS 0.408
size [# of strips]

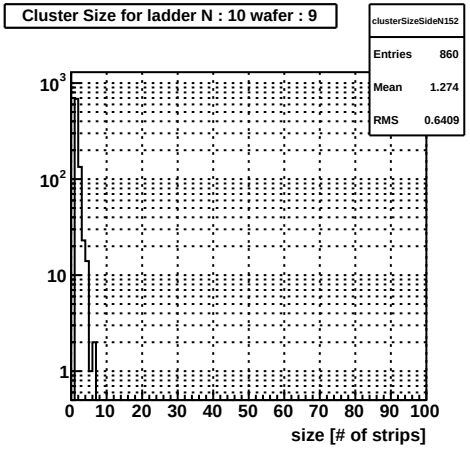

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 4143
Mean 1.185
RMS 0.583
size [# of strips]

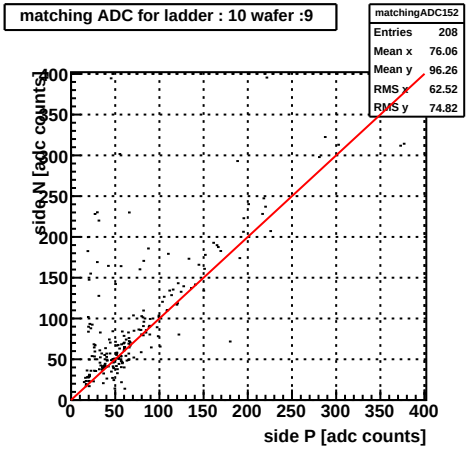

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 409
Mean x 67.11
Mean y 84.63
RMS x 53.73
RMS y 66.82
side N [adc counts]
side P [adc counts]

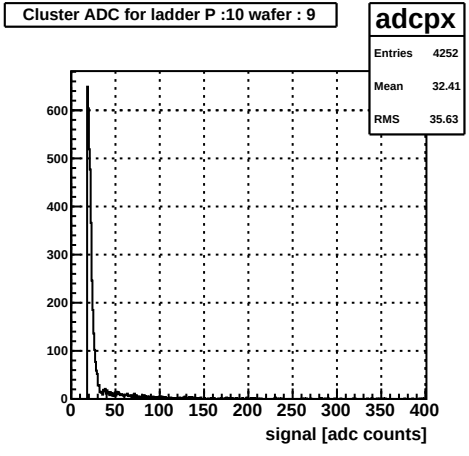

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 3346
Mean 43.99
RMS 44.78
signal [adc counts]

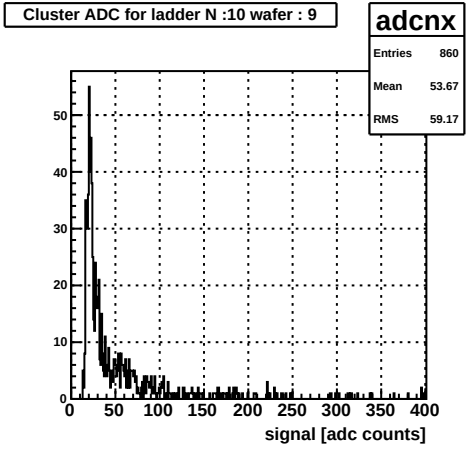

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 4143
Mean 26.27
RMS 33.44
signal [adc counts]

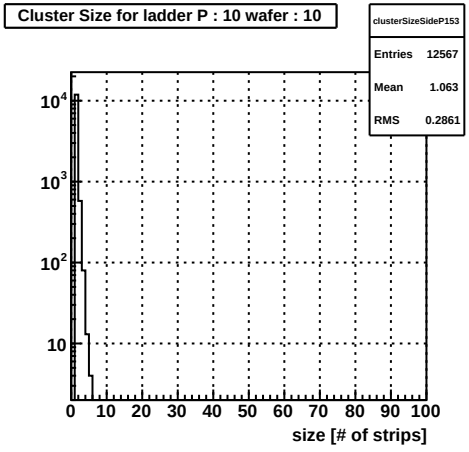

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 4252
Mean 1.092
RMS 0.3623
size [# of strips]

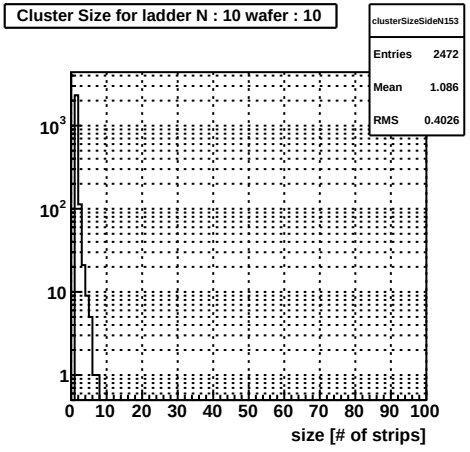

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 860
Mean 1.274
RMS 0.6409
size [# of strips]

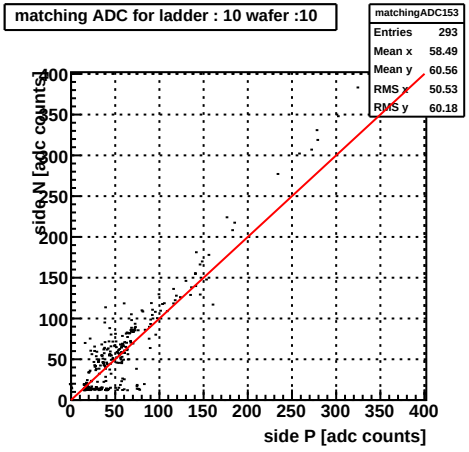

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 208
Mean x 76.06
Mean y 96.26
RMS x 62.52
RMS y 74.82
side N [adc counts]
side P [adc counts]

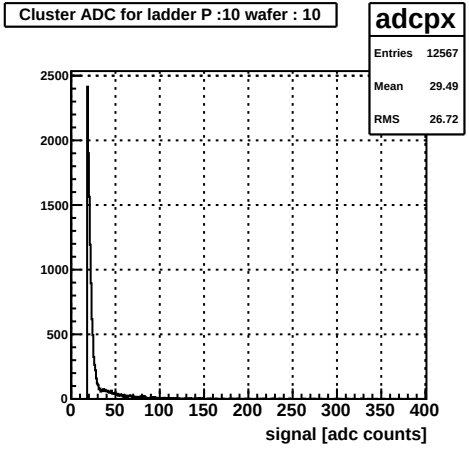

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 4252
Mean 32.41
RMS 35.63
signal [adc counts]

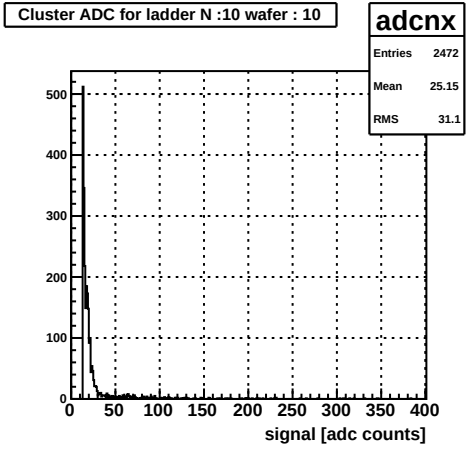

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 860
Mean 53.67
RMS 59.17
signal [adc counts]

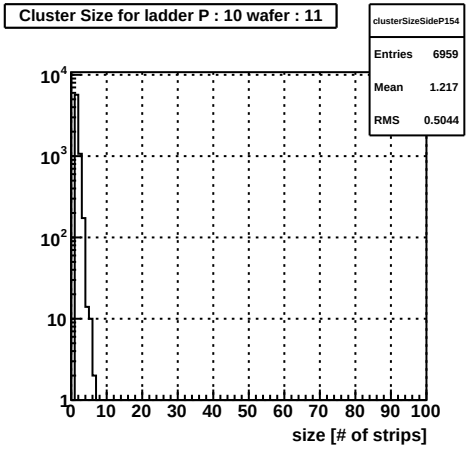

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 12567
Mean 1.063
RMS 0.2861
size [# of strips]

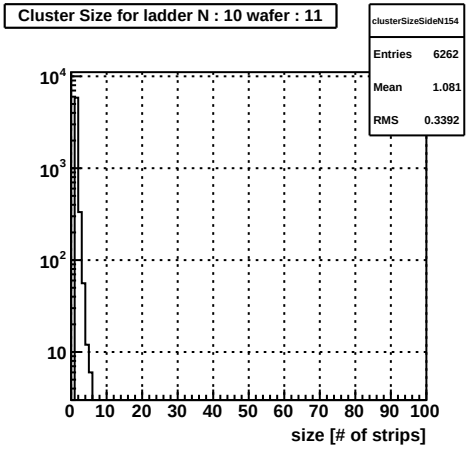

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 2472
Mean 1.086
RMS 0.4026
size [# of strips]

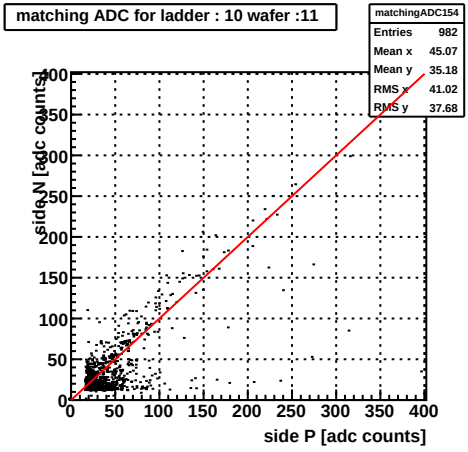

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 293
Mean x 58.49
Mean y 60.56
RMS x 50.53
RMS y 60.18
side N [adc counts]
side P [adc counts]

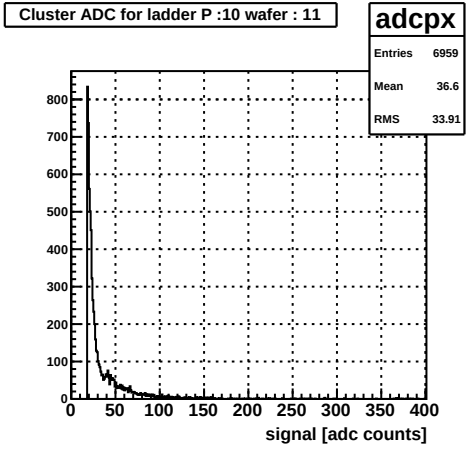

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 12567
Mean 29.49
RMS 26.72
signal [adc counts]

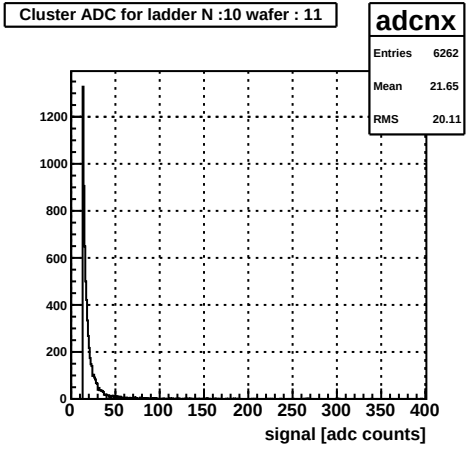

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 2472
Mean 25.15
RMS 31.1
signal [adc counts]

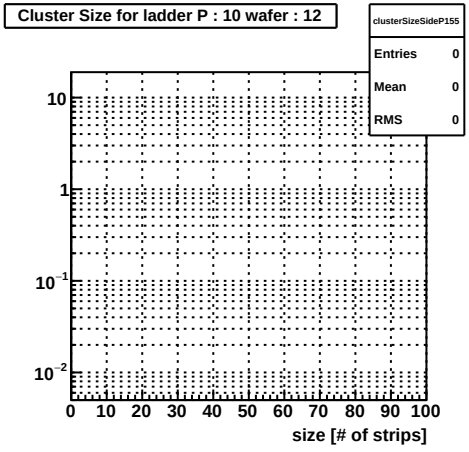

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 6959
Mean 1.217
RMS 0.5044
size [# of strips]

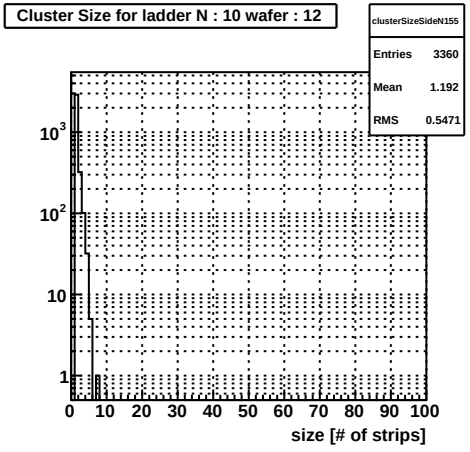

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 6262
Mean 1.081
RMS 0.3392
size [# of strips]

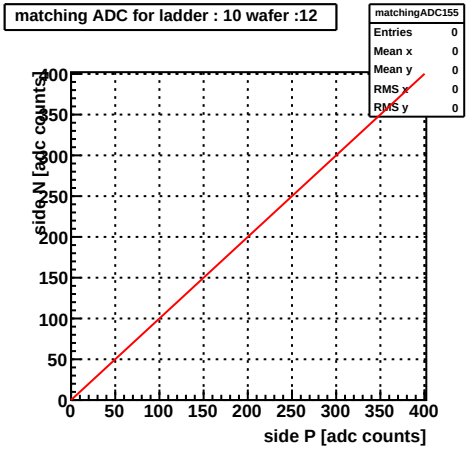

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 982
Mean x 45.07
Mean y 35.18
RMS x 41.02
RMS y 37.68
side N [adc counts]
side P [adc counts]

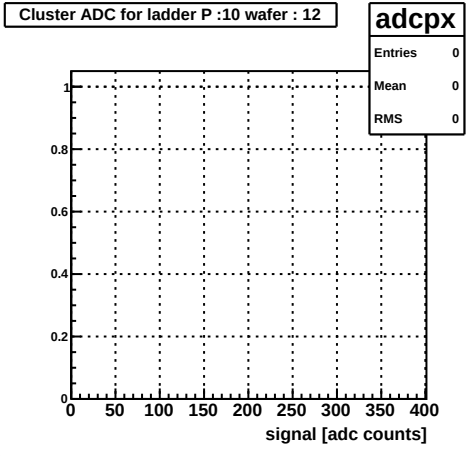

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 6959
Mean 36.6
RMS 33.91
signal [adc counts]

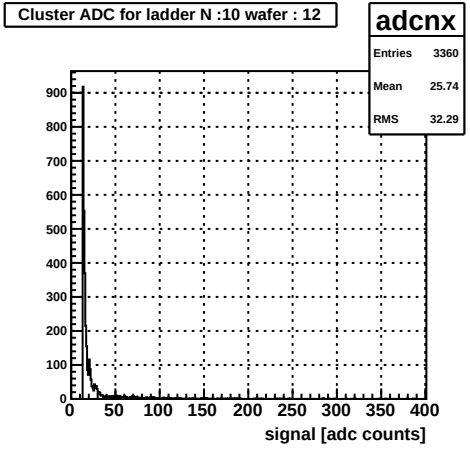

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 6262
Mean 21.65
RMS 20.11
signal [adc counts]

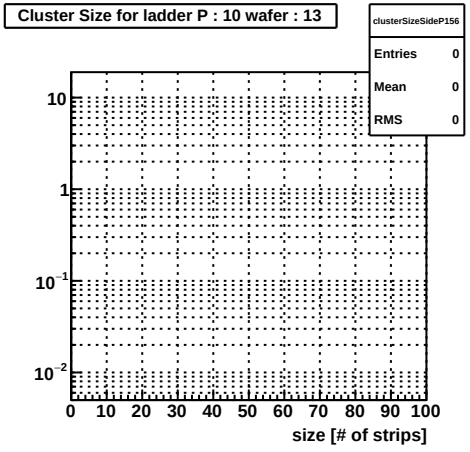

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

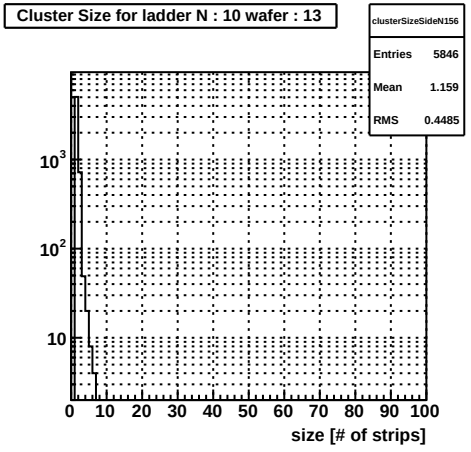

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 3360
Mean 1.192
RMS 0.5471
size [# of strips]

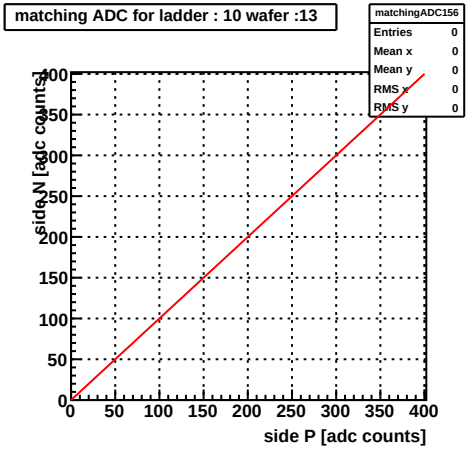

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

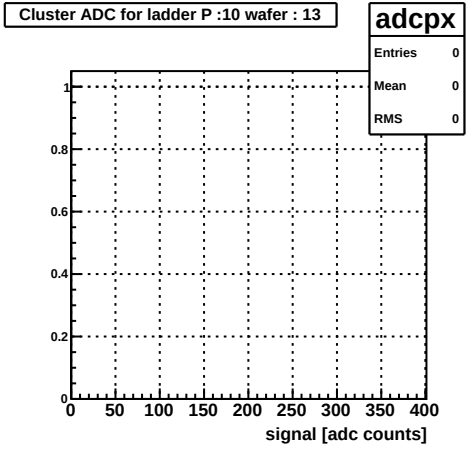

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

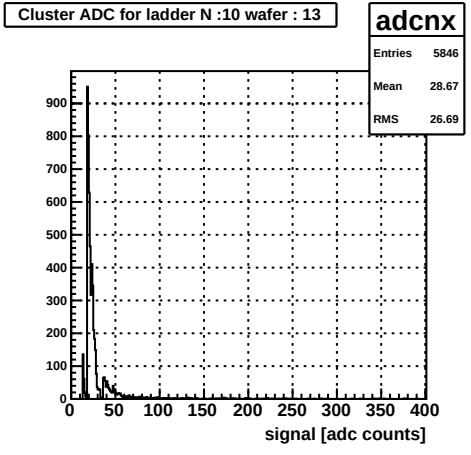

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 3360
Mean 25.74
RMS 32.29
signal [adc counts]

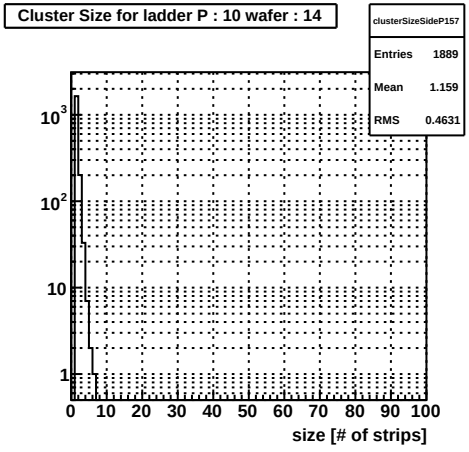

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

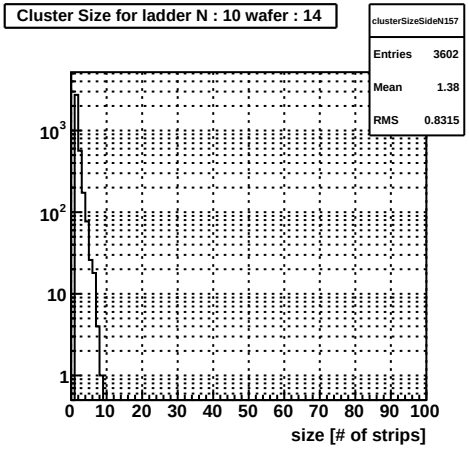

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 5846
Mean 1.159
RMS 0.4485
size [# of strips]

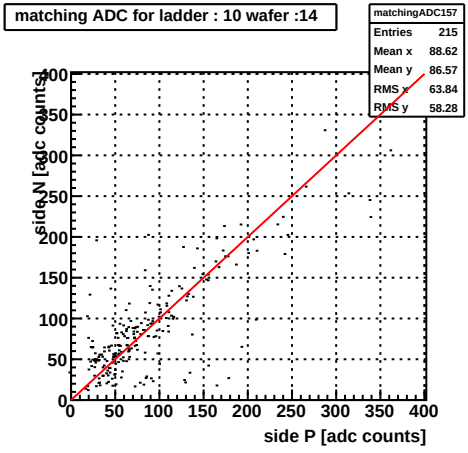

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

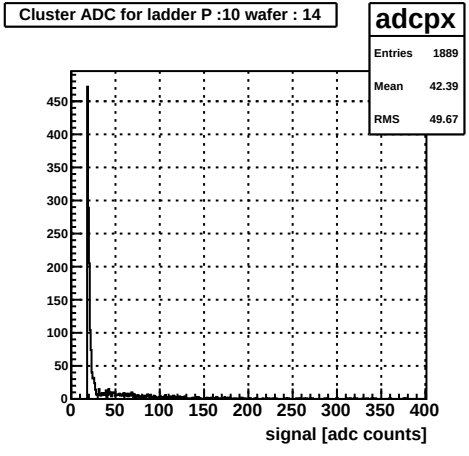

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

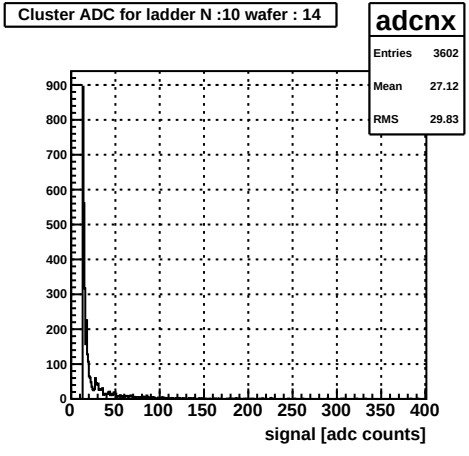

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 5846
Mean 28.67
RMS 26.69
signal [adc counts]

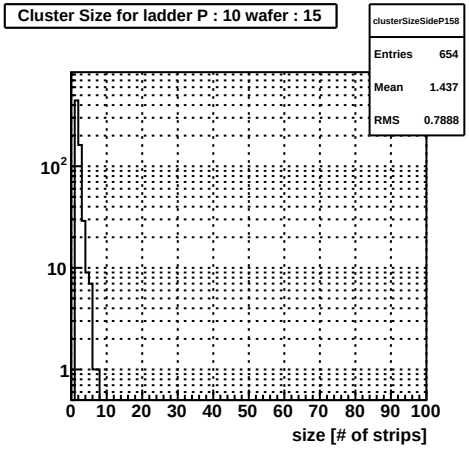

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 1889
Mean 1.159
RMS 0.4631
size [# of strips]

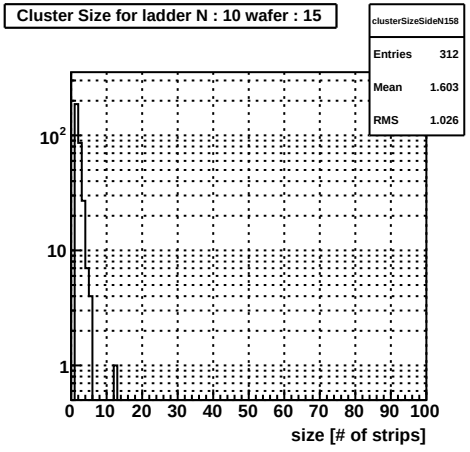

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 3602
Mean 1.38
RMS 0.8315
size [# of strips]

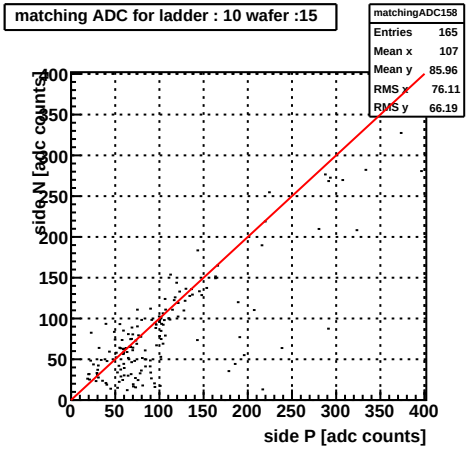

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 215
Mean x 88.62
Mean y 86.57
RMS x 63.84
RMS y 58.28
side N [adc counts]
side P [adc counts]

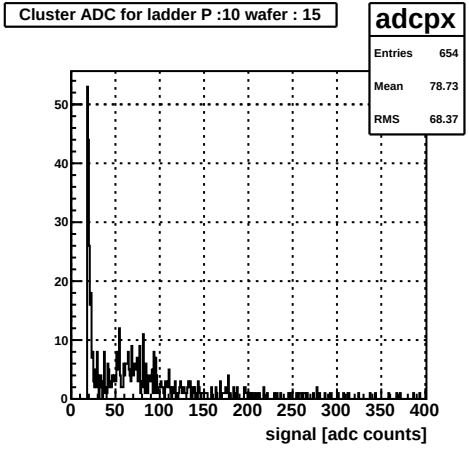

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 1889
Mean 42.39
RMS 49.67
signal [adc counts]

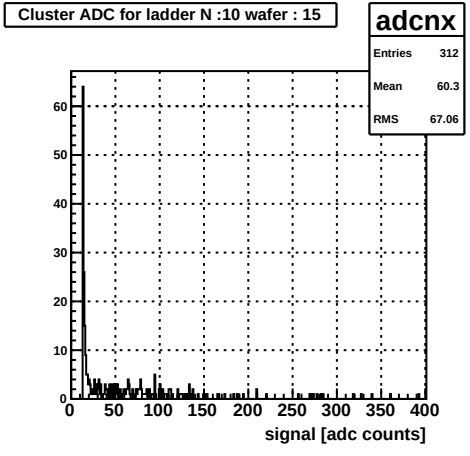

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 3602
Mean 27.12
RMS 29.83
signal [adc counts]

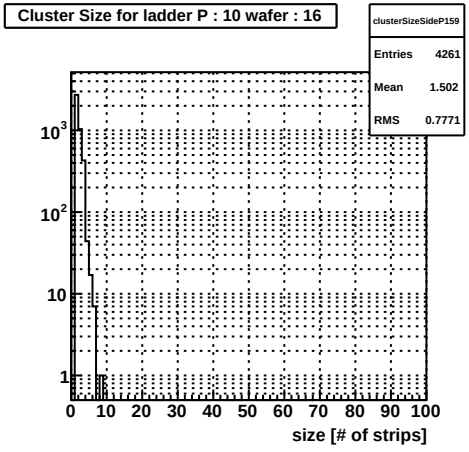

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 654
Mean 1.437
RMS 0.7888
size [# of strips]

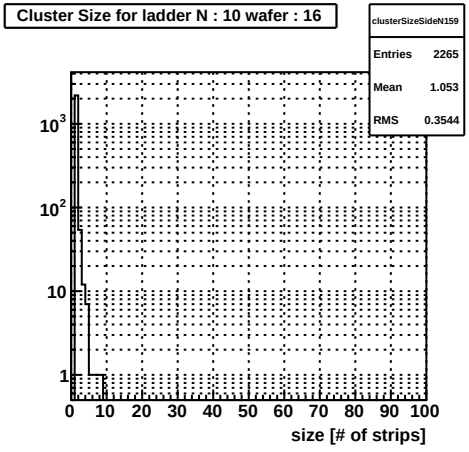

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 312
Mean 1.603
RMS 1.026
size [# of strips]

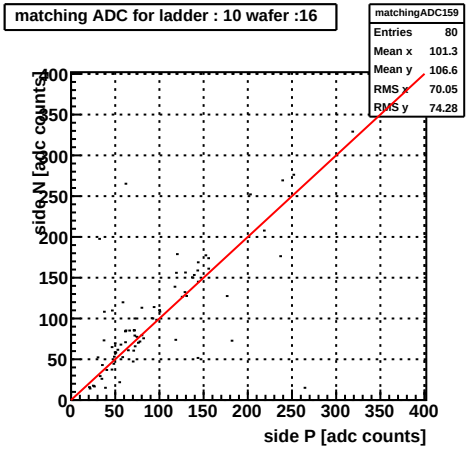

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 165
Mean x 107
Mean y 85.96
RMS x 76.11
RMS y 66.19
side N [adc counts]
side P [adc counts]

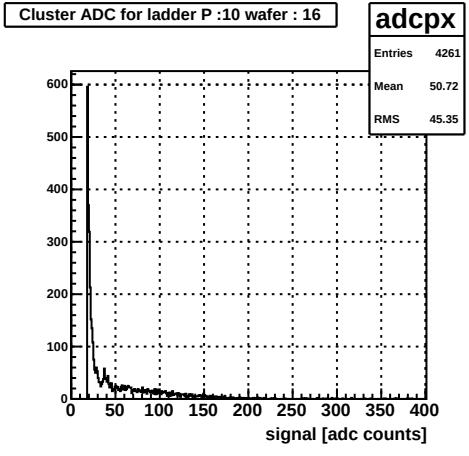

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 654
Mean 78.73
RMS 68.37
signal [adc counts]

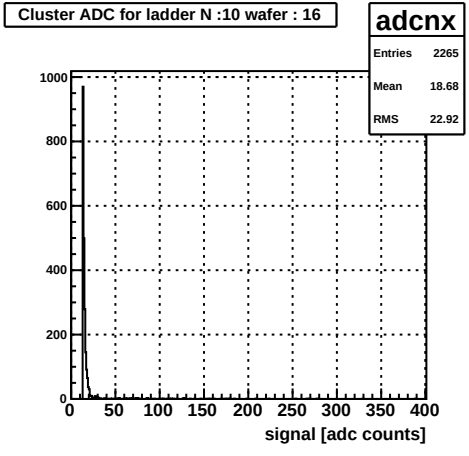

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 312
Mean 60.3
RMS 67.06
signal [adc counts]

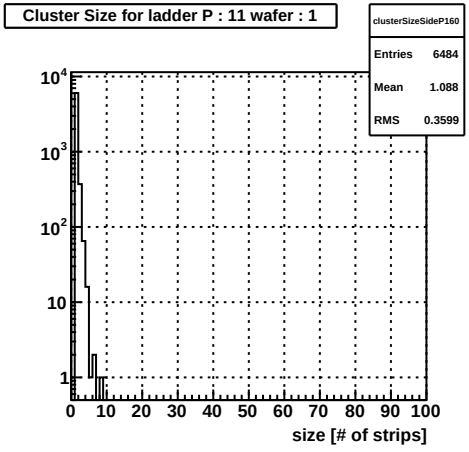

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 4261
Mean 1.502
RMS 0.7771
size [# of strips]

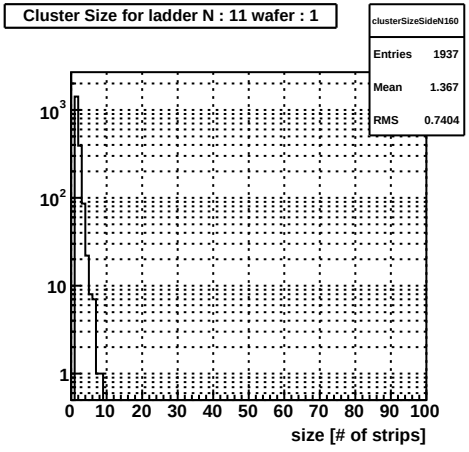

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 2265
Mean 1.053
RMS 0.3544
size [# of strips]

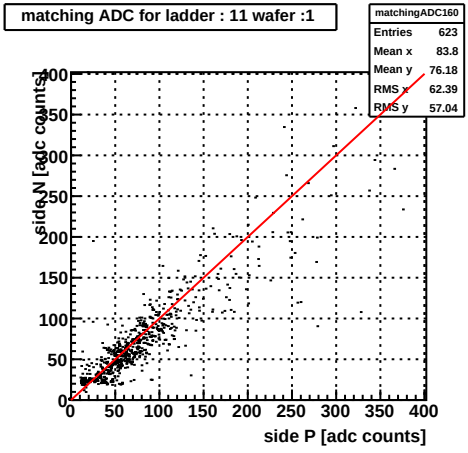

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 80
Mean x 101.3
Mean y 106.6
RMS x 70.05
RMS y 74.28
side N [adc counts]
side P [adc counts]

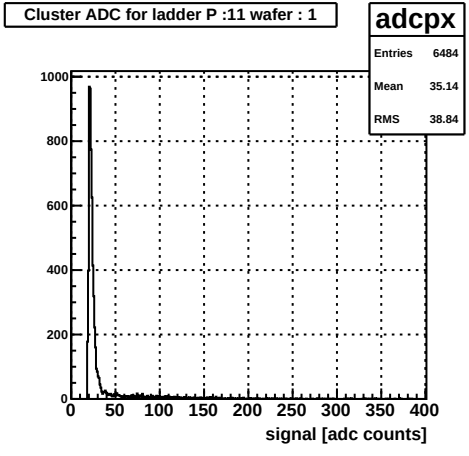

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 4261
Mean 50.72
RMS 45.35
signal [adc counts]

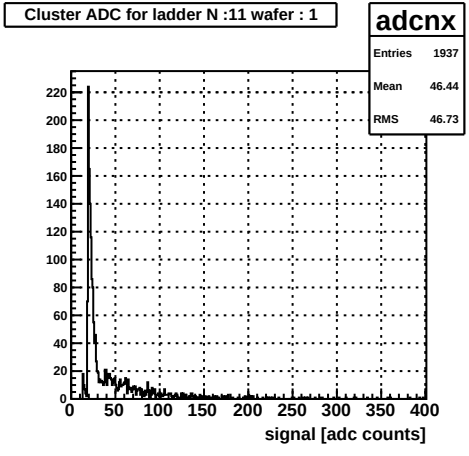

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 2265
Mean 18.68
RMS 22.92
signal [adc counts]

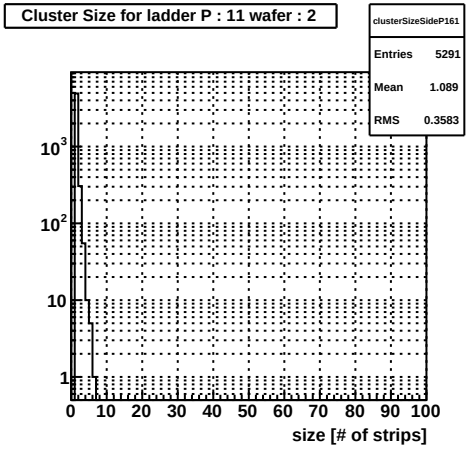

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 6484
Mean 1.088
RMS 0.3599
size [# of strips]

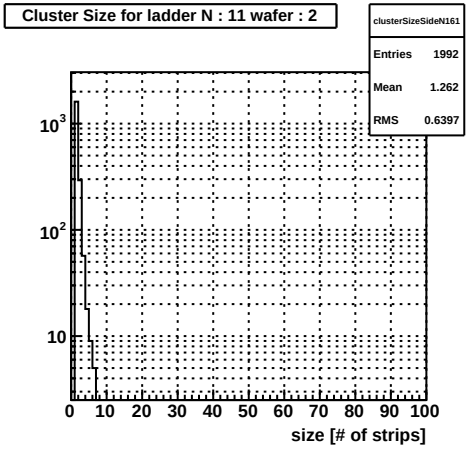

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1937
Mean 1.367
RMS 0.7404
size [# of strips]

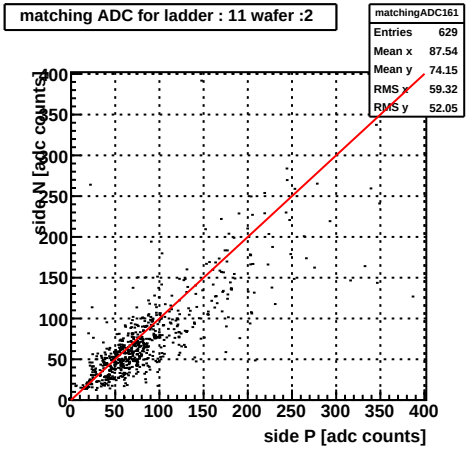

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 623
Mean x 83.8
Mean y 76.18
RMS x 62.39
RMS y 57.04
side N [adc counts]
side P [adc counts]

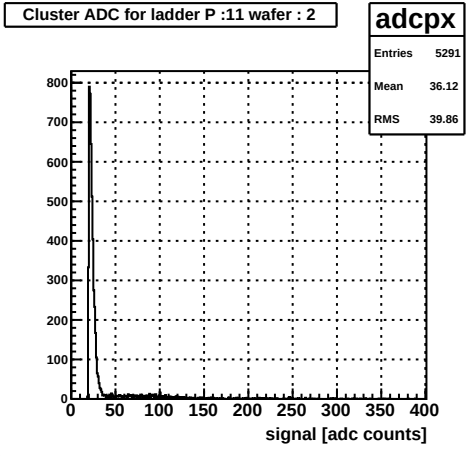

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 6484
Mean 35.14
RMS 38.84
signal [adc counts]

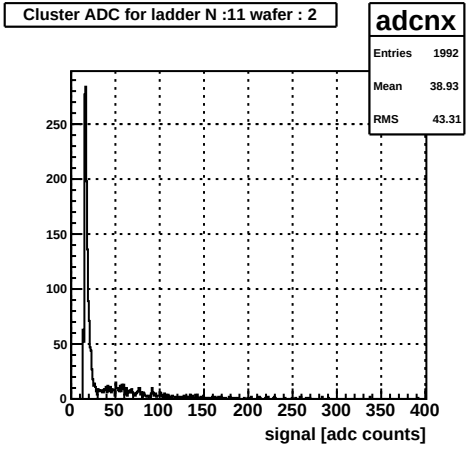

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1937
Mean 46.44
RMS 46.73
signal [adc counts]

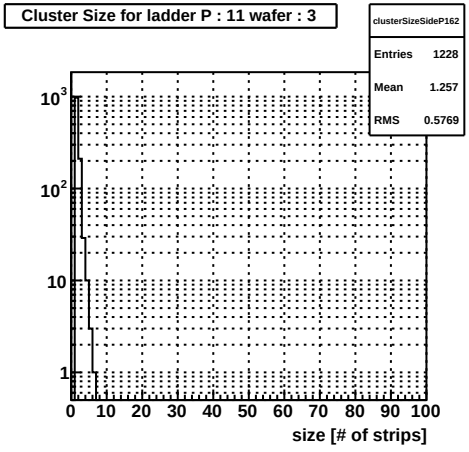

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 5291
Mean 1.089
RMS 0.3583
size [# of strips]

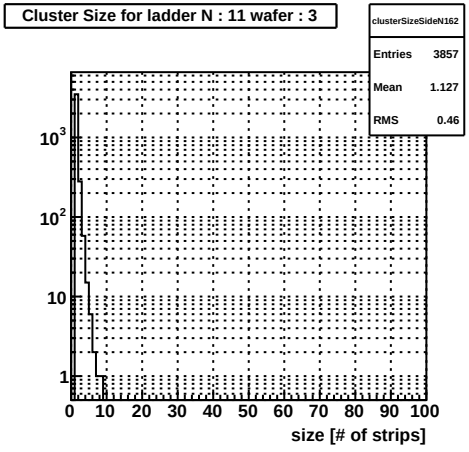

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 1992
Mean 1.262
RMS 0.6397
size [# of strips]

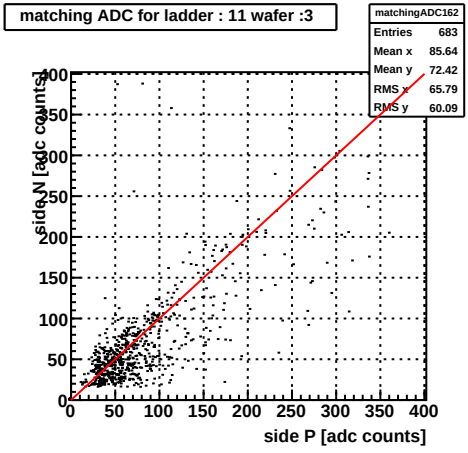

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 629
Mean x 87.54
Mean y 74.15
RMS x 59.32
RMS y 52.05
side N [adc counts]
side P [adc counts]

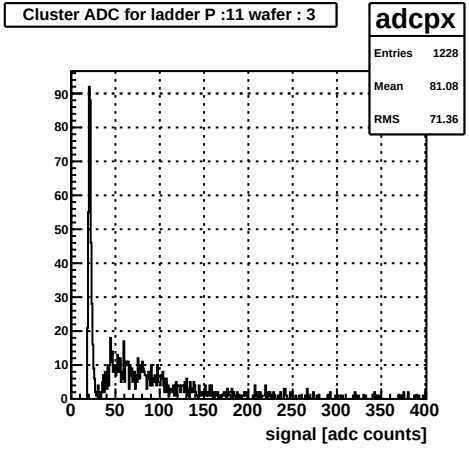

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 5291
Mean 36.12
RMS 39.86
signal [adc counts]

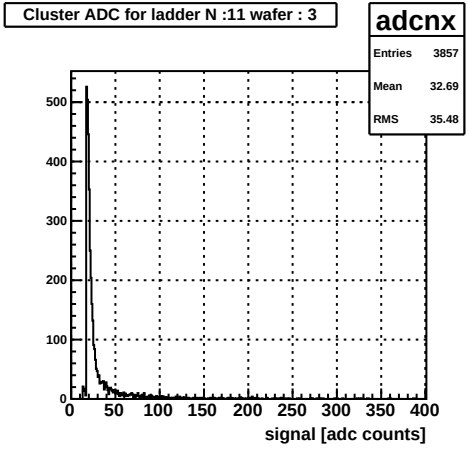

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 1992
Mean 38.93
RMS 43.31
signal [adc counts]

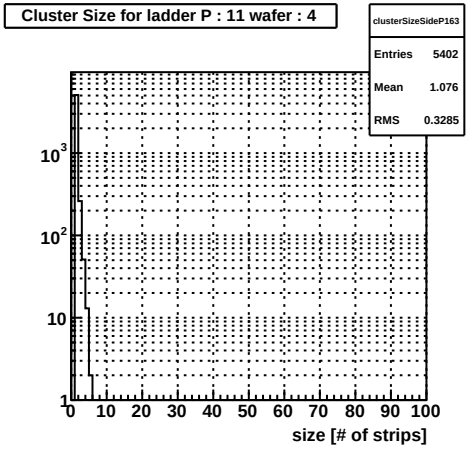

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 1228
Mean 1.257
RMS 0.5769
size [# of strips]

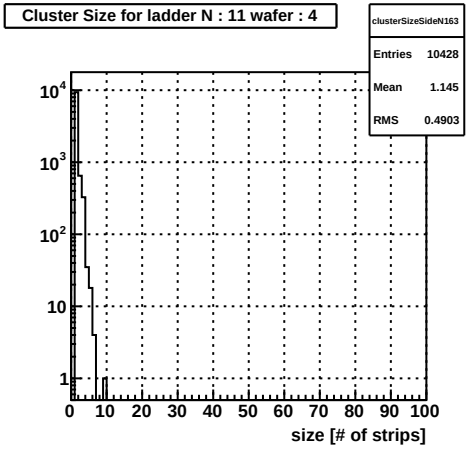

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 3857
Mean 1.127
RMS 0.46
size [# of strips]

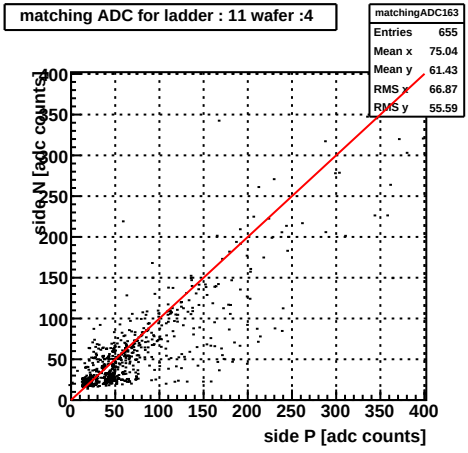

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 683
Mean x 85.64
Mean y 72.42
RMS x 65.79
RMS y 60.09
side N [adc counts]
side P [adc counts]

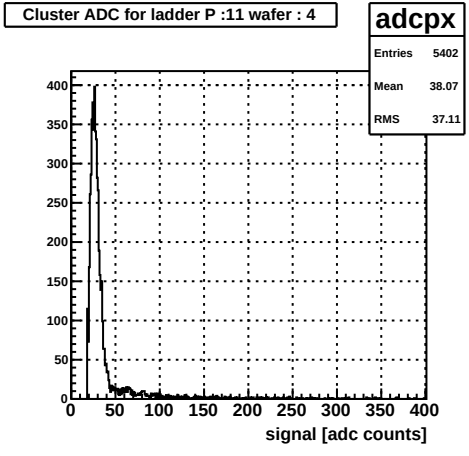

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 1228
Mean 81.08
RMS 71.36
signal [adc counts]

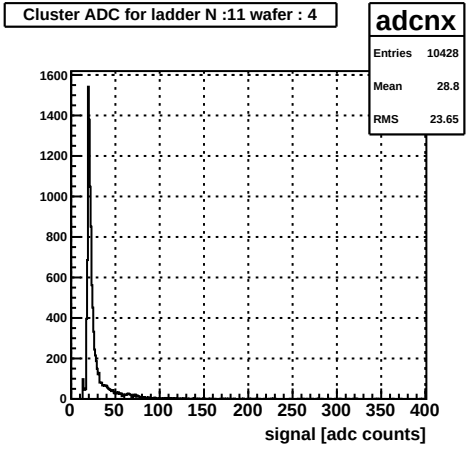

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 3857
Mean 32.69
RMS 35.48
signal [adc counts]

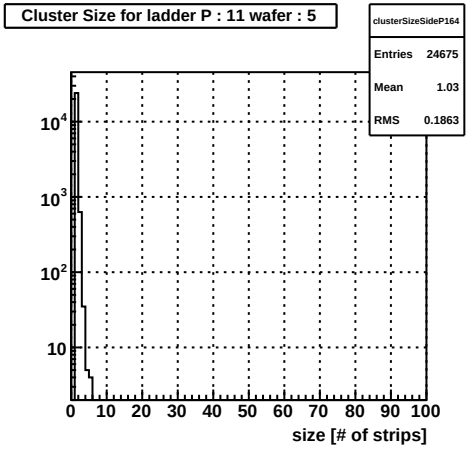

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 5402
Mean 1.076
RMS 0.3285
size [# of strips]

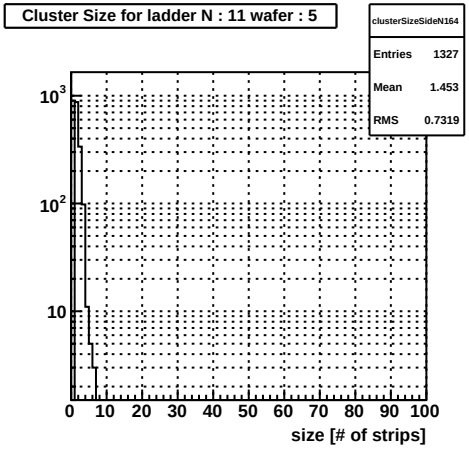

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 10428
Mean 1.145
RMS 0.4903
size [# of strips]

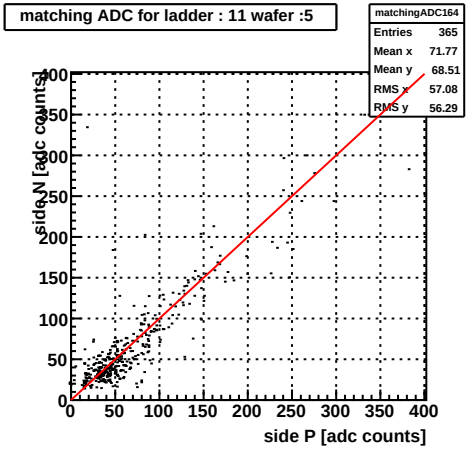

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 655
Mean x 75.04
Mean y 61.43
RMS x 66.87
RMS y 55.59
side N [adc counts]
side P [adc counts]

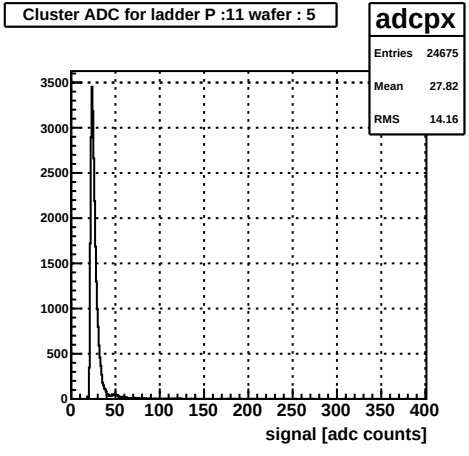

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 5402
Mean 38.07
RMS 37.11
signal [adc counts]

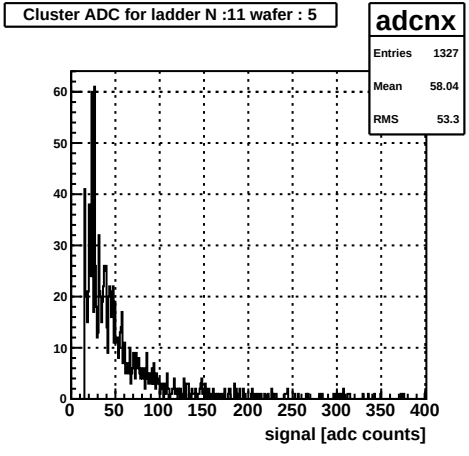

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 10428
Mean 28.8
RMS 23.65
signal [adc counts]

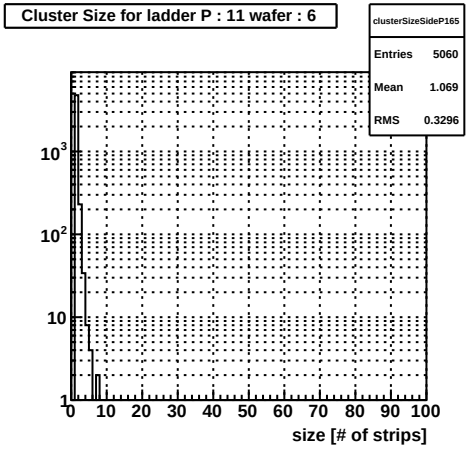

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 24675
Mean 1.03
RMS 0.1863
size [# of strips]

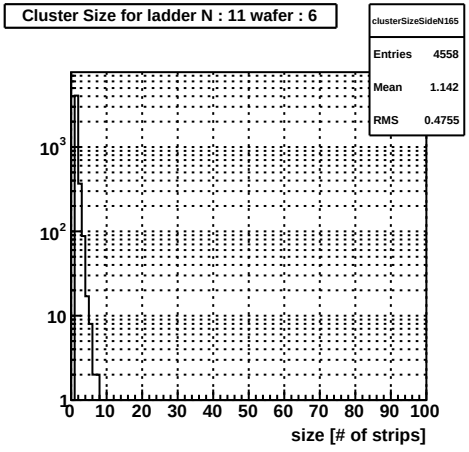

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1327
Mean 1.453
RMS 0.7319
size [# of strips]

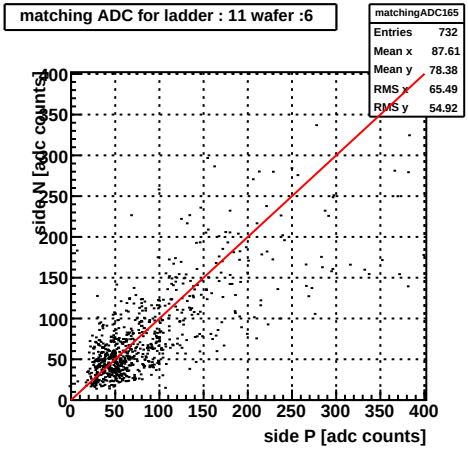

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 365
Mean x 71.77
Mean y 68.51
RMS x 57.08
RMS y 56.29
side N [adc counts]
side P [adc counts]

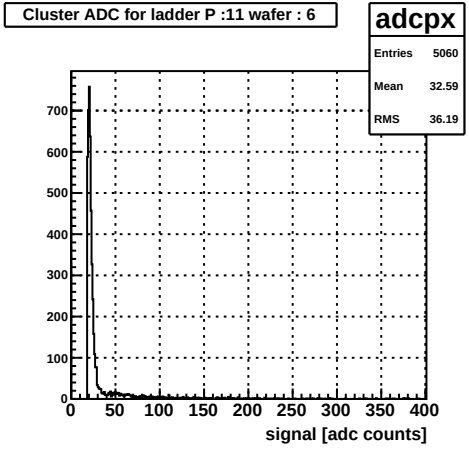

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 24675
Mean 27.82
RMS 14.16
signal [adc counts]

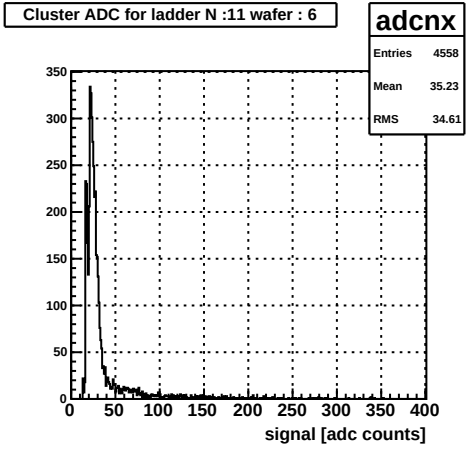

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1327
Mean 58.04
RMS 53.3
signal [adc counts]

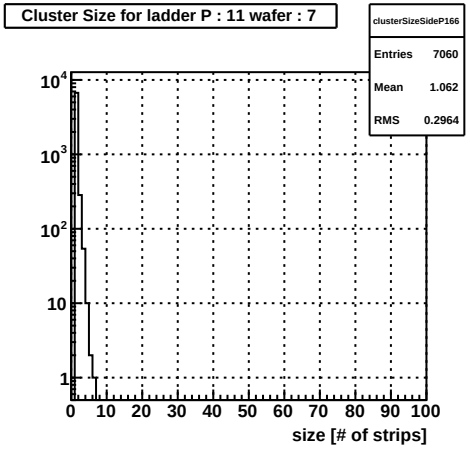

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 5060
Mean 1.069
RMS 0.3296
size [# of strips]

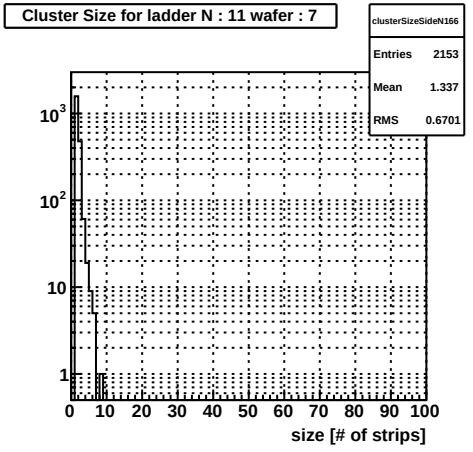

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 4558
Mean 1.142
RMS 0.4755
size [# of strips]

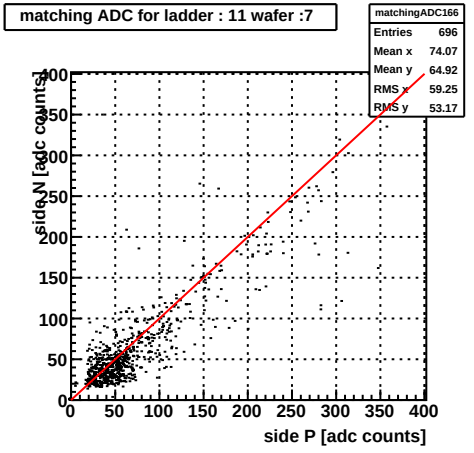

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 732
Mean x 87.61
Mean y 78.38
RMS x 65.49
RMS y 54.92
side N [adc counts]
side P [adc counts]

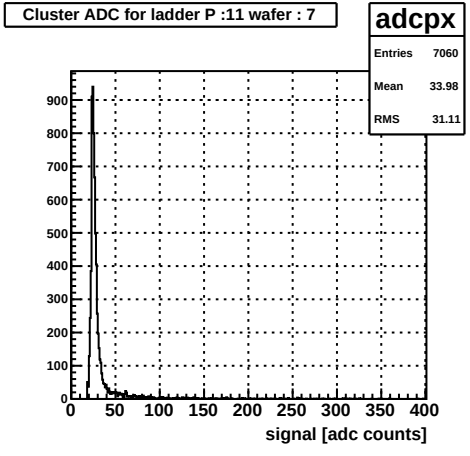

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 5060
Mean 32.59
RMS 36.19
signal [adc counts]

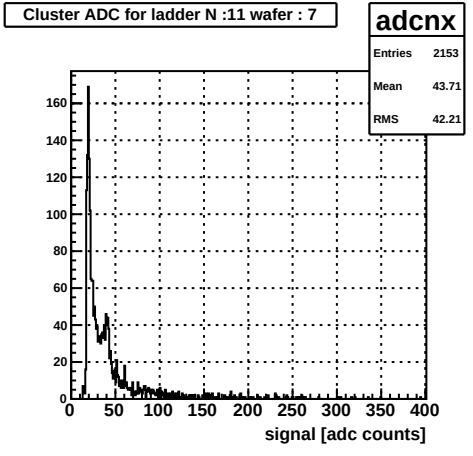

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 4558
Mean 35.23
RMS 34.61
signal [adc counts]

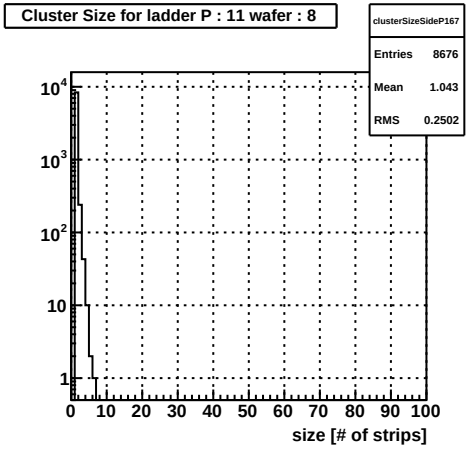

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 7060
Mean 1.062
RMS 0.2964
size [# of strips]

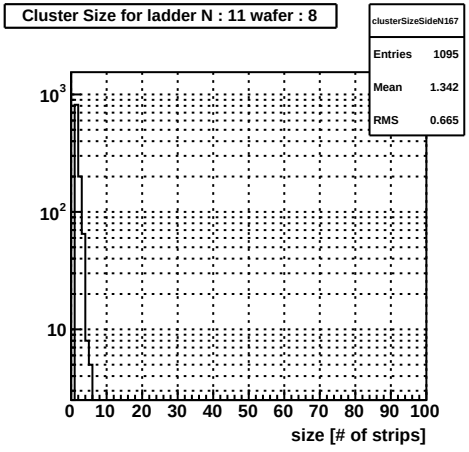

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 2153
Mean 1.337
RMS 0.6701
size [# of strips]

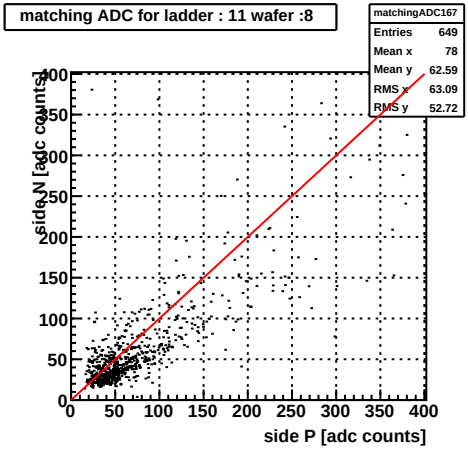

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 696
Mean x 74.07
Mean y 64.92
RMS x 59.25
RMS y 53.17
side N [adc counts]
side P [adc counts]

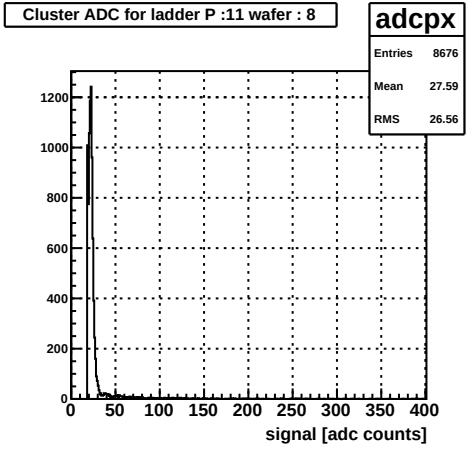

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 7060
Mean 33.98
RMS 31.11
signal [adc counts]

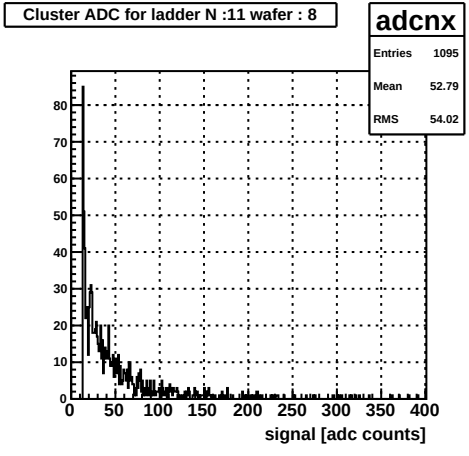

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 2153
Mean 43.71
RMS 42.21
signal [adc counts]

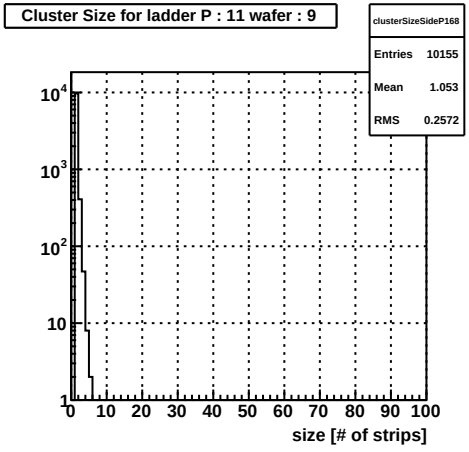

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 8676
Mean 1.043
RMS 0.2502
size [# of strips]

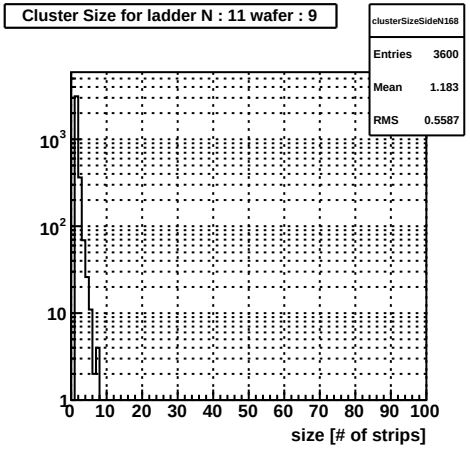

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 1095
Mean 1.342
RMS 0.665
size [# of strips]

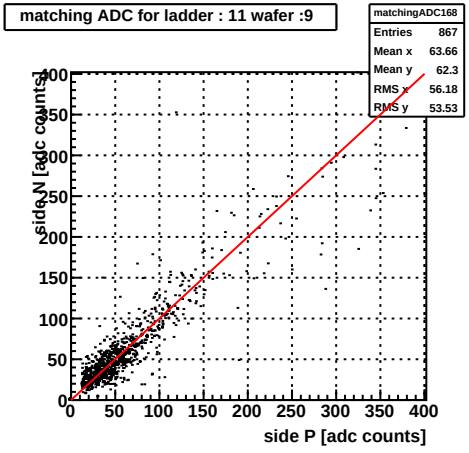

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 649
Mean x 78
Mean y 62.59
RMS x 63.09
RMS y 52.72
side N [adc counts]
side P [adc counts]

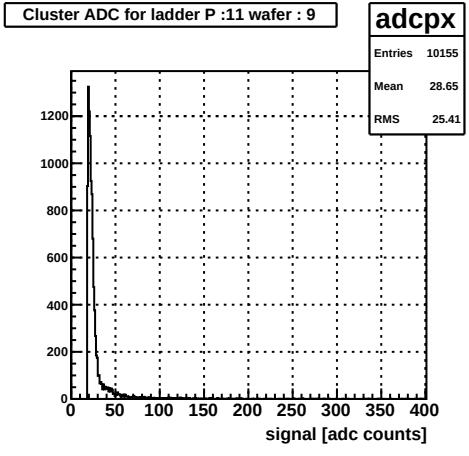

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 8676
Mean 27.59
RMS 26.56
signal [adc counts]

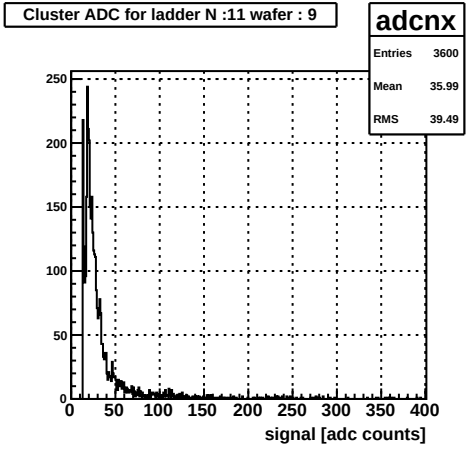

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 1095
Mean 52.79
RMS 54.02
signal [adc counts]

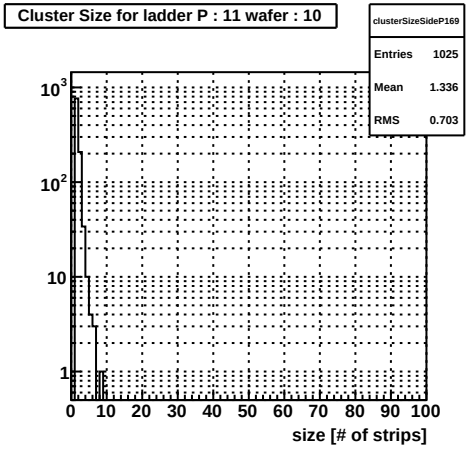

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 10155
Mean 1.053
RMS 0.2572
size [# of strips]

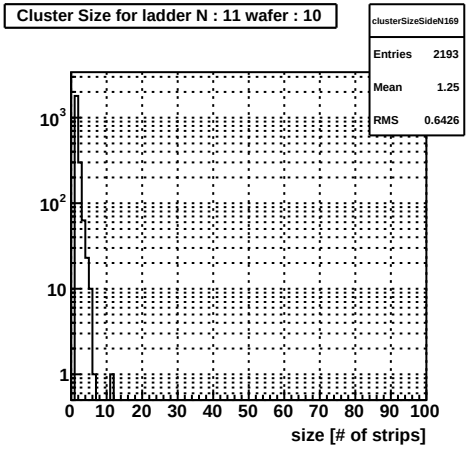

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 3600
Mean 1.183
RMS 0.5587
size [# of strips]

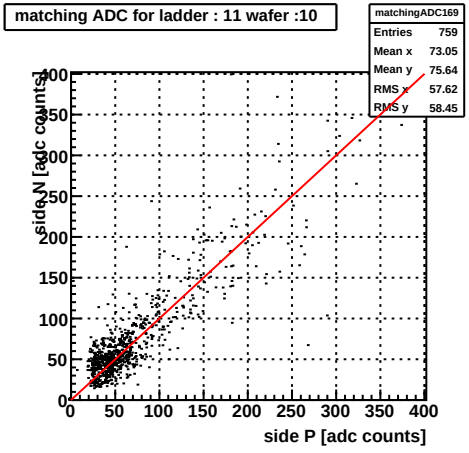

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 867
Mean x 63.66
Mean y 62.3
RMS x 56.18
RMS y 53.53
side N [adc counts]
side P [adc counts]

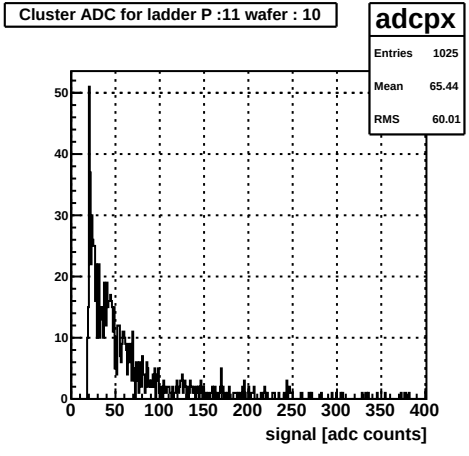

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 10155
Mean 28.65
RMS 25.41
signal [adc counts]

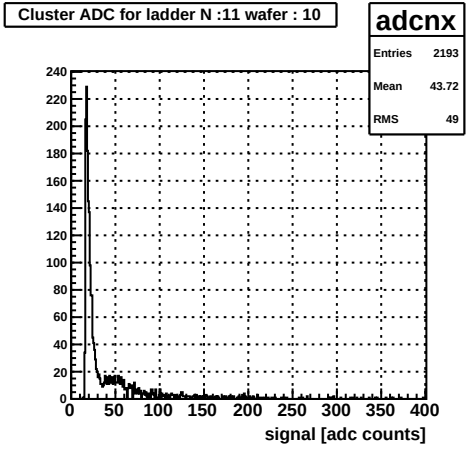

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 3600
Mean 35.99
RMS 39.49
signal [adc counts]

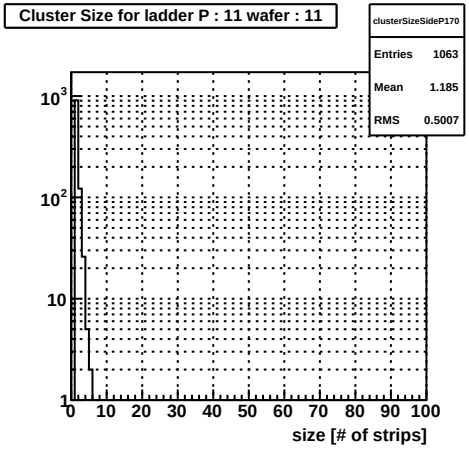

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 1025
Mean 1.336
RMS 0.703
size [# of strips]

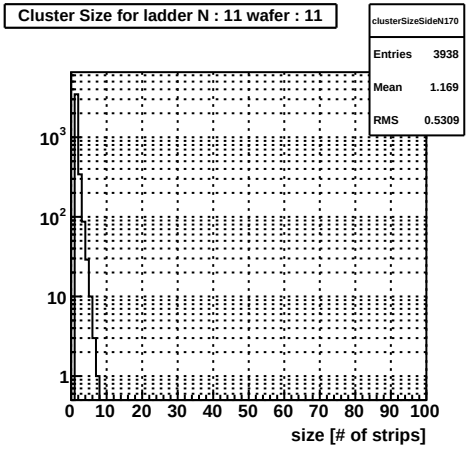

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 2193
Mean 1.25
RMS 0.6426
size [# of strips]

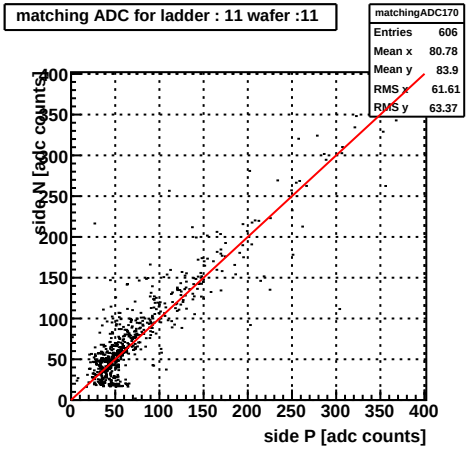

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 759
Mean x 73.05
Mean y 75.64
RMS x 57.62
RMS y 58.45
side N [adc counts]
side P [adc counts]

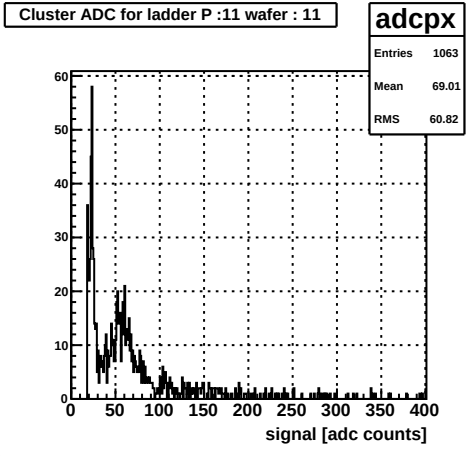

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 1025
Mean 65.44
RMS 60.01
signal [adc counts]

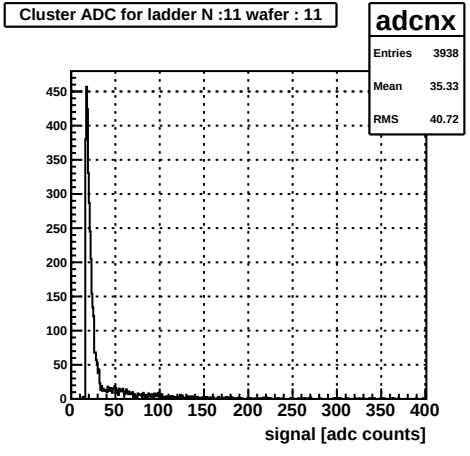

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 2193
Mean 43.72
RMS 49
signal [adc counts]

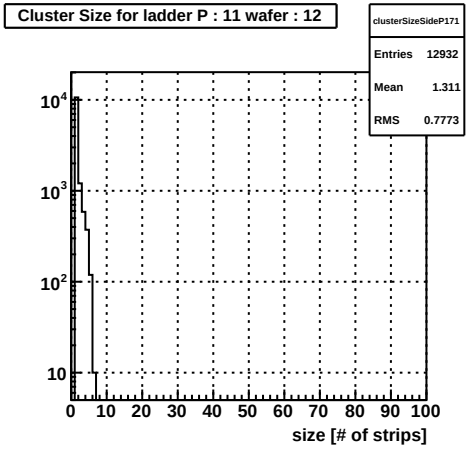

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 1063
Mean 1.185
RMS 0.5007
size [# of strips]

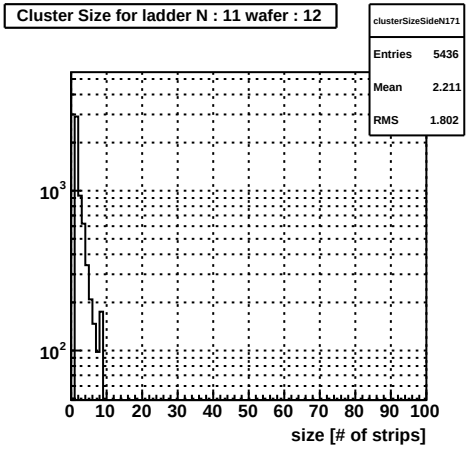

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 3938
Mean 1.169
RMS 0.5309
size [# of strips]

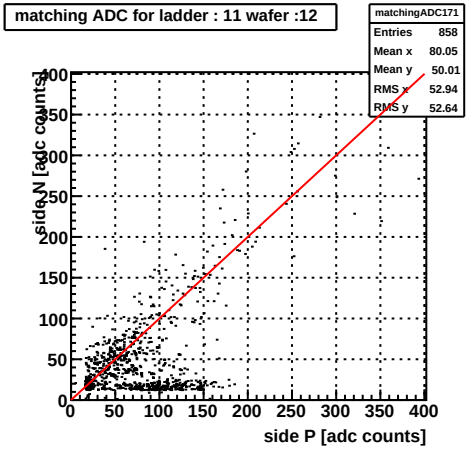

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 606
Mean x 80.78
Mean y 83.9
RMS x 61.61
RMS y 63.37
side N [adc counts]
side P [adc counts]

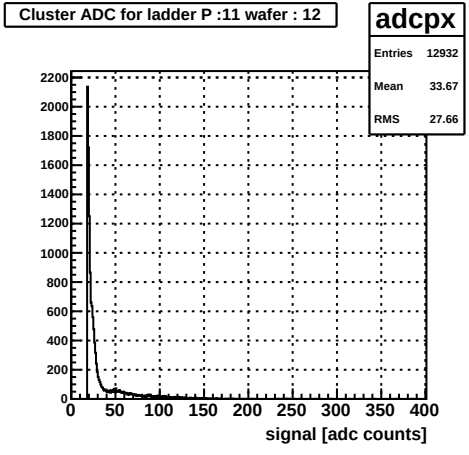

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 1063
Mean 69.01
RMS 60.82
signal [adc counts]

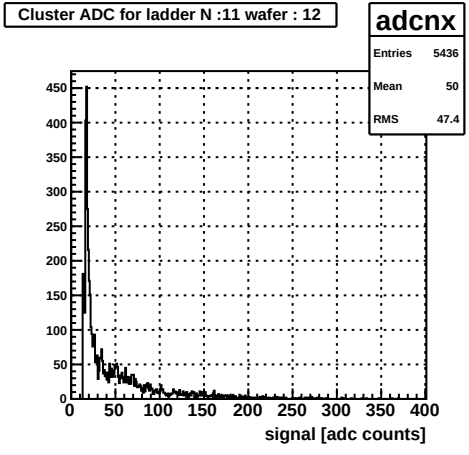

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 3938
Mean 35.33
RMS 40.72
signal [adc counts]

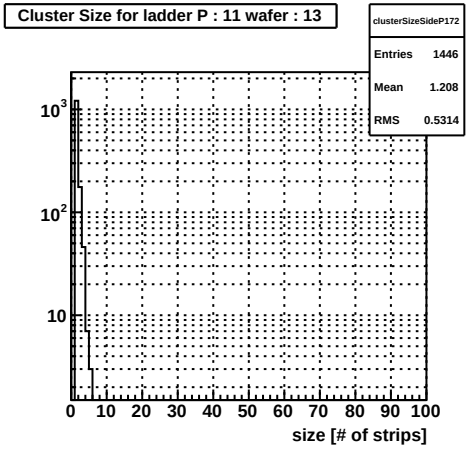

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 12932
Mean 1.311
RMS 0.7773
size [# of strips]

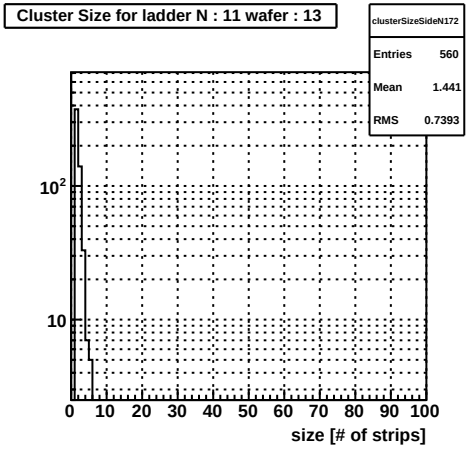

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 5436
Mean 2.211
RMS 1.802
size [# of strips]

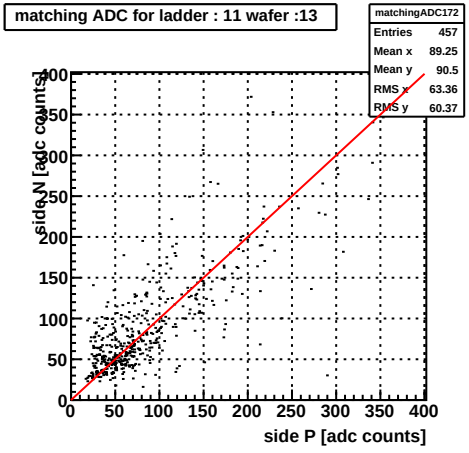

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 858
Mean x 80.05
Mean y 50.01
RMS x 52.94
RMS y 52.64
side N [adc counts]
side P [adc counts]

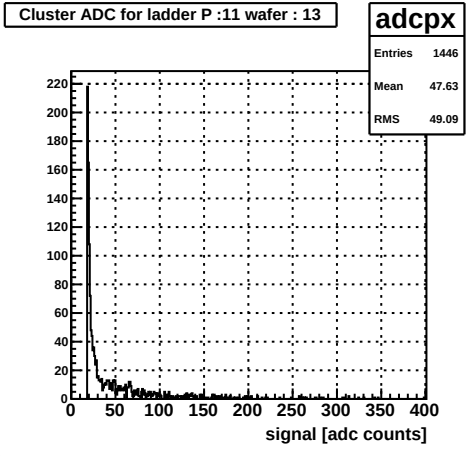

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 12932
Mean 33.67
RMS 27.66
signal [adc counts]

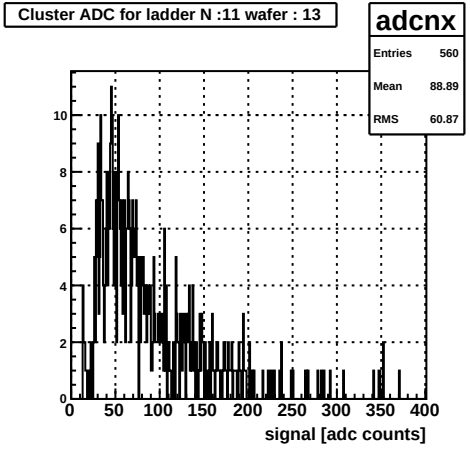

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 5436
Mean 50
RMS 47.4
signal [adc counts]

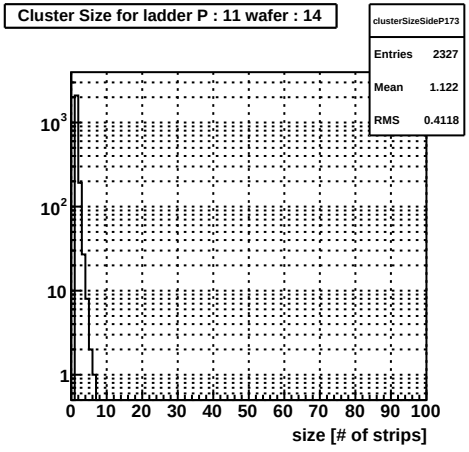

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 1446
Mean 1.208
RMS 0.5314
size [# of strips]

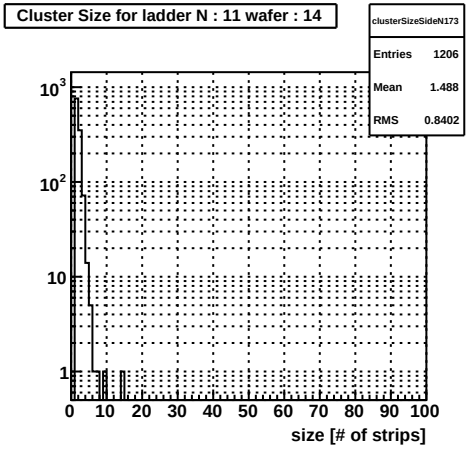

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 560
Mean 1.441
RMS 0.7393
size [# of strips]

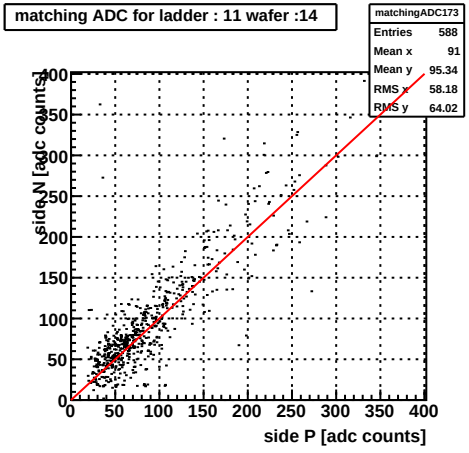

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 457
Mean x 89.25
Mean y 90.5
RMS x 63.36
RMS y 60.37
side N [adc counts]
side P [adc counts]

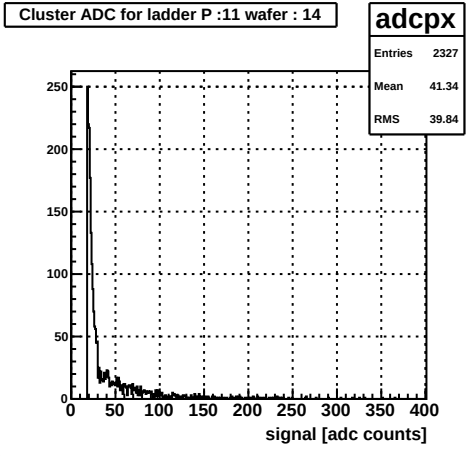

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 1446
Mean 47.63
RMS 49.09
signal [adc counts]

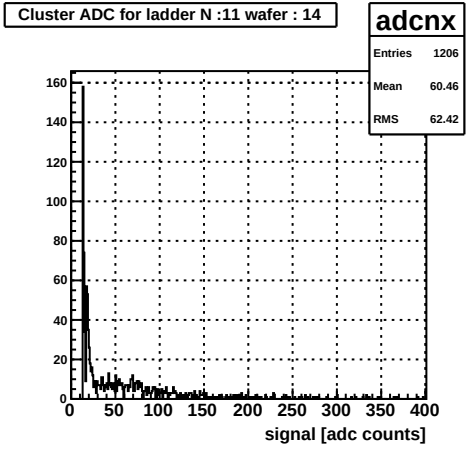

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 560
Mean 88.89
RMS 60.87
signal [adc counts]

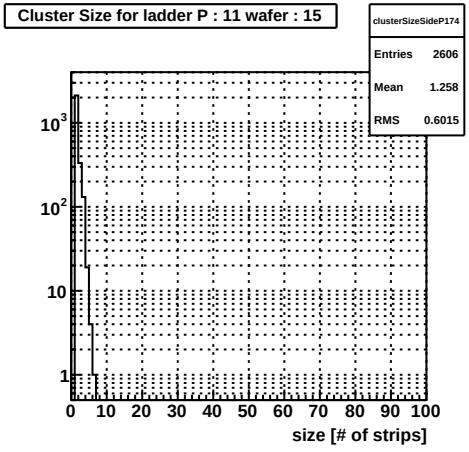

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 2327
Mean 1.122
RMS 0.4118
size [# of strips]

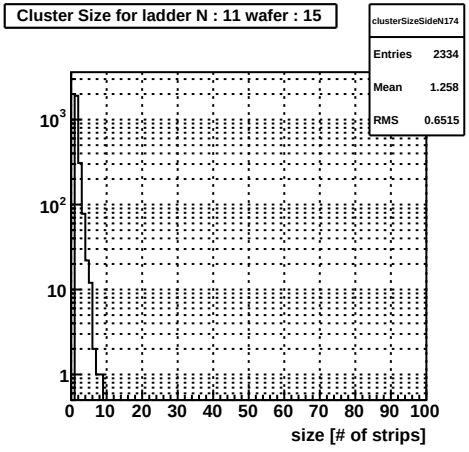

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 1206
Mean 1.488
RMS 0.8402
size [# of strips]

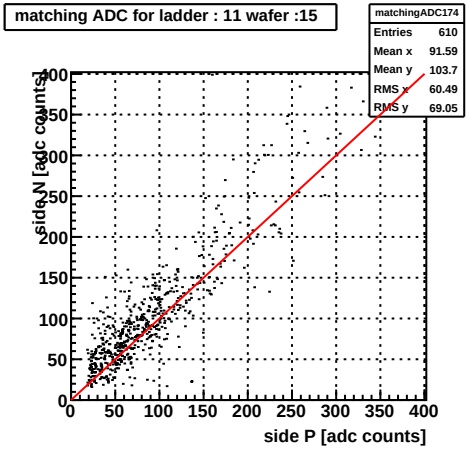

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 588
Mean x 91
Mean y 95.34
RMS x 58.18
RMS y 64.02
side N [adc counts]
side P [adc counts]

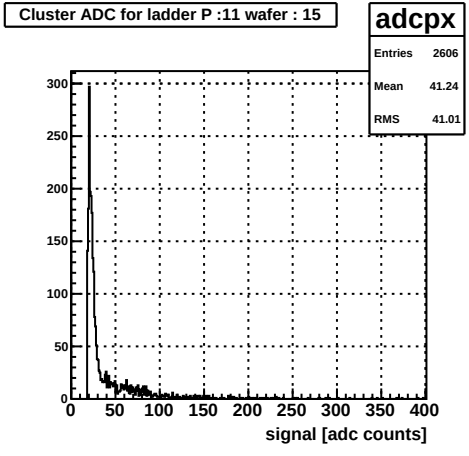

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 2327
Mean 41.34
RMS 39.84
signal [adc counts]

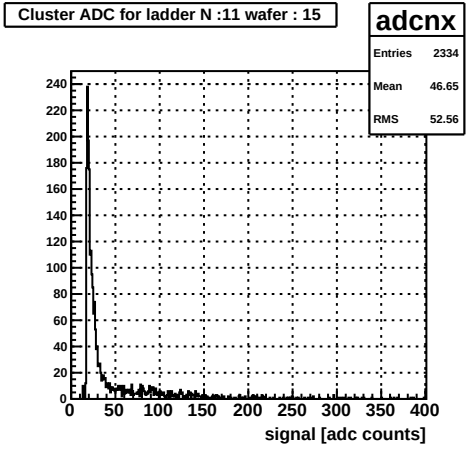

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 1206
Mean 60.46
RMS 62.42
signal [adc counts]

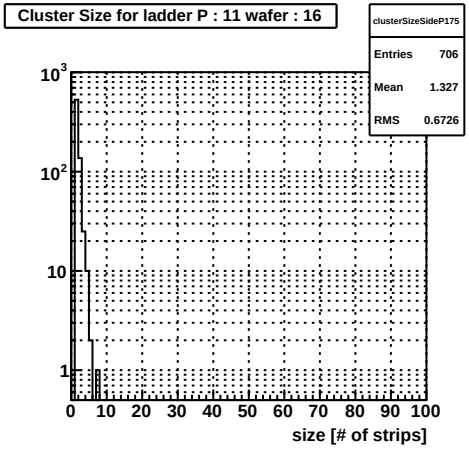

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 2606
Mean 1.258
RMS 0.6015
size [# of strips]

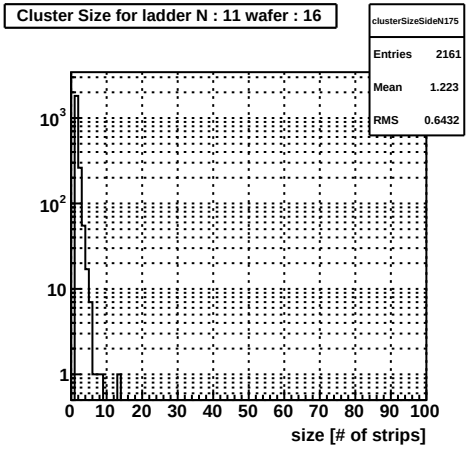

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 2334
Mean 1.258
RMS 0.6515
size [# of strips]

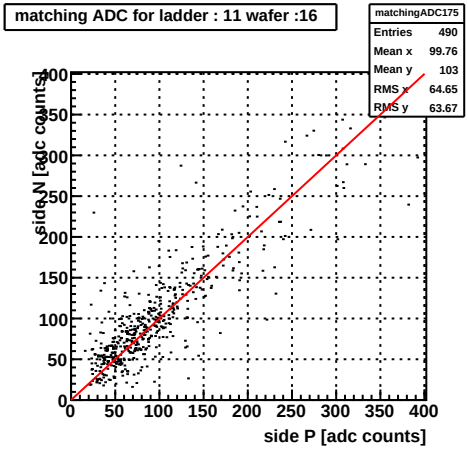

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 610
Mean x 91.59
Mean y 103.7
RMS x 60.49
RMS y 69.05
side N [adc counts]
side P [adc counts]

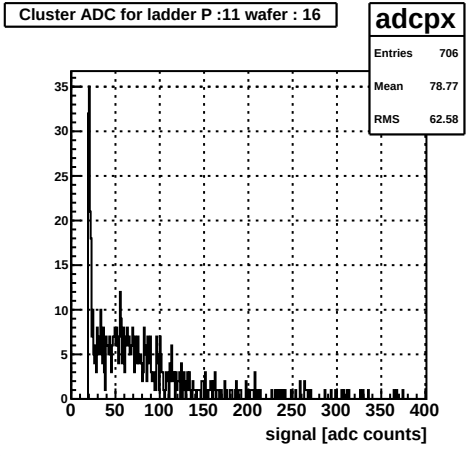

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 2606
Mean 41.24
RMS 41.01
signal [adc counts]

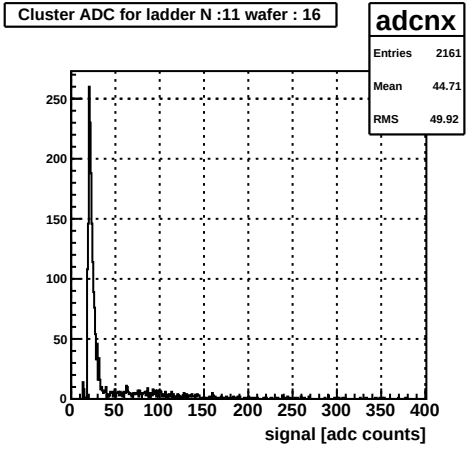

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 2334
Mean 46.65
RMS 52.56
signal [adc counts]

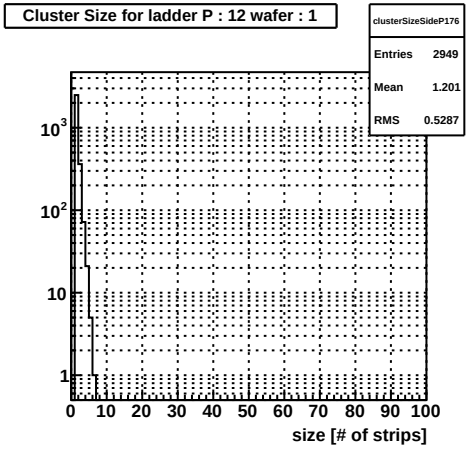

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 706
Mean 1.327
RMS 0.6726
size [# of strips]

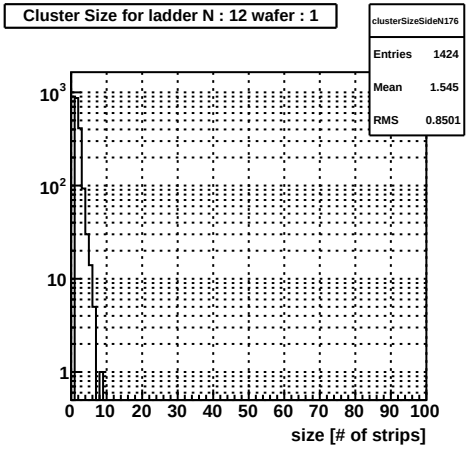

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 2161
Mean 1.223
RMS 0.6432
size [# of strips]

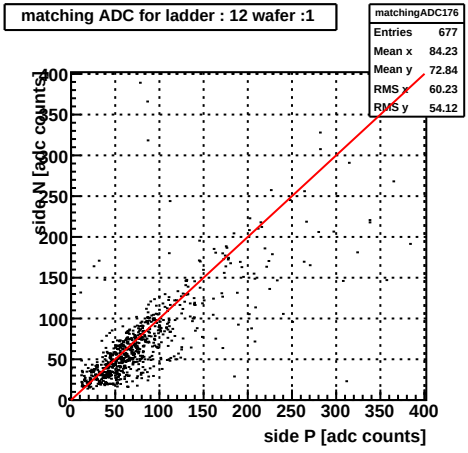

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 490
Mean x 99.76
Mean y 103
RMS x 64.65
RMS y 63.67
side N [adc counts]
side P [adc counts]

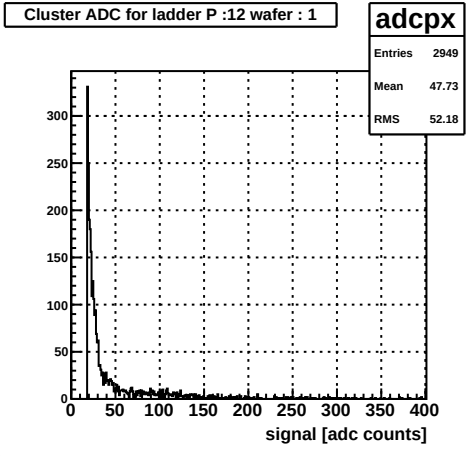

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 706
Mean 78.77
RMS 62.58
signal [adc counts]

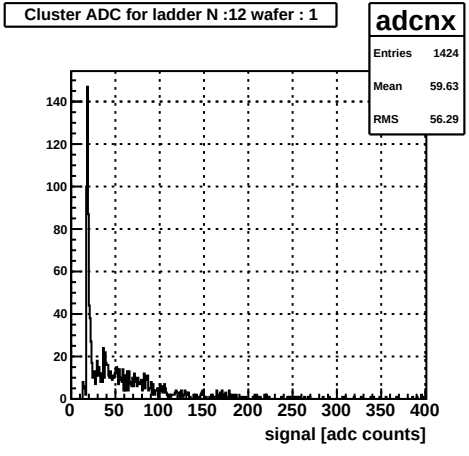

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 2161
Mean 44.71
RMS 49.92
signal [adc counts]

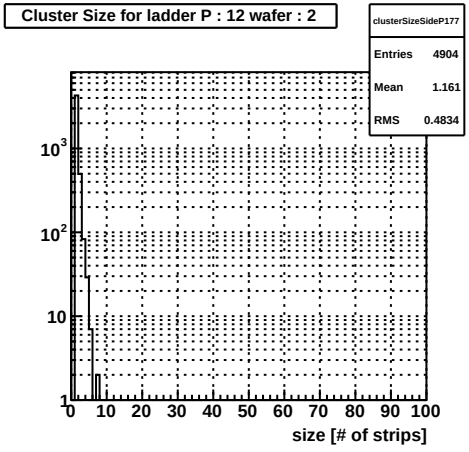

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 2949
Mean 1.201
RMS 0.5287
size [# of strips]

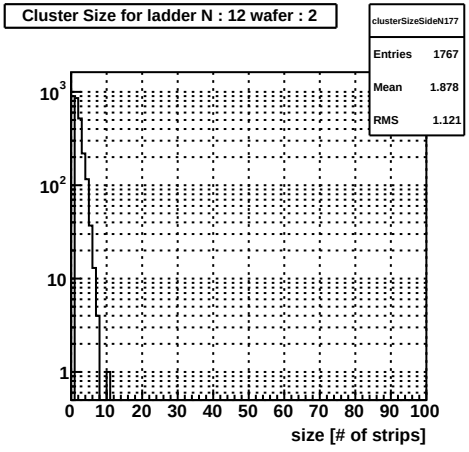

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 1424
Mean 1.545
RMS 0.8501
size [# of strips]

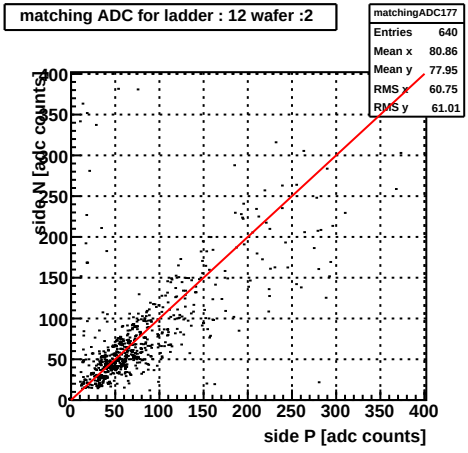

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 677
Mean x 84.23
Mean y 72.84
RMS x 60.23
RMS y 54.12
side N [adc counts]
side P [adc counts]

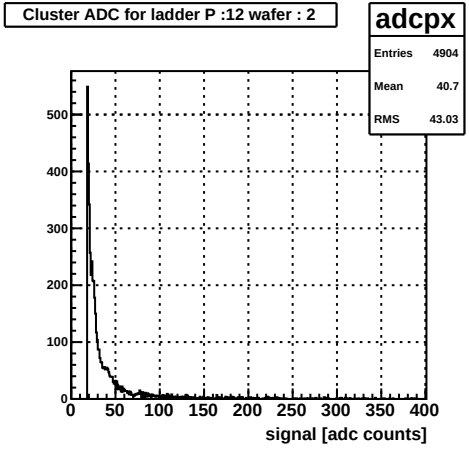

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 2949
Mean 47.73
RMS 52.18
signal [adc counts]

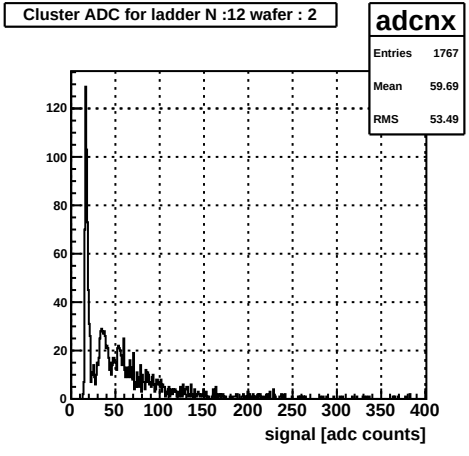

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 1424
Mean 59.63
RMS 56.29
signal [adc counts]

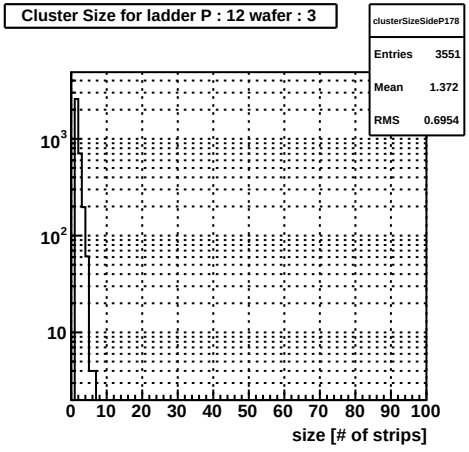

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 4904
Mean 1.161
RMS 0.4834
size [# of strips]

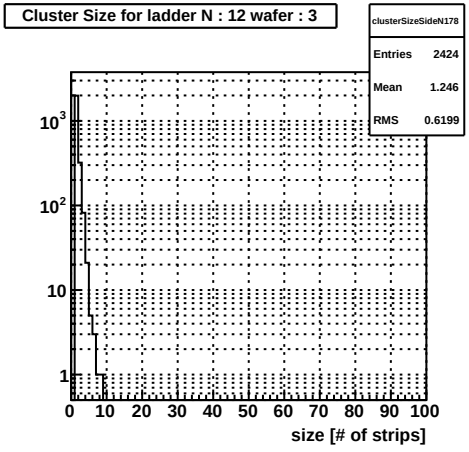

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 1767
Mean 1.878
RMS 1.121
size [# of strips]

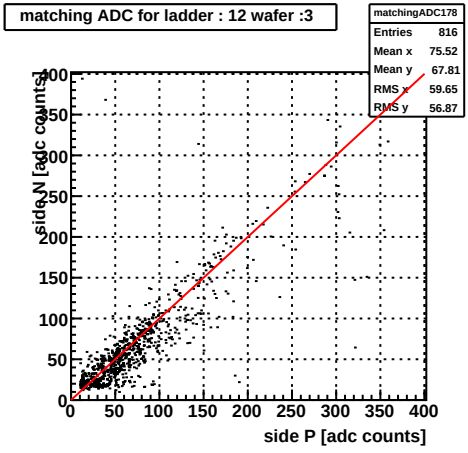

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 640
Mean x 80.86
Mean y 77.95
RMS x 60.75
RMS y 61.01
side N [adc counts]
side P [adc counts]

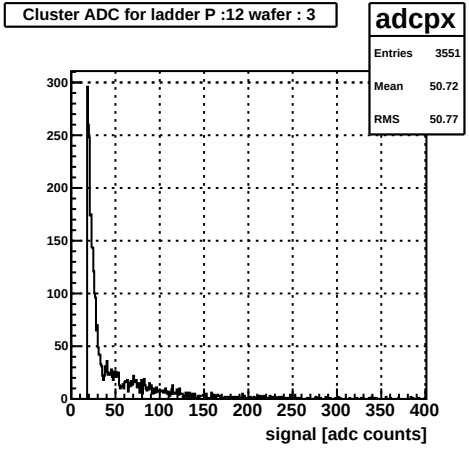

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 4904
Mean 40.7
RMS 43.03
signal [adc counts]

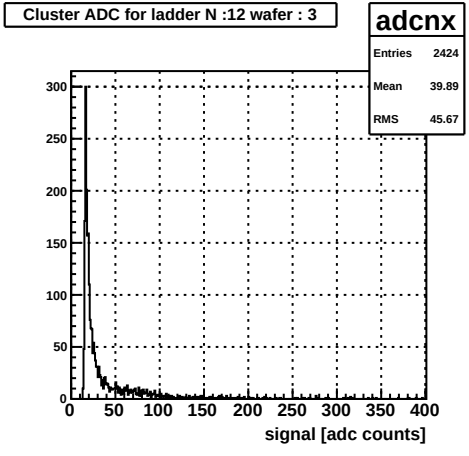

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 1767
Mean 59.69
RMS 53.49
signal [adc counts]

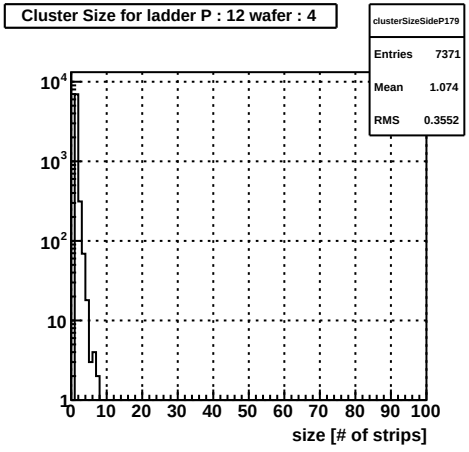

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 3551
Mean 1.372
RMS 0.6954
size [# of strips]

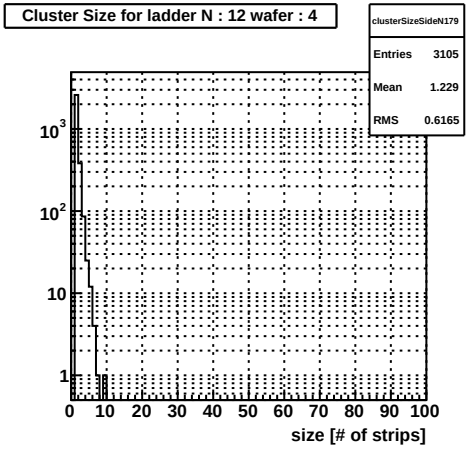

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 2424
Mean 1.246
RMS 0.6199
size [# of strips]

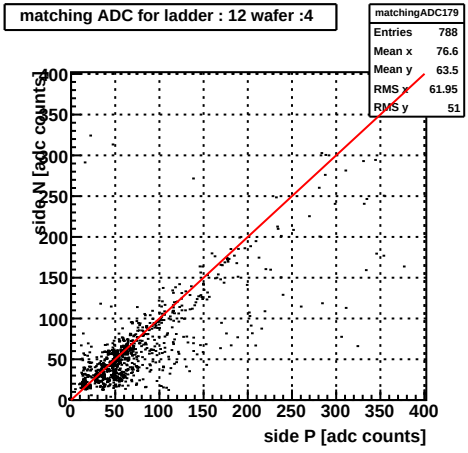

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 816
Mean x 75.52
Mean y 67.81
RMS x 59.65
RMS y 56.87
side N [adc counts]
side P [adc counts]

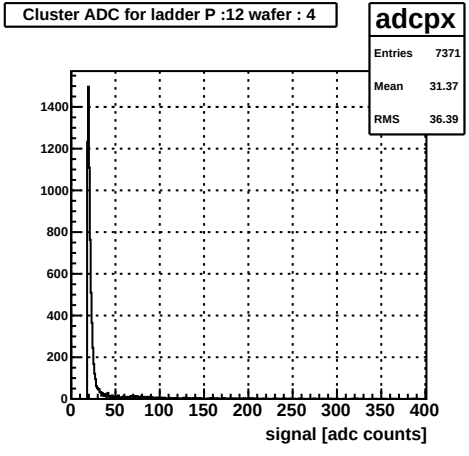

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 3551
Mean 50.72
RMS 50.77
signal [adc counts]

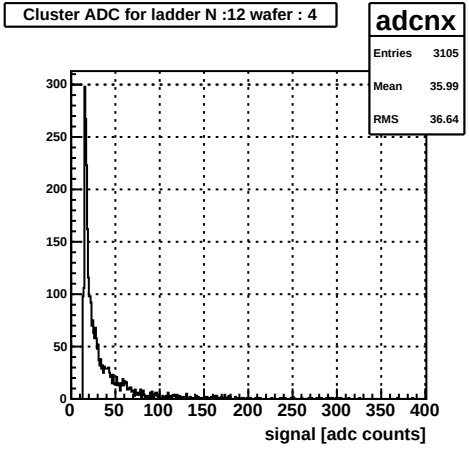

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 2424
Mean 39.89
RMS 45.67
signal [adc counts]

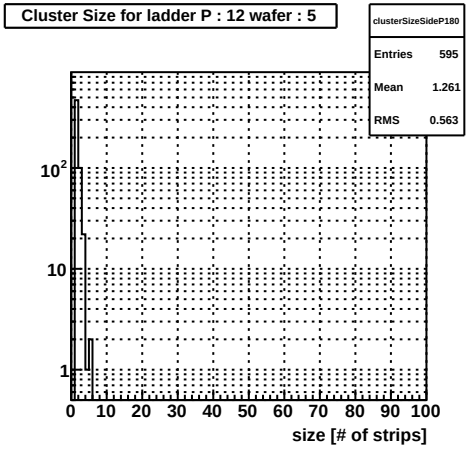

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 7371
Mean 1.074
RMS 0.3552
size [# of strips]

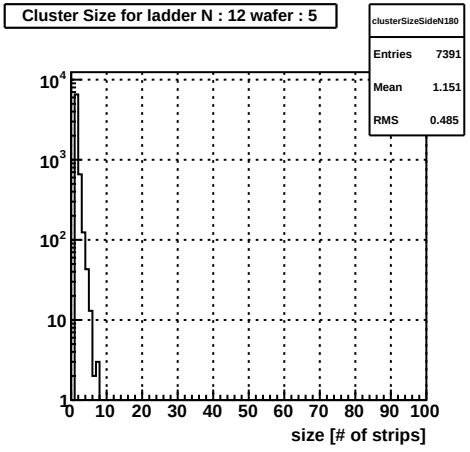

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 3105
Mean 1.229
RMS 0.6165
size [# of strips]

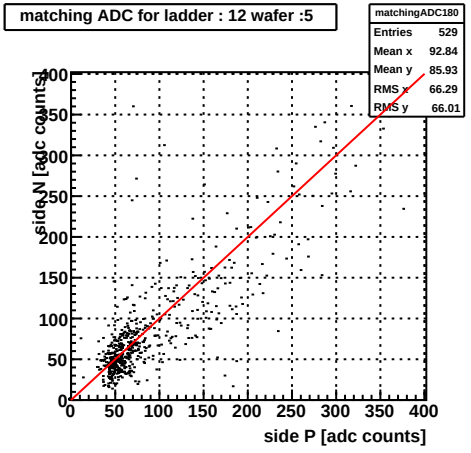

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 788
Mean x 76.6
Mean y 63.5
RMS x 61.95
RMS y 51
side N [adc counts]
side P [adc counts]

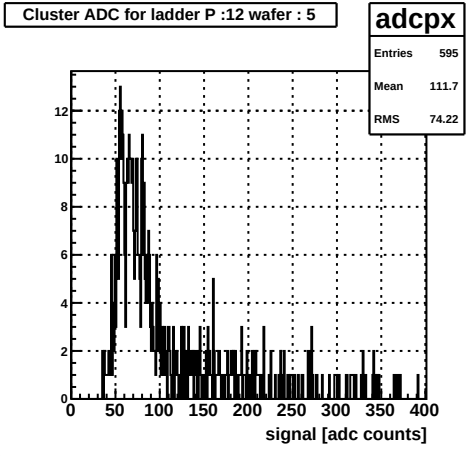

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 7371
Mean 31.37
RMS 36.39
signal [adc counts]

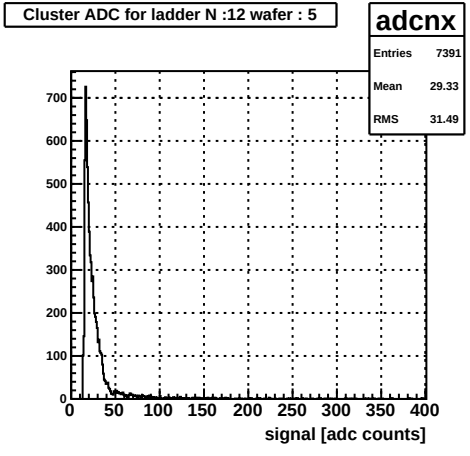

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 3105
Mean 35.99
RMS 36.64
signal [adc counts]

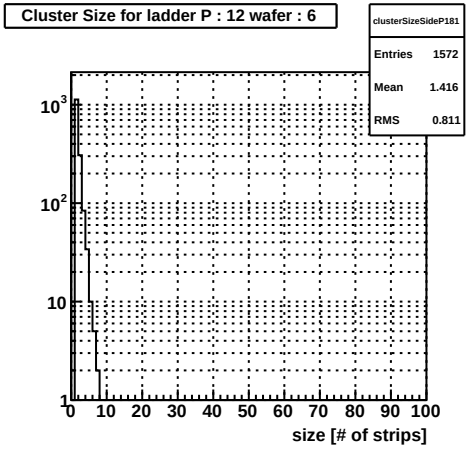

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 595
Mean 1.261
RMS 0.563
size [# of strips]

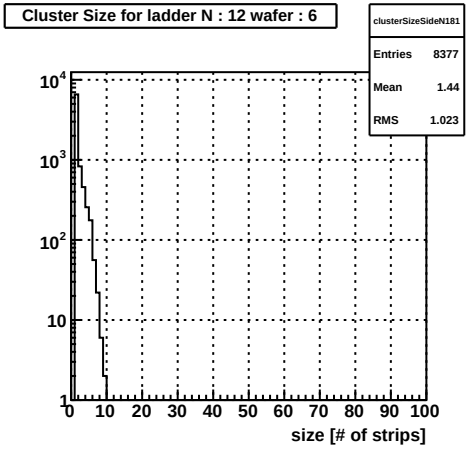

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 7391
Mean 1.151
RMS 0.485
size [# of strips]

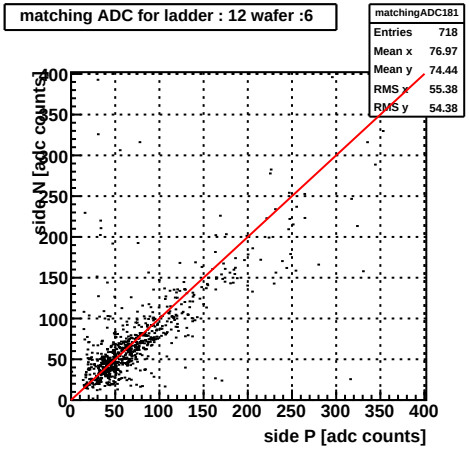

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 529
Mean x 92.84
Mean y 85.93
RMS x 66.29
RMS y 66.01
side N [adc counts]
side P [adc counts]

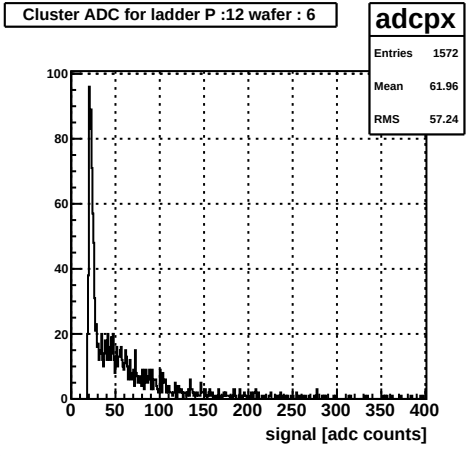

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 595
Mean 111.7
RMS 74.22
signal [adc counts]

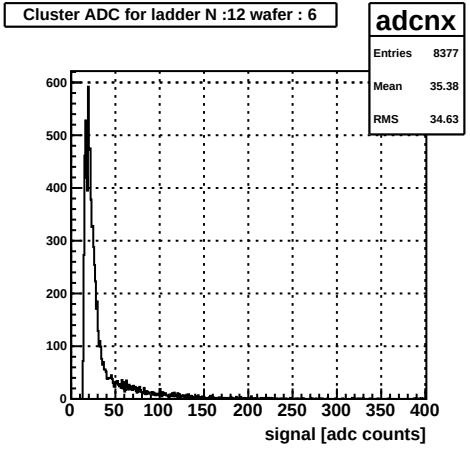

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 7391
Mean 29.33
RMS 31.49
signal [adc counts]

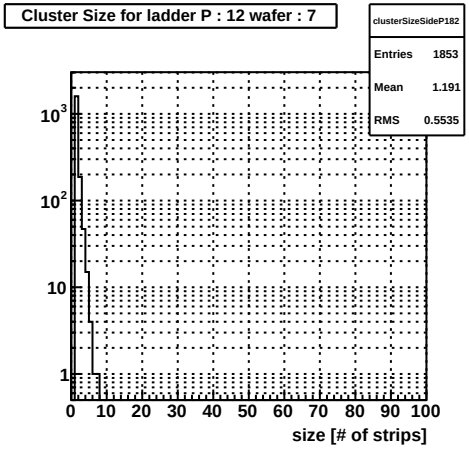

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 1572
Mean 1.416
RMS 0.811
size [# of strips]

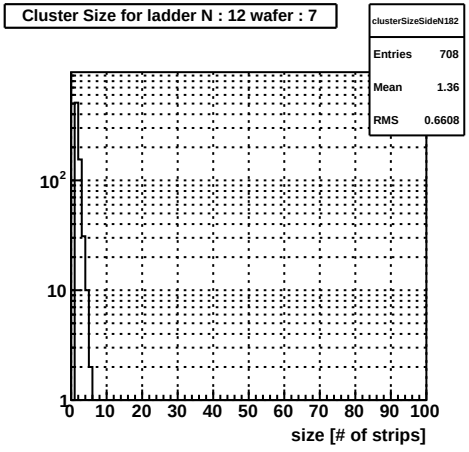

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 8377
Mean 1.44
RMS 1.023
size [# of strips]

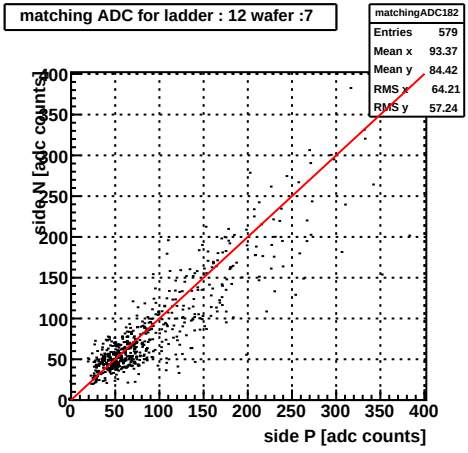

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 718
Mean x 76.97
Mean y 74.44
RMS x 55.38
RMS y 54.38
side N [adc counts]
side P [adc counts]

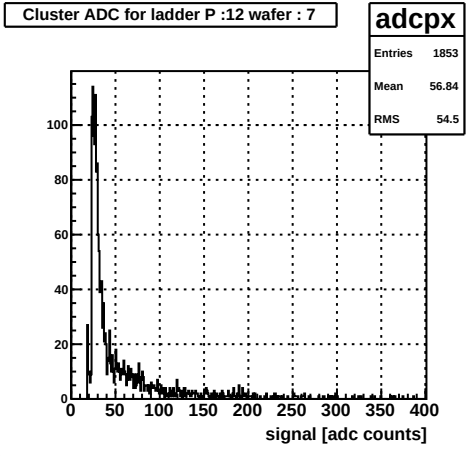

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 1572
Mean 61.96
RMS 57.24
signal [adc counts]

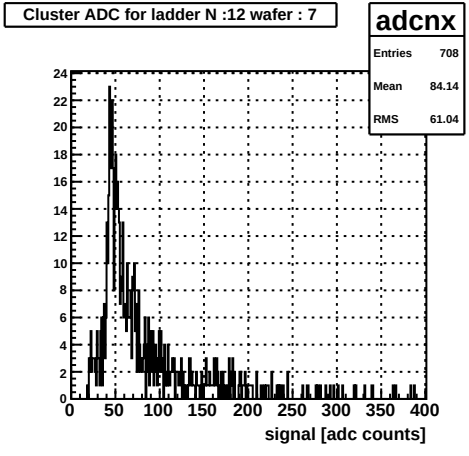

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 8377
Mean 35.38
RMS 34.63
signal [adc counts]

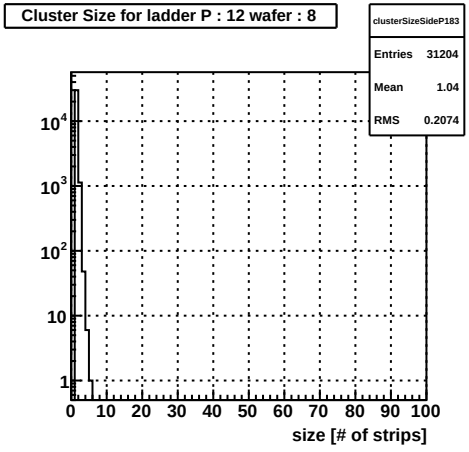

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 1853
Mean 1.191
RMS 0.5535
size [# of strips]

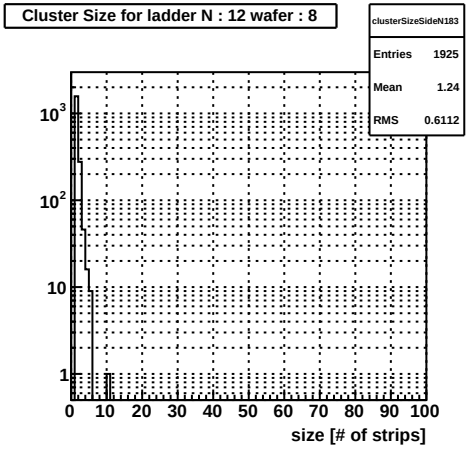

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 708
Mean 1.36
RMS 0.6608
size [# of strips]

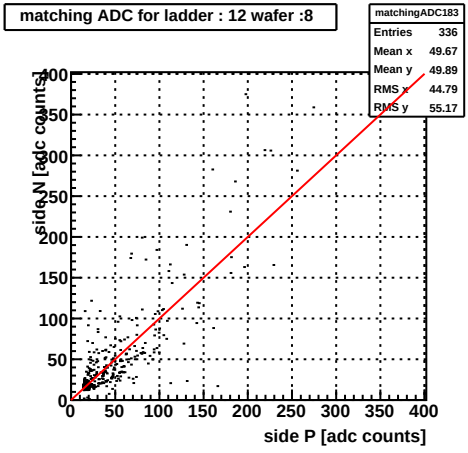

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 579
Mean x 93.37
Mean y 84.42
RMS x 64.21
RMS y 57.24
side N [adc counts]
side P [adc counts]

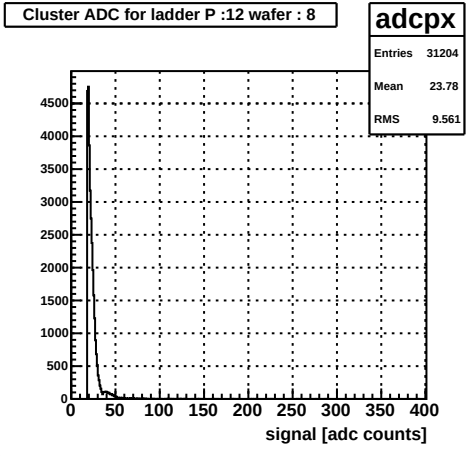

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 1853
Mean 56.84
RMS 54.5
signal [adc counts]

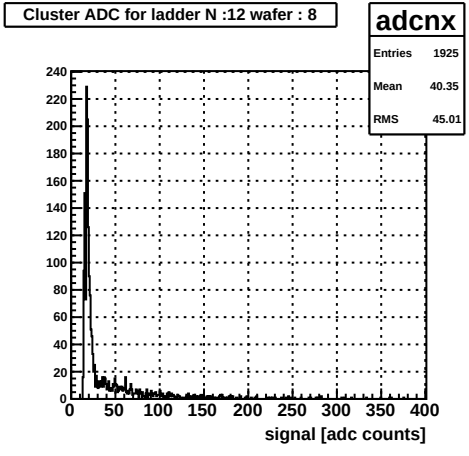

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 708
Mean 84.14
RMS 61.04
signal [adc counts]

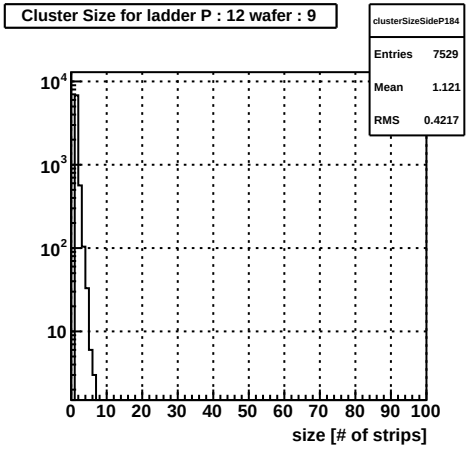

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 31204
Mean 1.04
RMS 0.2074
size [# of strips]

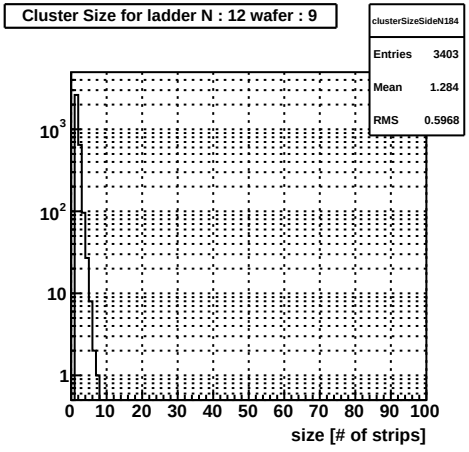

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 1925
Mean 1.24
RMS 0.6112
size [# of strips]

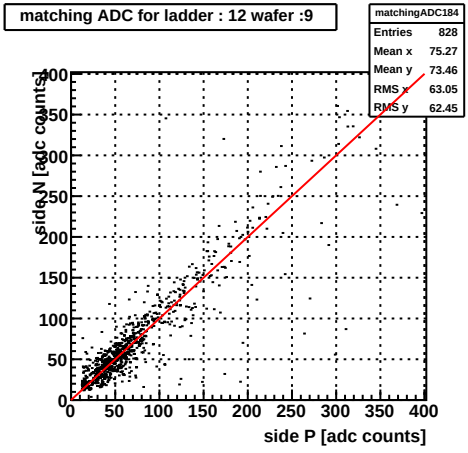

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 336
Mean x 49.67
Mean y 49.89
RMS x 44.79
RMS y 55.17
side N [adc counts]
side P [adc counts]

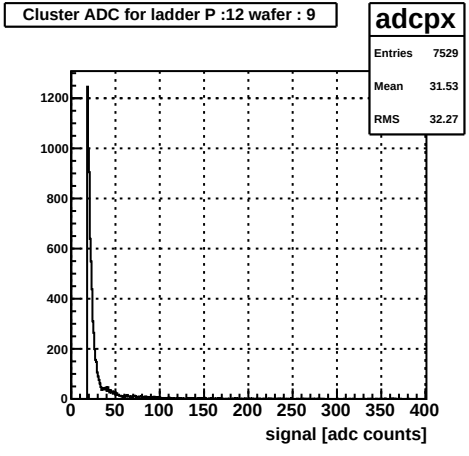

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 31204
Mean 23.78
RMS 9.561
signal [adc counts]

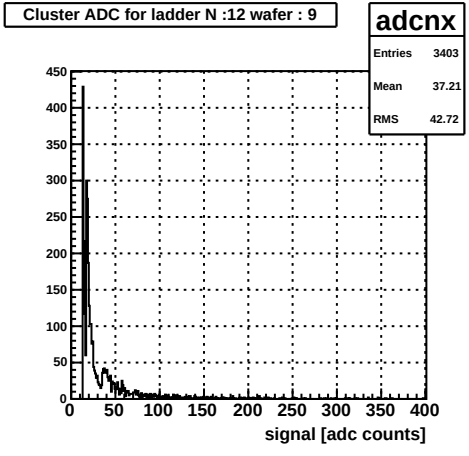

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 1925
Mean 40.35
RMS 45.01
signal [adc counts]

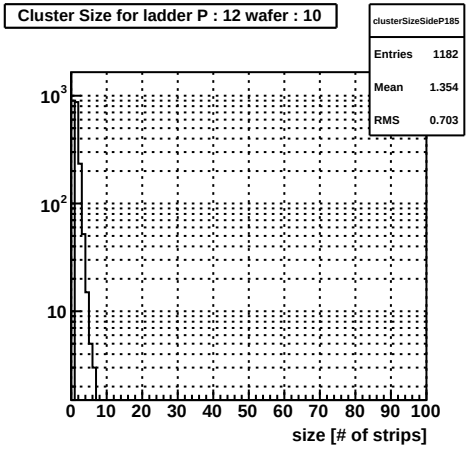

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 7529
Mean 1.121
RMS 0.4217
size [# of strips]

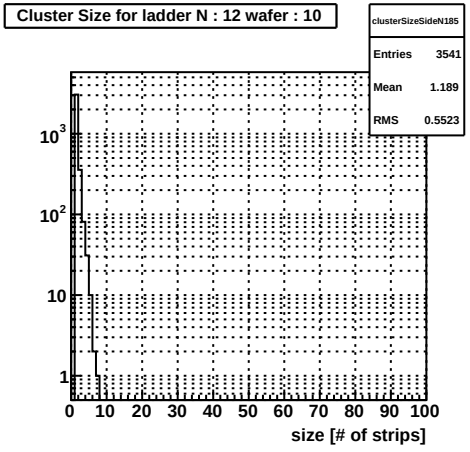

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 3403
Mean 1.284
RMS 0.5968
size [# of strips]

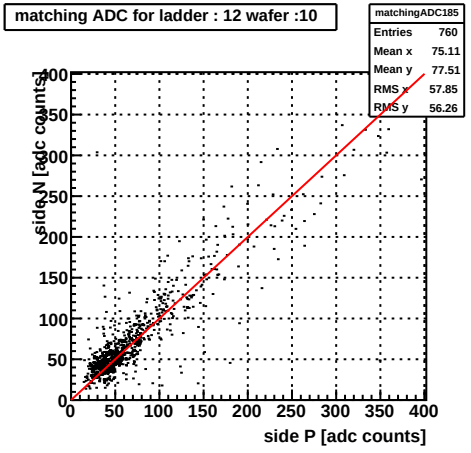

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 828
Mean x 75.27
Mean y 73.46
RMS x 63.05
RMS y 62.45
side N [adc counts]
side P [adc counts]

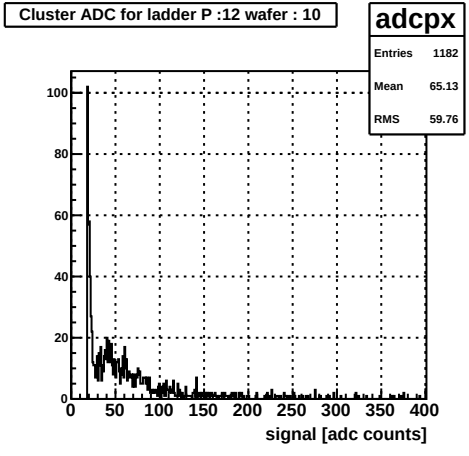

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 7529
Mean 31.53
RMS 32.27
signal [adc counts]

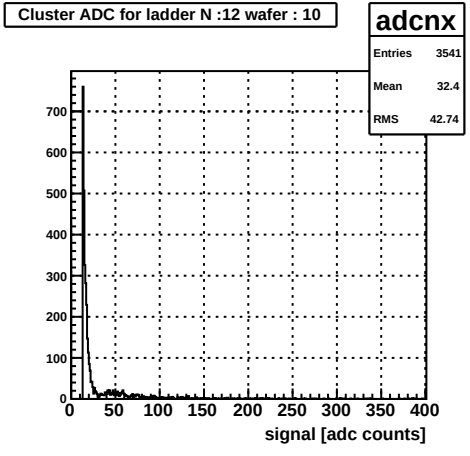

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 3403
Mean 37.21
RMS 42.72
signal [adc counts]

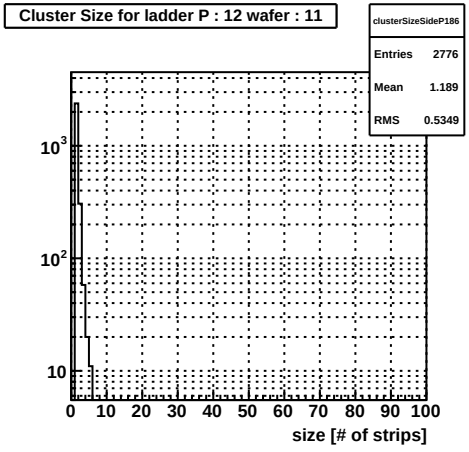

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 1182
Mean 1.354
RMS 0.703
size [# of strips]

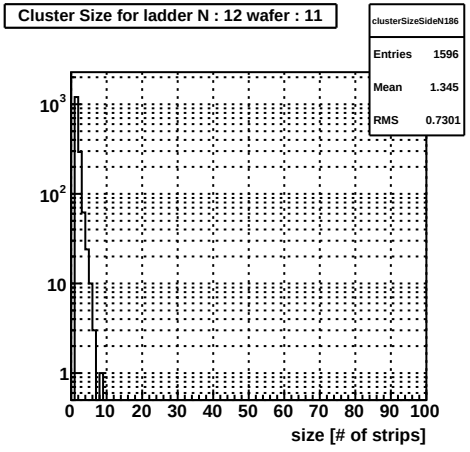

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 3541
Mean 1.189
RMS 0.5523
size [# of strips]

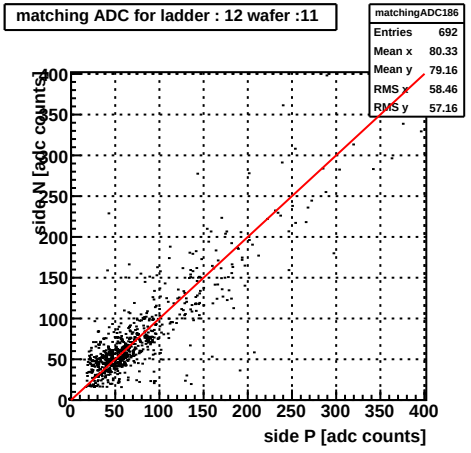

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 760
Mean x 75.11
Mean y 77.51
RMS x 57.85
RMS y 56.26
side N [adc counts]
side P [adc counts]

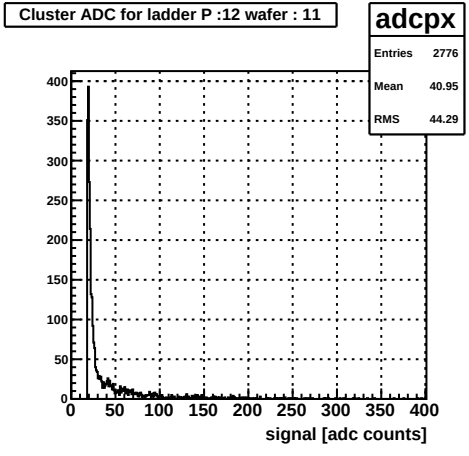

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 1182
Mean 65.13
RMS 59.76
signal [adc counts]

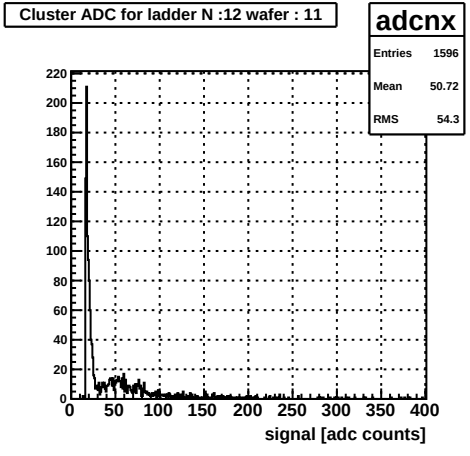

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 3541
Mean 32.4
RMS 42.74
signal [adc counts]

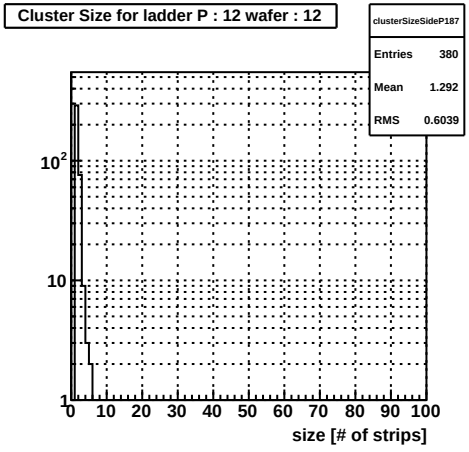

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 2776
Mean 1.189
RMS 0.5349
size [# of strips]

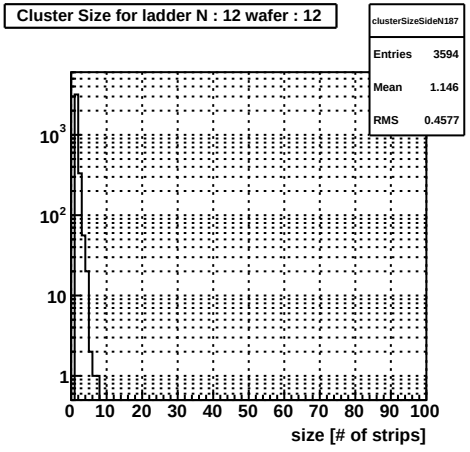

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 1596
Mean 1.345
RMS 0.7301
size [# of strips]

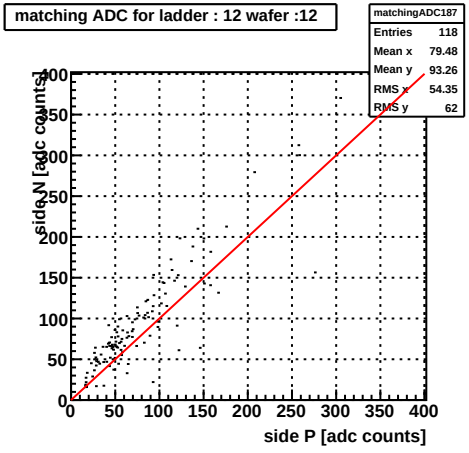

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 692
Mean x 80.33
Mean y 79.16
RMS x 58.46
RMS y 57.16
side N [adc counts]
side P [adc counts]

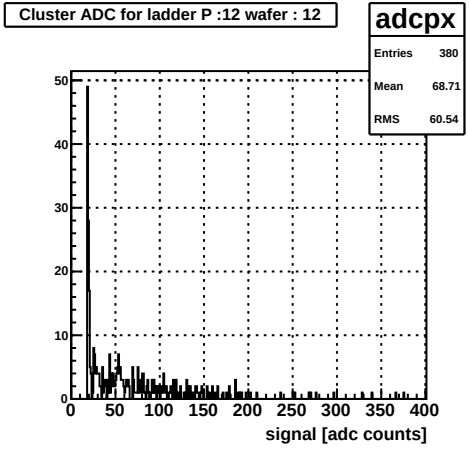

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 2776
Mean 40.95
RMS 44.29
signal [adc counts]

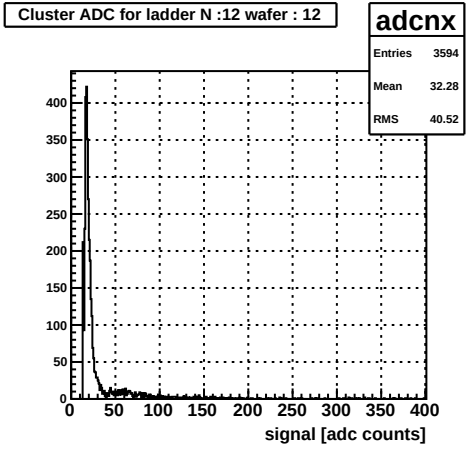

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 1596
Mean 50.72
RMS 54.3
signal [adc counts]

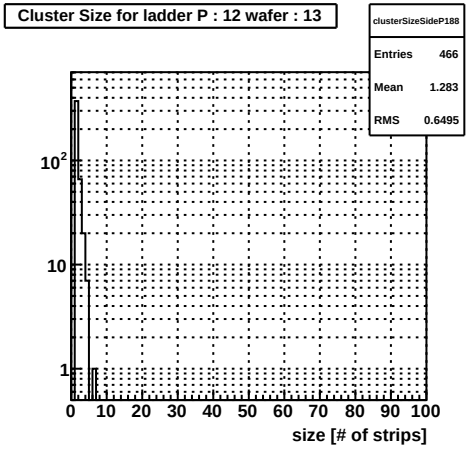

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 380
Mean 1.292
RMS 0.6039
size [# of strips]

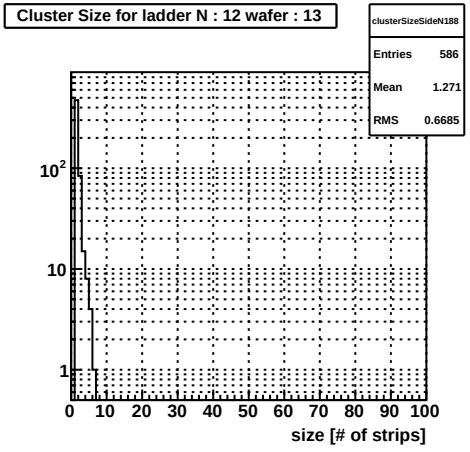

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 3594
Mean 1.146
RMS 0.4577
size [# of strips]

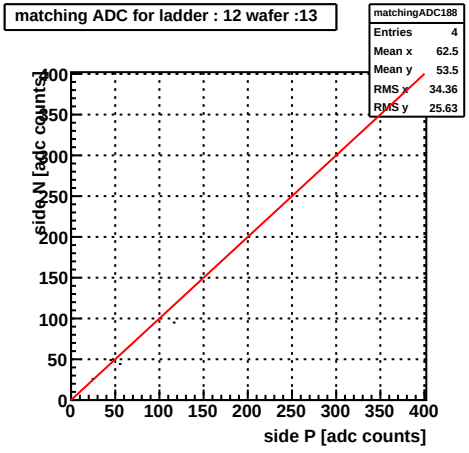

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 118
Mean x 79.48
Mean y 93.26
RMS x 54.35
RMS y 62
side N [adc counts]
side P [adc counts]

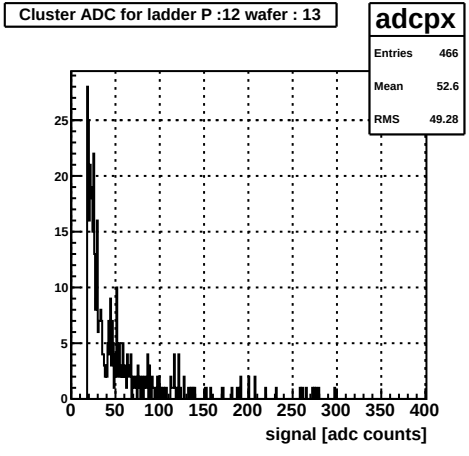

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 380
Mean 68.71
RMS 60.54
signal [adc counts]

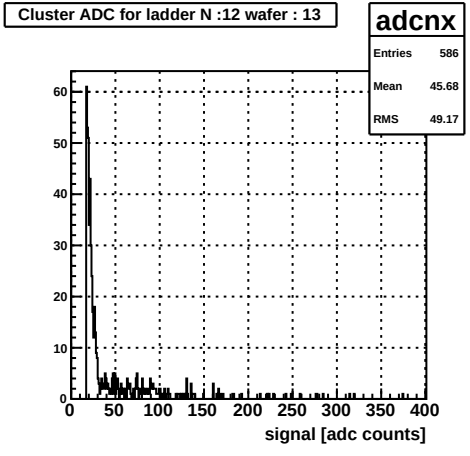

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 3594
Mean 32.28
RMS 40.52
signal [adc counts]

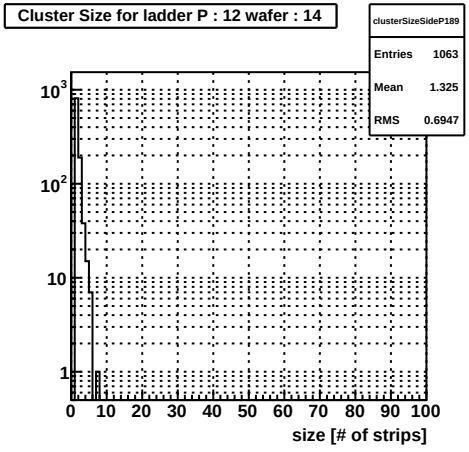

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 466
Mean 1.283
RMS 0.6495
size [# of strips]

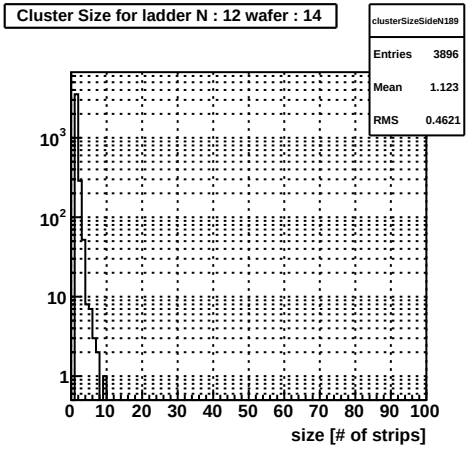

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 586
Mean 1.271
RMS 0.6685
size [# of strips]

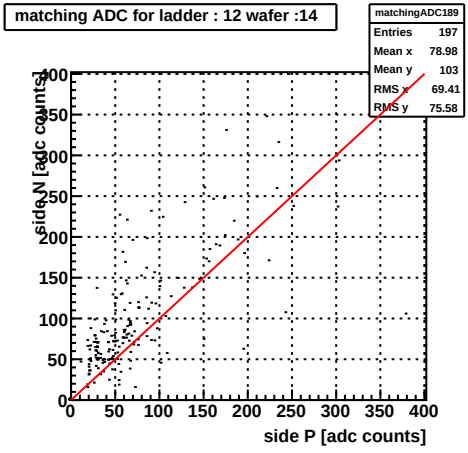

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 4
Mean x 62.5
Mean y 53.5
RMS x 34.36
RMS y 25.63
side N [adc counts]
side P [adc counts]

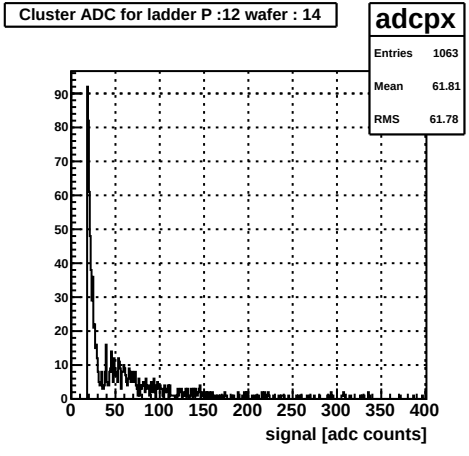

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 466
Mean 52.6
RMS 49.28
signal [adc counts]

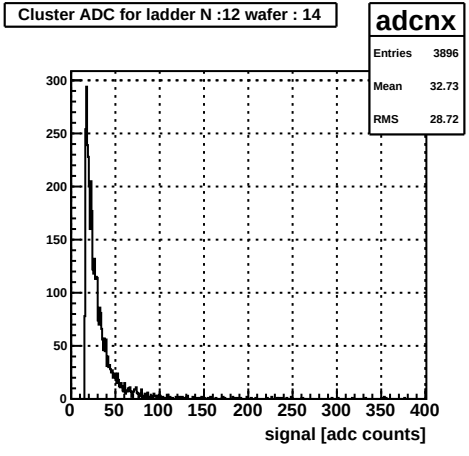

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 586
Mean 45.68
RMS 49.17
signal [adc counts]

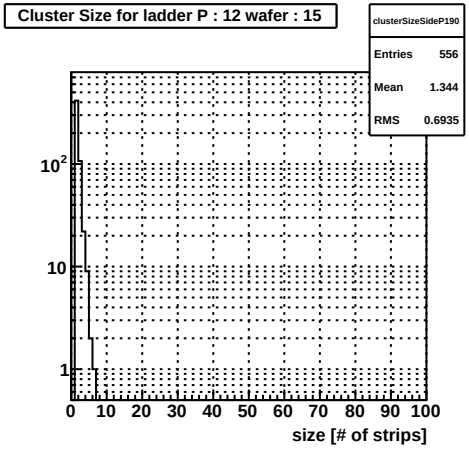

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 1063
Mean 1.325
RMS 0.6947
size [# of strips]

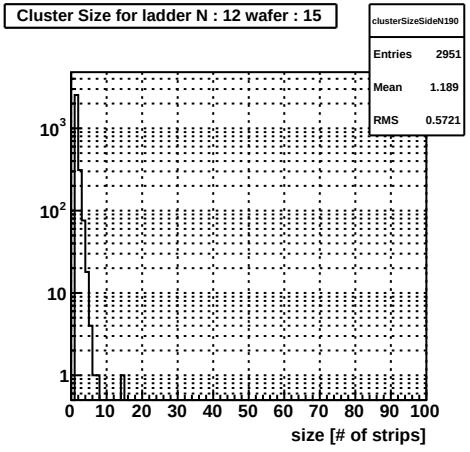

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 3896
Mean 1.123
RMS 0.4621
size [# of strips]

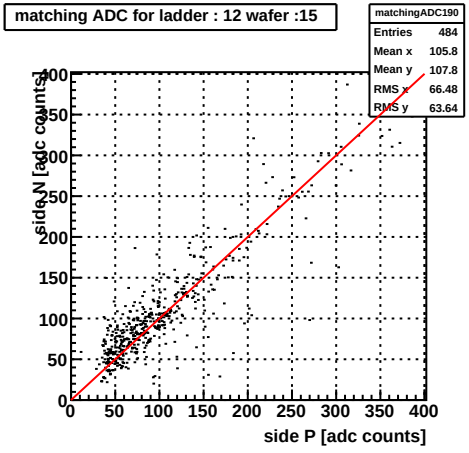

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 197
Mean x 78.98
Mean y 103
RMS x 69.41
RMS y 75.58
side N [adc counts]
side P [adc counts]

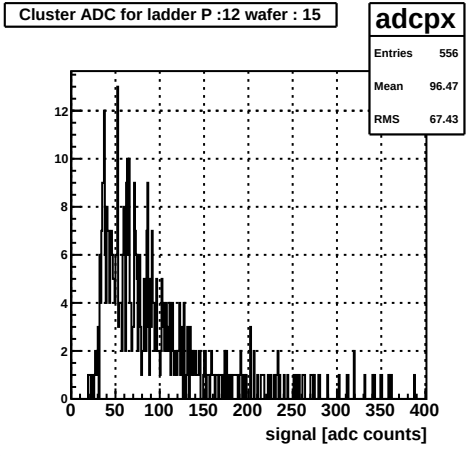

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 1063
Mean 61.81
RMS 61.78
signal [adc counts]

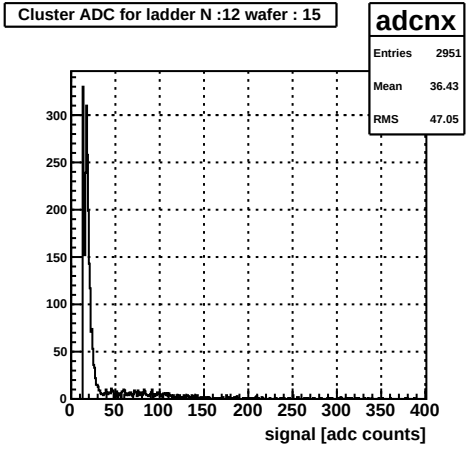

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 3896
Mean 32.73
RMS 28.72
signal [adc counts]

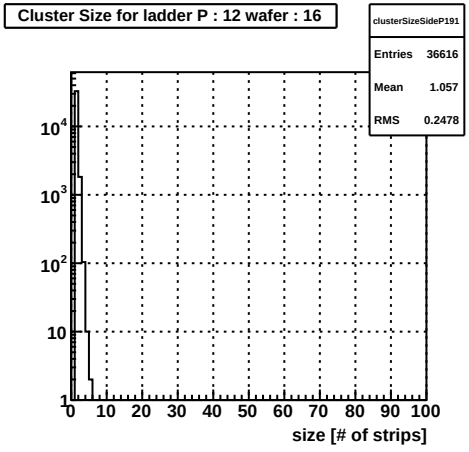

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 556
Mean 1.344
RMS 0.6935
size [# of strips]

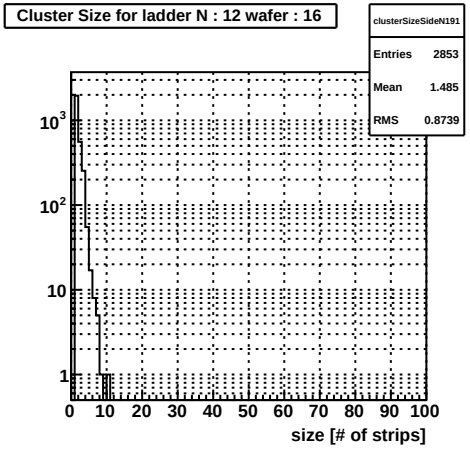

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 2951
Mean 1.189
RMS 0.5721
size [# of strips]

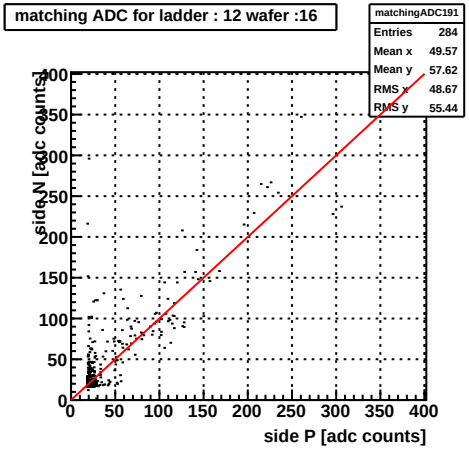

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 484
Mean x 105.8
Mean y 107.8
RMS x 66.48
RMS y 63.64
side N [adc counts]
side P [adc counts]

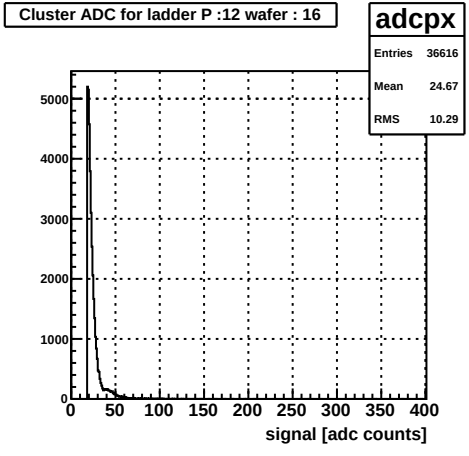

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 556
Mean 96.47
RMS 67.43
signal [adc counts]

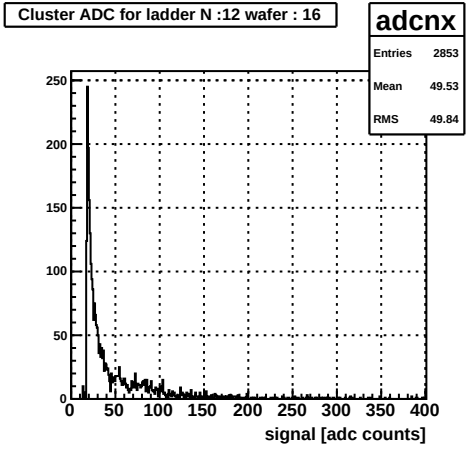

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 2951
Mean 36.43
RMS 47.05
signal [adc counts]

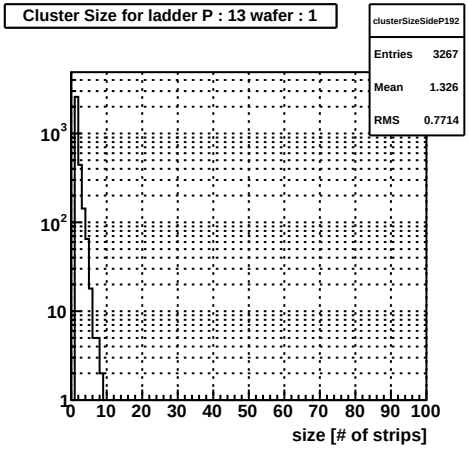

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 36616
Mean 1.057
RMS 0.2478
size [# of strips]

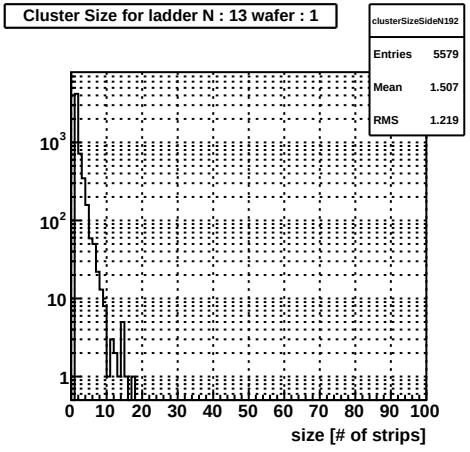

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 2853
Mean 1.485
RMS 0.8739
size [# of strips]

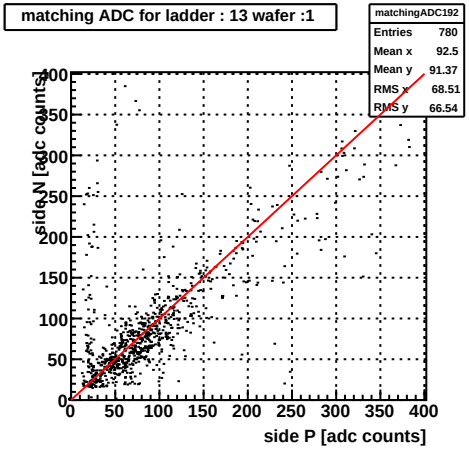

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 284
Mean x 49.57
Mean y 57.62
RMS x 48.67
RMS y 55.44
side N [adc counts]
side P [adc counts]

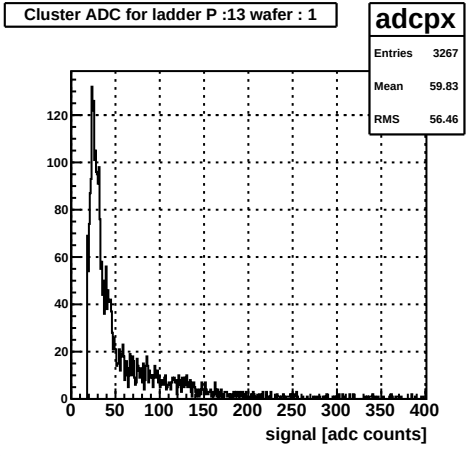

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 36616
Mean 24.67
RMS 10.29
signal [adc counts]

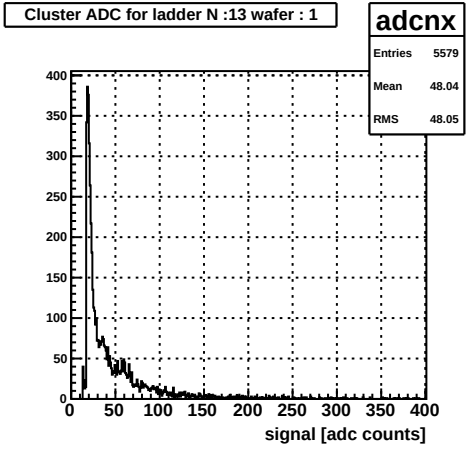

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 2853
Mean 49.53
RMS 49.84
signal [adc counts]

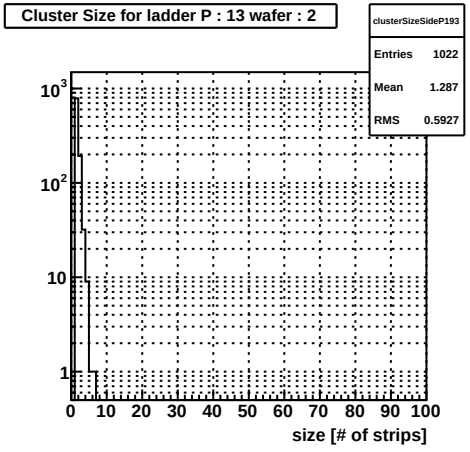

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 3267
Mean 1.326
RMS 0.7714
size [# of strips]

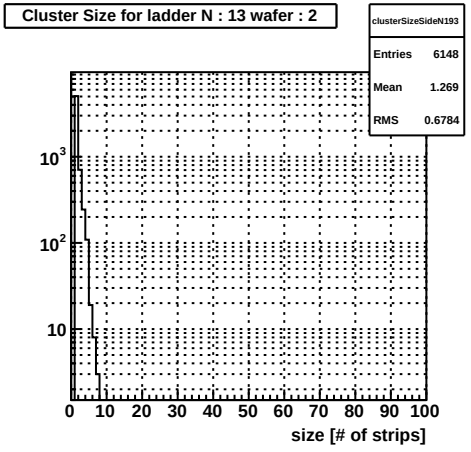

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 5579
Mean 1.507
RMS 1.219
size [# of strips]

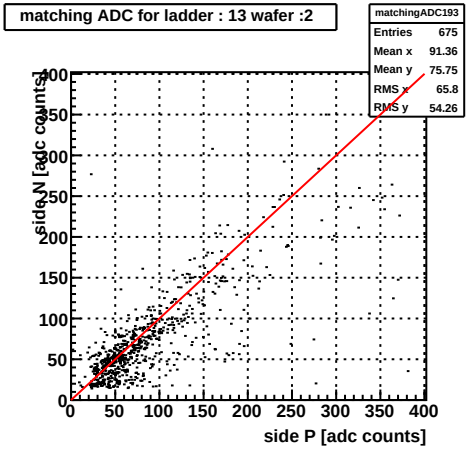

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 780
Mean x 92.5
Mean y 91.37
RMS x 68.51
RMS y 66.54
side N [adc counts]
side P [adc counts]

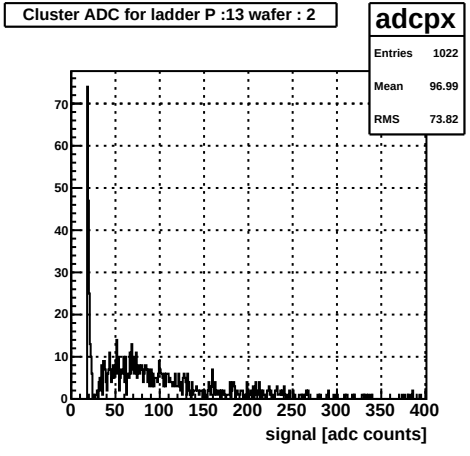

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 3267
Mean 59.83
RMS 56.46
signal [adc counts]

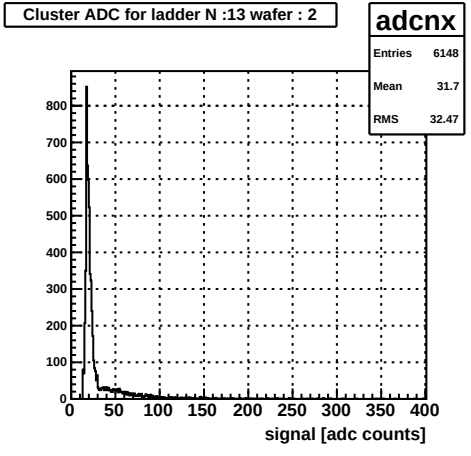

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 5579
Mean 48.04
RMS 48.05
signal [adc counts]

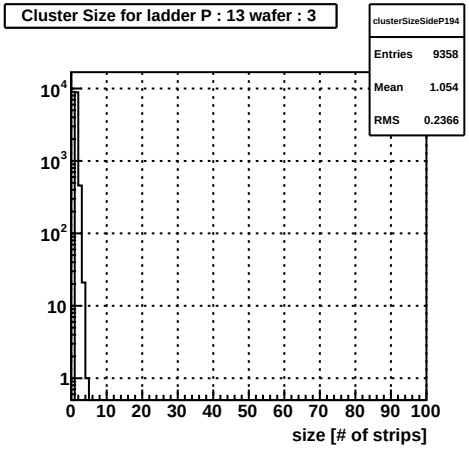

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 1022
Mean 1.287
RMS 0.5927
size [# of strips]

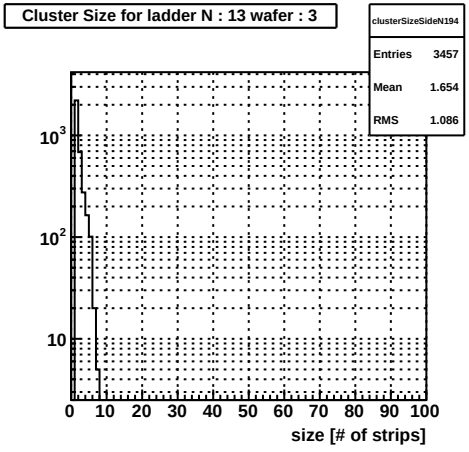

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 6148
Mean 1.269
RMS 0.6784
size [# of strips]

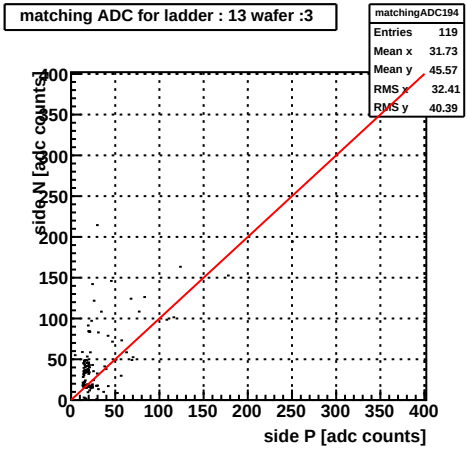

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 675
Mean x 91.36
Mean y 75.75
RMS x 65.8
RMS y 54.26
side N [adc counts]
side P [adc counts]

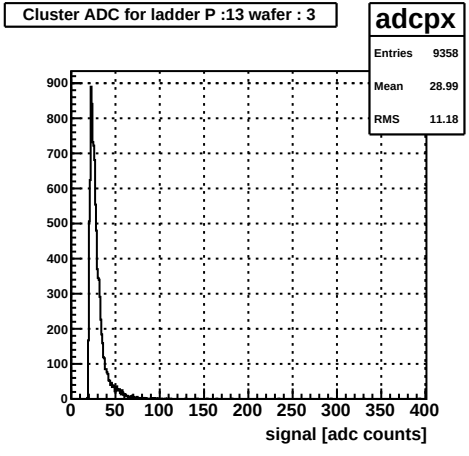

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 1022
Mean 96.99
RMS 73.82
signal [adc counts]

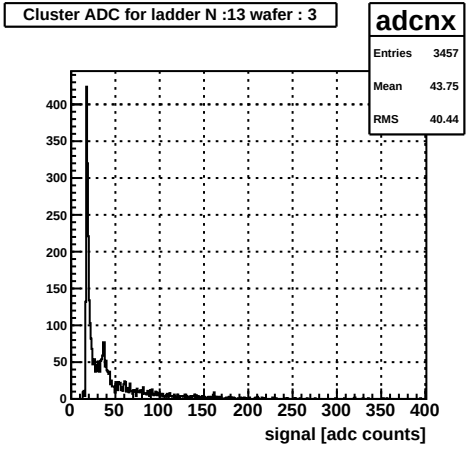

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 6148
Mean 31.7
RMS 32.47
signal [adc counts]

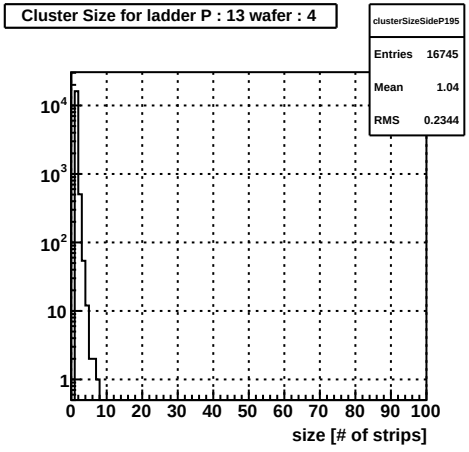

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 9358
Mean 1.054
RMS 0.2366
size [# of strips]

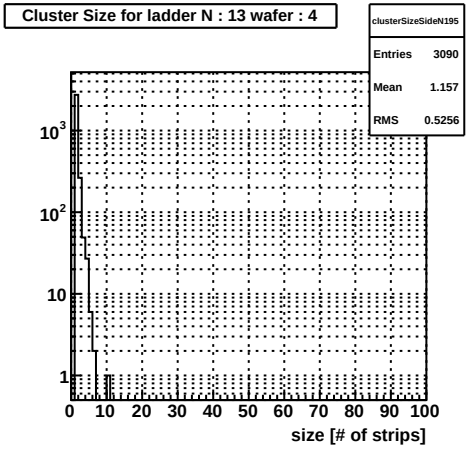

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 3457
Mean 1.654
RMS 1.086
size [# of strips]

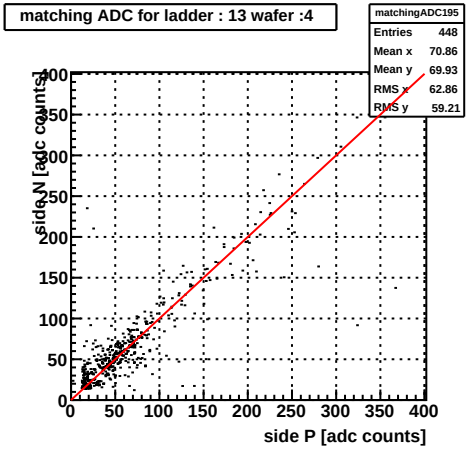

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 119
Mean x 31.73
Mean y 45.57
RMS x 32.41
RMS y 40.39
side N [adc counts]
side P [adc counts]

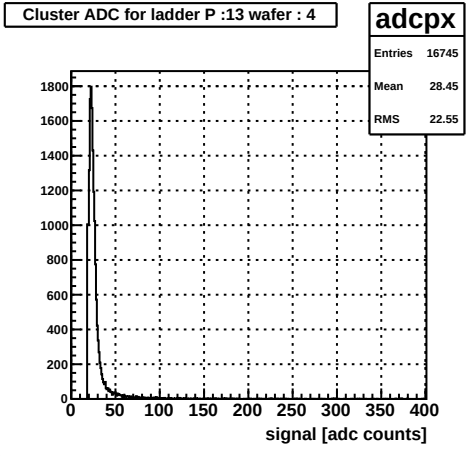

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 9358
Mean 28.99
RMS 11.18
signal [adc counts]

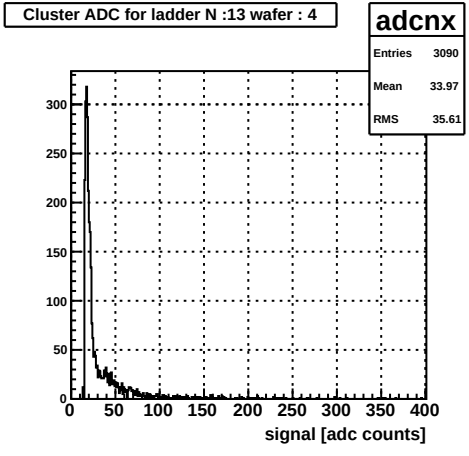

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 3457
Mean 43.75
RMS 40.44
signal [adc counts]

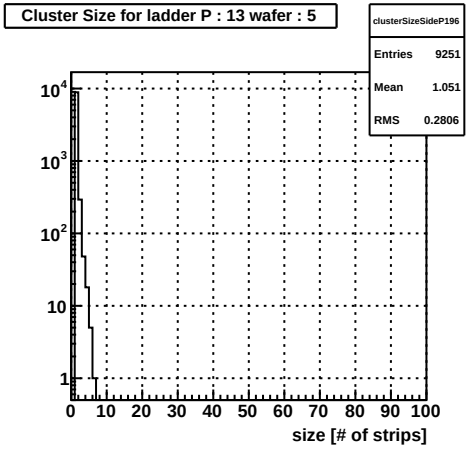

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 16745
Mean 1.04
RMS 0.2344
size [# of strips]

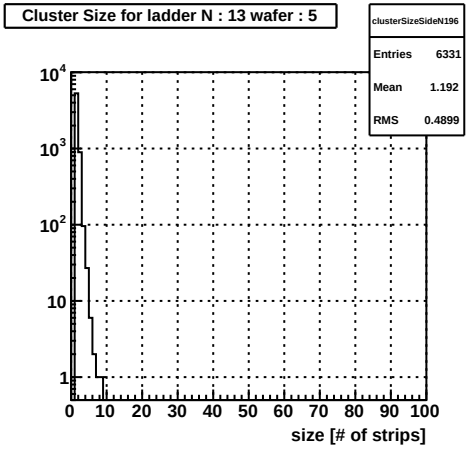

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 3090
Mean 1.157
RMS 0.5256
size [# of strips]

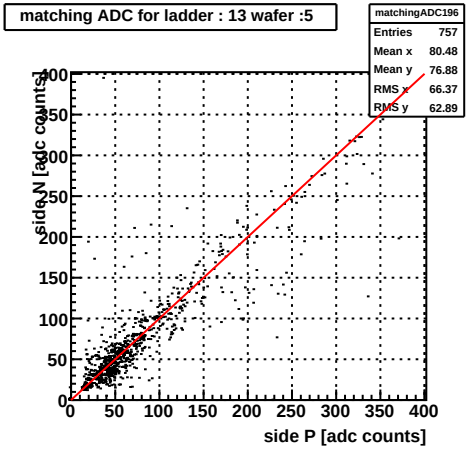

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 448
Mean x 70.86
Mean y 69.93
RMS x 62.86
RMS y 59.21
side N [adc counts]
side P [adc counts]

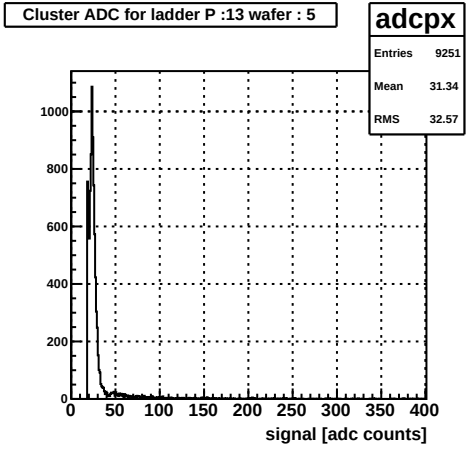

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 16745
Mean 28.45
RMS 22.55
signal [adc counts]

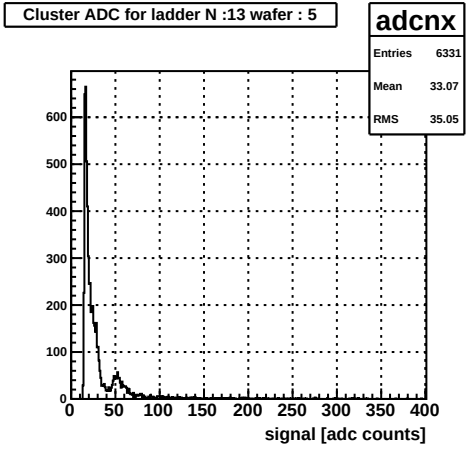

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 3090
Mean 33.97
RMS 35.61
signal [adc counts]

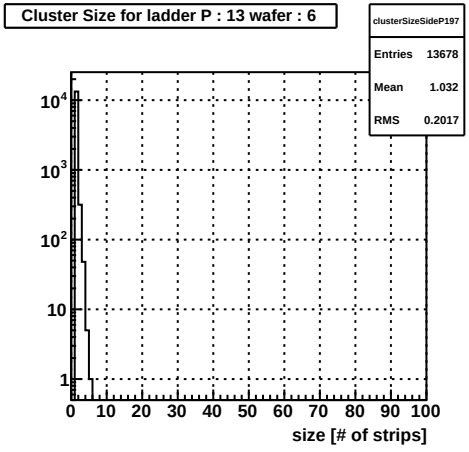

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 9251
Mean 1.051
RMS 0.2806
size [# of strips]

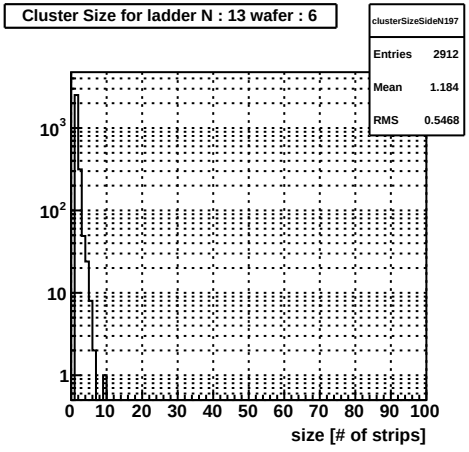

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 6331
Mean 1.192
RMS 0.4899
size [# of strips]

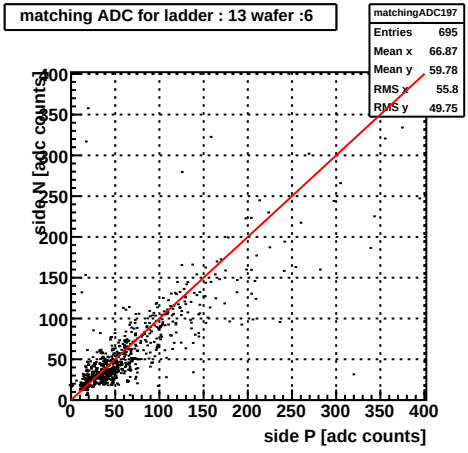

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 757
Mean x 80.48
Mean y 76.88
RMS x 66.37
RMS y 62.89
side N [adc counts]
side P [adc counts]

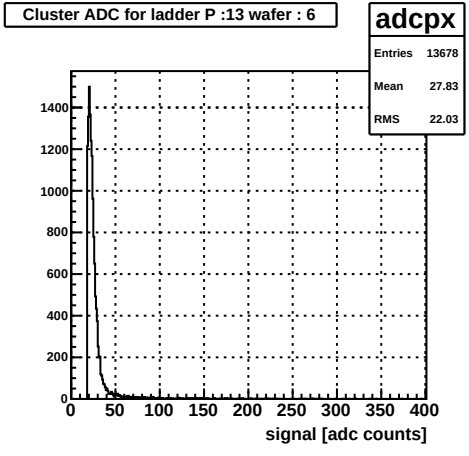

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 9251
Mean 31.34
RMS 32.57
signal [adc counts]

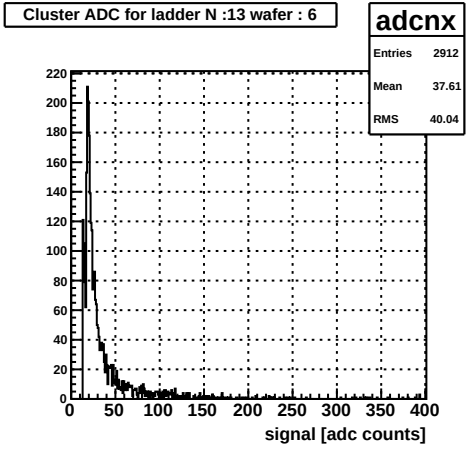

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 6331
Mean 33.07
RMS 35.05
signal [adc counts]

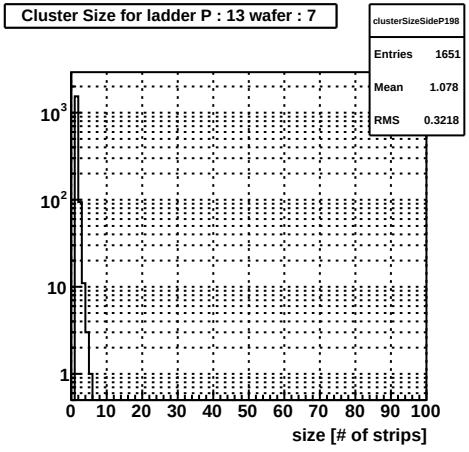

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 13678
Mean 1.032
RMS 0.2017
size [# of strips]

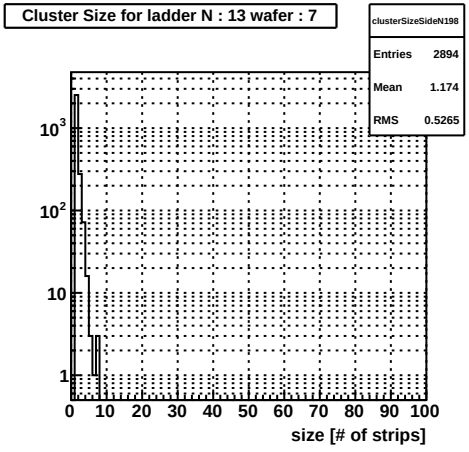

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 2912
Mean 1.184
RMS 0.5468
size [# of strips]

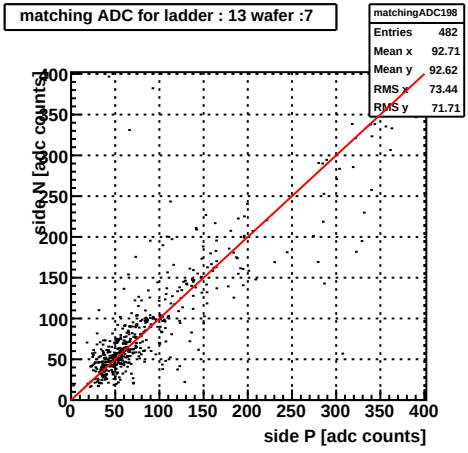

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 695
Mean x 66.87
Mean y 59.78
RMS x 55.8
RMS y 49.75
side N [adc counts]
side P [adc counts]

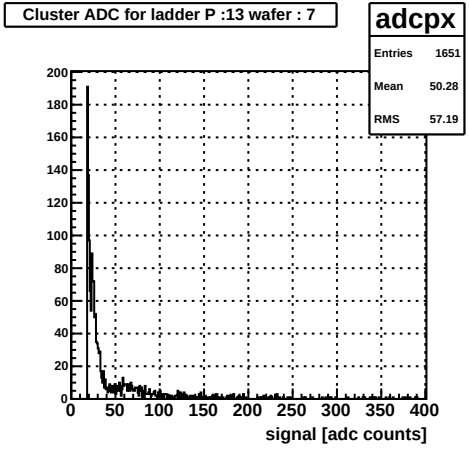

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 13678
Mean 27.83
RMS 22.03
signal [adc counts]

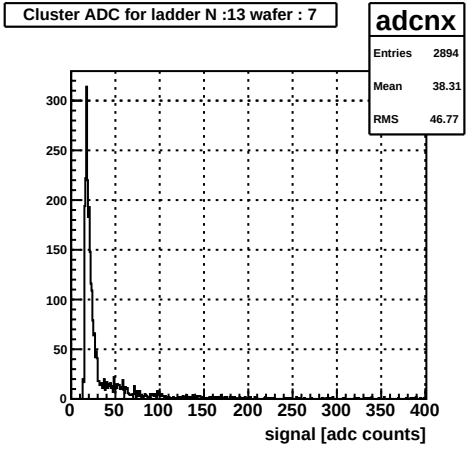

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 2912
Mean 37.61
RMS 40.04
signal [adc counts]

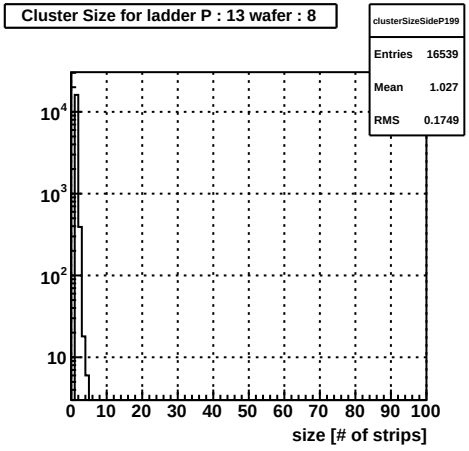

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 1651
Mean 1.078
RMS 0.3218
size [# of strips]

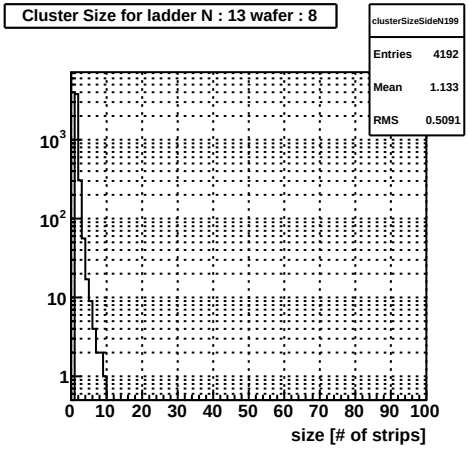

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 2894
Mean 1.174
RMS 0.5265
size [# of strips]

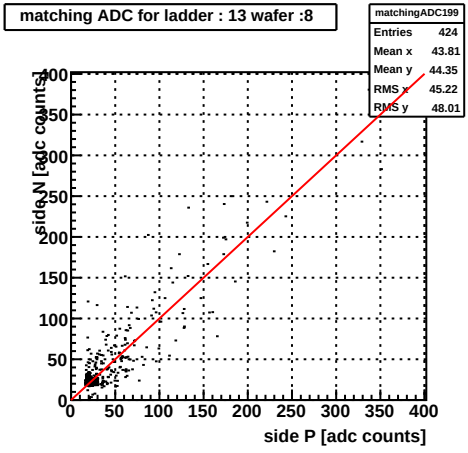

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 482
Mean x 92.71
Mean y 92.62
RMS x 73.44
RMS y 71.71
side N [adc counts]
side P [adc counts]

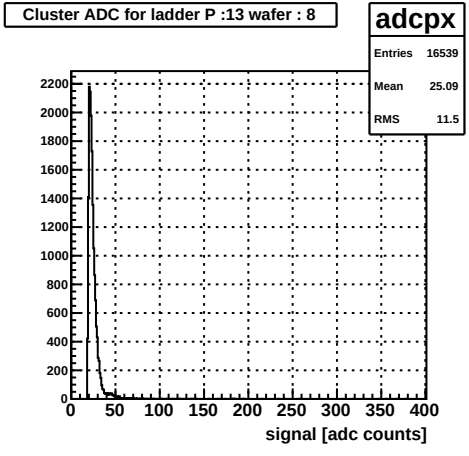

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 1651
Mean 50.28
RMS 57.19
signal [adc counts]

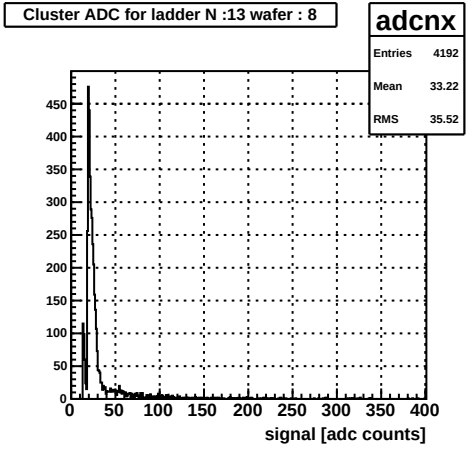

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 2894
Mean 38.31
RMS 46.77
signal [adc counts]

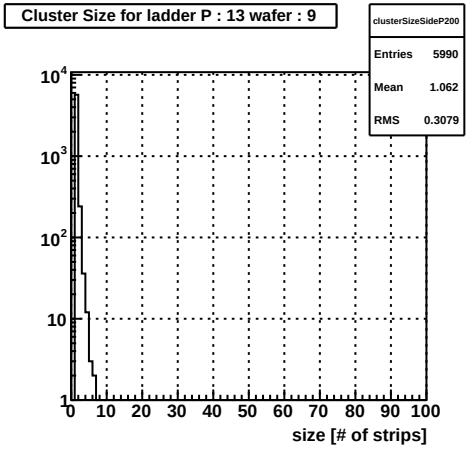

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 16539
Mean 1.027
RMS 0.1749
size [# of strips]

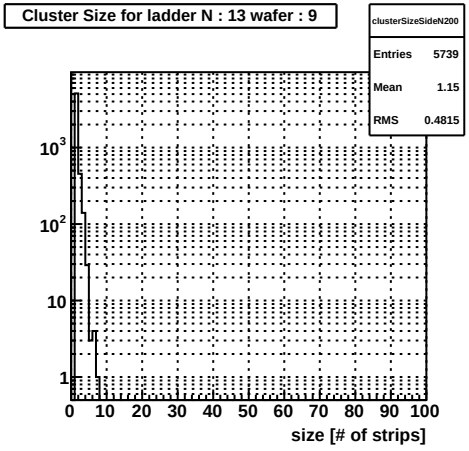

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 4192
Mean 1.133
RMS 0.5091
size [# of strips]

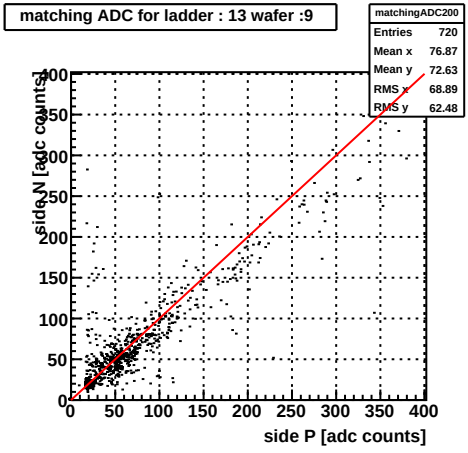

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 424
Mean x 43.81
Mean y 44.35
RMS x 45.22
RMS y 48.01
side N [adc counts]
side P [adc counts]

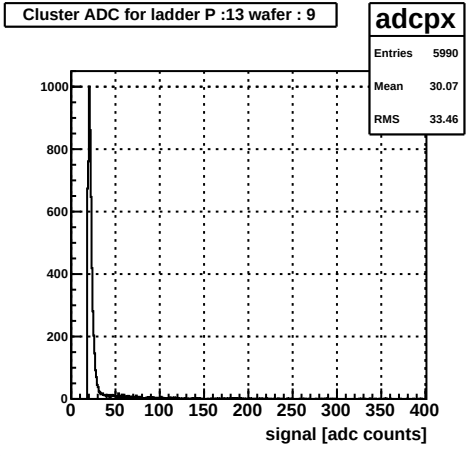

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 16539
Mean 25.09
RMS 11.5
signal [adc counts]

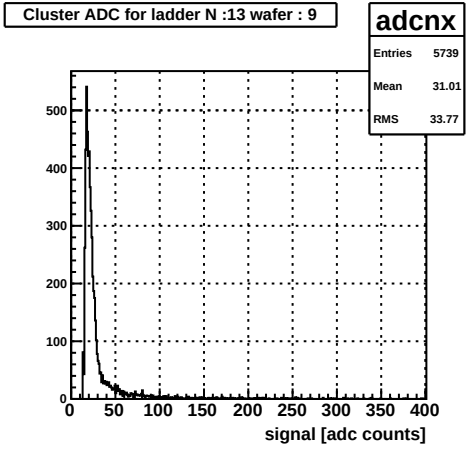

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 4192
Mean 33.22
RMS 35.52
signal [adc counts]

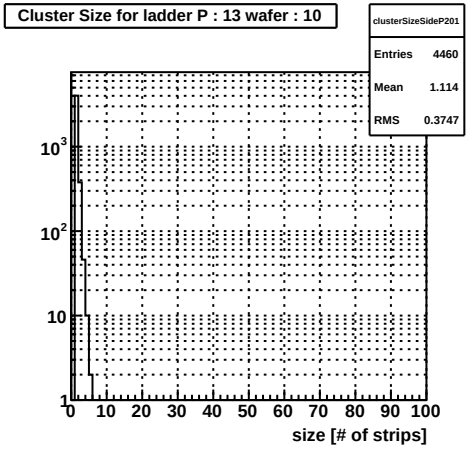

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 5990
Mean 1.062
RMS 0.3079
size [# of strips]

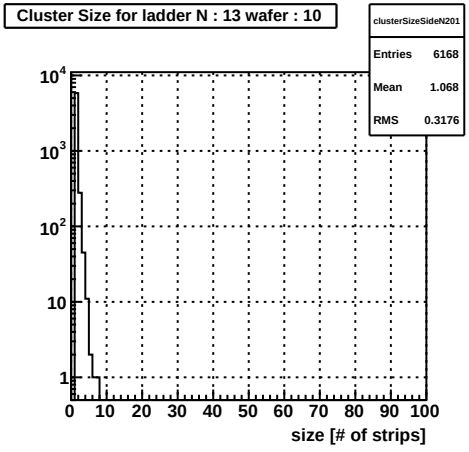

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 5739
Mean 1.15
RMS 0.4815
size [# of strips]

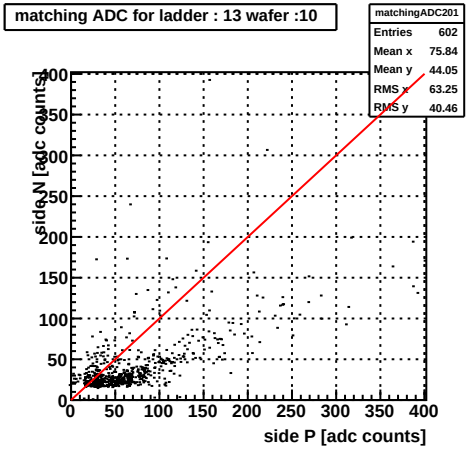

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 720
Mean x 76.87
Mean y 72.63
RMS x 68.89
RMS y 62.48
side N [adc counts]
side P [adc counts]

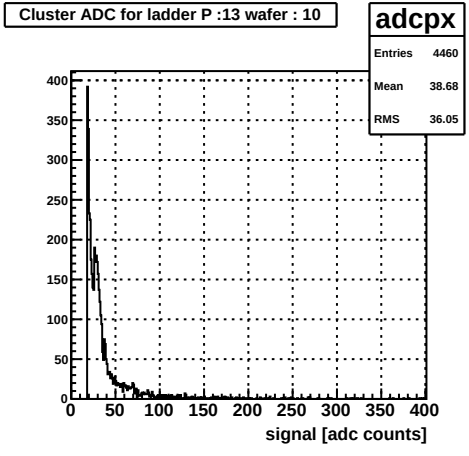

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 5990
Mean 30.07
RMS 33.46
signal [adc counts]

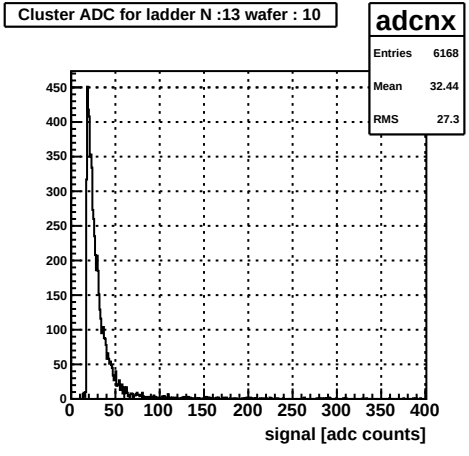

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 5739
Mean 31.01
RMS 33.77
signal [adc counts]

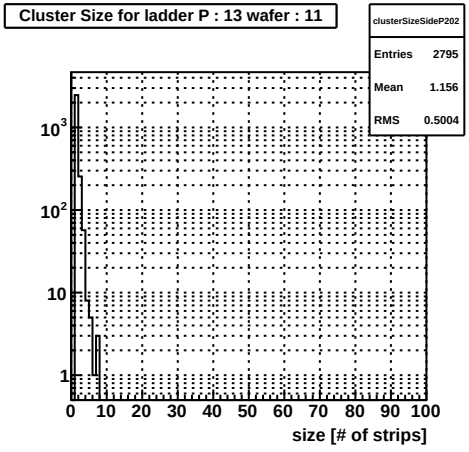

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 4460
Mean 1.114
RMS 0.3747
size [# of strips]

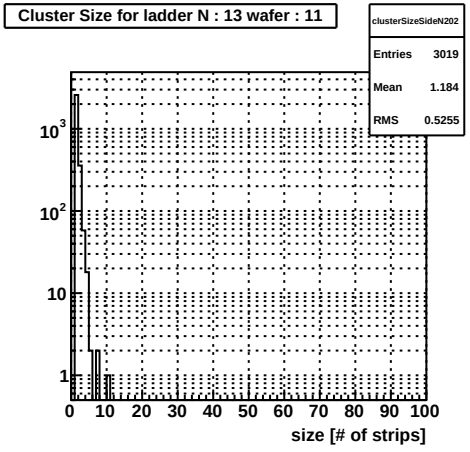

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 6168
Mean 1.068
RMS 0.3176
size [# of strips]

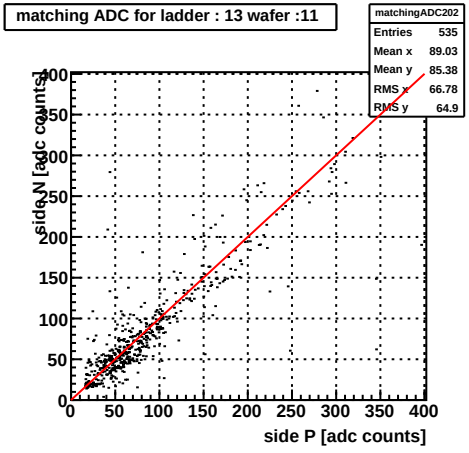

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 602
Mean x 75.84
Mean y 44.05
RMS x 63.25
RMS y 40.46
side N [adc counts]
side P [adc counts]

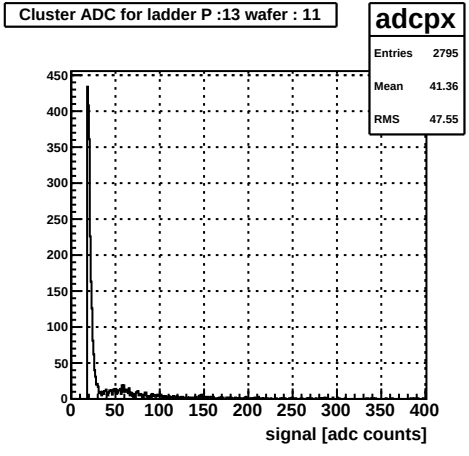

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 4460
Mean 38.68
RMS 36.05
signal [adc counts]

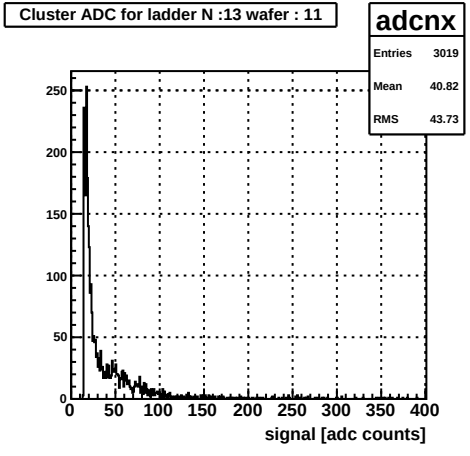

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 6168
Mean 32.44
RMS 27.3
signal [adc counts]

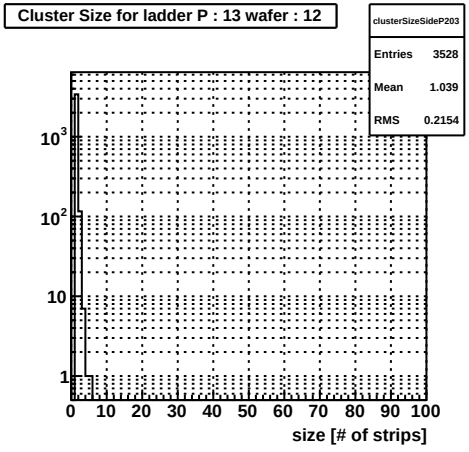

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 2795
Mean 1.156
RMS 0.5004
size [# of strips]

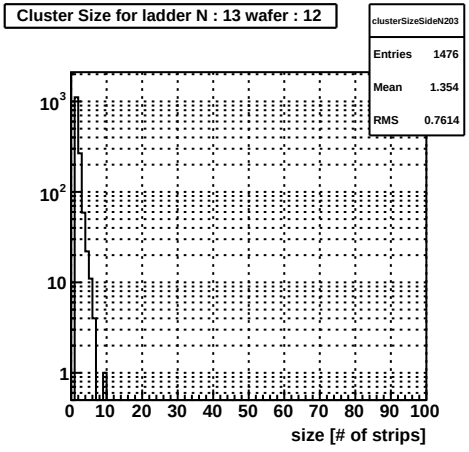

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 3019
Mean 1.184
RMS 0.5255
size [# of strips]

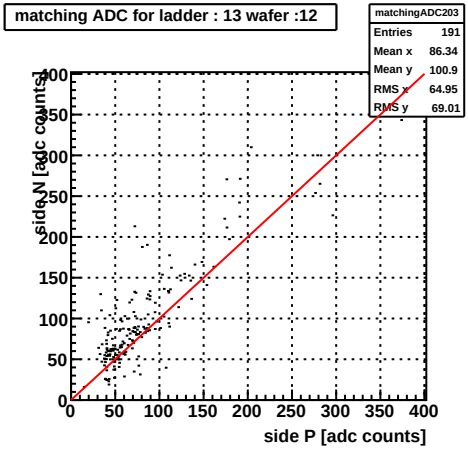

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 535
Mean x 89.03
Mean y 85.38
RMS x 66.78
RMS y 64.9
side N [adc counts]
side P [adc counts]

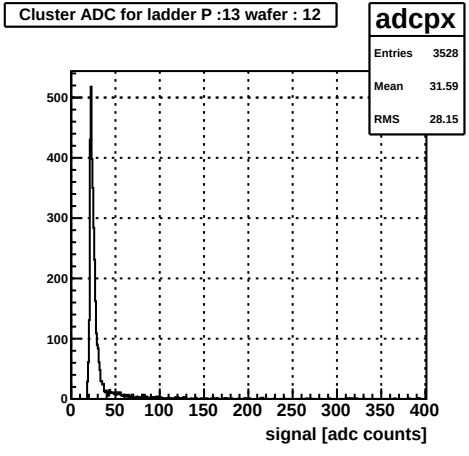

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 2795
Mean 41.36
RMS 47.55
signal [adc counts]

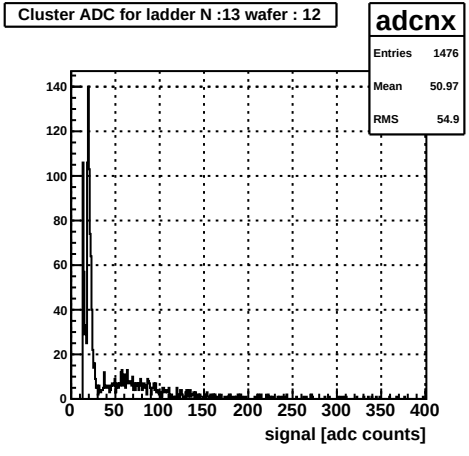

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 3019
Mean 40.82
RMS 43.73
signal [adc counts]

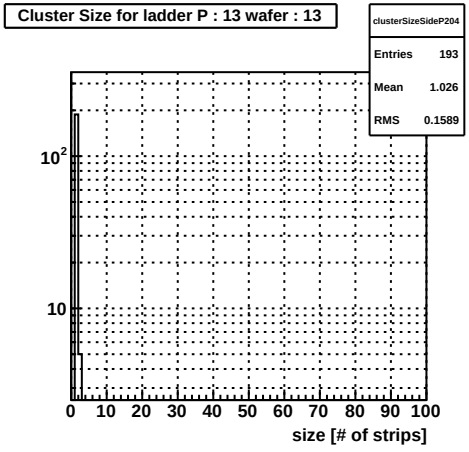

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 3528
Mean 1.039
RMS 0.2154
size [# of strips]

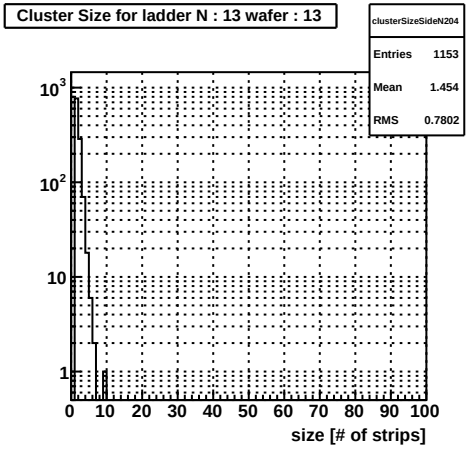

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 1476
Mean 1.354
RMS 0.7614
size [# of strips]

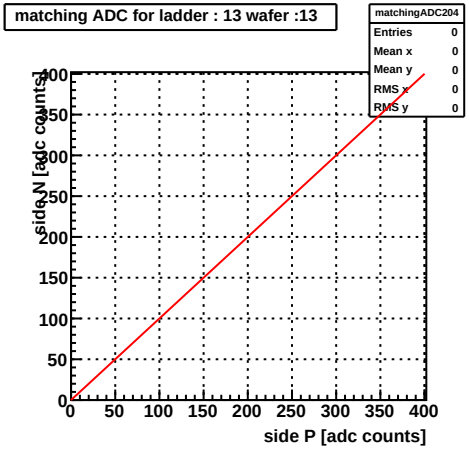

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 191
Mean x 86.34
Mean y 100.9
RMS x 64.95
RMS y 69.01
side N [adc counts]
side P [adc counts]

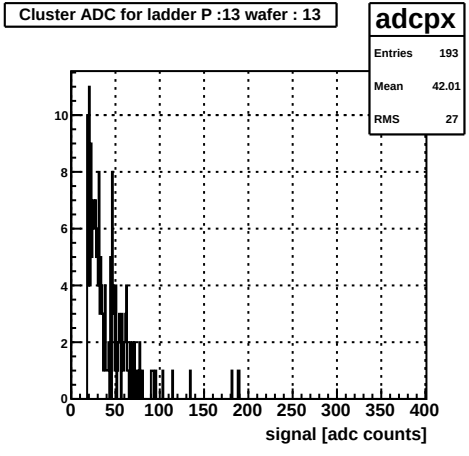

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 3528
Mean 31.59
RMS 28.15
signal [adc counts]

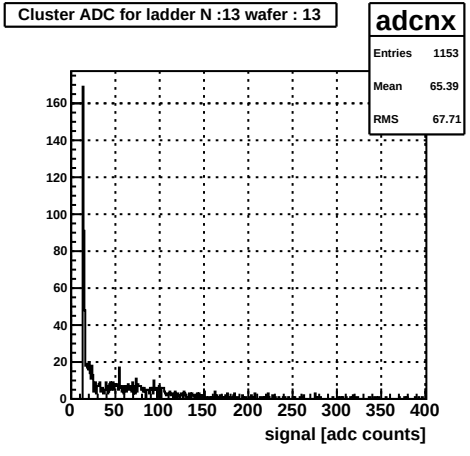

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 1476
Mean 50.97
RMS 54.9
signal [adc counts]

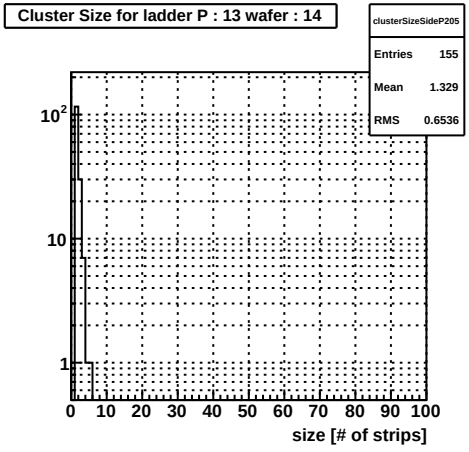

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 193
Mean 1.026
RMS 0.1589
size [# of strips]

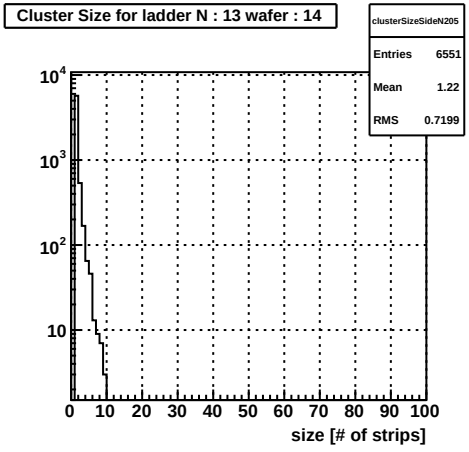

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 1153
Mean 1.454
RMS 0.7802
size [# of strips]

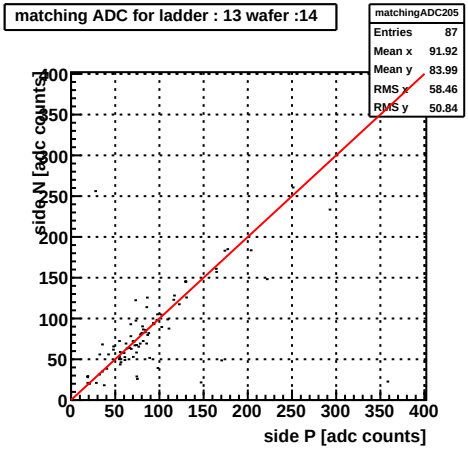

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

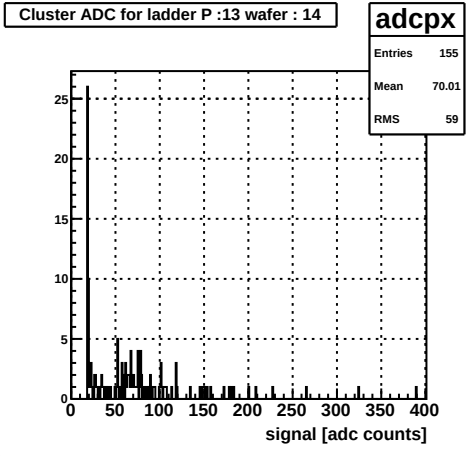

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 193
Mean 42.01
RMS 27
signal [adc counts]

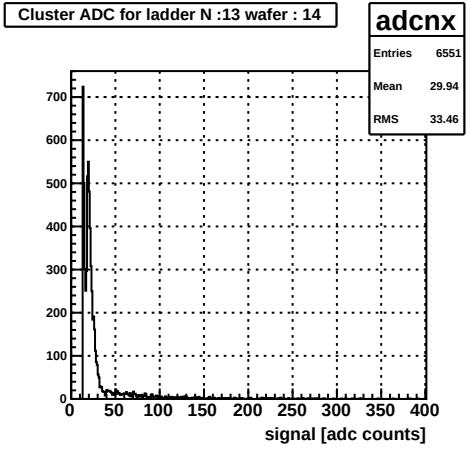

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 1153
Mean 65.39
RMS 67.71
signal [adc counts]

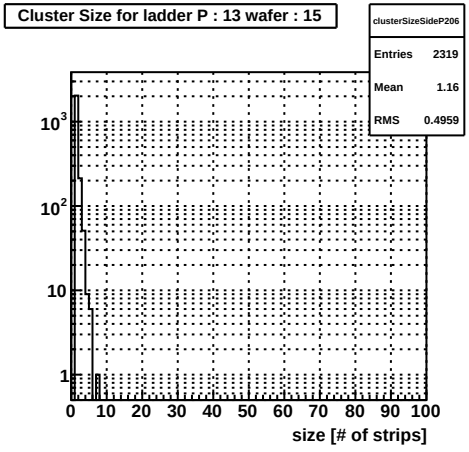

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 155
Mean 1.329
RMS 0.6536
size [# of strips]

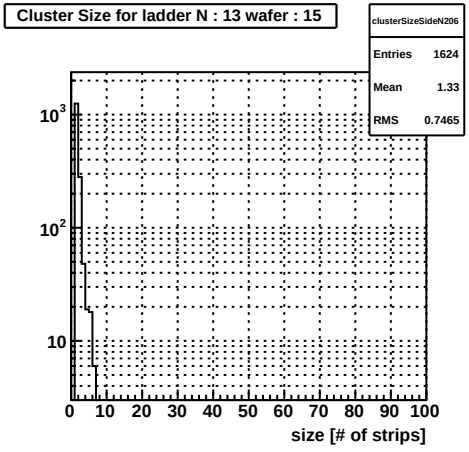

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 6551
Mean 1.22
RMS 0.7199
size [# of strips]

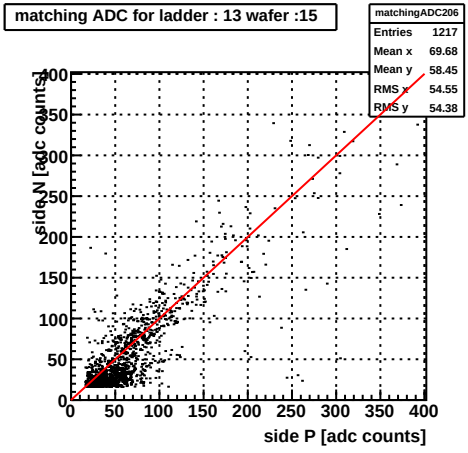

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 87
Mean x 91.92
Mean y 83.99
RMS x 58.46
RMS y 50.84
side N [adc counts]
side P [adc counts]

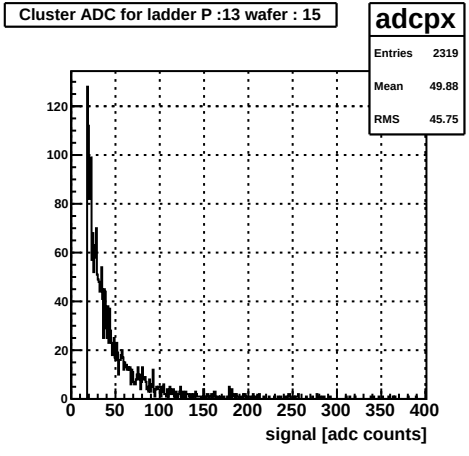

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 155
Mean 70.01
RMS 59
signal [adc counts]

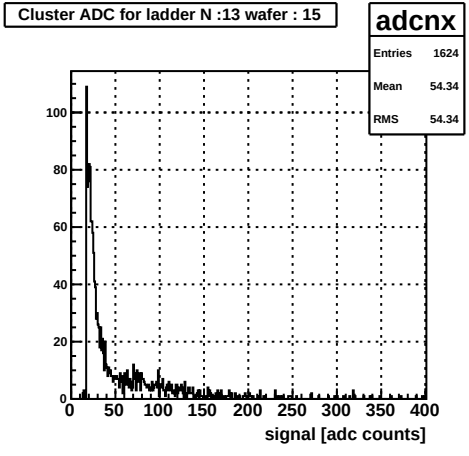

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 6551
Mean 29.94
RMS 33.46
signal [adc counts]

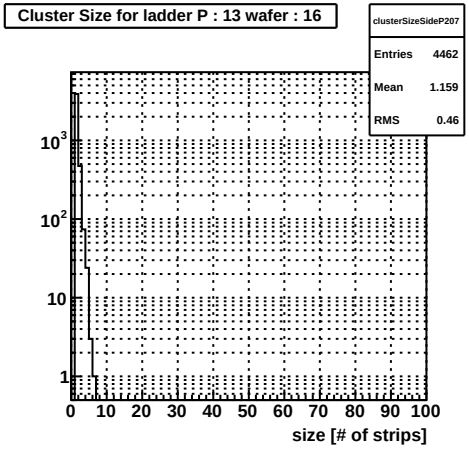

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 2319
Mean 1.16
RMS 0.4959
size [# of strips]

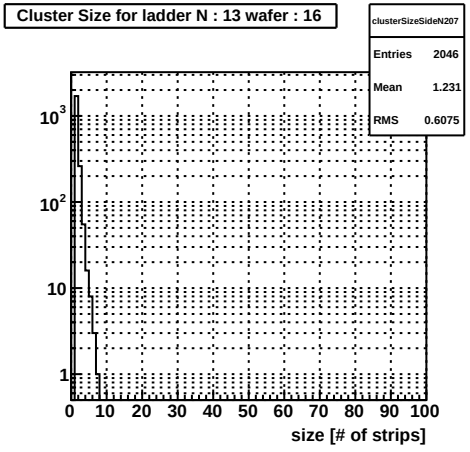

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 1624
Mean 1.33
RMS 0.7465
size [# of strips]

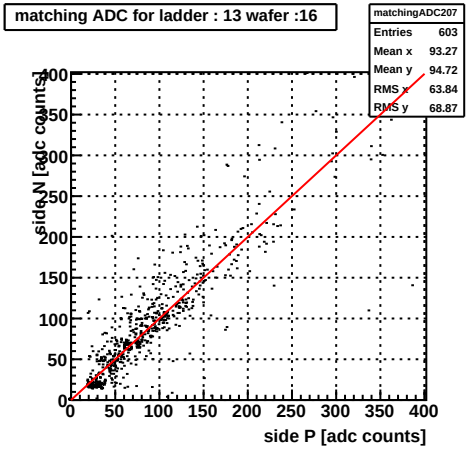

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 1217
Mean x 69.68
Mean y 58.45
RMS x 54.55
RMS y 54.38
side N [adc counts]
side P [adc counts]

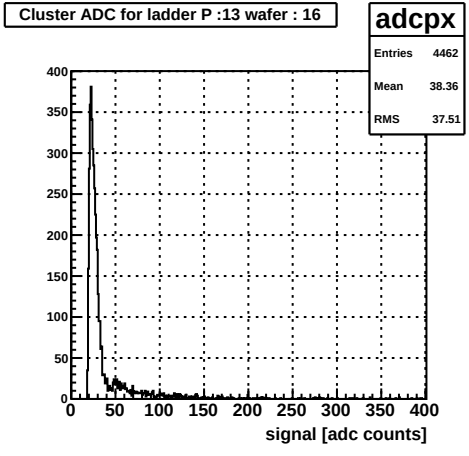

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 2319
Mean 49.88
RMS 45.75
signal [adc counts]

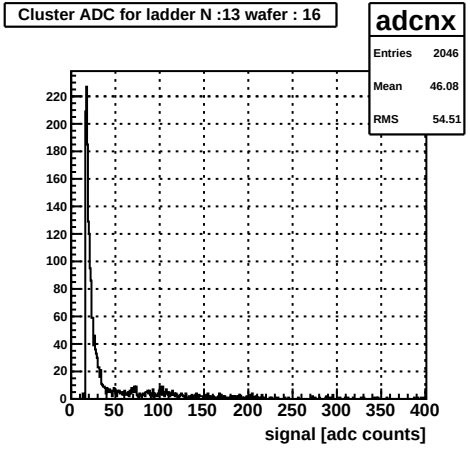

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 1624
Mean 54.34
RMS 54.34
signal [adc counts]

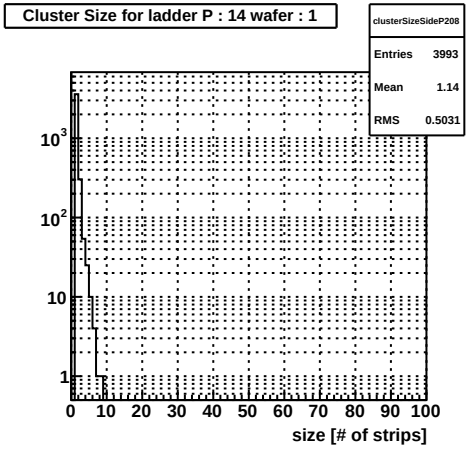

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 4462
Mean 1.159
RMS 0.46
size [# of strips]

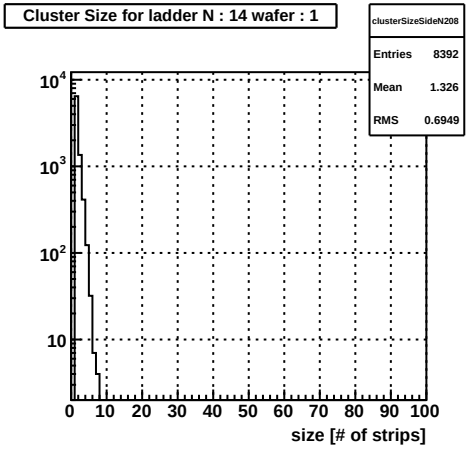

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 2046
Mean 1.231
RMS 0.6075
size [# of strips]

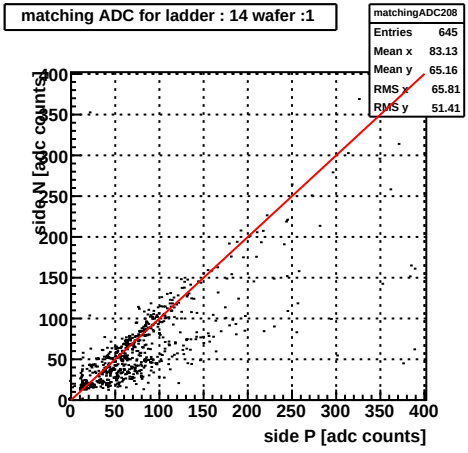

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 603
Mean x 93.27
Mean y 94.72
RMS x 63.84
RMS y 68.87
side N [adc counts]
side P [adc counts]

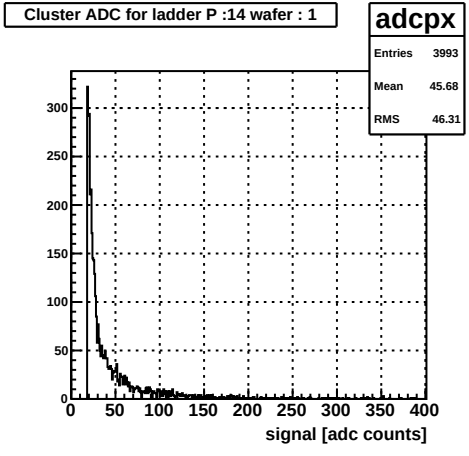

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 4462
Mean 38.36
RMS 37.51
signal [adc counts]

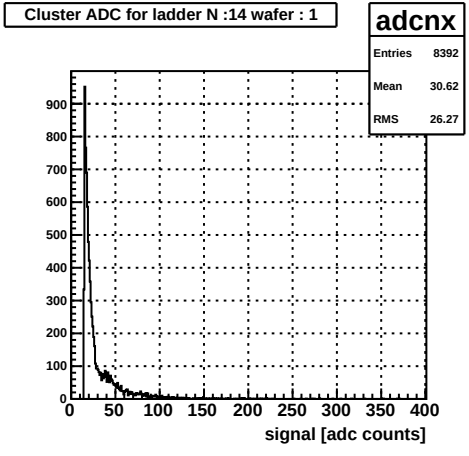

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 2046
Mean 46.08
RMS 54.51
signal [adc counts]

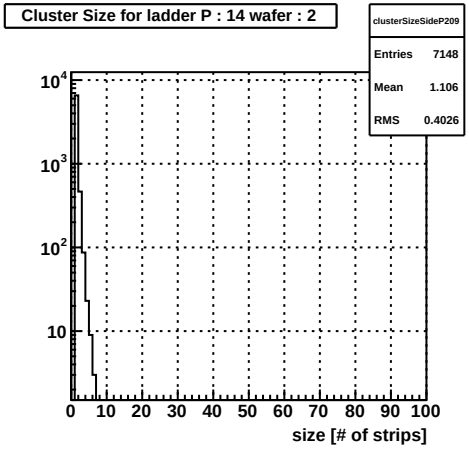

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 3993
Mean 1.14
RMS 0.5031
size [# of strips]

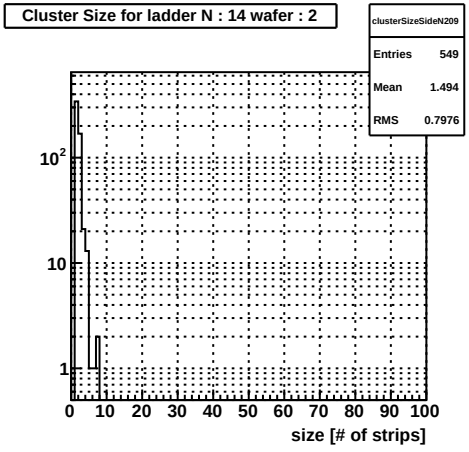

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 8392
Mean 1.326
RMS 0.6949
size [# of strips]

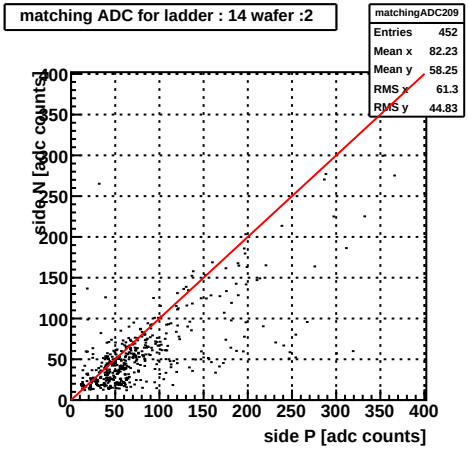

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 645
Mean x 83.13
Mean y 65.16
RMS x 65.81
RMS y 51.41
side N [adc counts]
side P [adc counts]

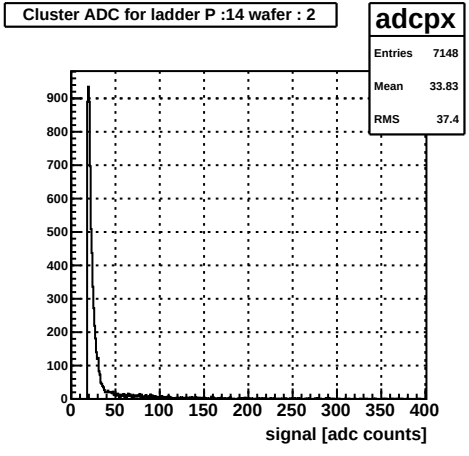

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 3993
Mean 45.68
RMS 46.31
signal [adc counts]

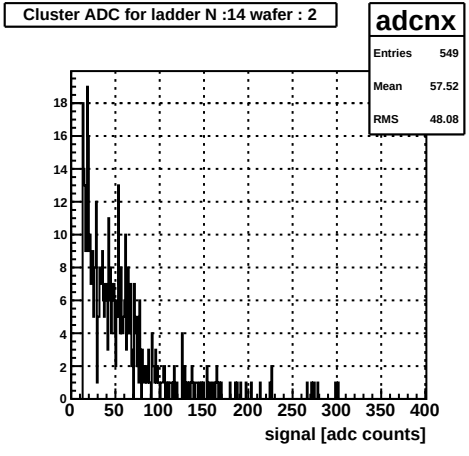

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 8392
Mean 30.62
RMS 26.27
signal [adc counts]

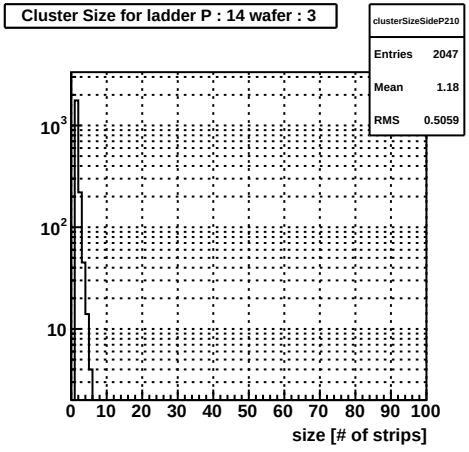

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 7148
Mean 1.106
RMS 0.4026
size [# of strips]

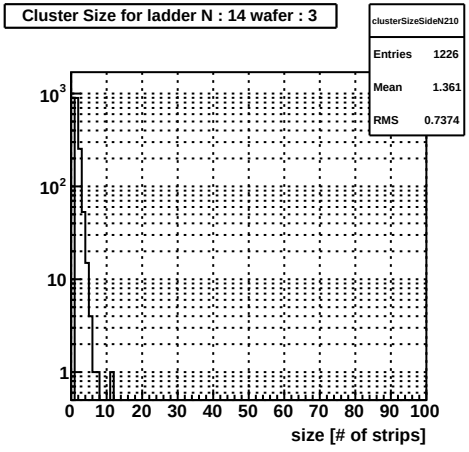

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 549
Mean 1.494
RMS 0.7976
size [# of strips]

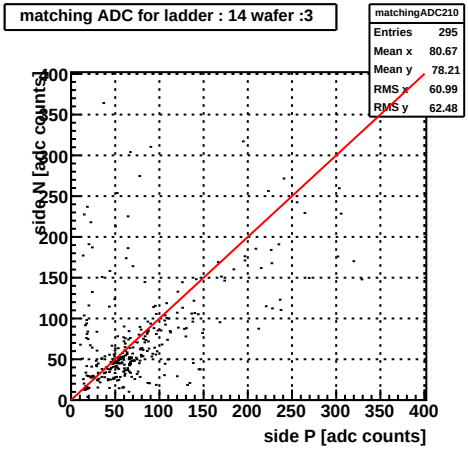

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 452
Mean x 82.23
Mean y 58.25
RMS x 61.3
RMS y 44.83
side N [adc counts]
side P [adc counts]

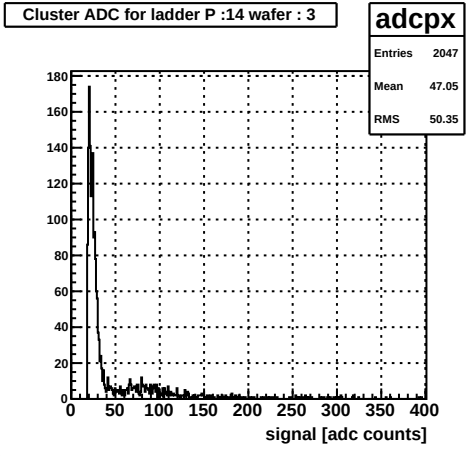

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 7148
Mean 33.83
RMS 37.4
signal [adc counts]

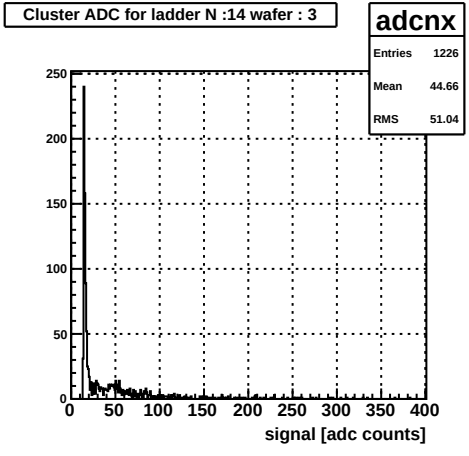

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 549
Mean 57.52
RMS 48.08
signal [adc counts]

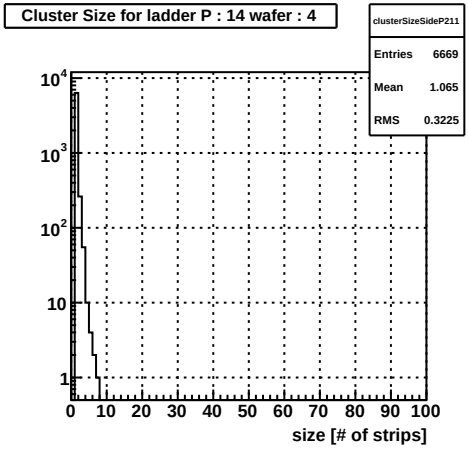

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 2047
Mean 1.18
RMS 0.5059
size [# of strips]

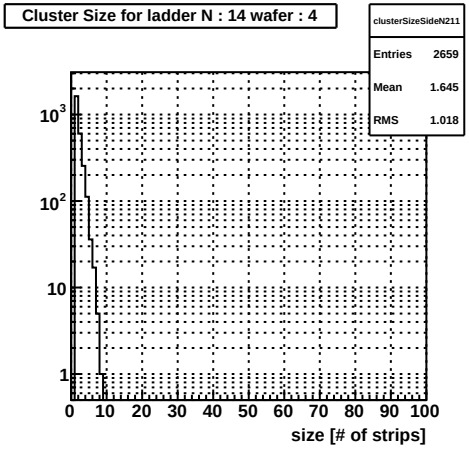

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 1226
Mean 1.361
RMS 0.7374
size [# of strips]

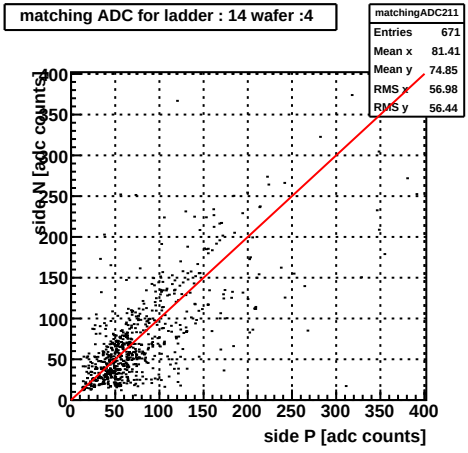

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 295
Mean x 80.67
Mean y 78.21
RMS x 60.99
RMS y 62.48
side N [adc counts]
side P [adc counts]

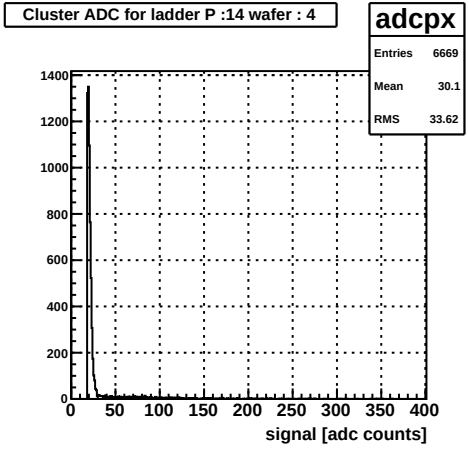

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 2047
Mean 47.05
RMS 50.35
signal [adc counts]

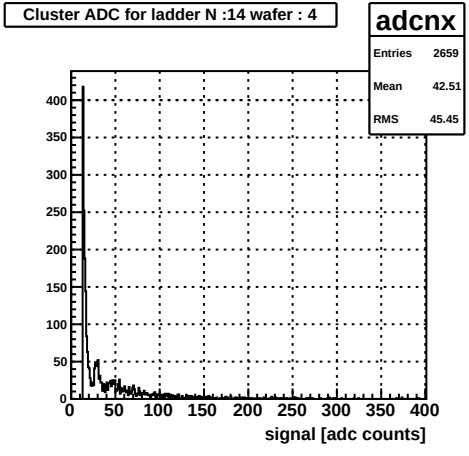

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 1226
Mean 44.66
RMS 51.04
signal [adc counts]

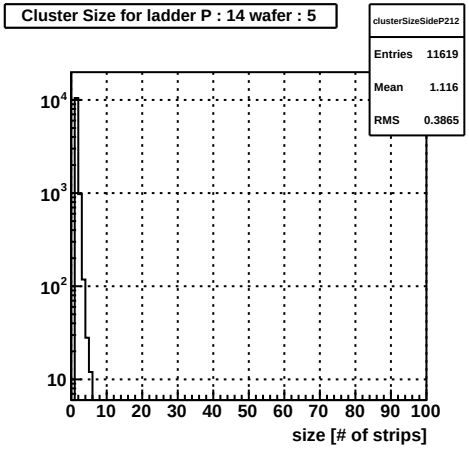

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 6669
Mean 1.065
RMS 0.3225
size [# of strips]

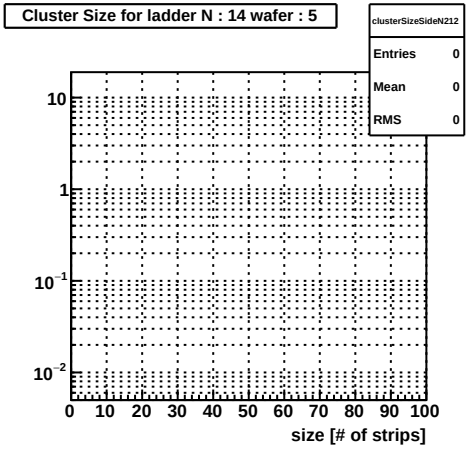

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 2659
Mean 1.645
RMS 1.018
size [# of strips]

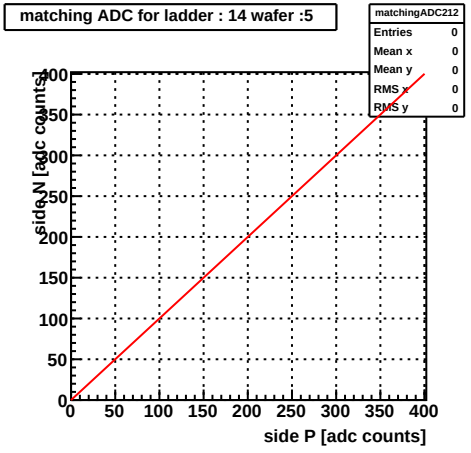

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 671
Mean x 81.41
Mean y 74.85
RMS x 56.98
RMS y 56.44
side N [adc counts]
side P [adc counts]

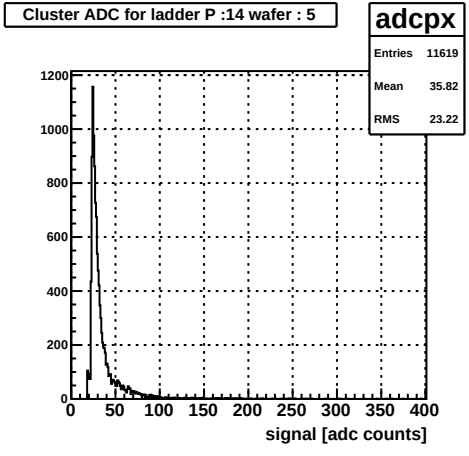

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 6669
Mean 30.1
RMS 33.62
signal [adc counts]

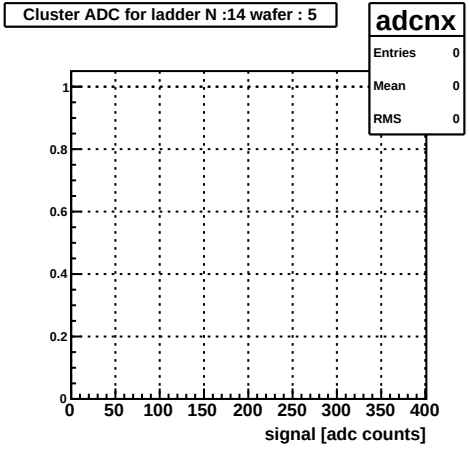

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 2659
Mean 42.51
RMS 45.45
signal [adc counts]

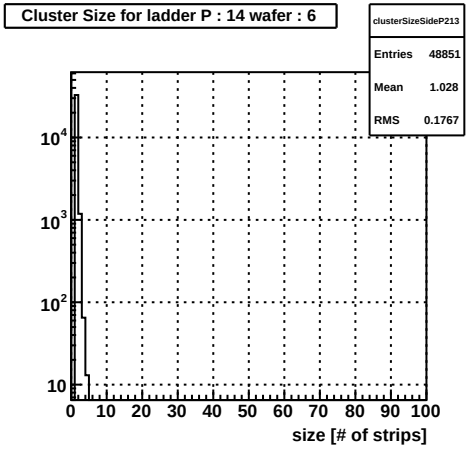

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 11619
Mean 1.116
RMS 0.3865
size [# of strips]

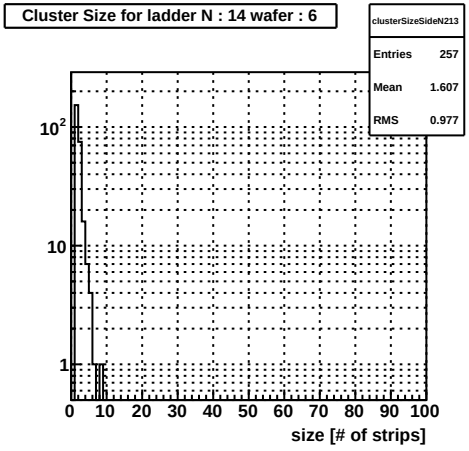

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

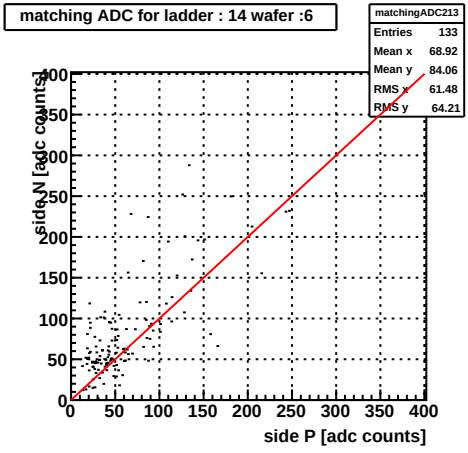

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

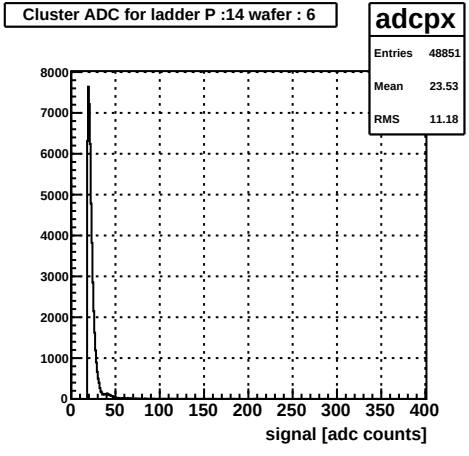

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 11619
Mean 35.82
RMS 23.22
signal [adc counts]

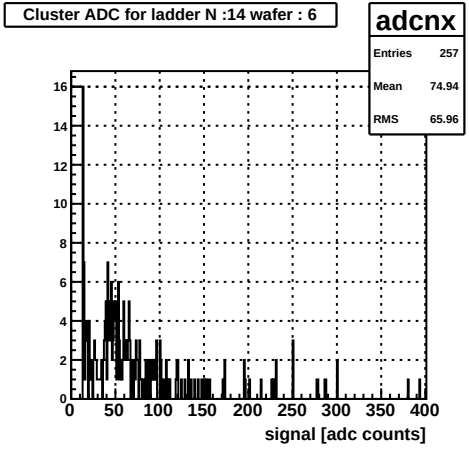

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

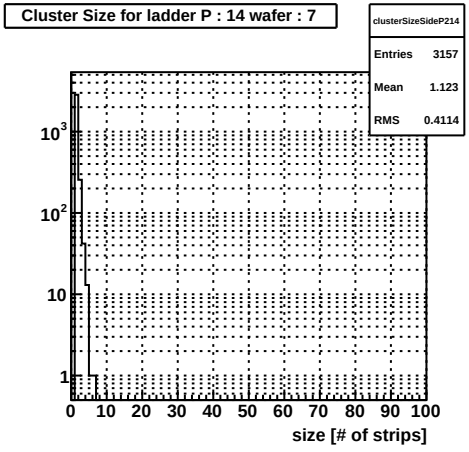

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 48851
Mean 1.028
RMS 0.1767
size [# of strips]

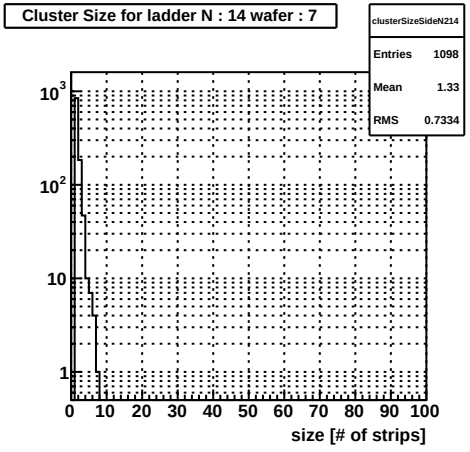

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 257
Mean 1.607
RMS 0.977
size [# of strips]

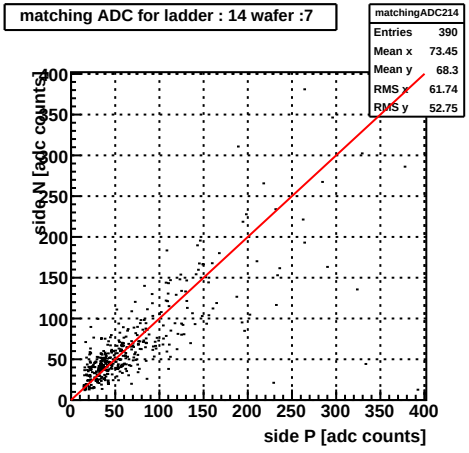

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 133
Mean x 68.92
Mean y 84.06
RMS x 61.48
RMS y 64.21
side N [adc counts]
side P [adc counts]

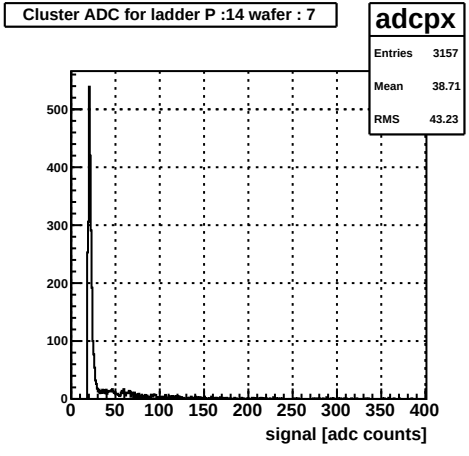

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 48851
Mean 23.53
RMS 11.18
signal [adc counts]

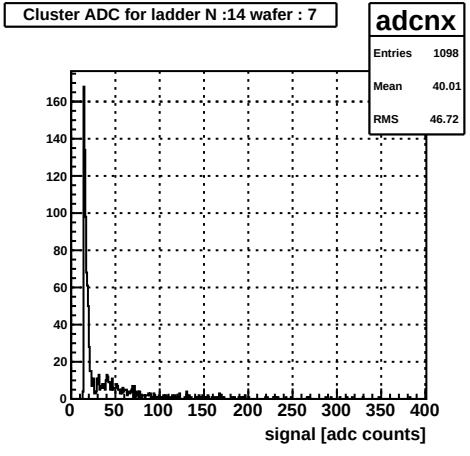

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 257
Mean 74.94
RMS 65.96
signal [adc counts]

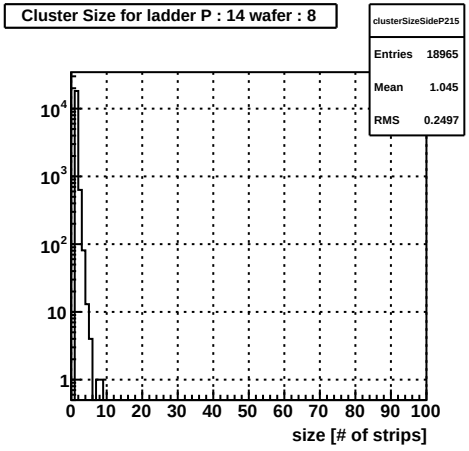

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 3157
Mean 1.123
RMS 0.4114
size [# of strips]

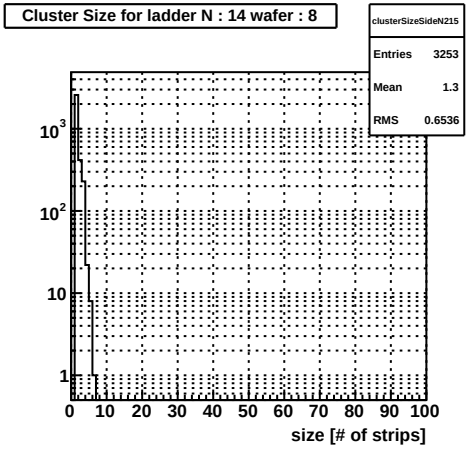

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 1098
Mean 1.33
RMS 0.7334
size [# of strips]

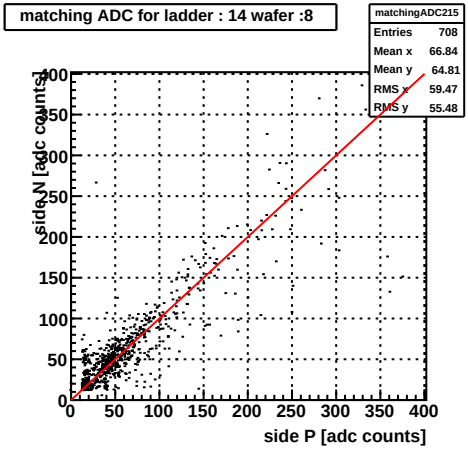

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 390
Mean x 73.45
Mean y 68.3
RMS x 61.74
RMS y 52.75
side N [adc counts]
side P [adc counts]

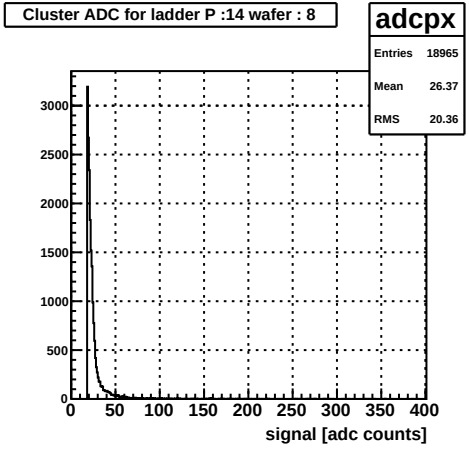

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 3157
Mean 38.71
RMS 43.23
signal [adc counts]

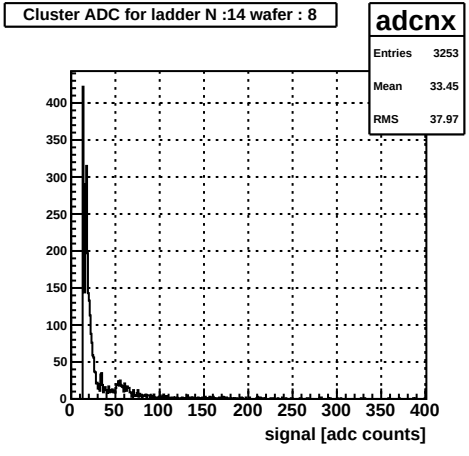

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 1098
Mean 40.01
RMS 46.72
signal [adc counts]

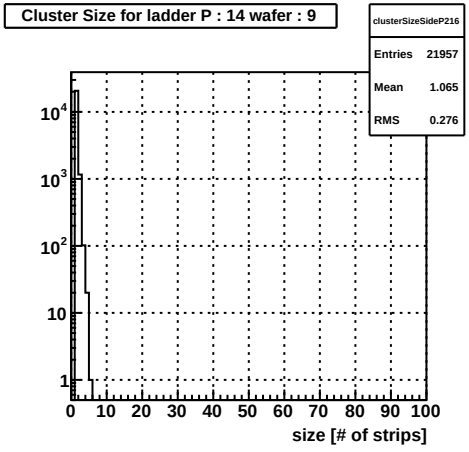

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 18965
Mean 1.045
RMS 0.2497
size [# of strips]

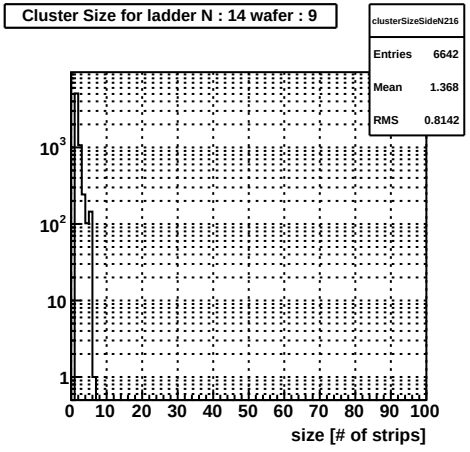

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 3253
Mean 1.3
RMS 0.6536
size [# of strips]

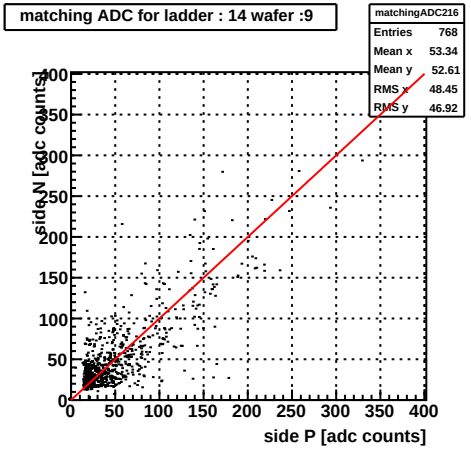

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 708
Mean x 66.84
Mean y 64.81
RMS x 59.47
RMS y 55.48
side N [adc counts]
side P [adc counts]

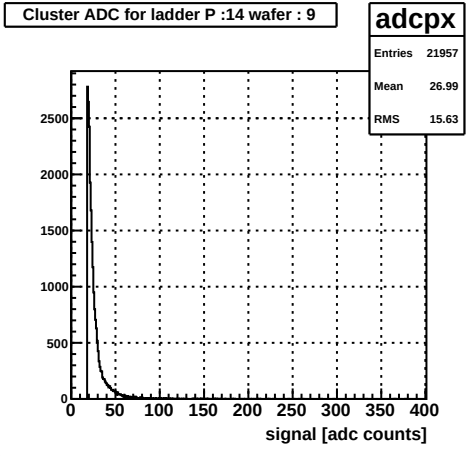

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 18965
Mean 26.37
RMS 20.36
signal [adc counts]

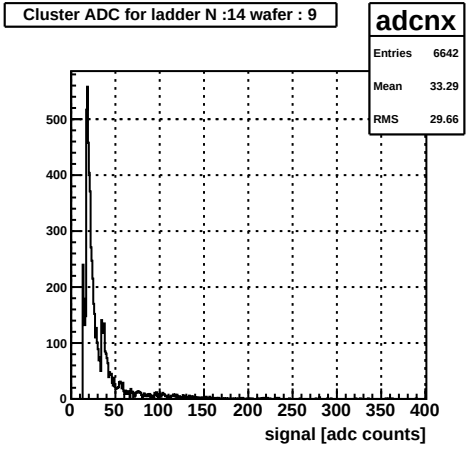

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 3253
Mean 33.45
RMS 37.97
signal [adc counts]

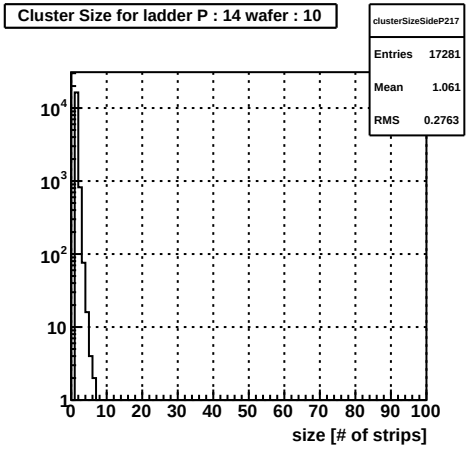

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 21957
Mean 1.065
RMS 0.276
size [# of strips]

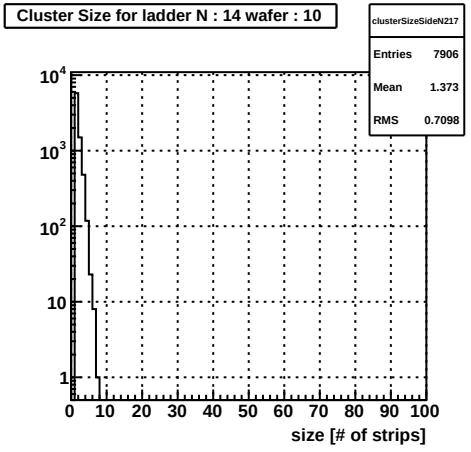

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 6642
Mean 1.368
RMS 0.8142
size [# of strips]

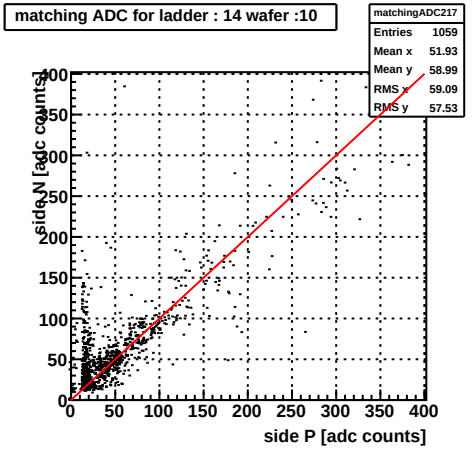

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 768
Mean x 53.34
Mean y 52.61
RMS x 48.45
RMS y 46.92
side N [adc counts]
side P [adc counts]

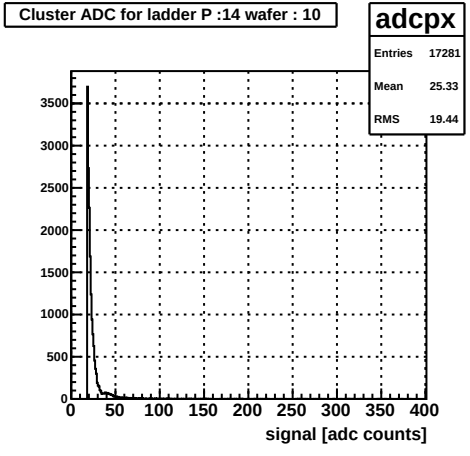

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 21957
Mean 26.99
RMS 15.63
signal [adc counts]

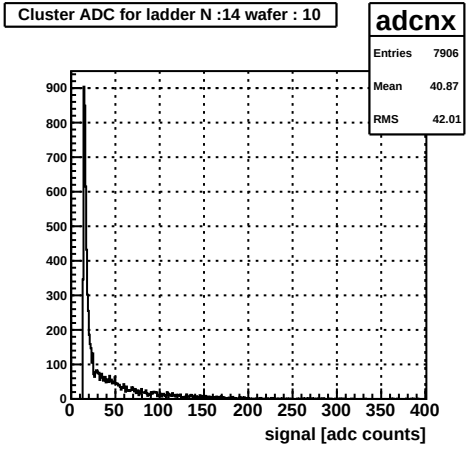

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 6642
Mean 33.29
RMS 29.66
signal [adc counts]

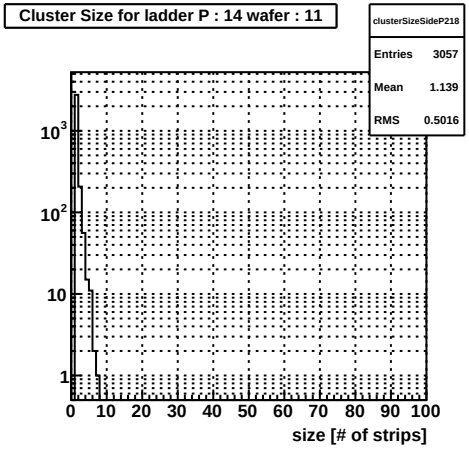

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 17281
Mean 1.061
RMS 0.2763
size [# of strips]

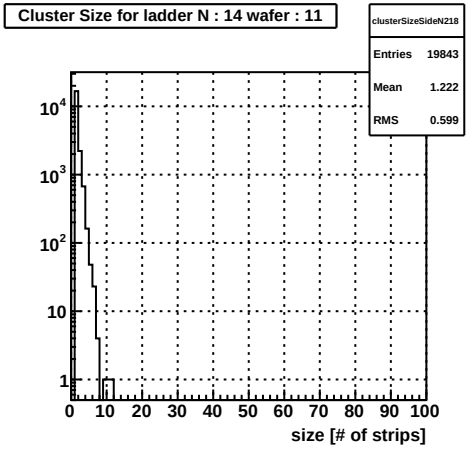

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 7906
Mean 1.373
RMS 0.7098
size [# of strips]

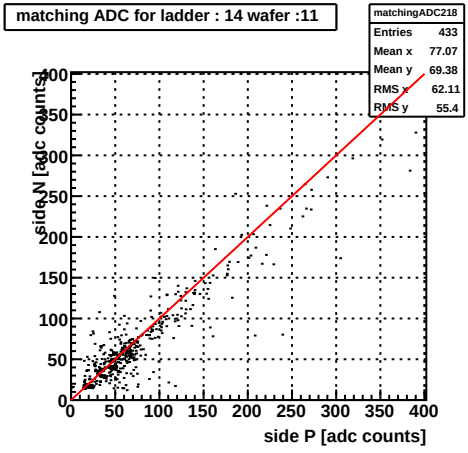

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 1059
Mean x 51.93
Mean y 58.99
RMS x 59.09
RMS y 57.53
side N [adc counts]
side P [adc counts]

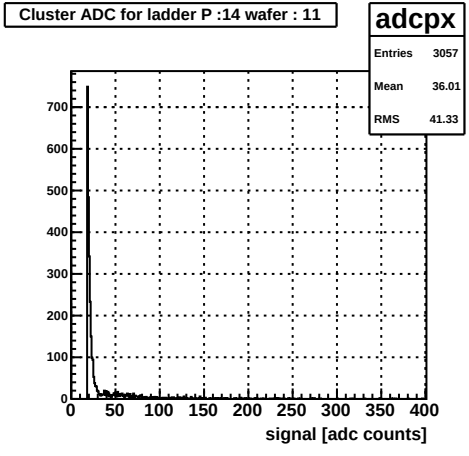

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 17281
Mean 25.33
RMS 19.44
signal [adc counts]

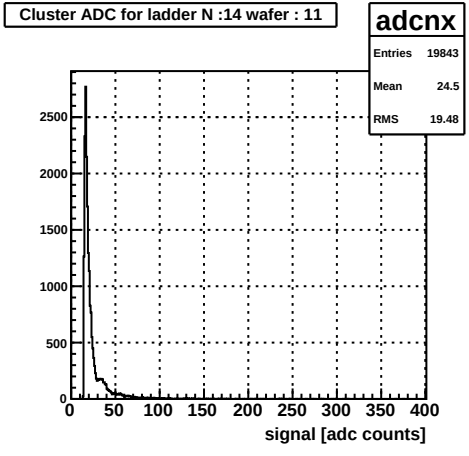

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 7906
Mean 40.87
RMS 42.01
signal [adc counts]

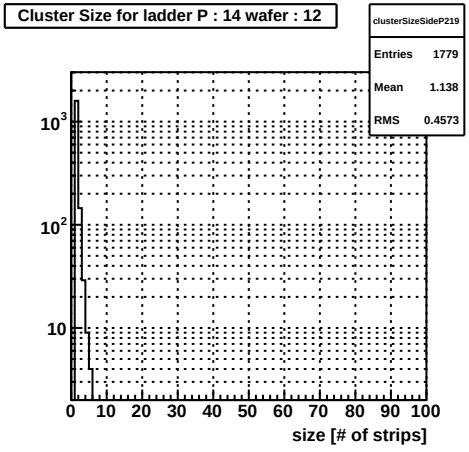

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 3057
Mean 1.139
RMS 0.5016
size [# of strips]

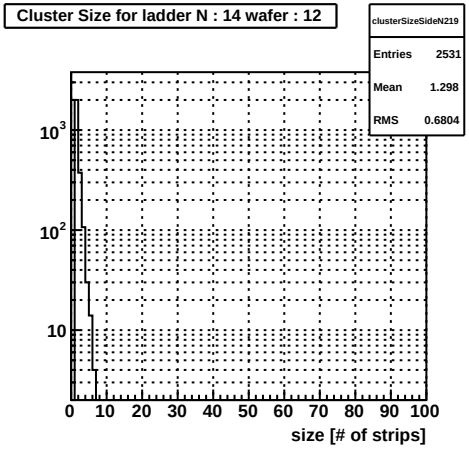

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 19843
Mean 1.222
RMS 0.599
size [# of strips]

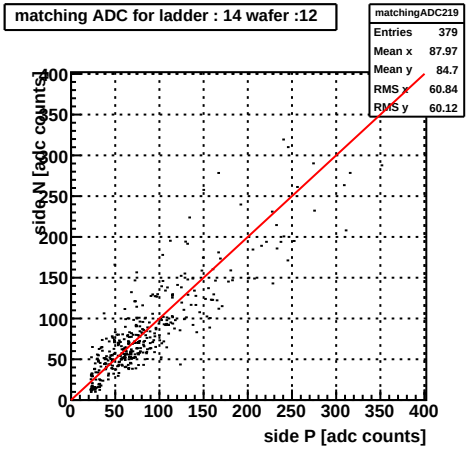

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 433
Mean x 77.07
Mean y 69.38
RMS x 62.11
RMS y 55.4
side N [adc counts]
side P [adc counts]

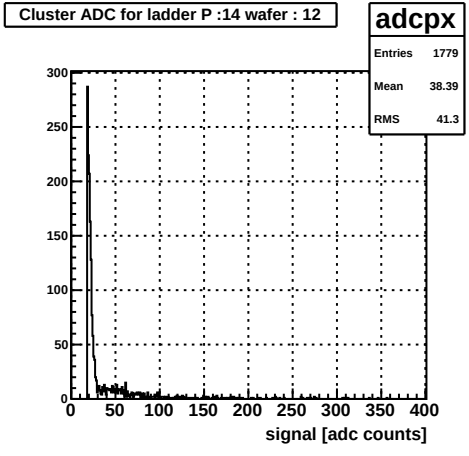

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 3057
Mean 36.01
RMS 41.33
signal [adc counts]

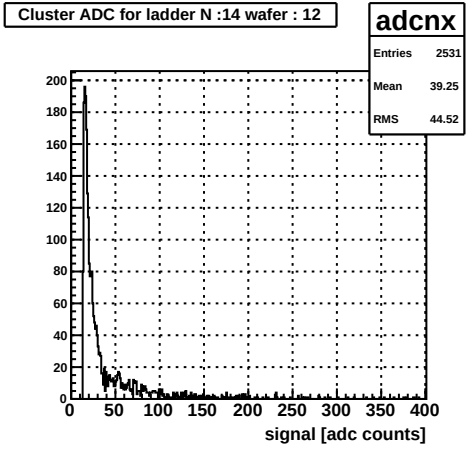

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 19843
Mean 24.5
RMS 19.48
signal [adc counts]

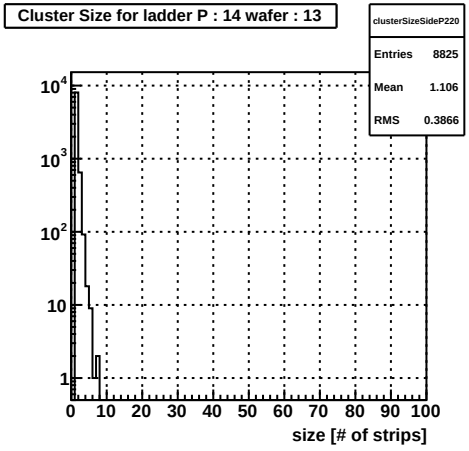

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 1779
Mean 1.138
RMS 0.4573
size [# of strips]

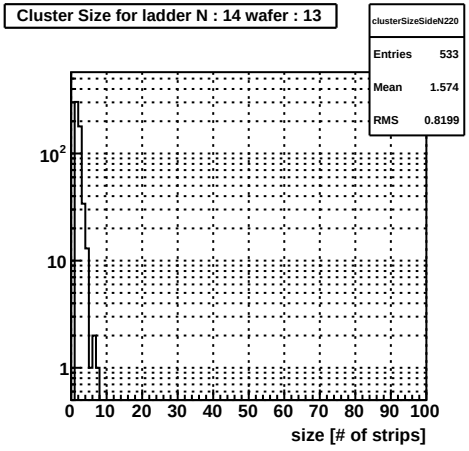

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 2531
Mean 1.298
RMS 0.6804
size [# of strips]

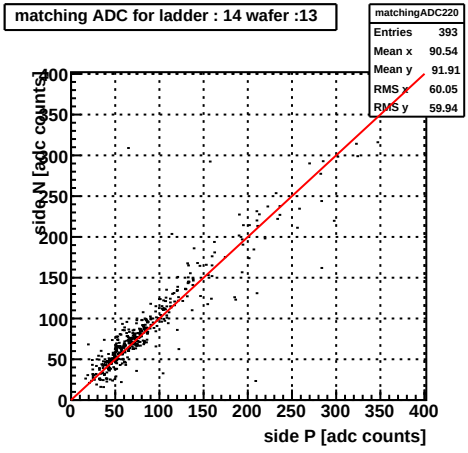

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 379
Mean x 87.97
Mean y 84.7
RMS x 60.84
RMS y 60.12
side N [adc counts]
side P [adc counts]

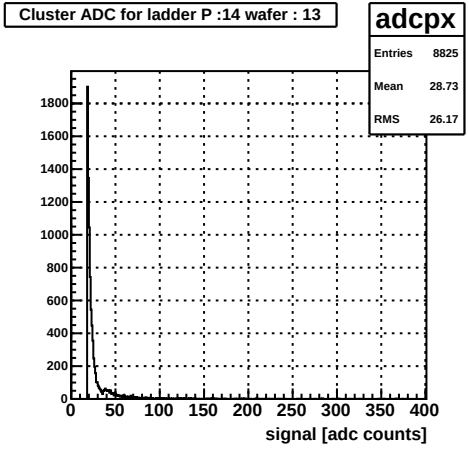

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 1779
Mean 38.39
RMS 41.3
signal [adc counts]

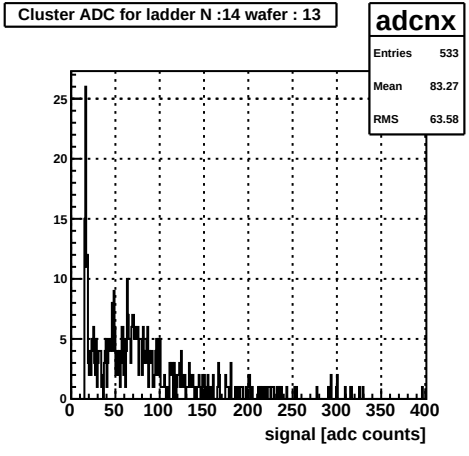

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 2531
Mean 39.25
RMS 44.52
signal [adc counts]

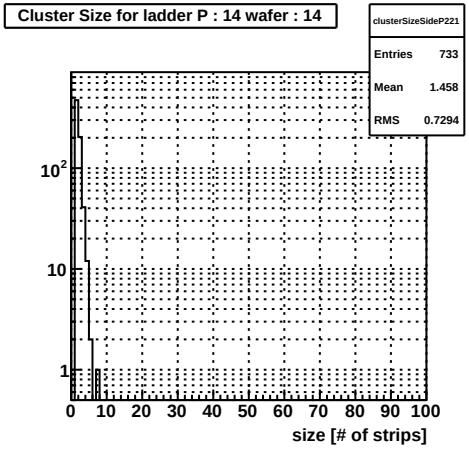

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 8825
Mean 1.106
RMS 0.3866
size [# of strips]

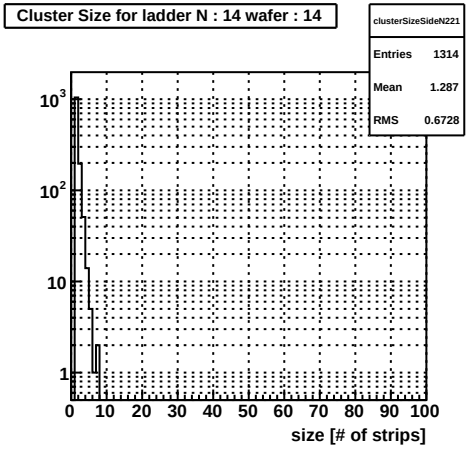

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 533
Mean 1.574
RMS 0.8199
size [# of strips]

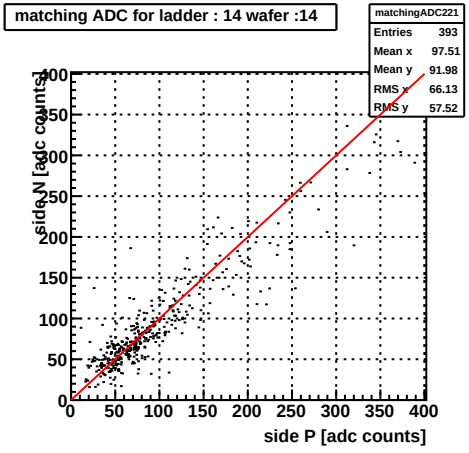

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 393
Mean x 90.54
Mean y 91.91
RMS x 60.05
RMS y 59.94
side N [adc counts]
side P [adc counts]

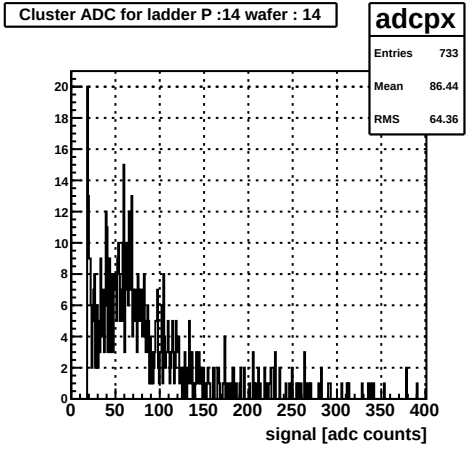

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 8825
Mean 28.73
RMS 26.17
signal [adc counts]

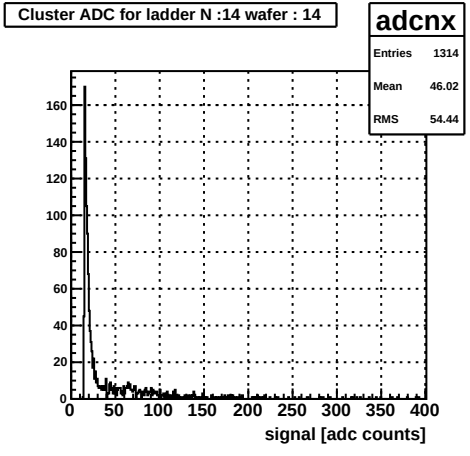

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 533
Mean 83.27
RMS 63.58
signal [adc counts]

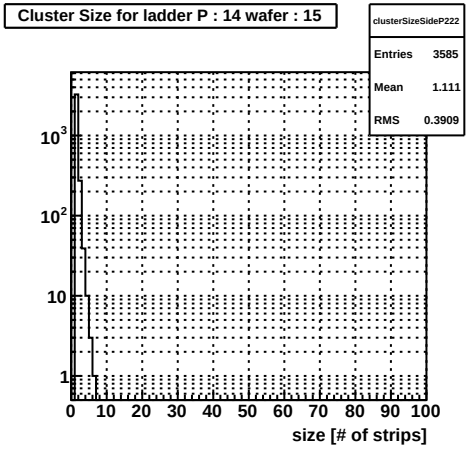

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 733
Mean 1.458
RMS 0.7294
size [# of strips]

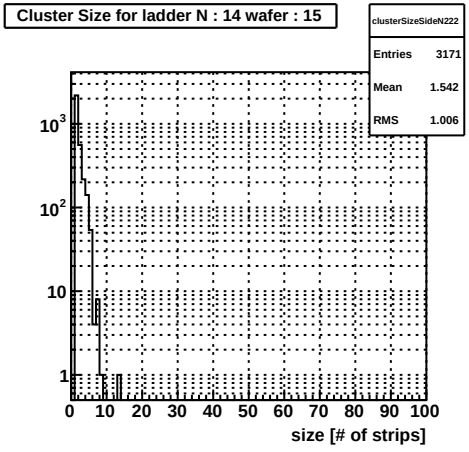

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 1314
Mean 1.287
RMS 0.6728
size [# of strips]

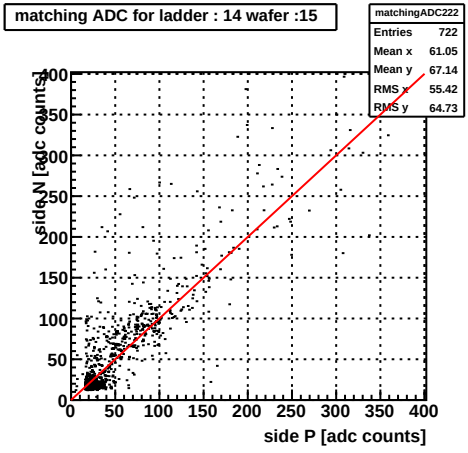

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 393
Mean x 97.51
Mean y 91.98
RMS x 66.13
RMS y 57.52
side N [adc counts]
side P [adc counts]

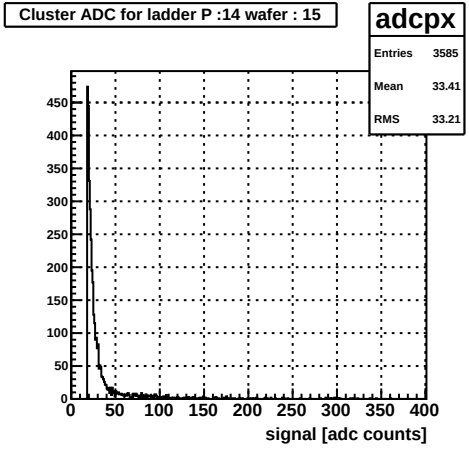

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 733
Mean 86.44
RMS 64.36
signal [adc counts]

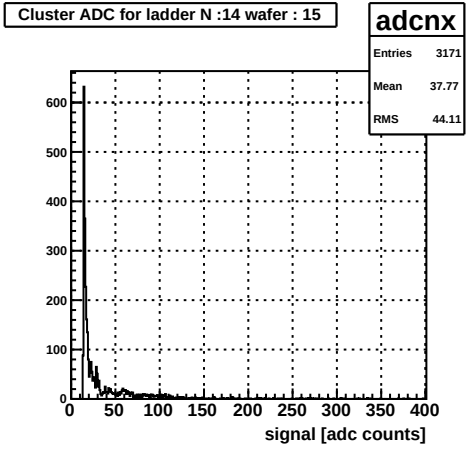

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 1314
Mean 46.02
RMS 54.44
signal [adc counts]

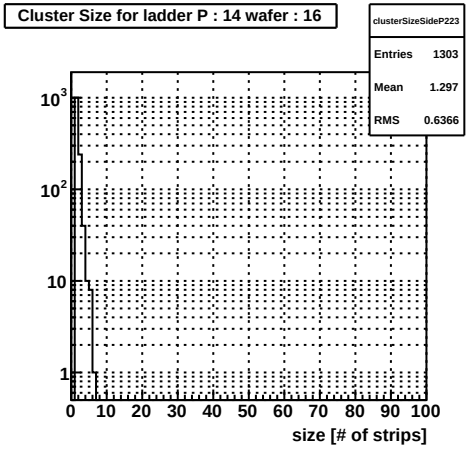

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 3585
Mean 1.111
RMS 0.3909
size [# of strips]

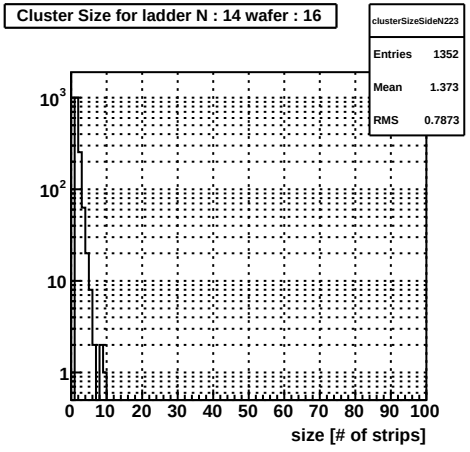

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 3171
Mean 1.542
RMS 1.006
size [# of strips]

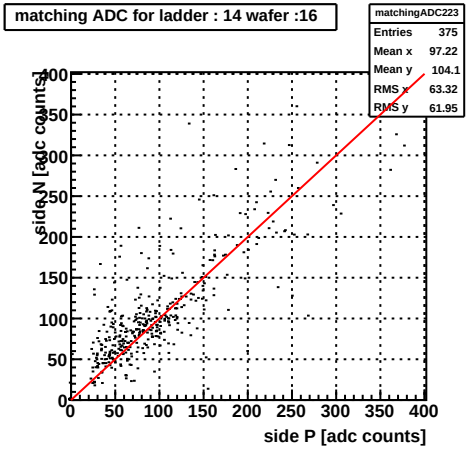

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 722
Mean x 61.05
Mean y 67.14
RMS x 55.42
RMS y 64.73
side N [adc counts]
side P [adc counts]

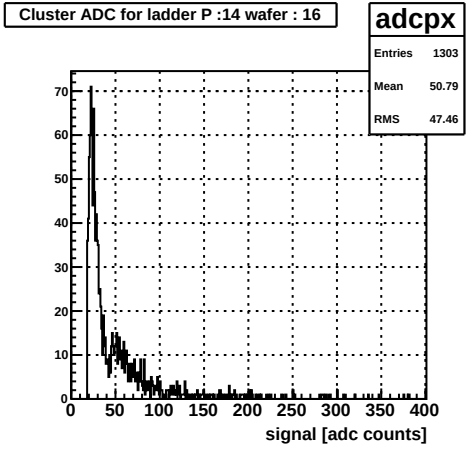

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 3585
Mean 33.41
RMS 33.21
signal [adc counts]

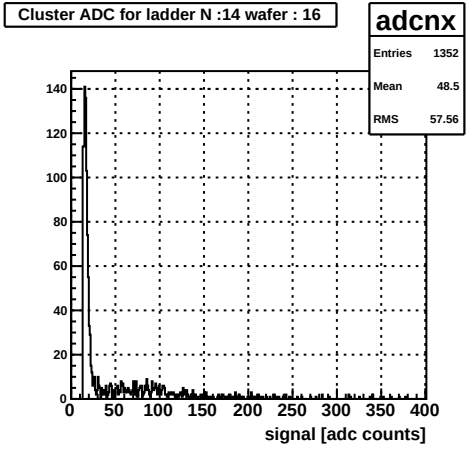

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 3171
Mean 37.77
RMS 44.11
signal [adc counts]

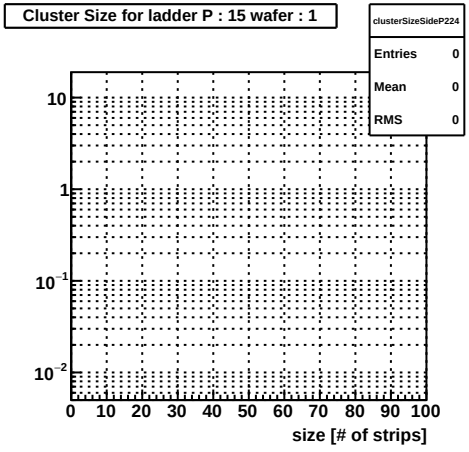

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1303
Mean 1.297
RMS 0.6366
size [# of strips]

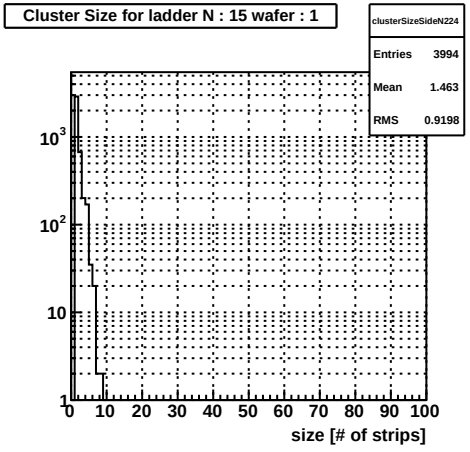

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 1352
Mean 1.373
RMS 0.7873
size [# of strips]

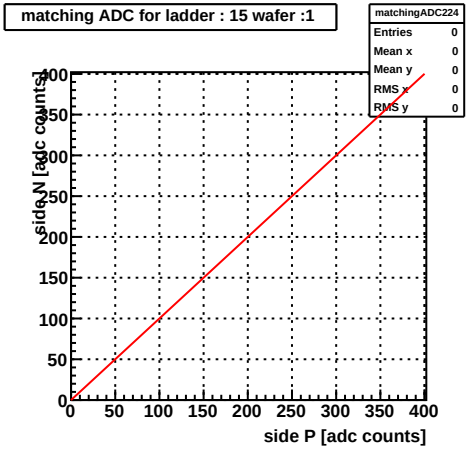

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 375
Mean x 97.22
Mean y 104.1
RMS x 63.32
RMS y 61.95
side N [adc counts]
side P [adc counts]

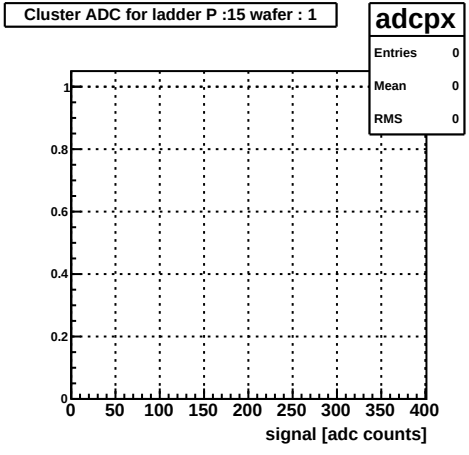

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1303
Mean 50.79
RMS 47.46
signal [adc counts]

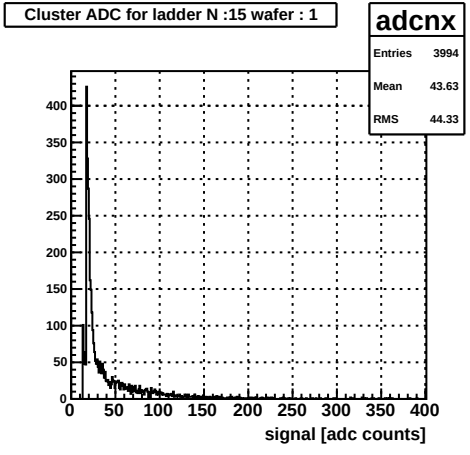

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 1352
Mean 48.5
RMS 57.56
signal [adc counts]

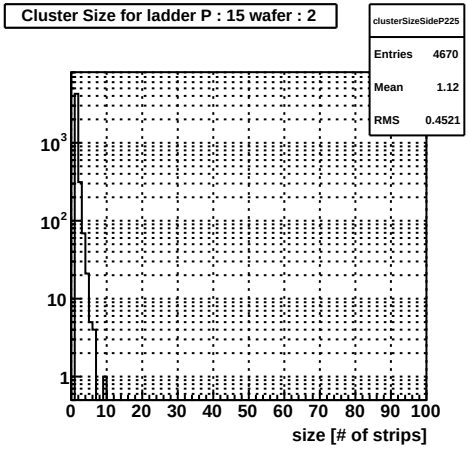

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

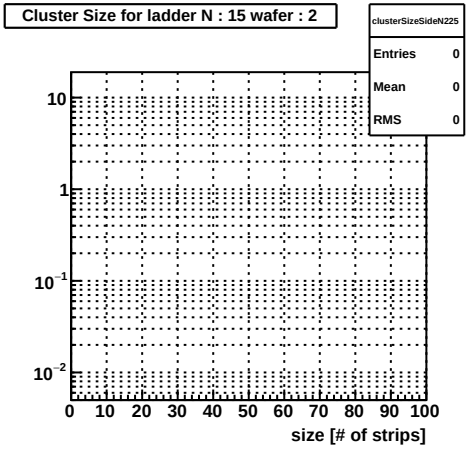

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 3994
Mean 1.463
RMS 0.9198
size [# of strips]

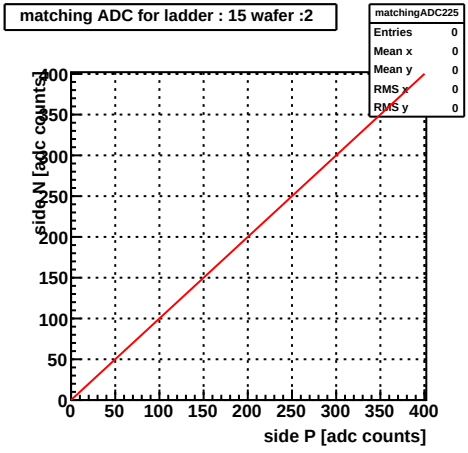

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

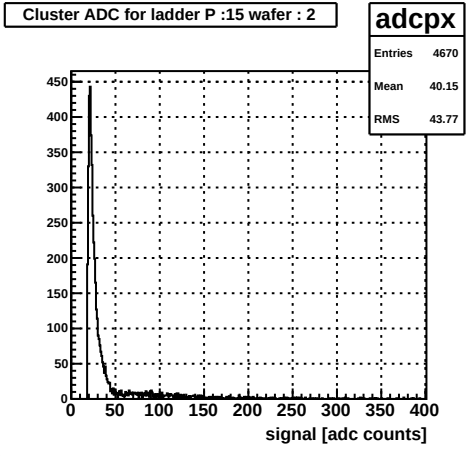

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

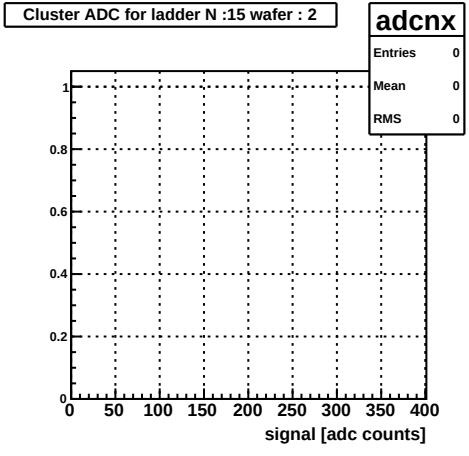

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 3994
Mean 43.63
RMS 44.33
signal [adc counts]

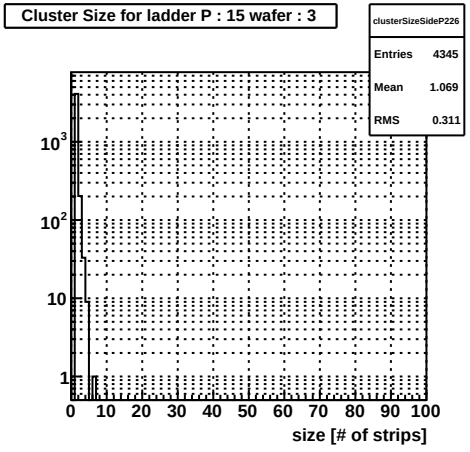

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 4670
Mean 1.12
RMS 0.4521
size [# of strips]

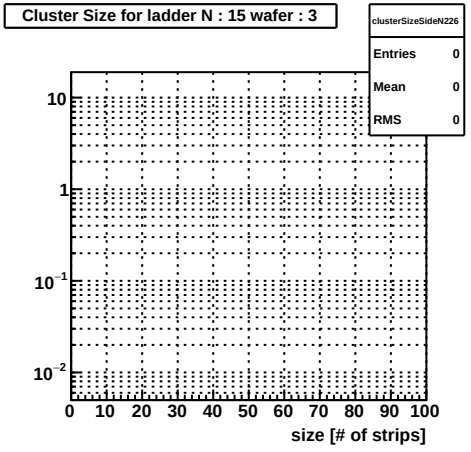

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

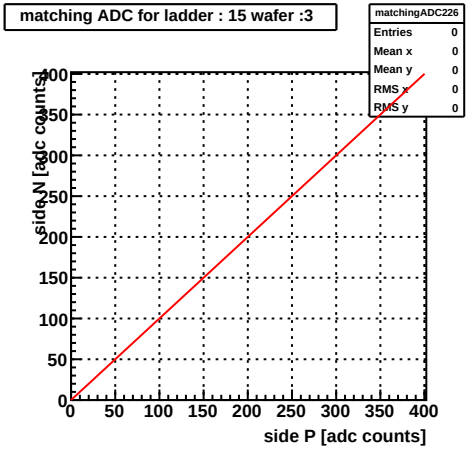

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

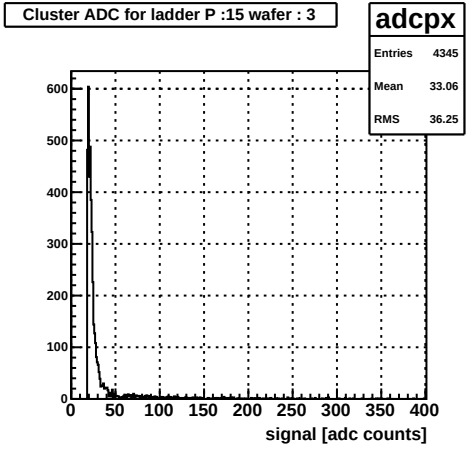

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 4670
Mean 40.15
RMS 43.77
signal [adc counts]

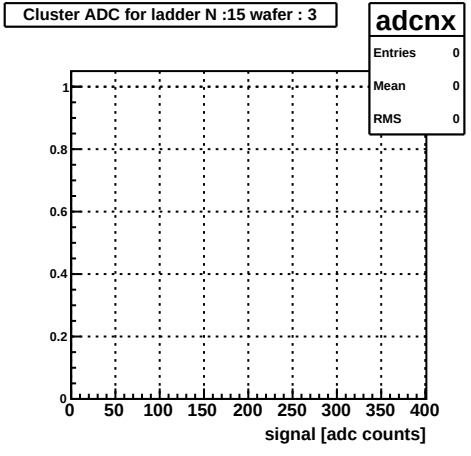

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

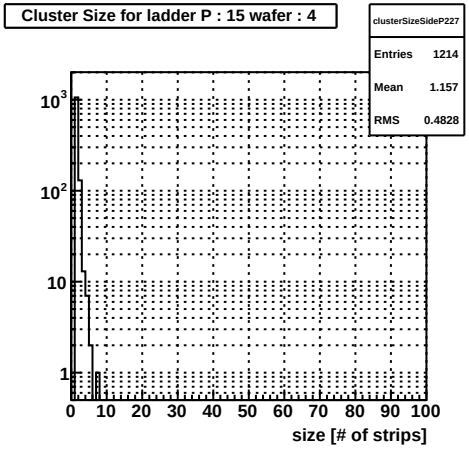

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 4345
Mean 1.069
RMS 0.311
size [# of strips]

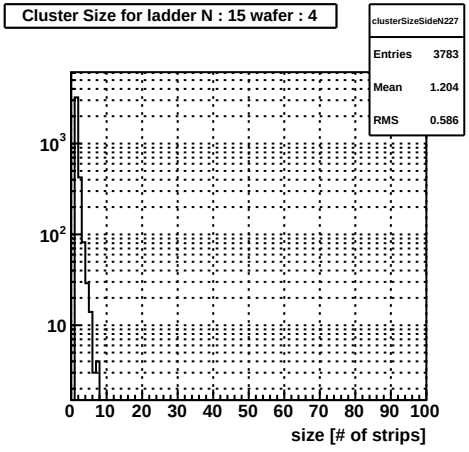

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

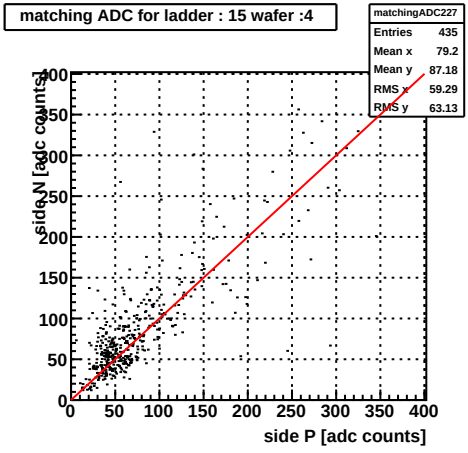

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

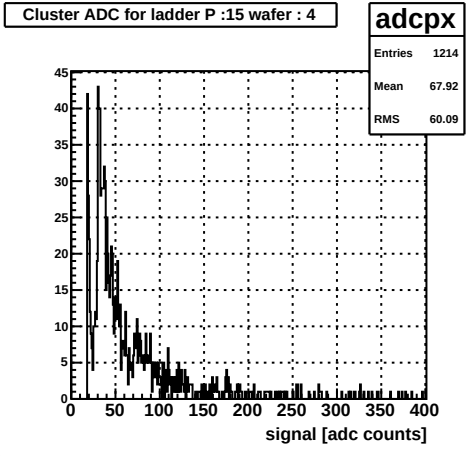

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 4345
Mean 33.06
RMS 36.25
signal [adc counts]

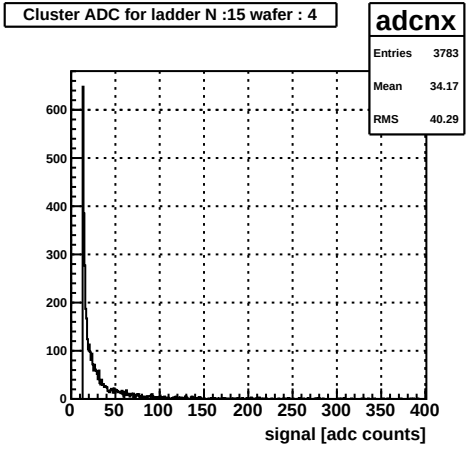

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

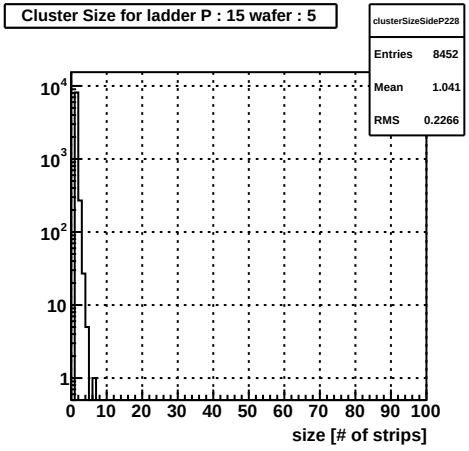

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 1214
Mean 1.157
RMS 0.4828
size [# of strips]

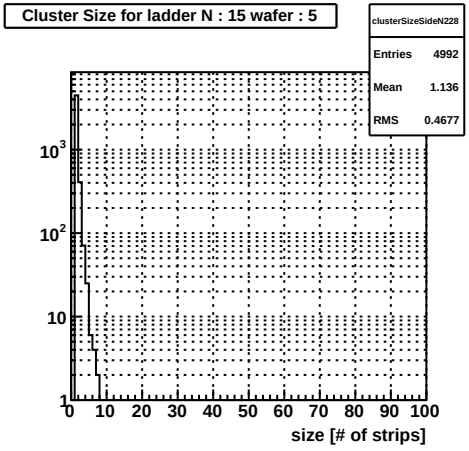

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 3783
Mean 1.204
RMS 0.586
size [# of strips]

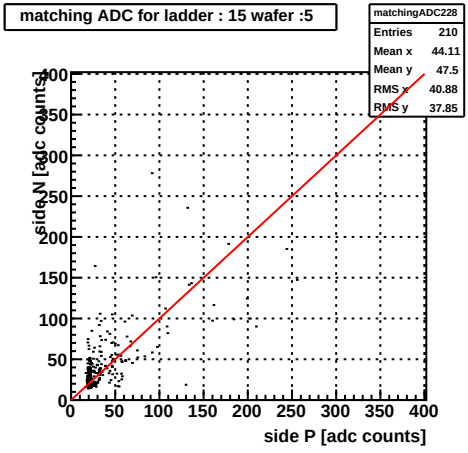

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 435
Mean x 79.2
Mean y 87.18
RMS x 59.29
RMS y 63.13
side N [adc counts]
side P [adc counts]

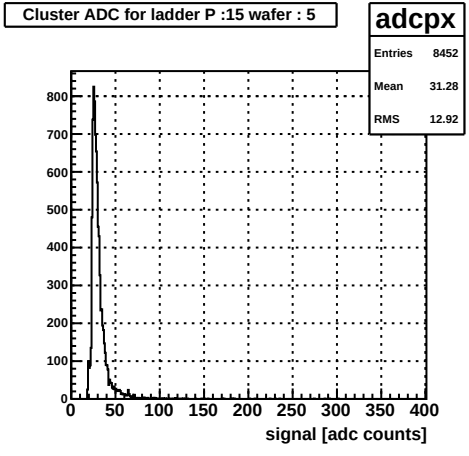

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 1214
Mean 67.92
RMS 60.09
signal [adc counts]

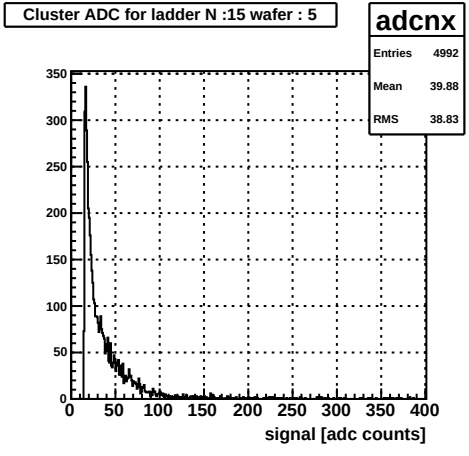

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 3783
Mean 34.17
RMS 40.29
signal [adc counts]

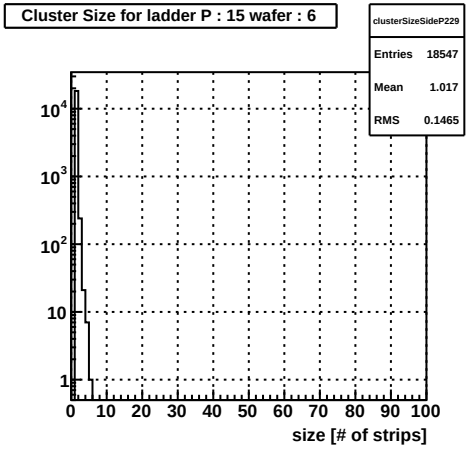

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 8452
Mean 1.041
RMS 0.2266
size [# of strips]

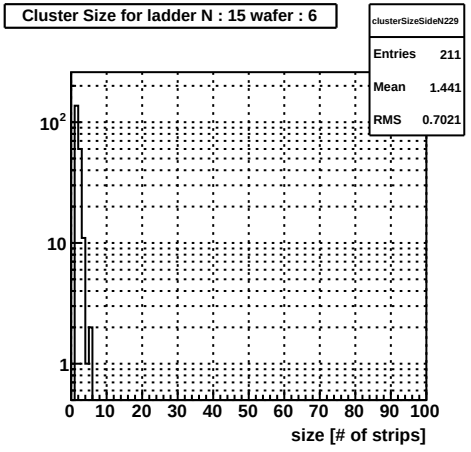

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 4992
Mean 1.136
RMS 0.4677
size [# of strips]

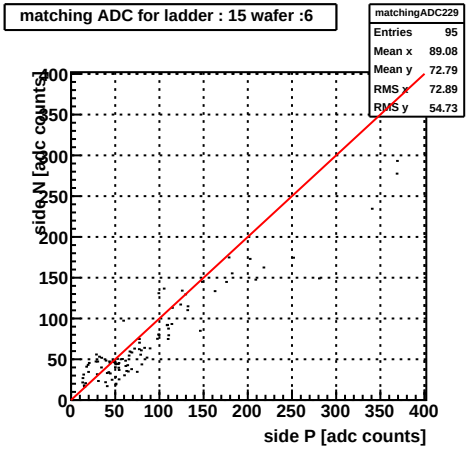

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 210
Mean x 44.11
Mean y 47.5
RMS x 40.88
RMS y 37.85
side N [adc counts]
side P [adc counts]

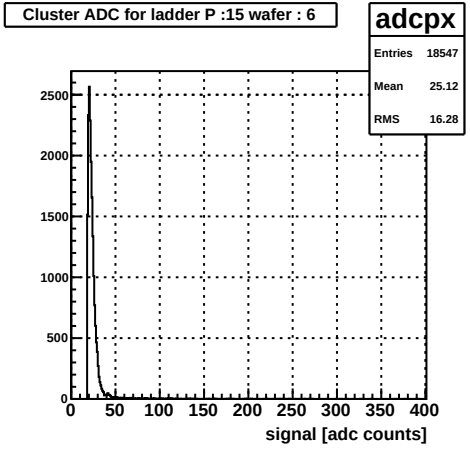

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 8452
Mean 31.28
RMS 12.92
signal [adc counts]

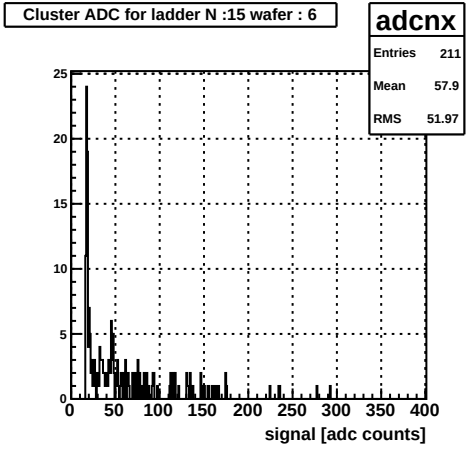

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 4992
Mean 39.88
RMS 38.83
signal [adc counts]

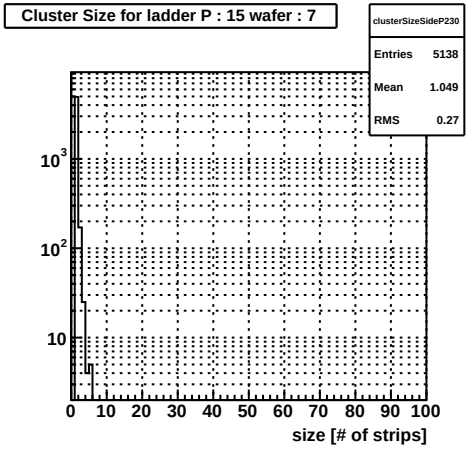

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 18547
Mean 1.017
RMS 0.1465
size [# of strips]

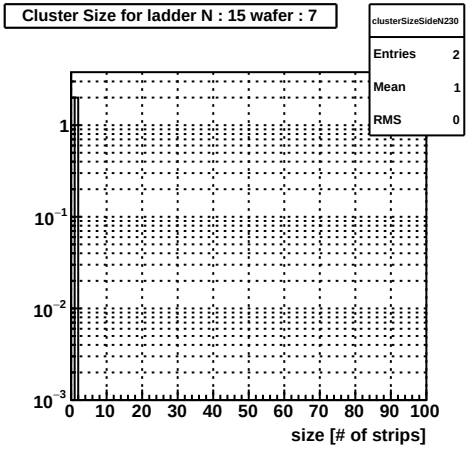

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 211
Mean 1.441
RMS 0.7021
size [# of strips]

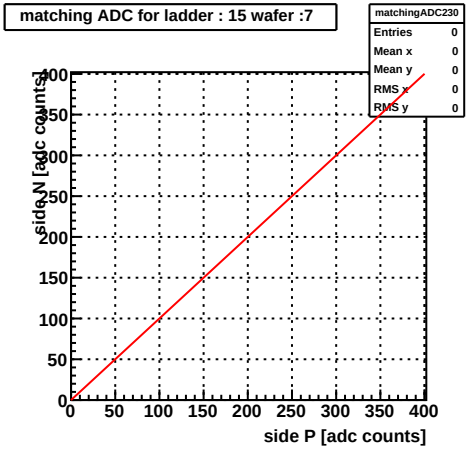

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 95
Mean x 89.08
Mean y 72.79
RMS x 72.89
RMS y 54.73
side N [adc counts]
side P [adc counts]

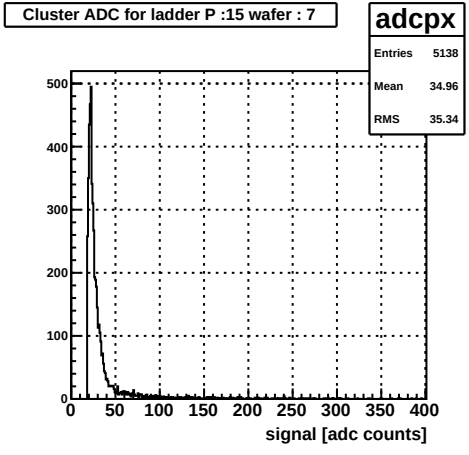

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 18547
Mean 25.12
RMS 16.28
signal [adc counts]

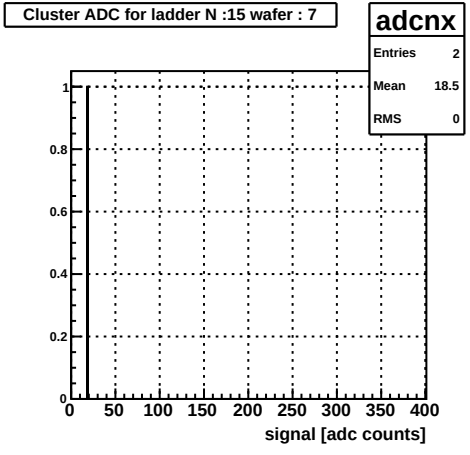

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 211
Mean 57.9
RMS 51.97
signal [adc counts]

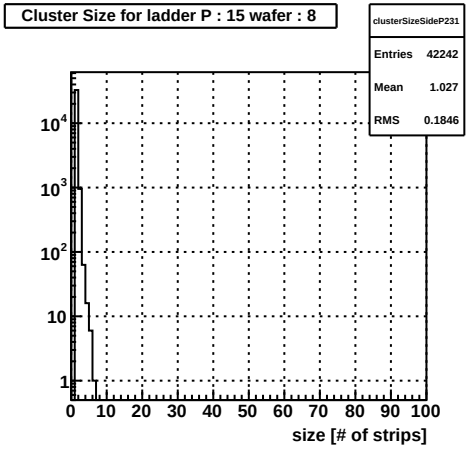

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 5138
Mean 1.049
RMS 0.27
size [# of strips]

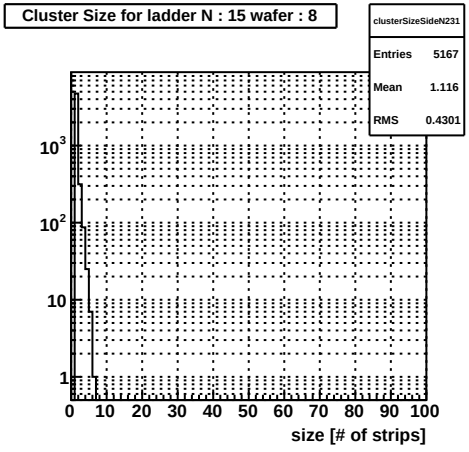

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 2
Mean 1
RMS 0
size [# of strips]

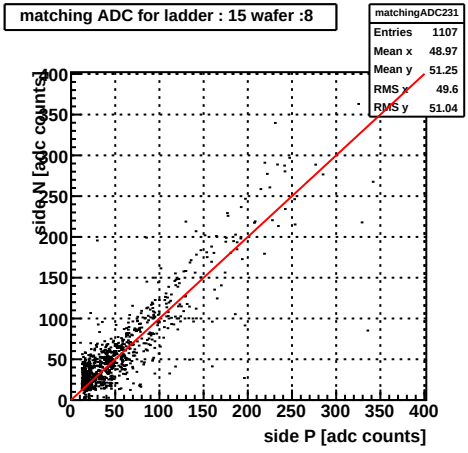

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

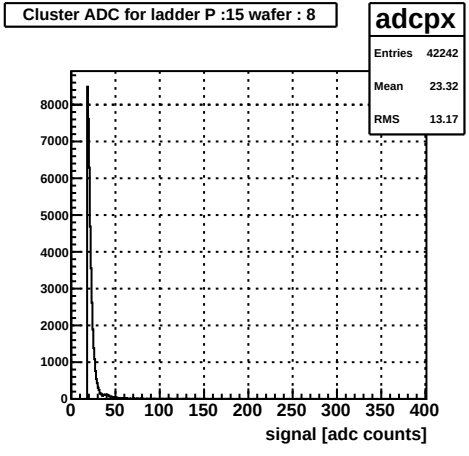

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 5138
Mean 34.96
RMS 35.34
signal [adc counts]

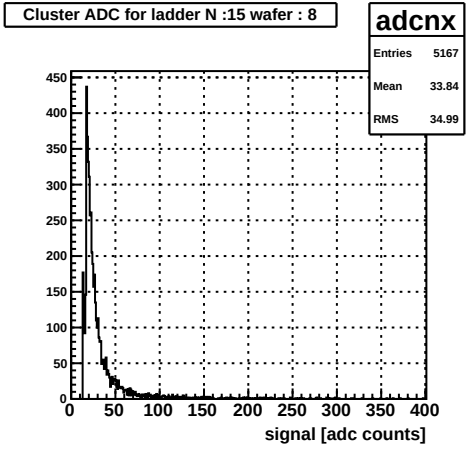

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 2
Mean 18.5
RMS 0
signal [adc counts]

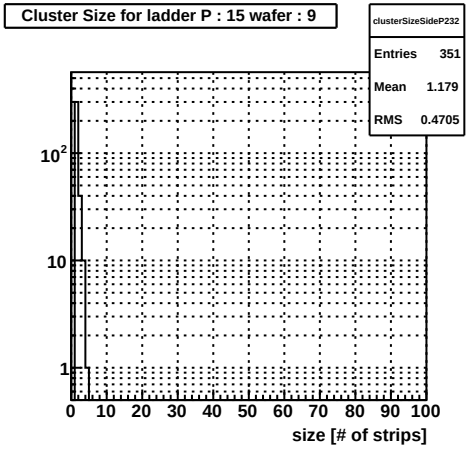

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 42242
Mean 1.027
RMS 0.1846
size [# of strips]

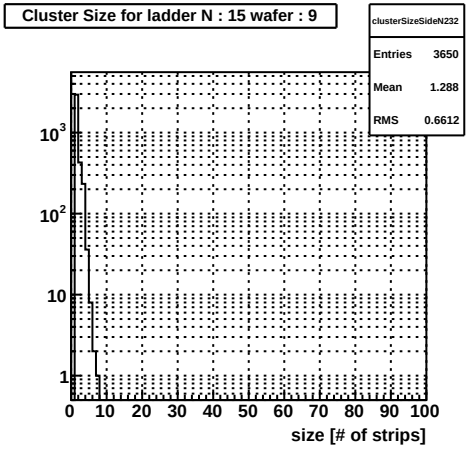

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 5167
Mean 1.116
RMS 0.4301
size [# of strips]

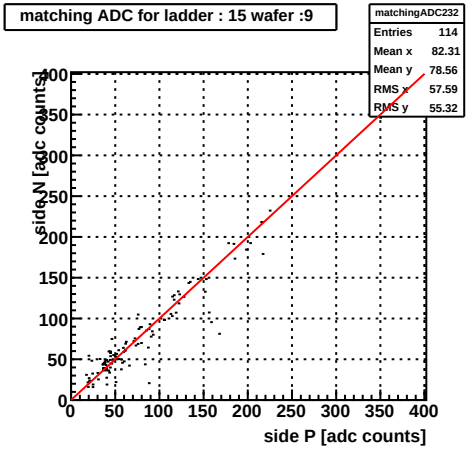

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 1107
Mean x 48.97
Mean y 51.25
RMS x 49.6
RMS y 51.04
side N [adc counts]
side P [adc counts]

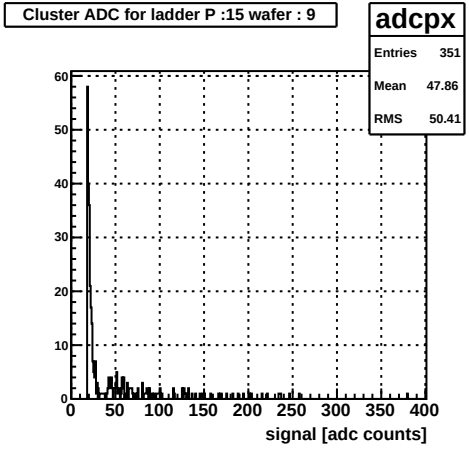

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 42242
Mean 23.32
RMS 13.17
signal [adc counts]

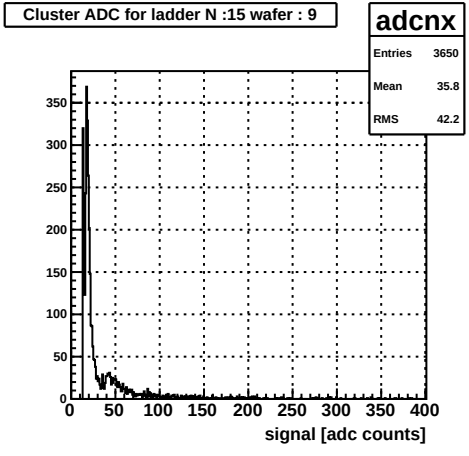

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 5167
Mean 33.84
RMS 34.99
signal [adc counts]

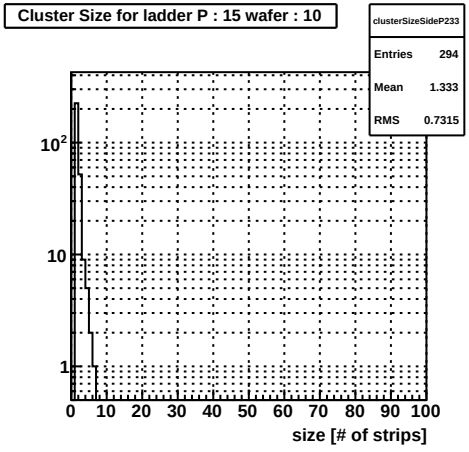

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 351
Mean 1.179
RMS 0.4705
size [# of strips]

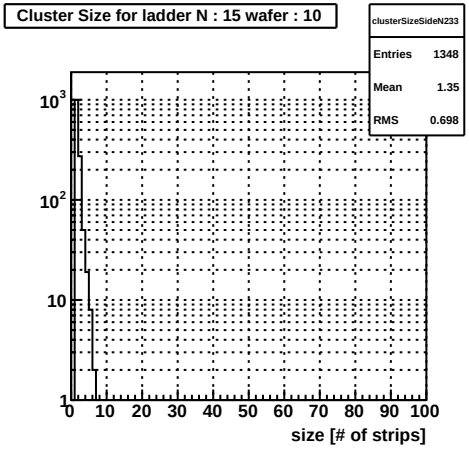

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 3650
Mean 1.288
RMS 0.6612
size [# of strips]

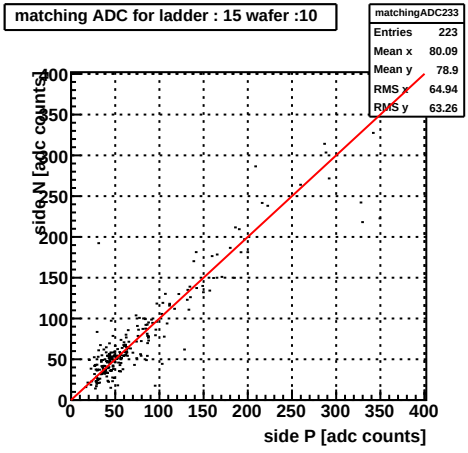

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 114
Mean x 82.31
Mean y 78.56
RMS x 57.59
RMS y 55.32
side N [adc counts]
side P [adc counts]

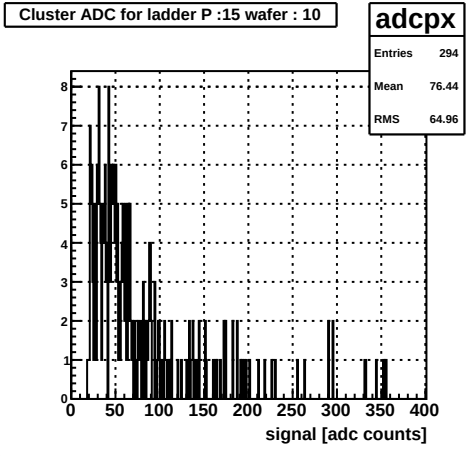

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 351
Mean 47.86
RMS 50.41
signal [adc counts]

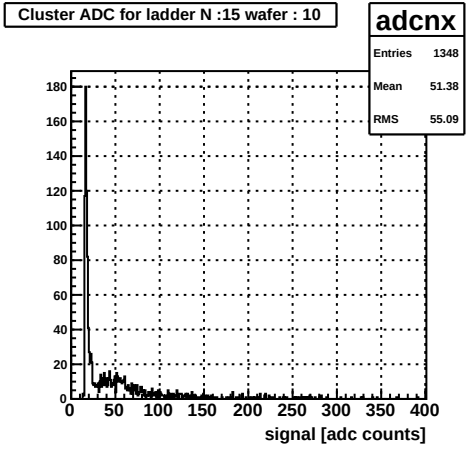

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 3650
Mean 35.8
RMS 42.2
signal [adc counts]

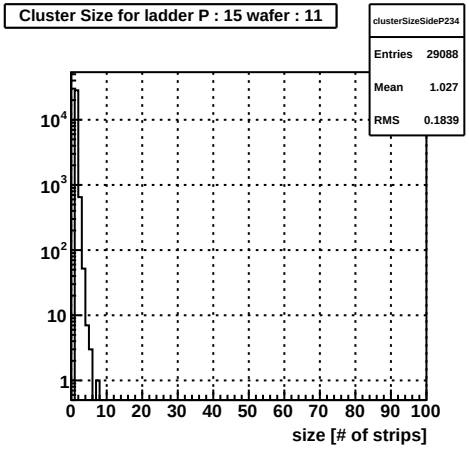

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 294
Mean 1.333
RMS 0.7315
size [# of strips]

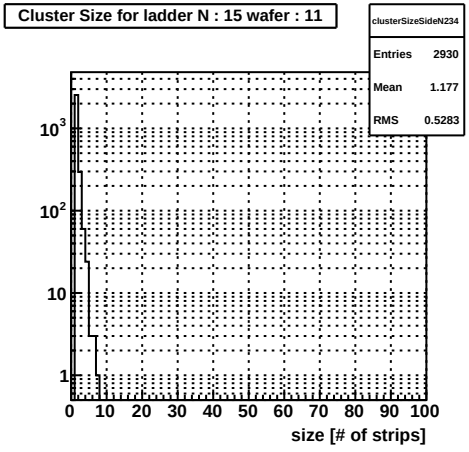

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 1348
Mean 1.35
RMS 0.698
size [# of strips]

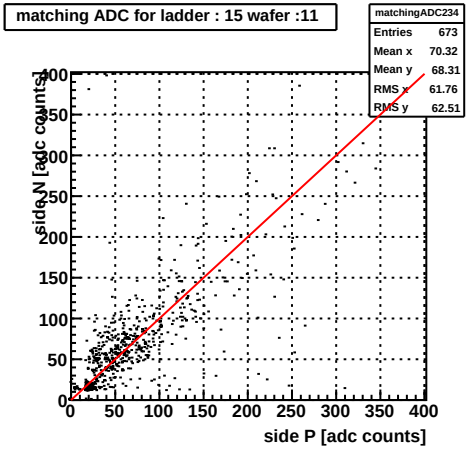

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 223
Mean x 80.09
Mean y 78.9
RMS x 64.94
RMS y 63.26
side N [adc counts]
side P [adc counts]

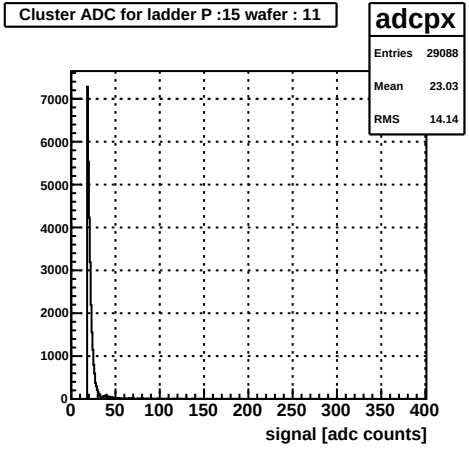

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 294
Mean 76.44
RMS 64.96
signal [adc counts]

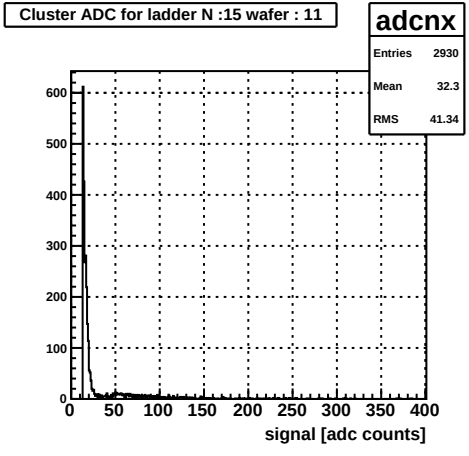

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 1348
Mean 51.38
RMS 55.09
signal [adc counts]

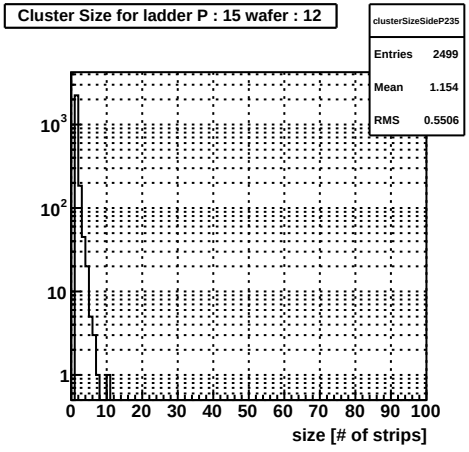

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 29088
Mean 1.027
RMS 0.1839
size [# of strips]

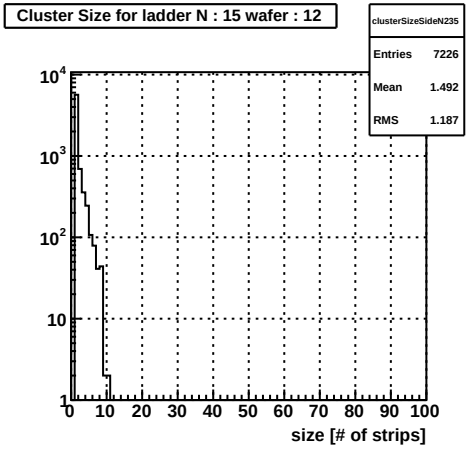

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 2930
Mean 1.177
RMS 0.5283
size [# of strips]

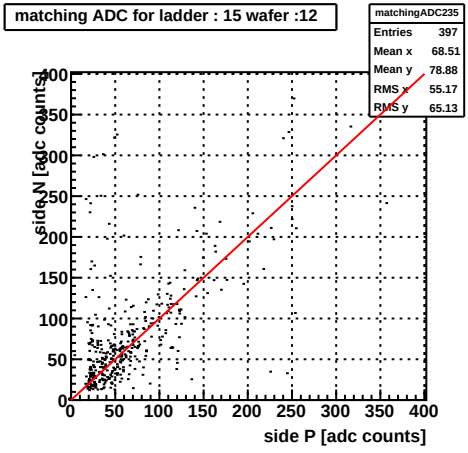

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 673
Mean x 70.32
Mean y 68.31
RMS x 61.76
RMS y 62.51
side N [adc counts]
side P [adc counts]

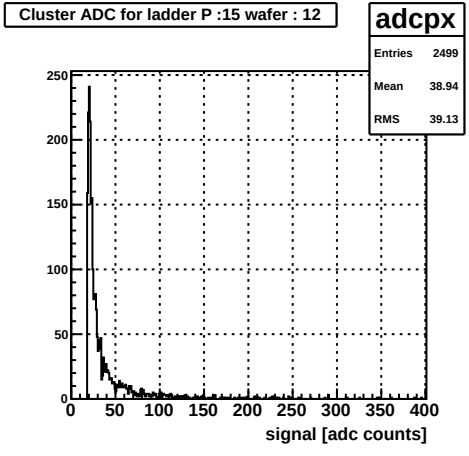

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 29088
Mean 23.03
RMS 14.14
signal [adc counts]

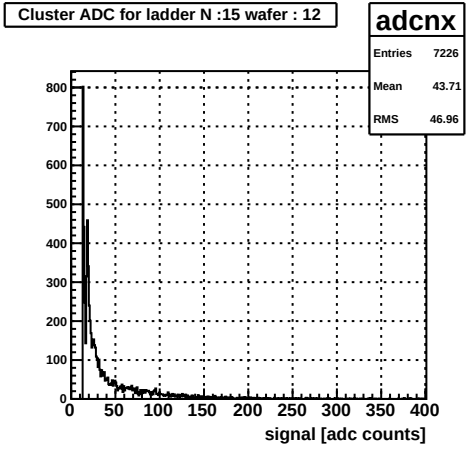

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 2930
Mean 32.3
RMS 41.34
signal [adc counts]

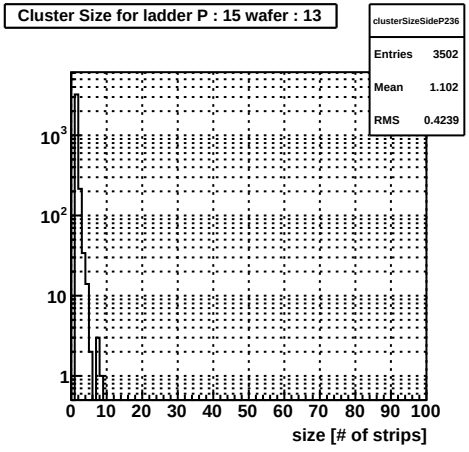

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 2499
Mean 1.154
RMS 0.5506
size [# of strips]

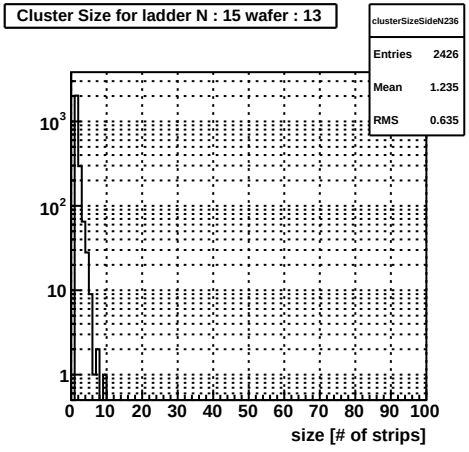

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 7226
Mean 1.492
RMS 1.187
size [# of strips]

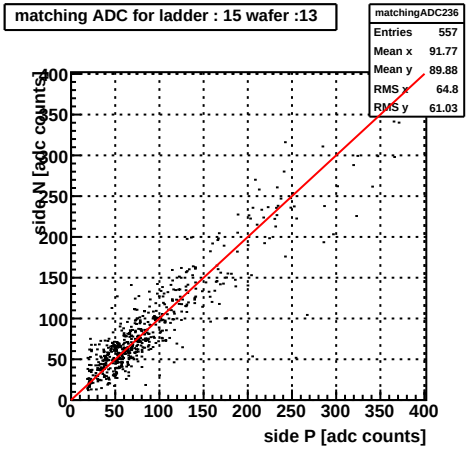

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 397
Mean x 68.51
Mean y 78.88
RMS x 55.17
RMS y 65.13
side N [adc counts]
side P [adc counts]

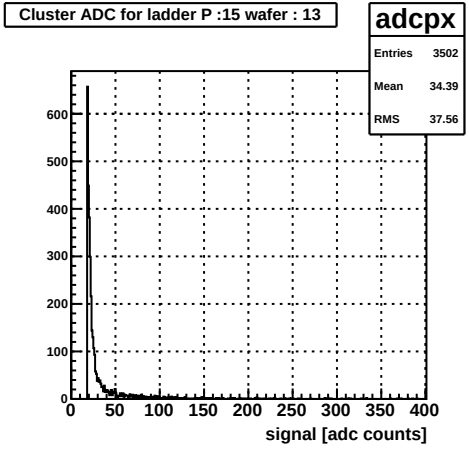

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 2499
Mean 38.94
RMS 39.13
signal [adc counts]

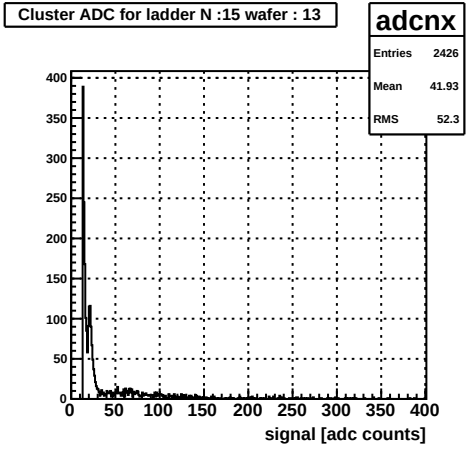

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 7226
Mean 43.71
RMS 46.96
signal [adc counts]

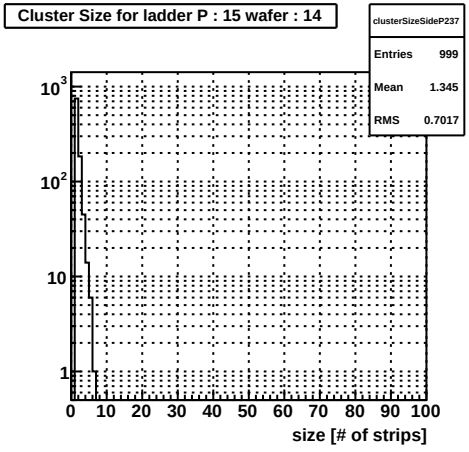

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 3502
Mean 1.102
RMS 0.4239
size [# of strips]

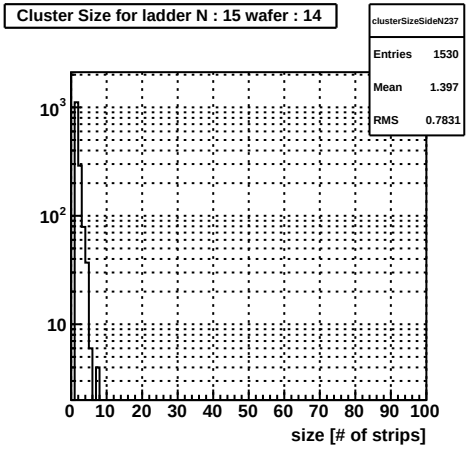

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 2426
Mean 1.235
RMS 0.635
size [# of strips]

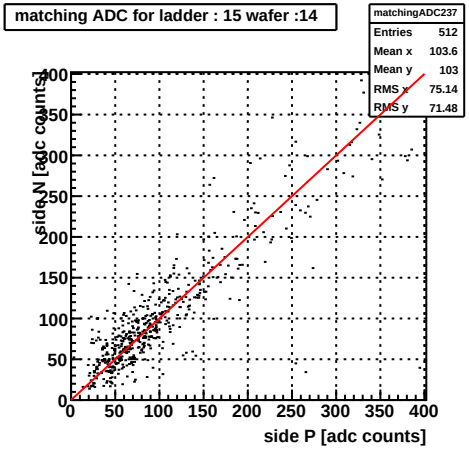

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 557
Mean x 91.77
Mean y 89.88
RMS x 64.8
RMS y 61.03
side N [adc counts]
side P [adc counts]

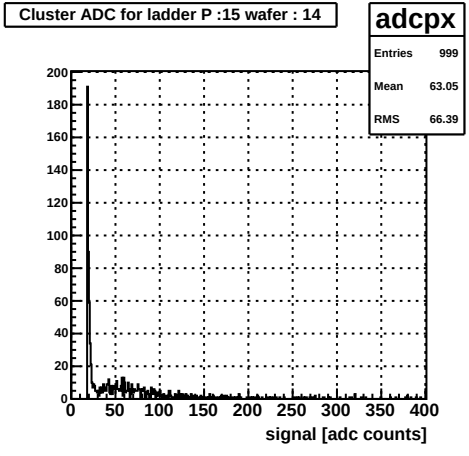

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 3502
Mean 34.39
RMS 37.56
signal [adc counts]

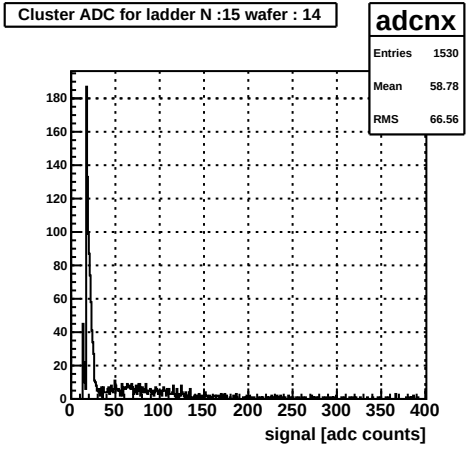

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 2426
Mean 41.93
RMS 52.3
signal [adc counts]

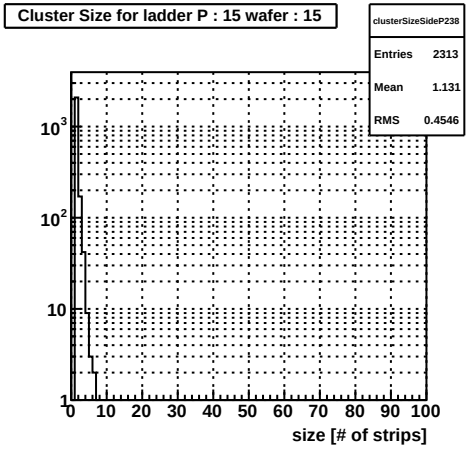

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 999
Mean 1.345
RMS 0.7017
size [# of strips]

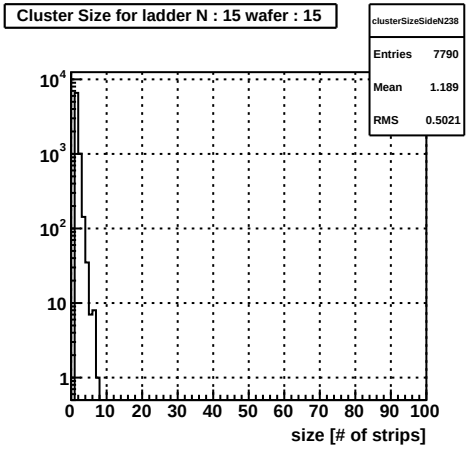

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 1530
Mean 1.397
RMS 0.7831
size [# of strips]

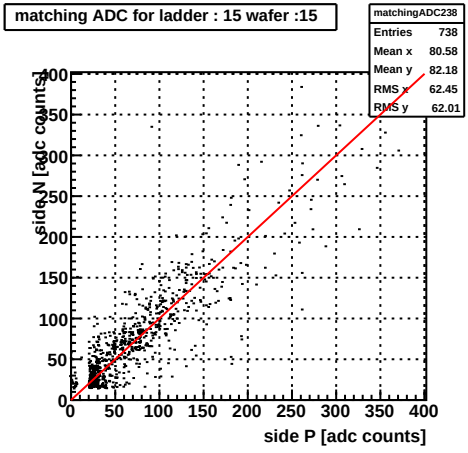

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 512
Mean x 103.6
Mean y 103
RMS x 75.14
RMS y 71.48
side N [adc counts]
side P [adc counts]

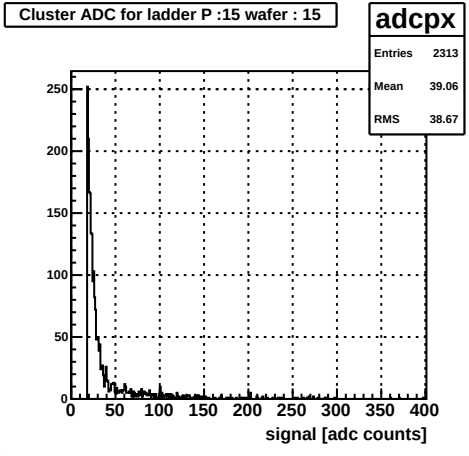

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 999
Mean 63.05
RMS 66.39
signal [adc counts]

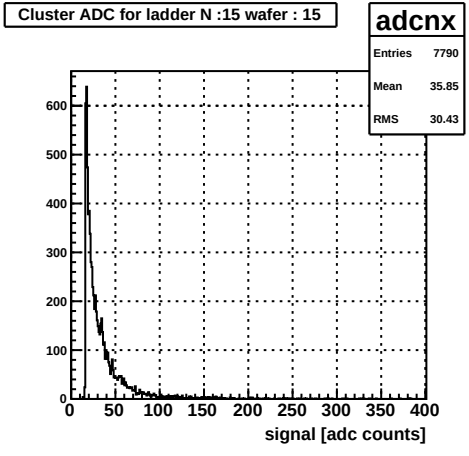

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 1530
Mean 58.78
RMS 66.56
signal [adc counts]

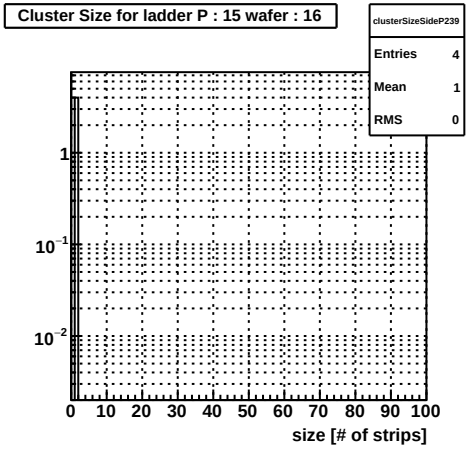

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 2313
Mean 1.131
RMS 0.4546
size [# of strips]

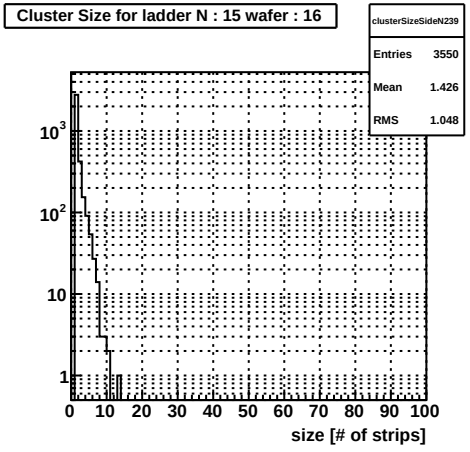

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 7790
Mean 1.189
RMS 0.5021
size [# of strips]

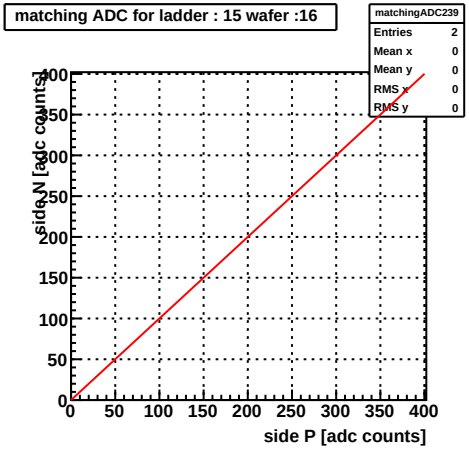

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 738
Mean x 80.58
Mean y 82.18
RMS x 62.45
RMS y 62.01
side N [adc counts]
side P [adc counts]

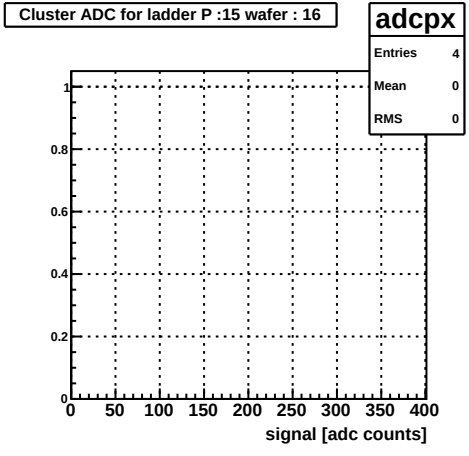

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 2313
Mean 39.06
RMS 38.67
signal [adc counts]

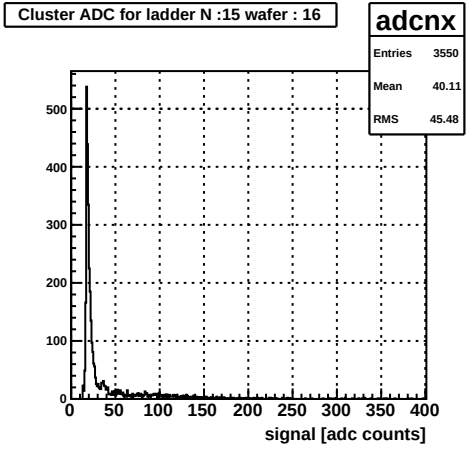

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 7790
Mean 35.85
RMS 30.43
signal [adc counts]

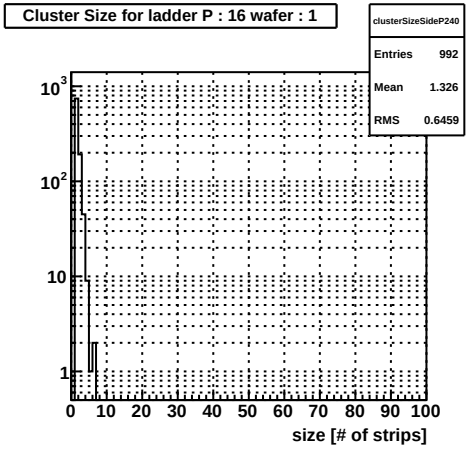

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 4
Mean 1
RMS 0
size [# of strips]

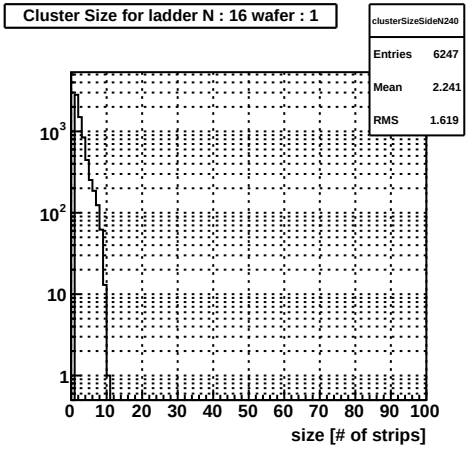

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 3550
Mean 1.426
RMS 1.048
size [# of strips]

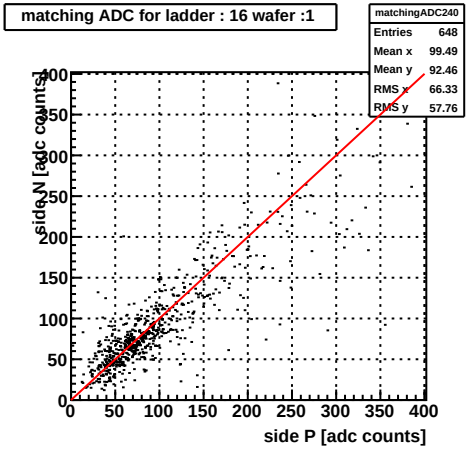

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

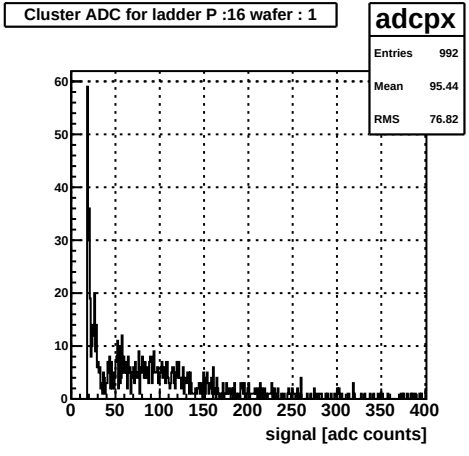

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

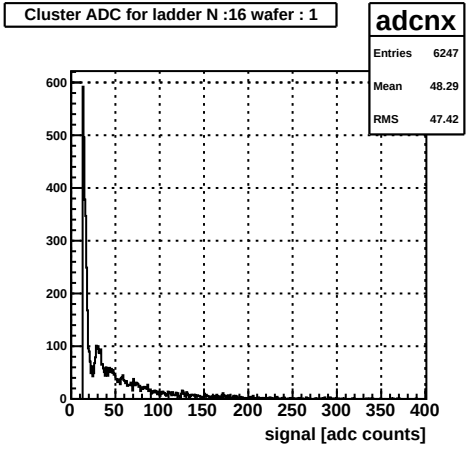

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 3550
Mean 40.11
RMS 45.48
signal [adc counts]

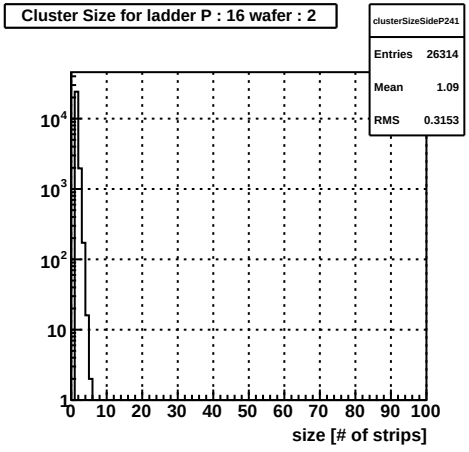

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 992
Mean 1.326
RMS 0.6459
size [# of strips]

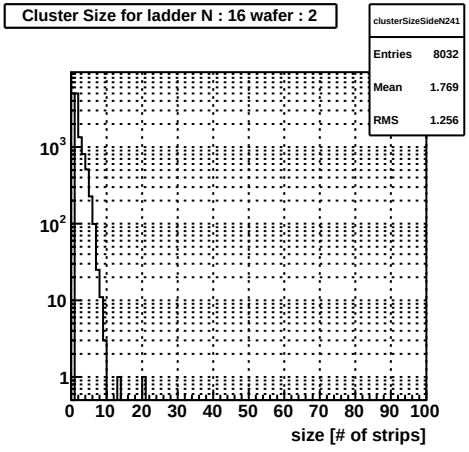

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 6247
Mean 2.241
RMS 1.619
size [# of strips]

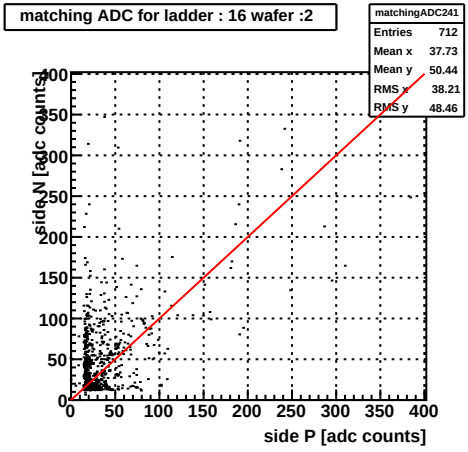

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 648
Mean x 99.49
Mean y 92.46
RMS x 66.33
RMS y 57.76
side N [adc counts]
side P [adc counts]

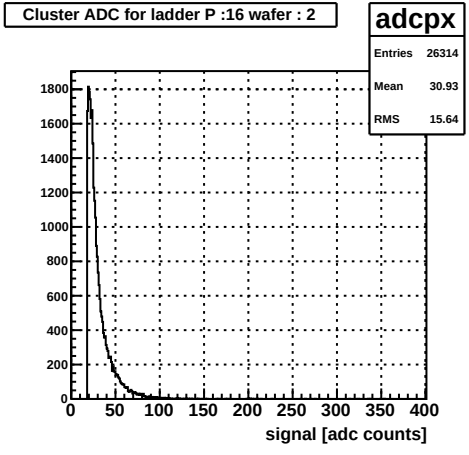

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 992
Mean 95.44
RMS 76.82
signal [adc counts]

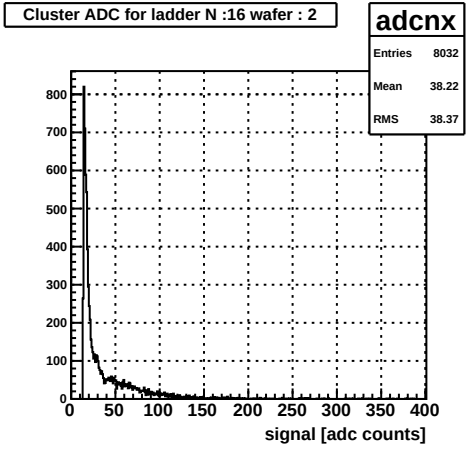

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 6247
Mean 48.29
RMS 47.42
signal [adc counts]

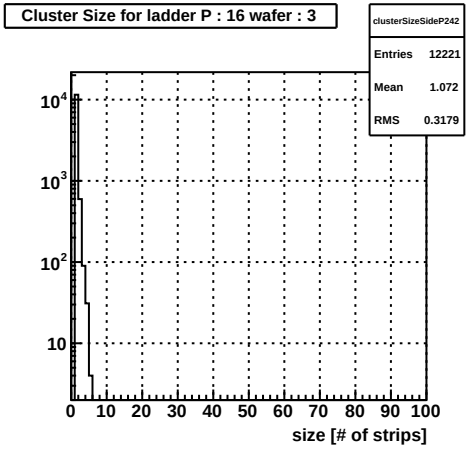

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 26314
Mean 1.09
RMS 0.3153
size [# of strips]

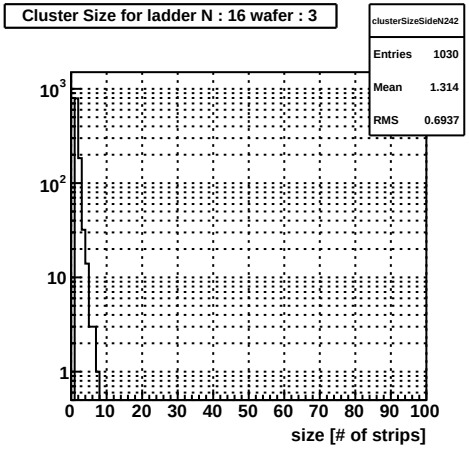

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 8032
Mean 1.769
RMS 1.256
size [# of strips]

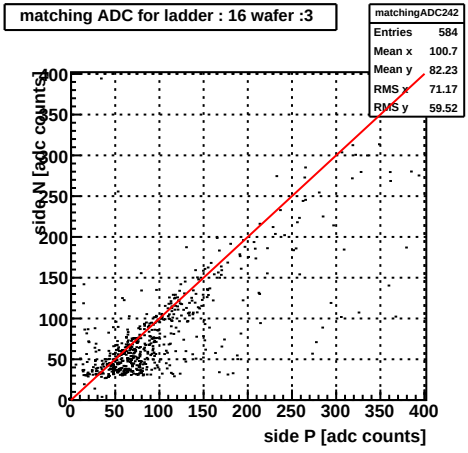

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 712
Mean x 37.73
Mean y 50.44
RMS x 38.21
RMS y 48.46
side N [adc counts]
side P [adc counts]

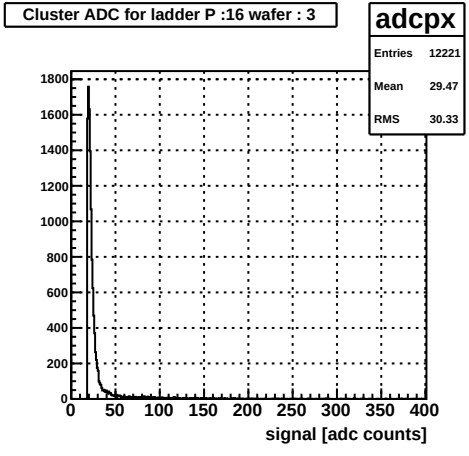

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 26314
Mean 30.93
RMS 15.64
signal [adc counts]

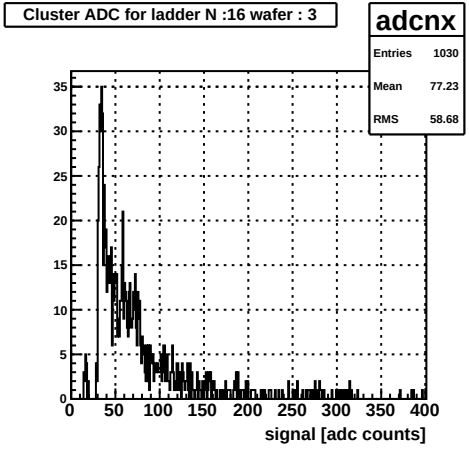

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 8032
Mean 38.22
RMS 38.37
signal [adc counts]

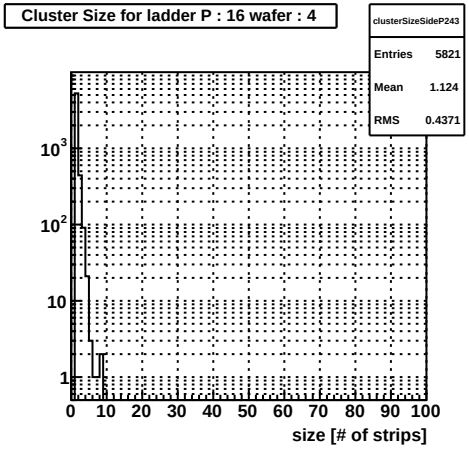

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 12221
Mean 1.072
RMS 0.3179
size [# of strips]

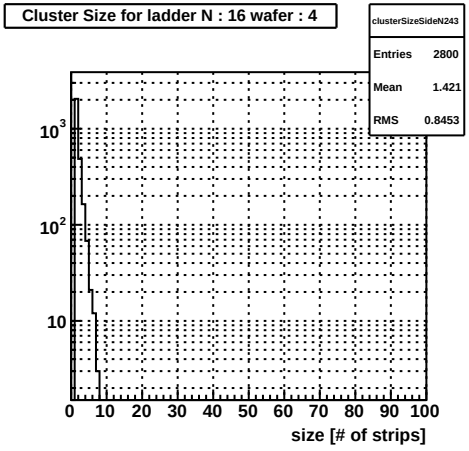

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 1030
Mean 1.314
RMS 0.6937
size [# of strips]

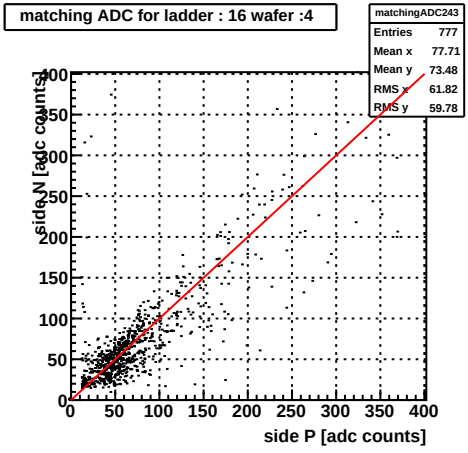

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 584
Mean x 100.7
Mean y 82.23
RMS x 71.17
RMS y 59.52
side N [adc counts]
side P [adc counts]

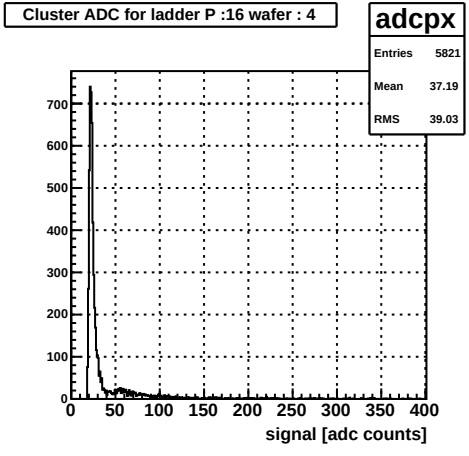

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 12221
Mean 29.47
RMS 30.33
signal [adc counts]

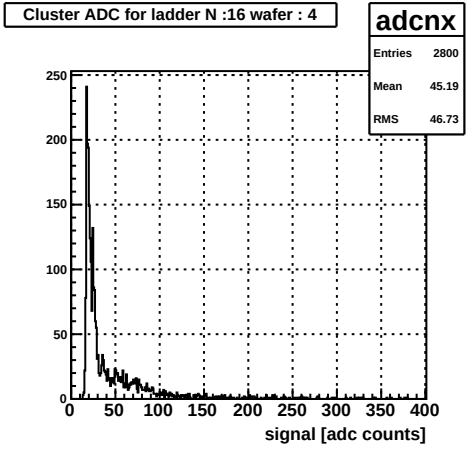

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 1030
Mean 77.23
RMS 58.68
signal [adc counts]

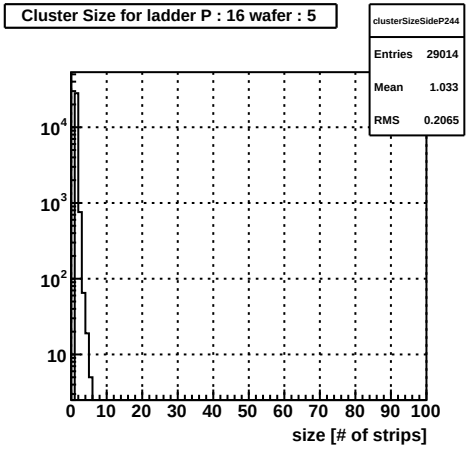

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 5821
Mean 1.124
RMS 0.4371
size [# of strips]

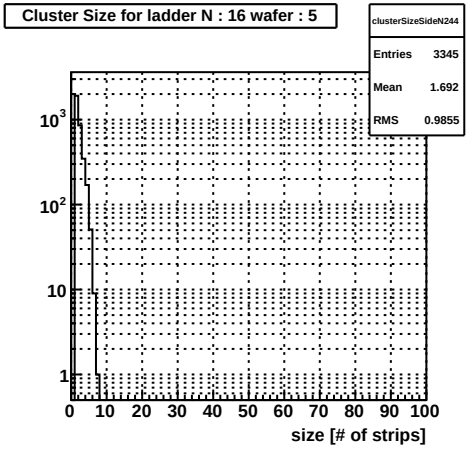

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 2800
Mean 1.421
RMS 0.8453
size [# of strips]

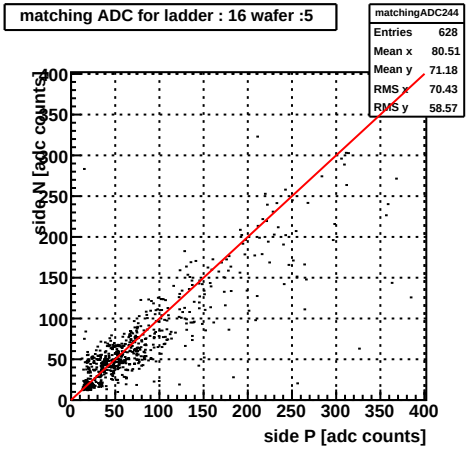

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 777
Mean x 77.71
Mean y 73.48
RMS x 61.82
RMS y 59.78
side N [adc counts]
side P [adc counts]

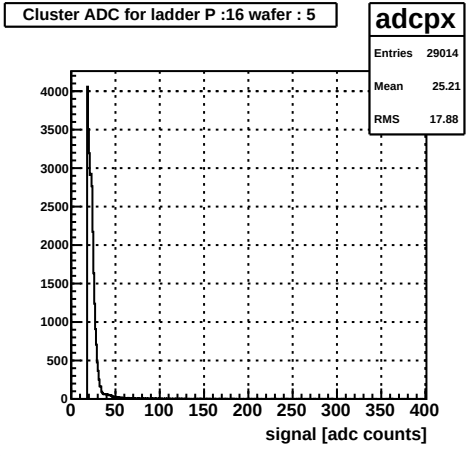

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 5821
Mean 37.19
RMS 39.03
signal [adc counts]

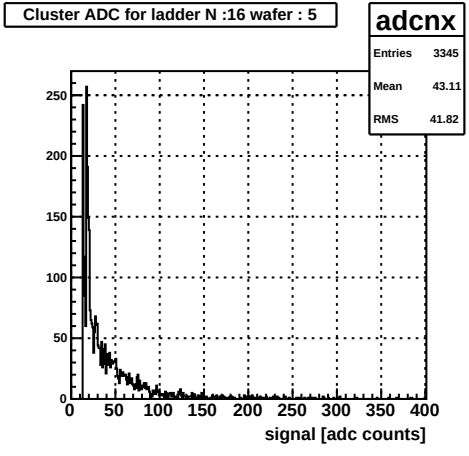

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 2800
Mean 45.19
RMS 46.73
signal [adc counts]

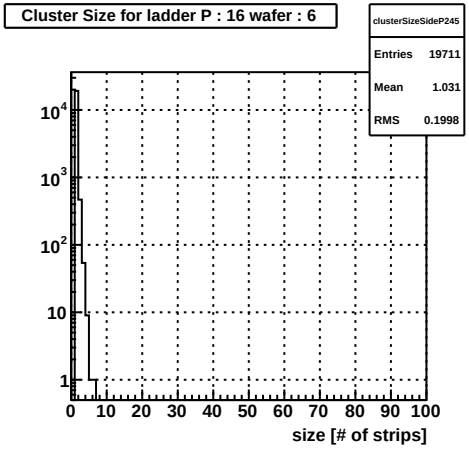

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 29014
Mean 1.033
RMS 0.2065
size [# of strips]

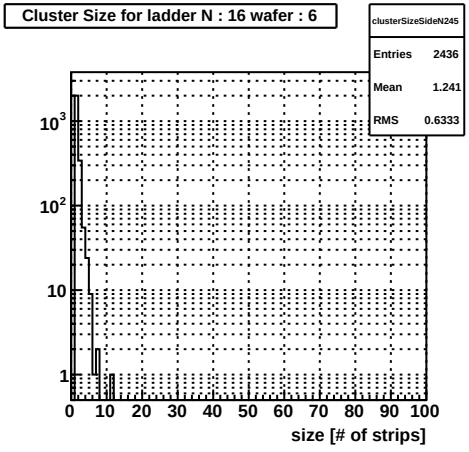

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 3345
Mean 1.692
RMS 0.9855
size [# of strips]

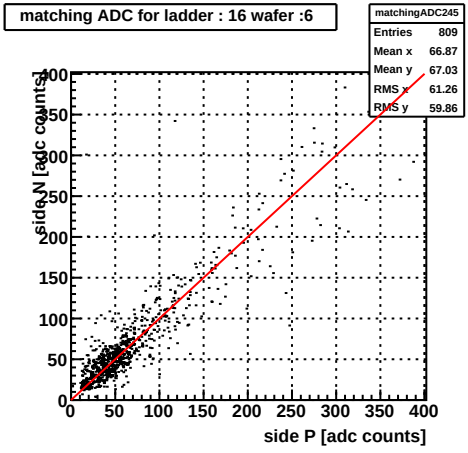

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 628
Mean x 80.51
Mean y 71.18
RMS x 70.43
RMS y 58.57
side N [adc counts]
side P [adc counts]

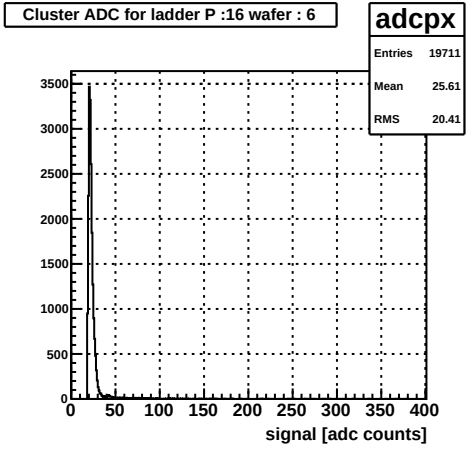

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 29014
Mean 25.21
RMS 17.88
signal [adc counts]

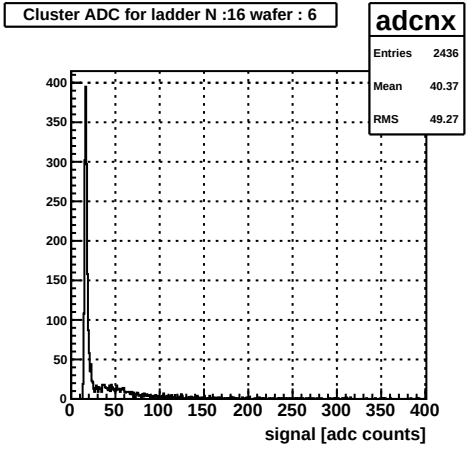

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 3345
Mean 43.11
RMS 41.82
signal [adc counts]

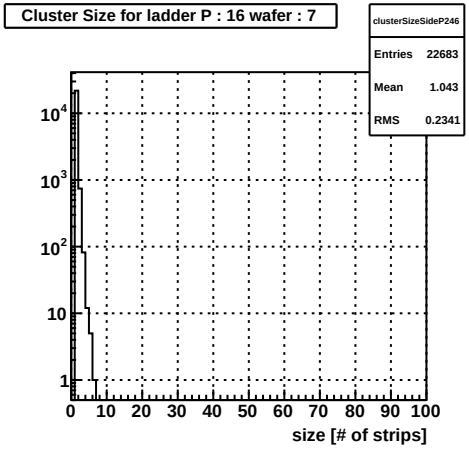

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 19711
Mean 1.031
RMS 0.1998
size [# of strips]

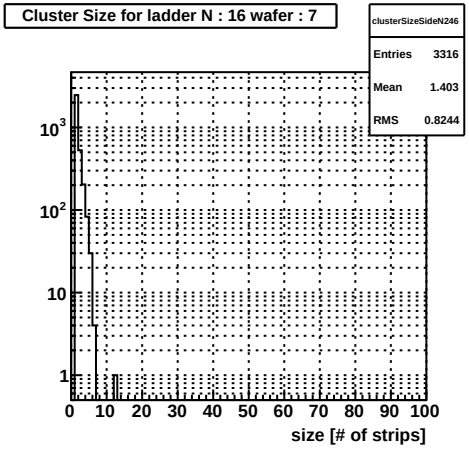

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 2436
Mean 1.241
RMS 0.6333
size [# of strips]

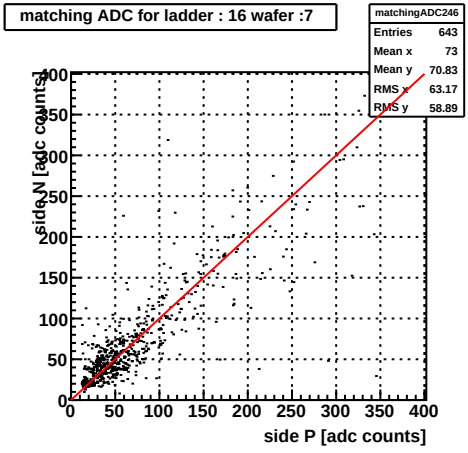

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 809
Mean x 66.87
Mean y 67.03
RMS x 61.26
RMS y 59.86
side N [adc counts]
side P [adc counts]

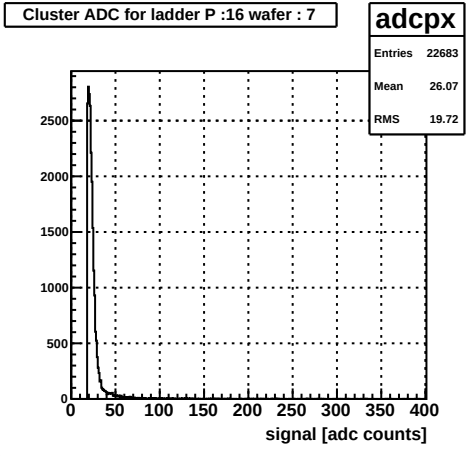

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 19711
Mean 25.61
RMS 20.41
signal [adc counts]

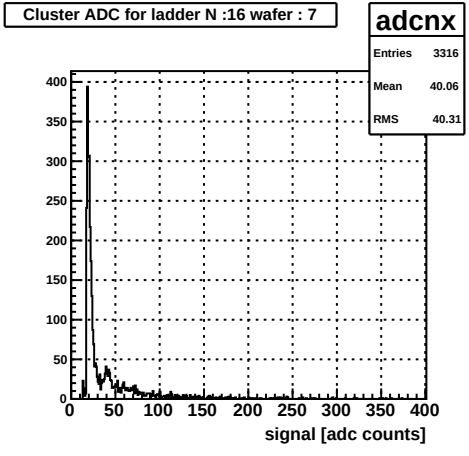

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 2436
Mean 40.37
RMS 49.27
signal [adc counts]

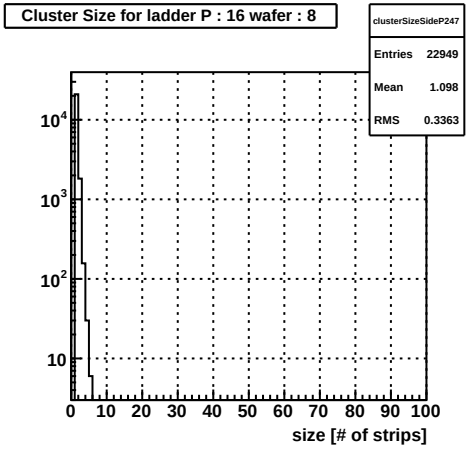

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 22683
Mean 1.043
RMS 0.2341
size [# of strips]

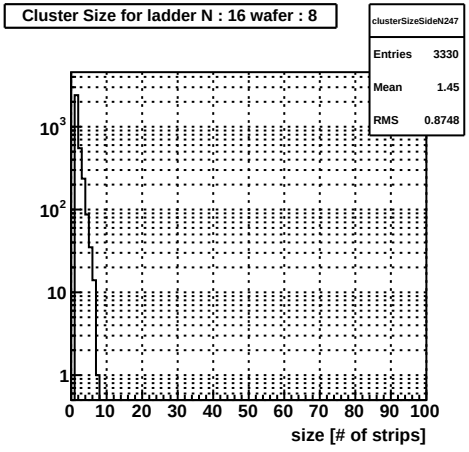

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 3316
Mean 1.403
RMS 0.8244
size [# of strips]

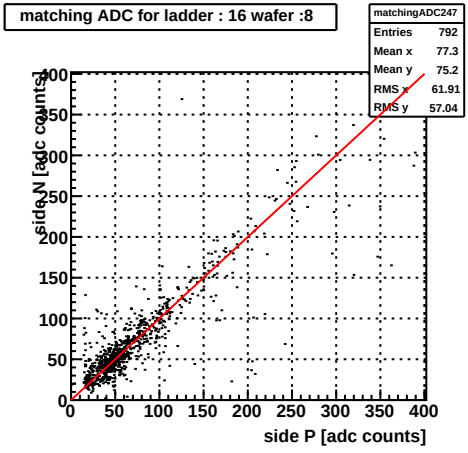

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 643
Mean x 73
Mean y 70.83
RMS x 63.17
RMS y 58.89
side N [adc counts]
side P [adc counts]

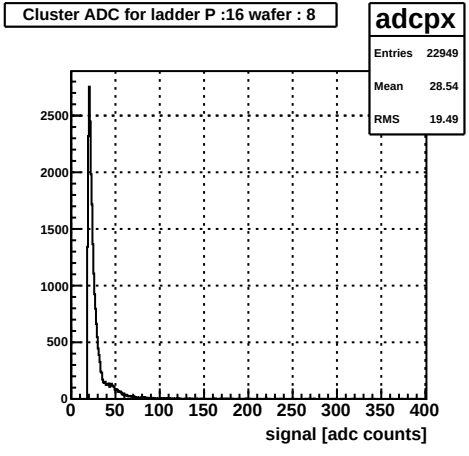

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 22683
Mean 26.07
RMS 19.72
signal [adc counts]

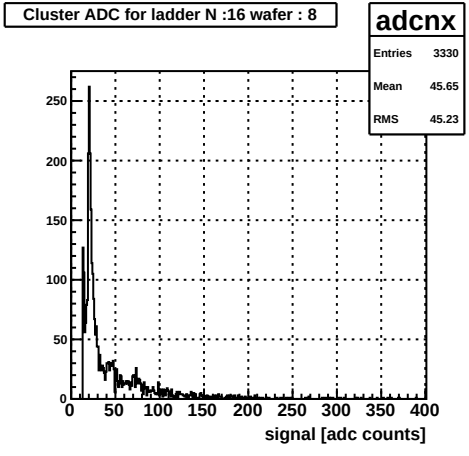

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 3316
Mean 40.06
RMS 40.31
signal [adc counts]

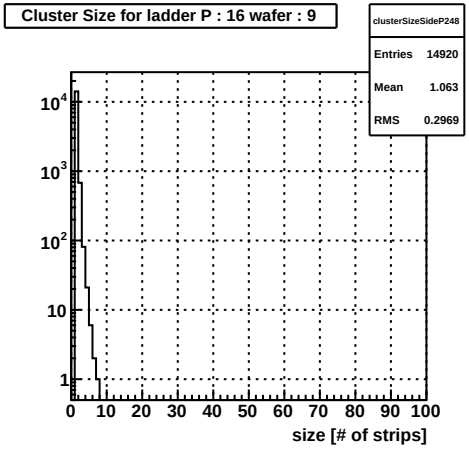

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 22949
Mean 1.098
RMS 0.3363
size [# of strips]

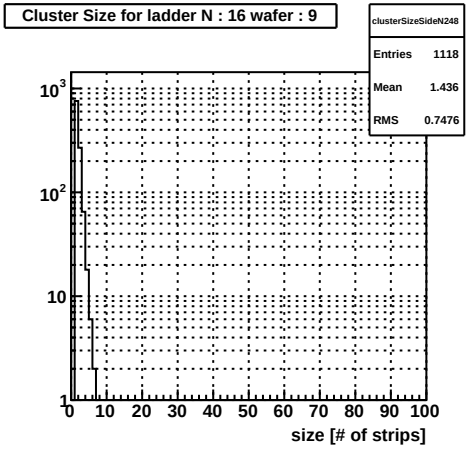

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 3330
Mean 1.45
RMS 0.8748
size [# of strips]

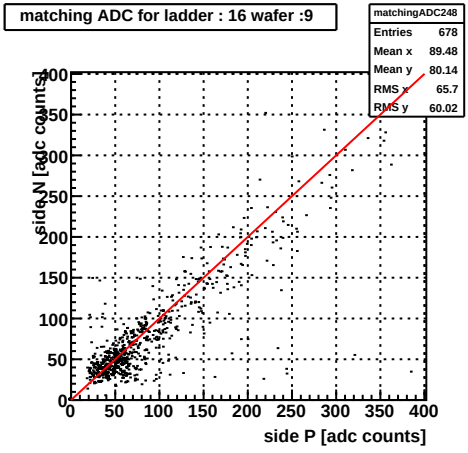

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 792
Mean x 77.3
Mean y 75.2
RMS x 61.91
RMS y 57.04
side N [adc counts]
side P [adc counts]

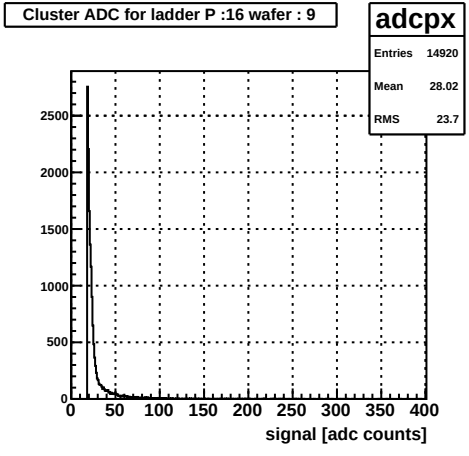

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 22949
Mean 28.54
RMS 19.49
signal [adc counts]

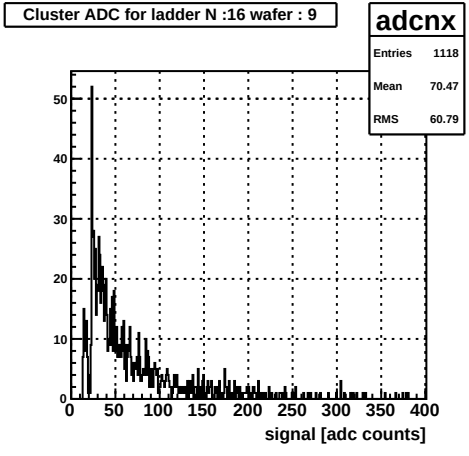

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 3330
Mean 45.65
RMS 45.23
signal [adc counts]

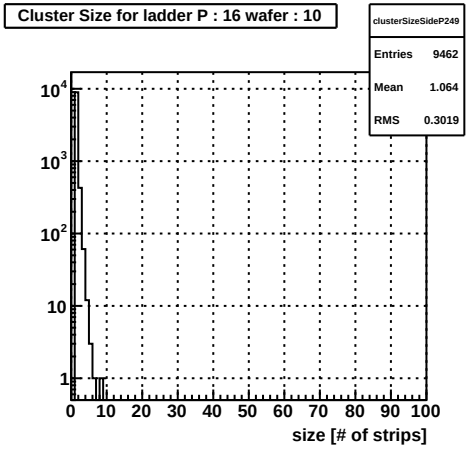

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 14920
Mean 1.063
RMS 0.2969
size [# of strips]

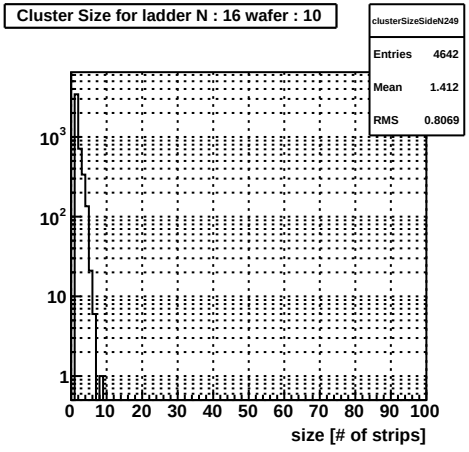

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 1118
Mean 1.436
RMS 0.7476
size [# of strips]

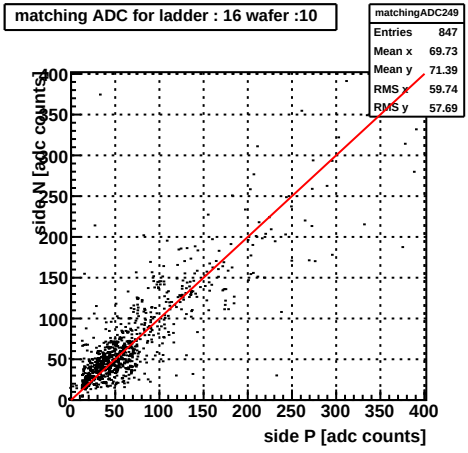

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 678
Mean x 89.48
Mean y 80.14
RMS x 65.7
RMS y 60.02
side N [adc counts]
side P [adc counts]

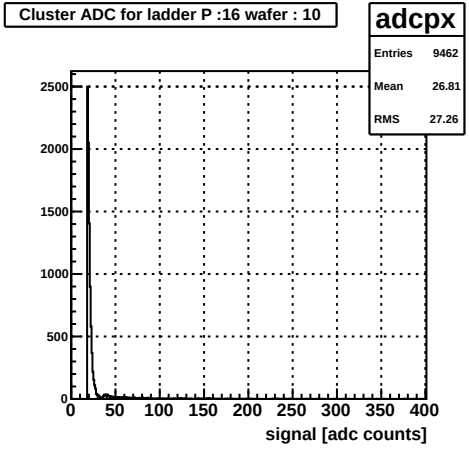

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 14920
Mean 28.02
RMS 23.7
signal [adc counts]

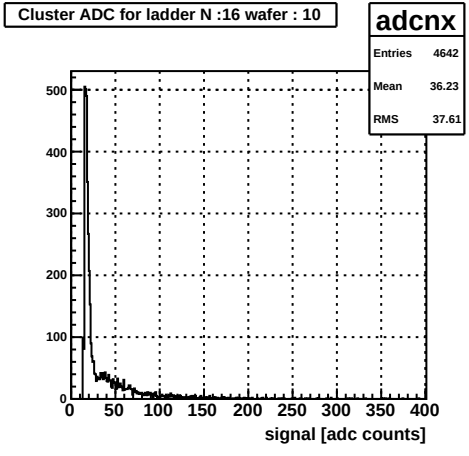

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 1118
Mean 70.47
RMS 60.79
signal [adc counts]

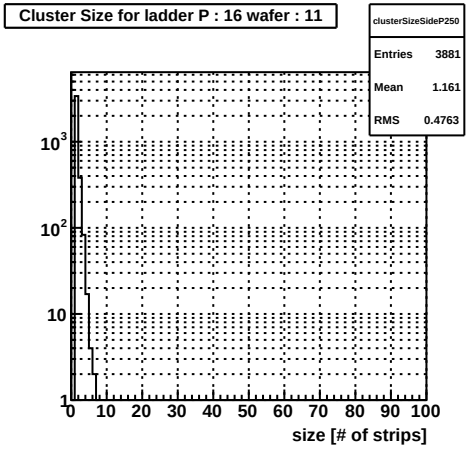

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 9462
Mean 1.064
RMS 0.3019
size [# of strips]

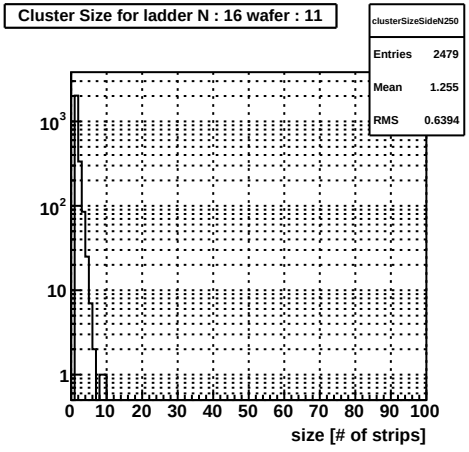

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 4642
Mean 1.412
RMS 0.8069
size [# of strips]

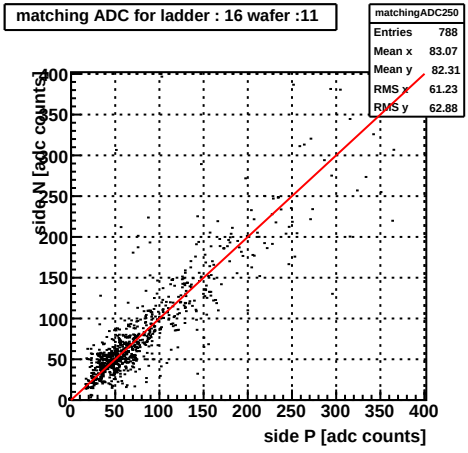

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 847
Mean x 69.73
Mean y 71.39
RMS x 59.74
RMS y 57.69
side N [adc counts]
side P [adc counts]

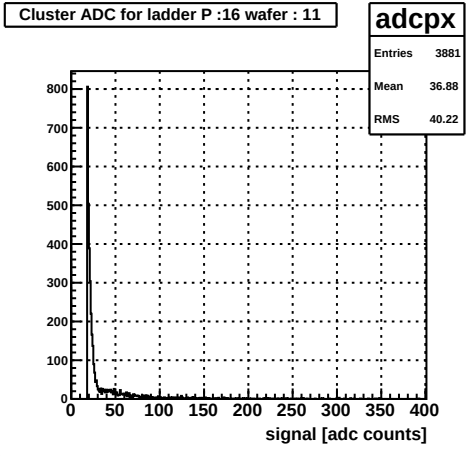

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 9462
Mean 26.81
RMS 27.26
signal [adc counts]

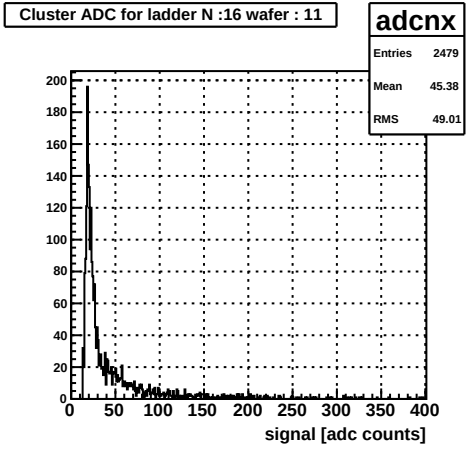

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 4642
Mean 36.23
RMS 37.61
signal [adc counts]

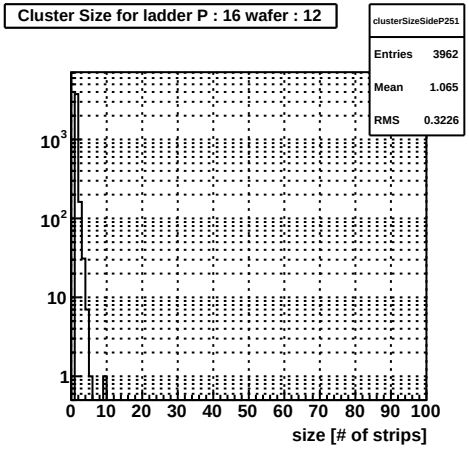

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 3881
Mean 1.161
RMS 0.4763
size [# of strips]

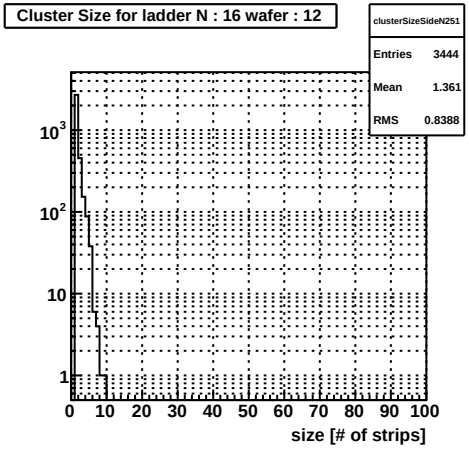

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 2479
Mean 1.255
RMS 0.6394
size [# of strips]

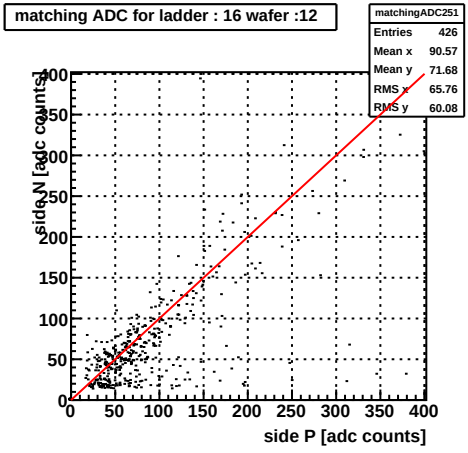

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 788
Mean x 83.07
Mean y 82.31
RMS x 61.23
RMS y 62.88
side N [adc counts]
side P [adc counts]

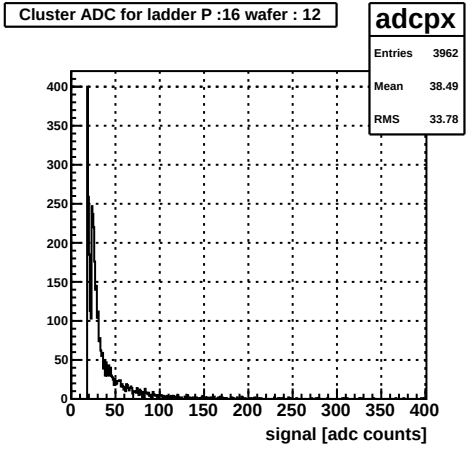

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 3881
Mean 36.88
RMS 40.22
signal [adc counts]

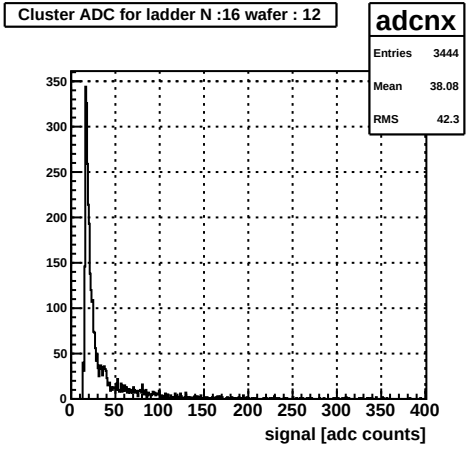

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 2479
Mean 45.38
RMS 49.01
signal [adc counts]

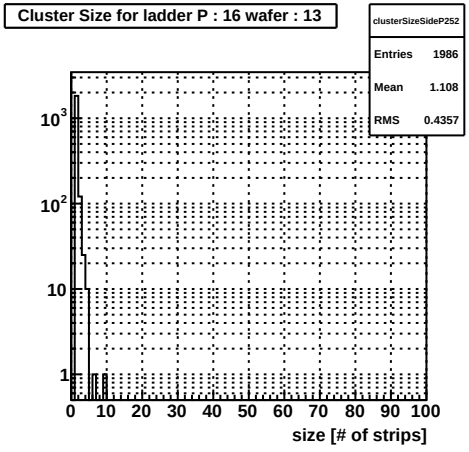

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 3962
Mean 1.065
RMS 0.3226
size [# of strips]

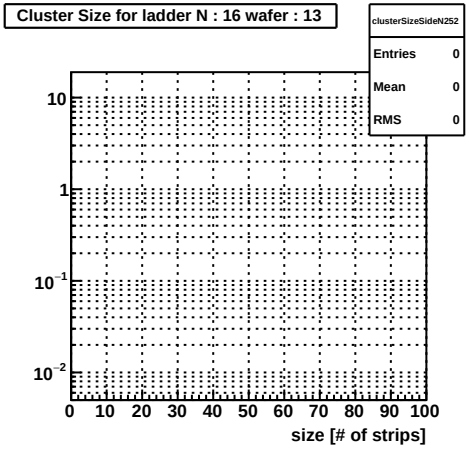

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 3444
Mean 1.361
RMS 0.8388
size [# of strips]

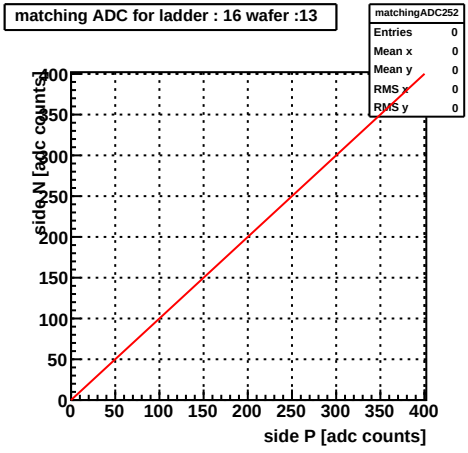

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 426
Mean x 90.57
Mean y 71.68
RMS x 65.76
RMS y 60.08
side N [adc counts]
side P [adc counts]

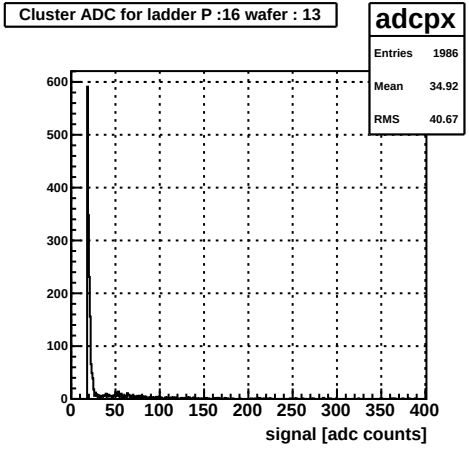

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 3962
Mean 38.49
RMS 33.78
signal [adc counts]

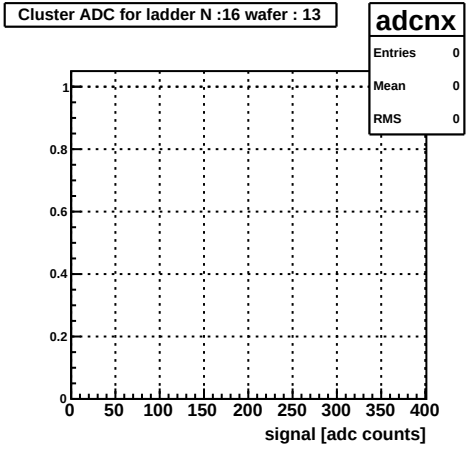

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 3444
Mean 38.08
RMS 42.3
signal [adc counts]

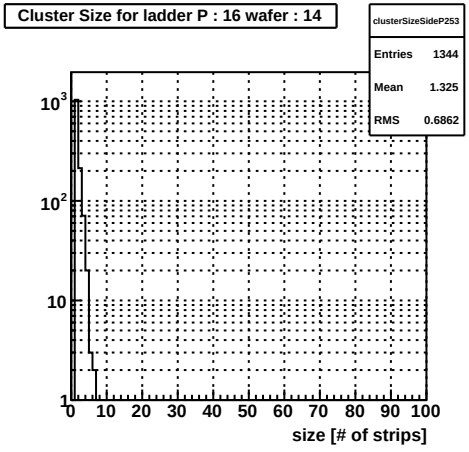

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 1986
Mean 1.108
RMS 0.4357
size [# of strips]

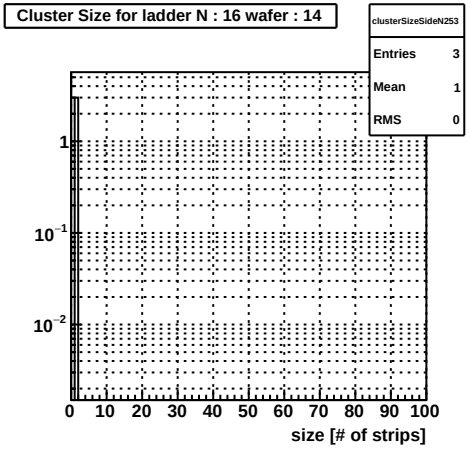

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

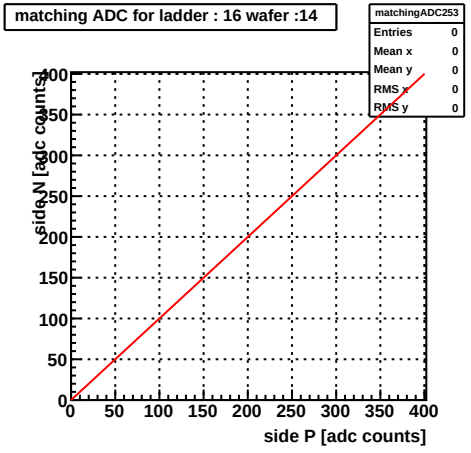

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

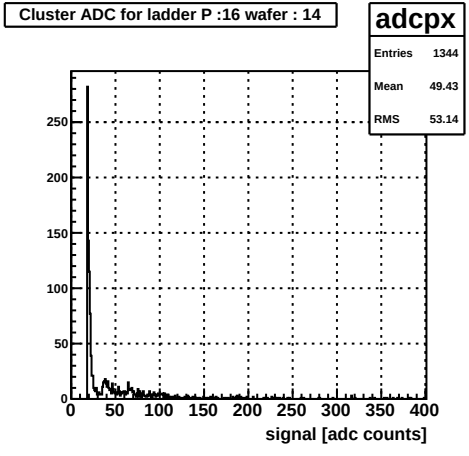

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 1986
Mean 34.92
RMS 40.67
signal [adc counts]

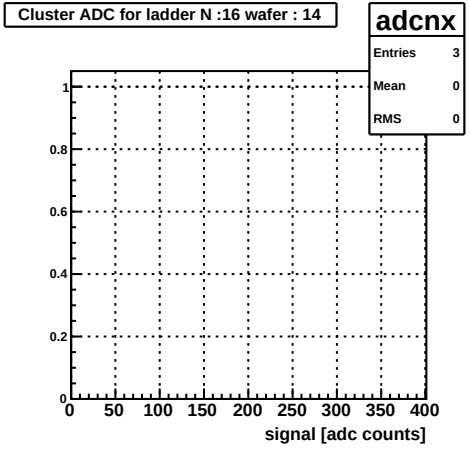

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

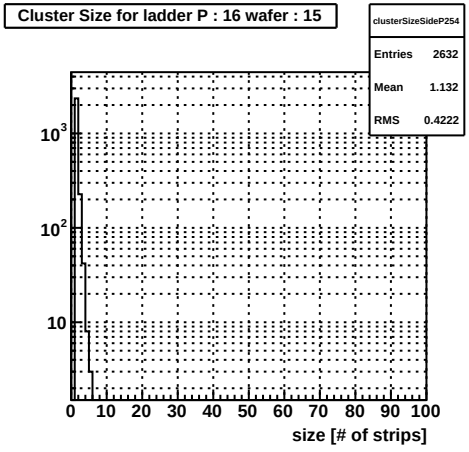

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 1344
Mean 1.325
RMS 0.6862
size [# of strips]

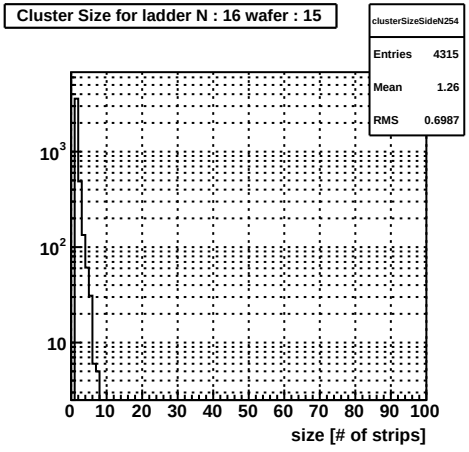

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 3
Mean 1
RMS 0
size [# of strips]

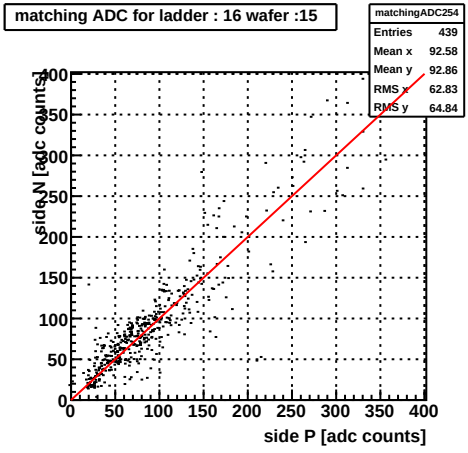

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

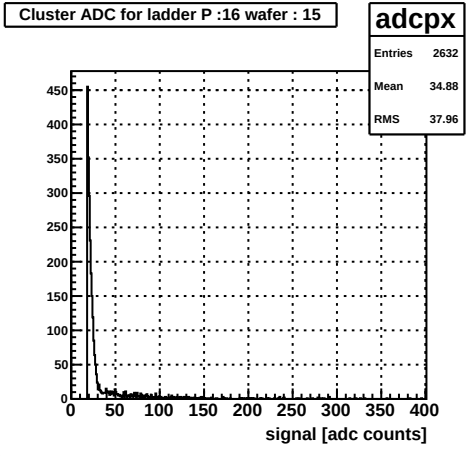

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 1344
Mean 49.43
RMS 53.14
signal [adc counts]

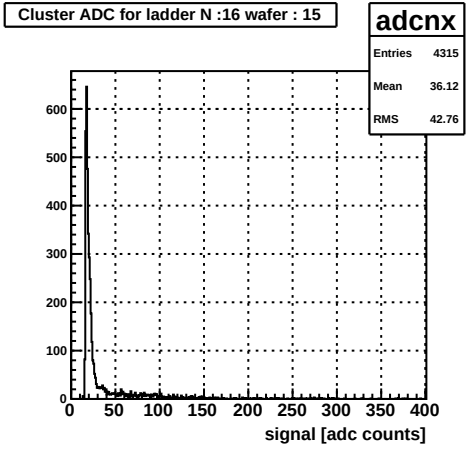

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 3
Mean 0
RMS 0
signal [adc counts]

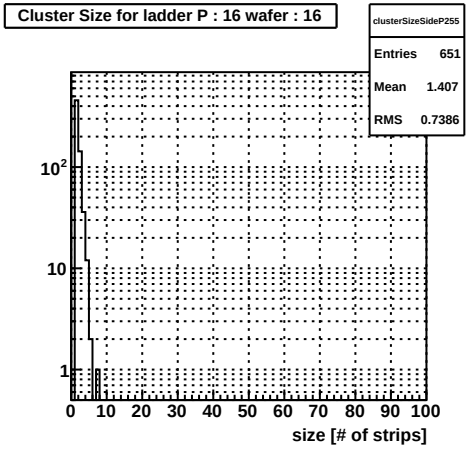

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 2632
Mean 1.132
RMS 0.4222
size [# of strips]

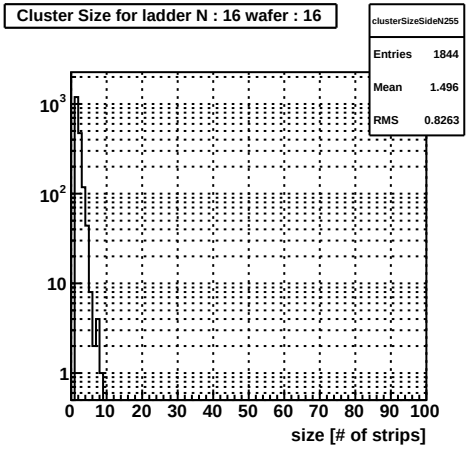

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 4315
Mean 1.26
RMS 0.6987
size [# of strips]

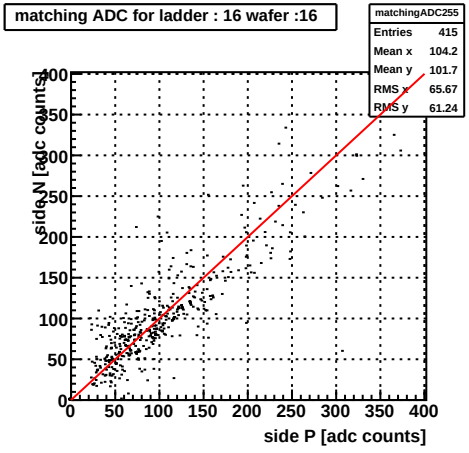

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 439
Mean x 92.58
Mean y 92.86
RMS x 62.83
RMS y 64.84
side N [adc counts]
side P [adc counts]

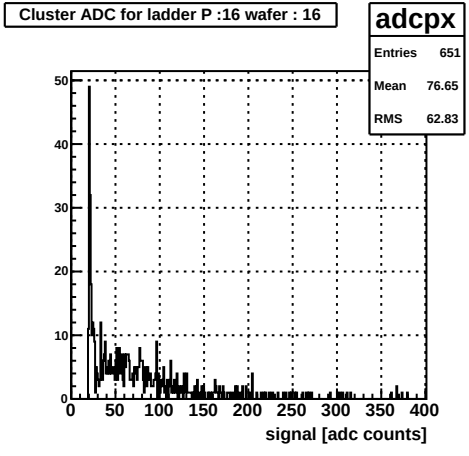

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 2632
Mean 34.88
RMS 37.96
signal [adc counts]

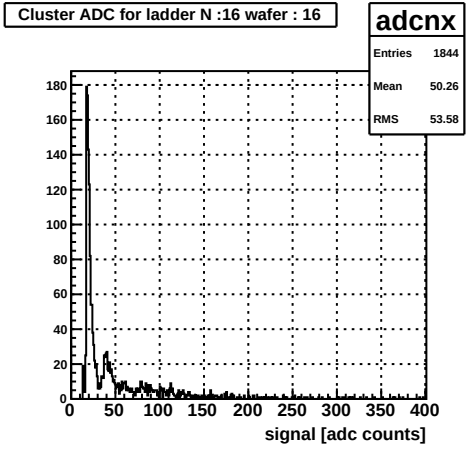

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 4315
Mean 36.12
RMS 42.76
signal [adc counts]

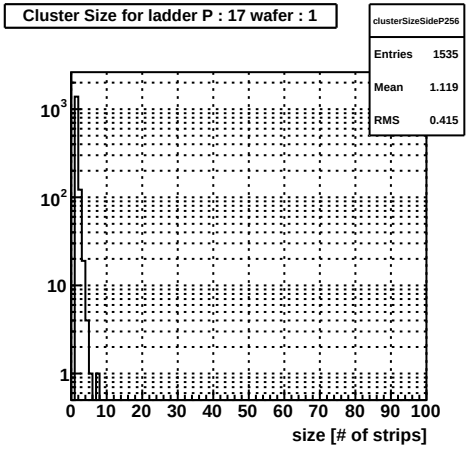

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 651
Mean 1.407
RMS 0.7386
size [# of strips]

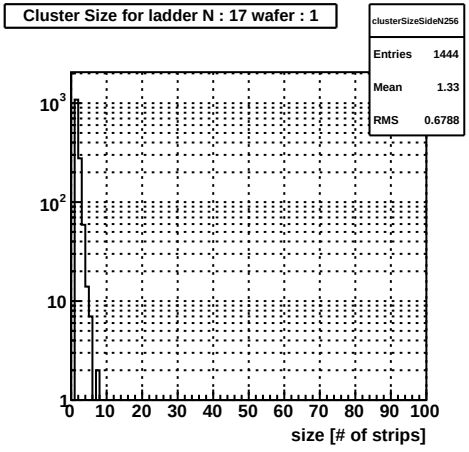

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 1844
Mean 1.496
RMS 0.8263
size [# of strips]

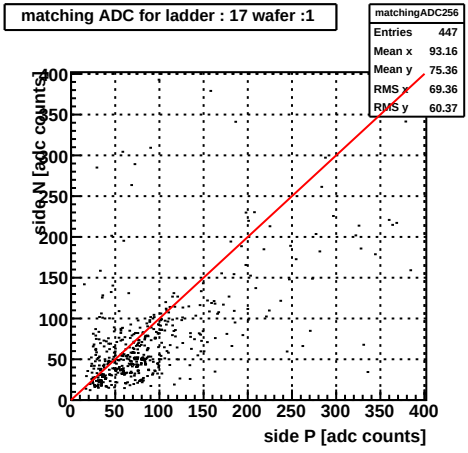

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 415
Mean x 104.2
Mean y 101.7
RMS x 65.67
RMS y 61.24
side N [adc counts]
side P [adc counts]

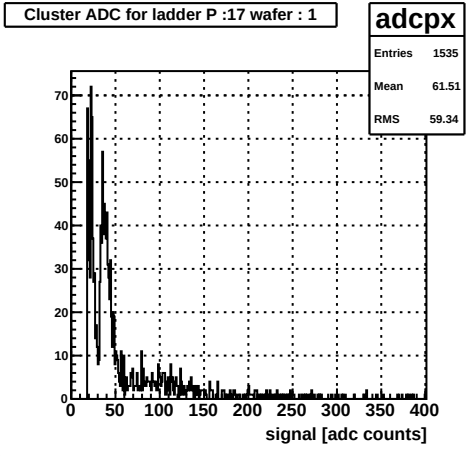

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 651
Mean 76.65
RMS 62.83
signal [adc counts]

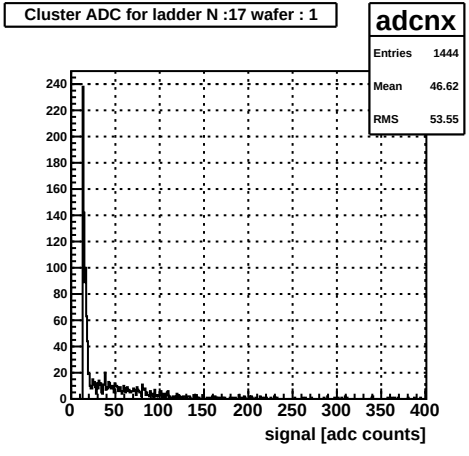

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 1844
Mean 50.26
RMS 53.58
signal [adc counts]

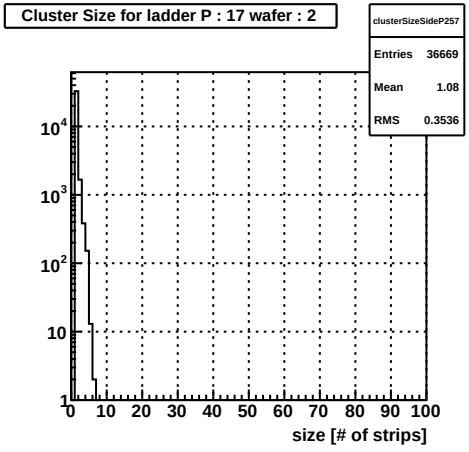

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 1535
Mean 1.119
RMS 0.415
size [# of strips]

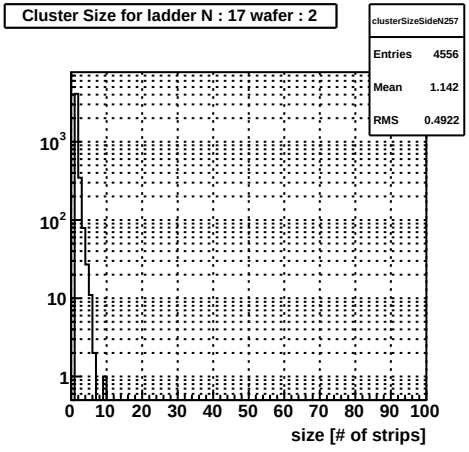

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 1444
Mean 1.33
RMS 0.6788
size [# of strips]

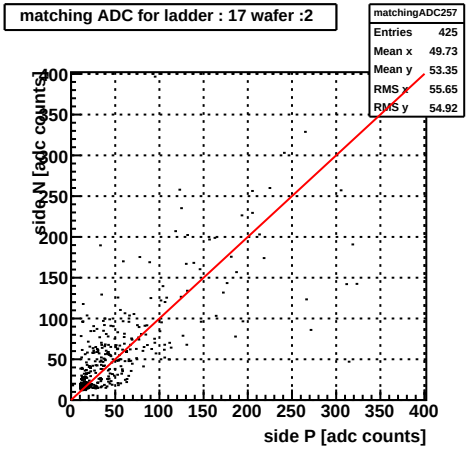

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 447
Mean x 93.16
Mean y 75.36
RMS x 69.36
RMS y 60.37
side N [adc counts]
side P [adc counts]

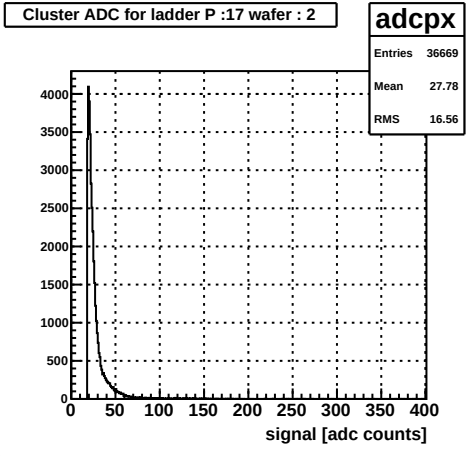

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 1535
Mean 61.51
RMS 59.34
signal [adc counts]

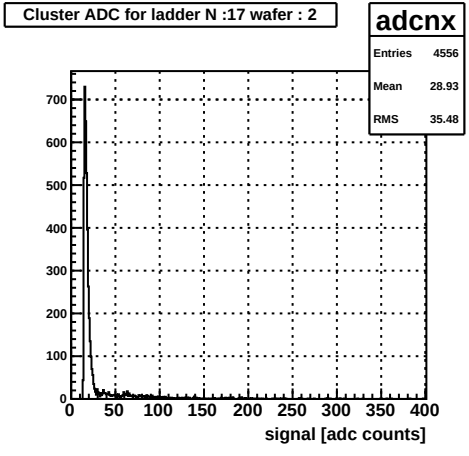

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 1444
Mean 46.62
RMS 53.55
signal [adc counts]

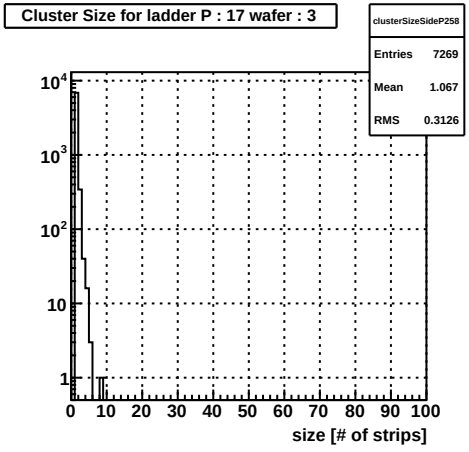

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 36669
Mean 1.08
RMS 0.3536
size [# of strips]

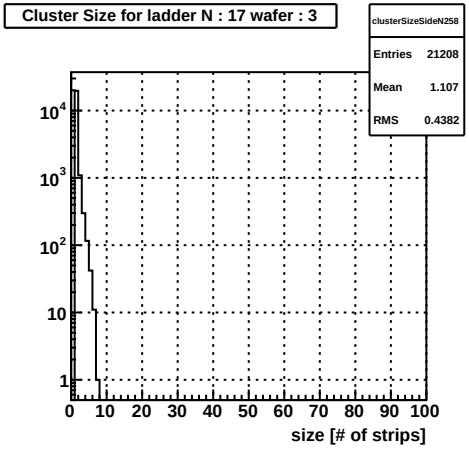

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 4556
Mean 1.142
RMS 0.4922
size [# of strips]

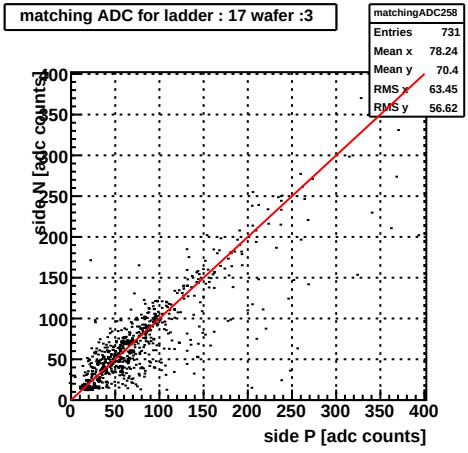

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 425
Mean x 49.73
Mean y 53.35
RMS x 55.65
RMS y 54.92
side N [adc counts]
side P [adc counts]

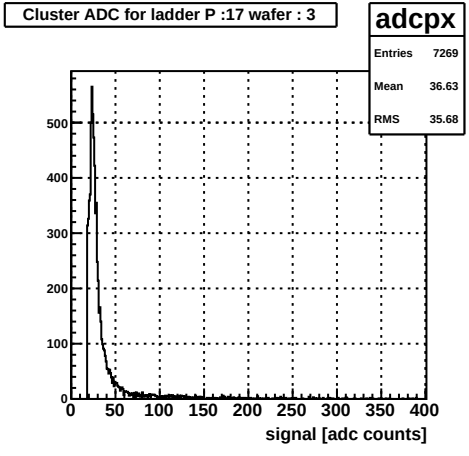

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 36669
Mean 27.78
RMS 16.56
signal [adc counts]

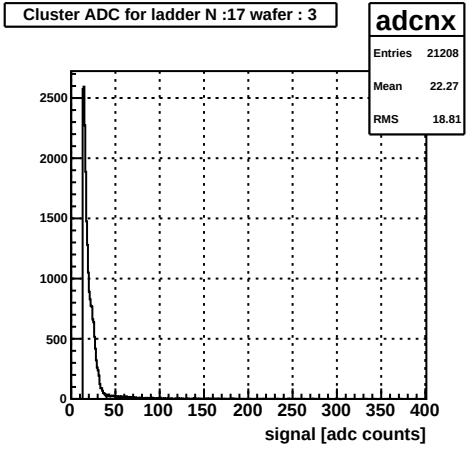

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 4556
Mean 28.93
RMS 35.48
signal [adc counts]

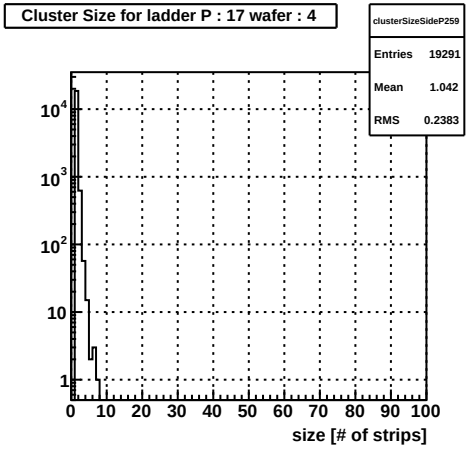

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 7269
Mean 1.067
RMS 0.3126
size [# of strips]

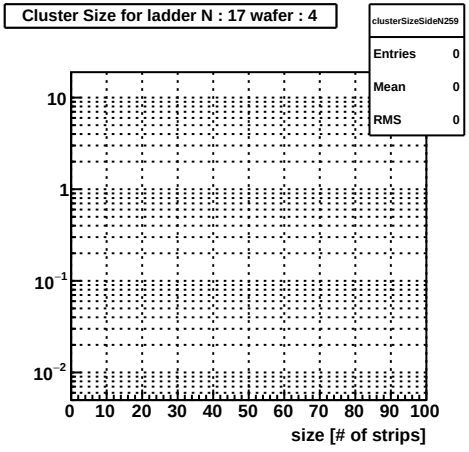

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 21208
Mean 1.107
RMS 0.4382
size [# of strips]

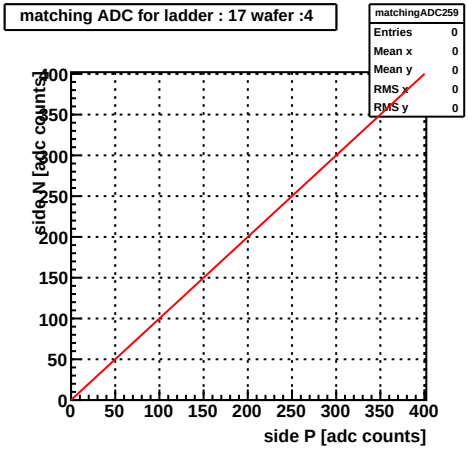

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 731
Mean x 78.24
Mean y 70.4
RMS x 63.45
RMS y 56.62
side N [adc counts]
side P [adc counts]

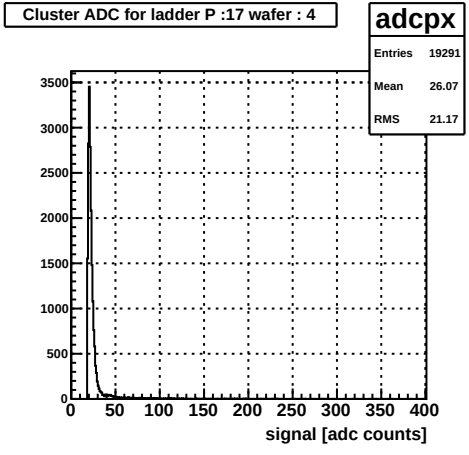

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 7269
Mean 36.63
RMS 35.68
signal [adc counts]

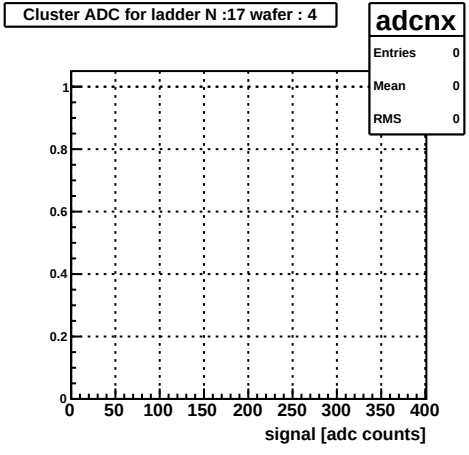

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 21208
Mean 22.27
RMS 18.81
signal [adc counts]

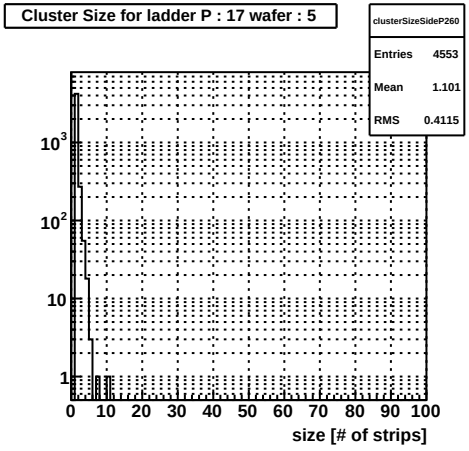

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 19291
Mean 1.042
RMS 0.2383
size [# of strips]

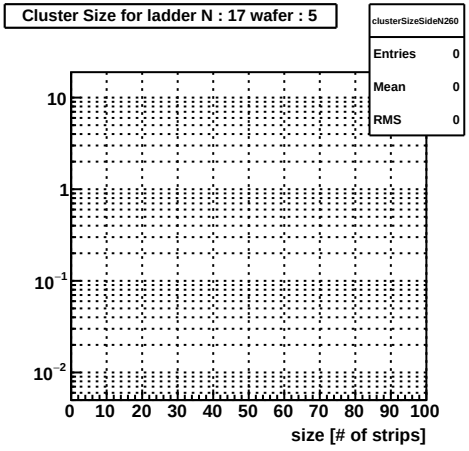

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

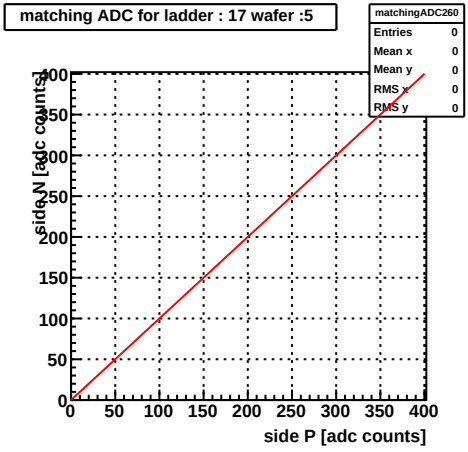

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

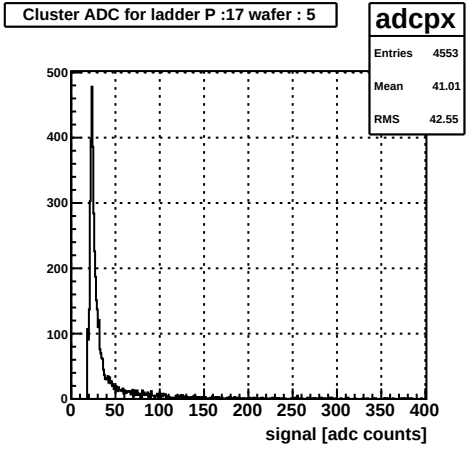

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 19291
Mean 26.07
RMS 21.17
signal [adc counts]

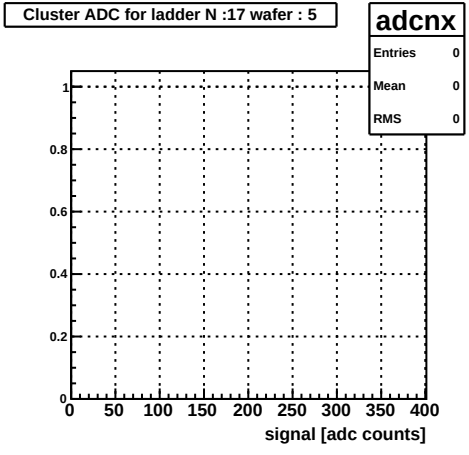

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

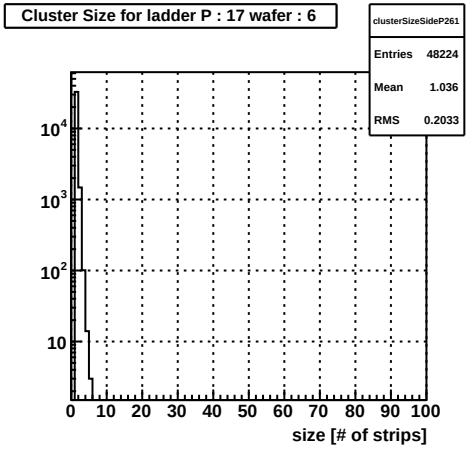

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 4553
Mean 1.101
RMS 0.4115
size [# of strips]

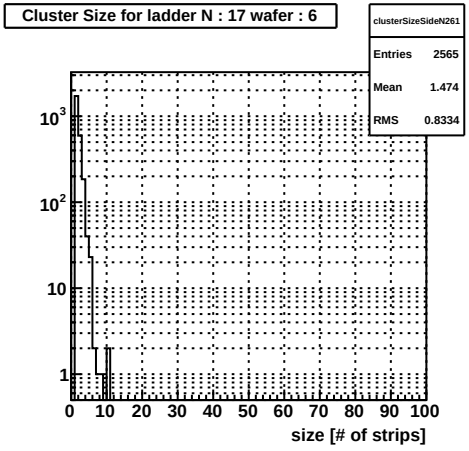

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

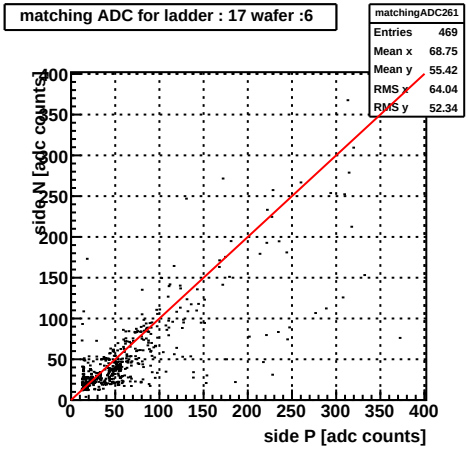

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

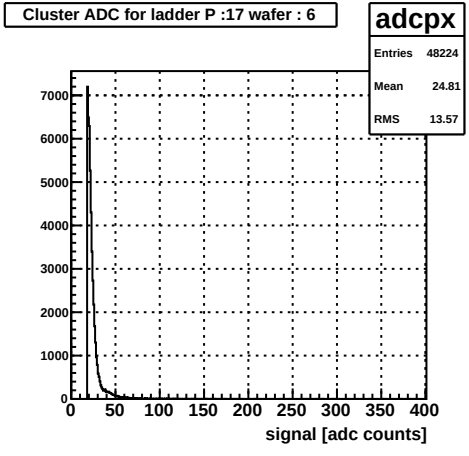

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 4553
Mean 41.01
RMS 42.55
signal [adc counts]

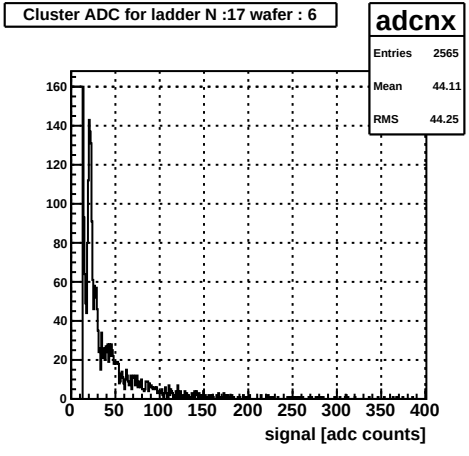

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

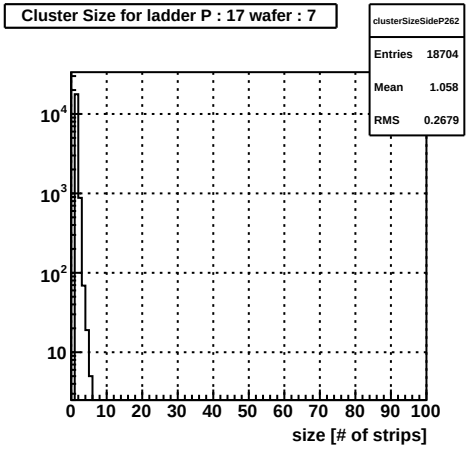

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 48224
Mean 1.036
RMS 0.2033
size [# of strips]

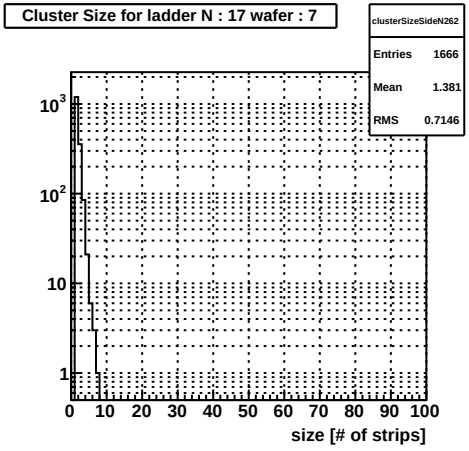

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 2565
Mean 1.474
RMS 0.8334
size [# of strips]

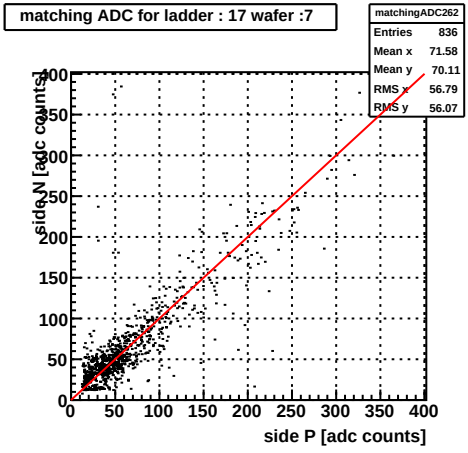

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 469
Mean x 68.75
Mean y 55.42
RMS x 64.04
RMS y 52.34
side N [adc counts]
side P [adc counts]

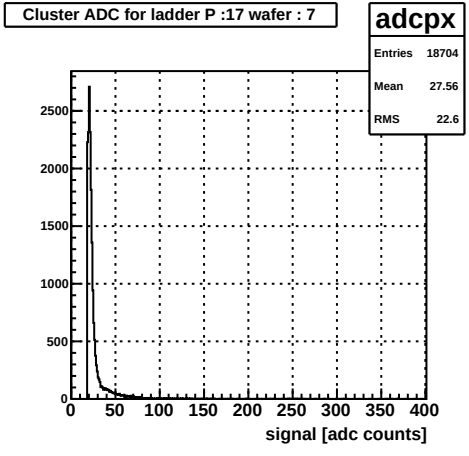

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 48224
Mean 24.81
RMS 13.57
signal [adc counts]

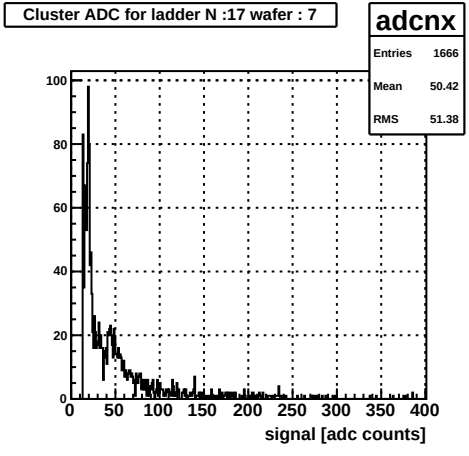

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 2565
Mean 44.11
RMS 44.25
signal [adc counts]

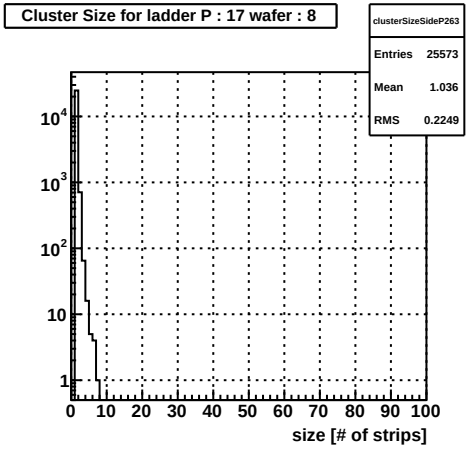

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 18704
Mean 1.058
RMS 0.2679
size [# of strips]

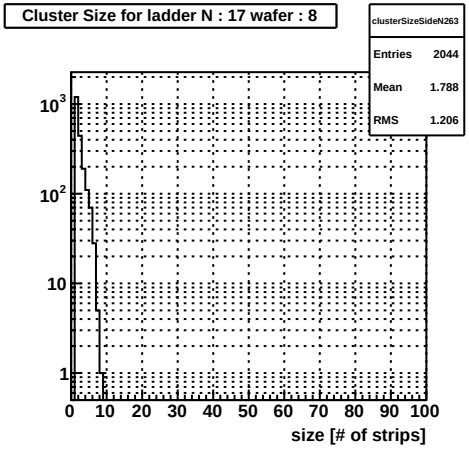

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 1666
Mean 1.381
RMS 0.7146
size [# of strips]

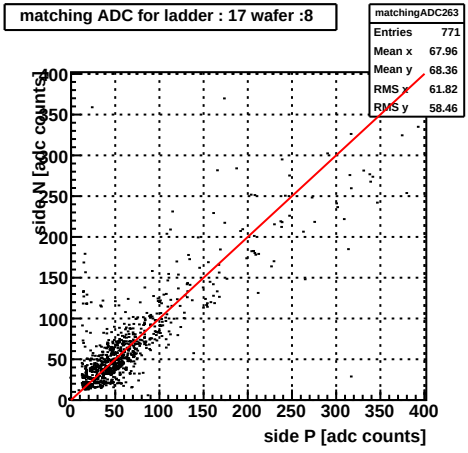

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 836
Mean x 71.58
Mean y 70.11
RMS x 56.79
RMS y 56.07
side N [adc counts]
side P [adc counts]

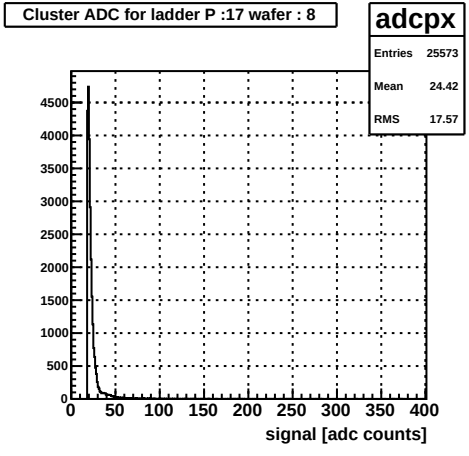

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 18704
Mean 27.56
RMS 22.6
signal [adc counts]

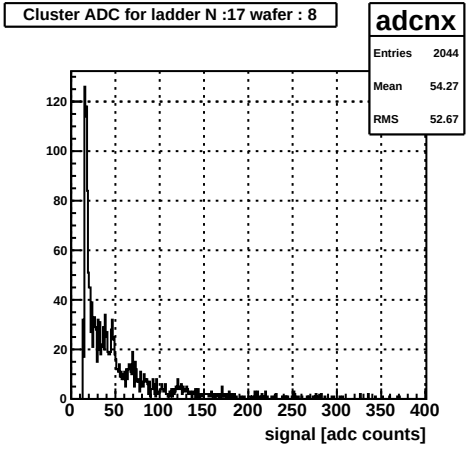

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 1666
Mean 50.42
RMS 51.38
signal [adc counts]

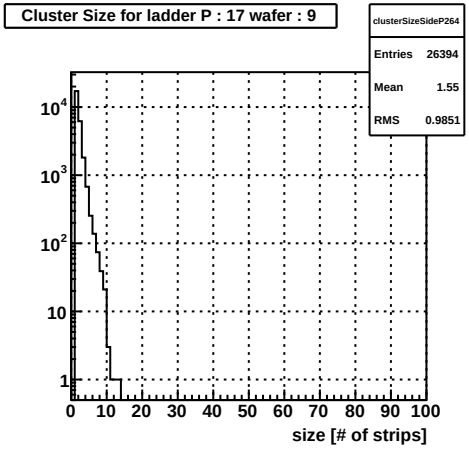

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 25573
Mean 1.036
RMS 0.2249
size [# of strips]

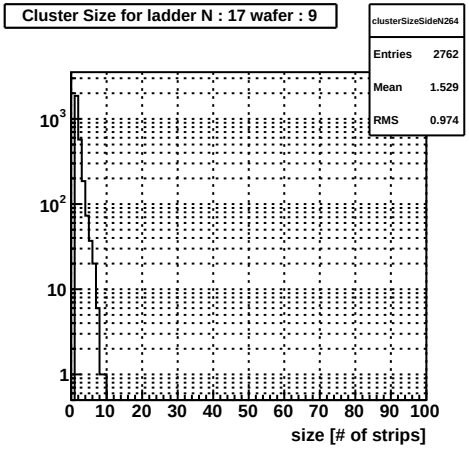

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 2044
Mean 1.788
RMS 1.206
size [# of strips]

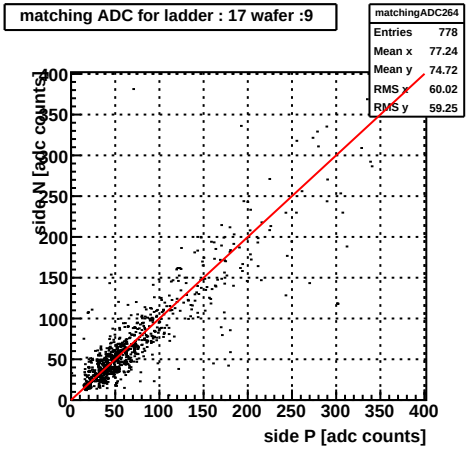

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 771
Mean x 67.96
Mean y 68.36
RMS x 61.82
RMS y 58.46
side N [adc counts]
side P [adc counts]

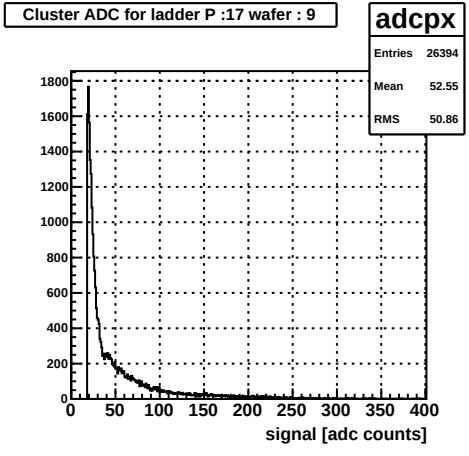

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 25573
Mean 24.42
RMS 17.57
signal [adc counts]

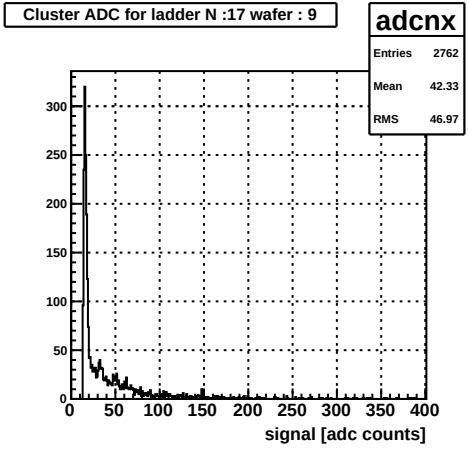

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 2044
Mean 54.27
RMS 52.67
signal [adc counts]

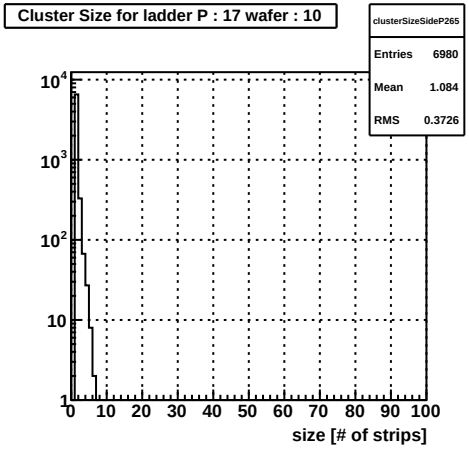

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 26394
Mean 1.55
RMS 0.9851
size [# of strips]

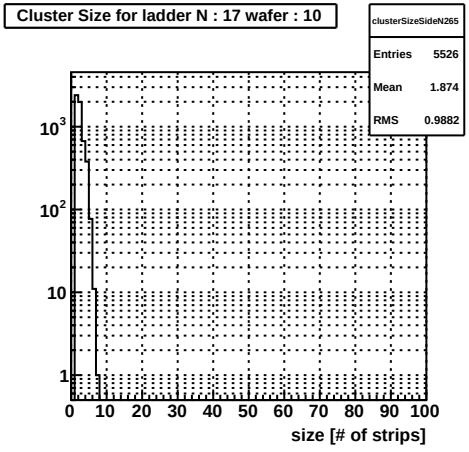

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 2762
Mean 1.529
RMS 0.974
size [# of strips]

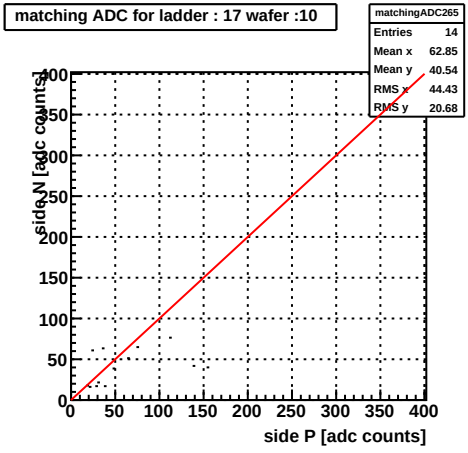

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 778
Mean x 77.24
Mean y 74.72
RMS x 60.02
RMS y 59.25
side N [adc counts]
side P [adc counts]

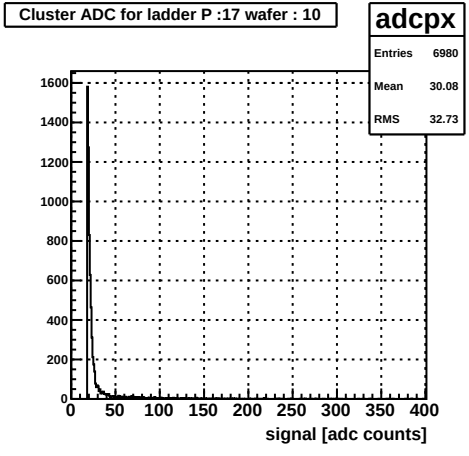

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 26394
Mean 52.55
RMS 50.86
signal [adc counts]

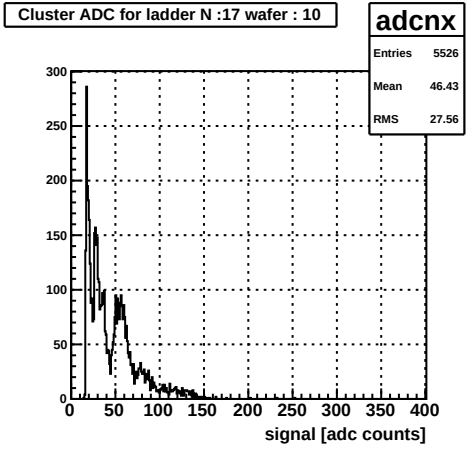

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 2762
Mean 42.33
RMS 46.97
signal [adc counts]

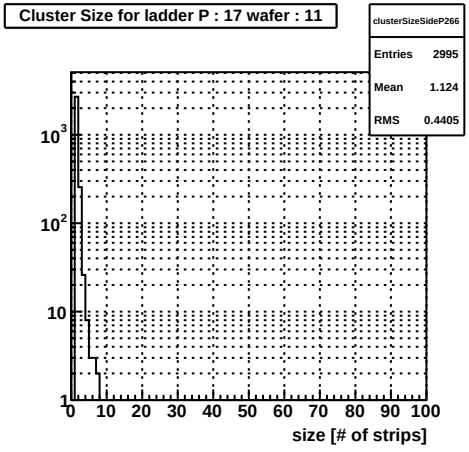

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 6980
Mean 1.084
RMS 0.3726
size [# of strips]

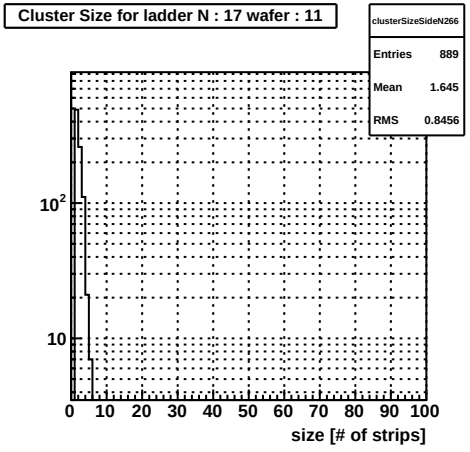

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 5526
Mean 1.874
RMS 0.9882
size [# of strips]

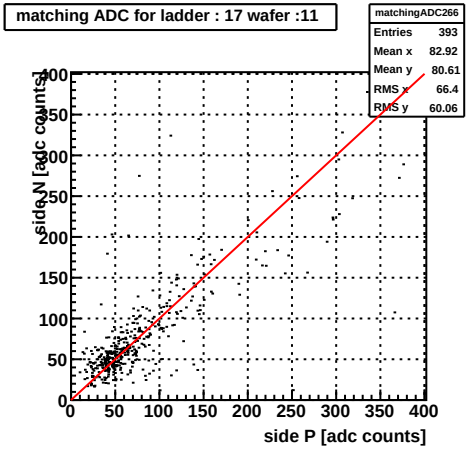

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 14
Mean x 62.85
Mean y 40.54
RMS x 44.43
RMS y 20.68
side N [adc counts]
side P [adc counts]

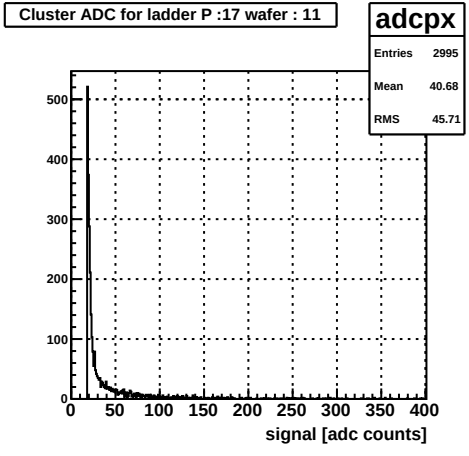

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 6980
Mean 30.08
RMS 32.73
signal [adc counts]

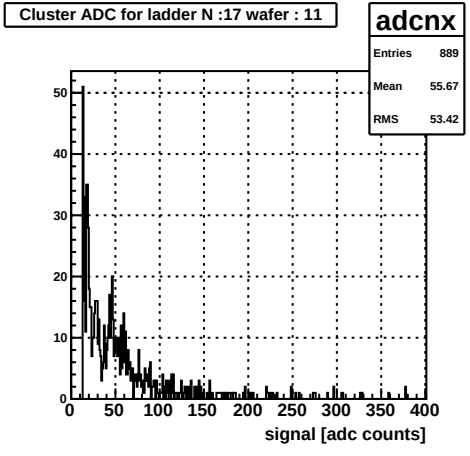

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 5526
Mean 46.43
RMS 27.56
signal [adc counts]

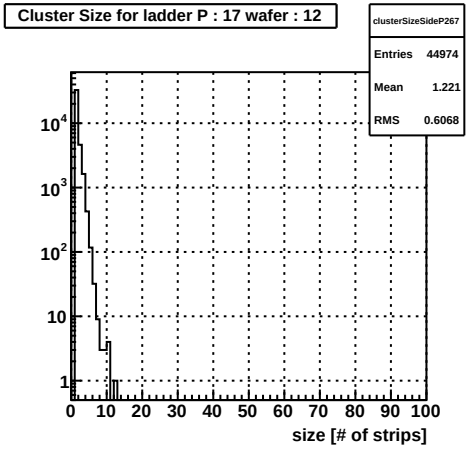

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 2995
Mean 1.124
RMS 0.4405
size [# of strips]

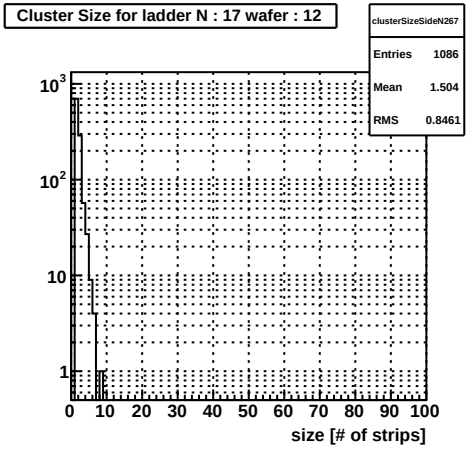

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 889
Mean 1.645
RMS 0.8456
size [# of strips]

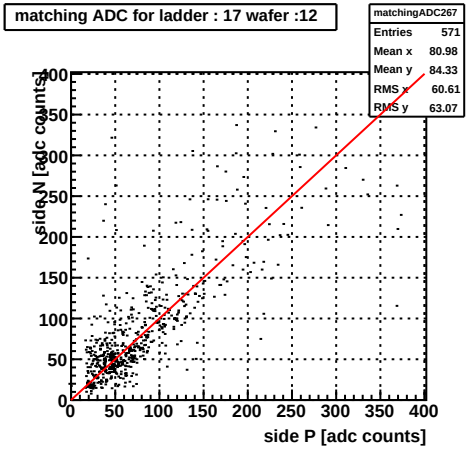

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 393
Mean x 82.92
Mean y 80.61
RMS x 66.4
RMS y 60.06
side N [adc counts]
side P [adc counts]

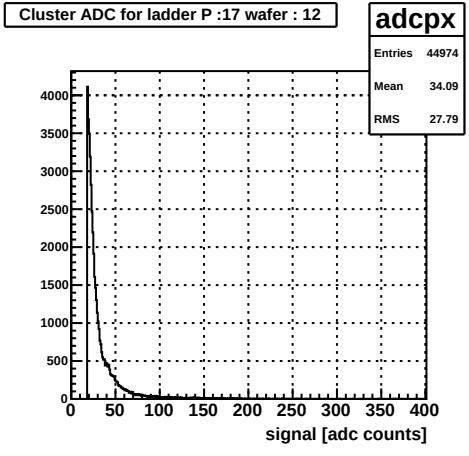

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 2995
Mean 40.68
RMS 45.71
signal [adc counts]

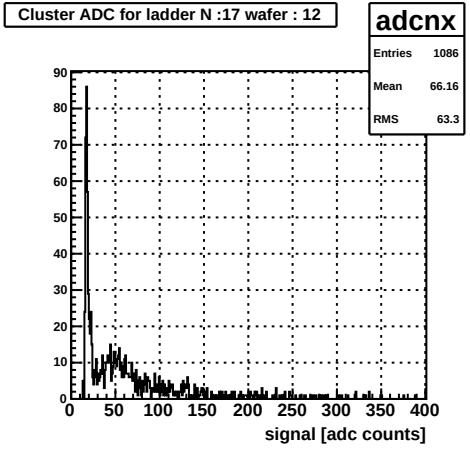

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 889
Mean 55.67
RMS 53.42
signal [adc counts]

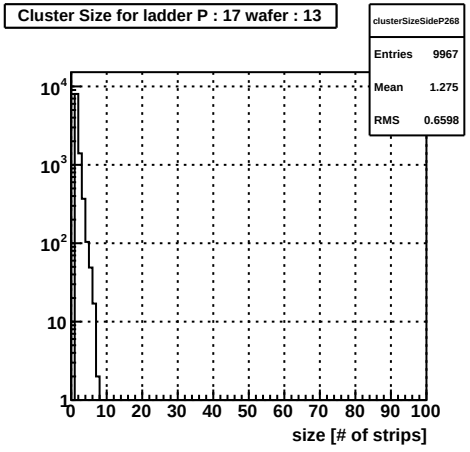

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 44974
Mean 1.221
RMS 0.6068
size [# of strips]

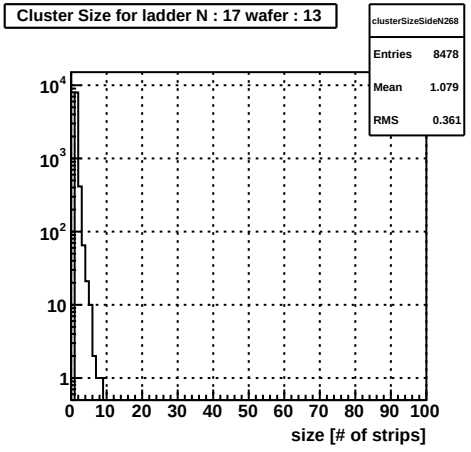

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 1086
Mean 1.504
RMS 0.8461
size [# of strips]

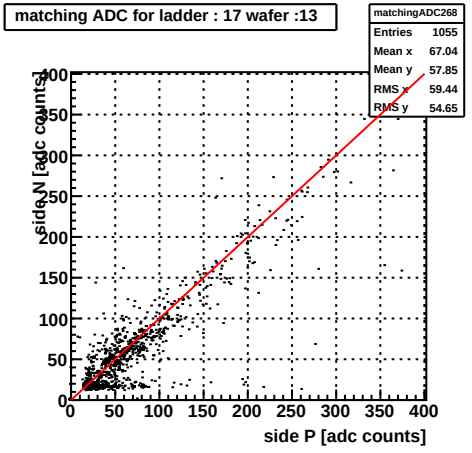

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 571
Mean x 80.98
Mean y 84.33
RMS x 60.61
RMS y 63.07
side N [adc counts]
side P [adc counts]

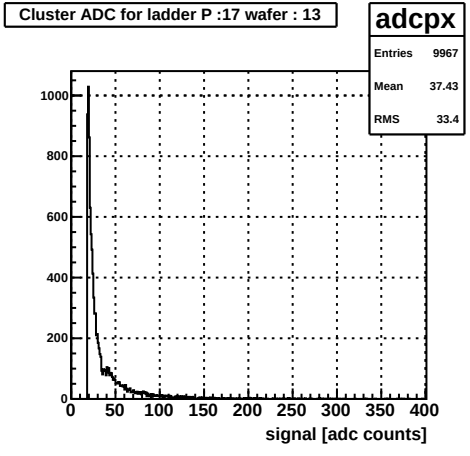

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 44974
Mean 34.09
RMS 27.79
signal [adc counts]

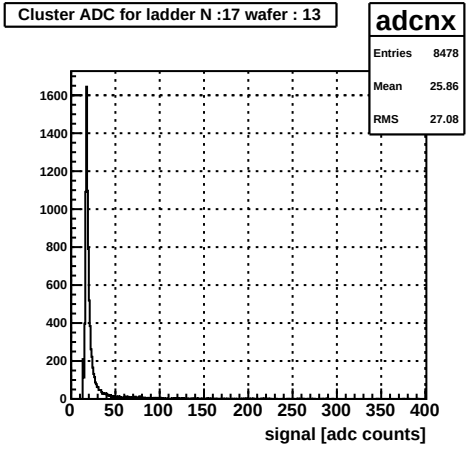

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 1086
Mean 66.16
RMS 63.3
signal [adc counts]

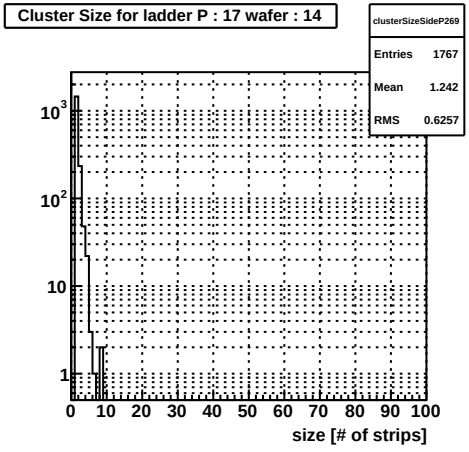

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 9967
Mean 1.275
RMS 0.6598
size [# of strips]

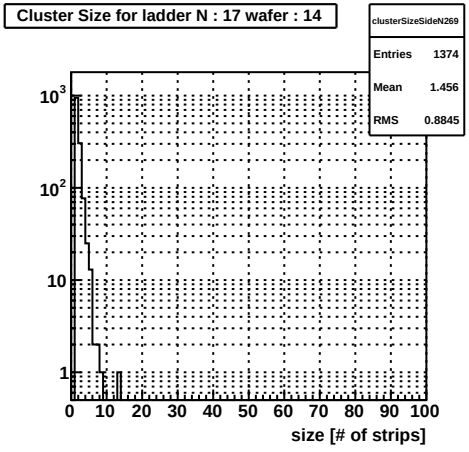

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 8478
Mean 1.079
RMS 0.361
size [# of strips]

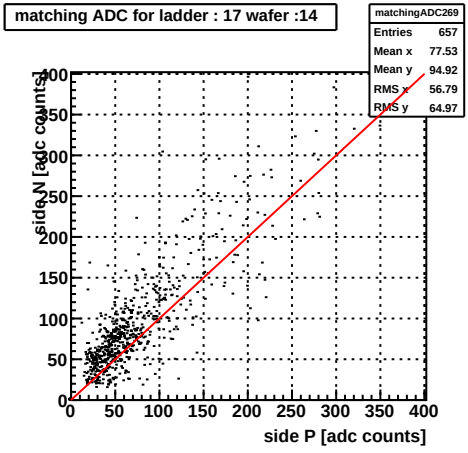

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 1055
Mean x 67.04
Mean y 57.85
RMS x 59.44
RMS y 54.65
side N [adc counts]
side P [adc counts]

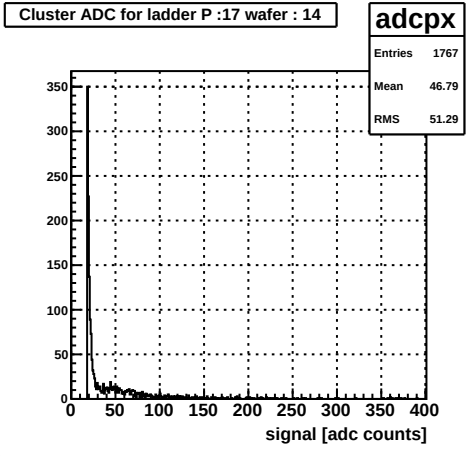

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 9967
Mean 37.43
RMS 33.4
signal [adc counts]

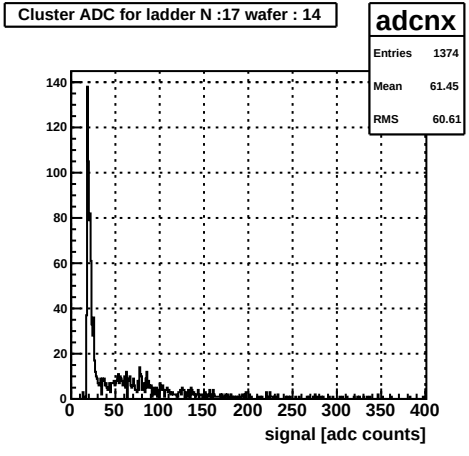

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 8478
Mean 25.86
RMS 27.08
signal [adc counts]

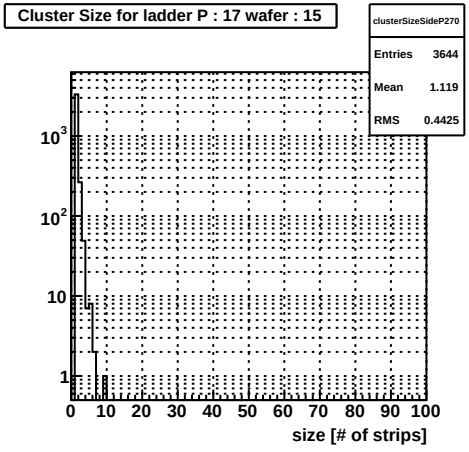

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 1767
Mean 1.242
RMS 0.6257
size [# of strips]

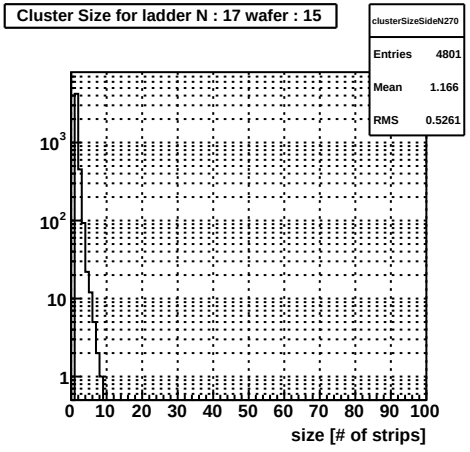

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 1374
Mean 1.456
RMS 0.8845
size [# of strips]

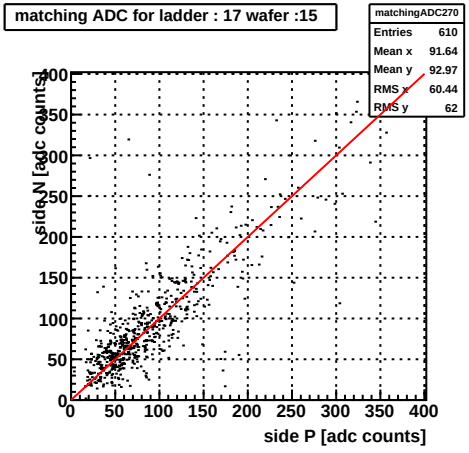

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 657
Mean x 77.53
Mean y 94.92
RMS x 56.79
RMS y 64.97
side N [adc counts]
side P [adc counts]

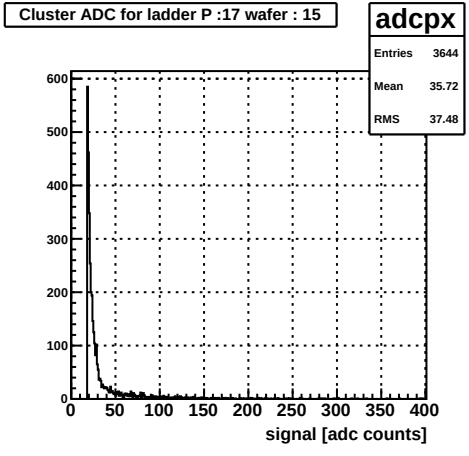

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 1767
Mean 46.79
RMS 51.29
signal [adc counts]

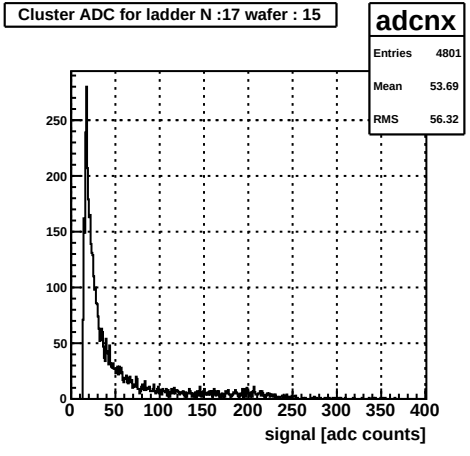

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 1374
Mean 61.45
RMS 60.61
signal [adc counts]

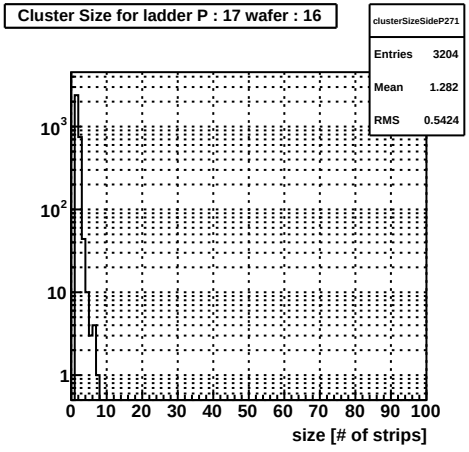

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 3644
Mean 1.119
RMS 0.4425
size [# of strips]

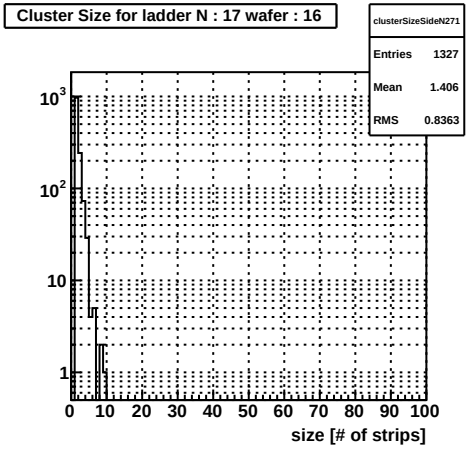

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 4801
Mean 1.166
RMS 0.5261
size [# of strips]

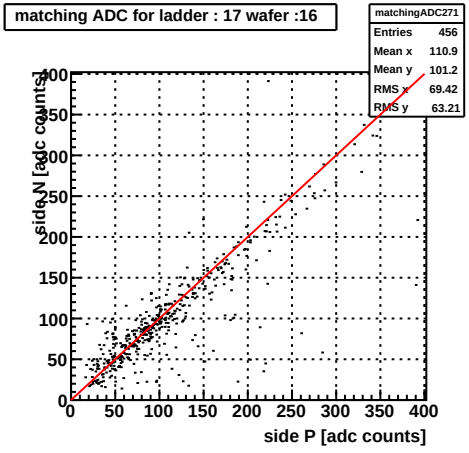

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 610
Mean x 91.64
Mean y 92.97
RMS x 60.44
RMS y 62
side N [adc counts]
side P [adc counts]

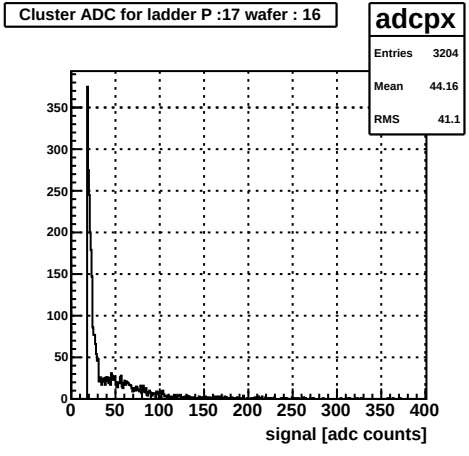

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 3644
Mean 35.72
RMS 37.48
signal [adc counts]

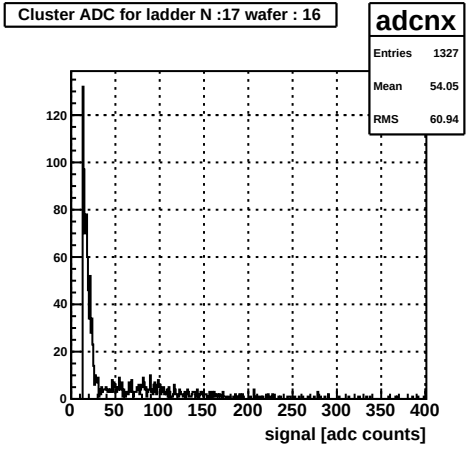

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 4801
Mean 53.69
RMS 56.32
signal [adc counts]

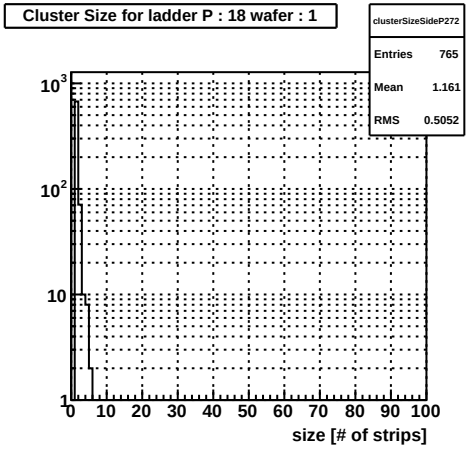

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 3204
Mean 1.282
RMS 0.5424
size [# of strips]

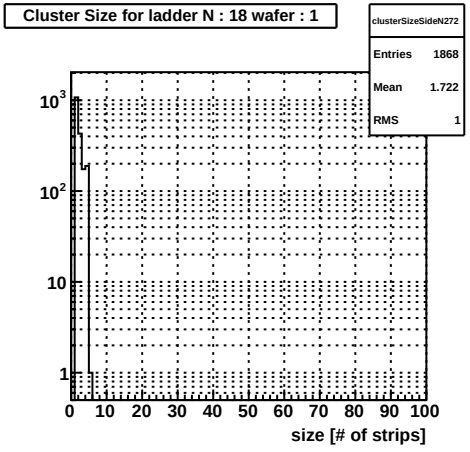

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 1327
Mean 1.406
RMS 0.8363
size [# of strips]

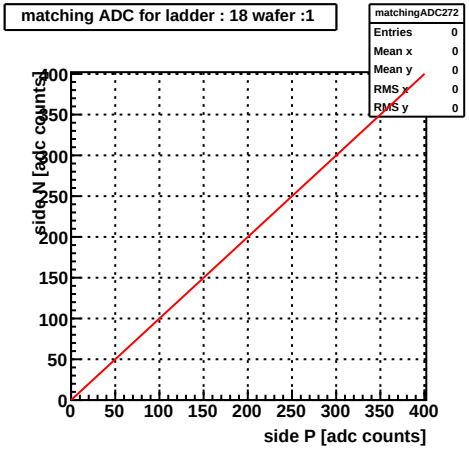

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 456
Mean x 110.9
Mean y 101.2
RMS x 69.42
RMS y 63.21
side N [adc counts]
side P [adc counts]

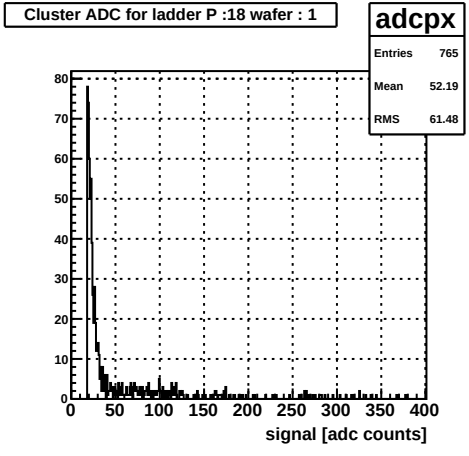

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 3204
Mean 44.16
RMS 41.1
signal [adc counts]

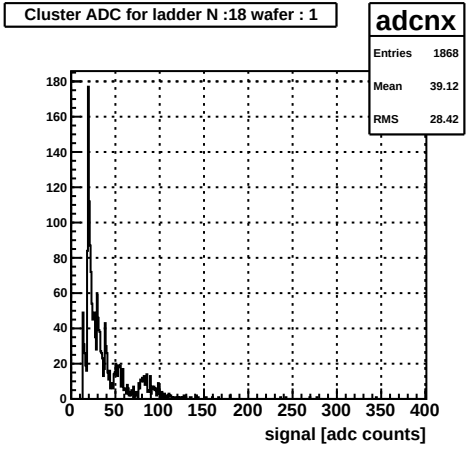

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 1327
Mean 54.05
RMS 60.94
signal [adc counts]

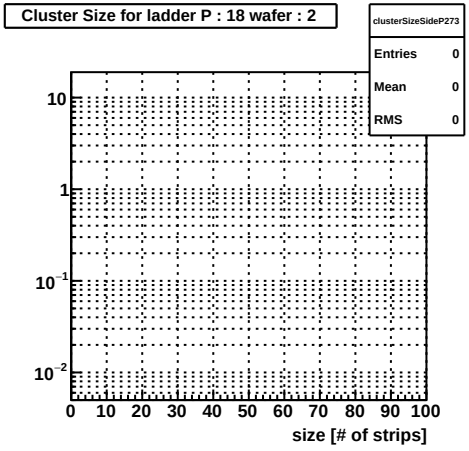

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 765
Mean 1.161
RMS 0.5052
size [# of strips]

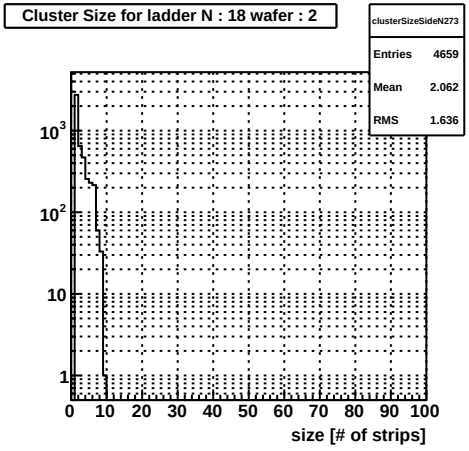

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1868
Mean 1.722
RMS 1
size [# of strips]

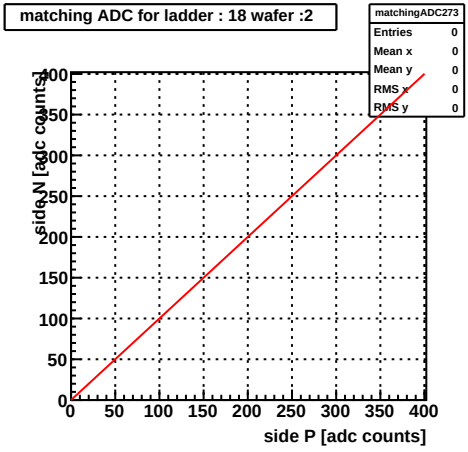

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

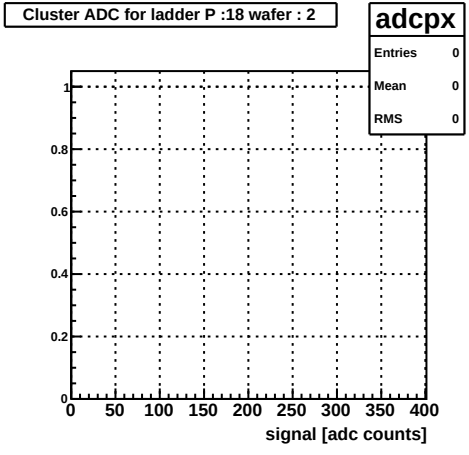

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 765
Mean 52.19
RMS 61.48
signal [adc counts]

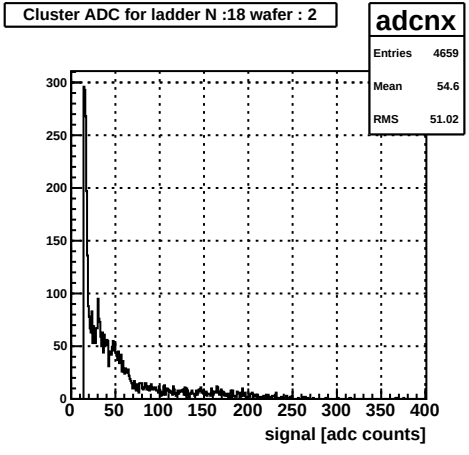

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1868
Mean 39.12
RMS 28.42
signal [adc counts]

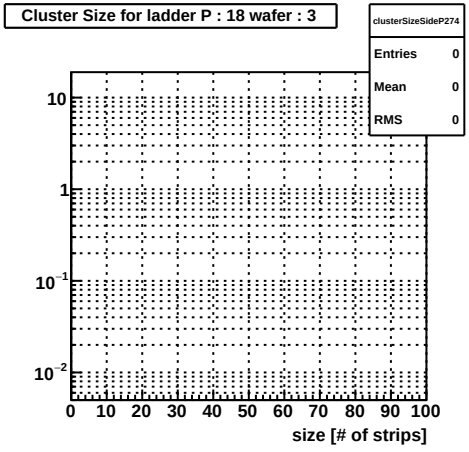

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

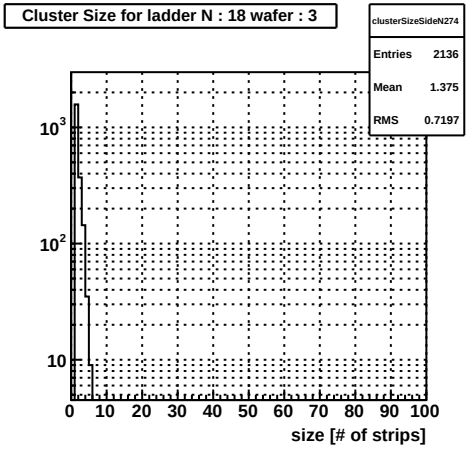

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 4659
Mean 2.062
RMS 1.636
size [# of strips]

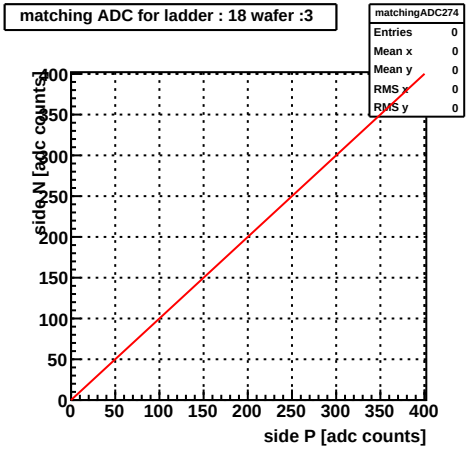

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

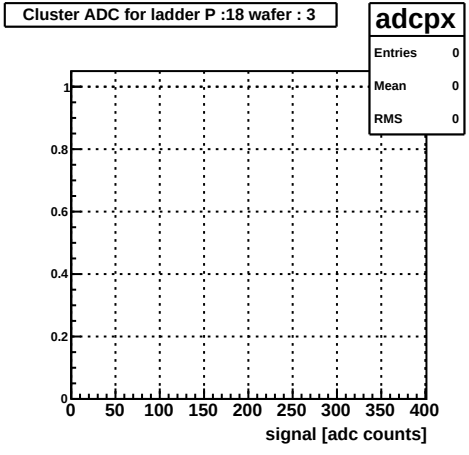

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

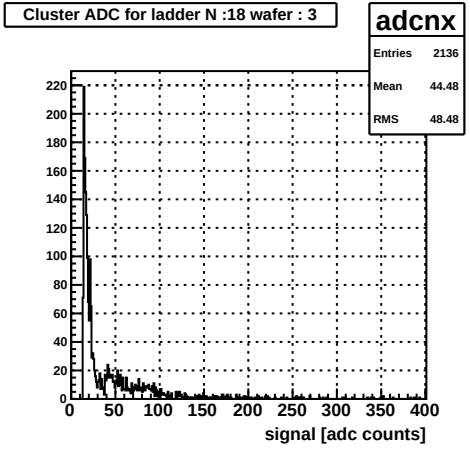

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 4659
Mean 54.6
RMS 51.02
signal [adc counts]

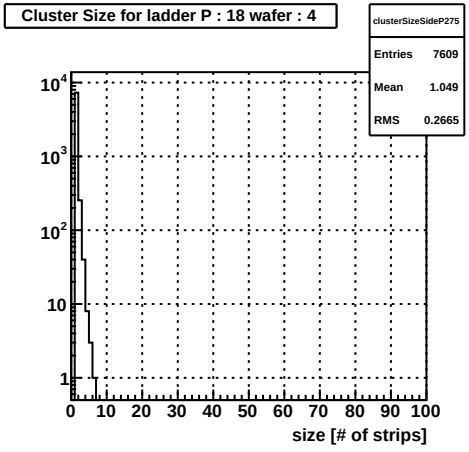

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

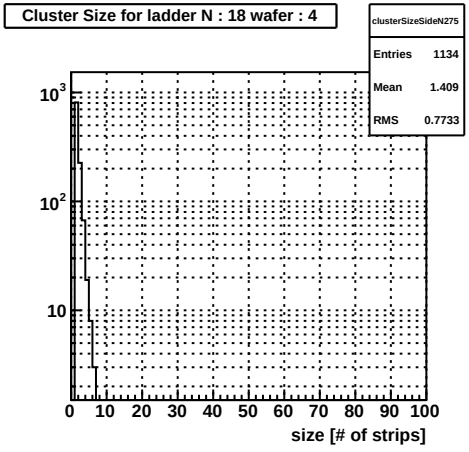

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 2136
Mean 1.375
RMS 0.7197
size [# of strips]

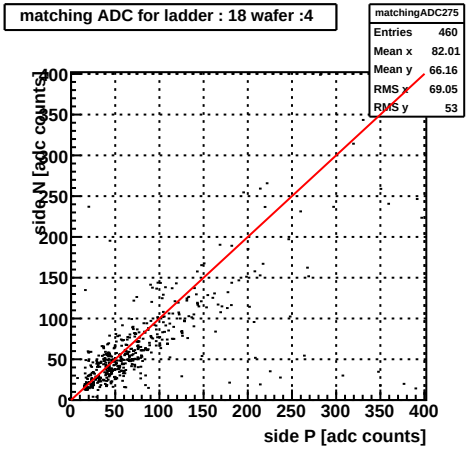

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

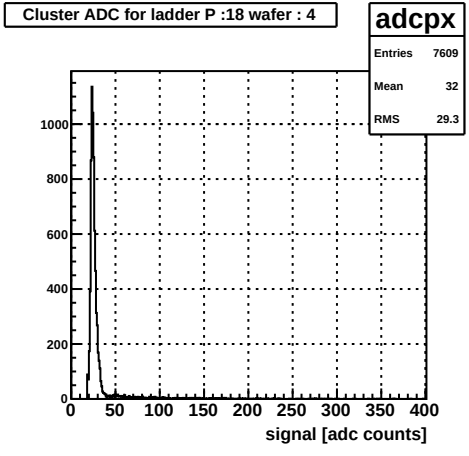

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

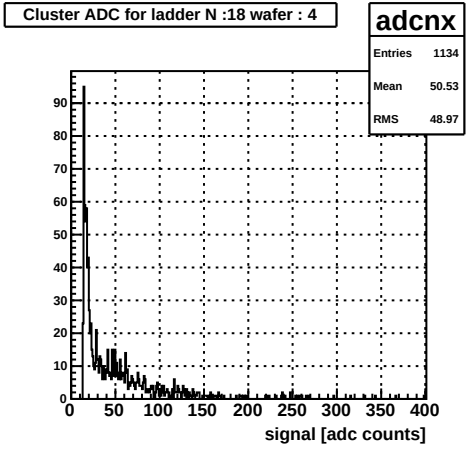

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 2136
Mean 44.48
RMS 48.48
signal [adc counts]

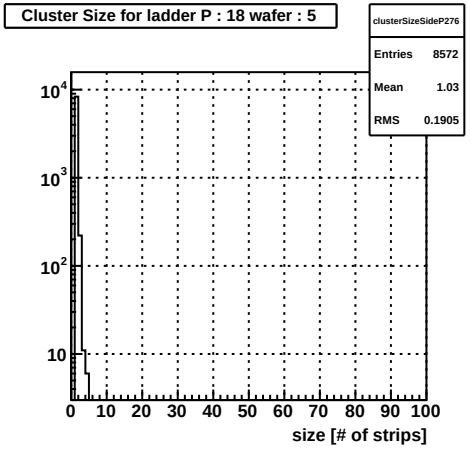

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 7609
Mean 1.049
RMS 0.2665
size [# of strips]

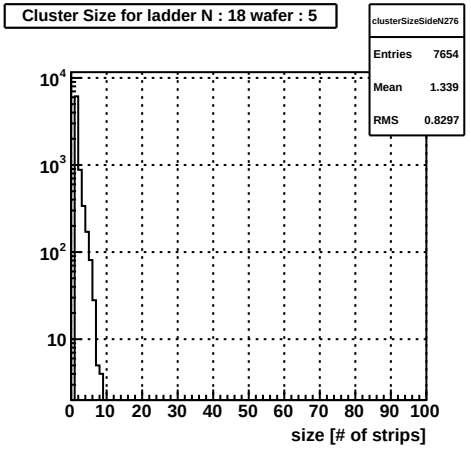

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 1134
Mean 1.409
RMS 0.7733
size [# of strips]

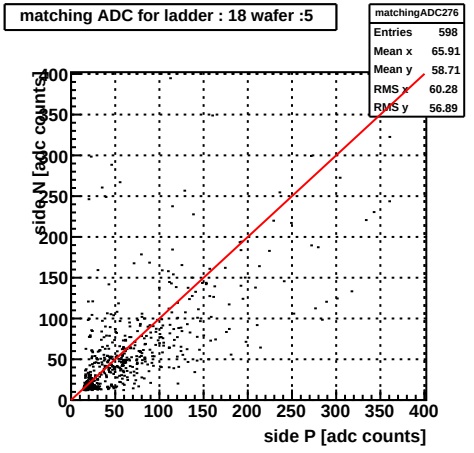

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 460
Mean x 82.01
Mean y 66.16
RMS x 69.05
RMS y 53
side N [adc counts]
side P [adc counts]

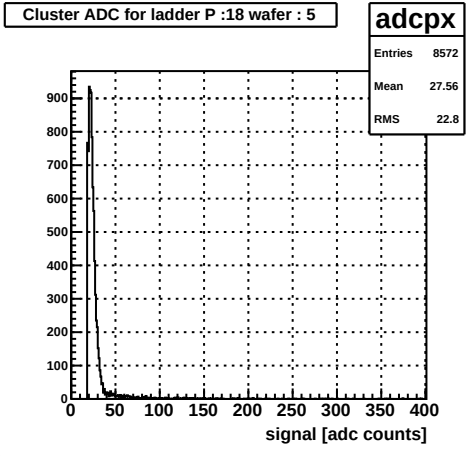

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 7609
Mean 32
RMS 29.3
signal [adc counts]

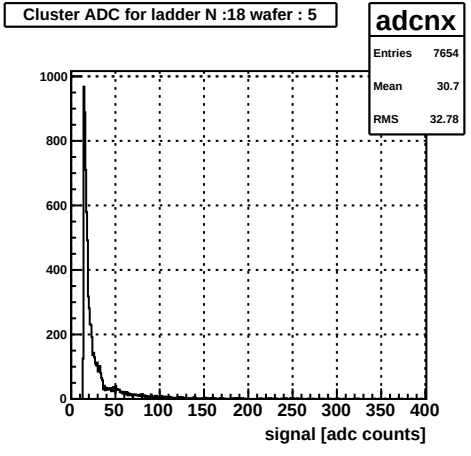

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 1134
Mean 50.53
RMS 48.97
signal [adc counts]

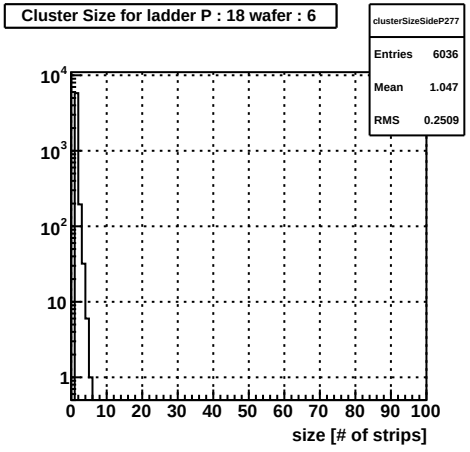

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 8572
Mean 1.03
RMS 0.1905
size [# of strips]

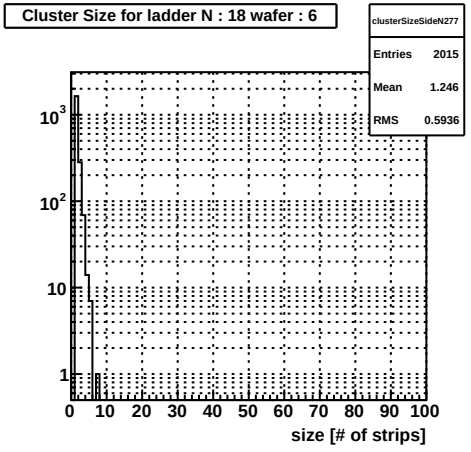

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 7654
Mean 1.339
RMS 0.8297
size [# of strips]

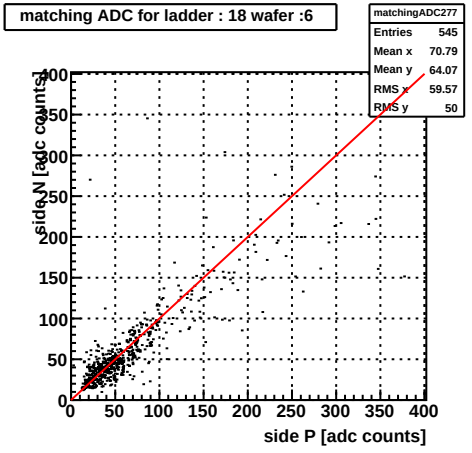

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 598
Mean x 65.91
Mean y 58.71
RMS x 60.28
RMS y 56.89
side N [adc counts]
side P [adc counts]

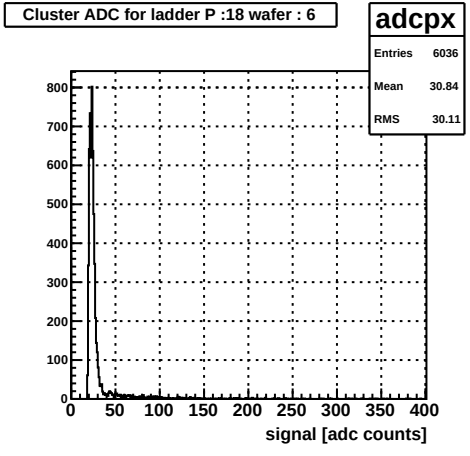

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 8572
Mean 27.56
RMS 22.8
signal [adc counts]

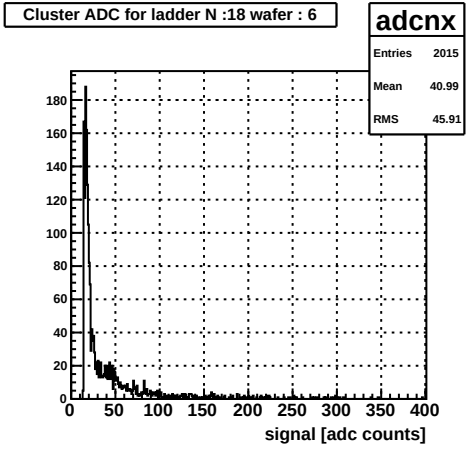

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 7654
Mean 30.7
RMS 32.78
signal [adc counts]

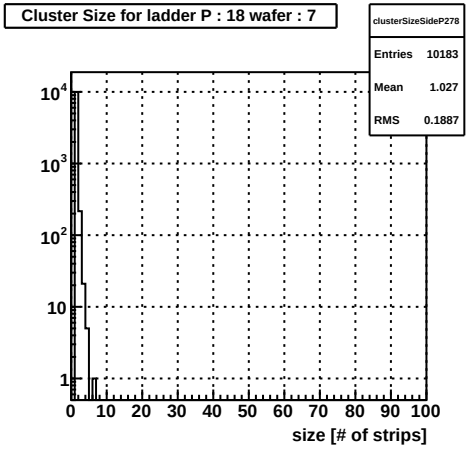

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 6036
Mean 1.047
RMS 0.2509
size [# of strips]

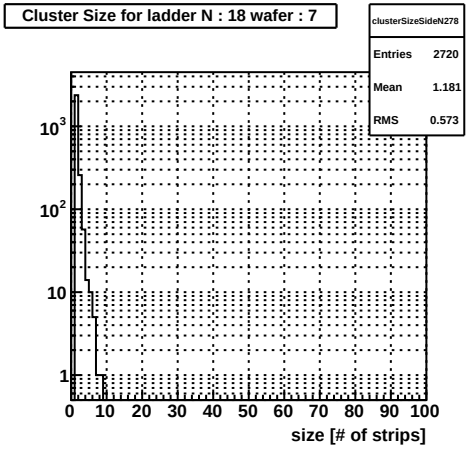

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 2015
Mean 1.246
RMS 0.5936
size [# of strips]

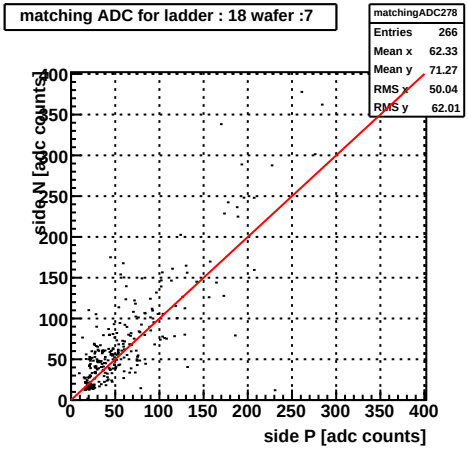

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 545
Mean x 70.79
Mean y 64.07
RMS x 59.57
RMS y 50
side N [adc counts]
side P [adc counts]

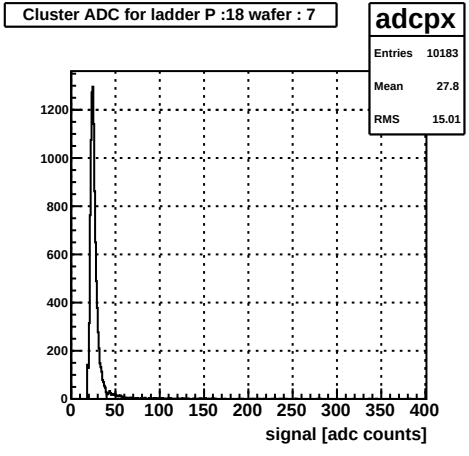

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 6036
Mean 30.84
RMS 30.11
signal [adc counts]

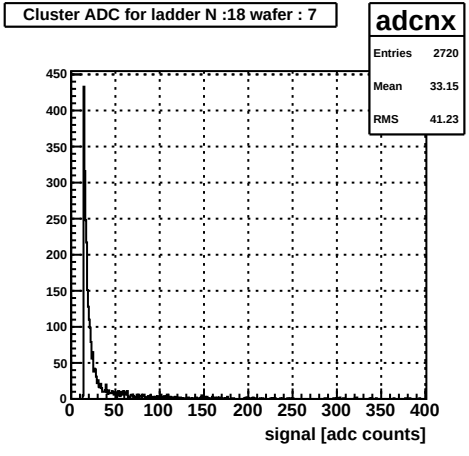

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 2015
Mean 40.99
RMS 45.91
signal [adc counts]

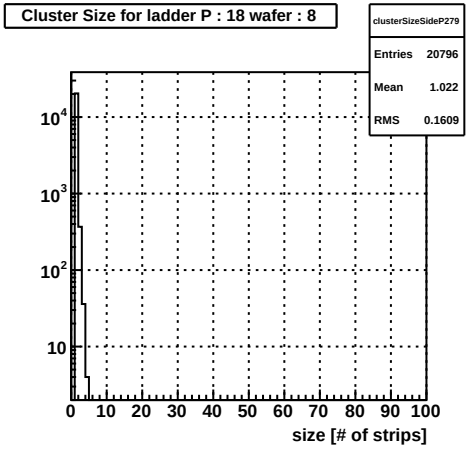

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 10183
Mean 1.027
RMS 0.1887
size [# of strips]

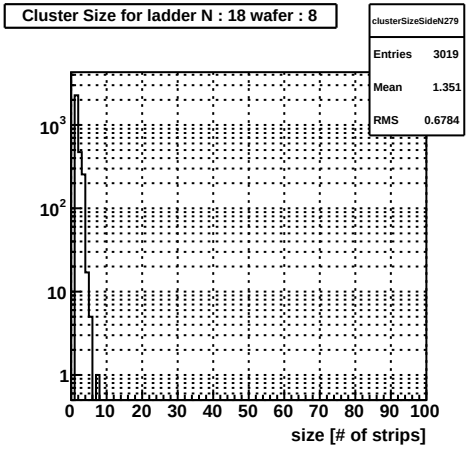

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 2720
Mean 1.181
RMS 0.573
size [# of strips]

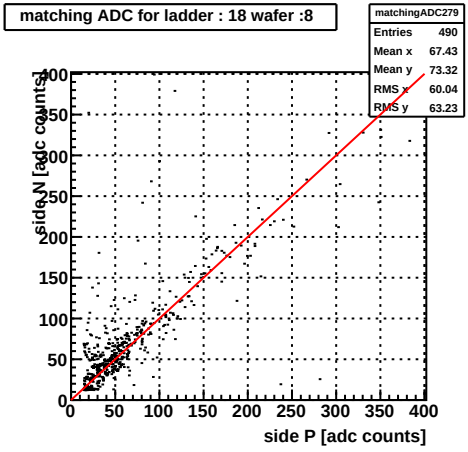

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 266
Mean x 62.33
Mean y 71.27
RMS x 50.04
RMS y 62.01
side N [adc counts]
side P [adc counts]

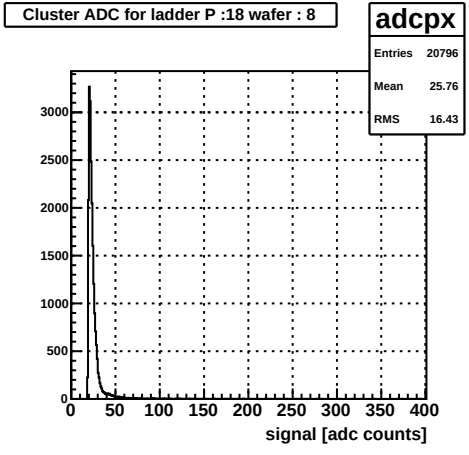

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 10183
Mean 27.8
RMS 15.01
signal [adc counts]

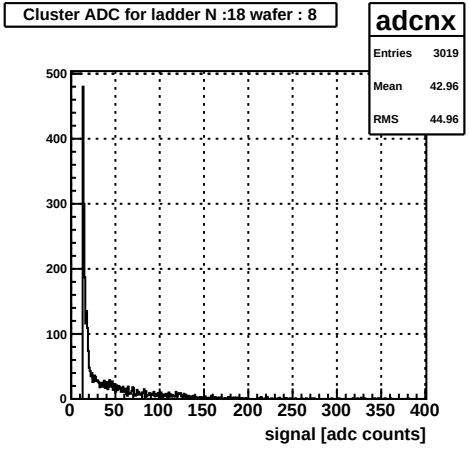

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 2720
Mean 33.15
RMS 41.23
signal [adc counts]

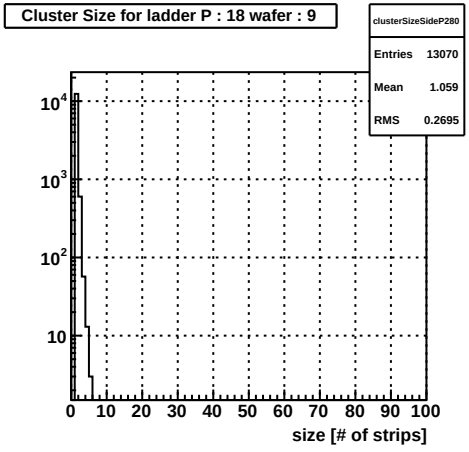

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 20796
Mean 1.022
RMS 0.1609
size [# of strips]

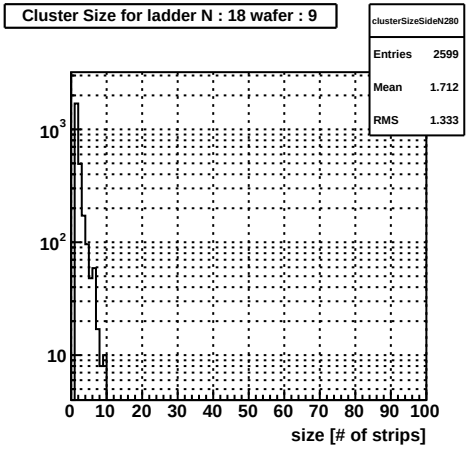

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 3019
Mean 1.351
RMS 0.6784
size [# of strips]

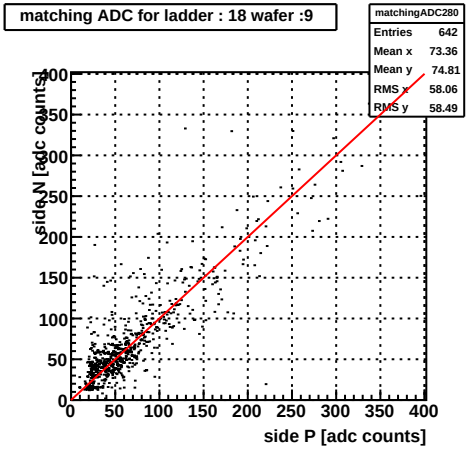

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 490
Mean x 67.43
Mean y 73.32
RMS x 60.04
RMS y 63.23
side N [adc counts]
side P [adc counts]

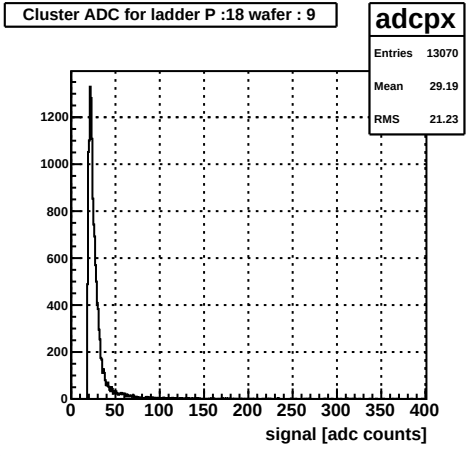

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 20796
Mean 25.76
RMS 16.43
signal [adc counts]

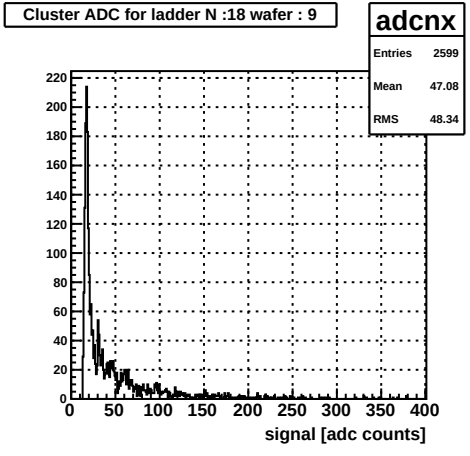

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 3019
Mean 42.96
RMS 44.96
signal [adc counts]

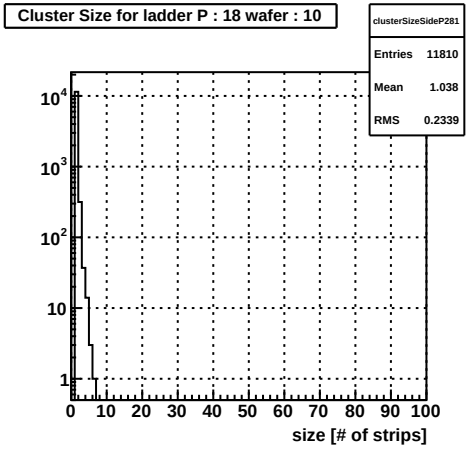

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 13070
Mean 1.059
RMS 0.2695
size [# of strips]

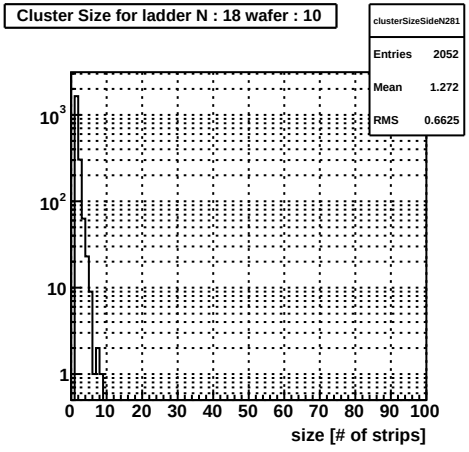

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 2599
Mean 1.712
RMS 1.333
size [# of strips]

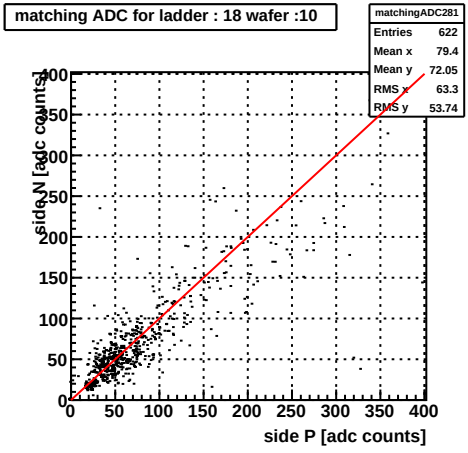

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 642
Mean x 73.36
Mean y 74.81
RMS x 58.06
RMS y 58.49
side N [adc counts]
side P [adc counts]

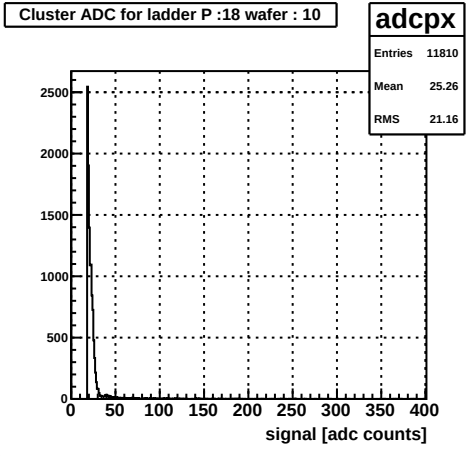

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 13070
Mean 29.19
RMS 21.23
signal [adc counts]

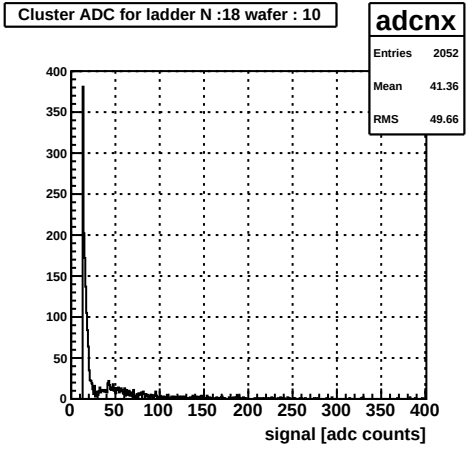

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 2599
Mean 47.08
RMS 48.34
signal [adc counts]

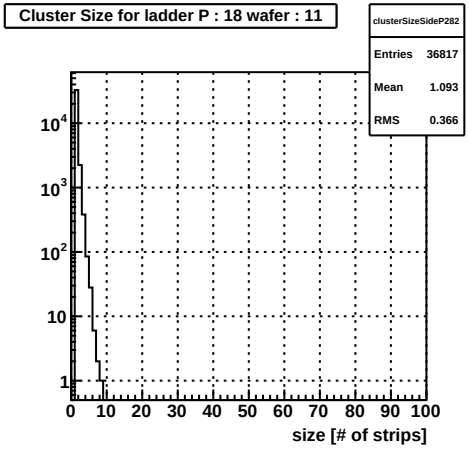

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 11810
Mean 1.038
RMS 0.2339
size [# of strips]

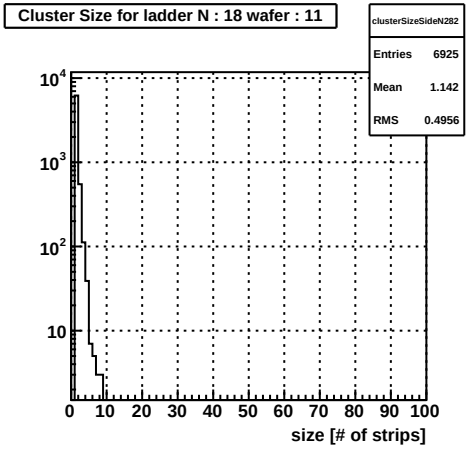

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 2052
Mean 1.272
RMS 0.6625
size [# of strips]

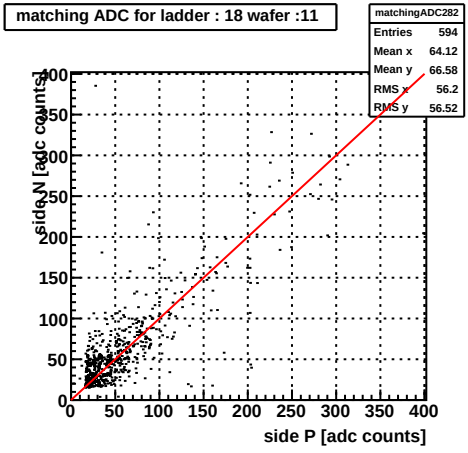

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 622
Mean x 79.4
Mean y 72.05
RMS x 63.3
RMS y 53.74
side N [adc counts]
side P [adc counts]

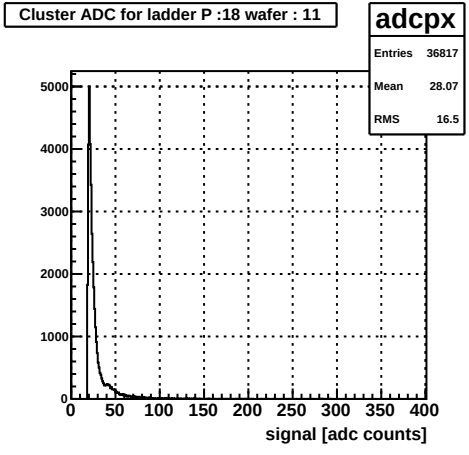

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 11810
Mean 25.26
RMS 21.16
signal [adc counts]

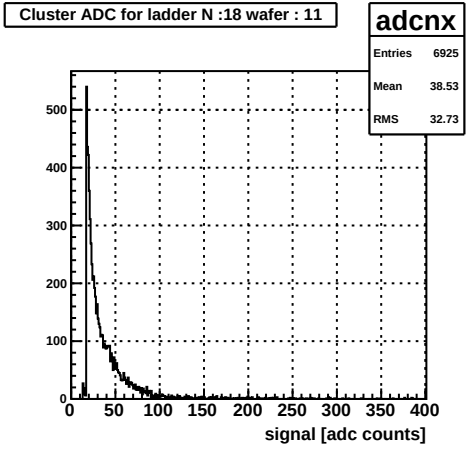

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 2052
Mean 41.36
RMS 49.66
signal [adc counts]

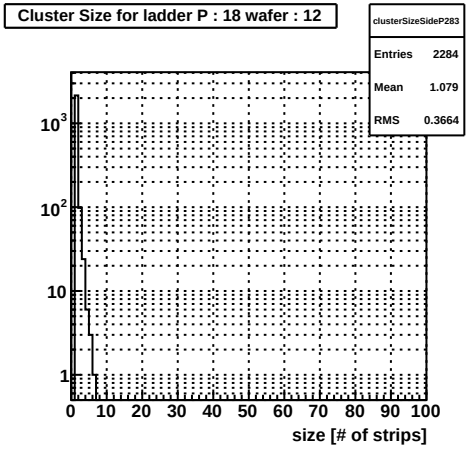

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 36817
Mean 1.093
RMS 0.366
size [# of strips]

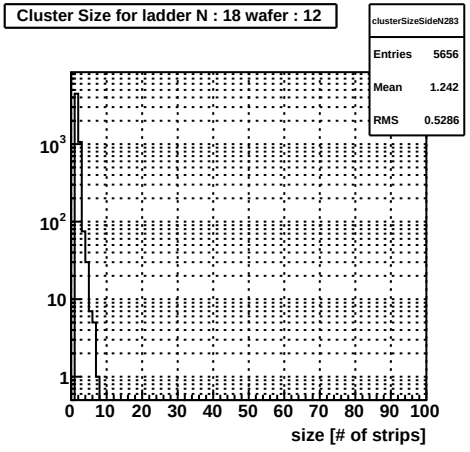

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 6925
Mean 1.142
RMS 0.4956
size [# of strips]

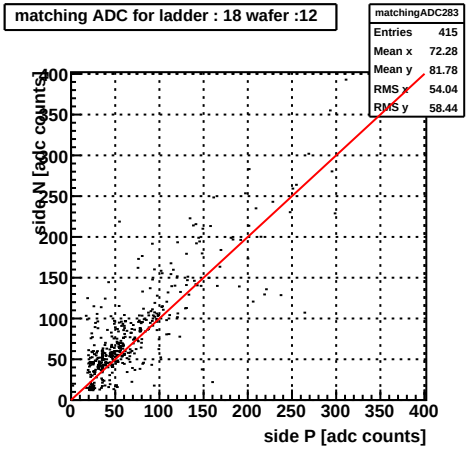

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 594
Mean x 64.12
Mean y 66.58
RMS x 56.2
RMS y 56.52
side N [adc counts]
side P [adc counts]

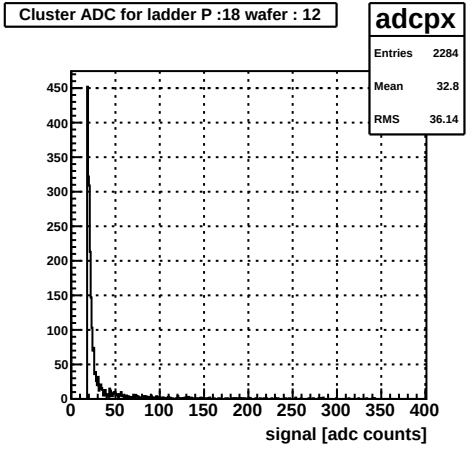

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 36817
Mean 28.07
RMS 16.5
signal [adc counts]

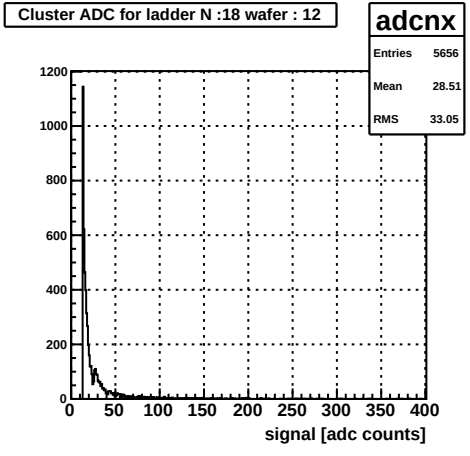

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 6925
Mean 38.53
RMS 32.73
signal [adc counts]

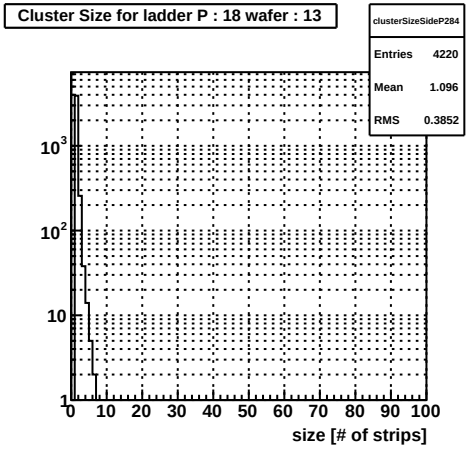

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 2284
Mean 1.079
RMS 0.3664
size [# of strips]

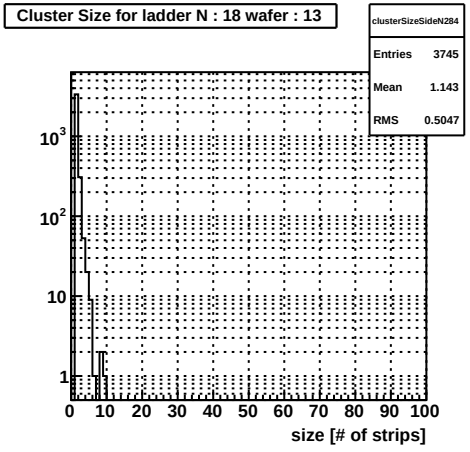

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 5656
Mean 1.242
RMS 0.5286
size [# of strips]

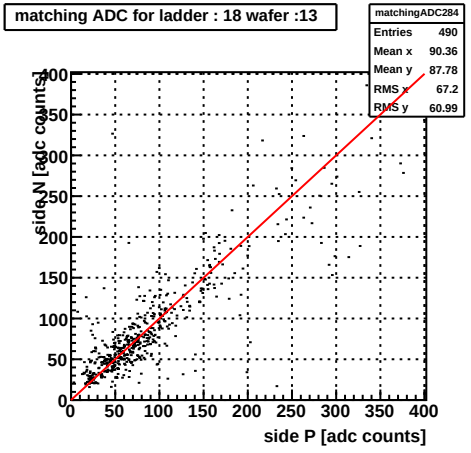

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 415
Mean x 72.28
Mean y 81.78
RMS x 54.04
RMS y 58.44
side N [adc counts]
side P [adc counts]

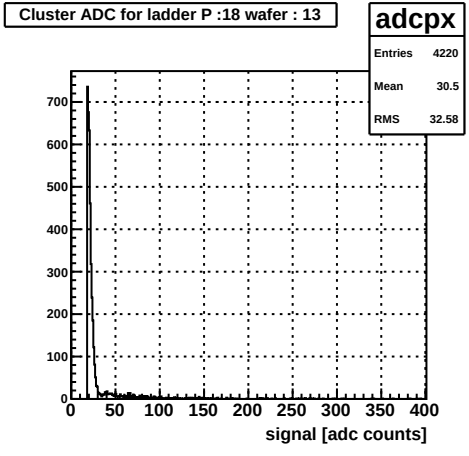

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 2284
Mean 32.8
RMS 36.14
signal [adc counts]

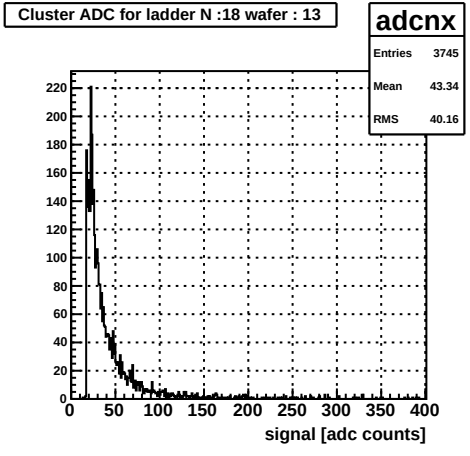

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 5656
Mean 28.51
RMS 33.05
signal [adc counts]

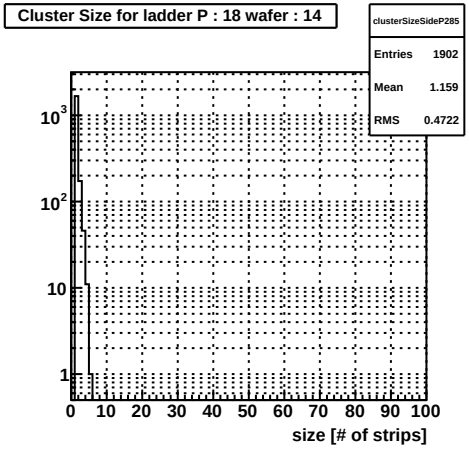

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 4220
Mean 1.096
RMS 0.3852
size [# of strips]

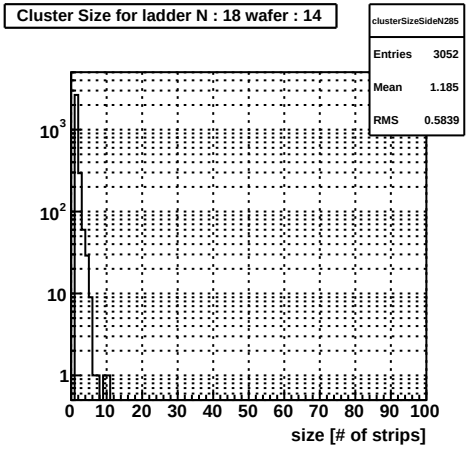

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 3745
Mean 1.143
RMS 0.5047
size [# of strips]

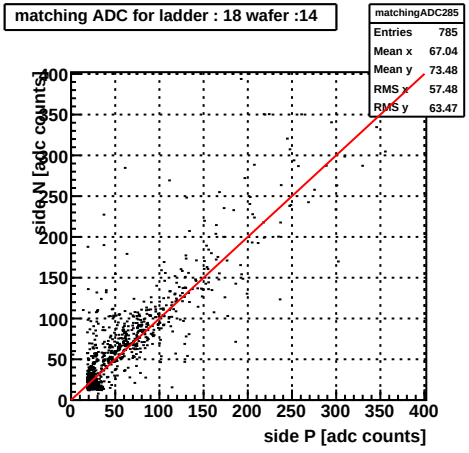

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 490
Mean x 90.36
Mean y 87.78
RMS x 67.2
RMS y 60.99
side N [adc counts]
side P [adc counts]

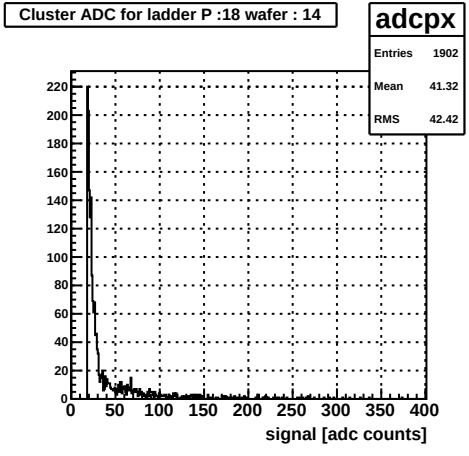

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 4220
Mean 30.5
RMS 32.58
signal [adc counts]

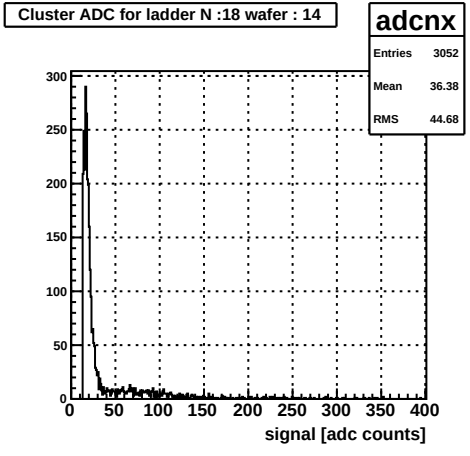

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 3745
Mean 43.34
RMS 40.16
signal [adc counts]

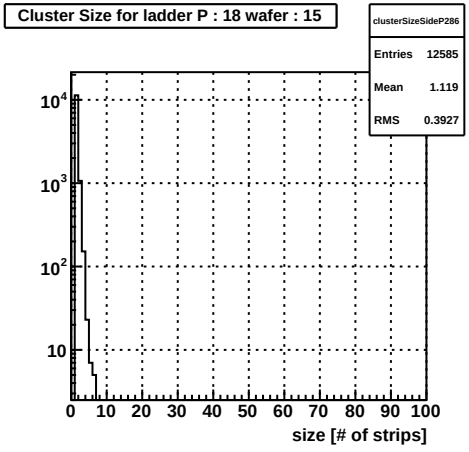

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 1902
Mean 1.159
RMS 0.4722
size [# of strips]

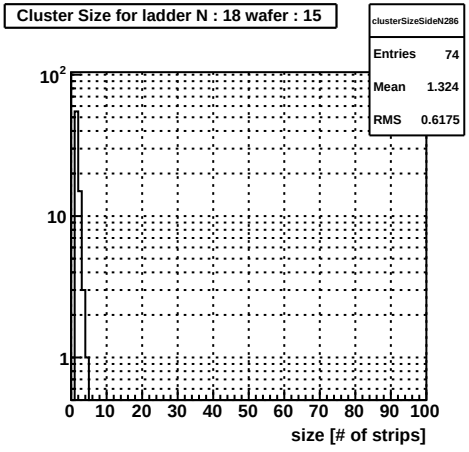

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 3052
Mean 1.185
RMS 0.5839
size [# of strips]

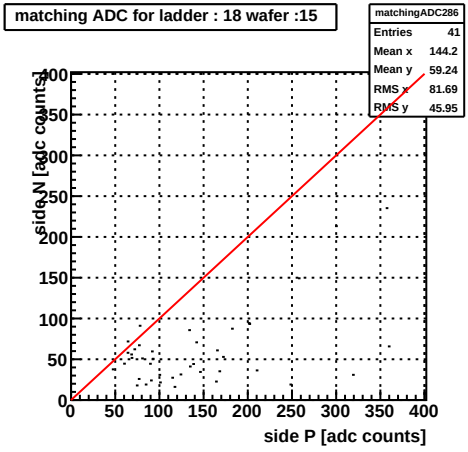

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 785
Mean x 67.04
Mean y 73.48
RMS x 57.48
RMS y 63.47
side N [adc counts]
side P [adc counts]

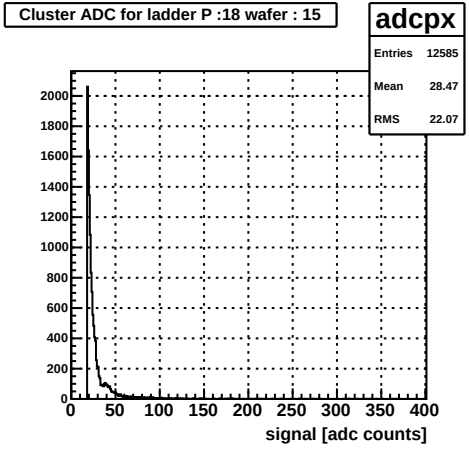

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 1902
Mean 41.32
RMS 42.42
signal [adc counts]

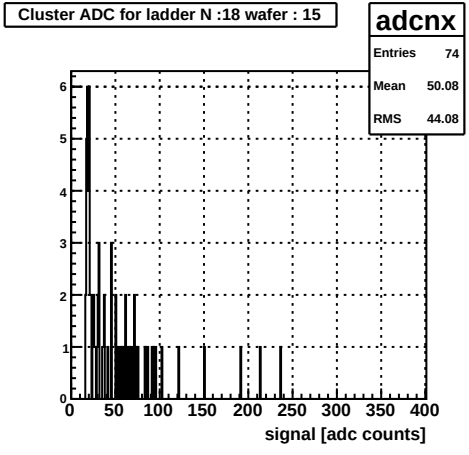

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 3052
Mean 36.38
RMS 44.68
signal [adc counts]

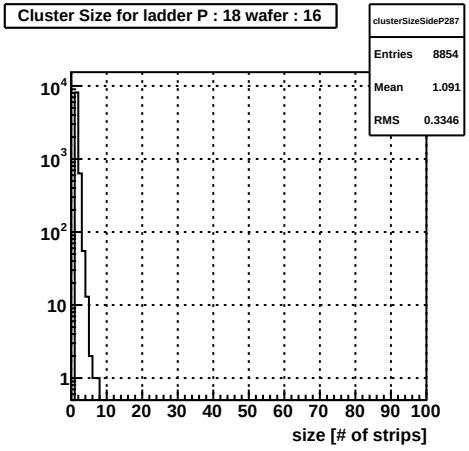

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 12585
Mean 1.119
RMS 0.3927
size [# of strips]

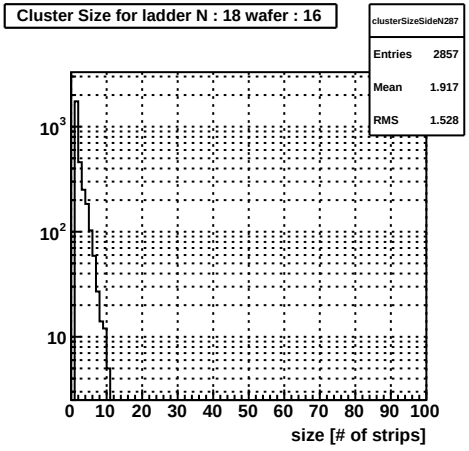

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 74
Mean 1.324
RMS 0.6175
size [# of strips]

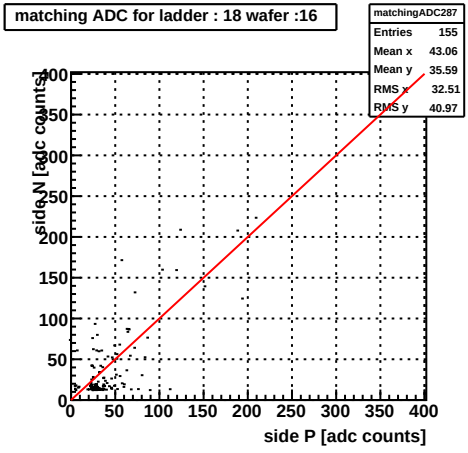

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 41
Mean x 144.2
Mean y 59.24
RMS x 81.69
RMS y 45.95
side N [adc counts]
side P [adc counts]

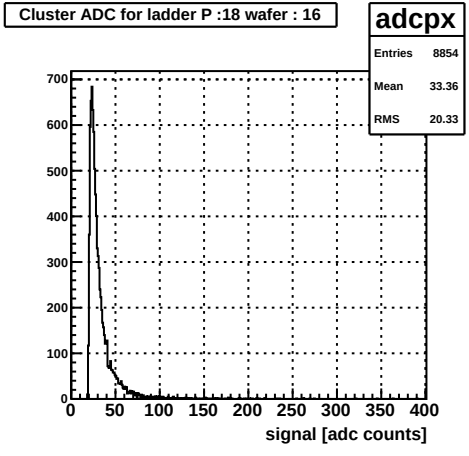

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 12585
Mean 28.47
RMS 22.07
signal [adc counts]

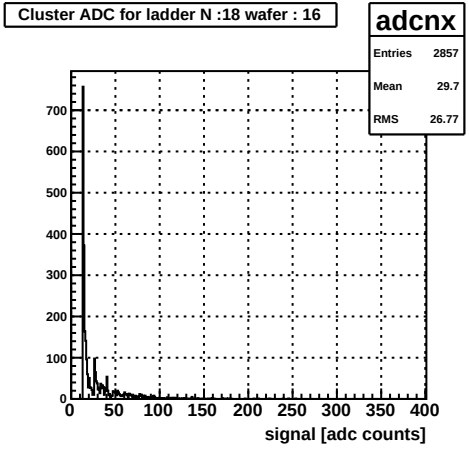

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 74
Mean 50.08
RMS 44.08
signal [adc counts]

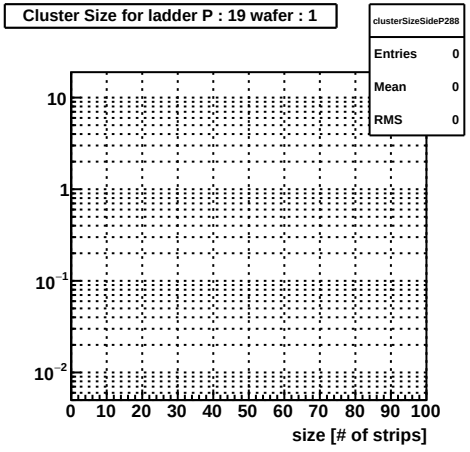

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 8854
Mean 1.091
RMS 0.3346
size [# of strips]

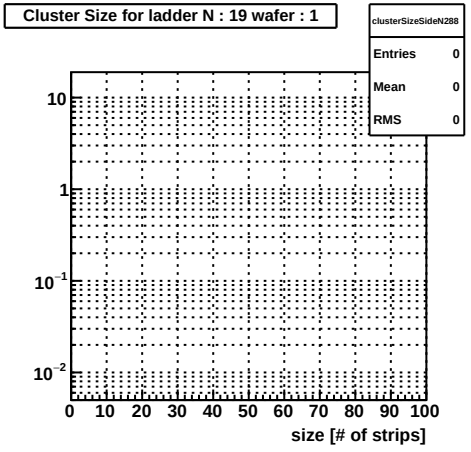

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 2857
Mean 1.917
RMS 1.528
size [# of strips]

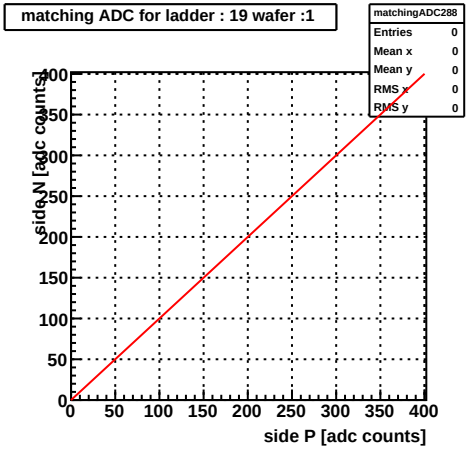

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 155
Mean x 43.06
Mean y 35.59
RMS x 32.51
RMS y 40.97
side N [adc counts]
side P [adc counts]

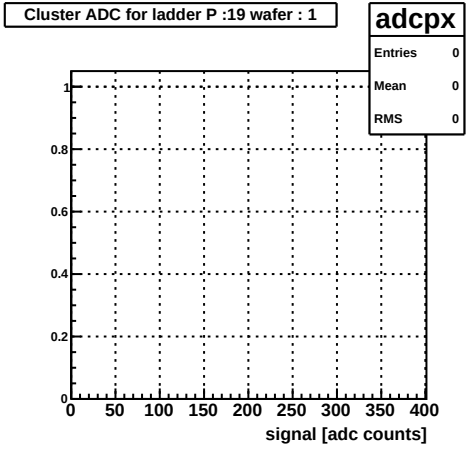

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 8854
Mean 33.36
RMS 20.33
signal [adc counts]

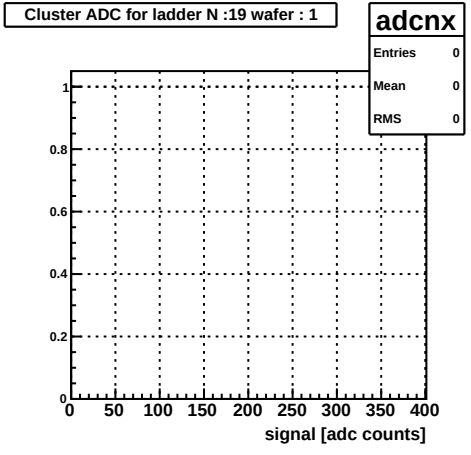

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 2857
Mean 29.7
RMS 26.77
signal [adc counts]

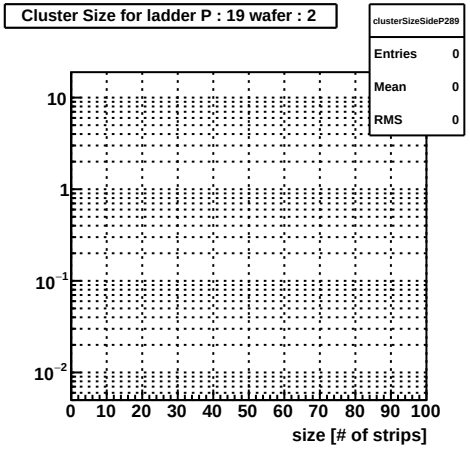

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

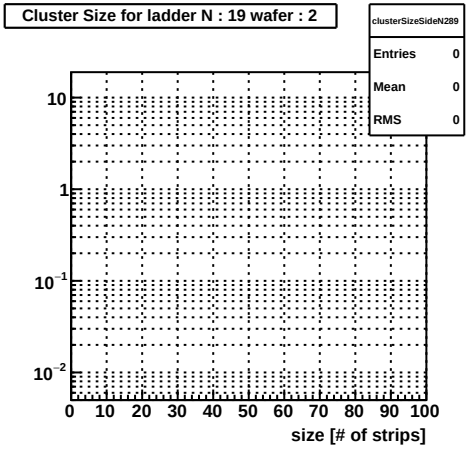

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

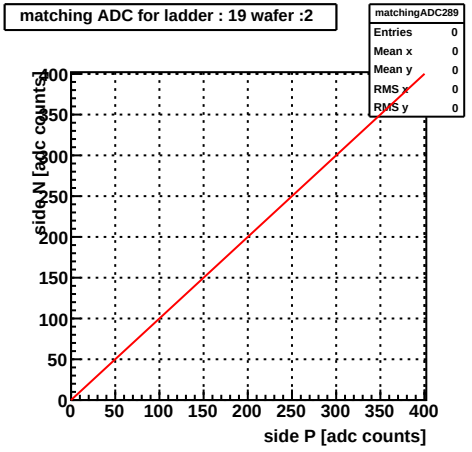

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

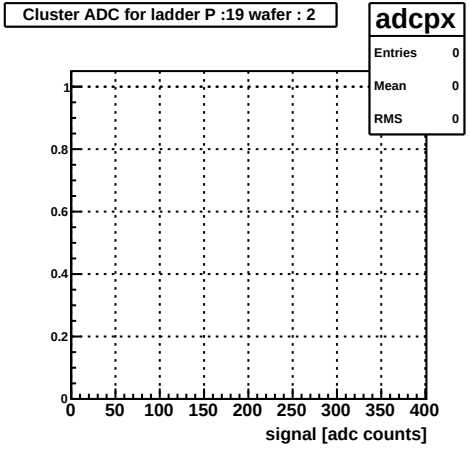

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

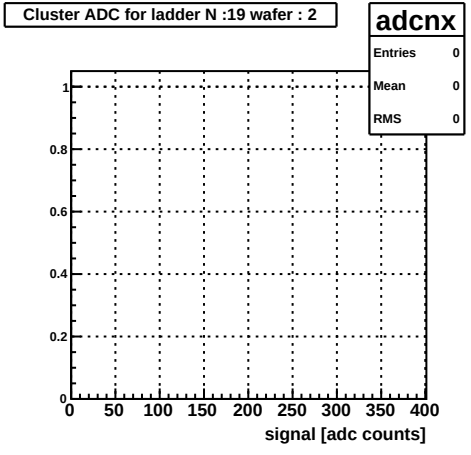

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

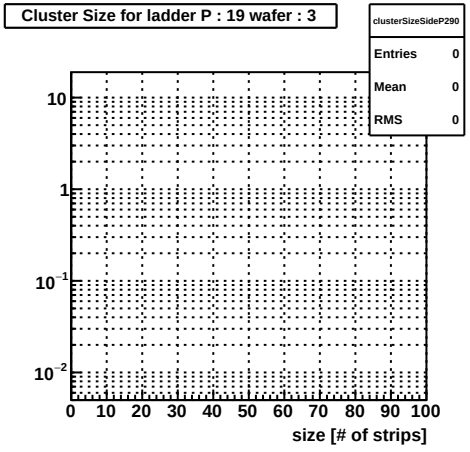

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

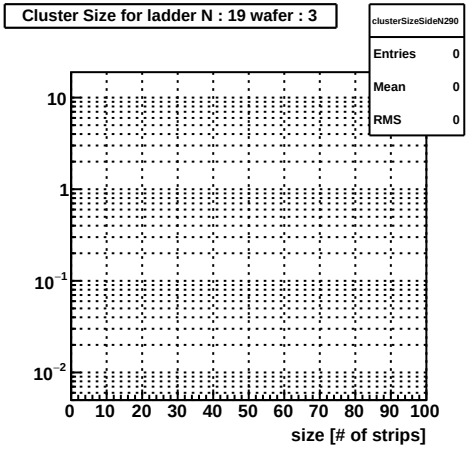

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

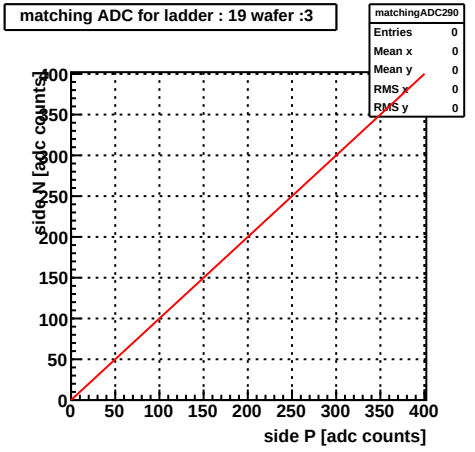

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

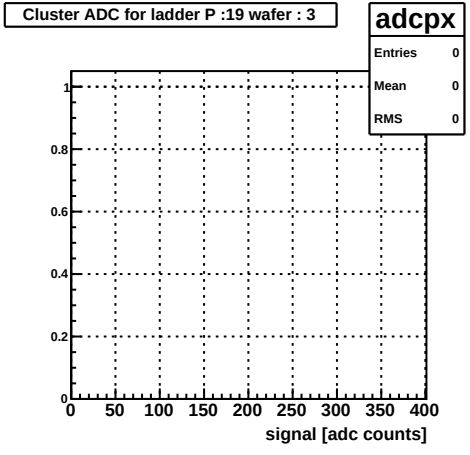

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

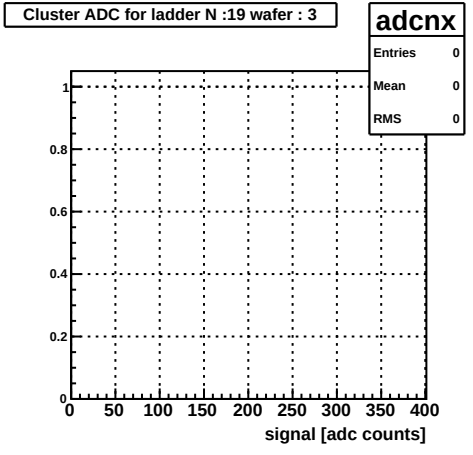

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

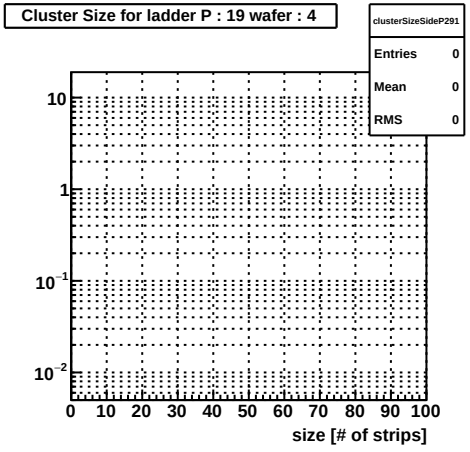

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

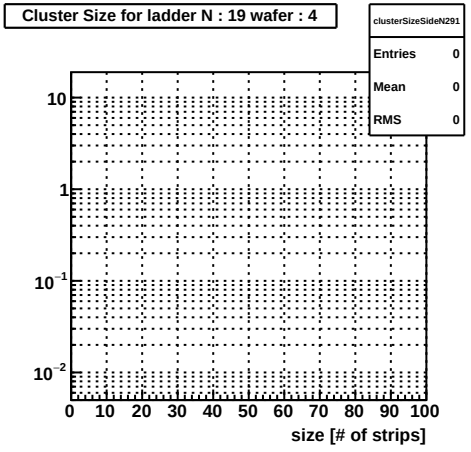

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

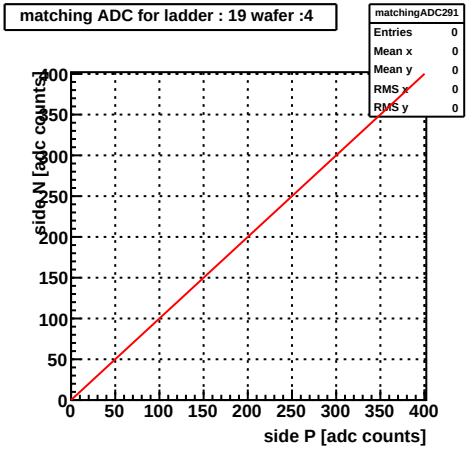

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

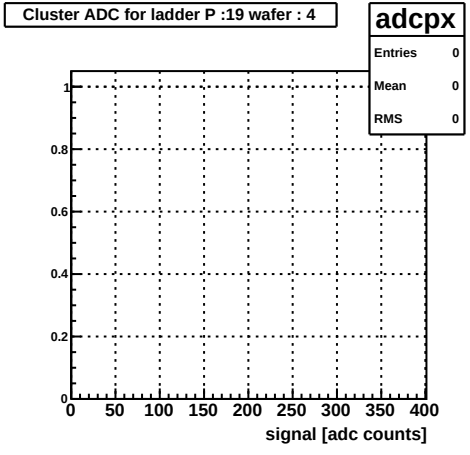

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

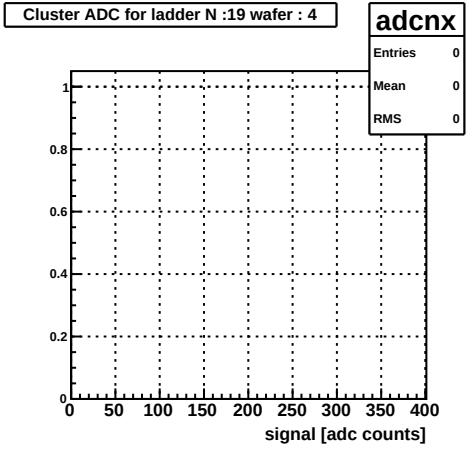

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

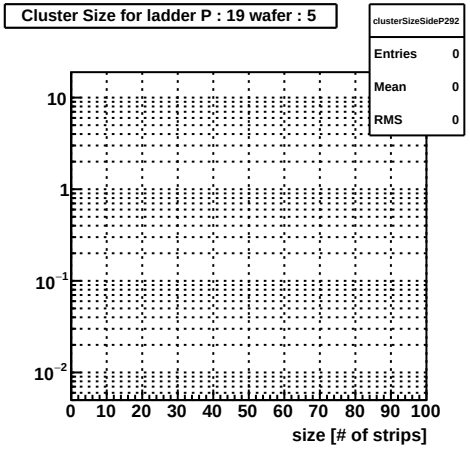

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

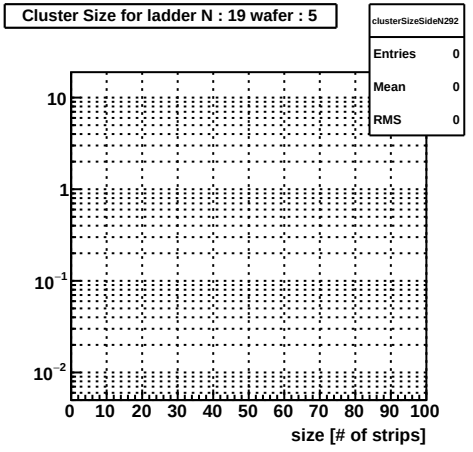

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

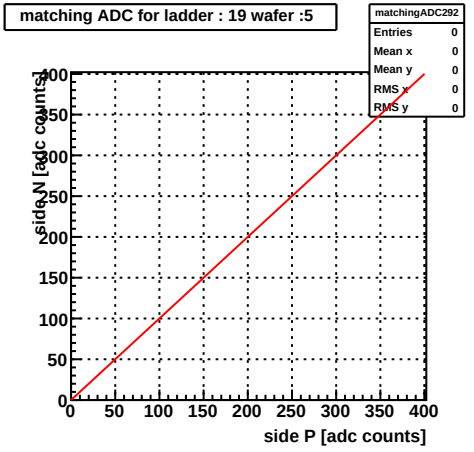

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

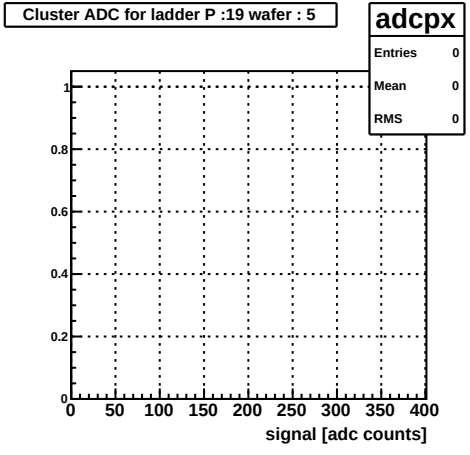

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

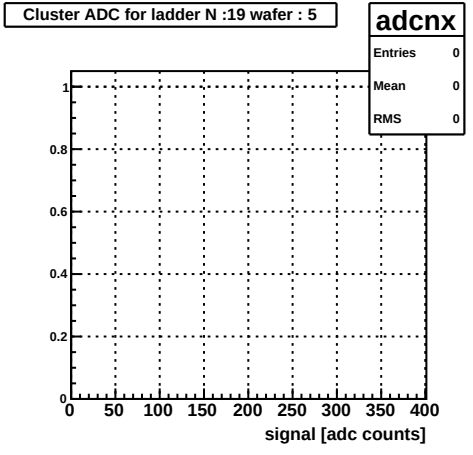

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

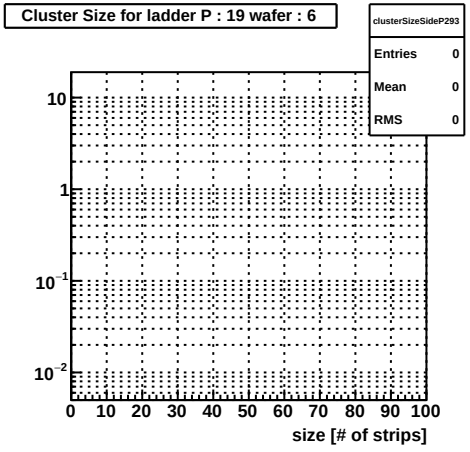

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

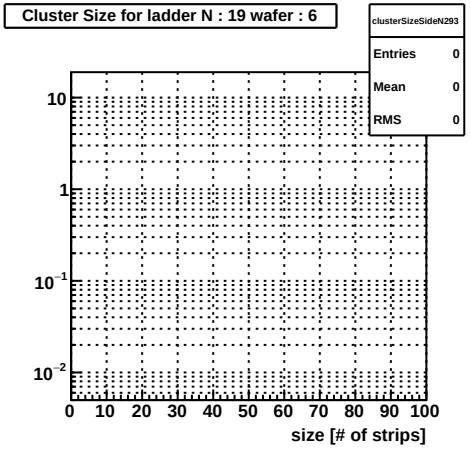

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

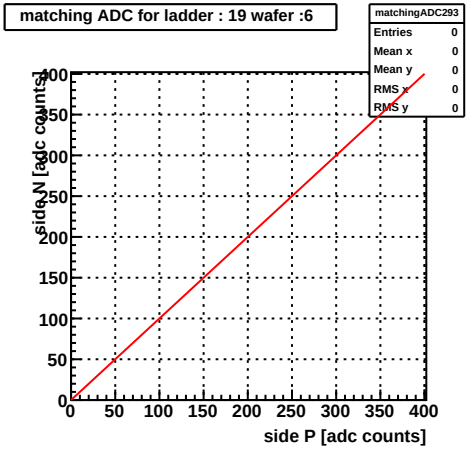

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

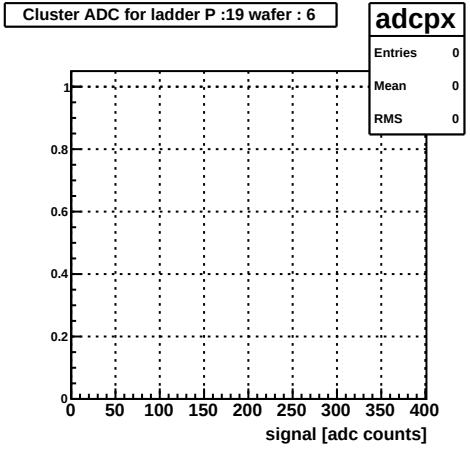

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

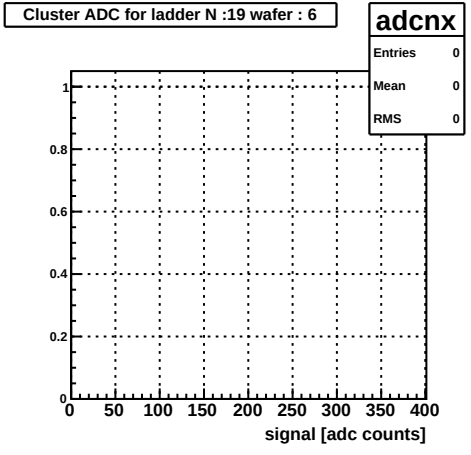

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

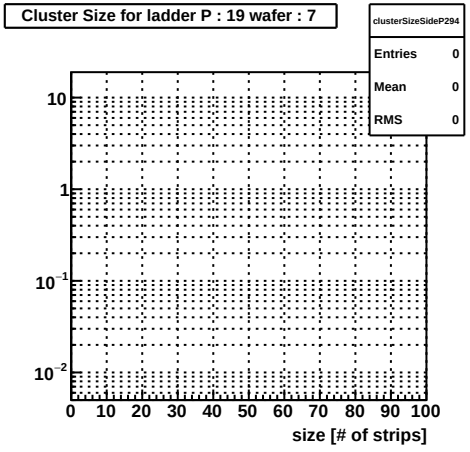

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

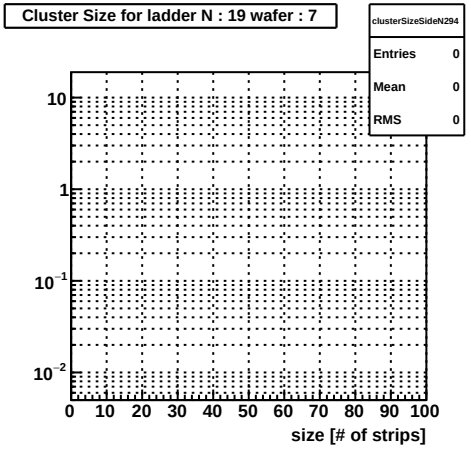

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

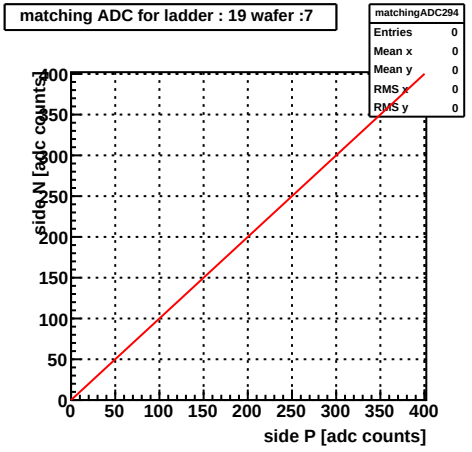

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

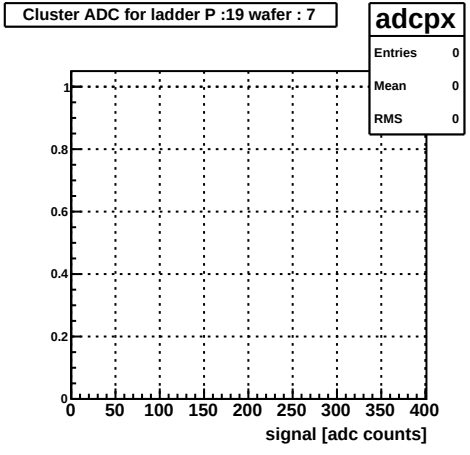

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

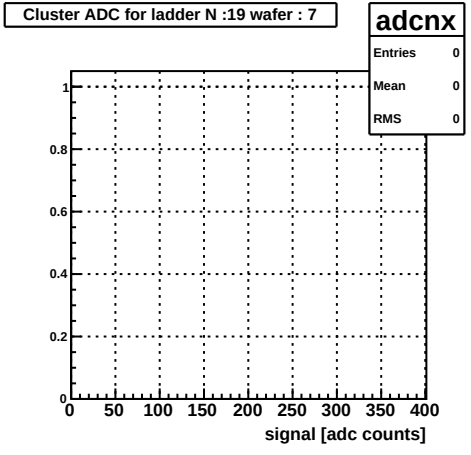

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

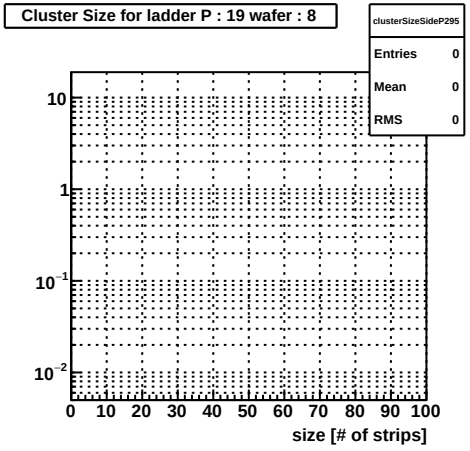

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

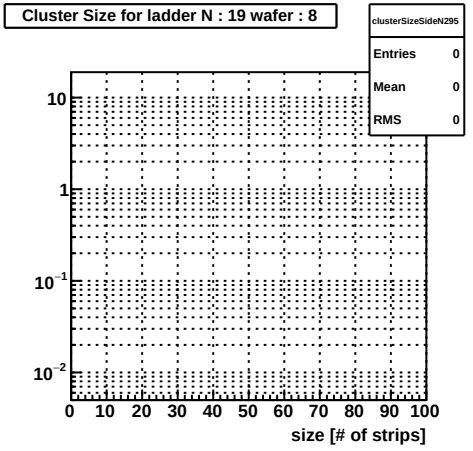

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

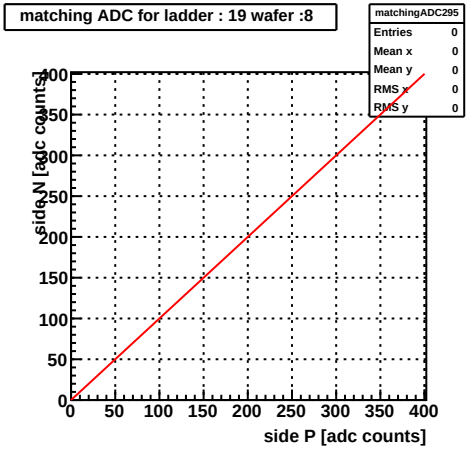

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

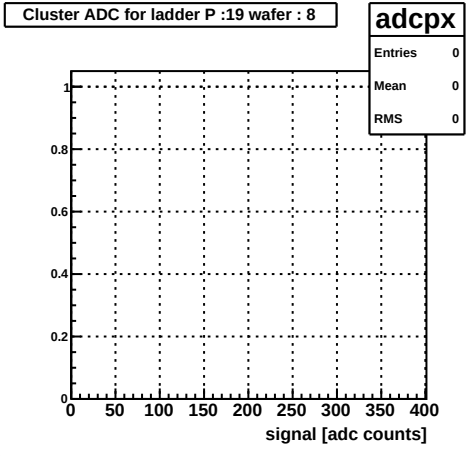

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

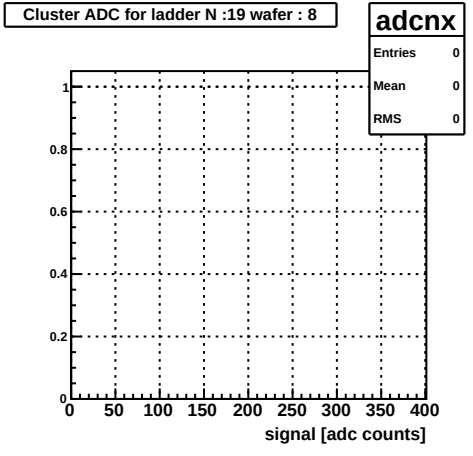

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

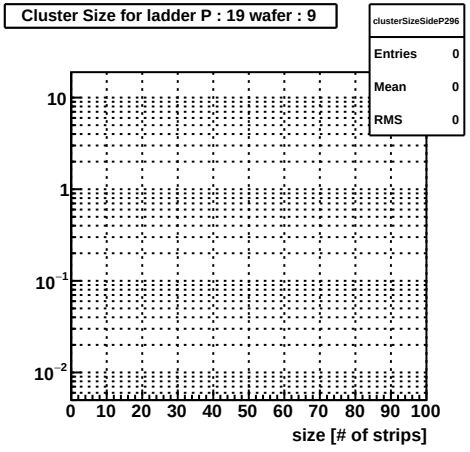

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

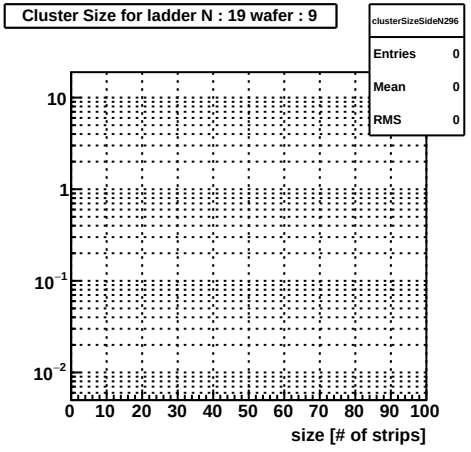

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

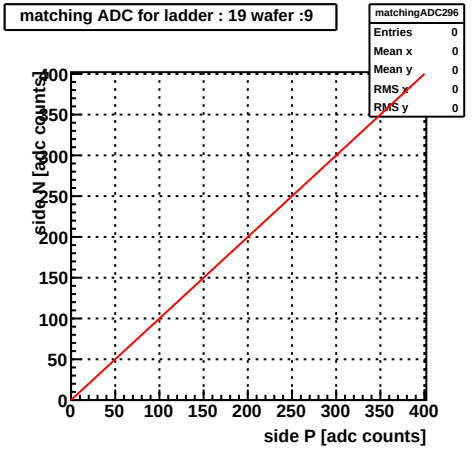

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

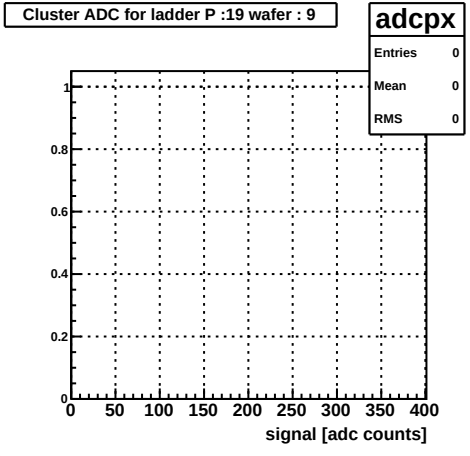

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

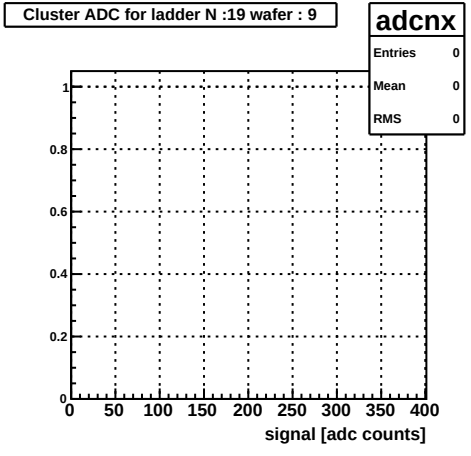

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

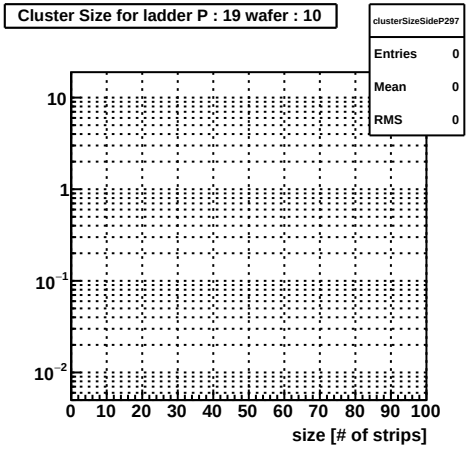

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

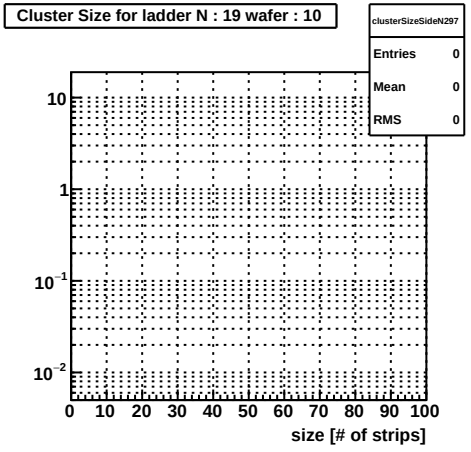

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

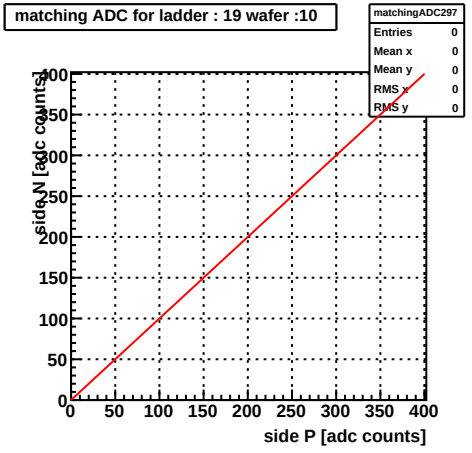

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

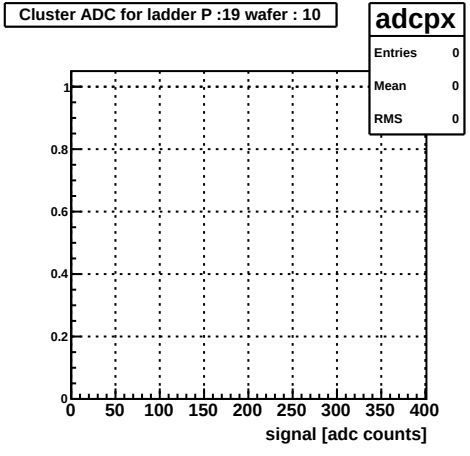

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

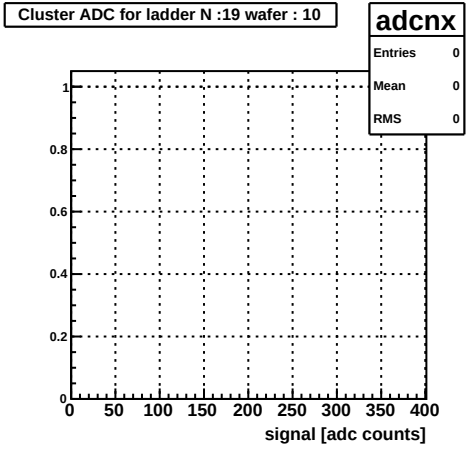

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

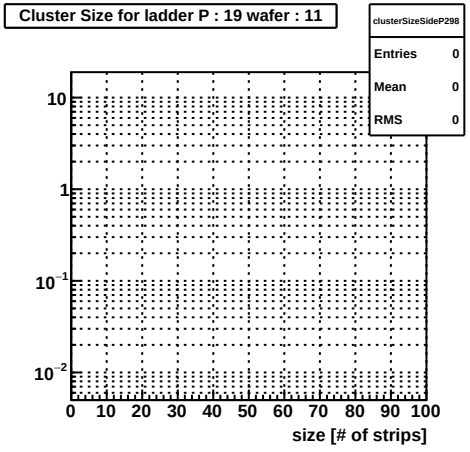

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

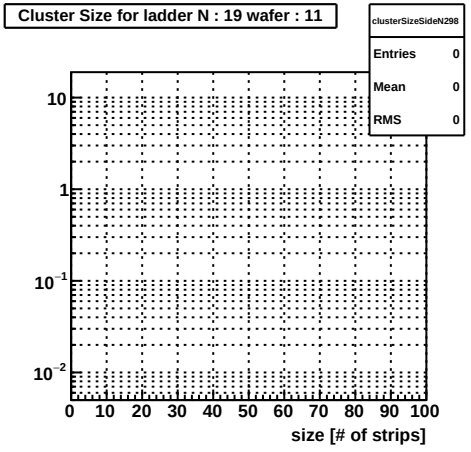

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

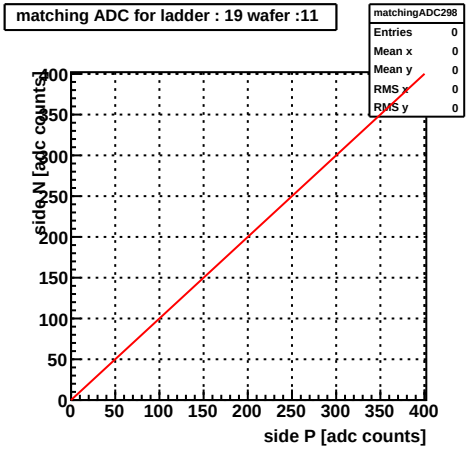

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

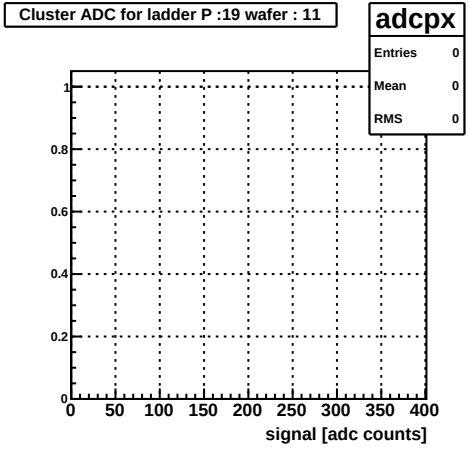

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

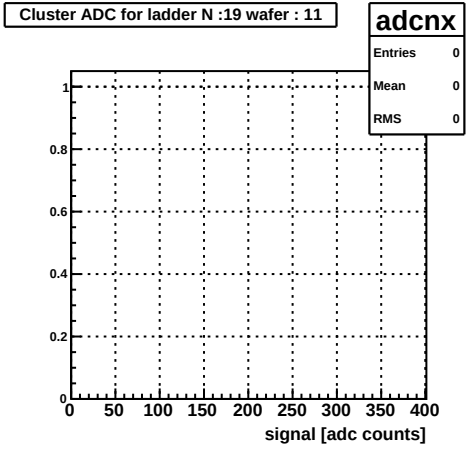

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

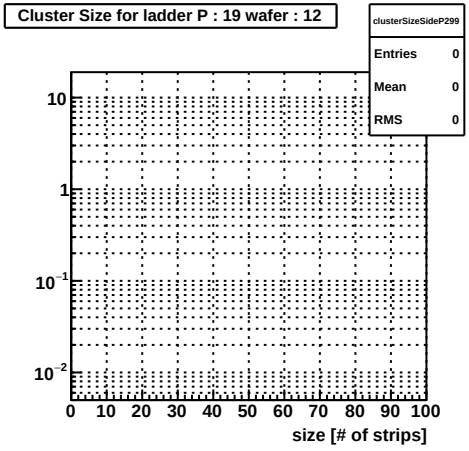

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

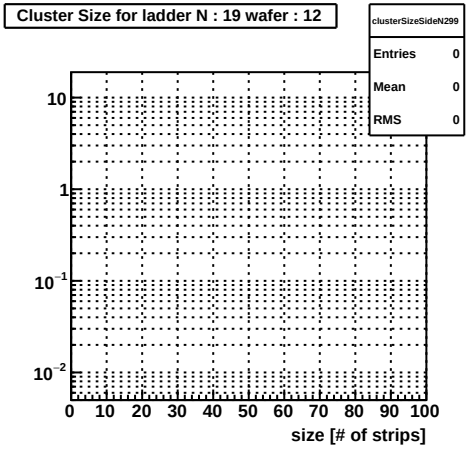

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

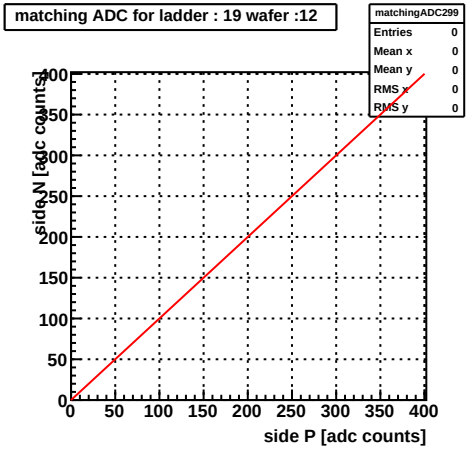

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

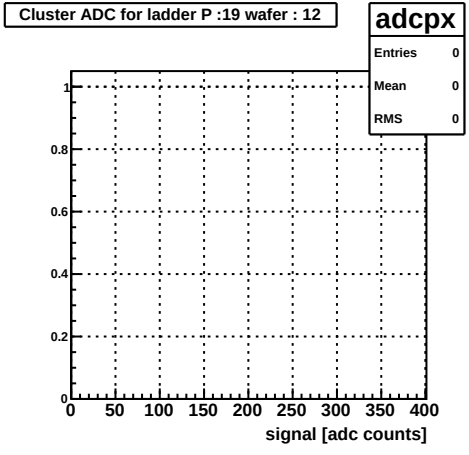

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

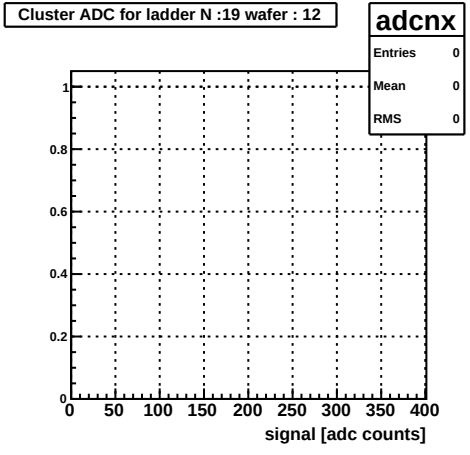

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

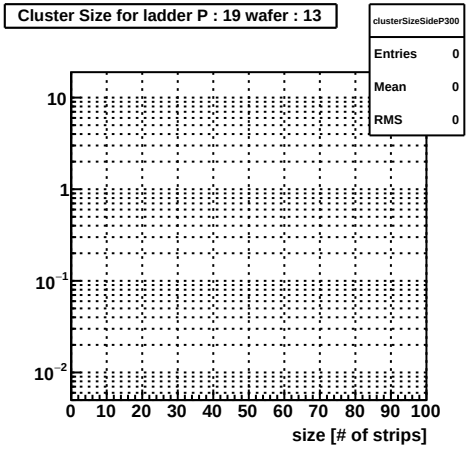

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

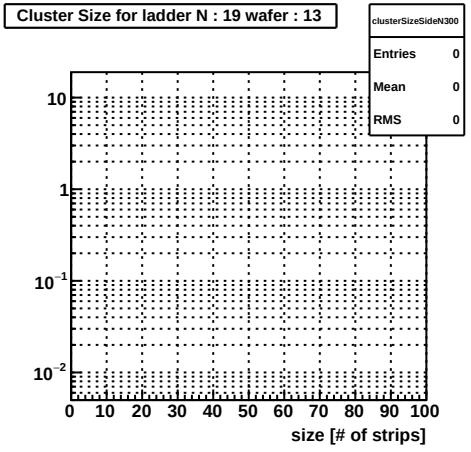

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

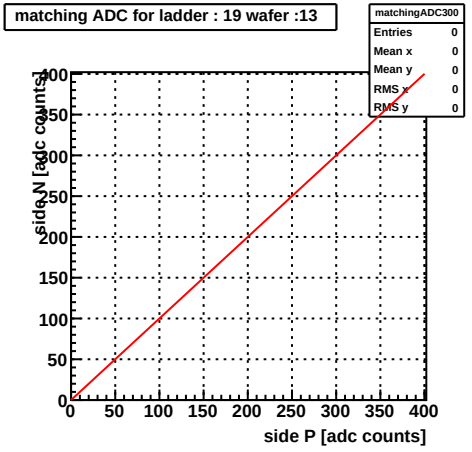

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

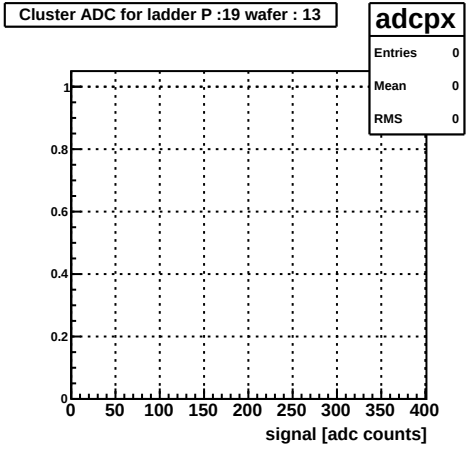

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

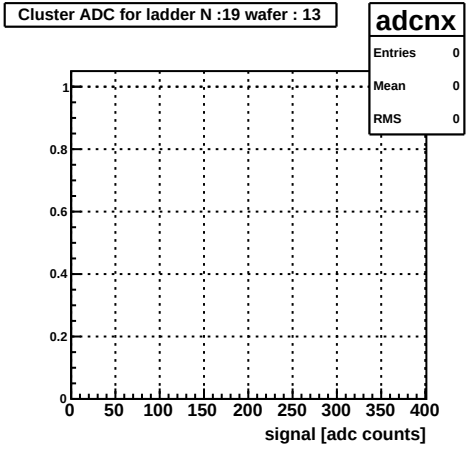

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

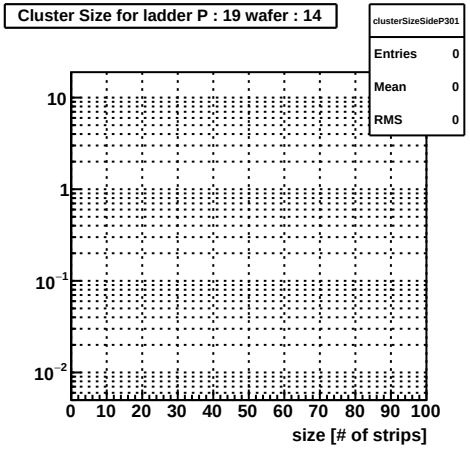

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

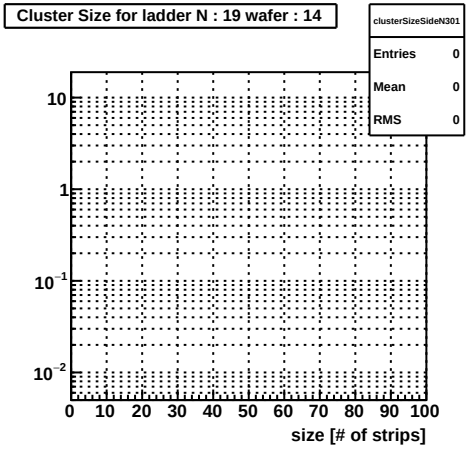

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

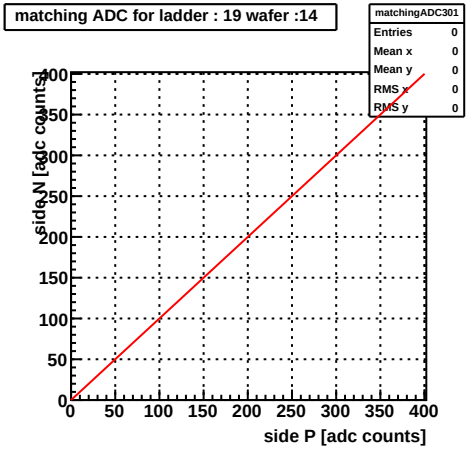

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

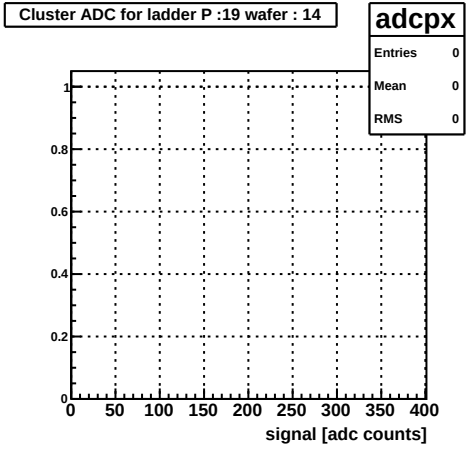

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

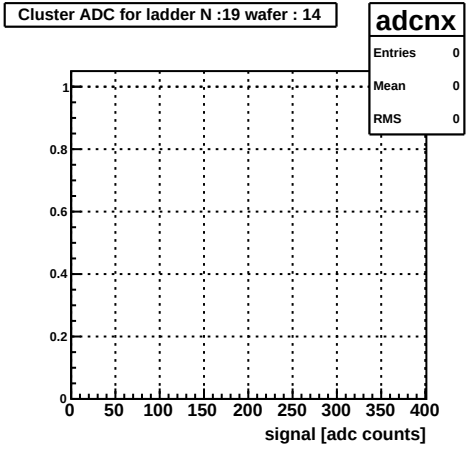

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

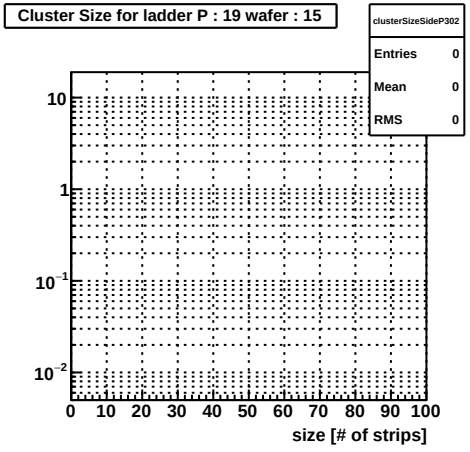

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

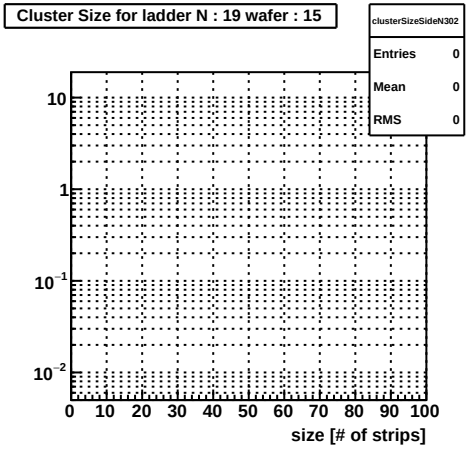

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

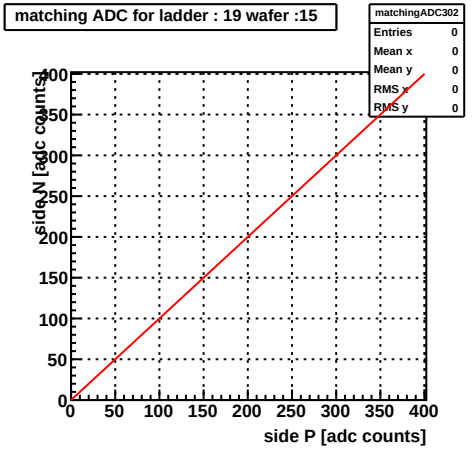

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

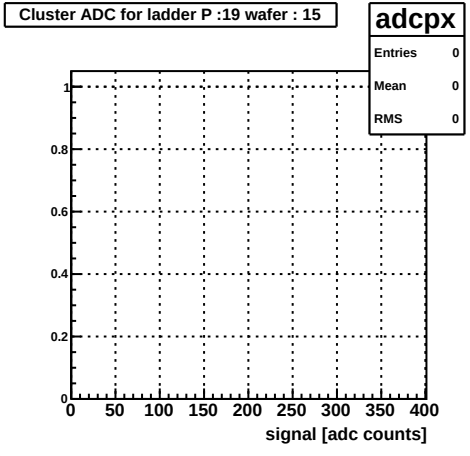

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

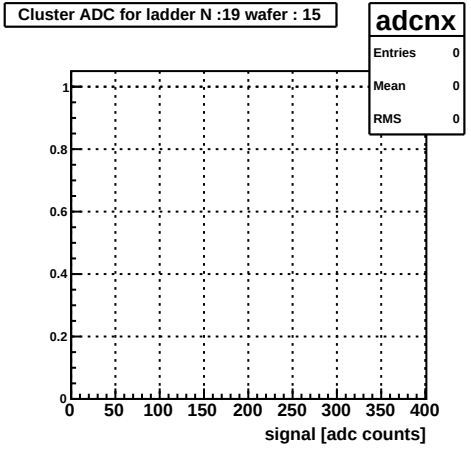

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

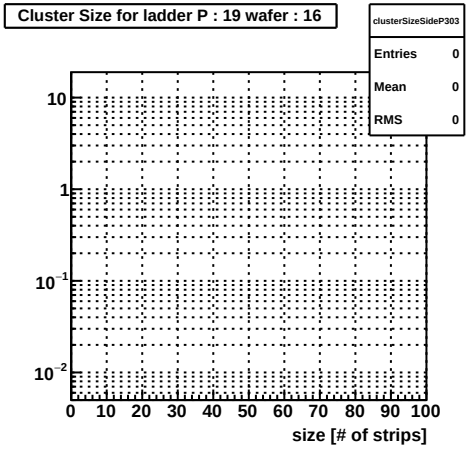

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

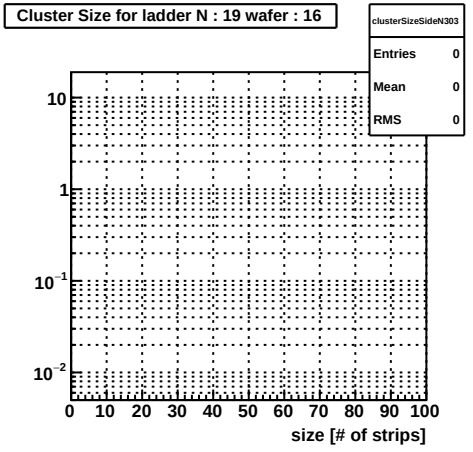

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

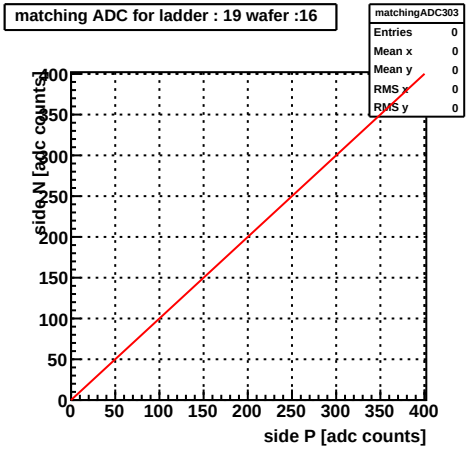

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

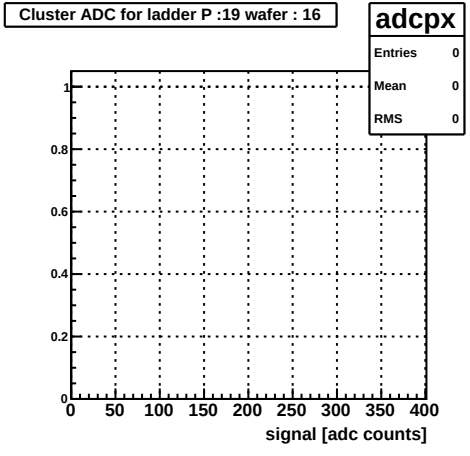

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

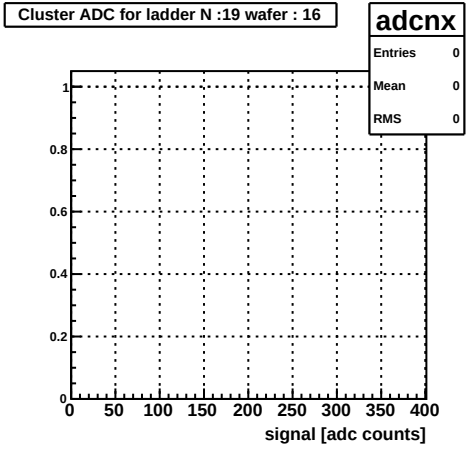

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

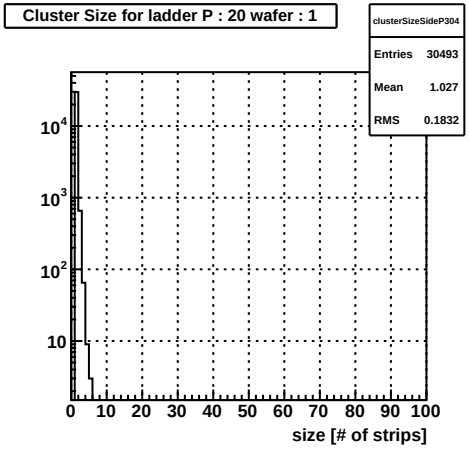

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

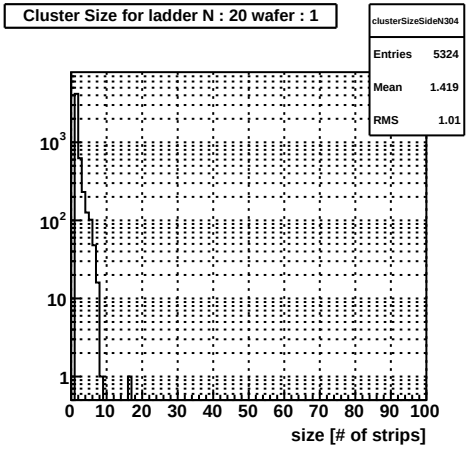

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

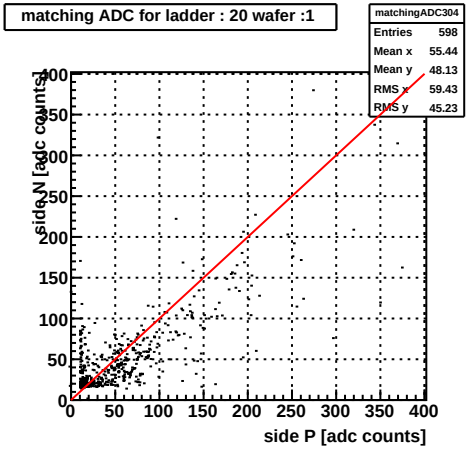

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

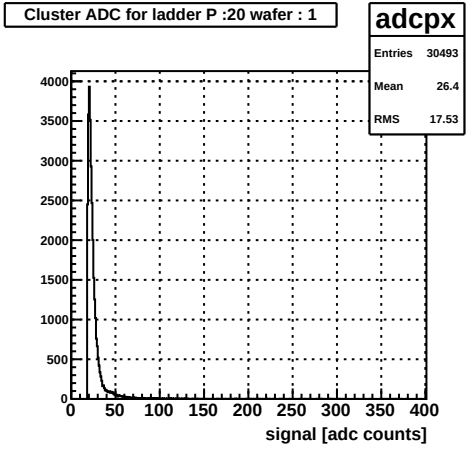

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

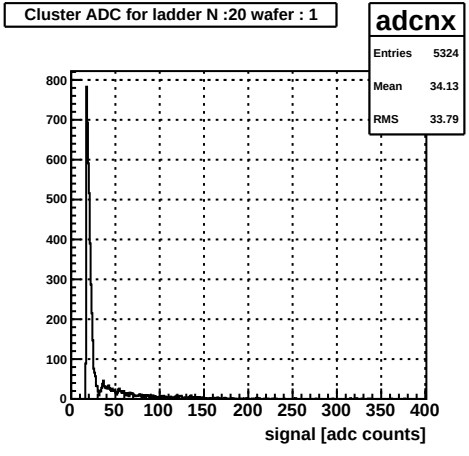

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

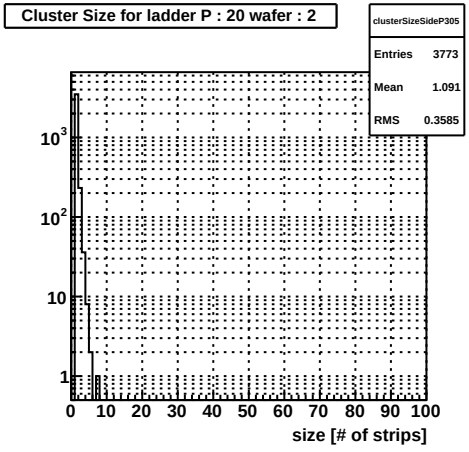

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 30493
Mean 1.027
RMS 0.1832
size [# of strips]

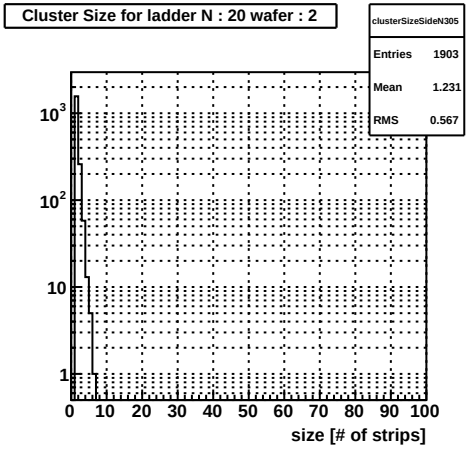

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 5324
Mean 1.419
RMS 1.01
size [# of strips]

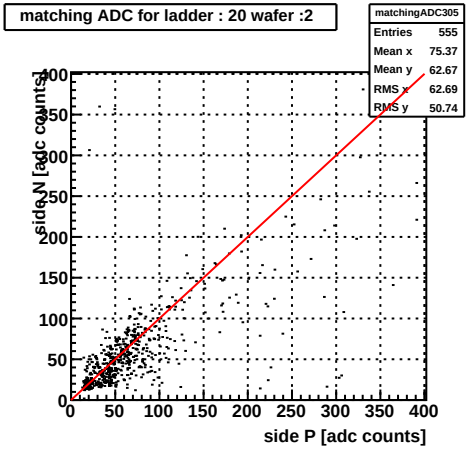

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 598
Mean x 55.44
Mean y 48.13
RMS x 59.43
RMS y 45.23
side N [adc counts]
side P [adc counts]

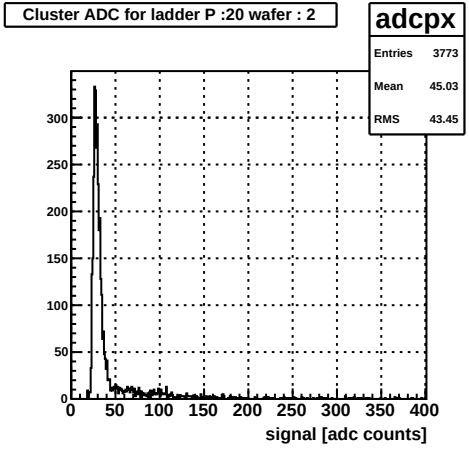

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 30493
Mean 26.4
RMS 17.53
signal [adc counts]

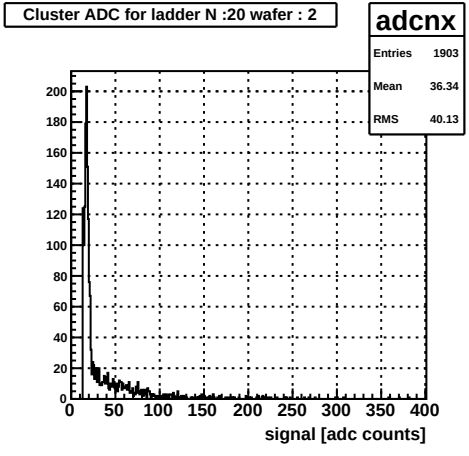

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 5324
Mean 34.13
RMS 33.79
signal [adc counts]

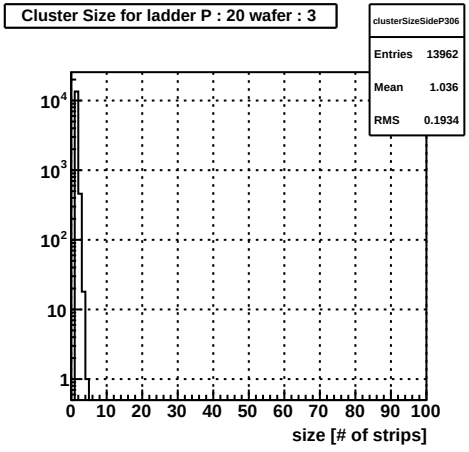

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 3773
Mean 1.091
RMS 0.3585
size [# of strips]

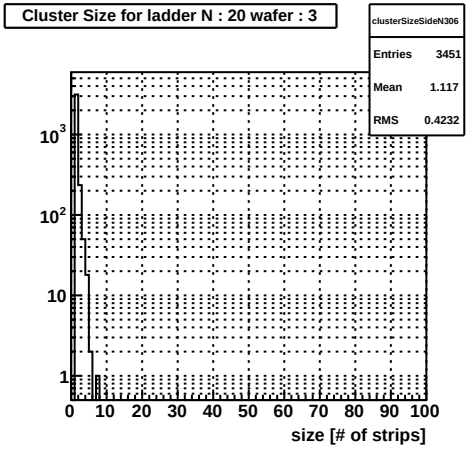

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 1903
Mean 1.231
RMS 0.567
size [# of strips]

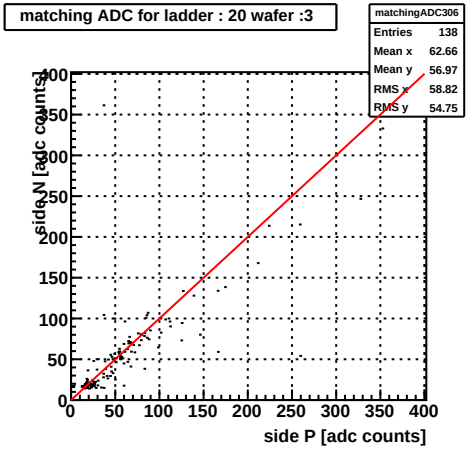

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 555
Mean x 75.37
Mean y 62.67
RMS x 62.69
RMS y 50.74
side N [adc counts]
side P [adc counts]

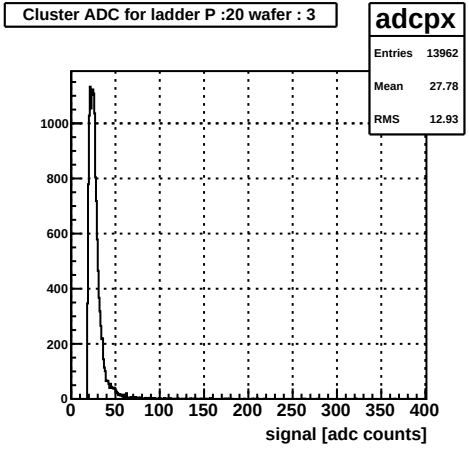

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 3773
Mean 45.03
RMS 43.45
signal [adc counts]

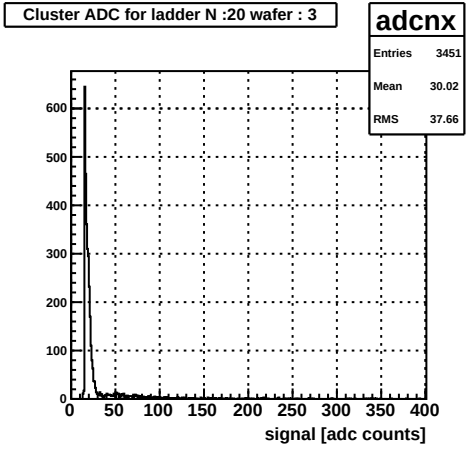

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 1903
Mean 36.34
RMS 40.13
signal [adc counts]

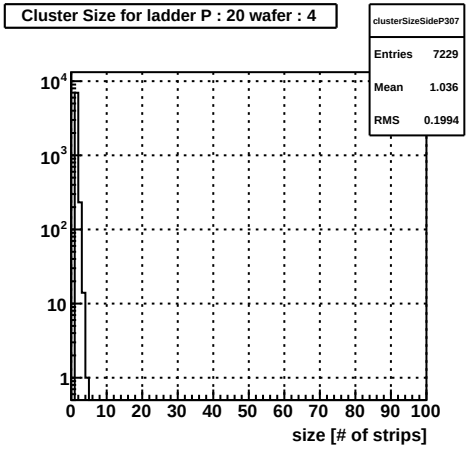

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 13962
Mean 1.036
RMS 0.1934
size [# of strips]

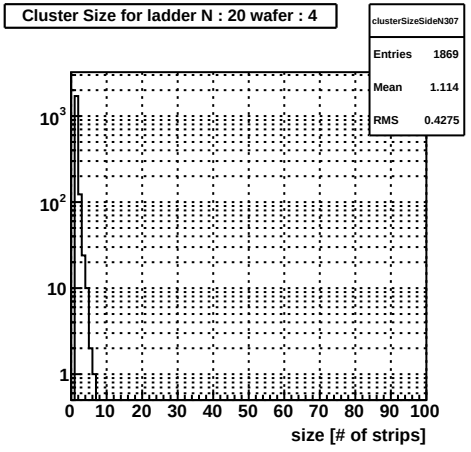

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 3451
Mean 1.117
RMS 0.4232
size [# of strips]

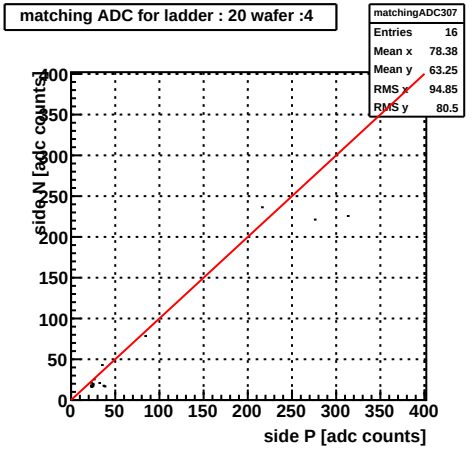

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 138
Mean x 62.66
Mean y 56.97
RMS x 58.82
RMS y 54.75
side N [adc counts]
side P [adc counts]

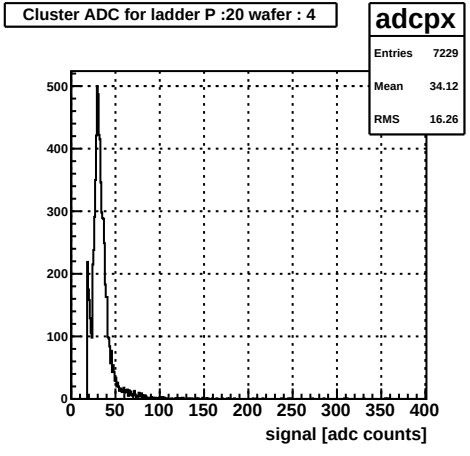

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 13962
Mean 27.78
RMS 12.93
signal [adc counts]

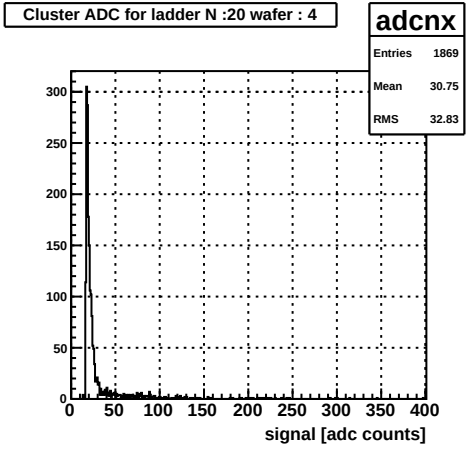

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 3451
Mean 30.02
RMS 37.66
signal [adc counts]

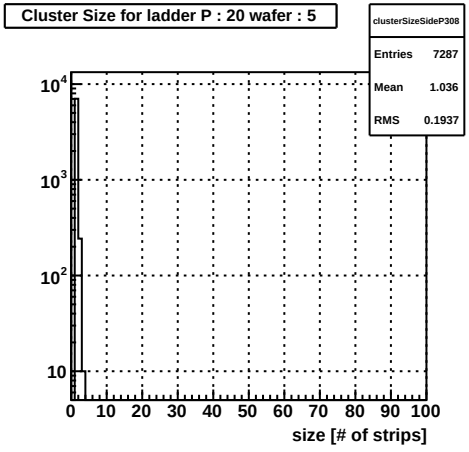

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 7229
Mean 1.036
RMS 0.1994
size [# of strips]

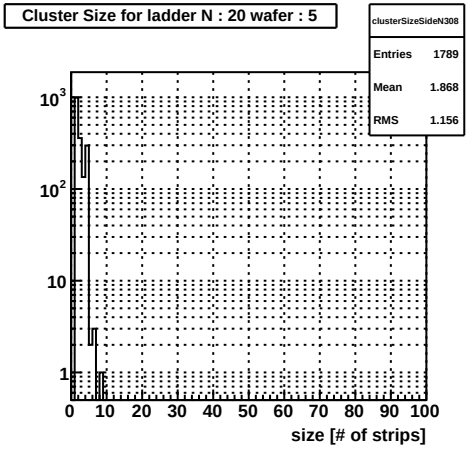

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 1869
Mean 1.114
RMS 0.4275
size [# of strips]

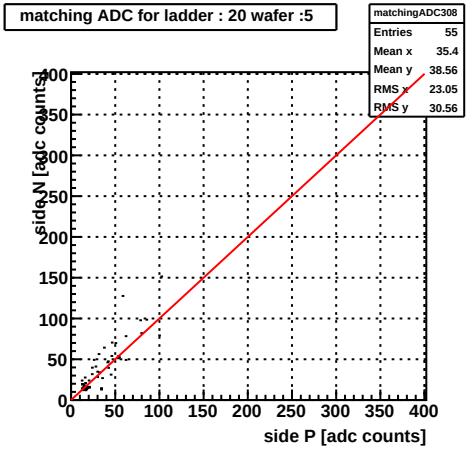

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 16
Mean x 78.38
Mean y 63.25
RMS x 94.85
RMS y 80.5
side N [adc counts]
side P [adc counts]

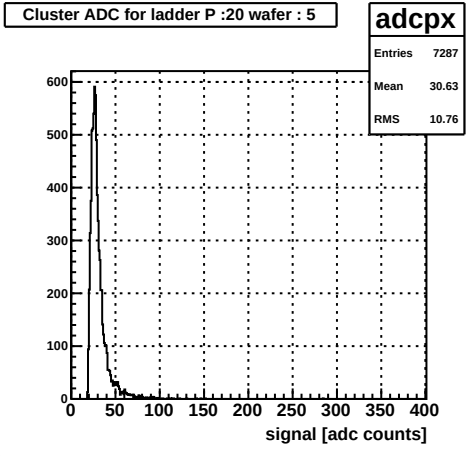

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 7229
Mean 34.12
RMS 16.26
signal [adc counts]

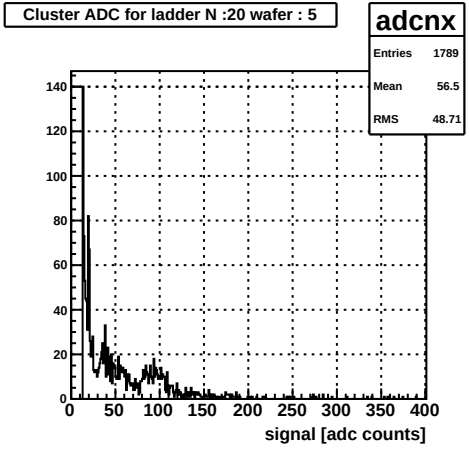

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 1869
Mean 30.75
RMS 32.83
signal [adc counts]

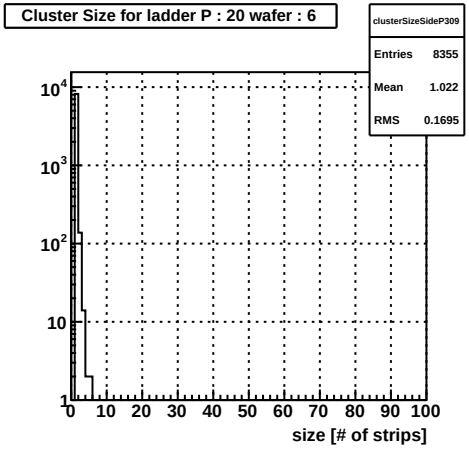

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 7287
Mean 1.036
RMS 0.1937
size [# of strips]

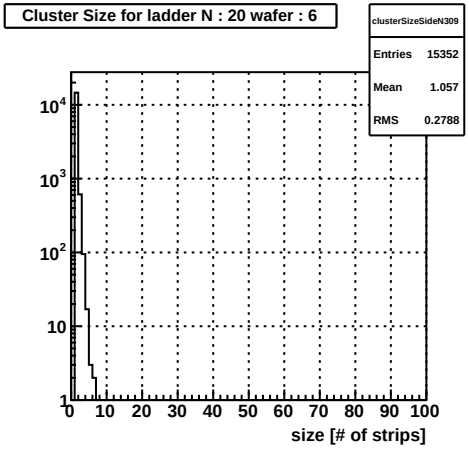

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 1789
Mean 1.868
RMS 1.156
size [# of strips]

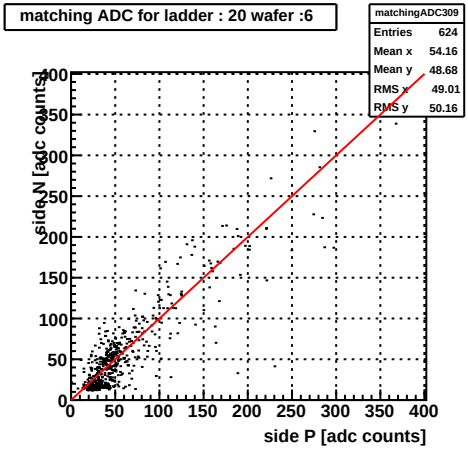

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 55
Mean x 35.4
Mean y 38.56
RMS x 23.05
RMS y 30.56
side N [adc counts]
side P [adc counts]

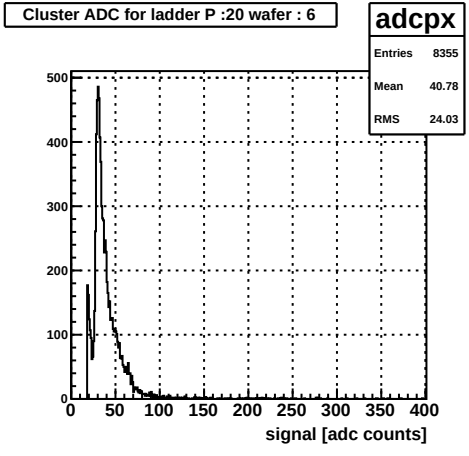

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 7287
Mean 30.63
RMS 10.76
signal [adc counts]

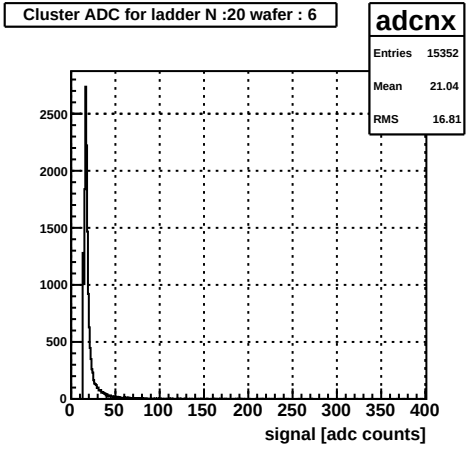

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 1789
Mean 56.5
RMS 48.71
signal [adc counts]

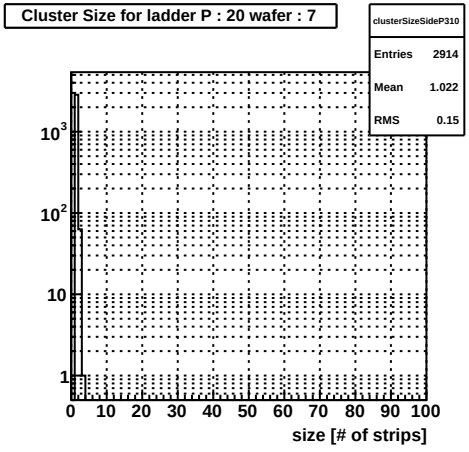

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 8355
Mean 1.022
RMS 0.1695
size [# of strips]

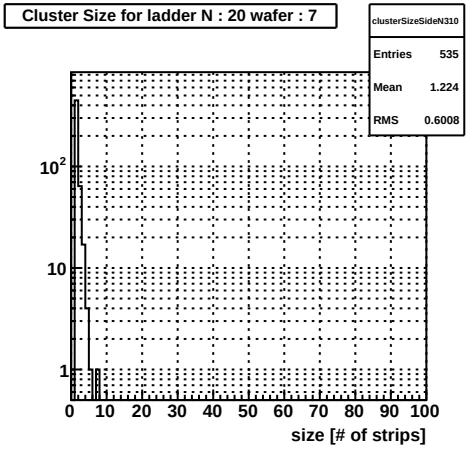

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 15352
Mean 1.057
RMS 0.2788
size [# of strips]

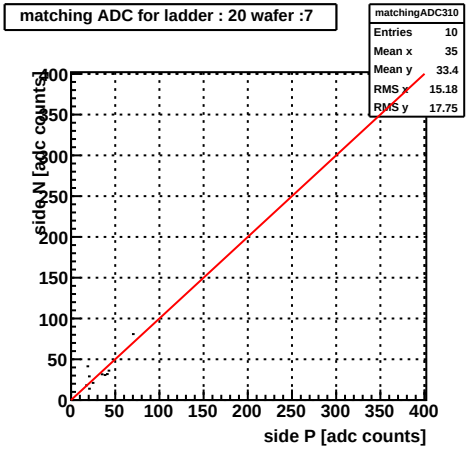

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 624
Mean x 54.16
Mean y 48.68
RMS x 49.01
RMS y 50.16
side N [adc counts]
side P [adc counts]

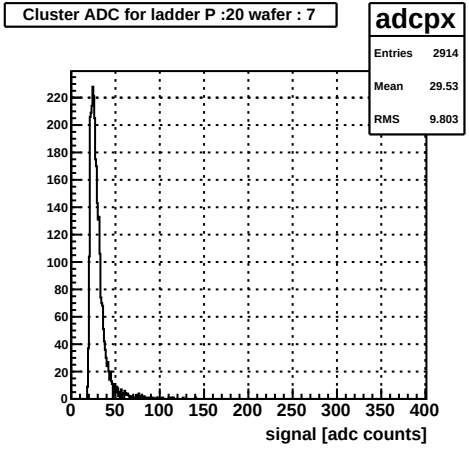

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 8355
Mean 40.78
RMS 24.03
signal [adc counts]

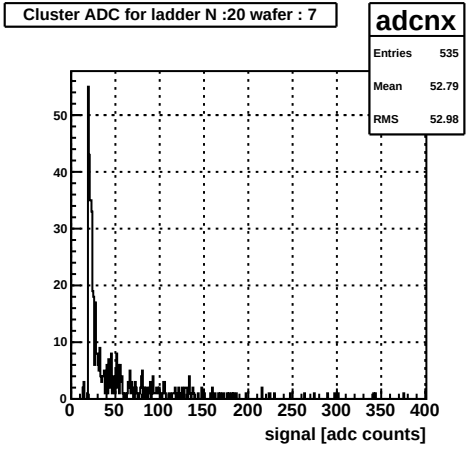

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 15352
Mean 21.04
RMS 16.81
signal [adc counts]

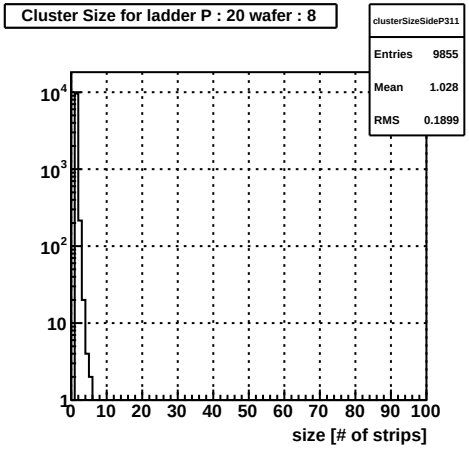

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 2914
Mean 1.022
RMS 0.15
size [# of strips]

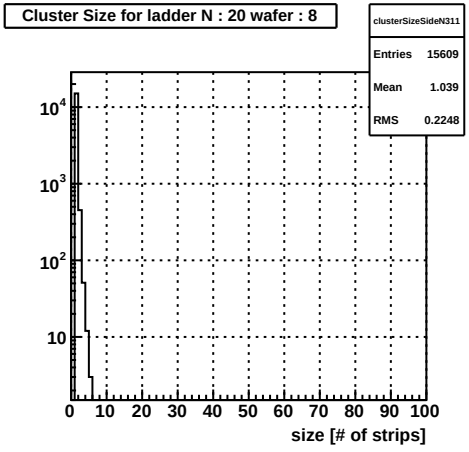

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 535
Mean 1.224
RMS 0.6008
size [# of strips]

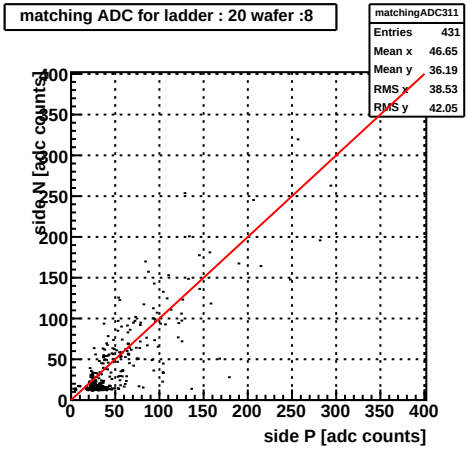

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 10
Mean x 35
Mean y 33.4
RMS x 15.18
RMS y 17.75
side N [adc counts]
side P [adc counts]

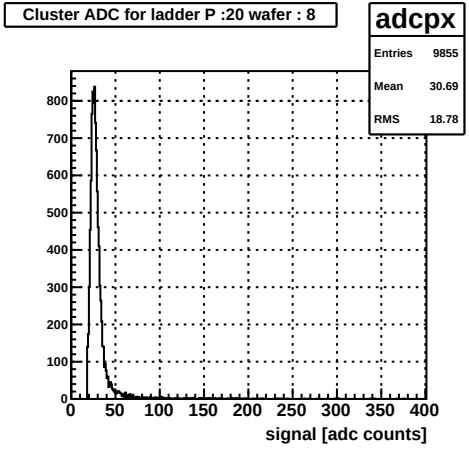

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 2914
Mean 29.53
RMS 9.803
signal [adc counts]

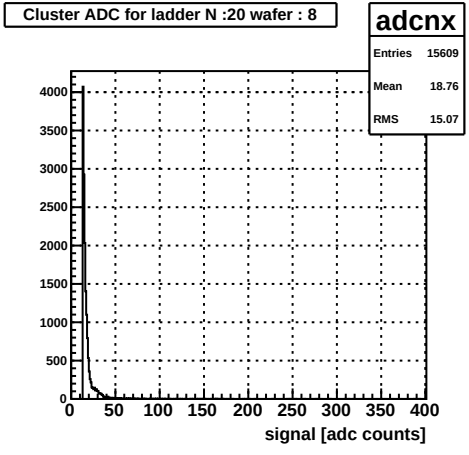

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 535
Mean 52.79
RMS 52.98
signal [adc counts]

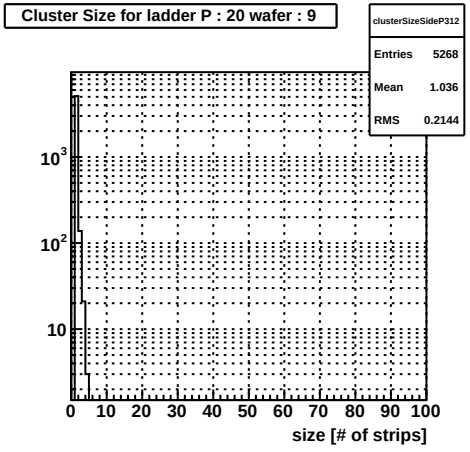

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 9855
Mean 1.028
RMS 0.1899
size [# of strips]

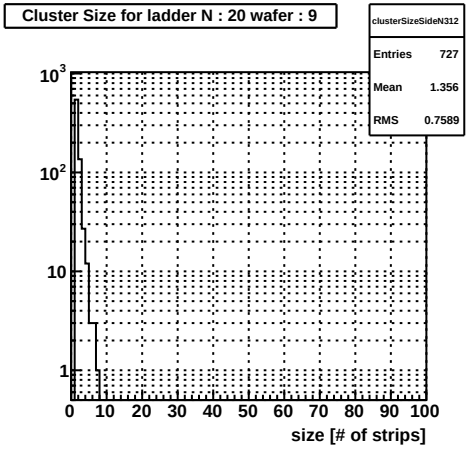

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 15609
Mean 1.039
RMS 0.2248
size [# of strips]

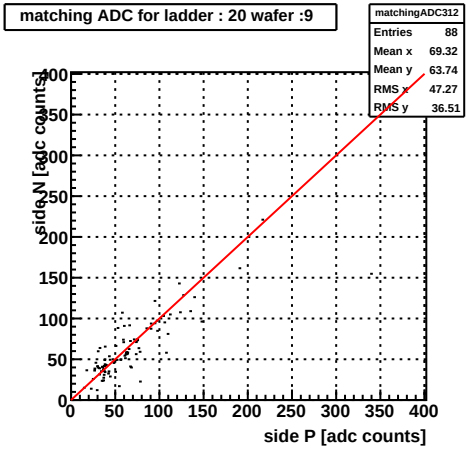

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 431
Mean x 46.65
Mean y 36.19
RMS x 38.53
RMS y 42.05
side N [adc counts]
side P [adc counts]

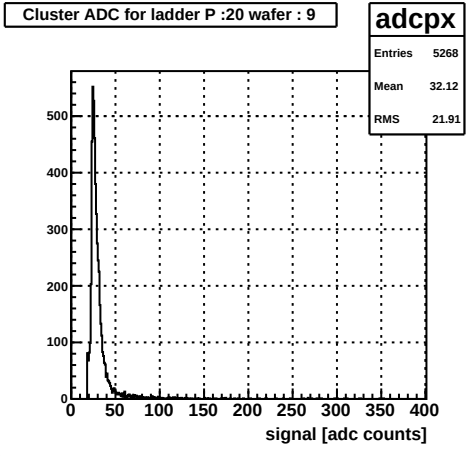

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 9855
Mean 30.69
RMS 18.78
signal [adc counts]

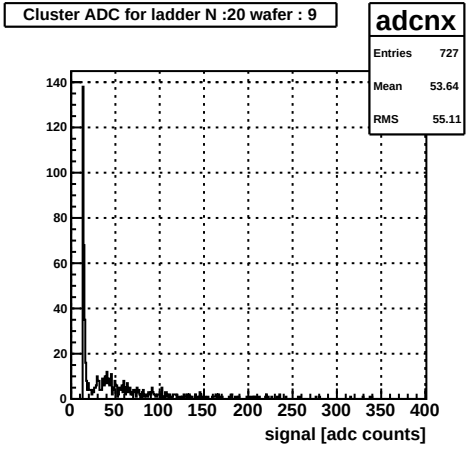

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 15609
Mean 18.76
RMS 15.07
signal [adc counts]

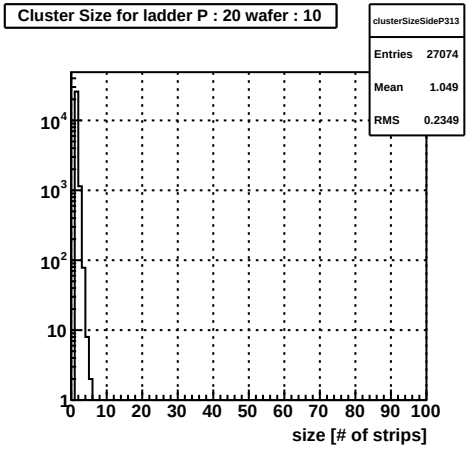

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 5268
Mean 1.036
RMS 0.2144
size [# of strips]

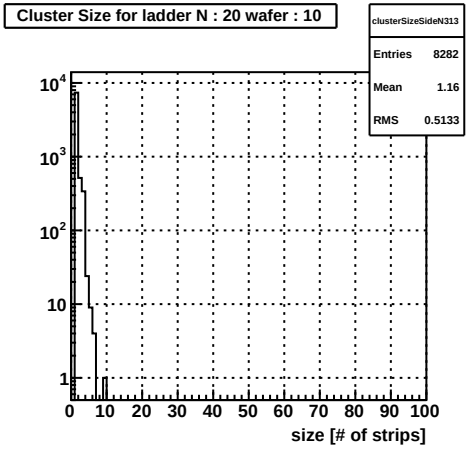

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 727
Mean 1.356
RMS 0.7589
size [# of strips]

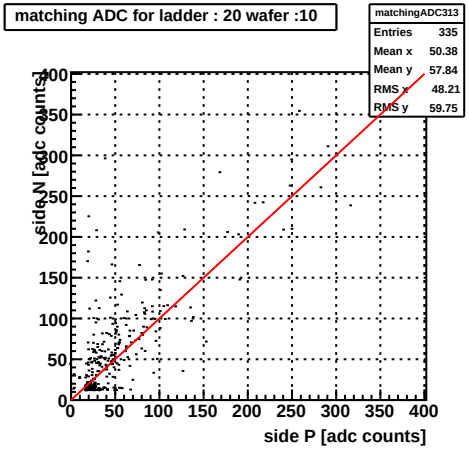

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 88
Mean x 69.32
Mean y 63.74
RMS x 47.27
RMS y 36.51
side N [adc counts]
side P [adc counts]

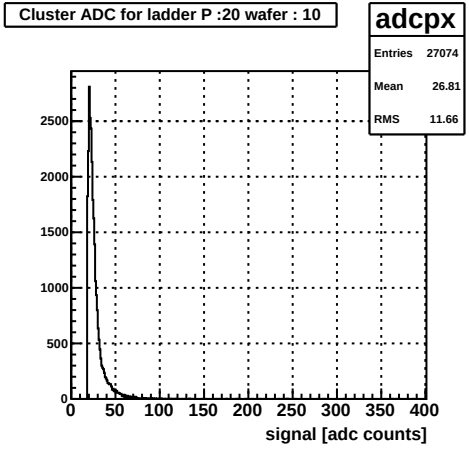

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 5268
Mean 32.12
RMS 21.91
signal [adc counts]

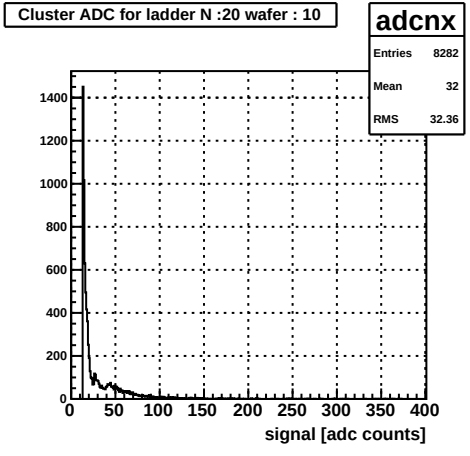

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 727
Mean 53.64
RMS 55.11
signal [adc counts]

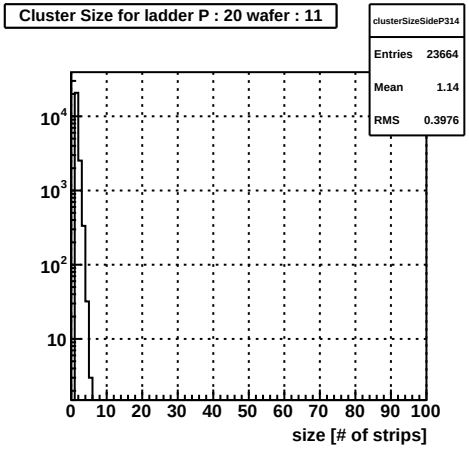

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 27074
Mean 1.049
RMS 0.2349
size [# of strips]

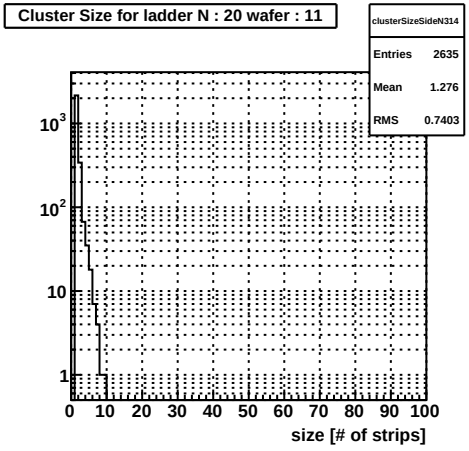

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 8282
Mean 1.16
RMS 0.5133
size [# of strips]

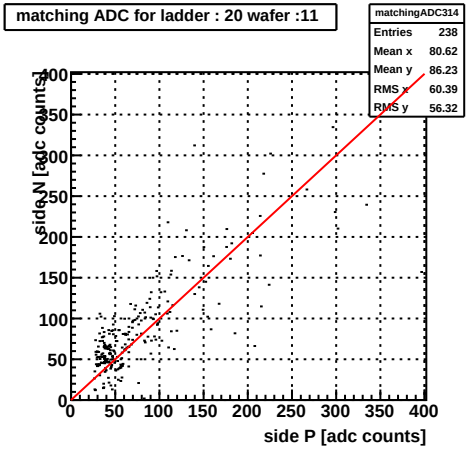

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 335
Mean x 50.38
Mean y 57.84
RMS x 48.21
RMS y 59.75
side N [adc counts]
side P [adc counts]

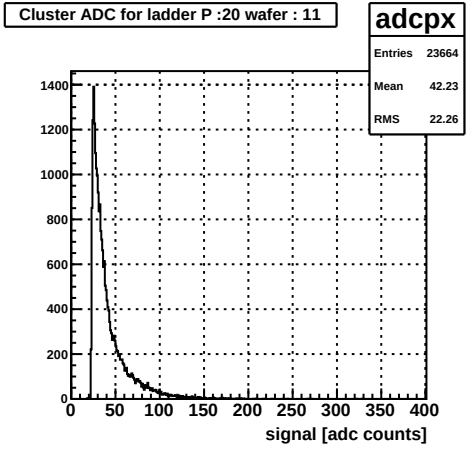

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 27074
Mean 26.81
RMS 11.66
signal [adc counts]

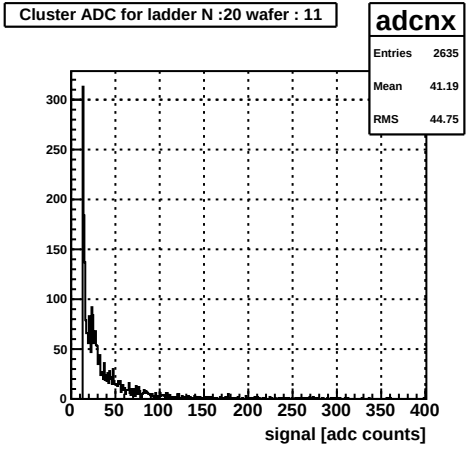

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 8282
Mean 32
RMS 32.36
signal [adc counts]

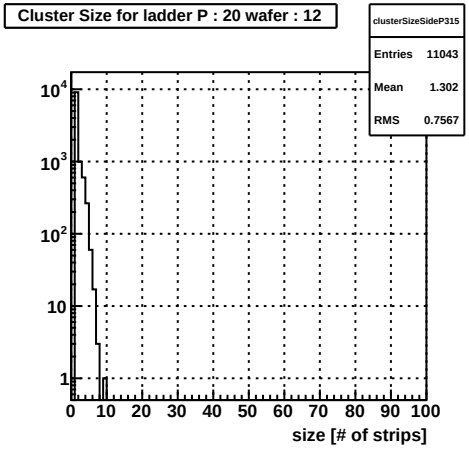

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 23664
Mean 1.14
RMS 0.3976
size [# of strips]

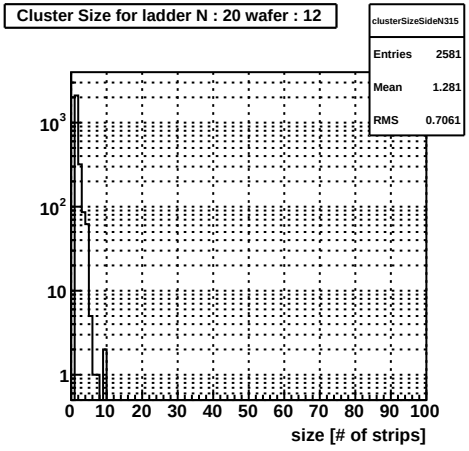

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 2635
Mean 1.276
RMS 0.7403
size [# of strips]

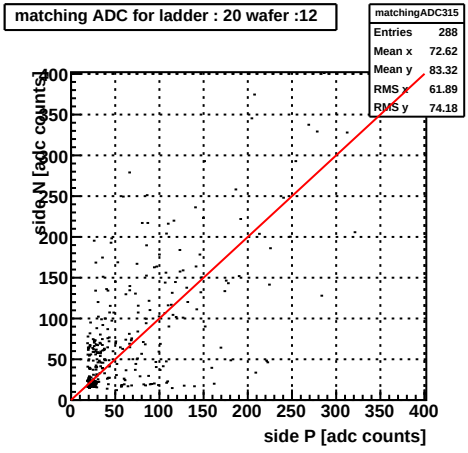

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 238
Mean x 80.62
Mean y 86.23
RMS x 60.39
RMS y 56.32
side N [adc counts]
side P [adc counts]

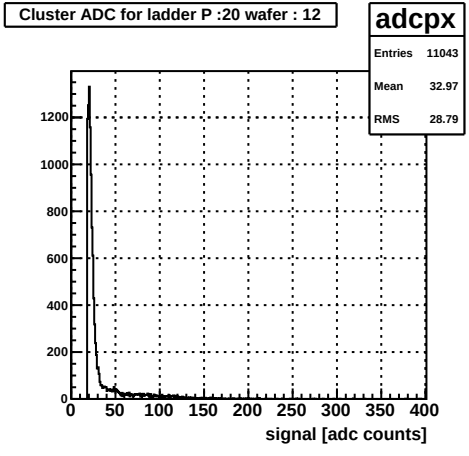

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 23664
Mean 42.23
RMS 22.26
signal [adc counts]

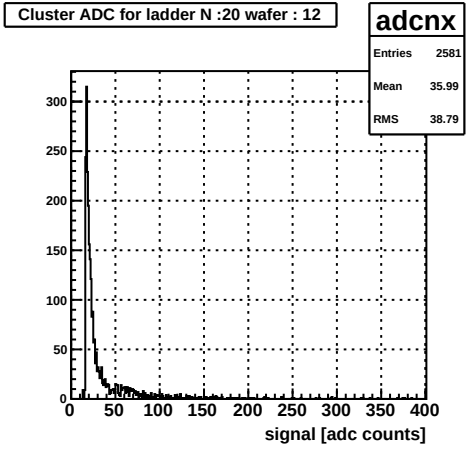

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 2635
Mean 41.19
RMS 44.75
signal [adc counts]

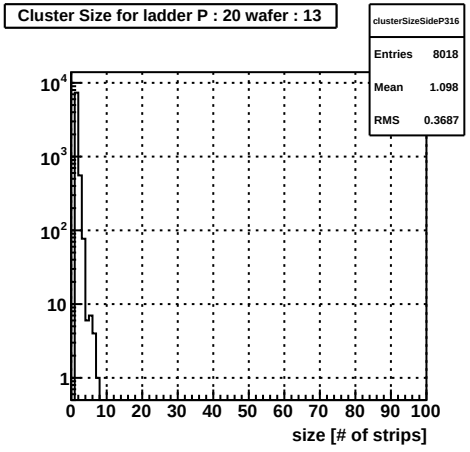

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 11043
Mean 1.302
RMS 0.7567
size [# of strips]

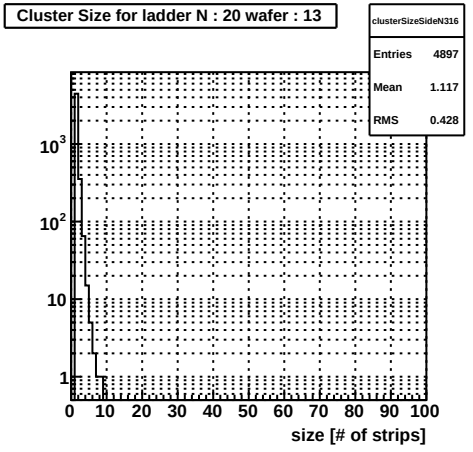

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 2581
Mean 1.281
RMS 0.7061
size [# of strips]

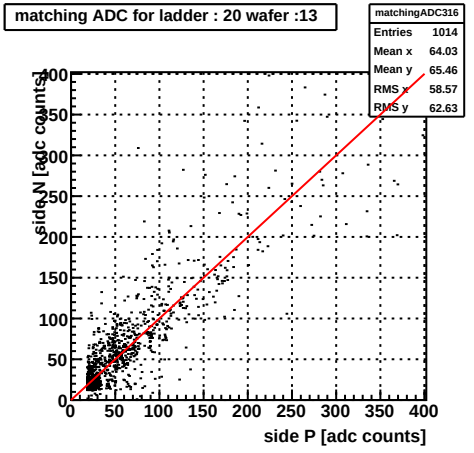

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 288
Mean x 72.62
Mean y 83.32
RMS x 61.89
RMS y 74.18
side N [adc counts]
side P [adc counts]

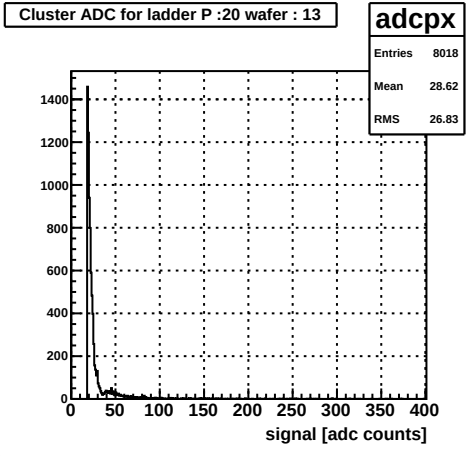

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 11043
Mean 32.97
RMS 28.79
signal [adc counts]

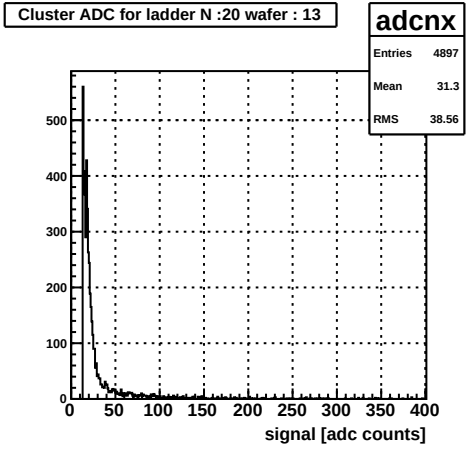

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 2581
Mean 35.99
RMS 38.79
signal [adc counts]

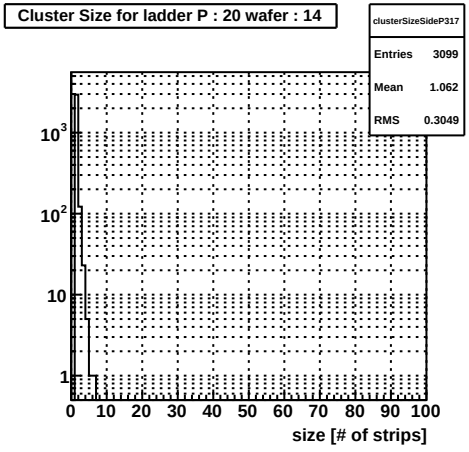

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 8018
Mean 1.098
RMS 0.3687
size [# of strips]

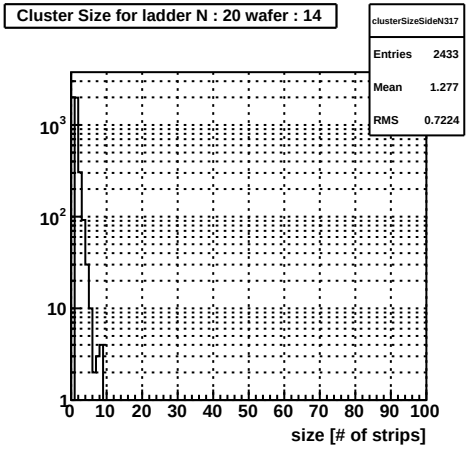

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 4897
Mean 1.117
RMS 0.428
size [# of strips]

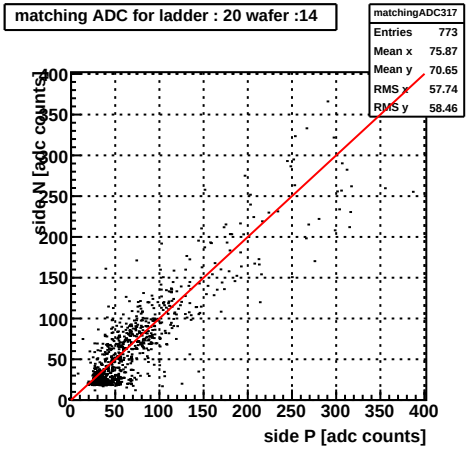

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 1014
Mean x 64.03
Mean y 65.46
RMS x 58.57
RMS y 62.63
side N [adc counts]
side P [adc counts]

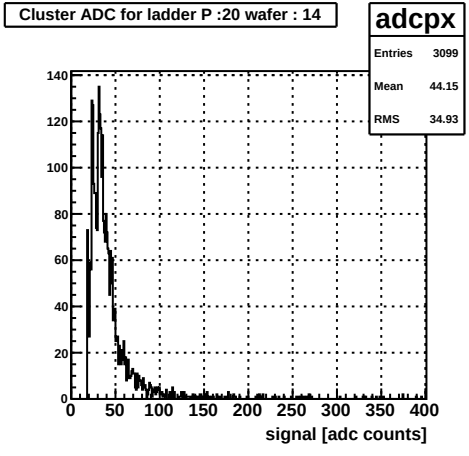

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 8018
Mean 28.62
RMS 26.83
signal [adc counts]

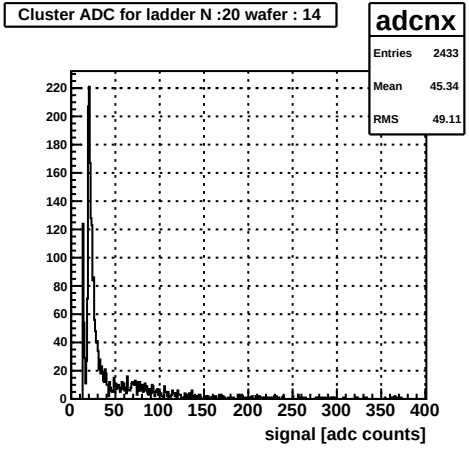

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 4897
Mean 31.3
RMS 38.56
signal [adc counts]

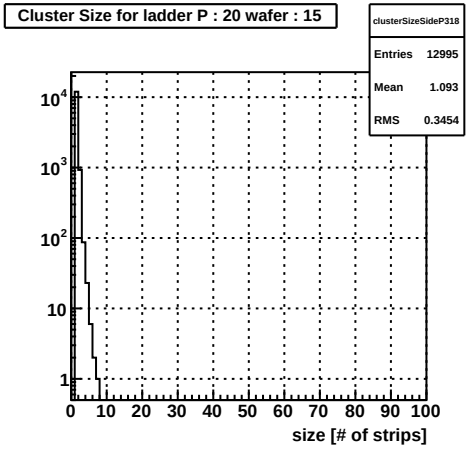

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 3099
Mean 1.062
RMS 0.3049
size [# of strips]

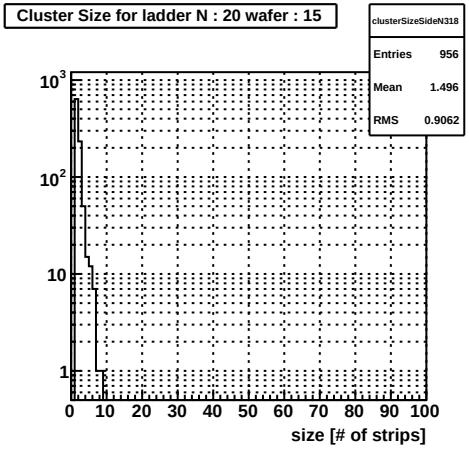

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 2433
Mean 1.277
RMS 0.7224
size [# of strips]

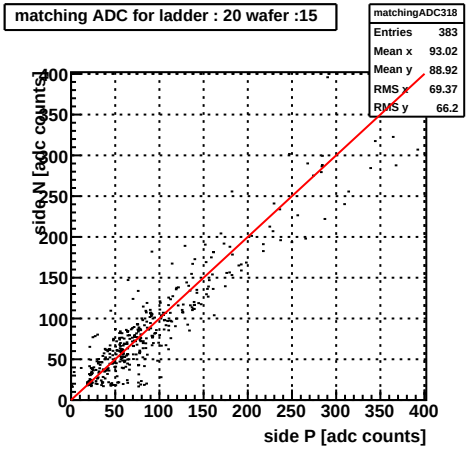

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 773
Mean x 75.87
Mean y 70.65
RMS x 57.74
RMS y 58.46
side N [adc counts]
side P [adc counts]

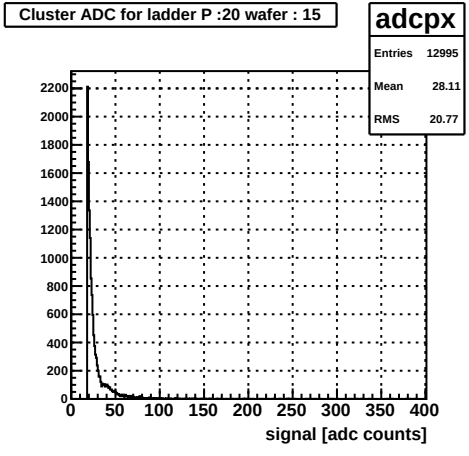

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 3099
Mean 44.15
RMS 34.93
signal [adc counts]

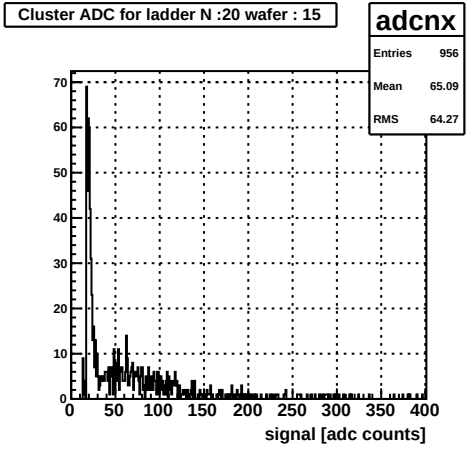

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 2433
Mean 45.34
RMS 49.11
signal [adc counts]

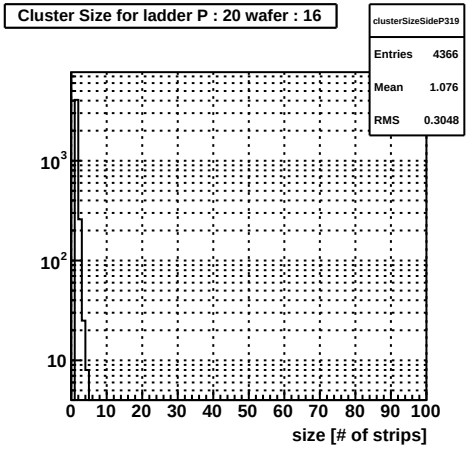

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 12995
Mean 1.093
RMS 0.3454
size [# of strips]

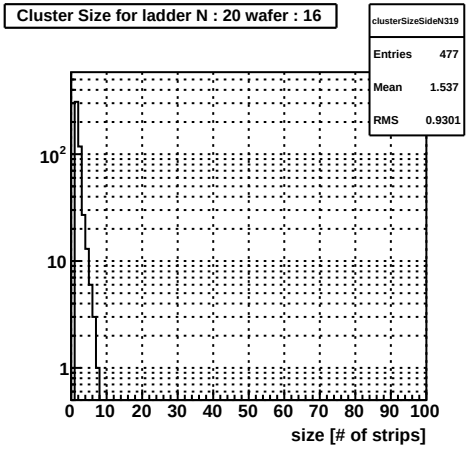

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 956
Mean 1.496
RMS 0.9062
size [# of strips]

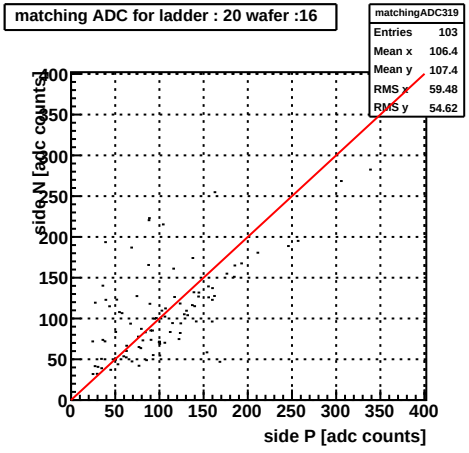

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 383
Mean x 93.02
Mean y 88.92
RMS x 69.37
RMS y 66.2
side N [adc counts]
side P [adc counts]

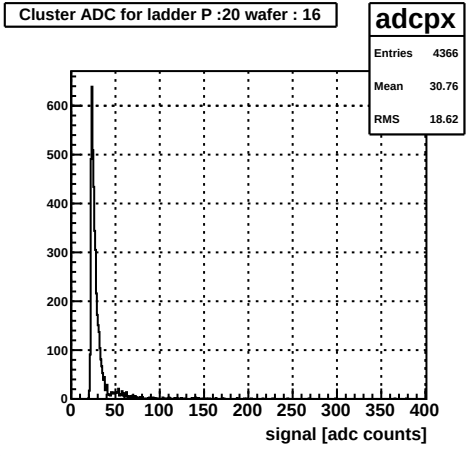

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 12995
Mean 28.11
RMS 20.77
signal [adc counts]

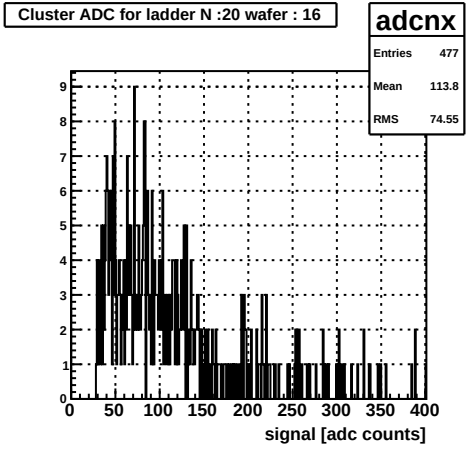

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 956
Mean 65.09
RMS 64.27
signal [adc counts]

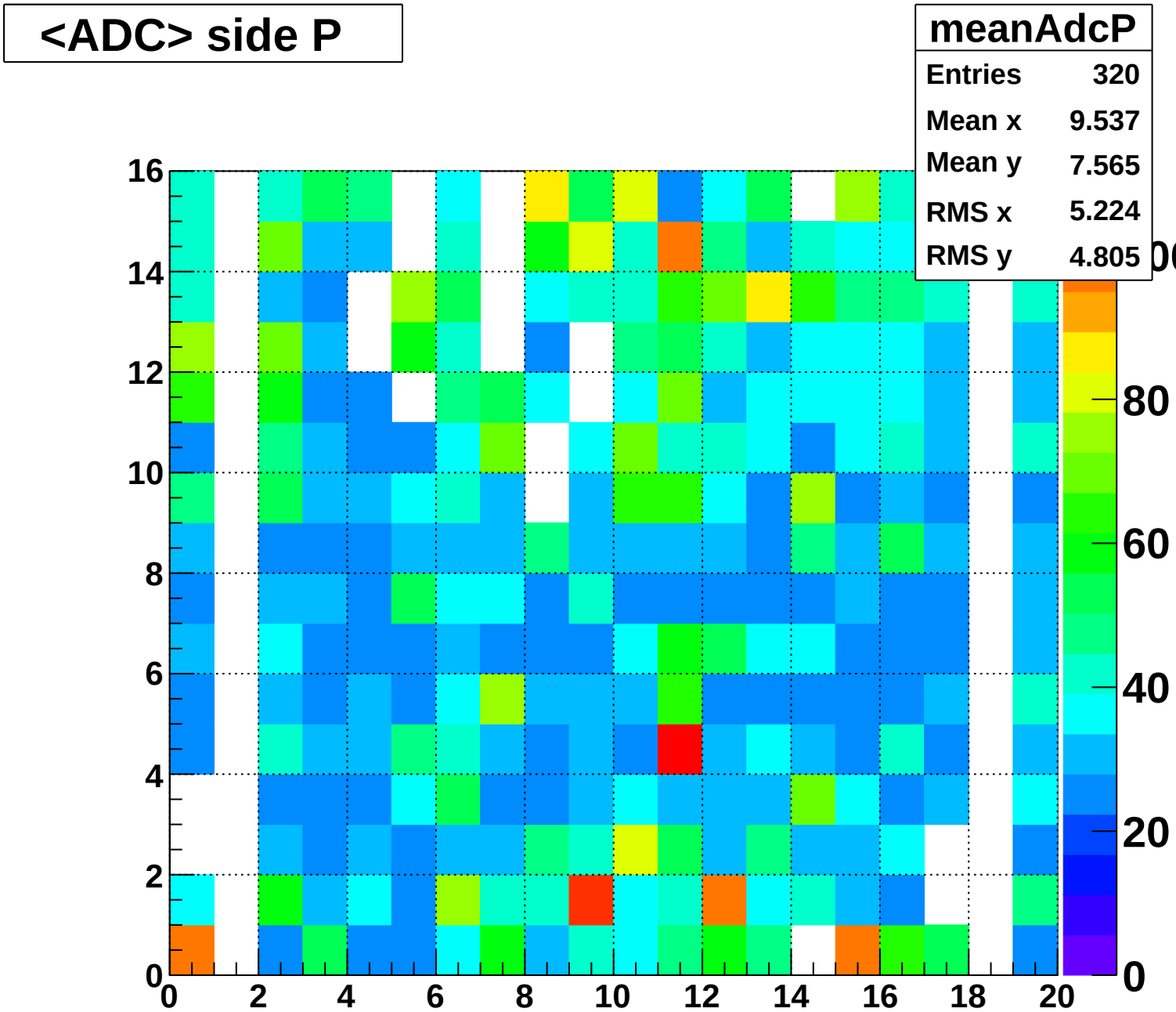

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 4366
Mean 1.076
RMS 0.3048
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 477
Mean 1.537
RMS 0.9301
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 103
Mean x 106.4
Mean y 107.4
RMS x 59.48
RMS y 54.62
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 4366
Mean 30.76
RMS 18.62
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 477
Mean 113.8
RMS 74.55
signal [adc counts]



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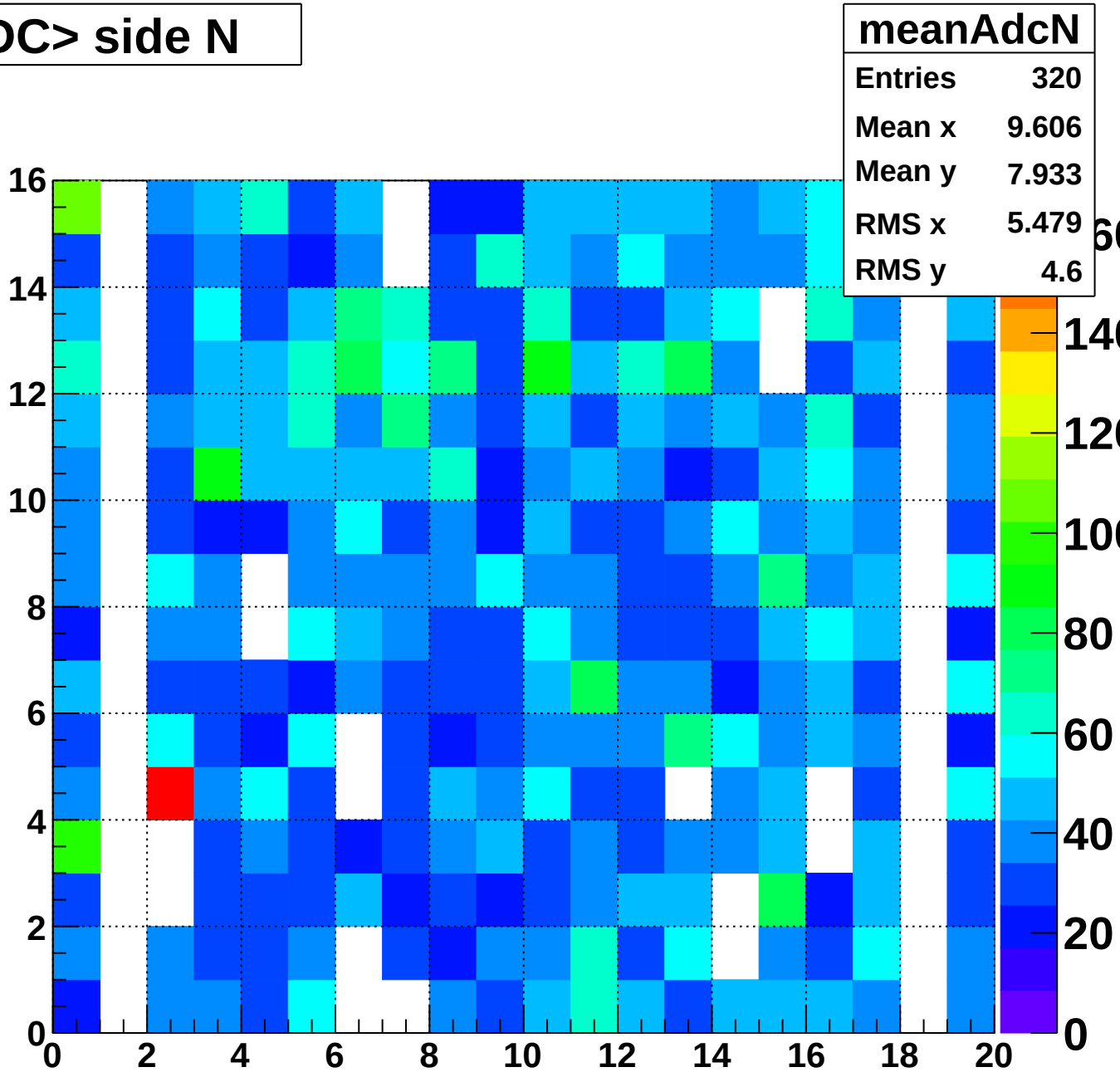
<ADC> side N



2016-05-22 13:23:43