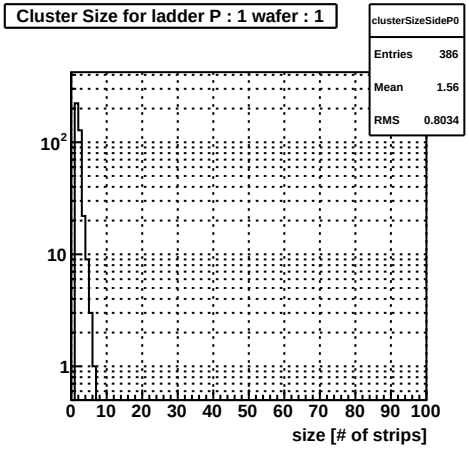
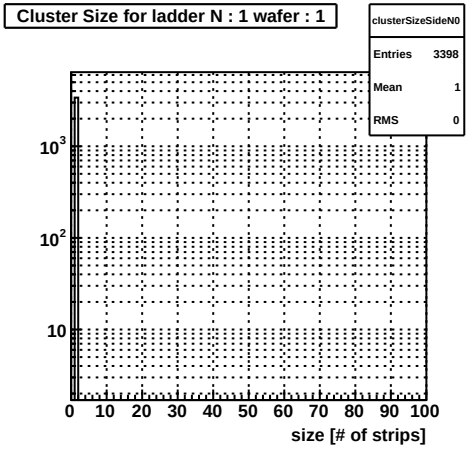
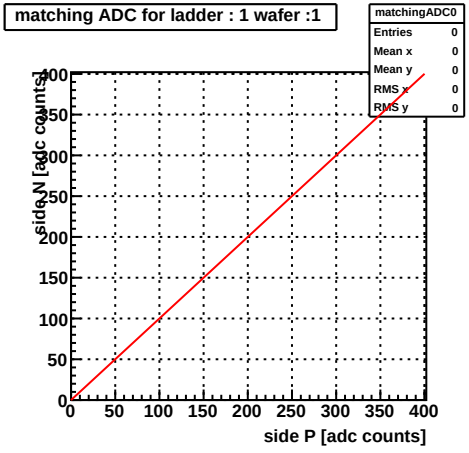
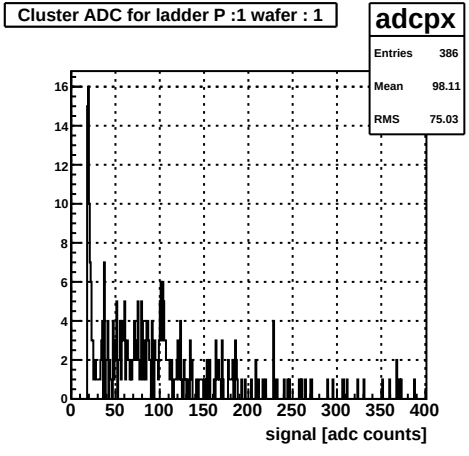
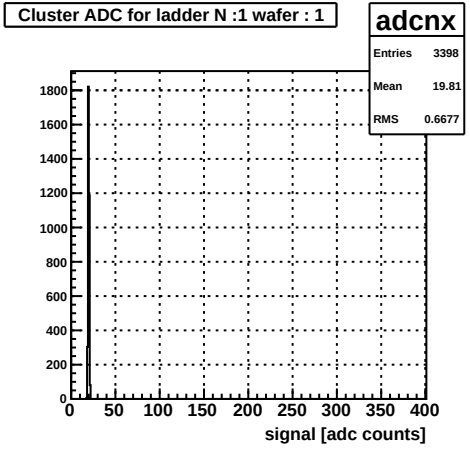
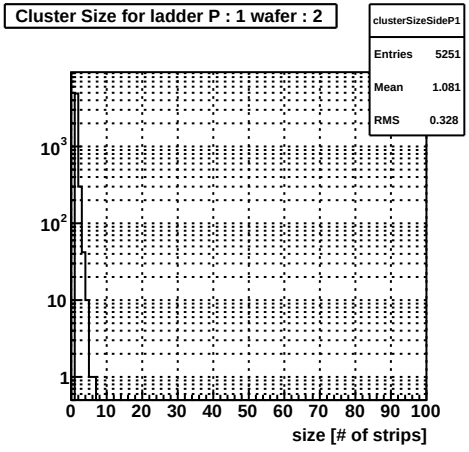

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 386
Mean 1.56
RMS 0.8034
size [# of strips]

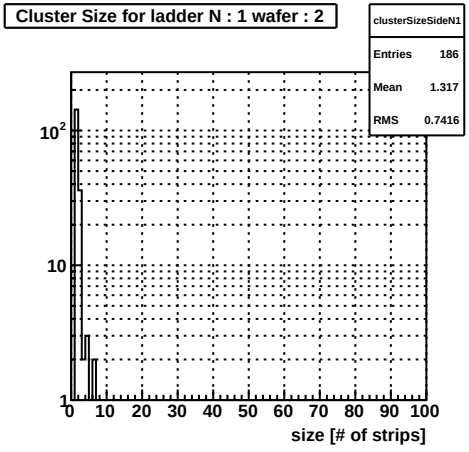

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 3398
Mean 1
RMS 0
size [# of strips]

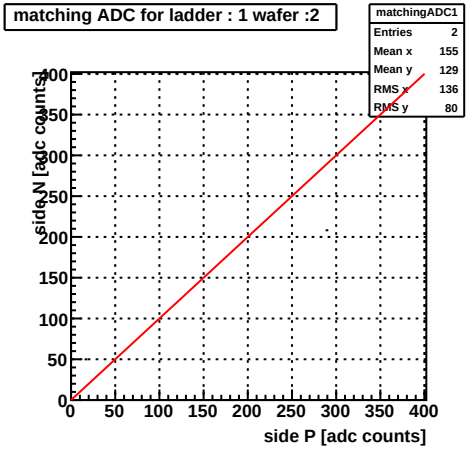

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

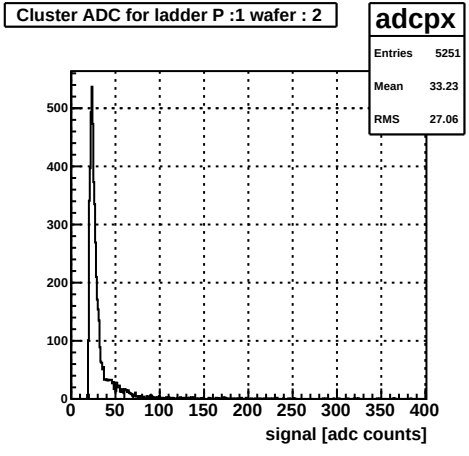

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 386
Mean 98.11
RMS 75.03
signal [adc counts]

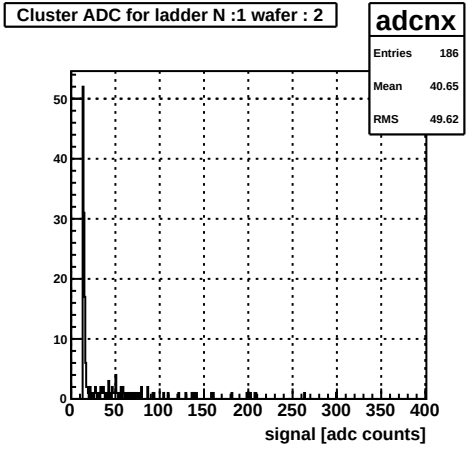

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 3398
Mean 19.81
RMS 0.6677
signal [adc counts]

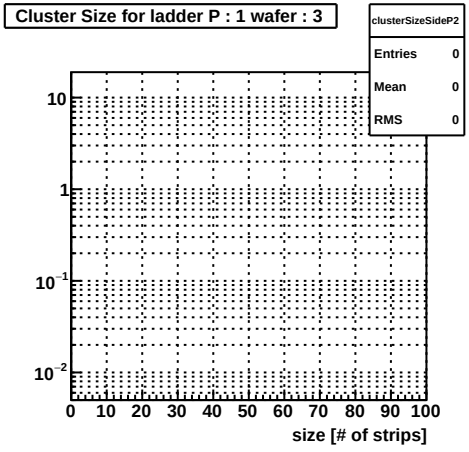

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 5251
Mean 1.081
RMS 0.328
size [# of strips]

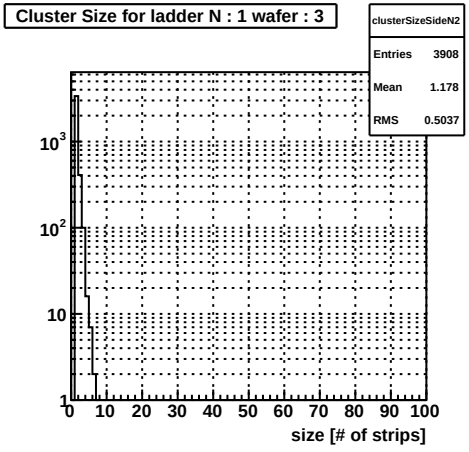

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 186
Mean 1.317
RMS 0.7416
size [# of strips]

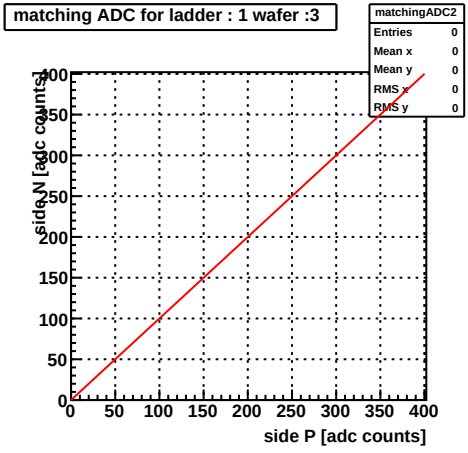

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 2
Mean x 155
Mean y 129
RMS x 136
RMS y 80
side N [adc counts]
side P [adc counts]

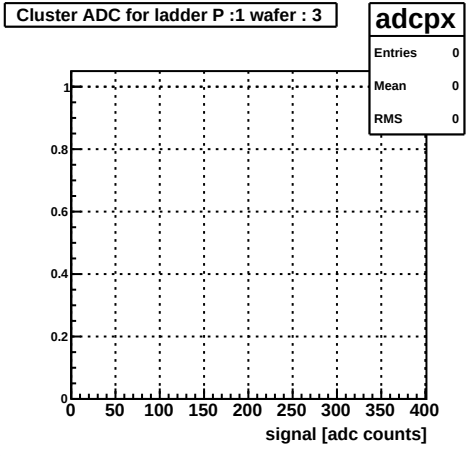

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 5251
Mean 33.23
RMS 27.06
signal [adc counts]

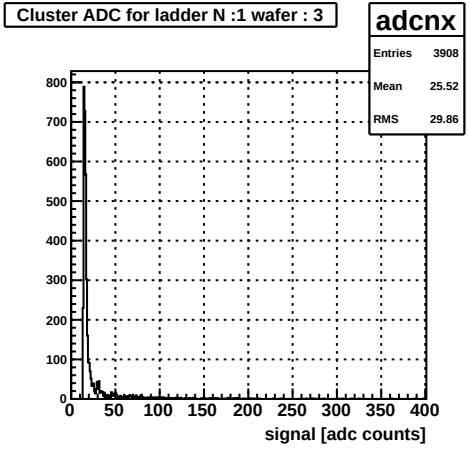

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 186
Mean 40.65
RMS 49.62
signal [adc counts]

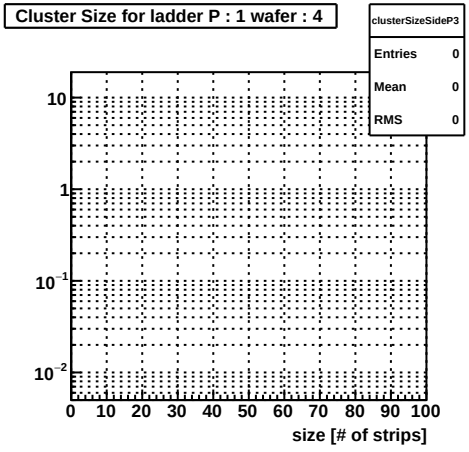

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

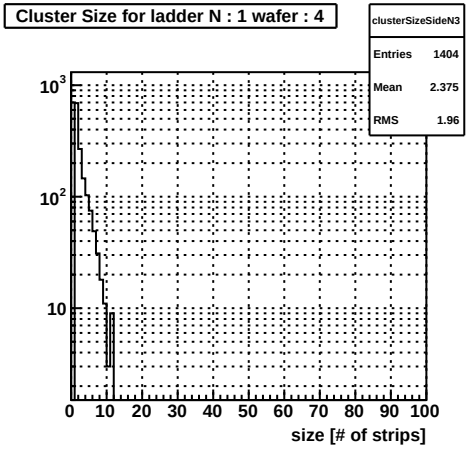

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 3908
Mean 1.178
RMS 0.5037
size [# of strips]

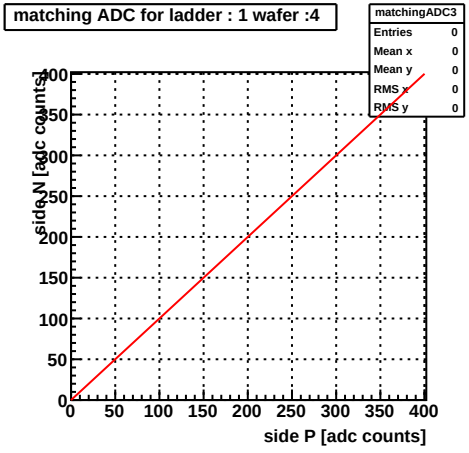

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

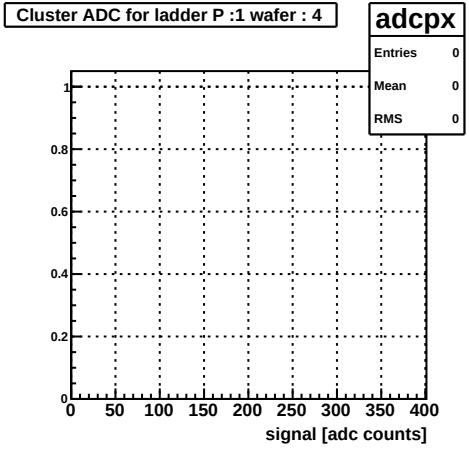

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

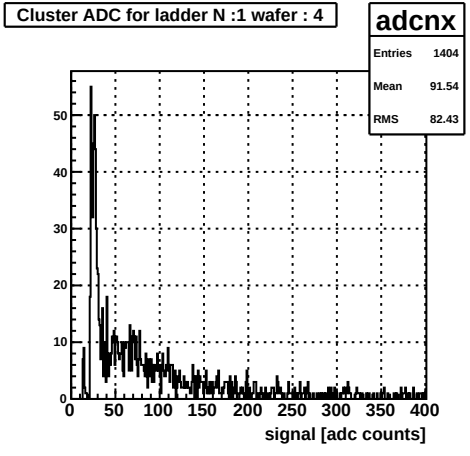

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 3908
Mean 25.52
RMS 29.86
signal [adc counts]

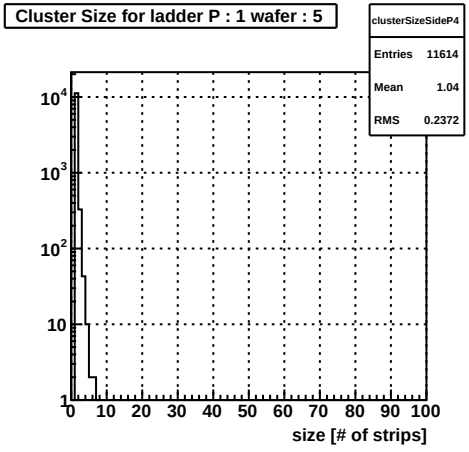

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

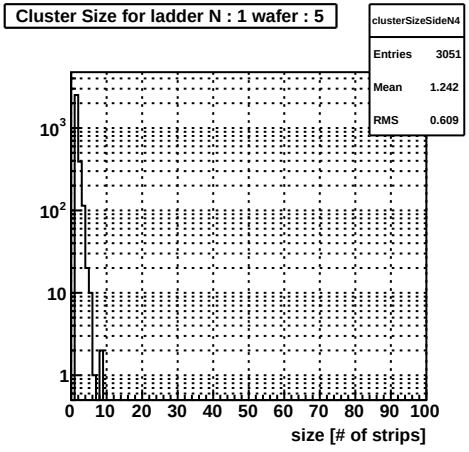

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 1404
Mean 2.375
RMS 1.96
size [# of strips]

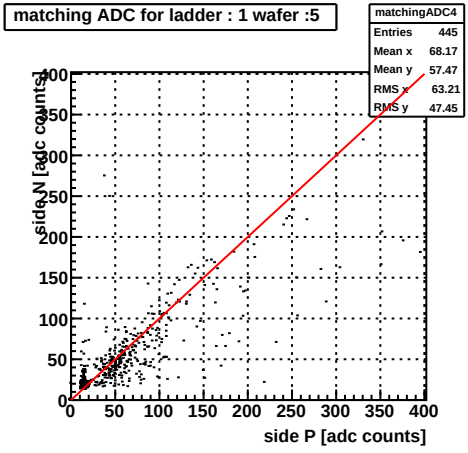

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

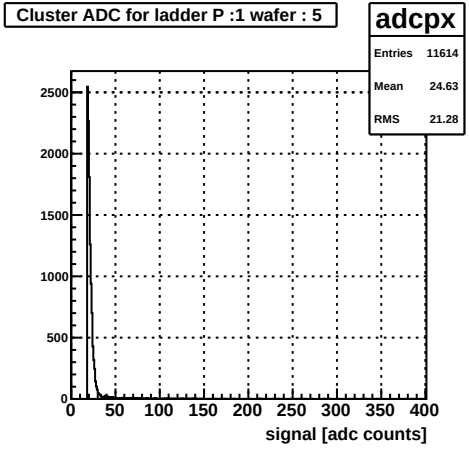

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

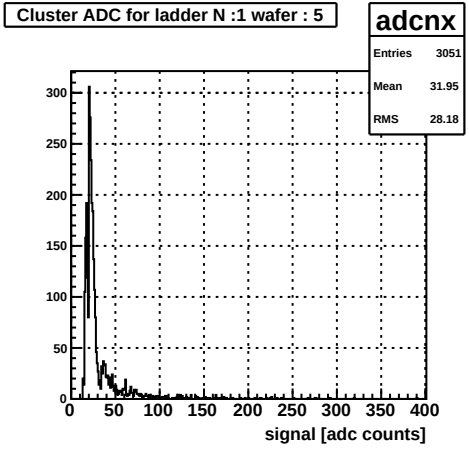

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 1404
Mean 91.54
RMS 82.43
signal [adc counts]

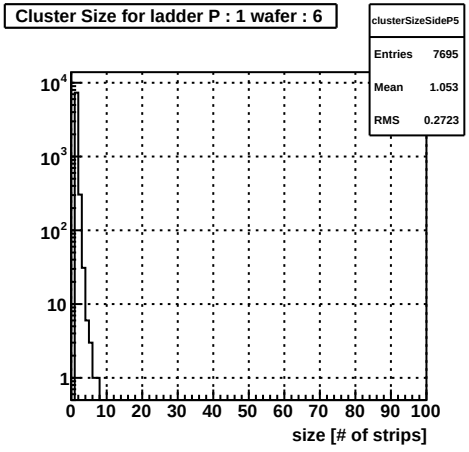

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 11614
Mean 1.04
RMS 0.2372
size [# of strips]

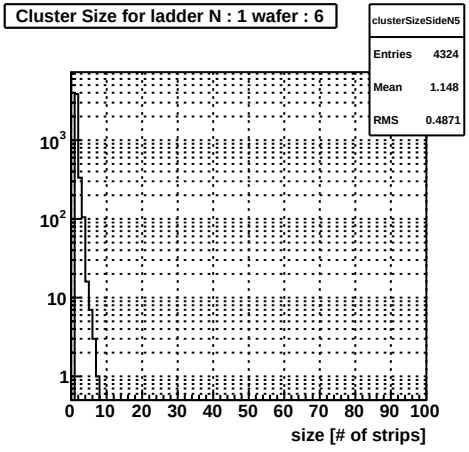

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 3051
Mean 1.242
RMS 0.609
size [# of strips]

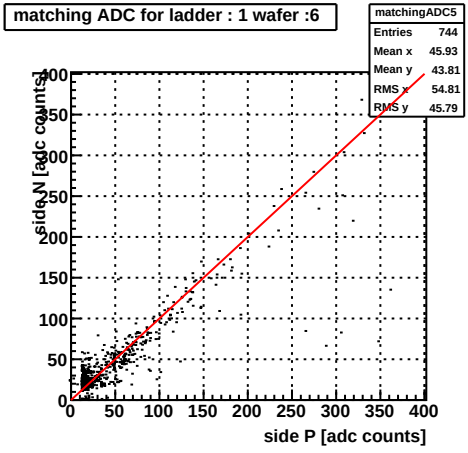

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 445
Mean x 68.17
Mean y 57.47
RMS x 63.21
RMS y 47.45
side N [adc counts]
side P [adc counts]

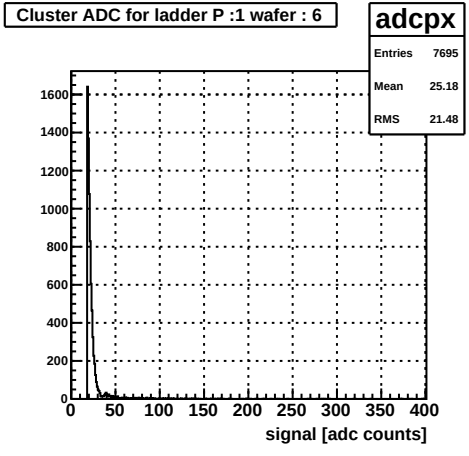

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 11614
Mean 24.63
RMS 21.28
signal [adc counts]

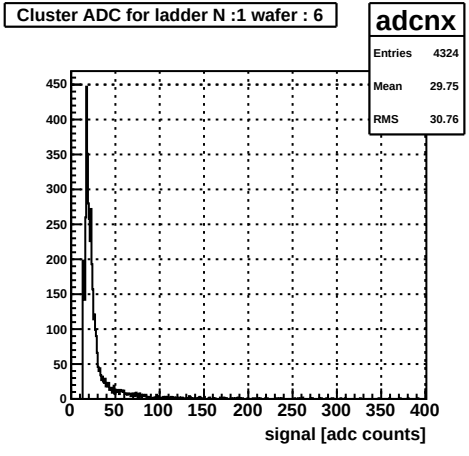

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 3051
Mean 31.95
RMS 28.18
signal [adc counts]

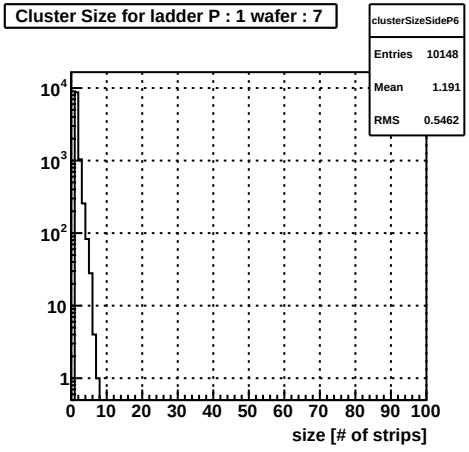

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 7695
Mean 1.053
RMS 0.2723
size [# of strips]

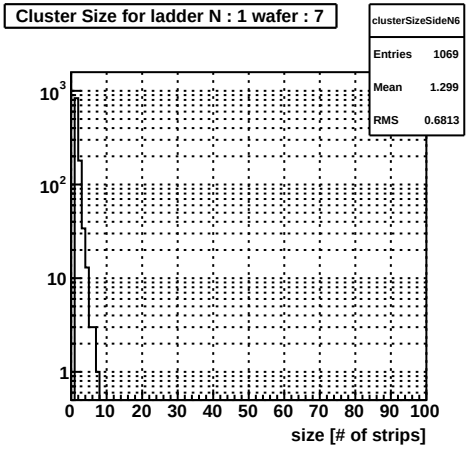

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 4324
Mean 1.148
RMS 0.4871
size [# of strips]

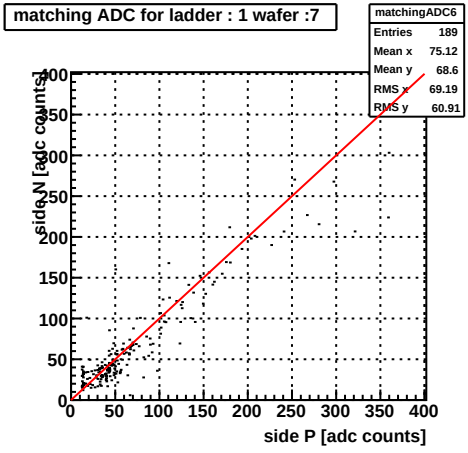

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 744
Mean x 45.93
Mean y 43.81
RMS x 54.81
RMS y 45.79
side N [adc counts]
side P [adc counts]

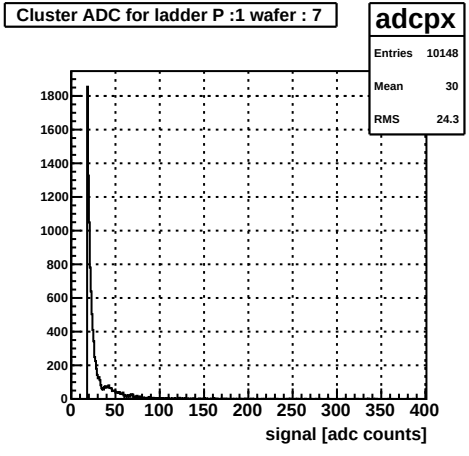

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 7695
Mean 25.18
RMS 21.48
signal [adc counts]

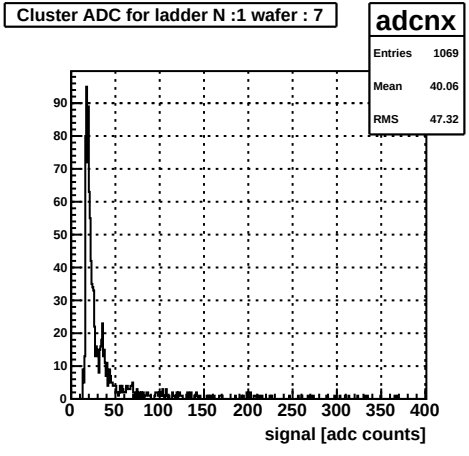

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 4324
Mean 29.75
RMS 30.76
signal [adc counts]

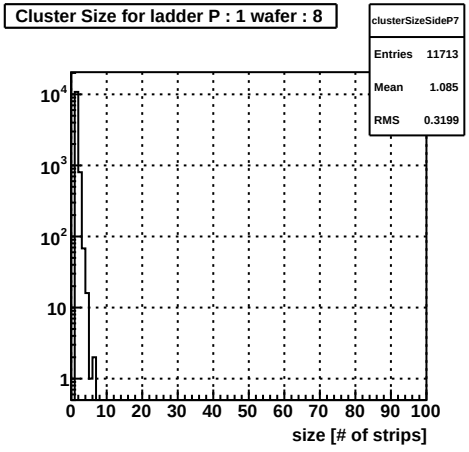

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 10148
Mean 1.191
RMS 0.5462
size [# of strips]

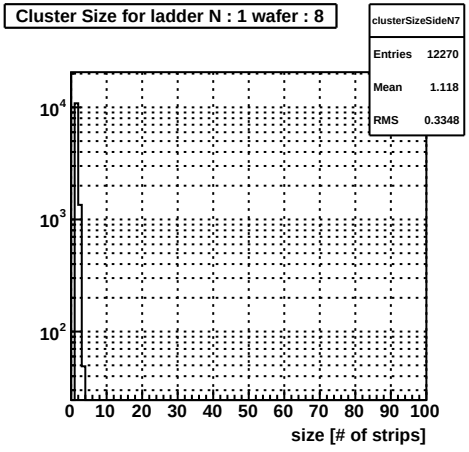

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 1069
Mean 1.299
RMS 0.6813
size [# of strips]

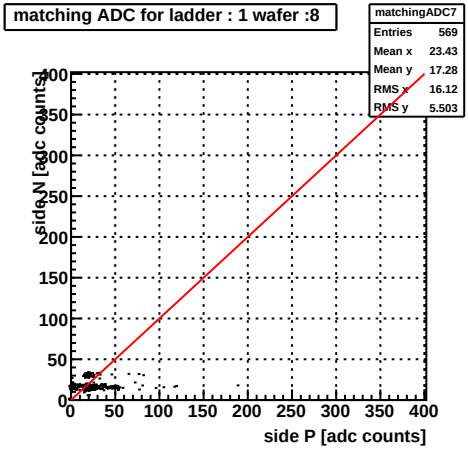

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 189
Mean x 75.12
Mean y 68.6
RMS x 69.19
RMS y 60.91
side N [adc counts]
side P [adc counts]

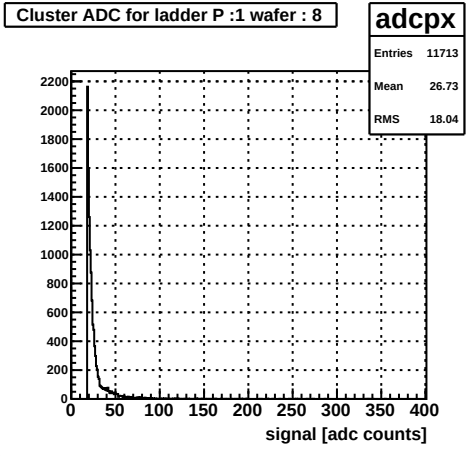

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 10148
Mean 30
RMS 24.3
signal [adc counts]

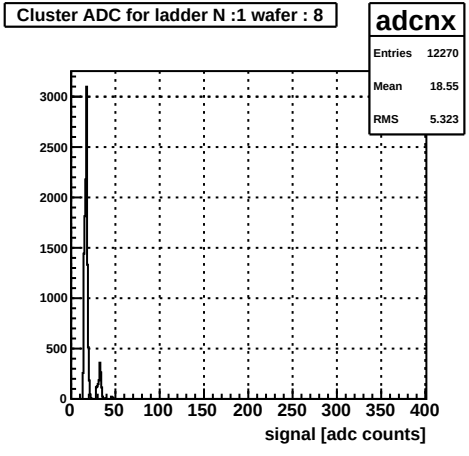

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 1069
Mean 40.06
RMS 47.32
signal [adc counts]

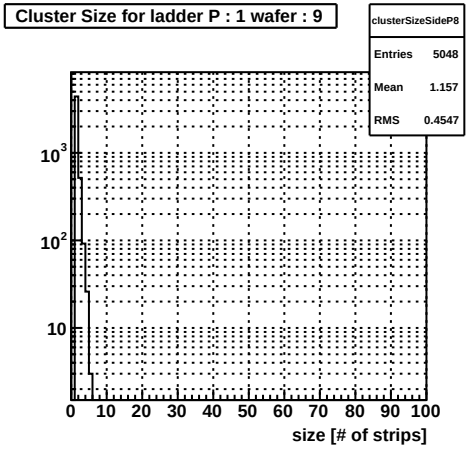

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 11713
Mean 1.085
RMS 0.3199
size [# of strips]

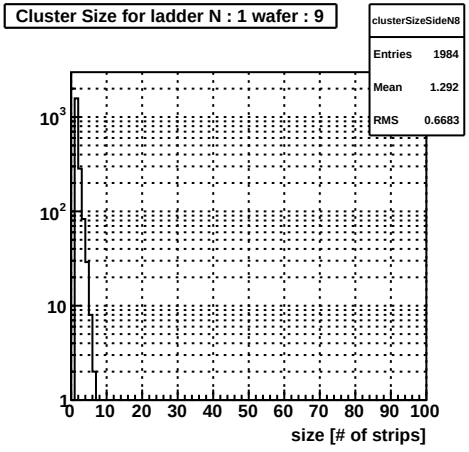

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 12270
Mean 1.118
RMS 0.3348
size [# of strips]

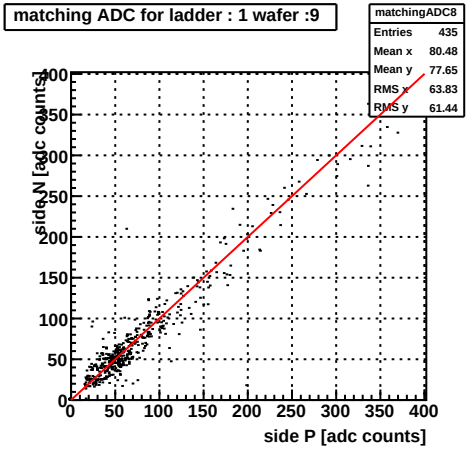

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 569
Mean x 23.43
Mean y 17.28
RMS x 16.12
RMS y 5.503
side N [adc counts]
side P [adc counts]

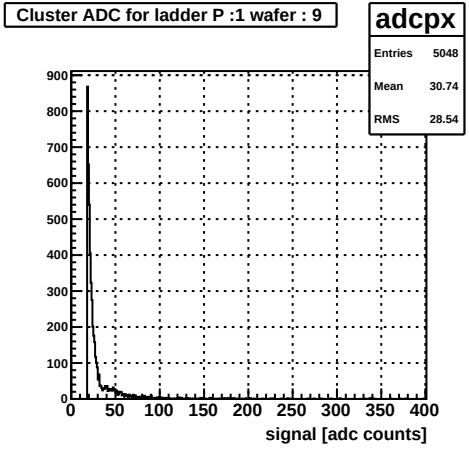

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 11713
Mean 26.73
RMS 18.04
signal [adc counts]

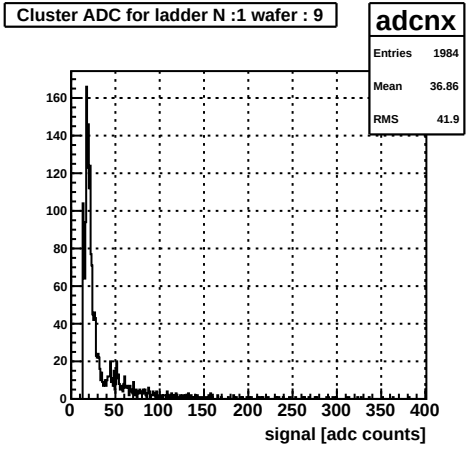

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 12270
Mean 18.55
RMS 5.323
signal [adc counts]

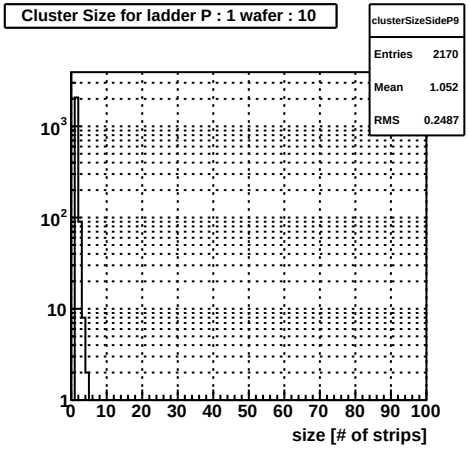

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 5048
Mean 1.157
RMS 0.4547
size [# of strips]

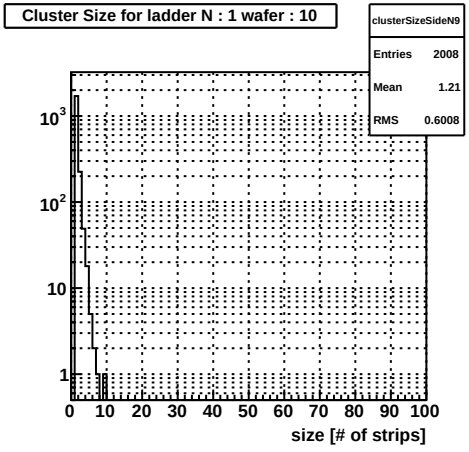

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 1984
Mean 1.292
RMS 0.6683
size [# of strips]

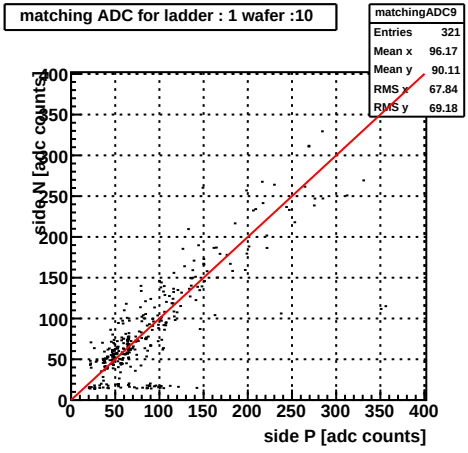

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 435
Mean x 80.48
Mean y 77.65
RMS x 63.83
RMS y 61.44
side N [adc counts]
side P [adc counts]

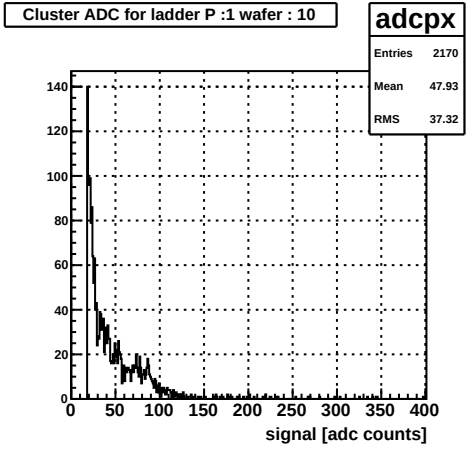

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 5048
Mean 30.74
RMS 28.54
signal [adc counts]

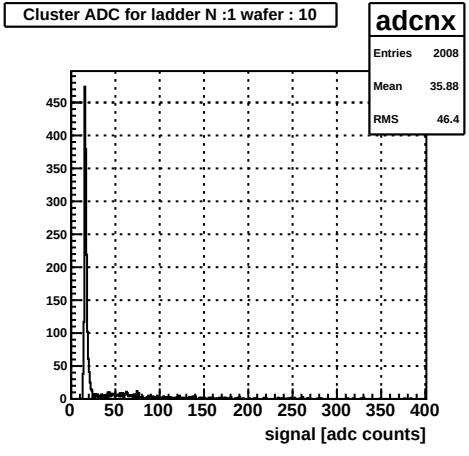

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 1984
Mean 36.86
RMS 41.9
signal [adc counts]

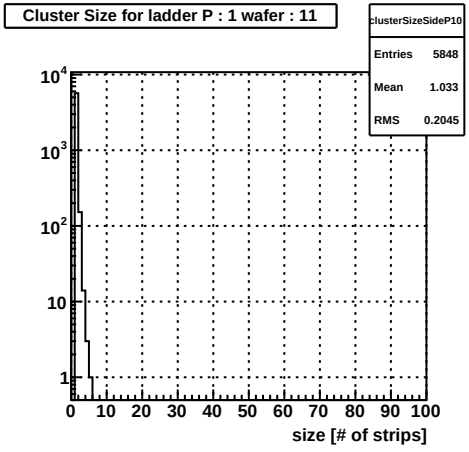

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 2170
Mean 1.052
RMS 0.2487
size [# of strips]

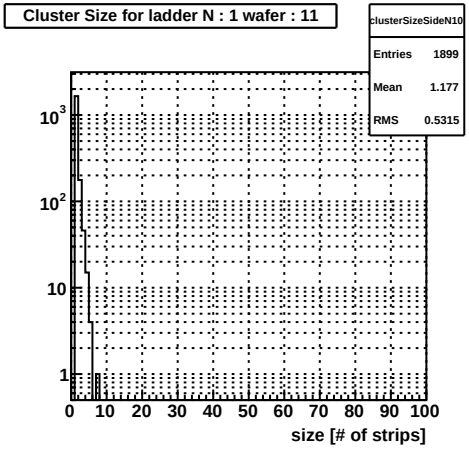

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 2008
Mean 1.21
RMS 0.6008
size [# of strips]

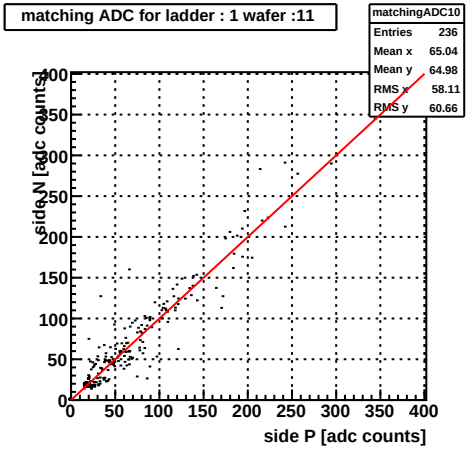

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 321
Mean x 96.17
Mean y 90.11
RMS x 67.84
RMS y 69.18
side N [adc counts]
side P [adc counts]

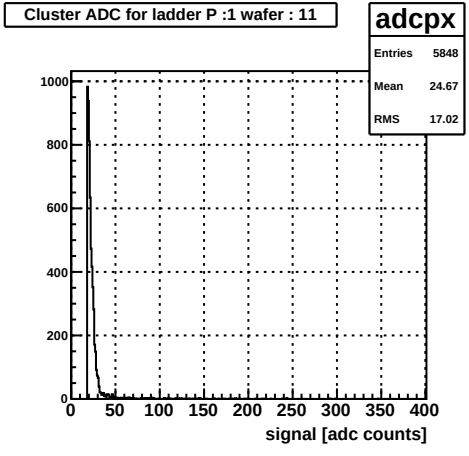

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 2170
Mean 47.93
RMS 37.32
signal [adc counts]

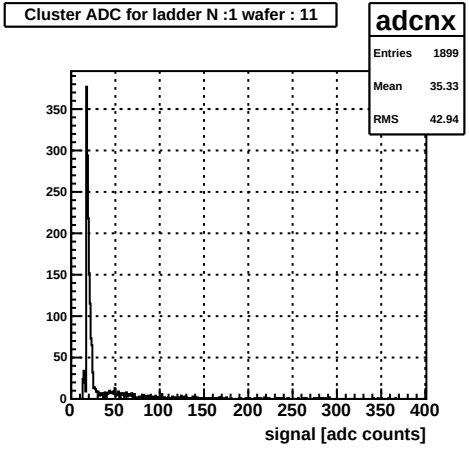

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 2008
Mean 35.88
RMS 46.4
signal [adc counts]

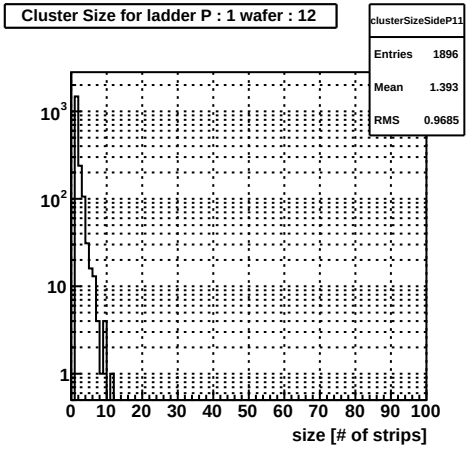

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 5848
Mean 1.033
RMS 0.2045
size [# of strips]

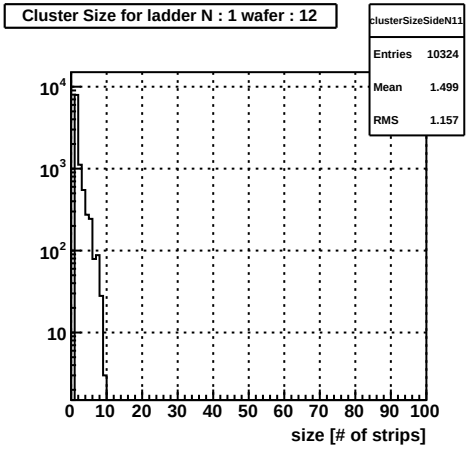

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 1899
Mean 1.177
RMS 0.5315
size [# of strips]

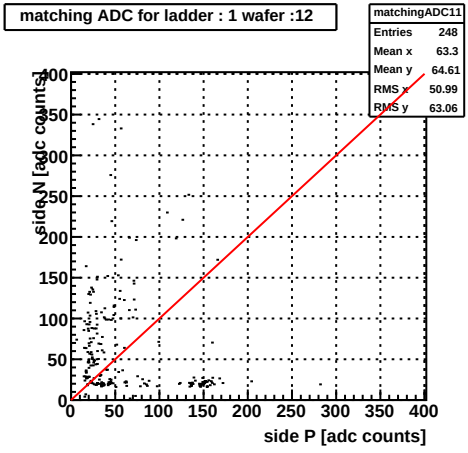

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 236
Mean x 65.04
Mean y 64.98
RMS x 58.11
RMS y 60.66
side N [adc counts]
side P [adc counts]

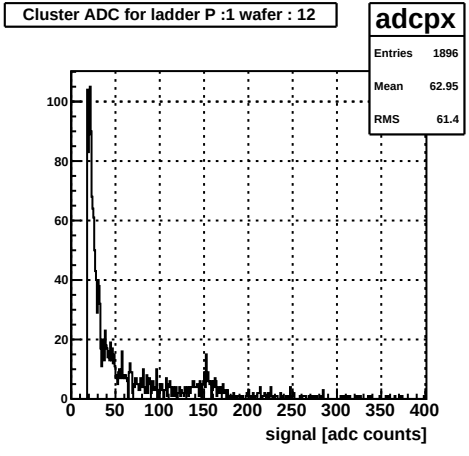

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 5848
Mean 24.67
RMS 17.02
signal [adc counts]

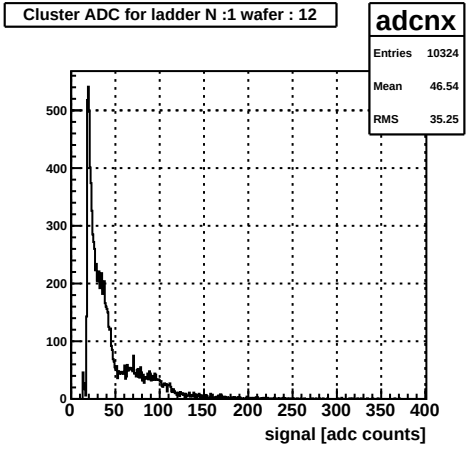

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 1899
Mean 35.33
RMS 42.94
signal [adc counts]

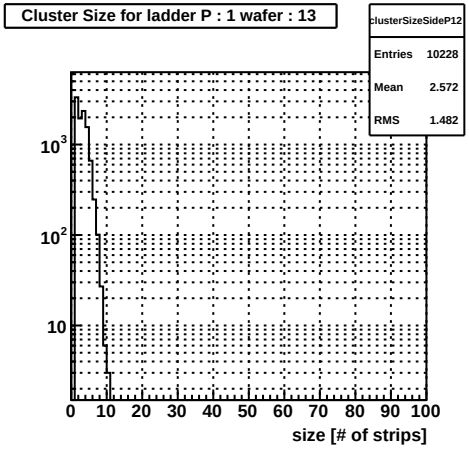

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 1896
Mean 1.393
RMS 0.9685
size [# of strips]

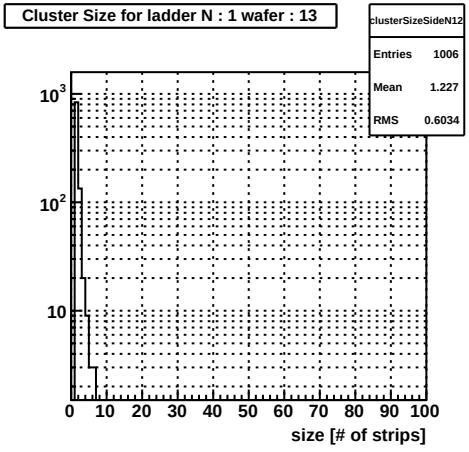

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 10324
Mean 1.499
RMS 1.157
size [# of strips]

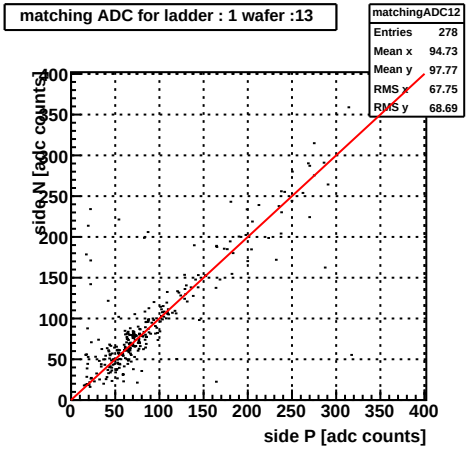

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 248
Mean x 63.3
Mean y 64.61
RMS x 50.99
RMS y 63.06
side N [adc counts]
side P [adc counts]

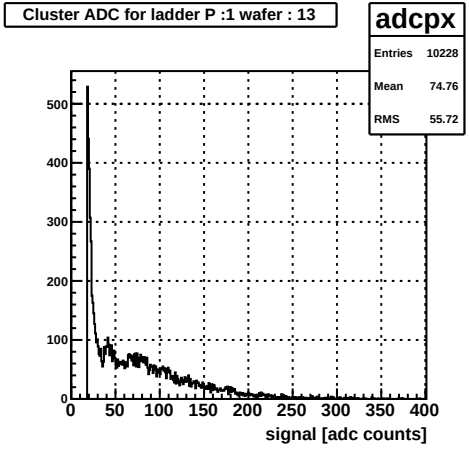

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 1896
Mean 62.95
RMS 61.4
signal [adc counts]

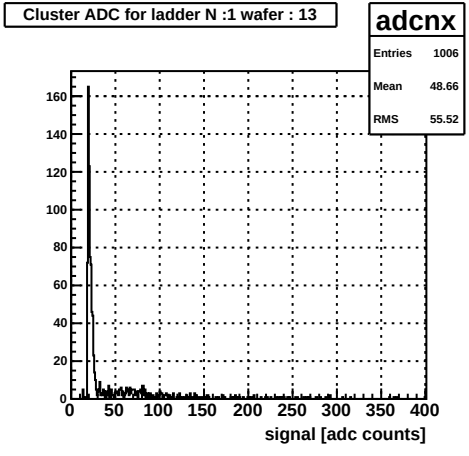

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 10324
Mean 46.54
RMS 35.25
signal [adc counts]

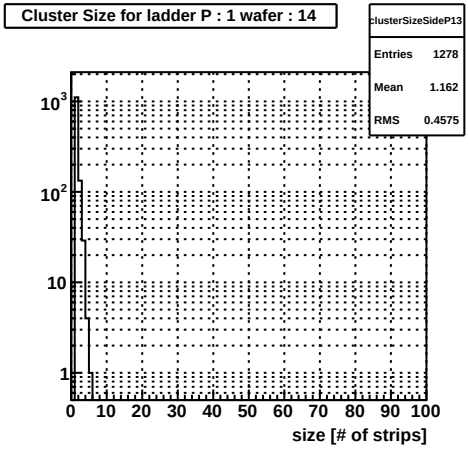

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 10228
Mean 2.572
RMS 1.482
size [# of strips]

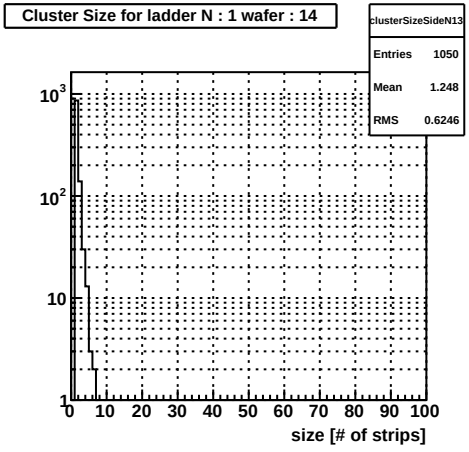

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1006
Mean 1.227
RMS 0.6034
size [# of strips]

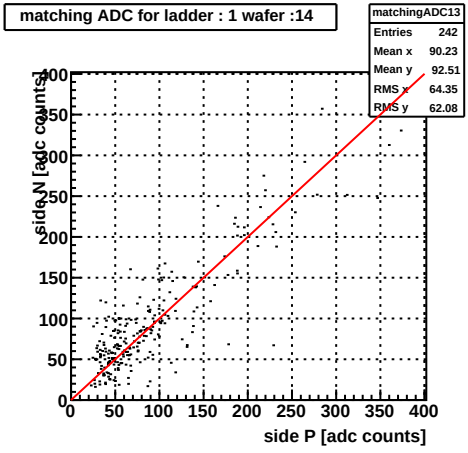

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 278
Mean x 94.73
Mean y 97.77
RMS x 67.75
RMS y 68.69
side N [adc counts]
side P [adc counts]

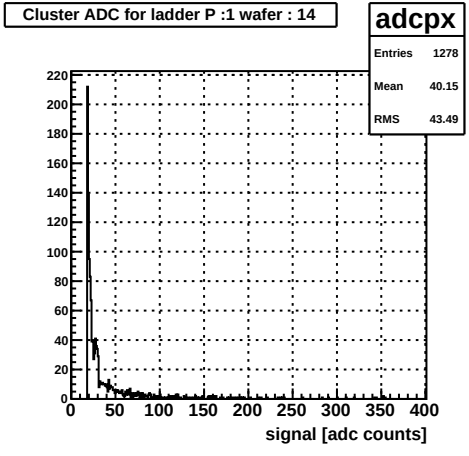

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 10228
Mean 74.76
RMS 55.72
signal [adc counts]

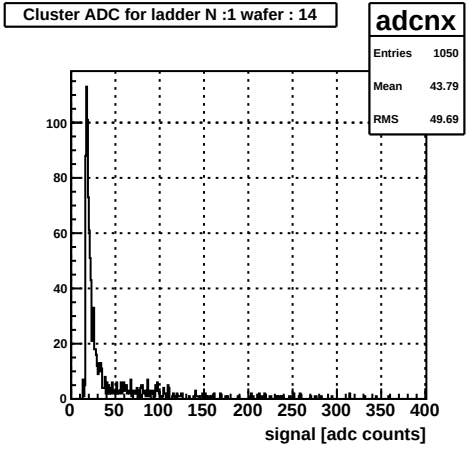

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1006
Mean 48.66
RMS 55.52
signal [adc counts]

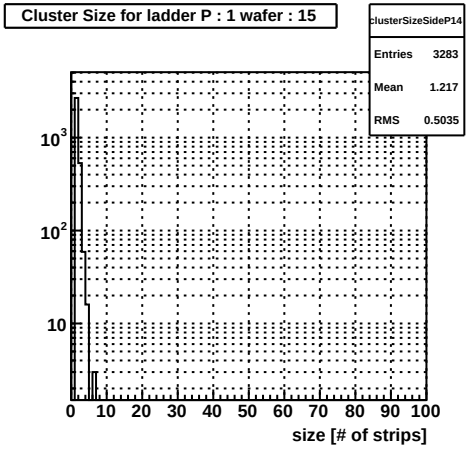

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 1278
Mean 1.162
RMS 0.4575
size [# of strips]

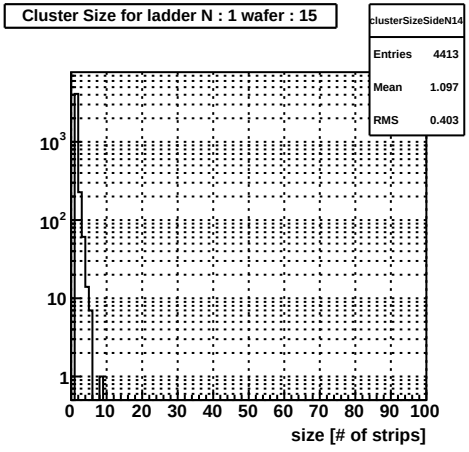

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 1050
Mean 1.248
RMS 0.6246
size [# of strips]

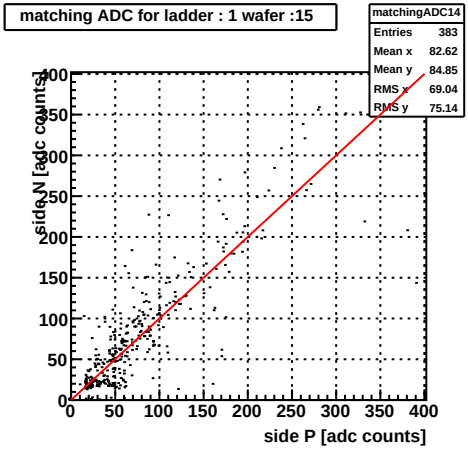

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 242
Mean x 90.23
Mean y 92.51
RMS x 64.35
RMS y 62.08
side N [adc counts]
side P [adc counts]

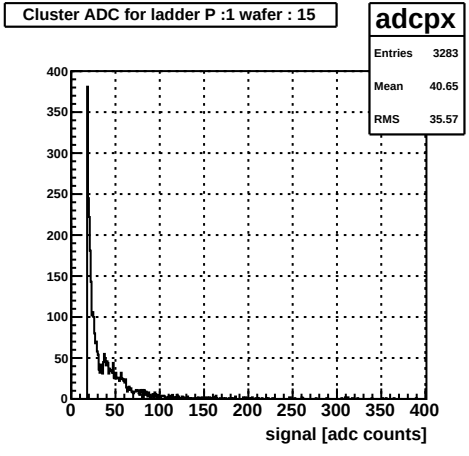

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 1278
Mean 40.15
RMS 43.49
signal [adc counts]

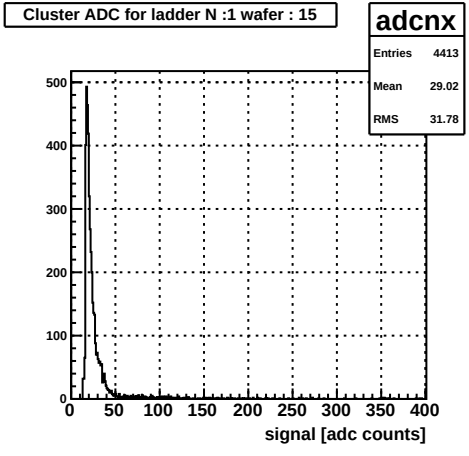

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 1050
Mean 43.79
RMS 49.69
signal [adc counts]

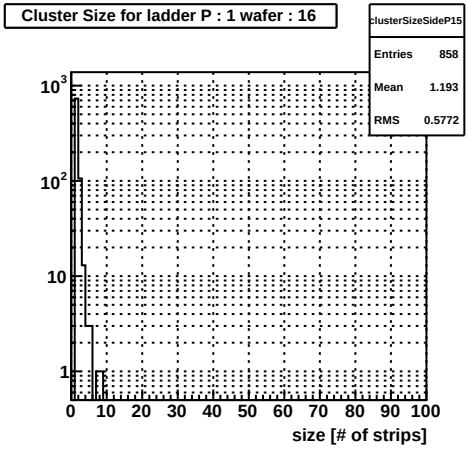

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 3283
Mean 1.217
RMS 0.5035
size [# of strips]

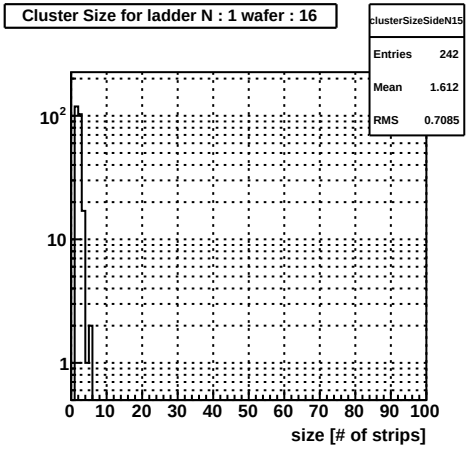

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 4413
Mean 1.097
RMS 0.403
size [# of strips]

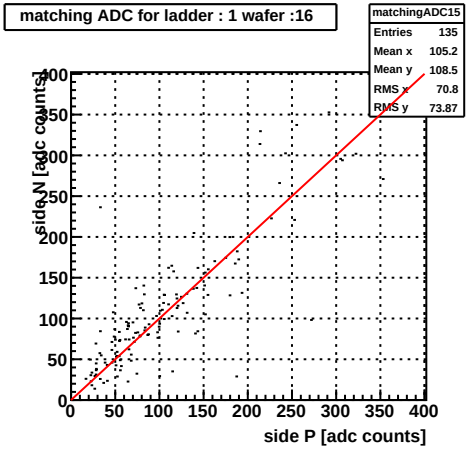

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 383
Mean x 82.62
Mean y 84.85
RMS x 69.04
RMS y 75.14
side N [adc counts]
side P [adc counts]

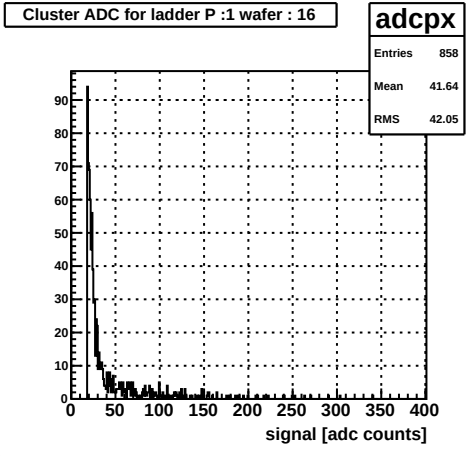

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 3283
Mean 40.65
RMS 35.57
signal [adc counts]

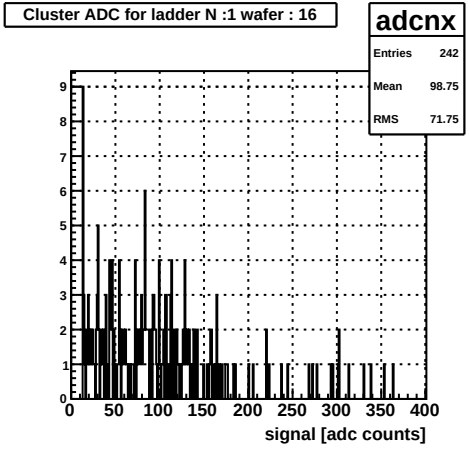

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 4413
Mean 29.02
RMS 31.78
signal [adc counts]

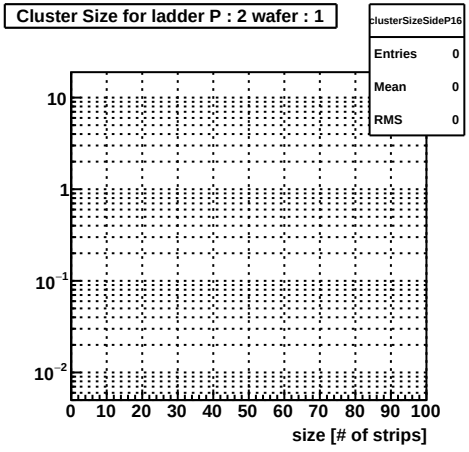

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 858
Mean 1.193
RMS 0.5772
size [# of strips]

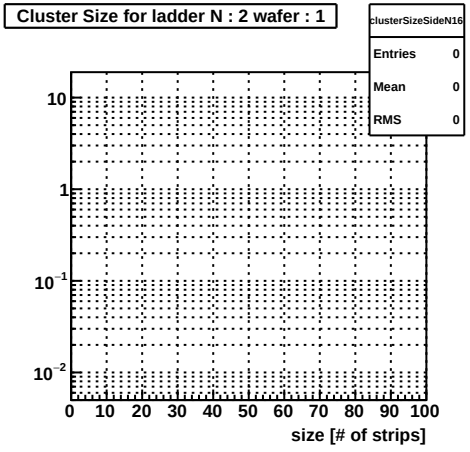

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 242
Mean 1.612
RMS 0.7085
size [# of strips]

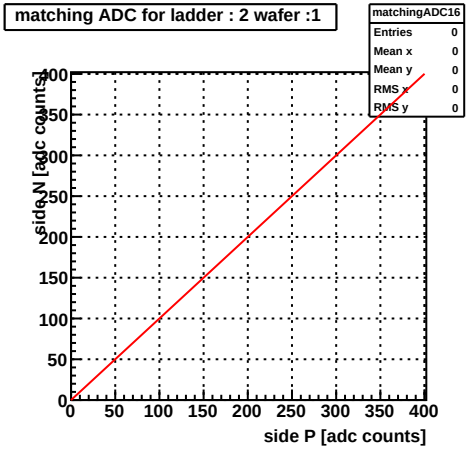

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 135
Mean x 105.2
Mean y 108.5
RMS x 70.8
RMS y 73.87
side N [adc counts]
side P [adc counts]

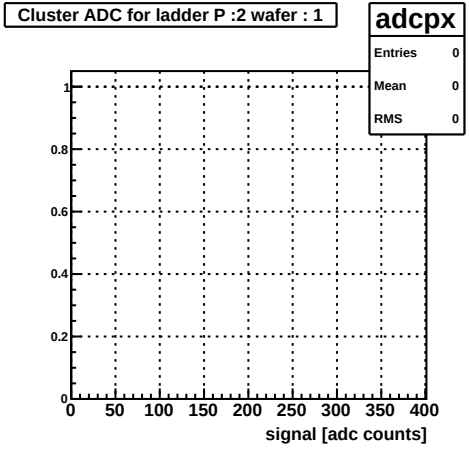

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 858
Mean 41.64
RMS 42.05
signal [adc counts]

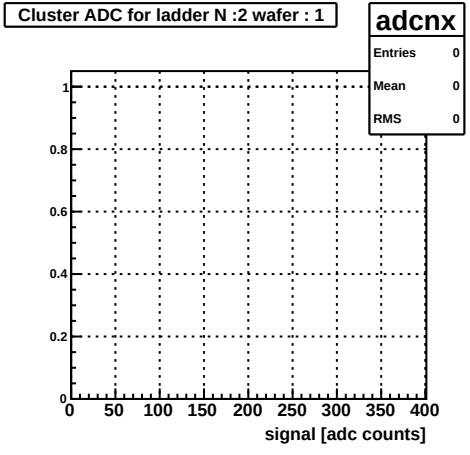

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 242
Mean 98.75
RMS 71.75
signal [adc counts]

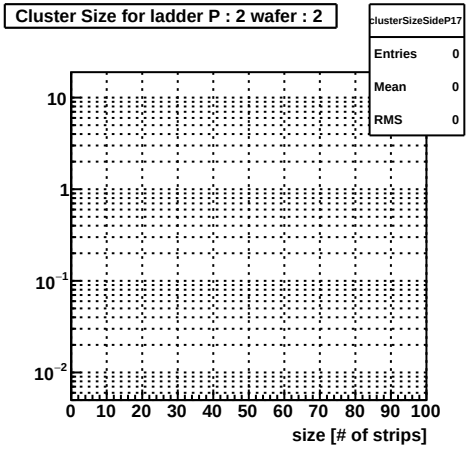

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

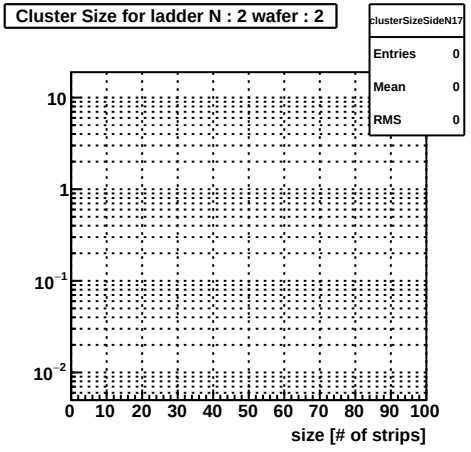

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

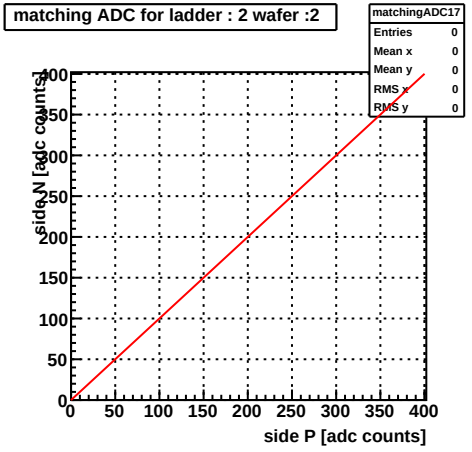

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

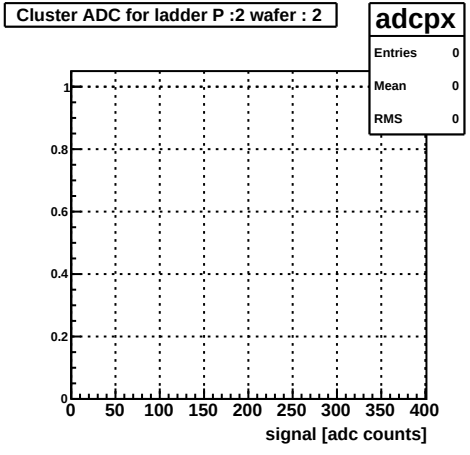

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

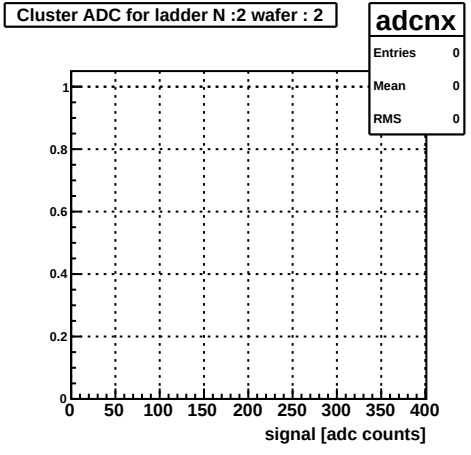

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

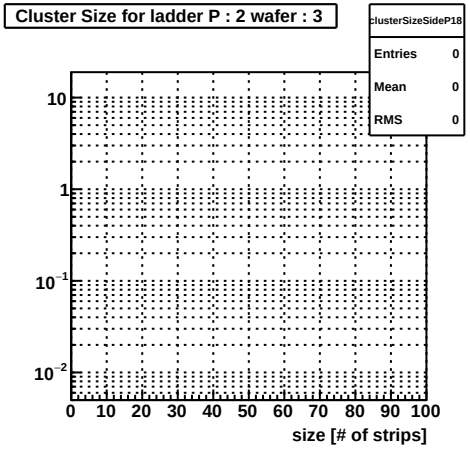

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

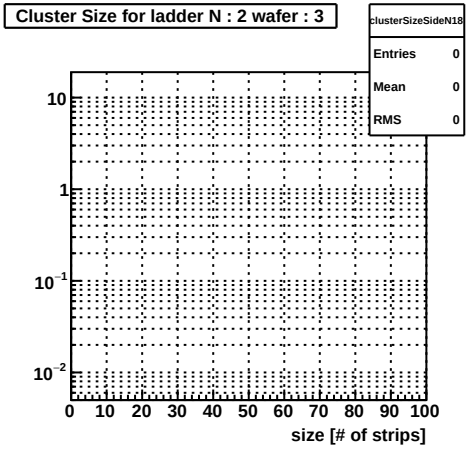

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

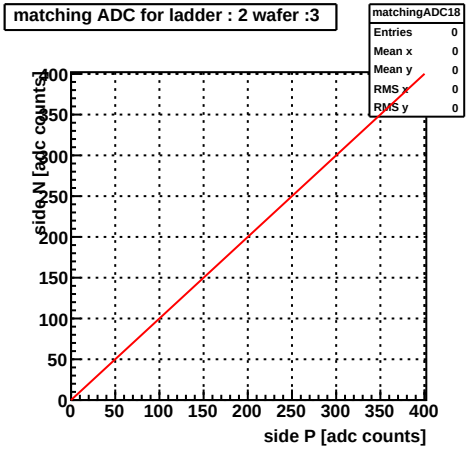

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

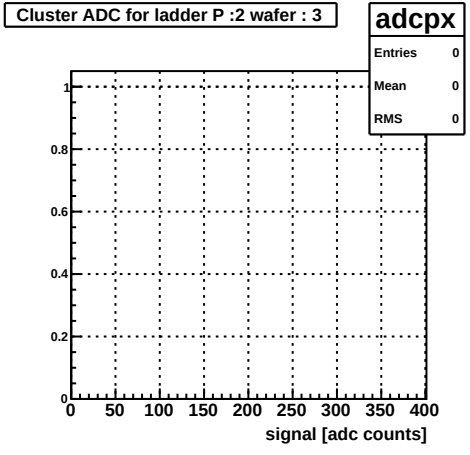

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

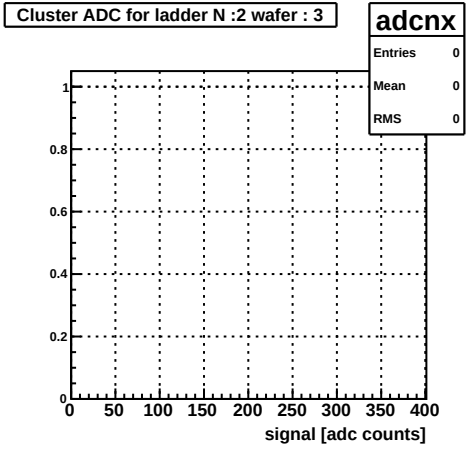

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

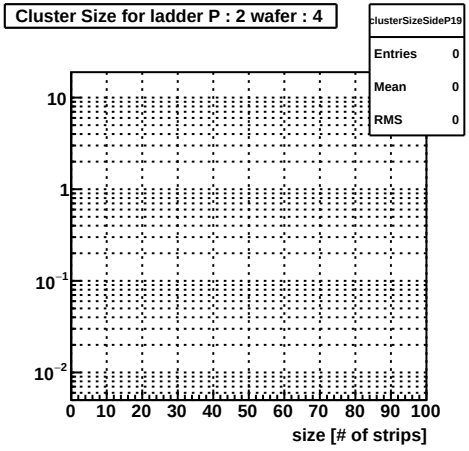

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

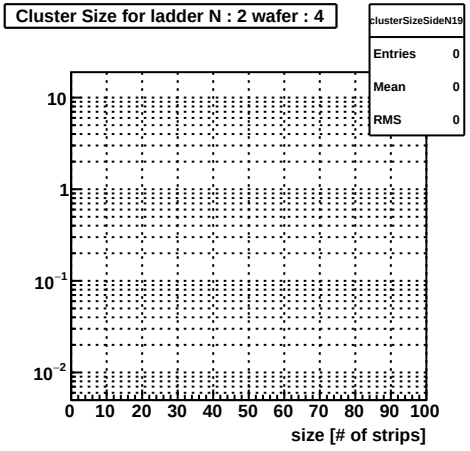

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

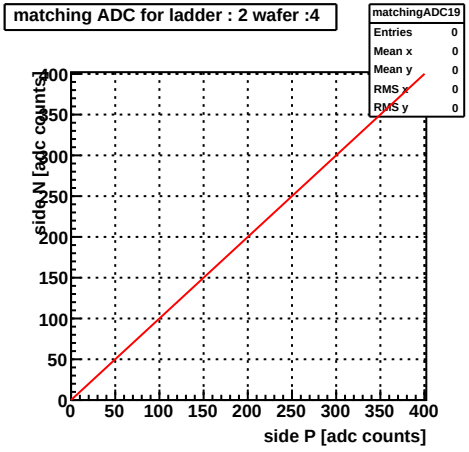

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

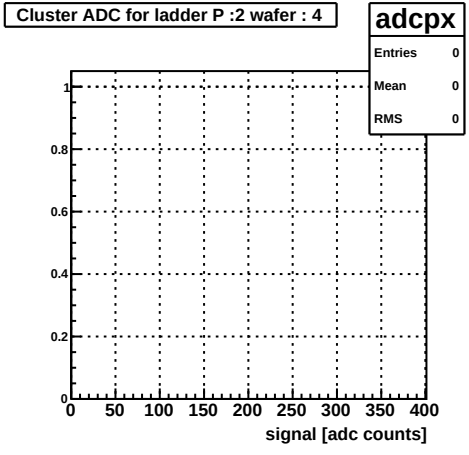

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

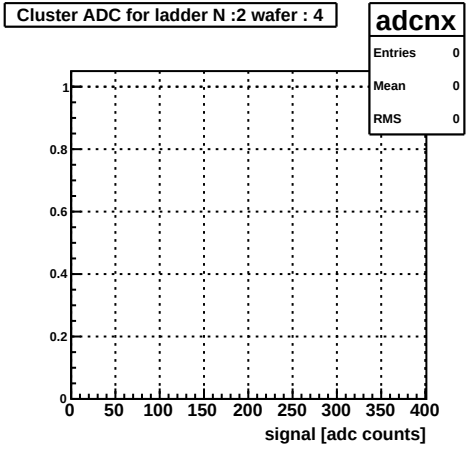

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

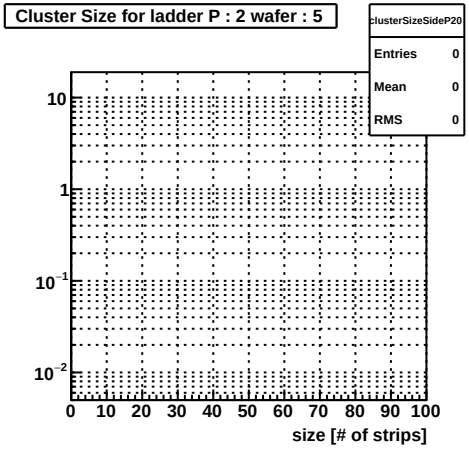

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

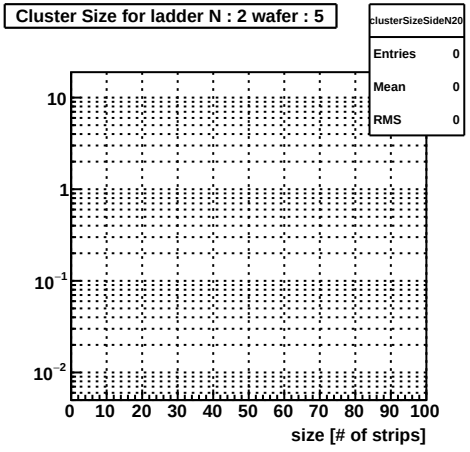

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

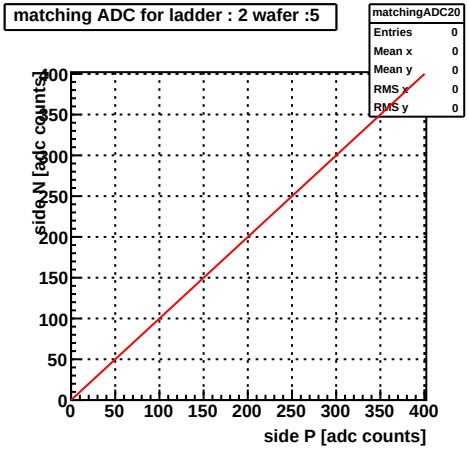

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

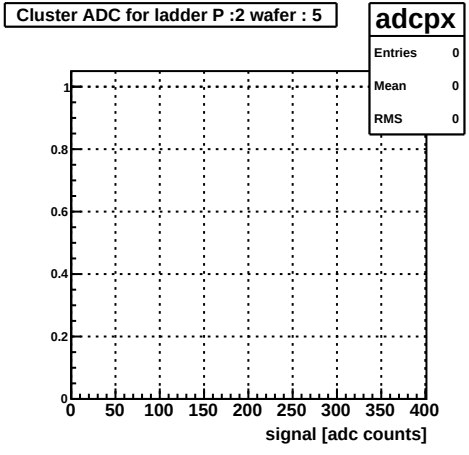

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

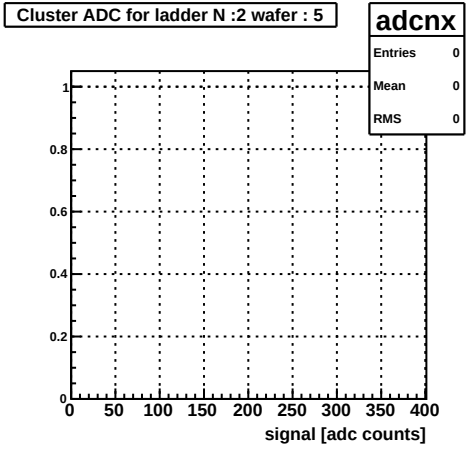

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

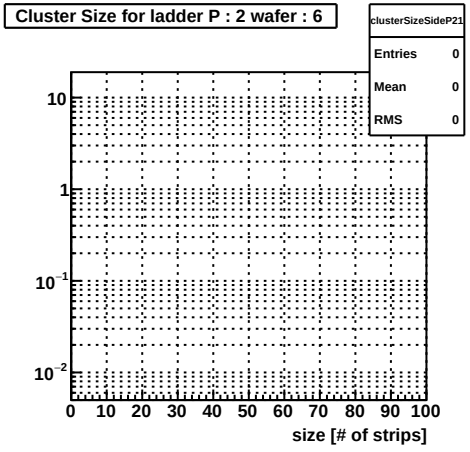

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

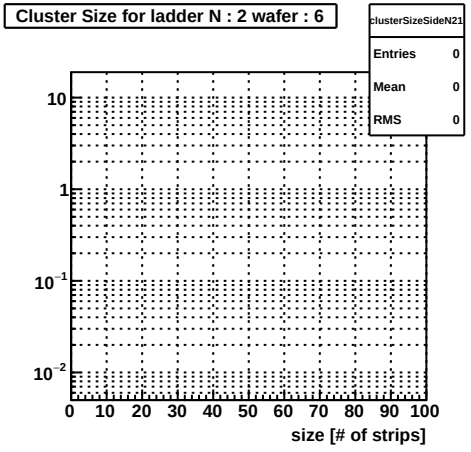

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

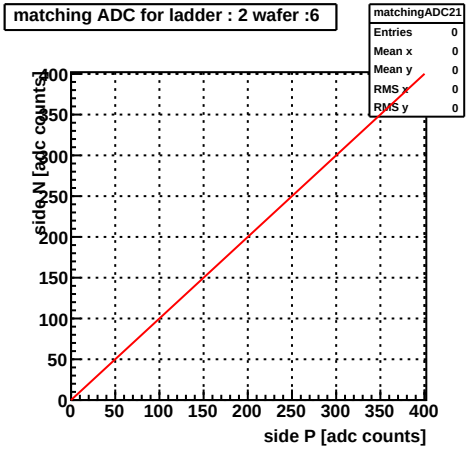

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

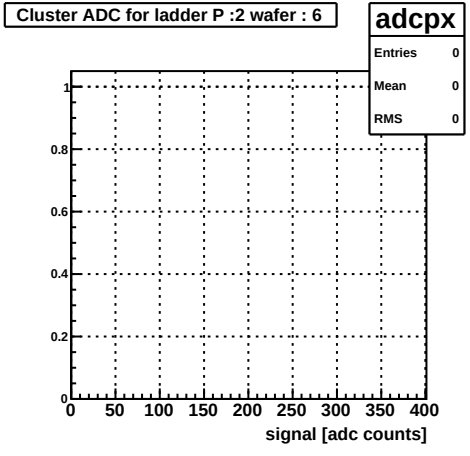

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

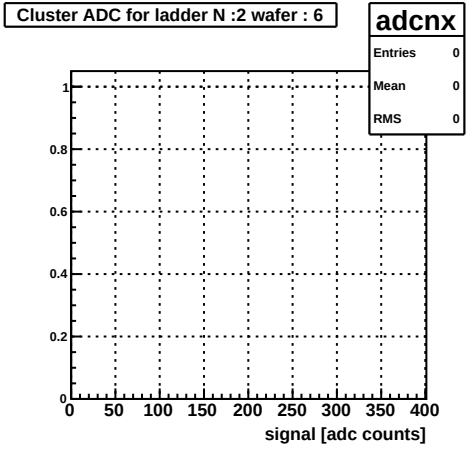

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

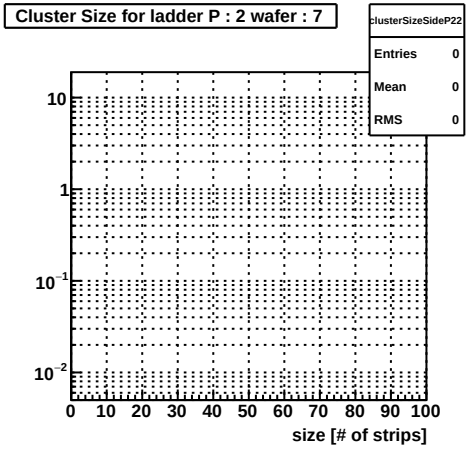

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

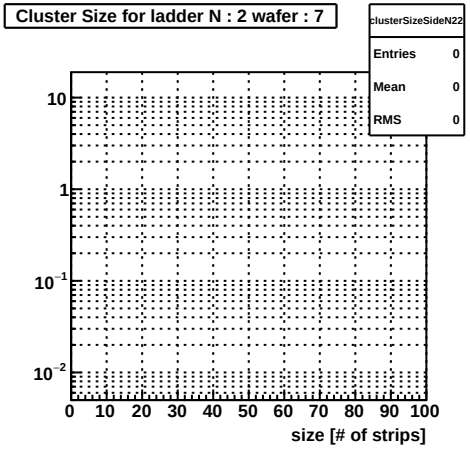

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

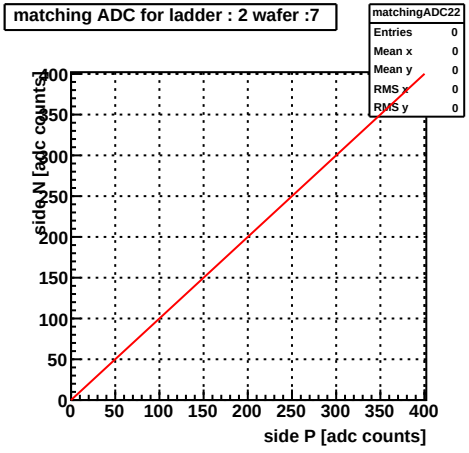

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

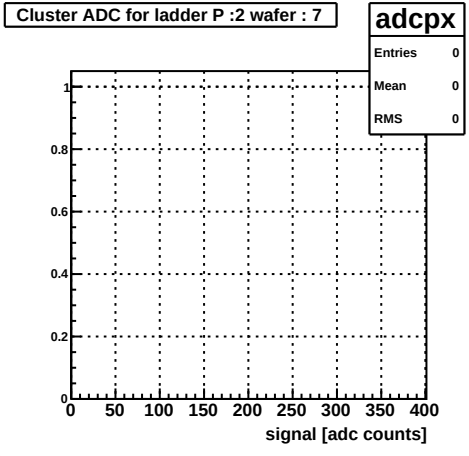

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

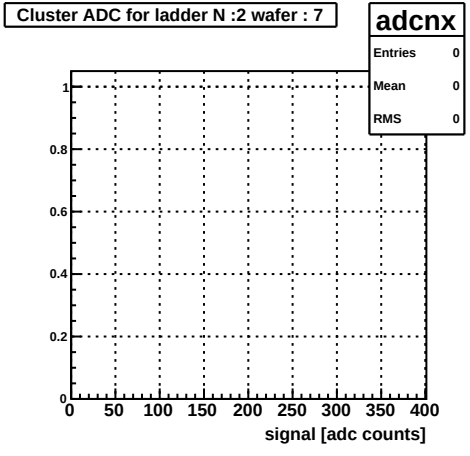

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

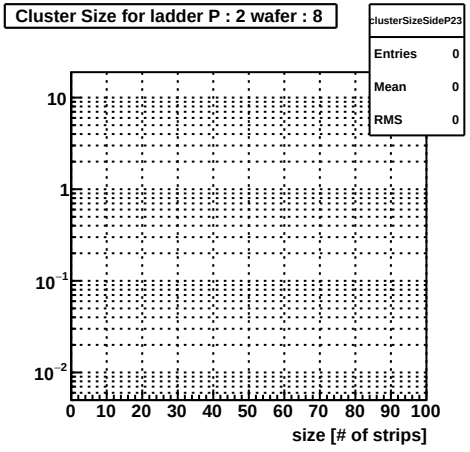

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

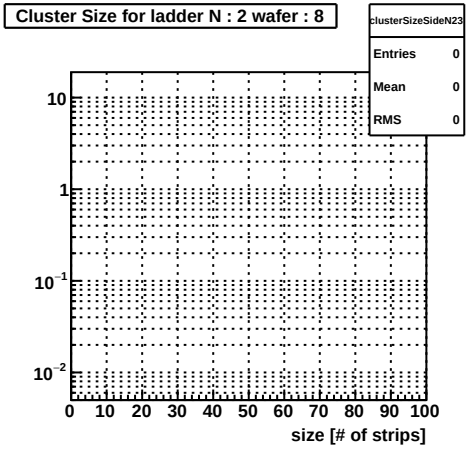

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

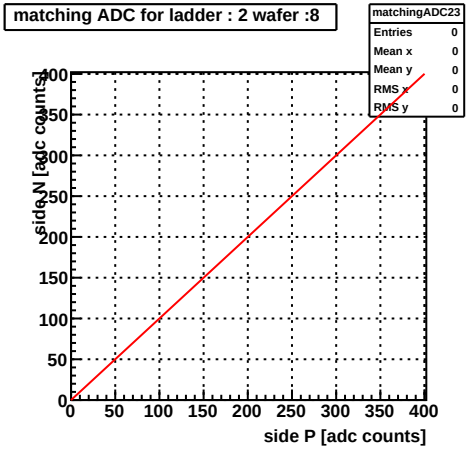

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

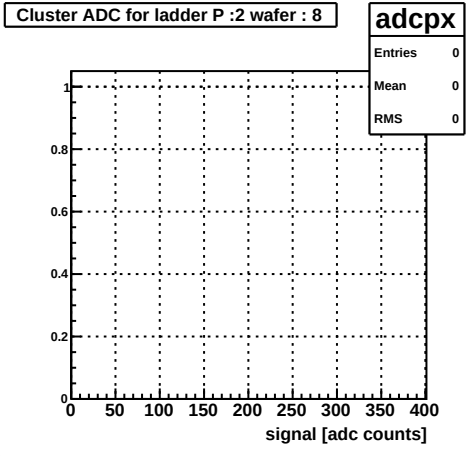

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

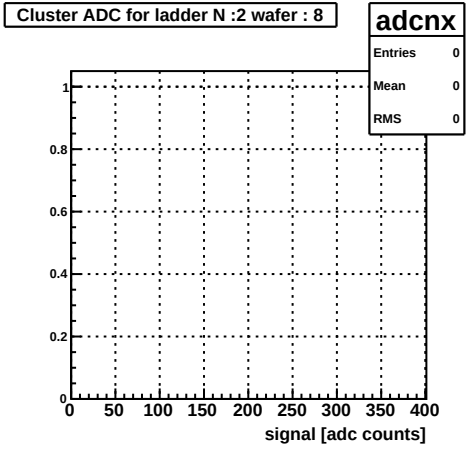

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

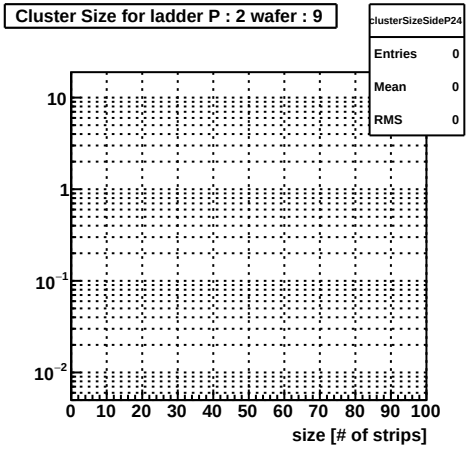

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

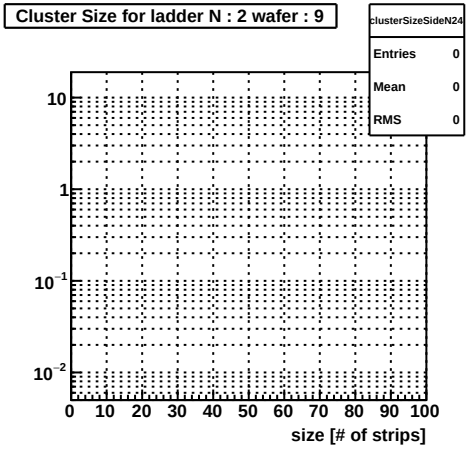

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

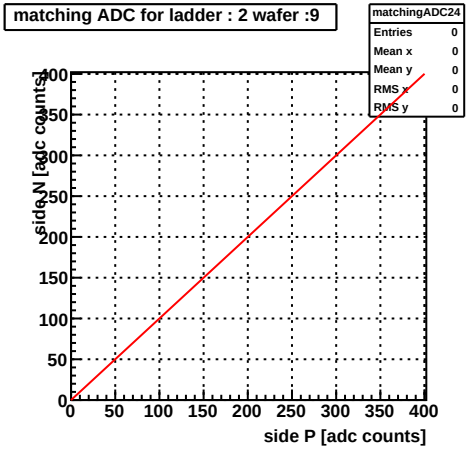

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

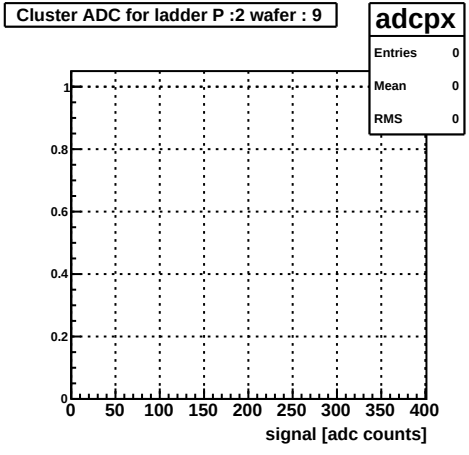

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

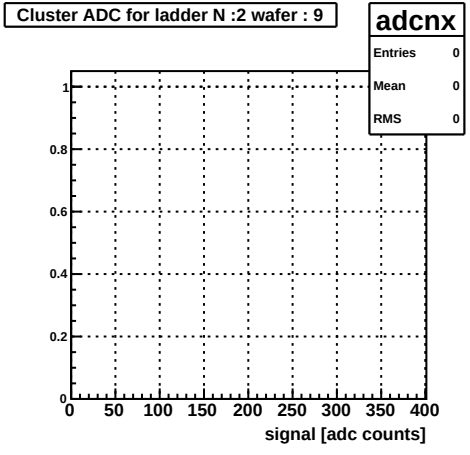

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

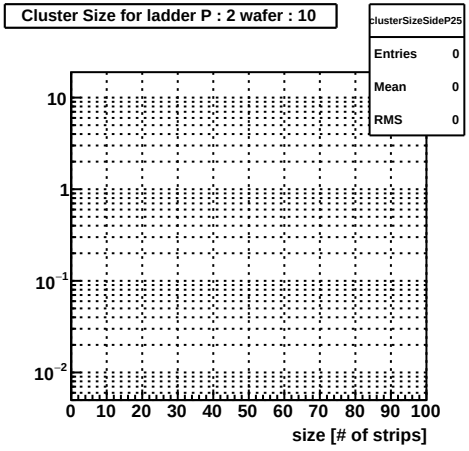

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

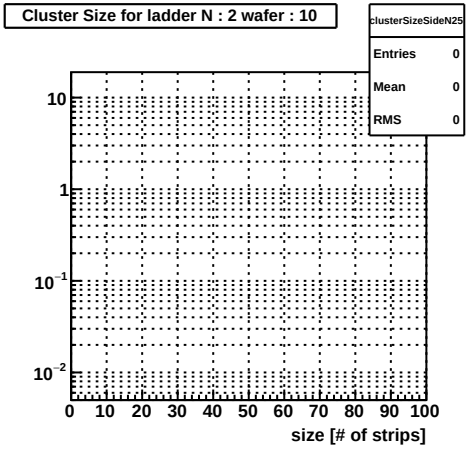

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

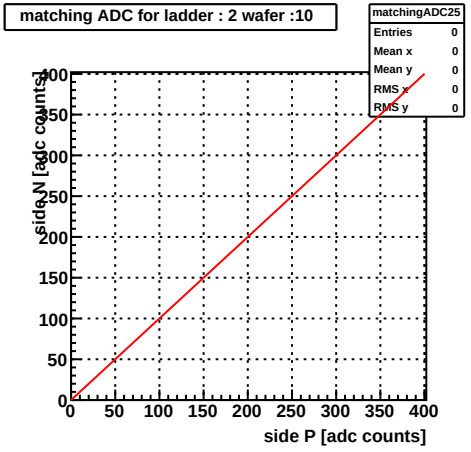

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

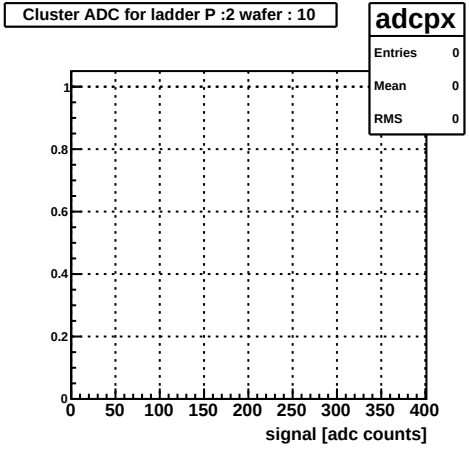

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

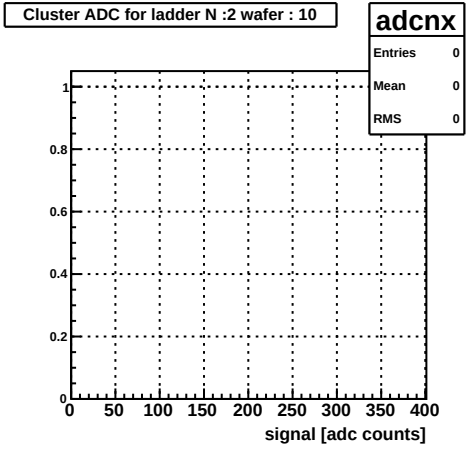

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

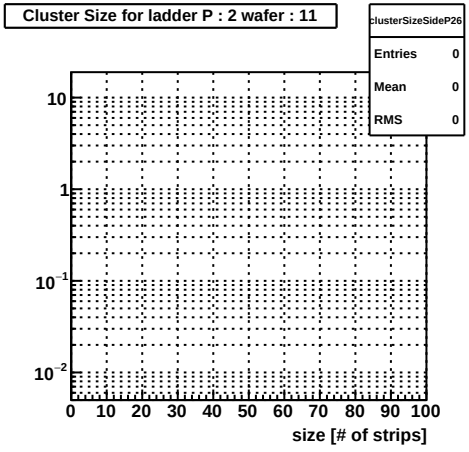

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

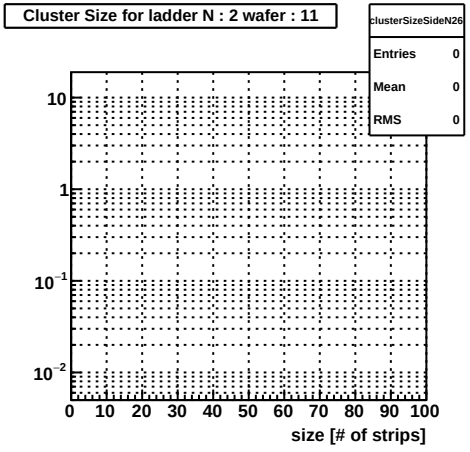

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

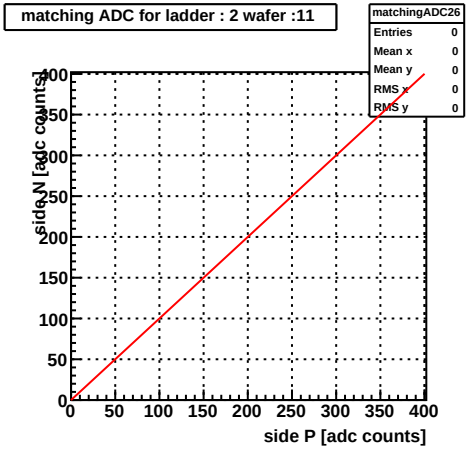

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

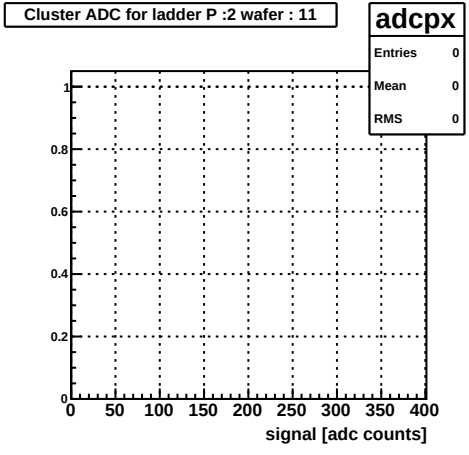

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

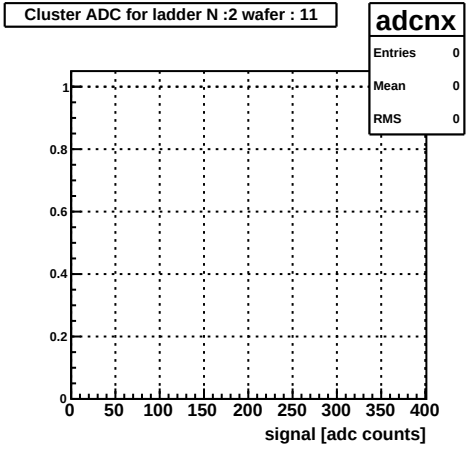

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

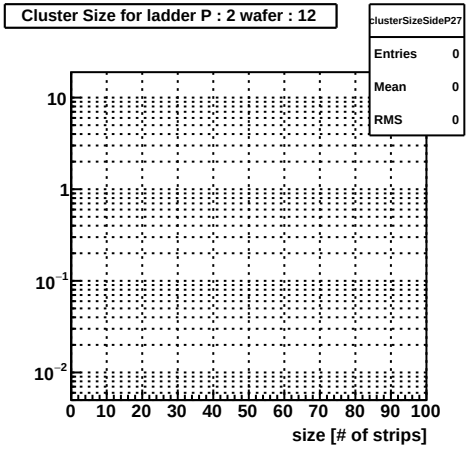

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

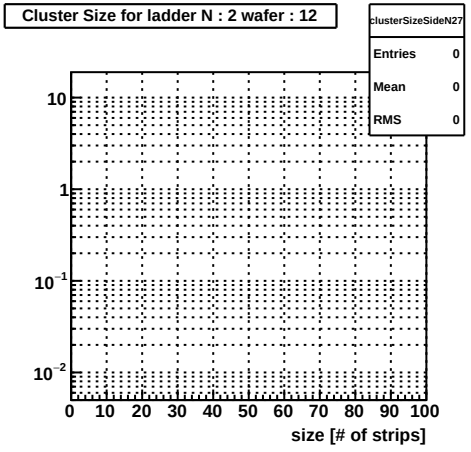

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

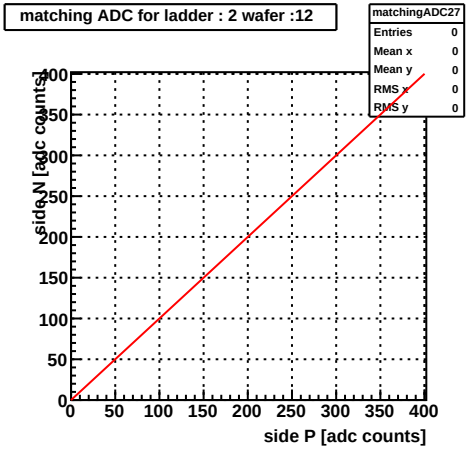

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

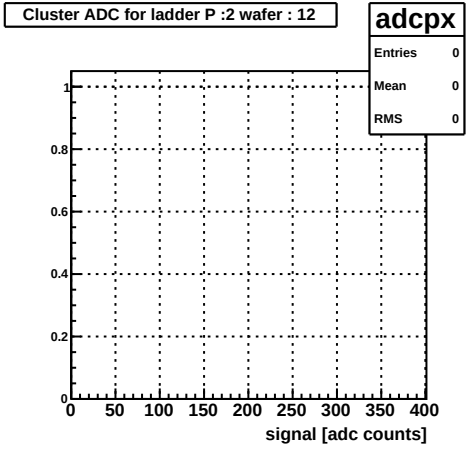

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

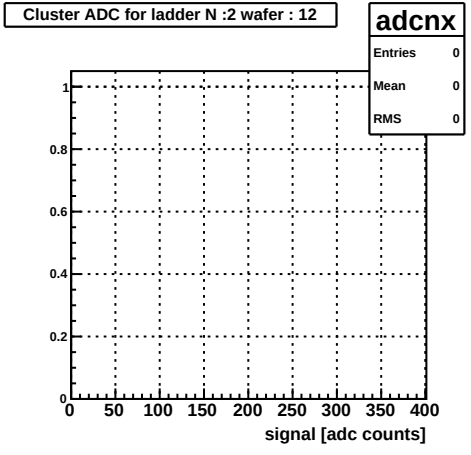

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

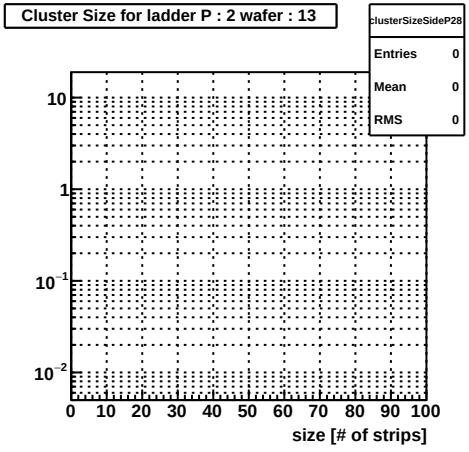

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

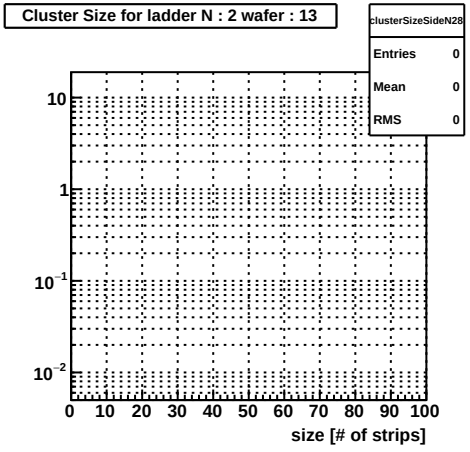

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

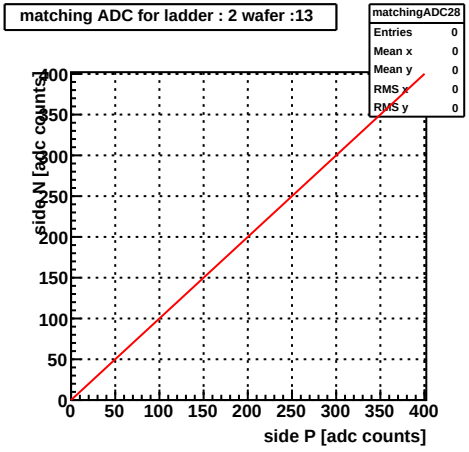

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

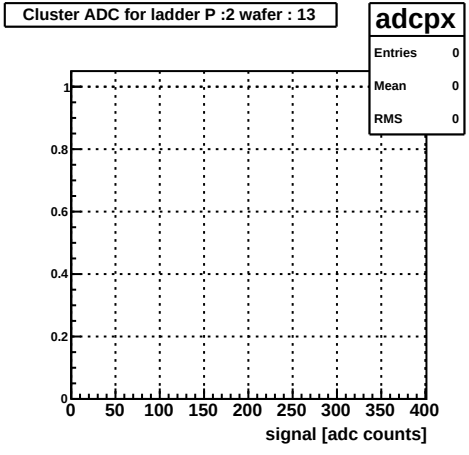

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

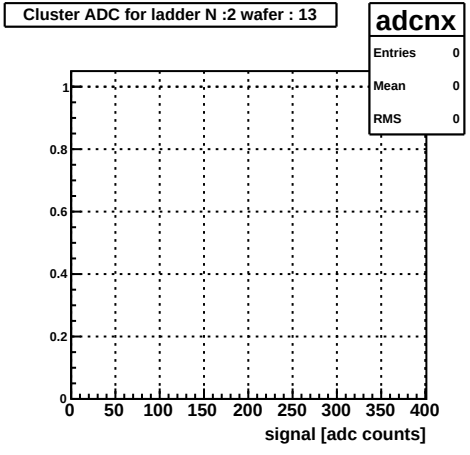

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

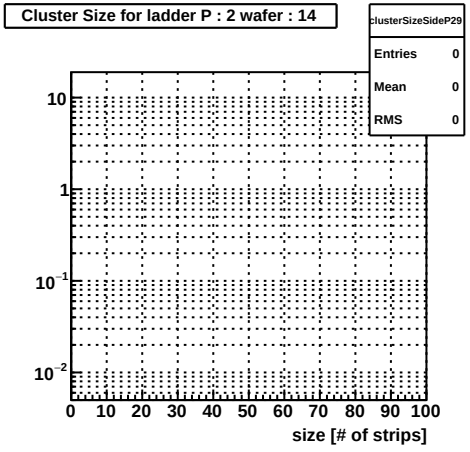

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

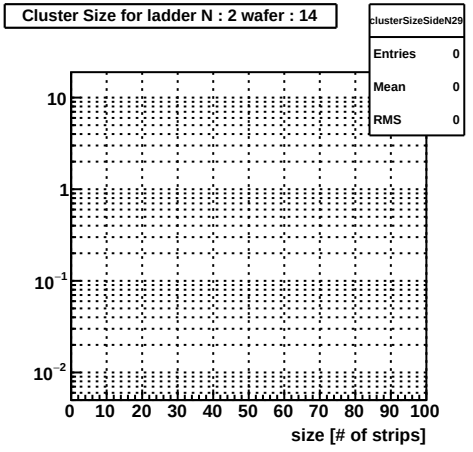

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

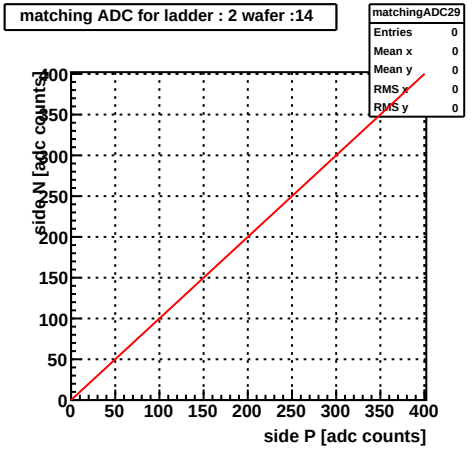

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

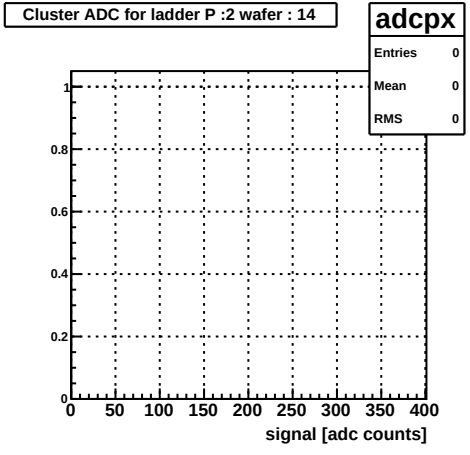

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

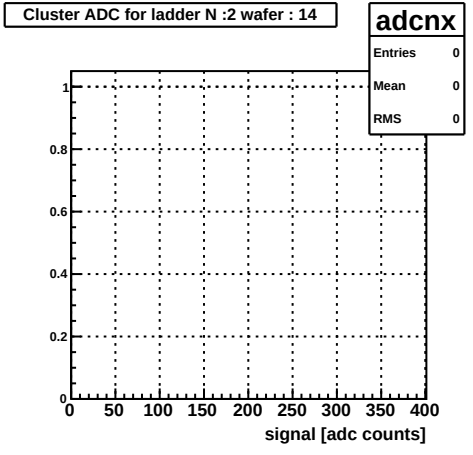

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

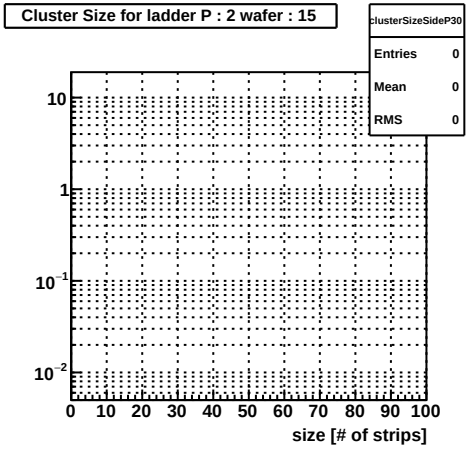

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

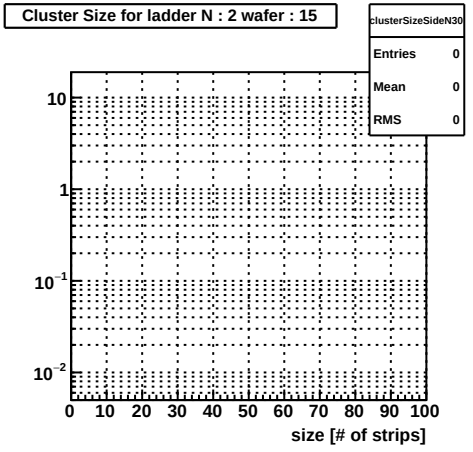

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

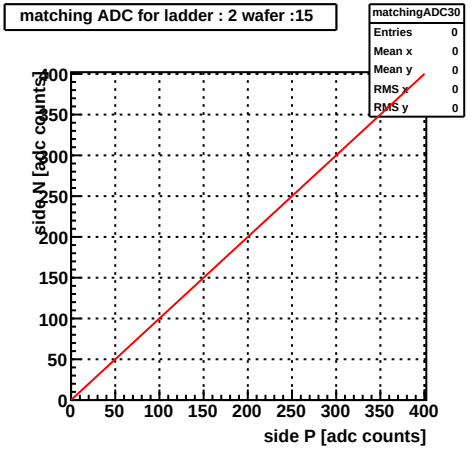

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

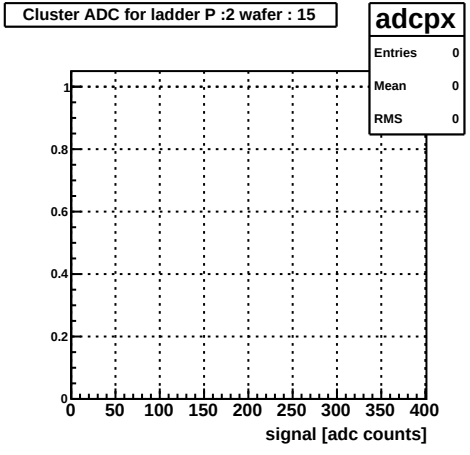

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

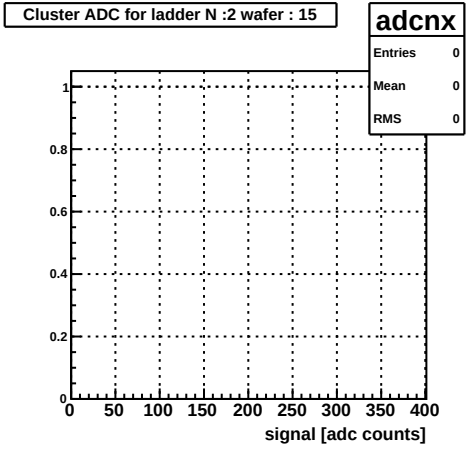

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

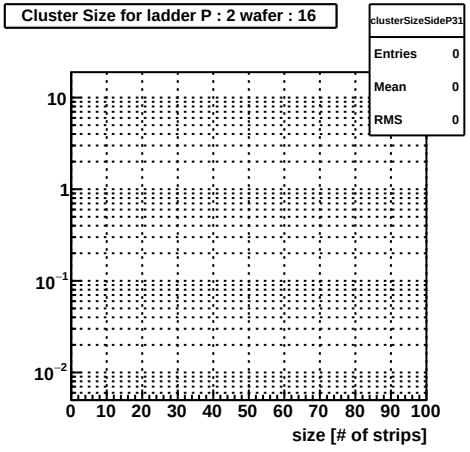

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

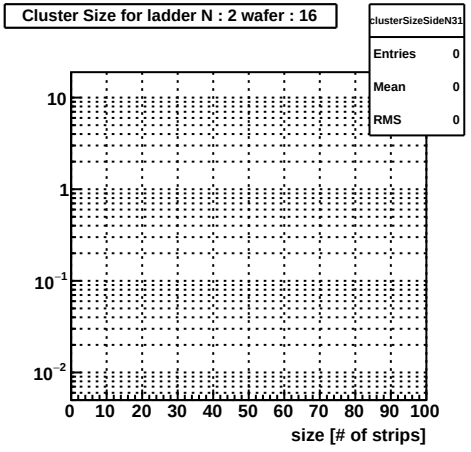

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

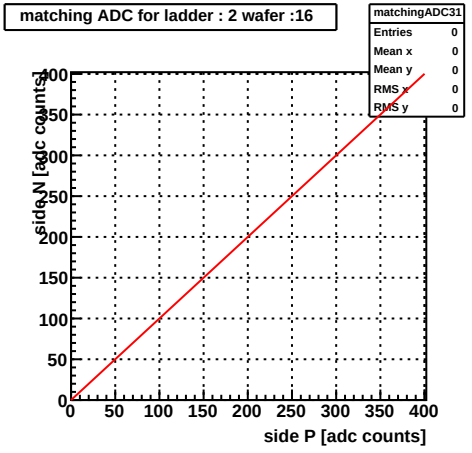

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

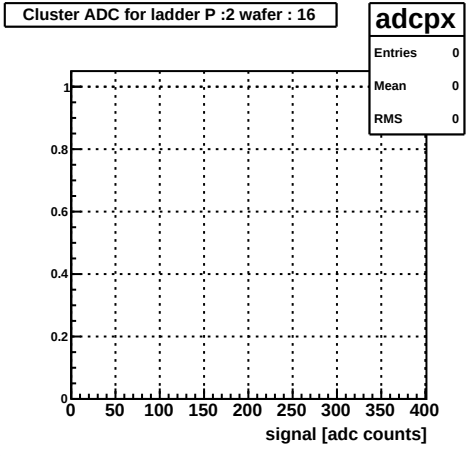

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

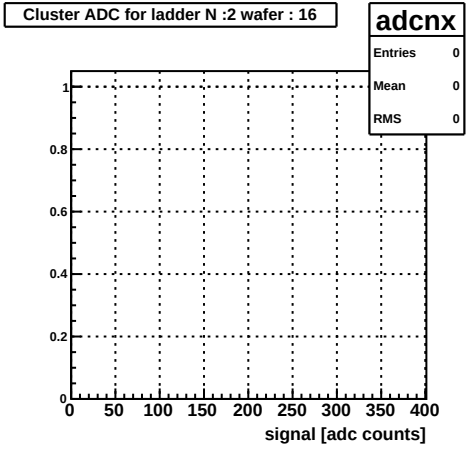

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

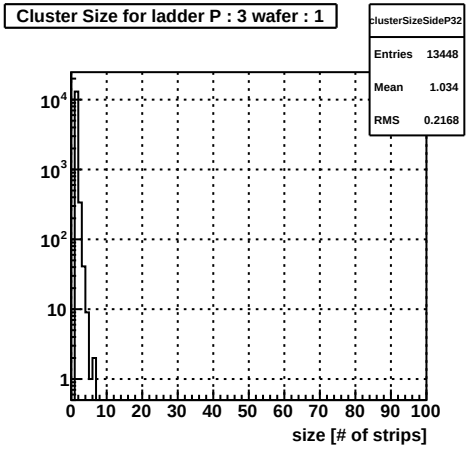

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

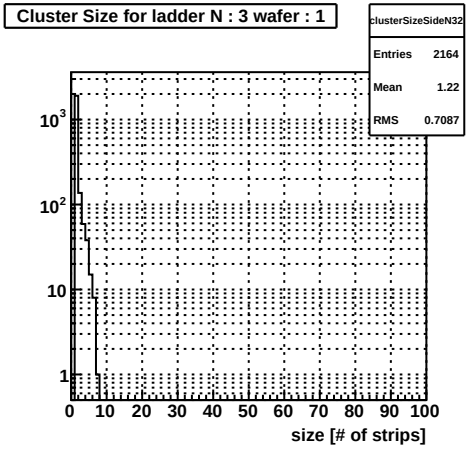

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

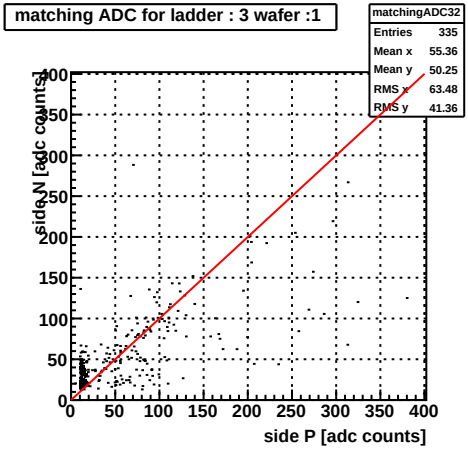

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

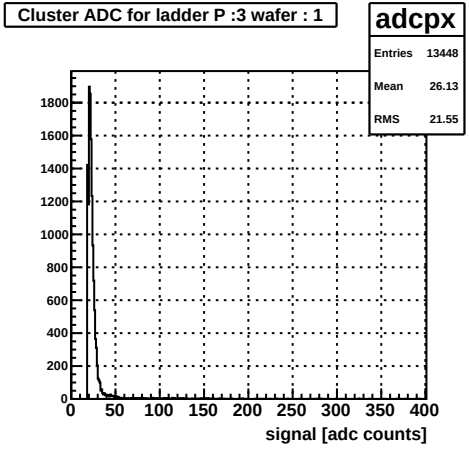

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

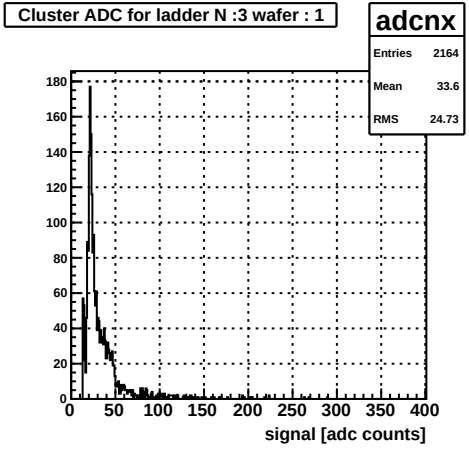

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

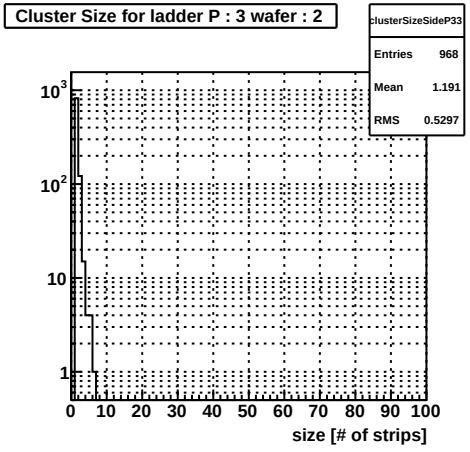

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 13448
Mean 1.034
RMS 0.2168
size [# of strips]

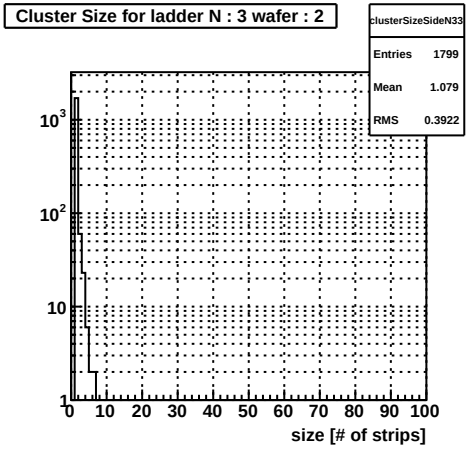

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 2164
Mean 1.22
RMS 0.7087
size [# of strips]

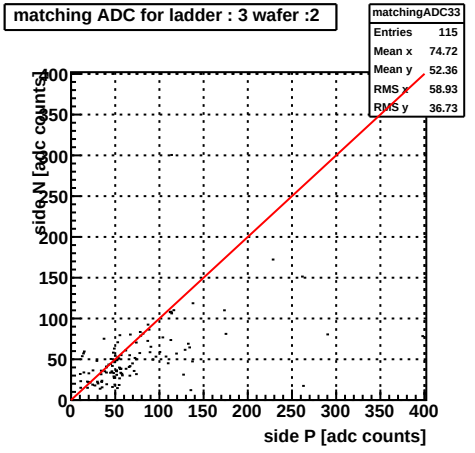

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 335
Mean x 55.36
Mean y 50.25
RMS x 63.48
RMS y 41.36
side N [adc counts]
side P [adc counts]

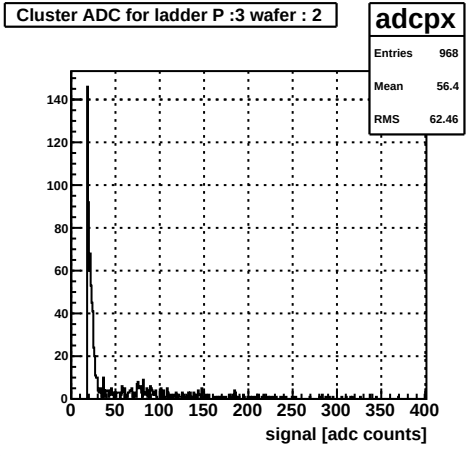

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 13448
Mean 26.13
RMS 21.55
signal [adc counts]

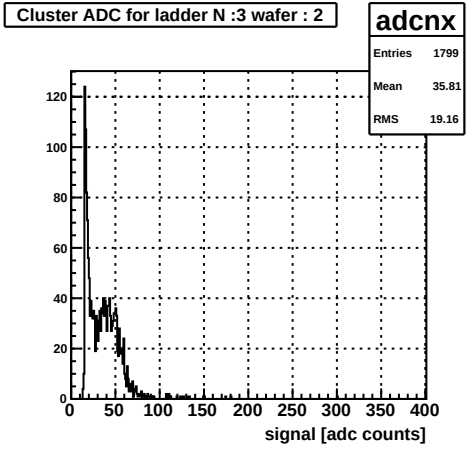

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 2164
Mean 33.6
RMS 24.73
signal [adc counts]

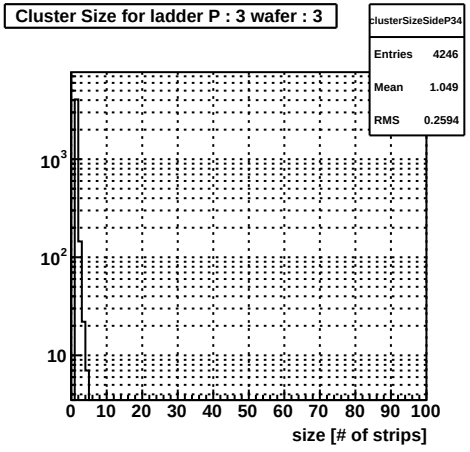

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 968
Mean 1.191
RMS 0.5297
size [# of strips]

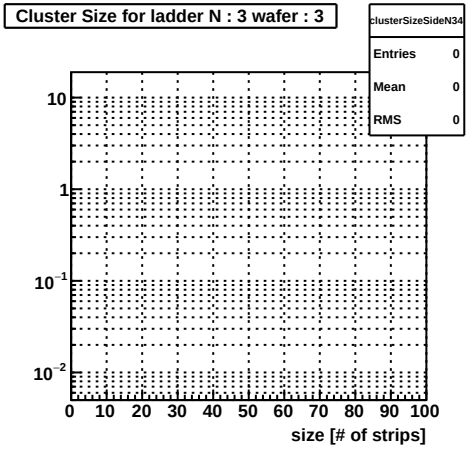

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 1799
Mean 1.079
RMS 0.3922
size [# of strips]

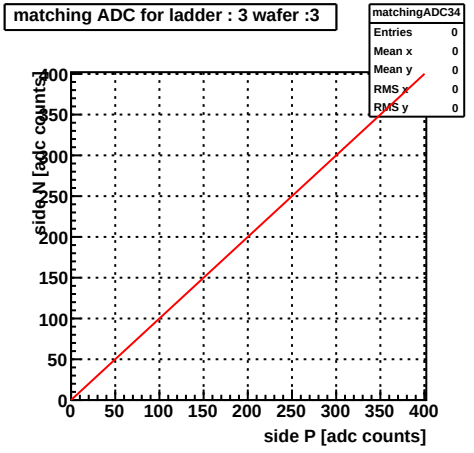

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 115
Mean x 74.72
Mean y 52.36
RMS x 58.93
RMS y 36.73
side N [adc counts]
side P [adc counts]

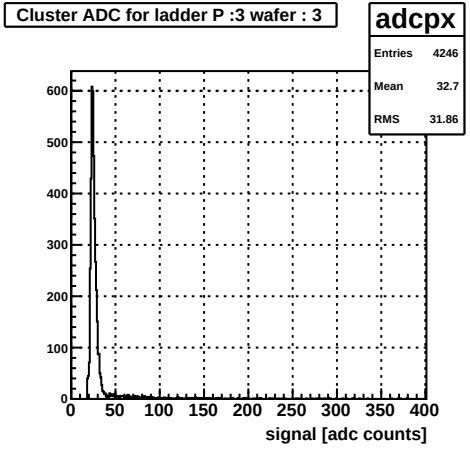

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 968
Mean 56.4
RMS 62.46
signal [adc counts]

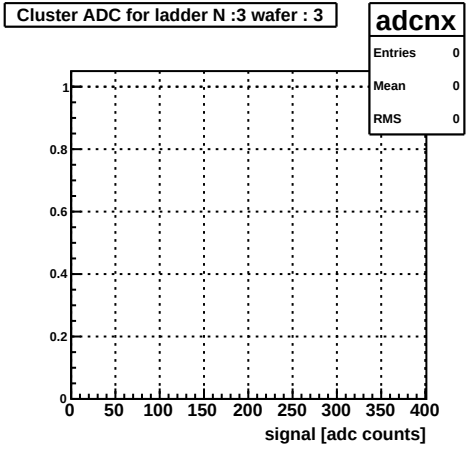

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 1799
Mean 35.81
RMS 19.16
signal [adc counts]

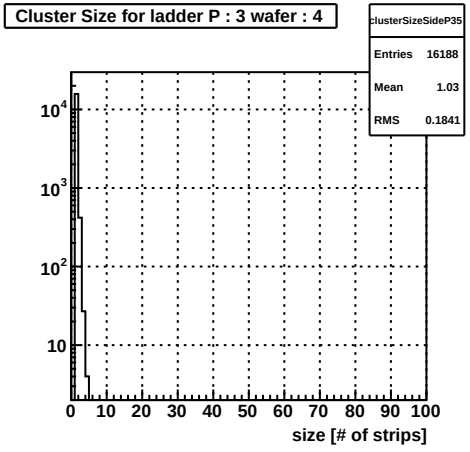

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 4246
Mean 1.049
RMS 0.2594
size [# of strips]

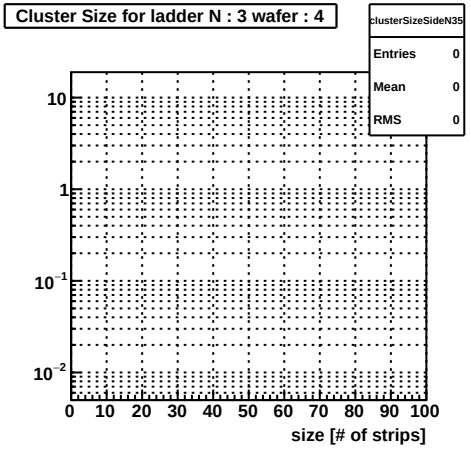

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

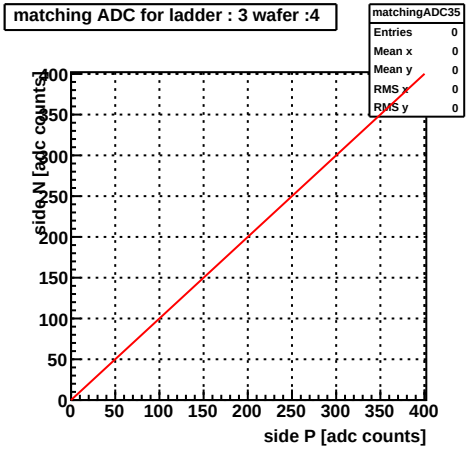

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

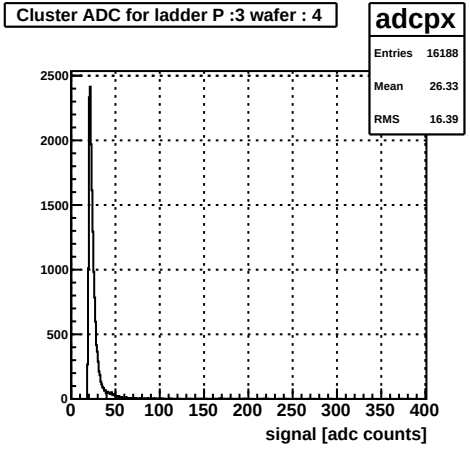

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 4246
Mean 32.7
RMS 31.86
signal [adc counts]

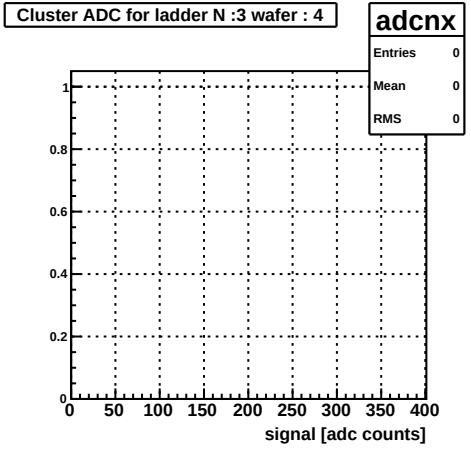

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

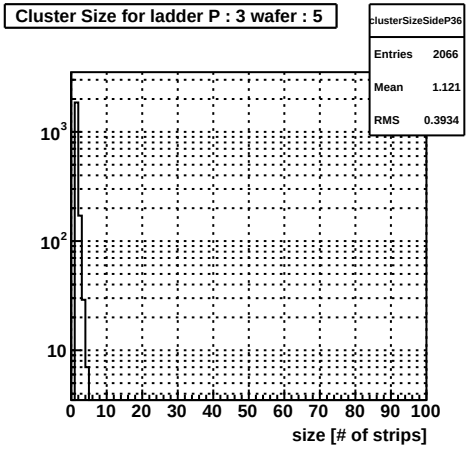

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 16188
Mean 1.03
RMS 0.1841
size [# of strips]

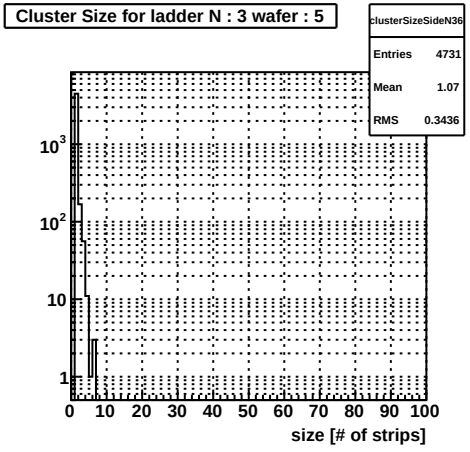

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

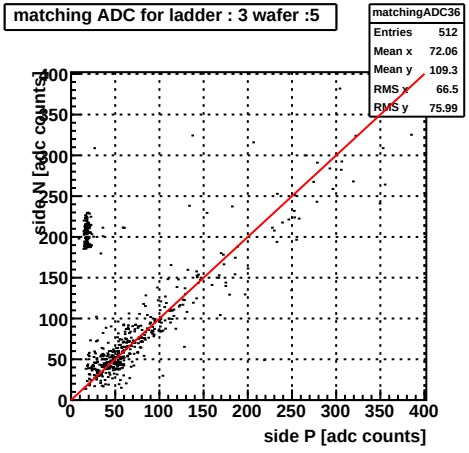

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

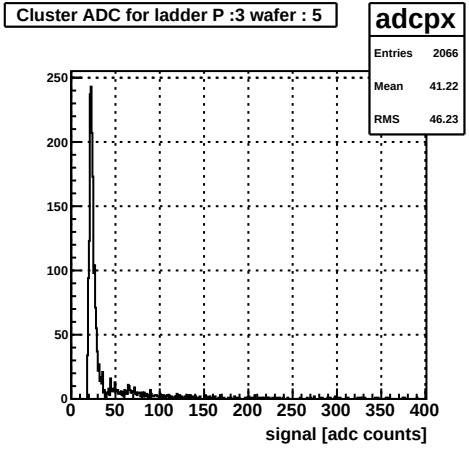

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 16188
Mean 26.33
RMS 16.39
signal [adc counts]

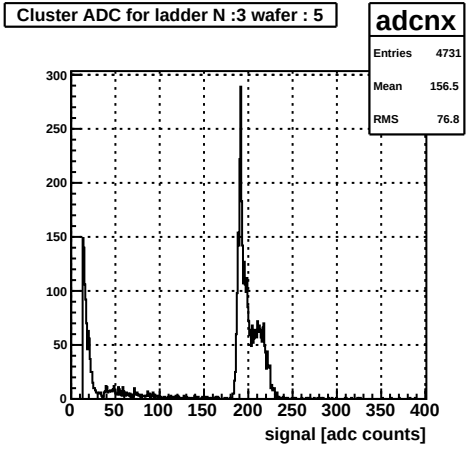

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

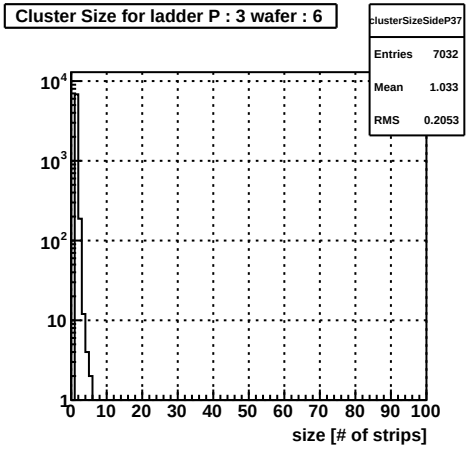

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 2066
Mean 1.121
RMS 0.3934
size [# of strips]

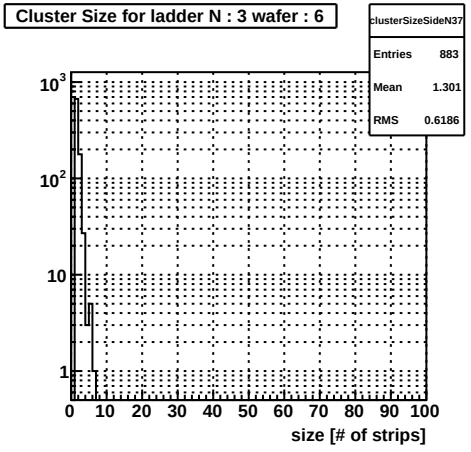

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 4731
Mean 1.07
RMS 0.3436
size [# of strips]

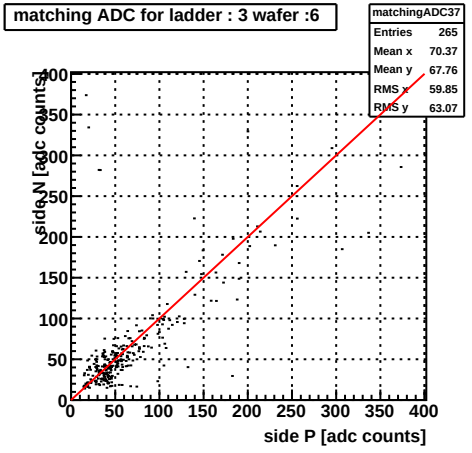

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 512
Mean x 72.06
Mean y 109.3
RMS x 66.5
RMS y 75.99
side N [adc counts]
side P [adc counts]

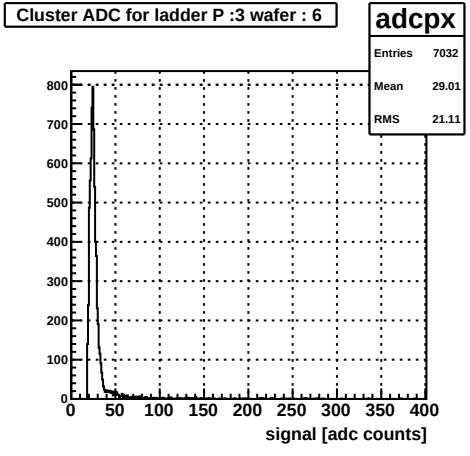

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 2066
Mean 41.22
RMS 46.23
signal [adc counts]

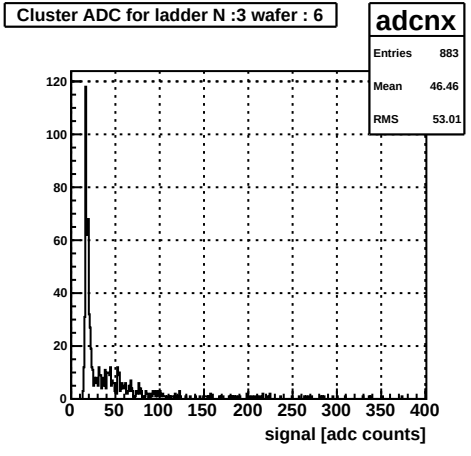

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 4731
Mean 156.5
RMS 76.8
signal [adc counts]

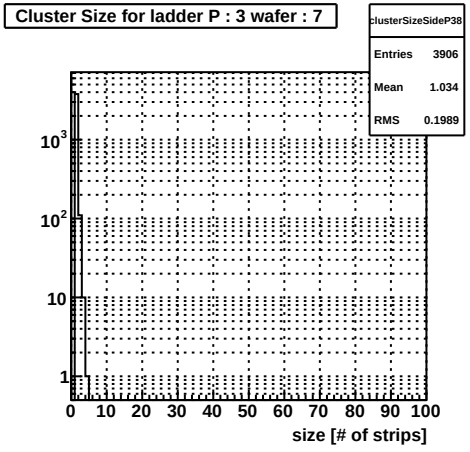

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 7032
Mean 1.033
RMS 0.2053
size [# of strips]

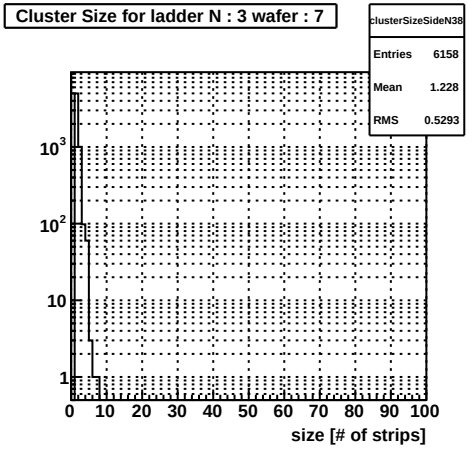

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 883
Mean 1.301
RMS 0.6186
size [# of strips]

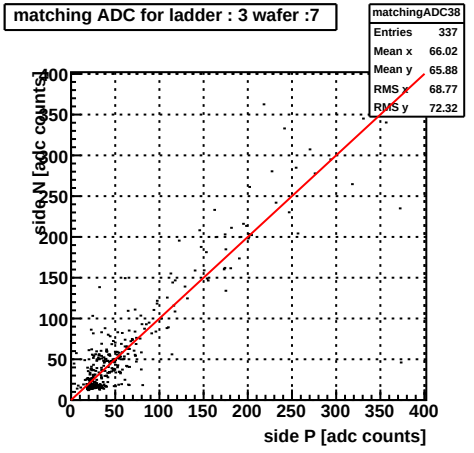

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 265
Mean x 70.37
Mean y 67.76
RMS x 59.85
RMS y 63.07
side N [adc counts]
side P [adc counts]

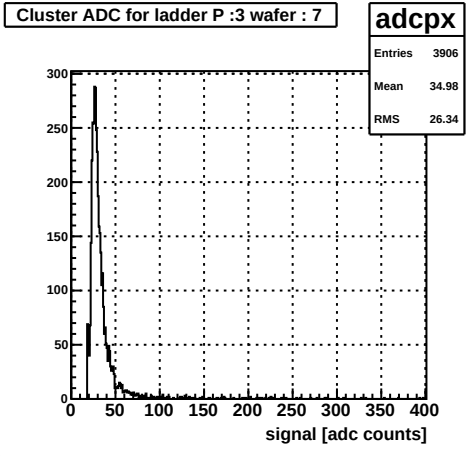

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 7032
Mean 29.01
RMS 21.11
signal [adc counts]

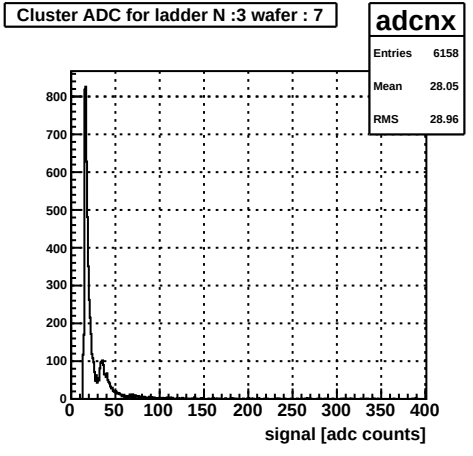

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 883
Mean 46.46
RMS 53.01
signal [adc counts]

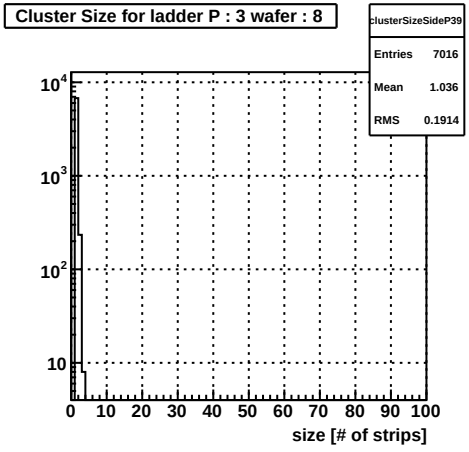

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 3906
Mean 1.034
RMS 0.1989
size [# of strips]

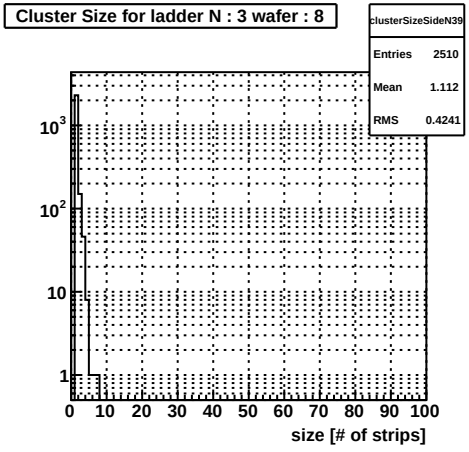

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 6158
Mean 1.228
RMS 0.5293
size [# of strips]

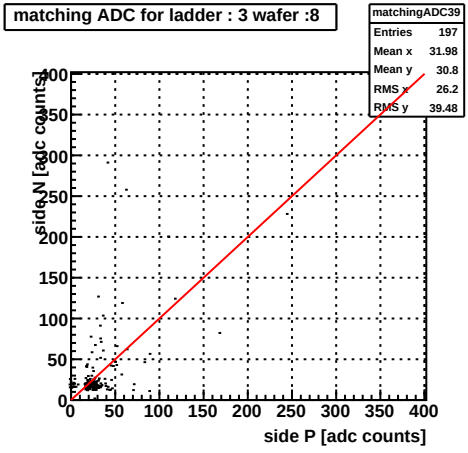

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 337
Mean x 66.02
Mean y 65.88
RMS x 68.77
RMS y 72.32
side N [adc counts]
side P [adc counts]

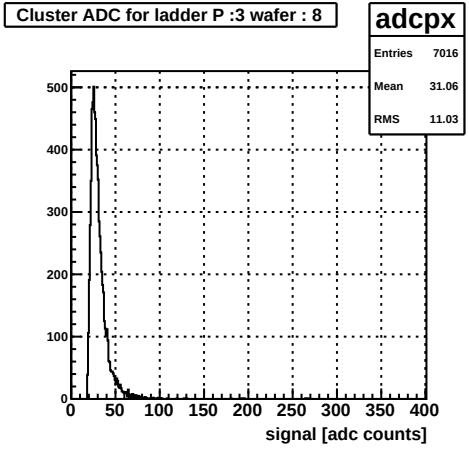

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 3906
Mean 34.98
RMS 26.34
signal [adc counts]

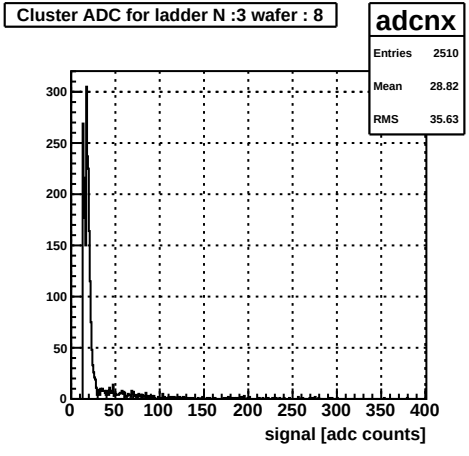

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 6158
Mean 28.05
RMS 28.96
signal [adc counts]

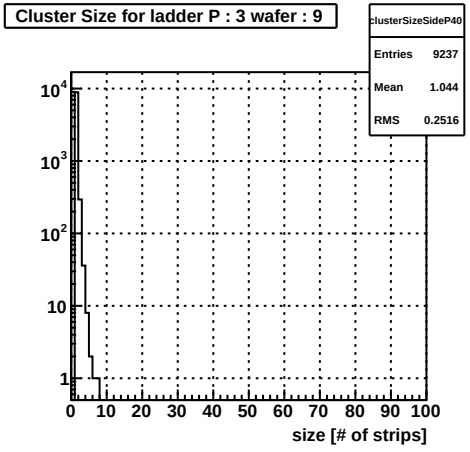

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 7016
Mean 1.036
RMS 0.1914
size [# of strips]

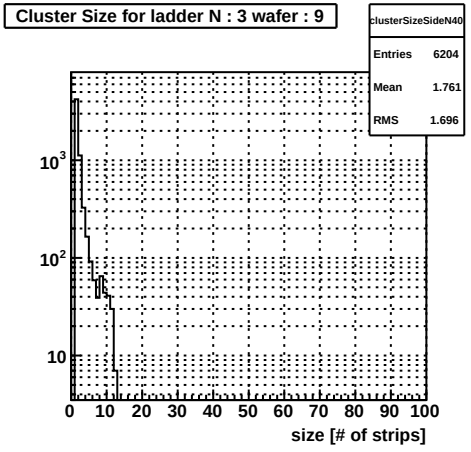

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 2510
Mean 1.112
RMS 0.4241
size [# of strips]

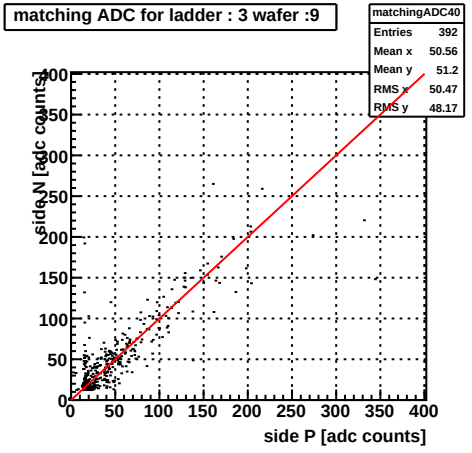

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 197
Mean x 31.98
Mean y 30.8
RMS x 26.2
RMS y 39.48
side N [adc counts]
side P [adc counts]

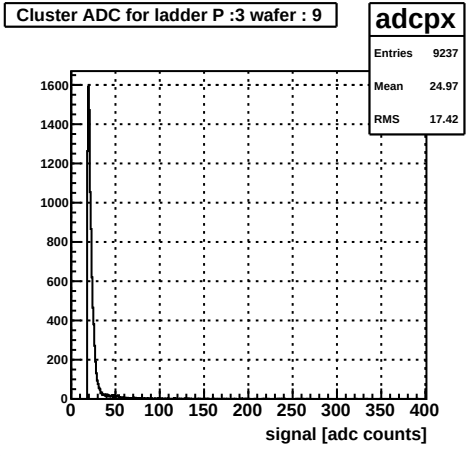

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 7016
Mean 31.06
RMS 11.03
signal [adc counts]

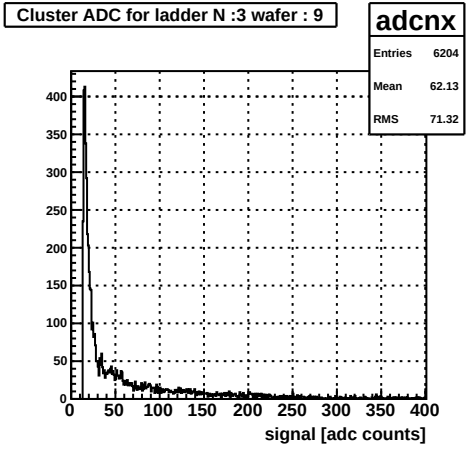

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 2510
Mean 28.82
RMS 35.63
signal [adc counts]

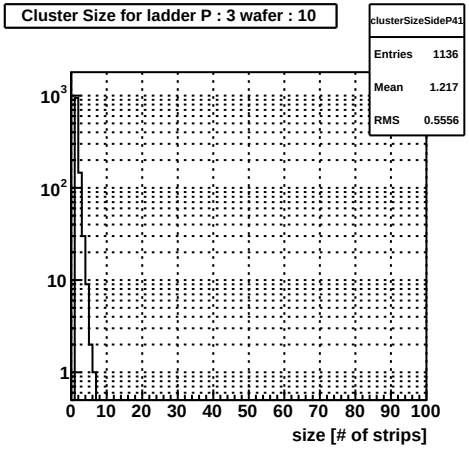

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 9237
Mean 1.044
RMS 0.2516
size [# of strips]

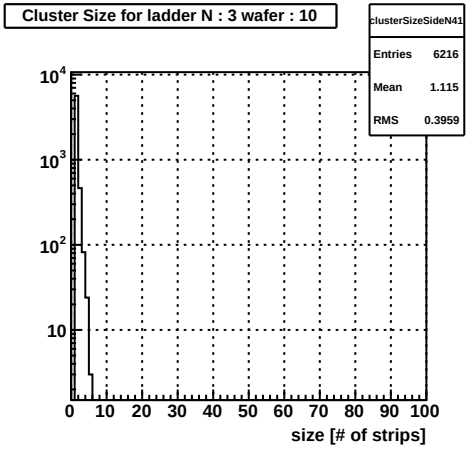

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 6204
Mean 1.761
RMS 1.696
size [# of strips]

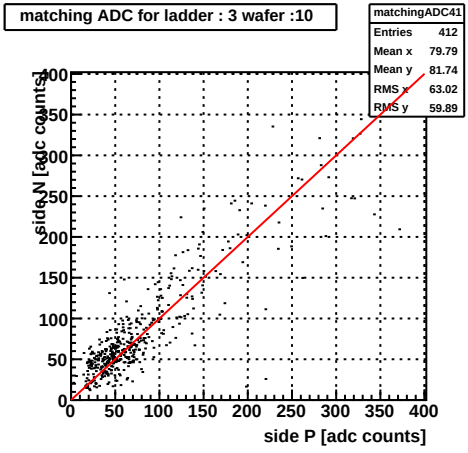

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 392
Mean x 50.56
Mean y 51.2
RMS x 50.47
RMS y 48.17
side N [adc counts]
side P [adc counts]

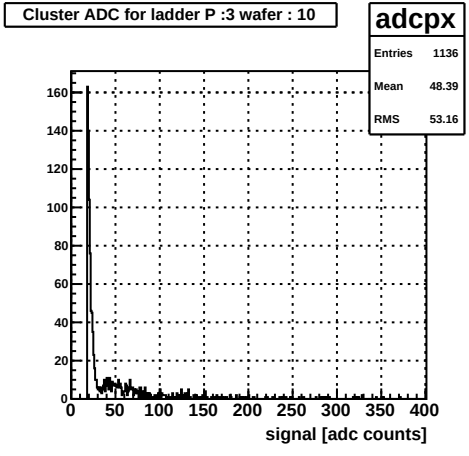

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 9237
Mean 24.97
RMS 17.42
signal [adc counts]

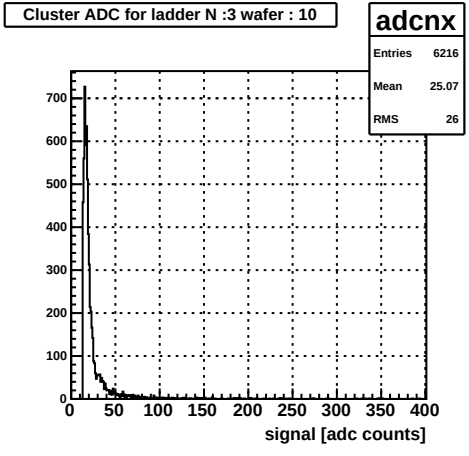

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 6204
Mean 62.13
RMS 71.32
signal [adc counts]

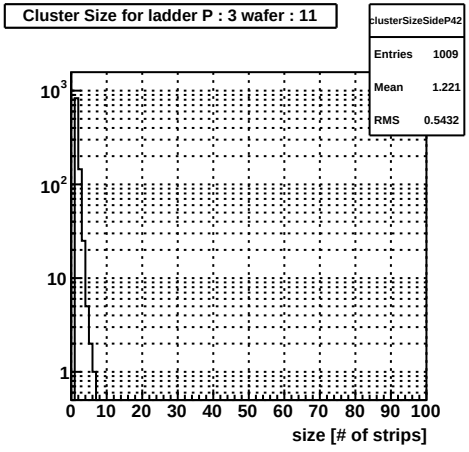

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 1136
Mean 1.217
RMS 0.5556
size [# of strips]

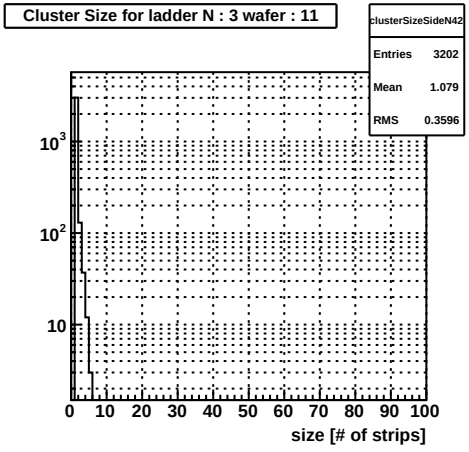

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 6216
Mean 1.115
RMS 0.3959
size [# of strips]

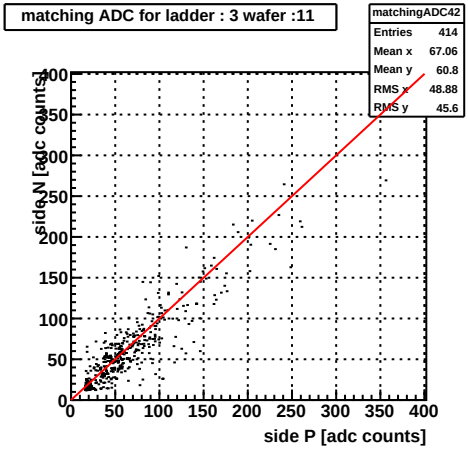

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 412
Mean x 79.79
Mean y 81.74
RMS x 63.02
RMS y 59.89
side N [adc counts]
side P [adc counts]

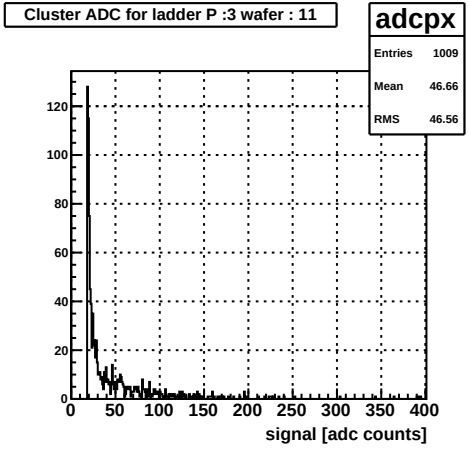

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 1136
Mean 48.39
RMS 53.16
signal [adc counts]

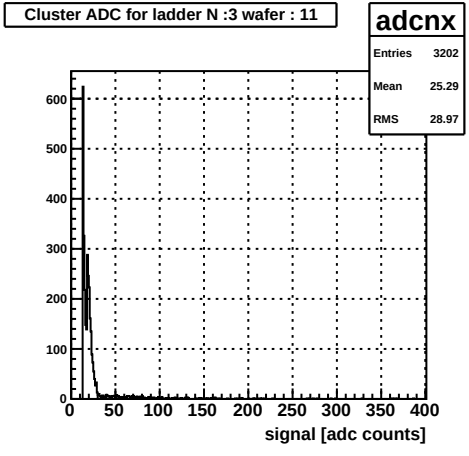

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 6216
Mean 25.07
RMS 26
signal [adc counts]

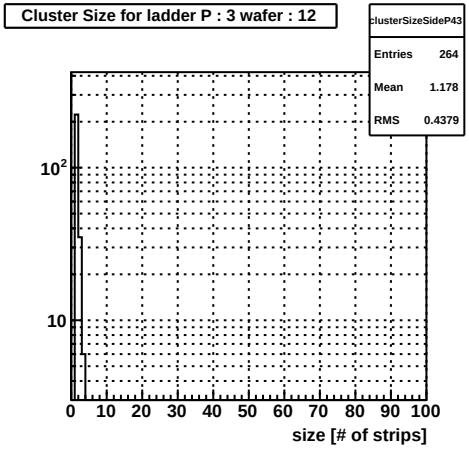

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 1009
Mean 1.221
RMS 0.5432
size [# of strips]

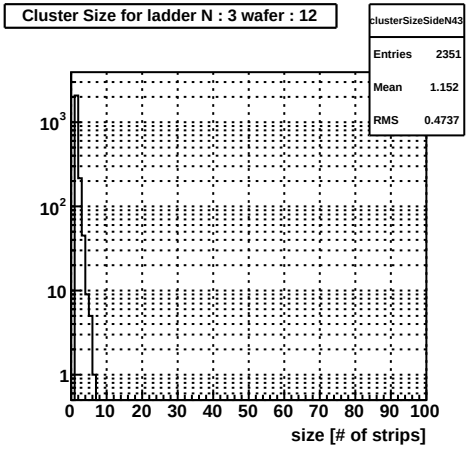

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 3202
Mean 1.079
RMS 0.3596
size [# of strips]

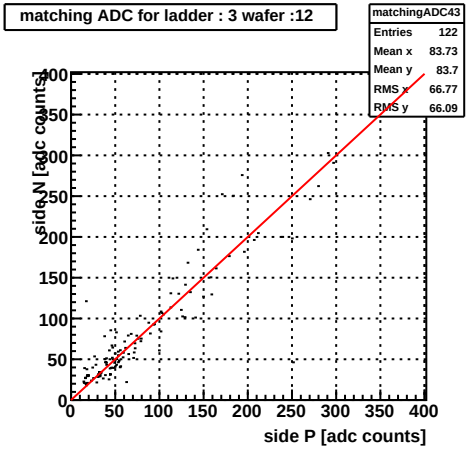

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 414
Mean x 67.06
Mean y 60.8
RMS x 48.88
RMS y 45.6
side N [adc counts]
side P [adc counts]

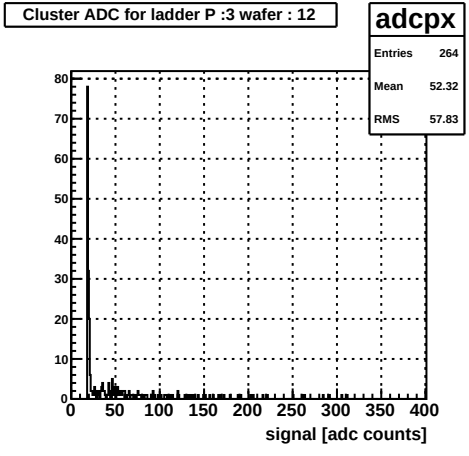

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 1009
Mean 46.66
RMS 46.56
signal [adc counts]

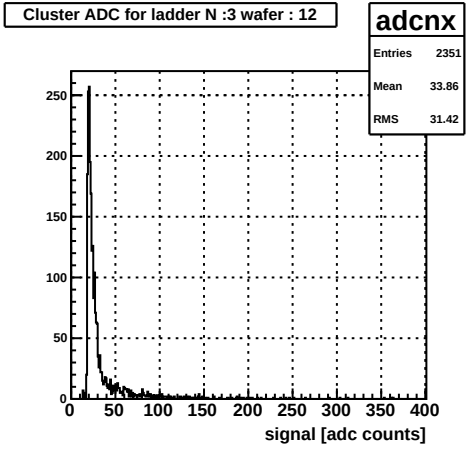

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 3202
Mean 25.29
RMS 28.97
signal [adc counts]

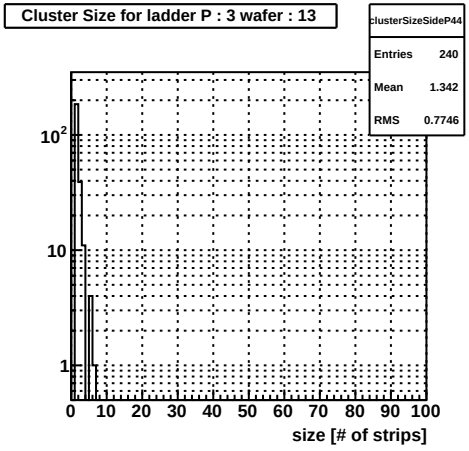

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 264
Mean 1.178
RMS 0.4379
size [# of strips]

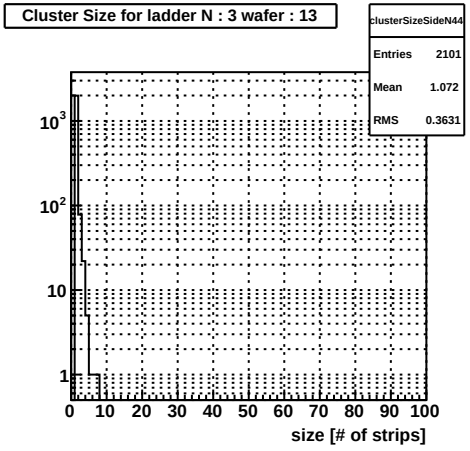

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 2351
Mean 1.152
RMS 0.4737
size [# of strips]

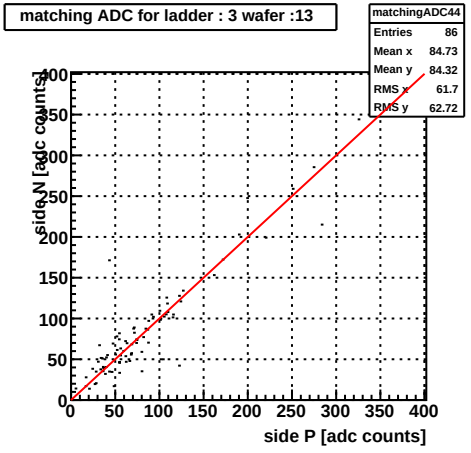

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 122
Mean x 83.73
Mean y 83.7
RMS x 66.77
RMS y 66.09
side N [adc counts]
side P [adc counts]

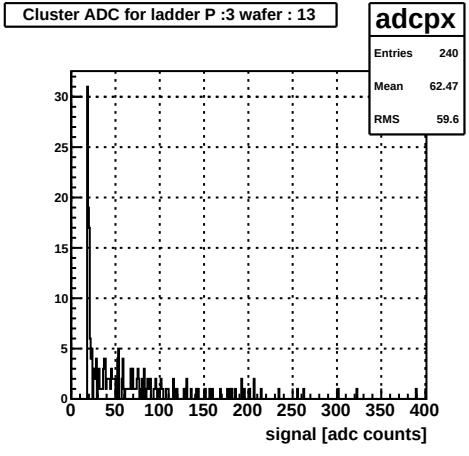

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 264
Mean 52.32
RMS 57.83
signal [adc counts]

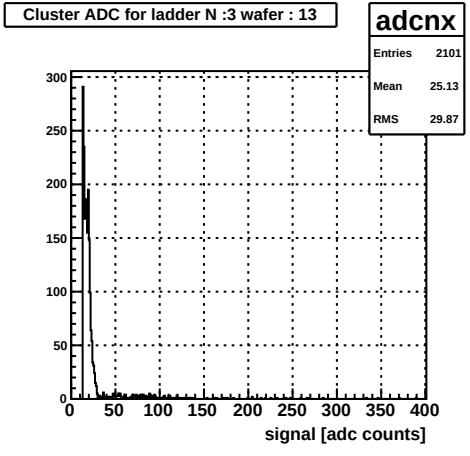

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 2351
Mean 33.86
RMS 31.42
signal [adc counts]

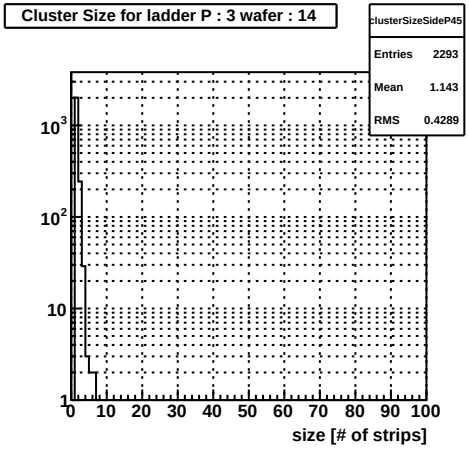

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 240
Mean 1.342
RMS 0.7746
size [# of strips]

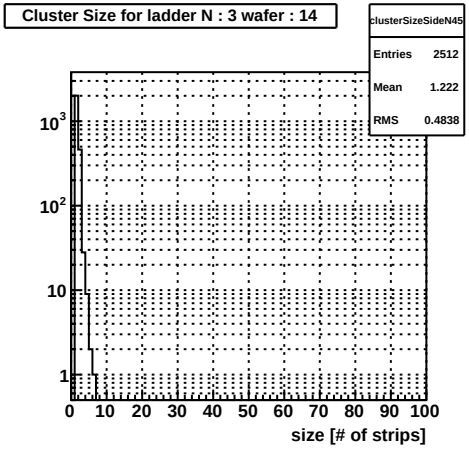

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 2101
Mean 1.072
RMS 0.3631
size [# of strips]

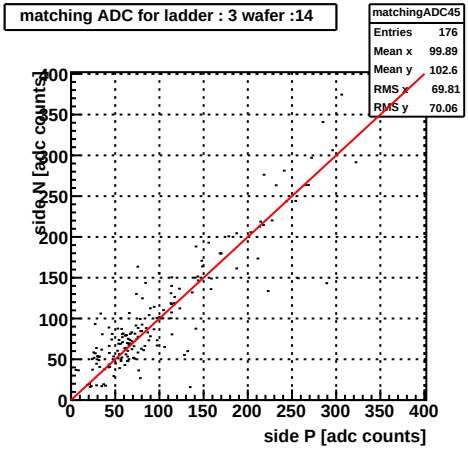

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 86
Mean x 84.73
Mean y 84.32
RMS x 61.7
RMS y 62.72
side N [adc counts]
side P [adc counts]

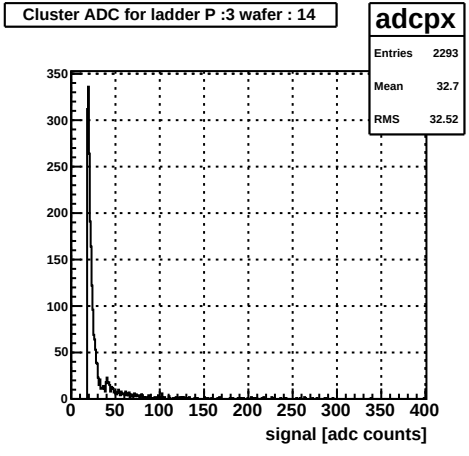

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 240
Mean 62.47
RMS 59.6
signal [adc counts]

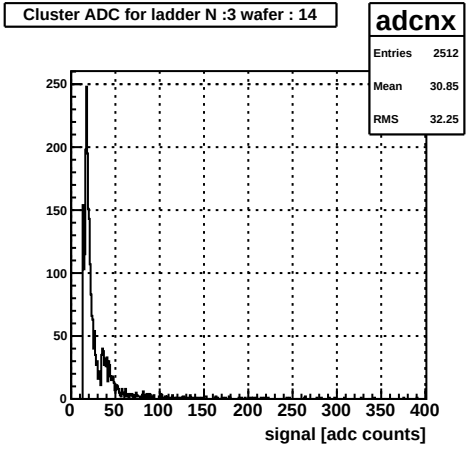

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 2101
Mean 25.13
RMS 29.87
signal [adc counts]

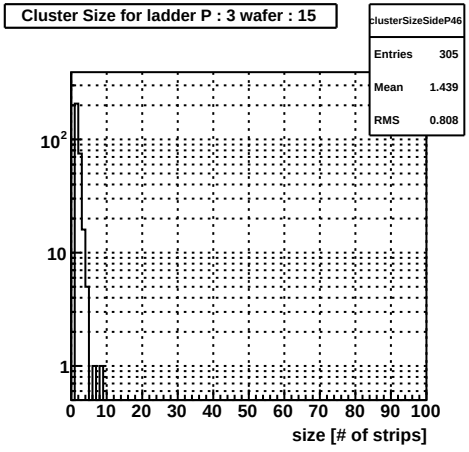

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 2293
Mean 1.143
RMS 0.4289
size [# of strips]

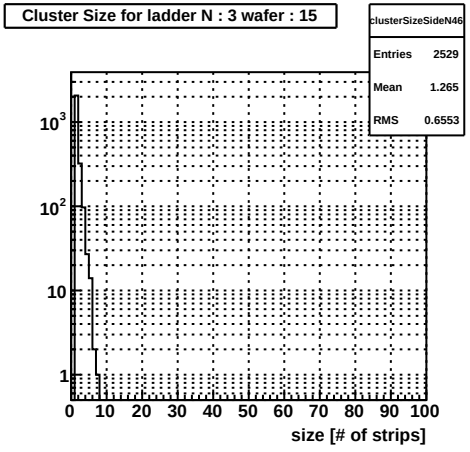

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 2512
Mean 1.222
RMS 0.4838
size [# of strips]

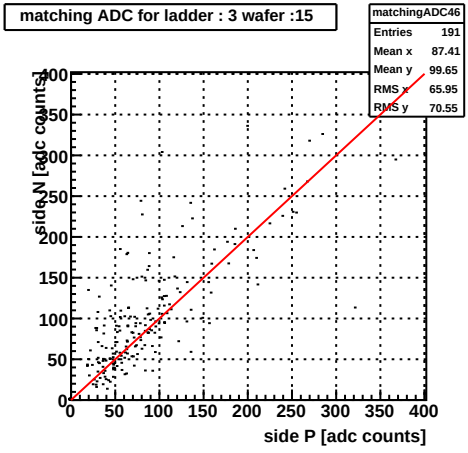

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 176
Mean x 99.89
Mean y 102.6
RMS x 69.81
RMS y 70.06
side N [adc counts]
side P [adc counts]

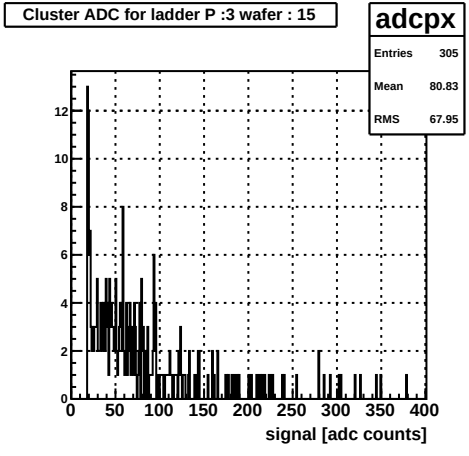

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 2293
Mean 32.7
RMS 32.52
signal [adc counts]

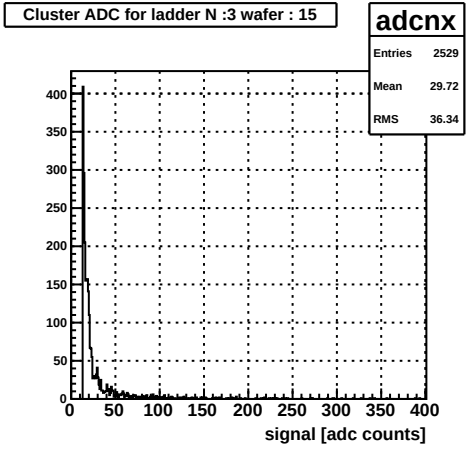

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 2512
Mean 30.85
RMS 32.25
signal [adc counts]

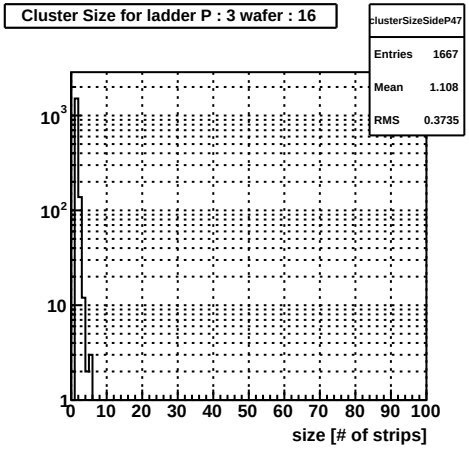

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 305
Mean 1.439
RMS 0.808
size [# of strips]

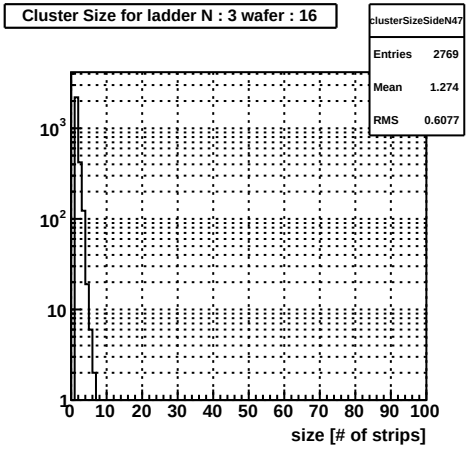

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 2529
Mean 1.265
RMS 0.6553
size [# of strips]

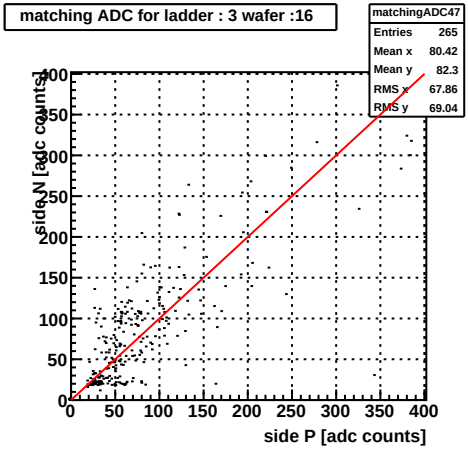

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 191
Mean x 87.41
Mean y 99.65
RMS x 65.95
RMS y 70.55
side N [adc counts]
side P [adc counts]

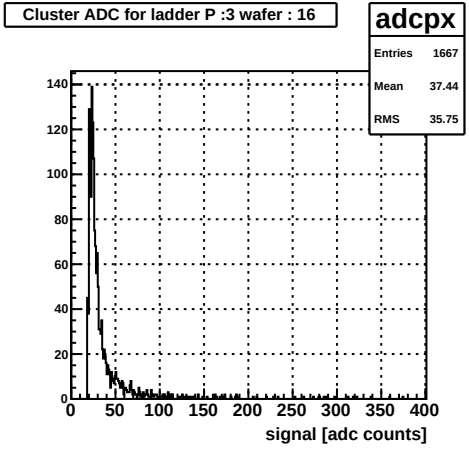

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 305
Mean 80.83
RMS 67.95
signal [adc counts]

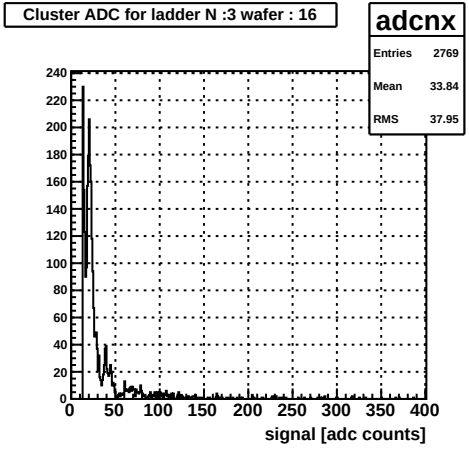

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 2529
Mean 29.72
RMS 36.34
signal [adc counts]

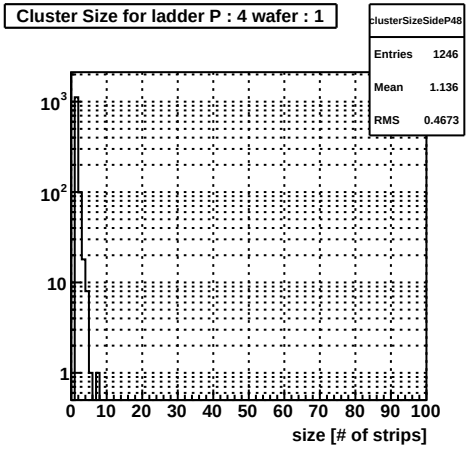

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 1667
Mean 1.108
RMS 0.3735
size [# of strips]

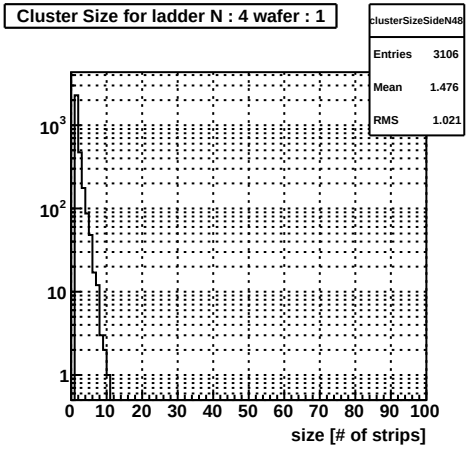

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 2769
Mean 1.274
RMS 0.6077
size [# of strips]

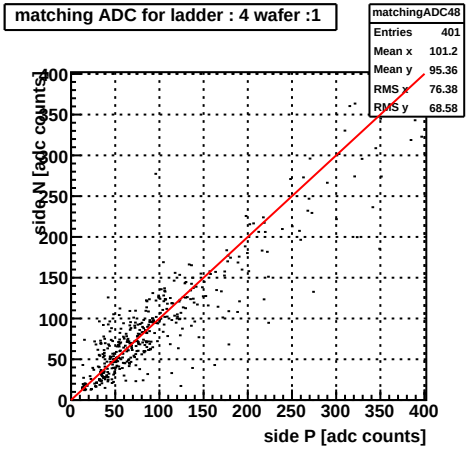

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 265
Mean x 80.42
Mean y 82.3
RMS x 67.86
RMS y 69.04
side N [adc counts]
side P [adc counts]

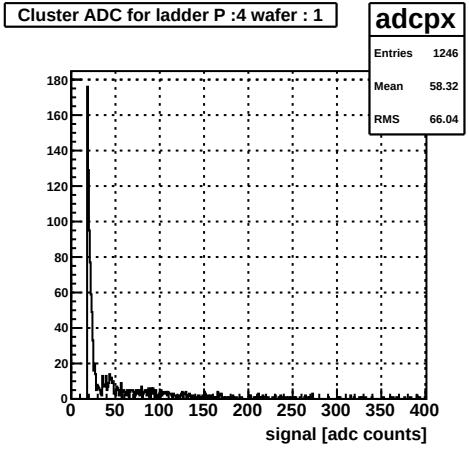

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 1667
Mean 37.44
RMS 35.75
signal [adc counts]

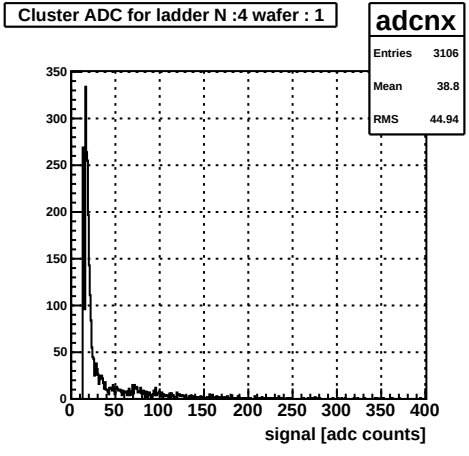

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 2769
Mean 33.84
RMS 37.95
signal [adc counts]

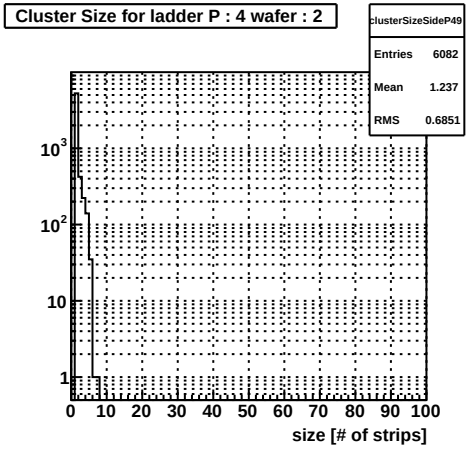

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 1246
Mean 1.136
RMS 0.4673
size [# of strips]

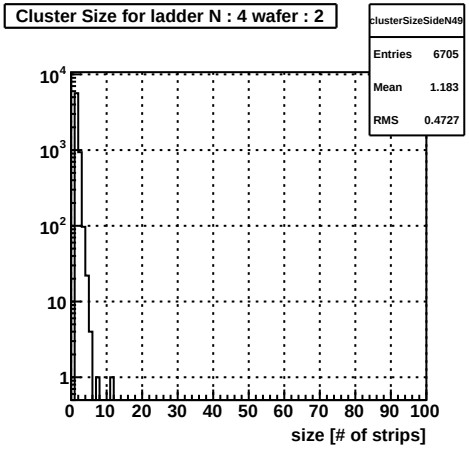

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 3106
Mean 1.476
RMS 1.021
size [# of strips]

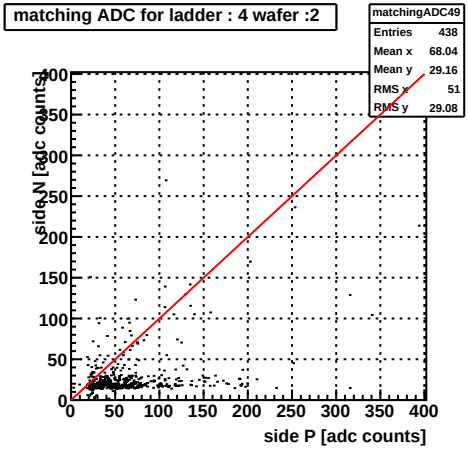

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 401
Mean x 101.2
Mean y 95.36
RMS x 76.38
RMS y 68.58
side N [adc counts]
side P [adc counts]

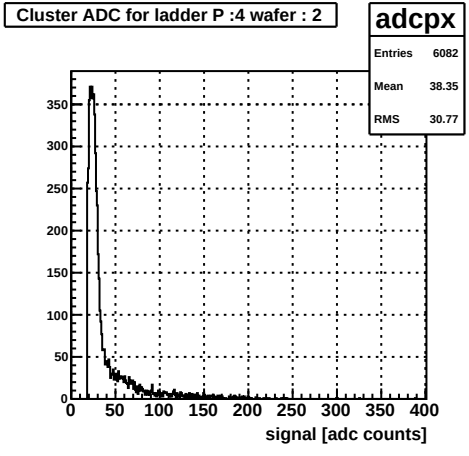

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 1246
Mean 58.32
RMS 66.04
signal [adc counts]

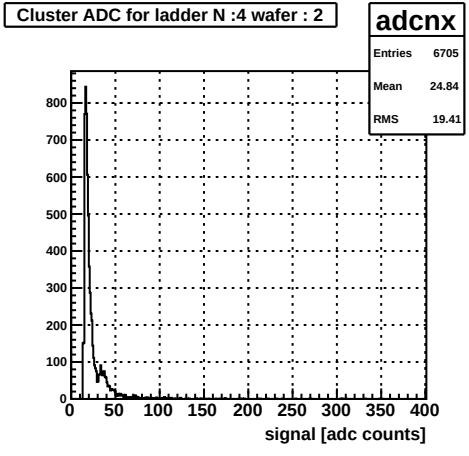

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 3106
Mean 38.8
RMS 44.94
signal [adc counts]

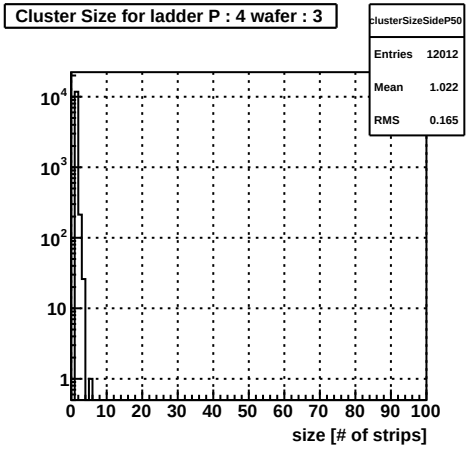

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 6082
Mean 1.237
RMS 0.6851
size [# of strips]

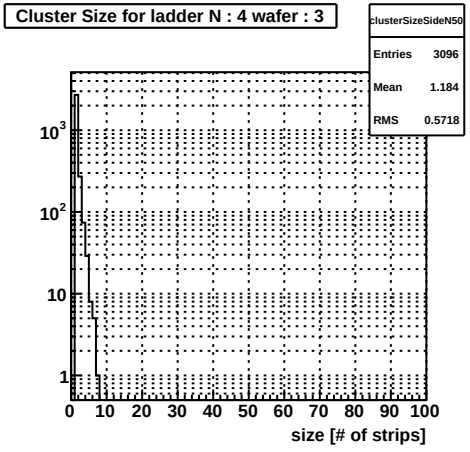

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 6705
Mean 1.183
RMS 0.4727
size [# of strips]

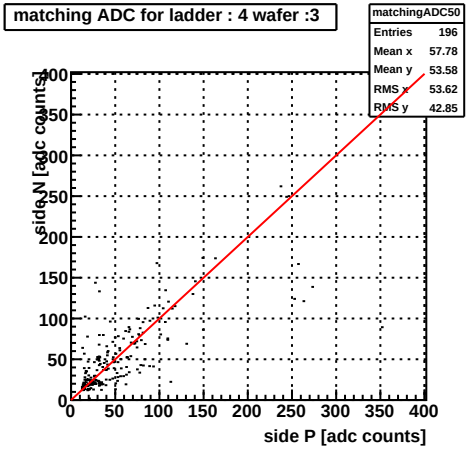

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 438
Mean x 68.04
Mean y 29.16
RMS x 51
RMS y 29.08
side N [adc counts]
side P [adc counts]

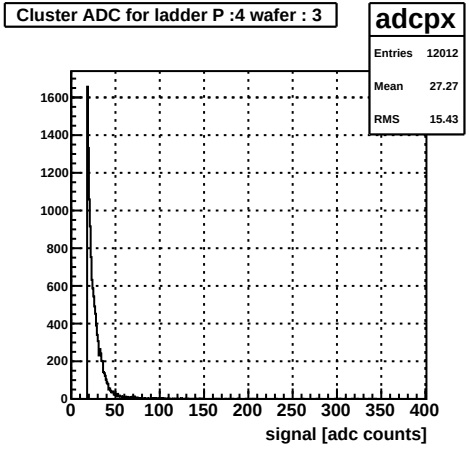

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 6082
Mean 38.35
RMS 30.77
signal [adc counts]

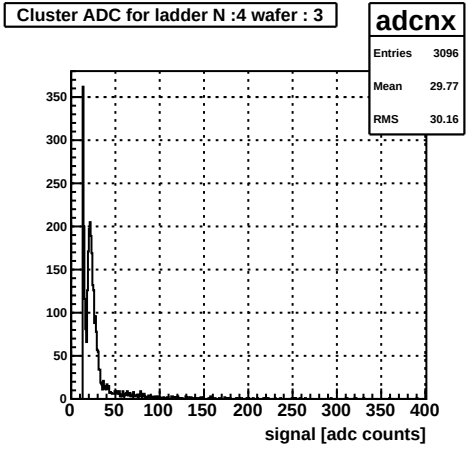

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 6705
Mean 24.84
RMS 19.41
signal [adc counts]

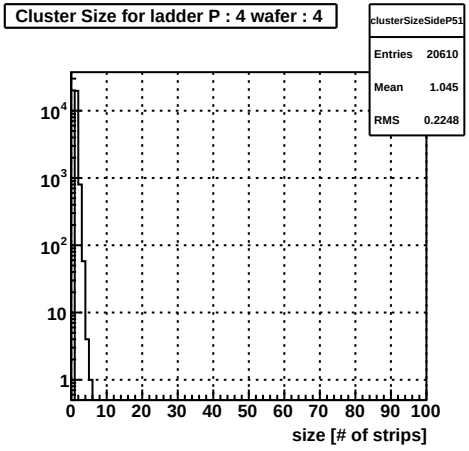

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 12012
Mean 1.022
RMS 0.165
size [# of strips]

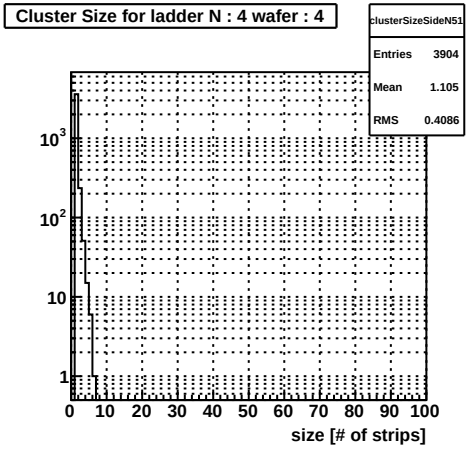

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 3096
Mean 1.184
RMS 0.5718
size [# of strips]

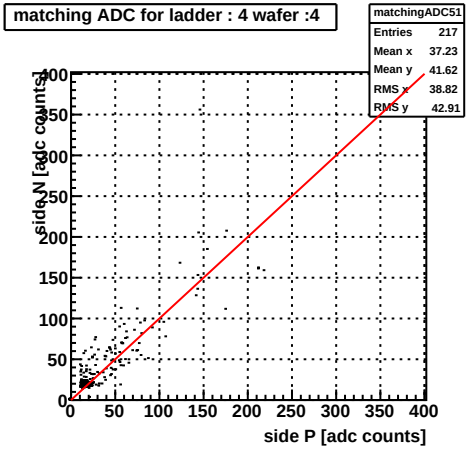

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 196
Mean x 57.78
Mean y 53.58
RMS x 53.62
RMS y 42.85
side N [adc counts]
side P [adc counts]

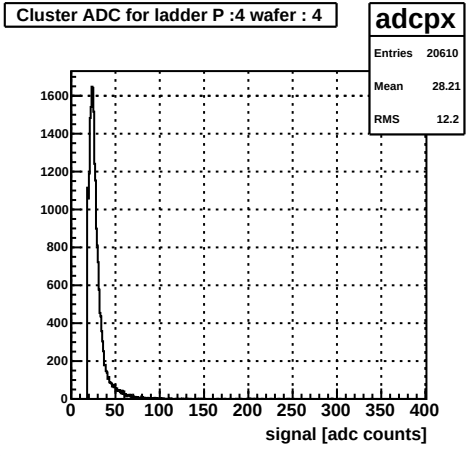

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 12012
Mean 27.27
RMS 15.43
signal [adc counts]

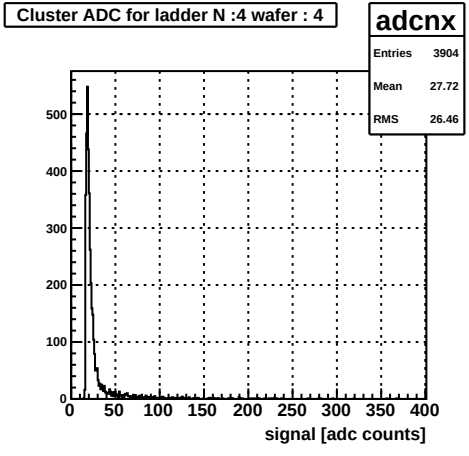

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 3096
Mean 29.77
RMS 30.16
signal [adc counts]

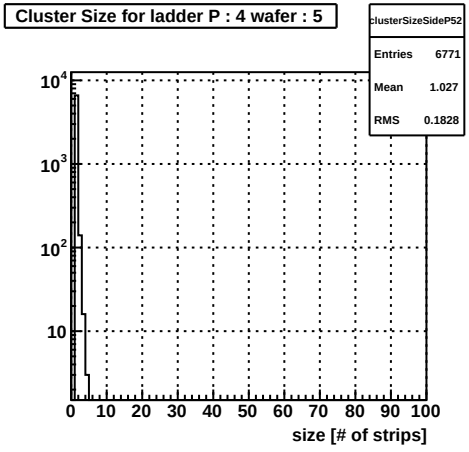

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 20610
Mean 1.045
RMS 0.2248
size [# of strips]

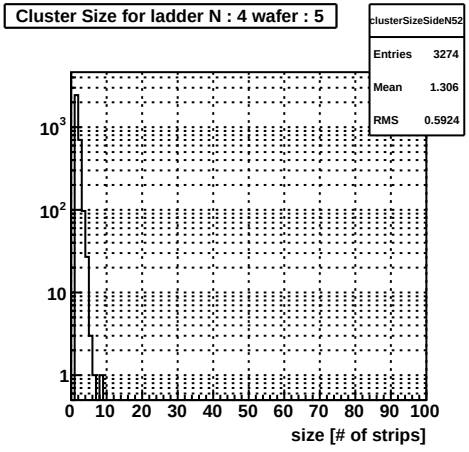

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 3904
Mean 1.105
RMS 0.4086
size [# of strips]

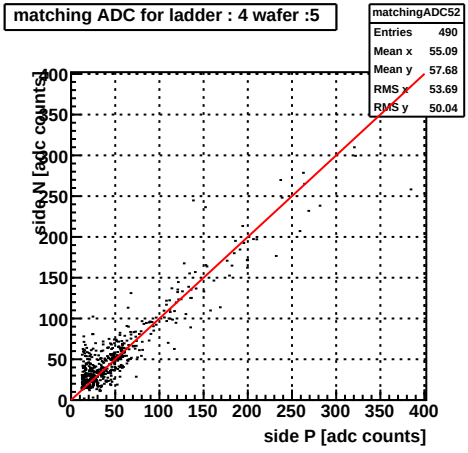

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 217
Mean x 37.23
Mean y 41.62
RMS x 38.82
RMS y 42.91
side N [adc counts]
side P [adc counts]

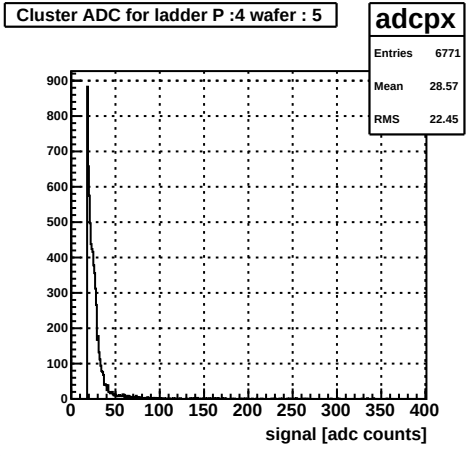

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 20610
Mean 28.21
RMS 12.2
signal [adc counts]

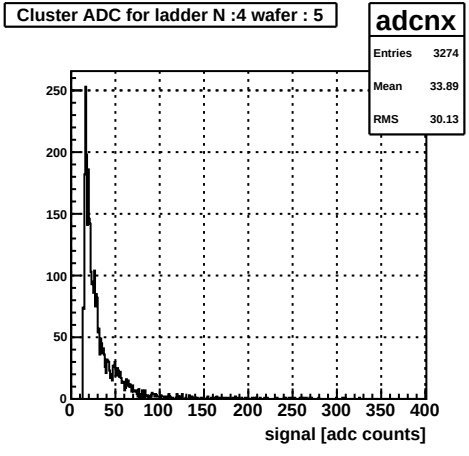

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 3904
Mean 27.72
RMS 26.46
signal [adc counts]

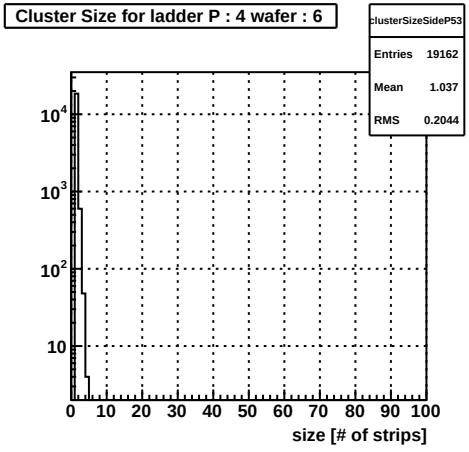

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 6771
Mean 1.027
RMS 0.1828
size [# of strips]

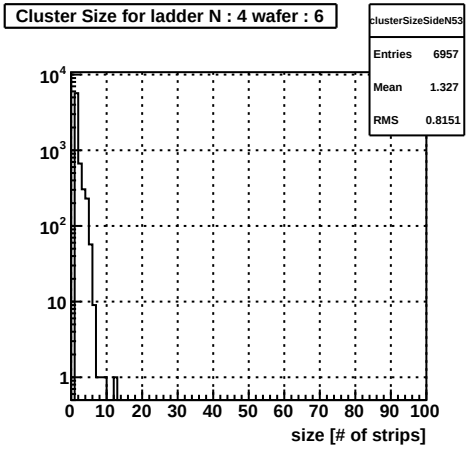

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 3274
Mean 1.306
RMS 0.5924
size [# of strips]

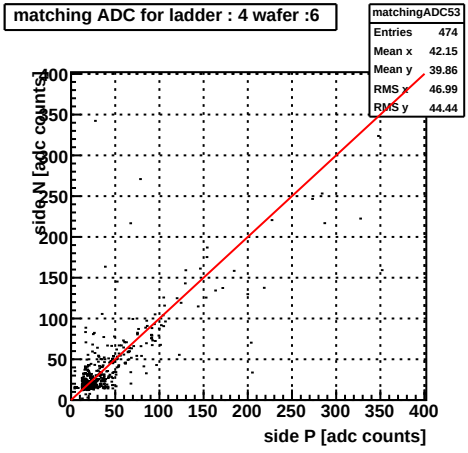

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 490
Mean x 55.09
Mean y 57.68
RMS x 53.69
RMS y 50.04
side N [adc counts]
side P [adc counts]

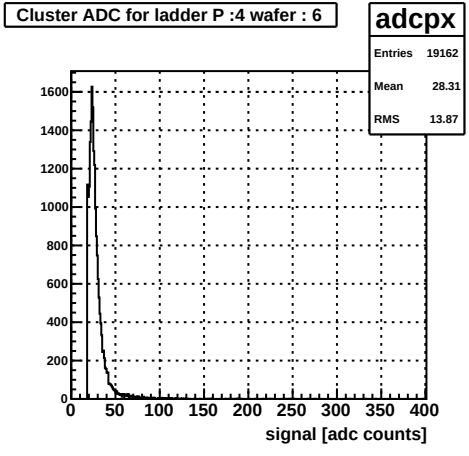

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 6771
Mean 28.57
RMS 22.45
signal [adc counts]

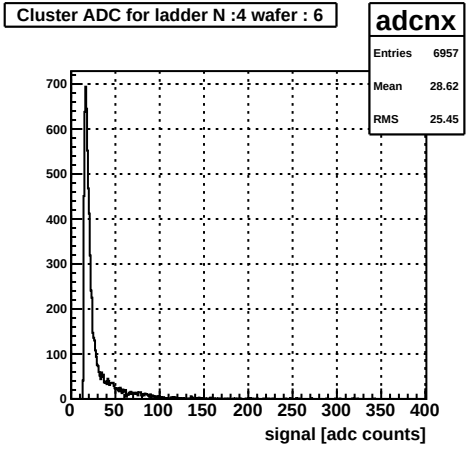

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 3274
Mean 33.89
RMS 30.13
signal [adc counts]

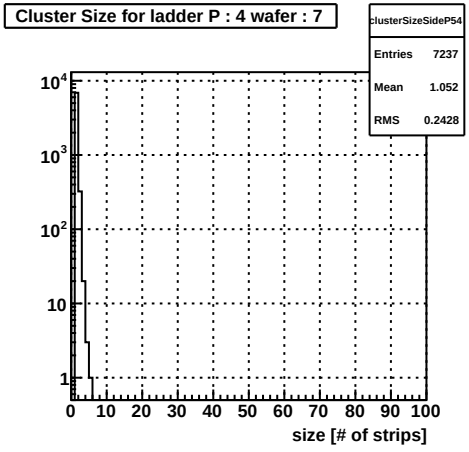

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 19162
Mean 1.037
RMS 0.2044
size [# of strips]

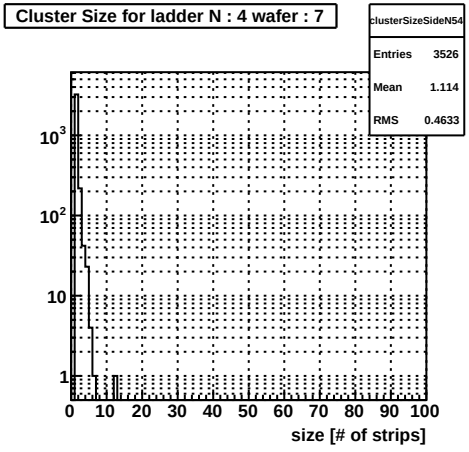

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 6957
Mean 1.327
RMS 0.8151
size [# of strips]

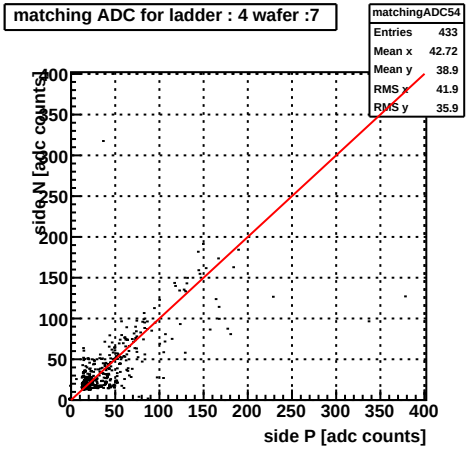

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 474
Mean x 42.15
Mean y 39.86
RMS x 46.99
RMS y 44.44
side N [adc counts]
side P [adc counts]

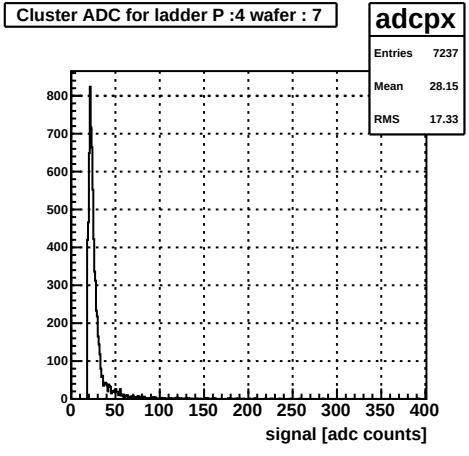

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 19162
Mean 28.31
RMS 13.87
signal [adc counts]

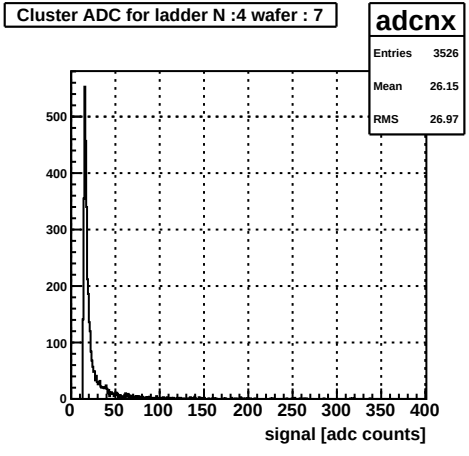

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 6957
Mean 28.62
RMS 25.45
signal [adc counts]

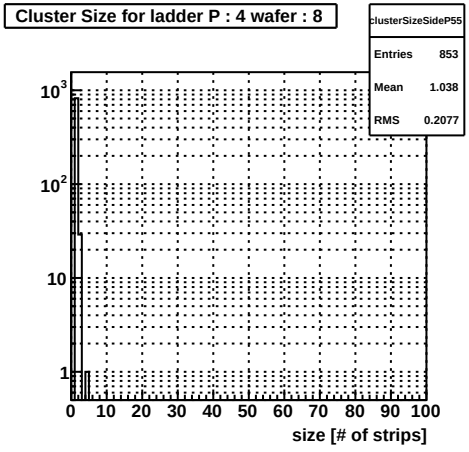

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 7237
Mean 1.052
RMS 0.2428
size [# of strips]

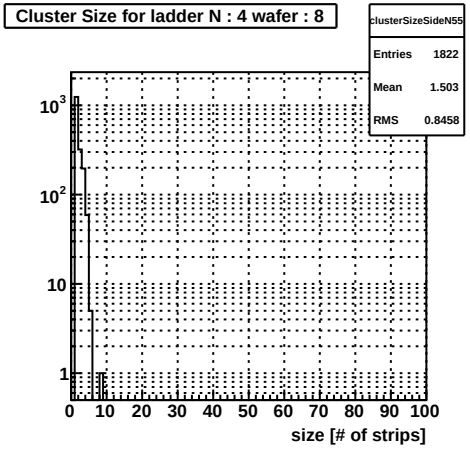

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 3526
Mean 1.114
RMS 0.4633
size [# of strips]

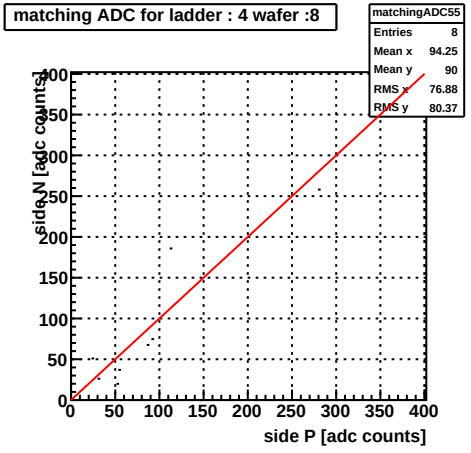

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 433
Mean x 42.72
Mean y 38.9
RMS x 41.9
RMS y 35.9
side N [adc counts]
side P [adc counts]

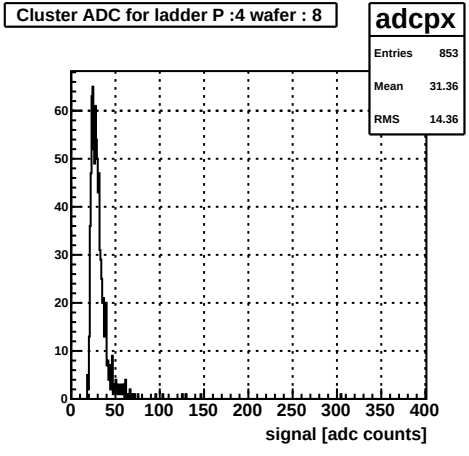

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 7237
Mean 28.15
RMS 17.33
signal [adc counts]

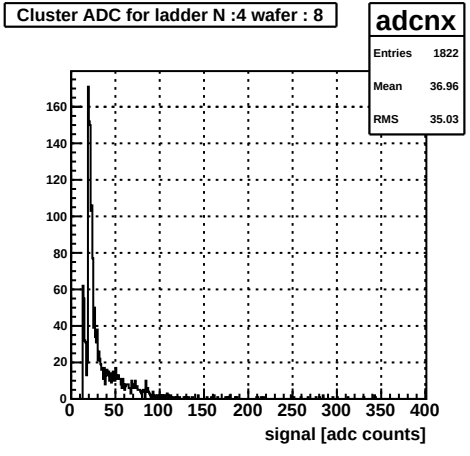

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 3526
Mean 26.15
RMS 26.97
signal [adc counts]

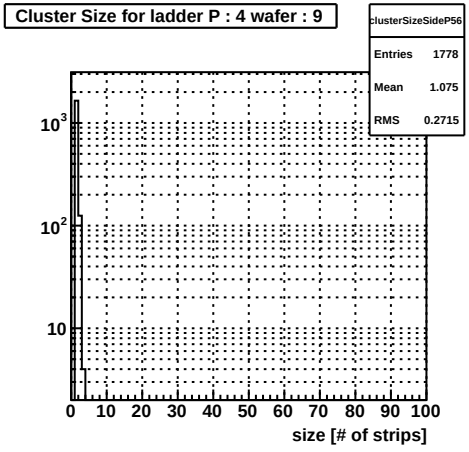

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 853
Mean 1.038
RMS 0.2077
size [# of strips]

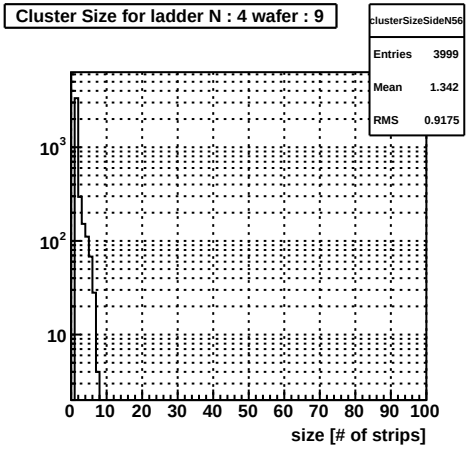

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 1822
Mean 1.503
RMS 0.8458
size [# of strips]

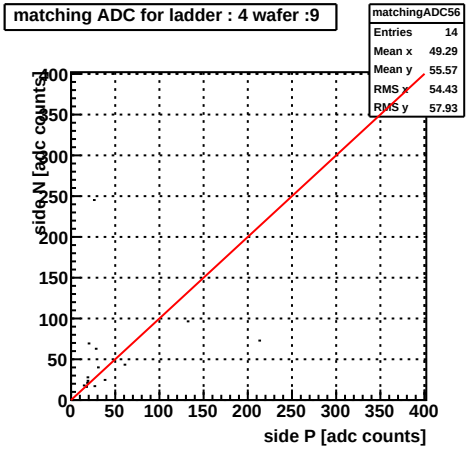

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 8
Mean x 94.25
Mean y 90
RMS x 76.88
RMS y 80.37
side N [adc counts]
side P [adc counts]

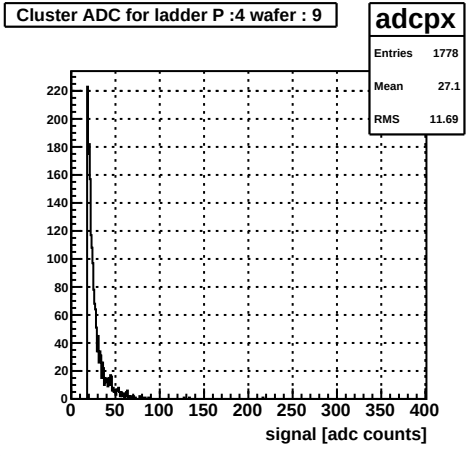

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 853
Mean 31.36
RMS 14.36
signal [adc counts]

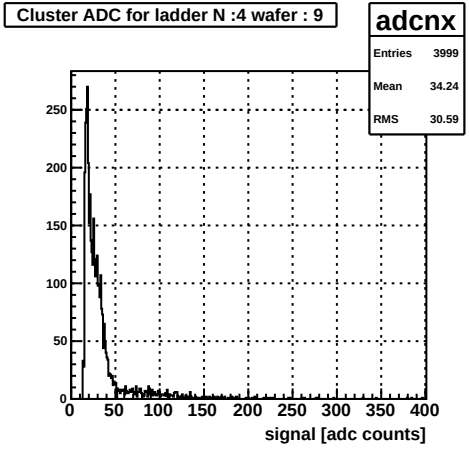

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 1822
Mean 36.96
RMS 35.03
signal [adc counts]

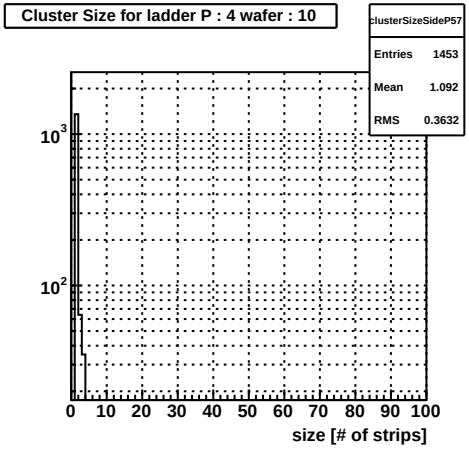

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1778
Mean 1.075
RMS 0.2715
size [# of strips]

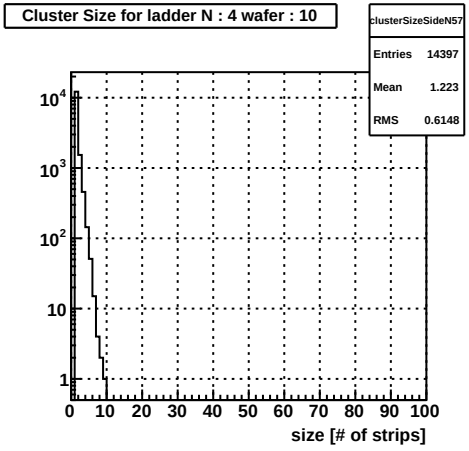

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 3999
Mean 1.342
RMS 0.9175
size [# of strips]

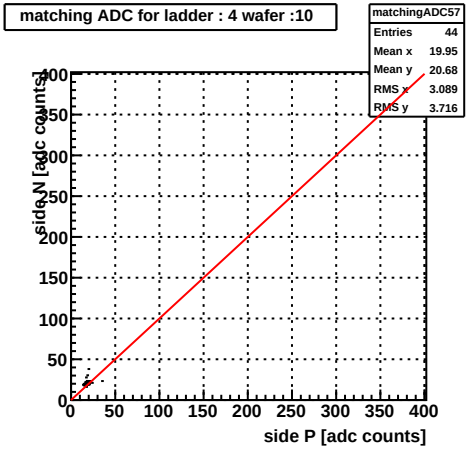

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 14
Mean x 49.29
Mean y 55.57
RMS x 54.43
RMS y 57.93
side N [adc counts]
side P [adc counts]

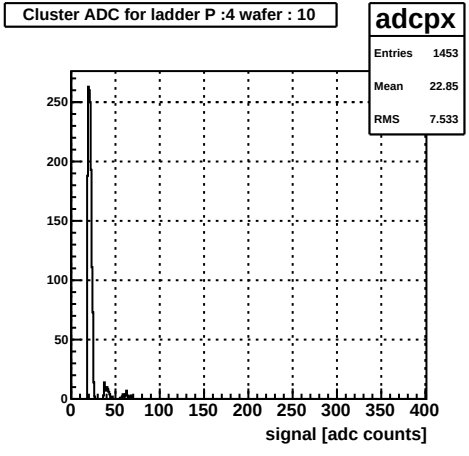

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1778
Mean 27.1
RMS 11.69
signal [adc counts]

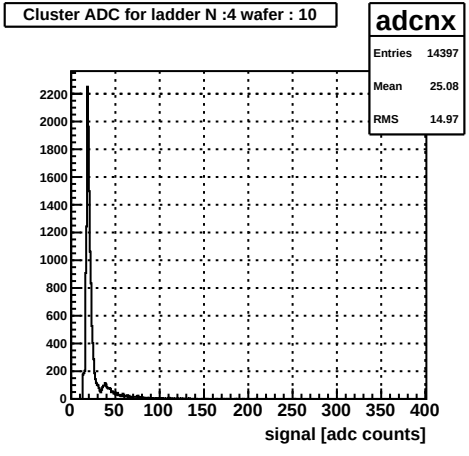

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 3999
Mean 34.24
RMS 30.59
signal [adc counts]

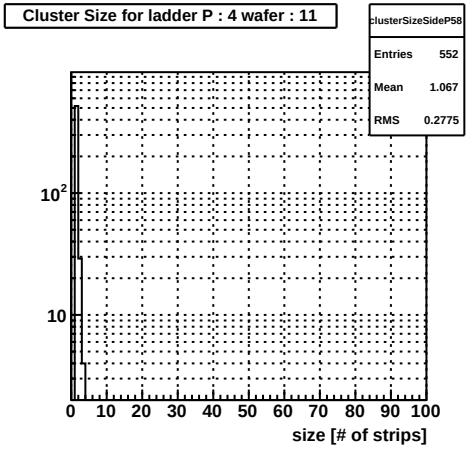

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 1453
Mean 1.092
RMS 0.3632
size [# of strips]

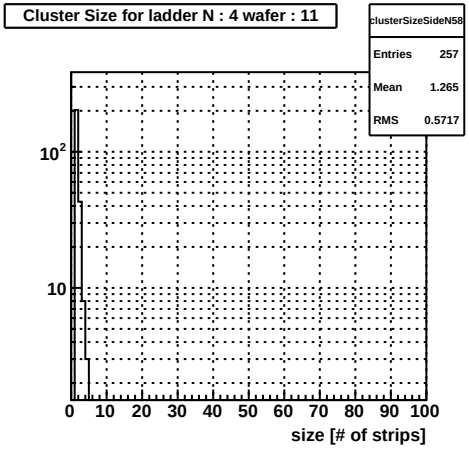

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 14397
Mean 1.223
RMS 0.6148
size [# of strips]

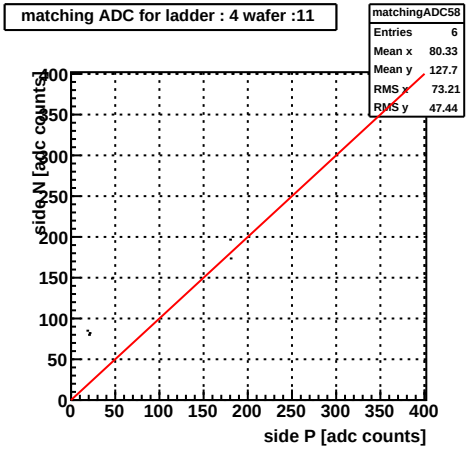

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 44
Mean x 19.95
Mean y 20.68
RMS x 3.089
RMS y 3.716
side N [adc counts]
side P [adc counts]

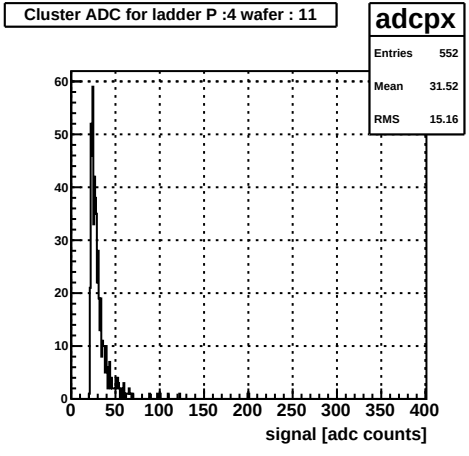

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 1453
Mean 22.85
RMS 7.533
signal [adc counts]

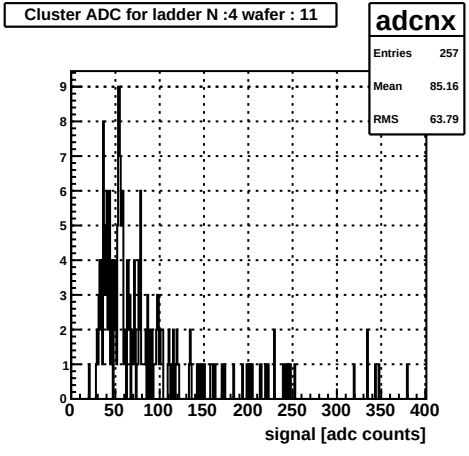

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 14397
Mean 25.08
RMS 14.97
signal [adc counts]

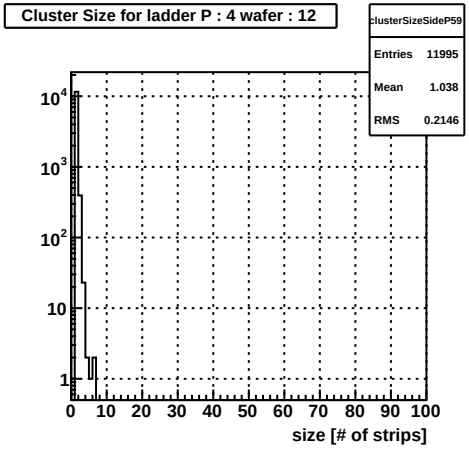

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 552
Mean 1.067
RMS 0.2775
size [# of strips]

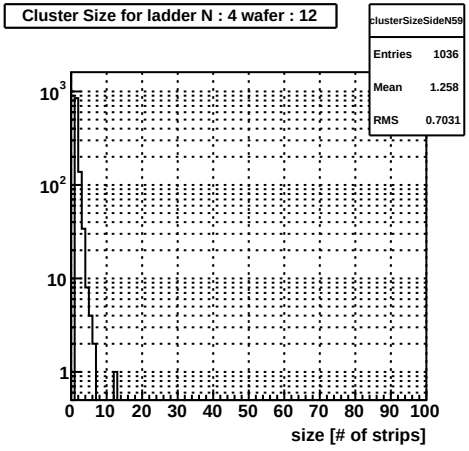

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 257
Mean 1.265
RMS 0.5717
size [# of strips]

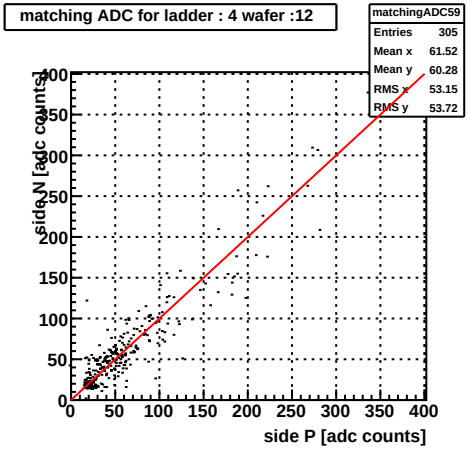

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 6
Mean x 80.33
Mean y 127.7
RMS x 73.21
RMS y 47.44
side N [adc counts]
side P [adc counts]

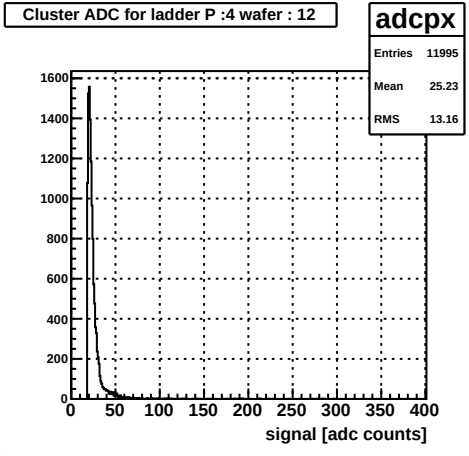

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 552
Mean 31.52
RMS 15.16
signal [adc counts]

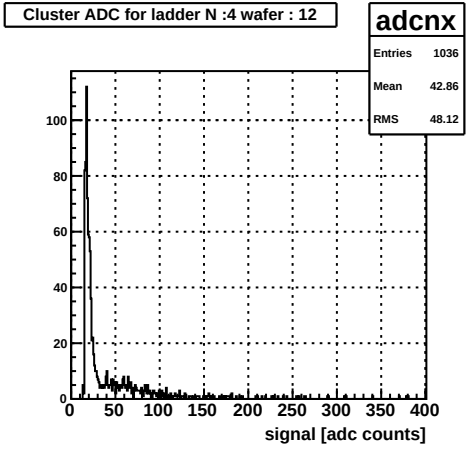

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 257
Mean 85.16
RMS 63.79
signal [adc counts]

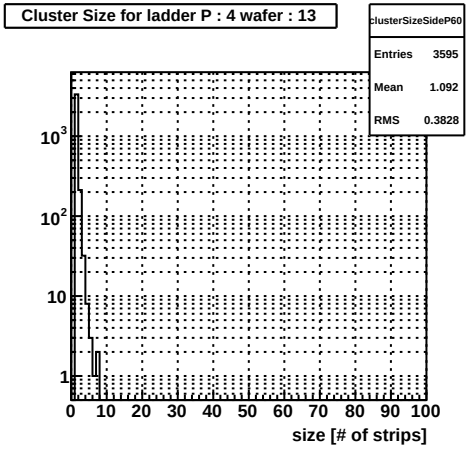

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 11995
Mean 1.038
RMS 0.2146
size [# of strips]

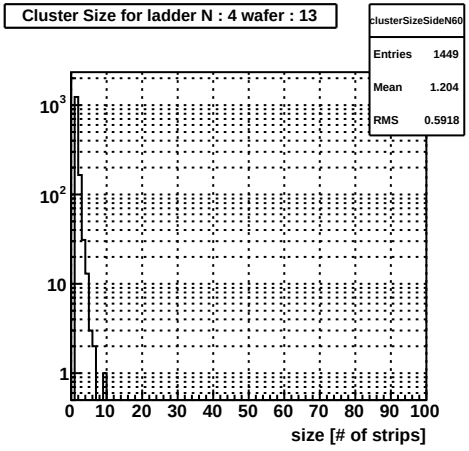

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 1036
Mean 1.258
RMS 0.7031
size [# of strips]

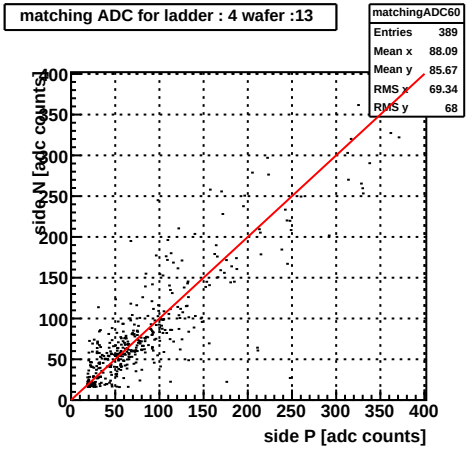

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 305
Mean x 61.52
Mean y 60.28
RMS x 53.15
RMS y 53.72
side N [adc counts]
side P [adc counts]

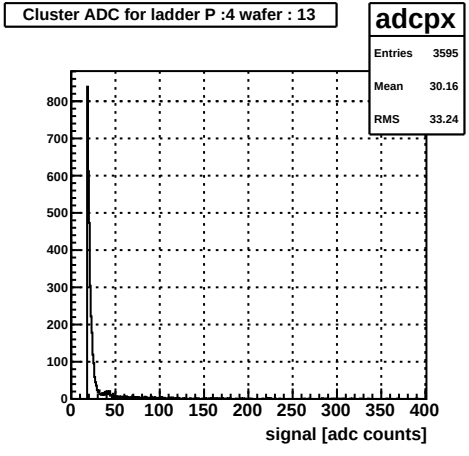

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 11995
Mean 25.23
RMS 13.16
signal [adc counts]

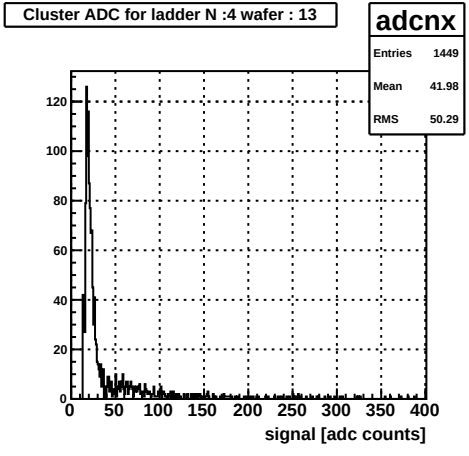

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 1036
Mean 42.86
RMS 48.12
signal [adc counts]

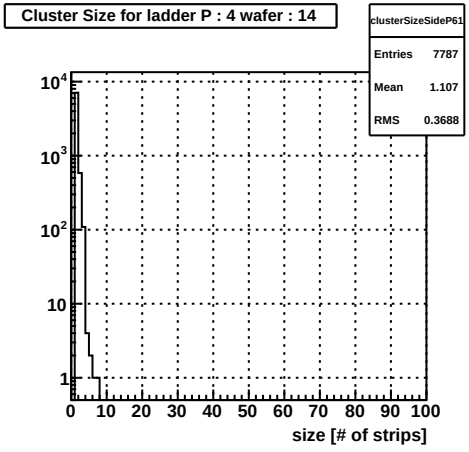

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 3595
Mean 1.092
RMS 0.3828
size [# of strips]

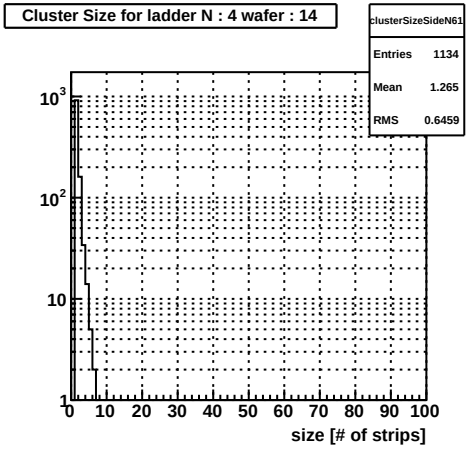

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 1449
Mean 1.204
RMS 0.5918
size [# of strips]

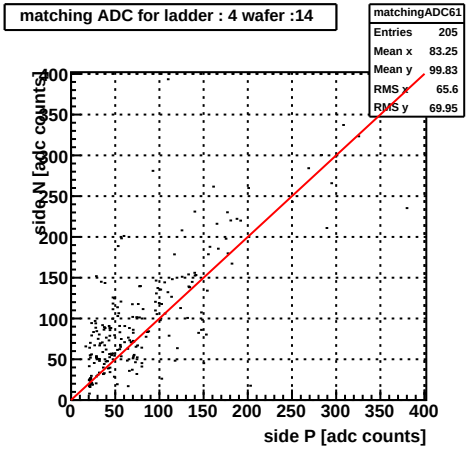

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 389
Mean x 88.09
Mean y 85.67
RMS x 69.34
RMS y 68
side N [adc counts]
side P [adc counts]

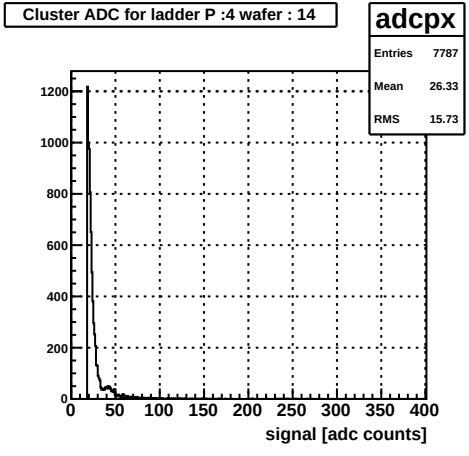

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 3595
Mean 30.16
RMS 33.24
signal [adc counts]

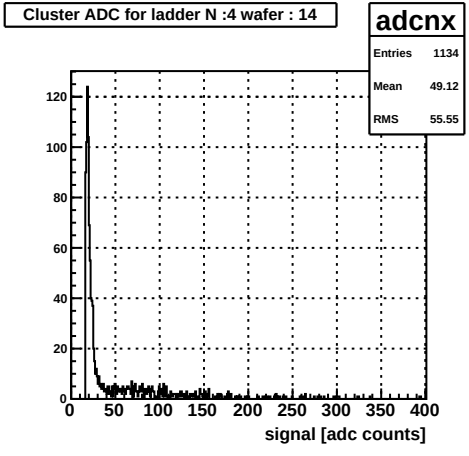

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 1449
Mean 41.98
RMS 50.29
signal [adc counts]

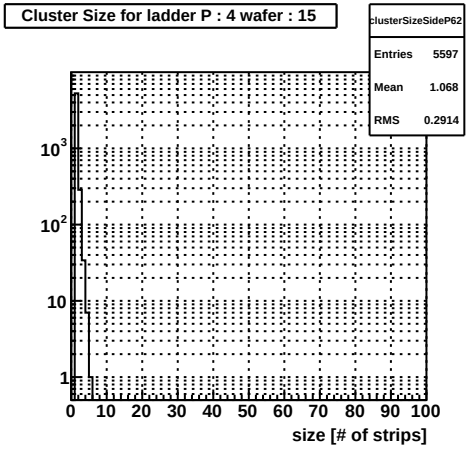

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 7787
Mean 1.107
RMS 0.3688
size [# of strips]

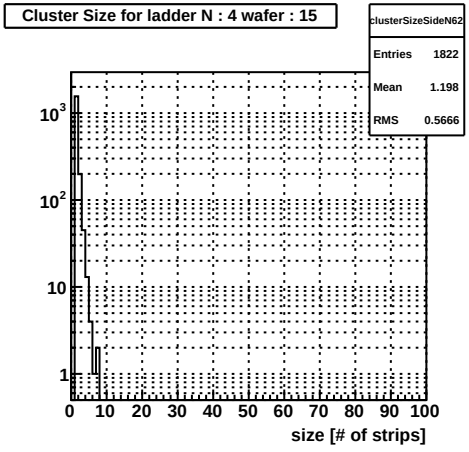

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 1134
Mean 1.265
RMS 0.6459
size [# of strips]

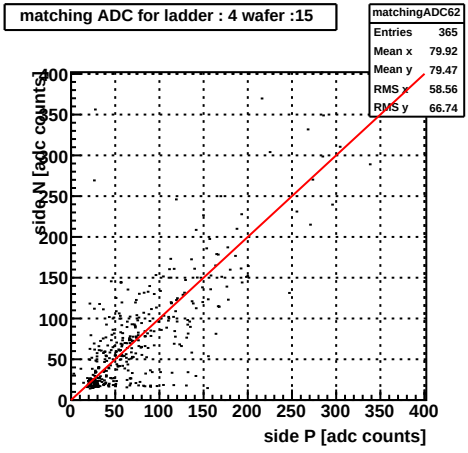

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 205
Mean x 83.25
Mean y 99.83
RMS x 65.6
RMS y 69.95
side N [adc counts]
side P [adc counts]

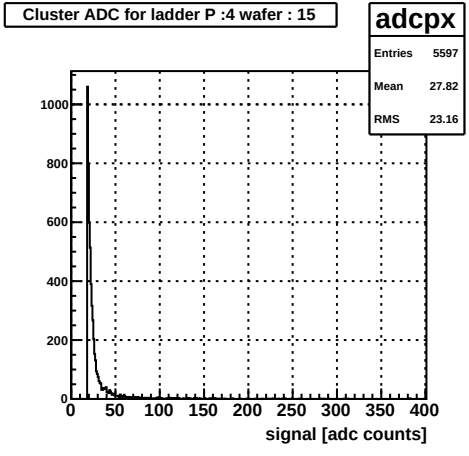

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 7787
Mean 26.33
RMS 15.73
signal [adc counts]

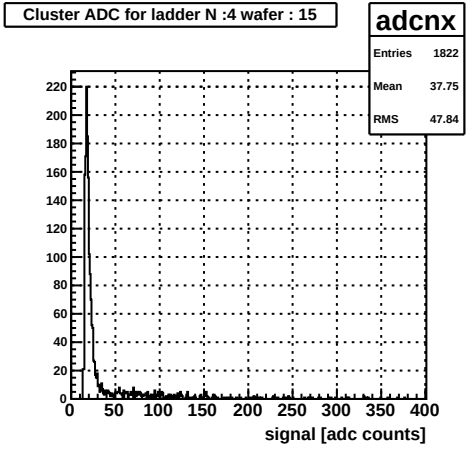

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 1134
Mean 49.12
RMS 55.55
signal [adc counts]

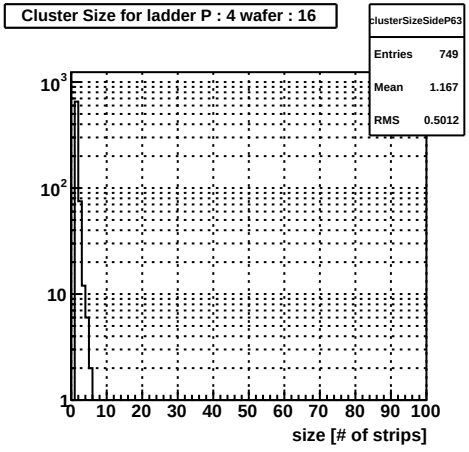

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 5597
Mean 1.068
RMS 0.2914
size [# of strips]

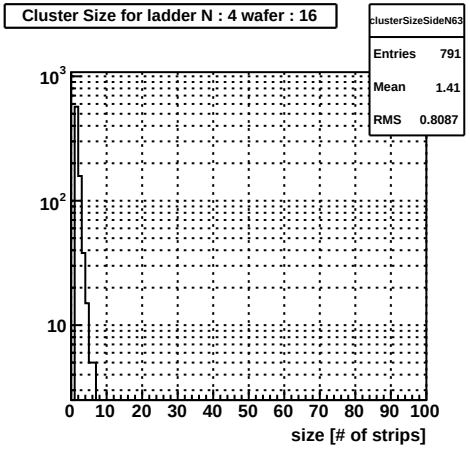

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 1822
Mean 1.198
RMS 0.5666
size [# of strips]

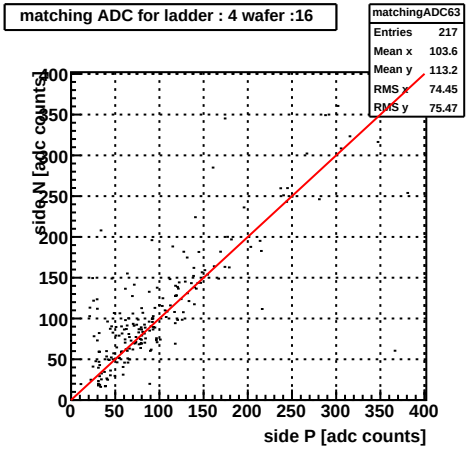

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 365
Mean x 79.92
Mean y 79.47
RMS x 58.56
RMS y 66.74
side N [adc counts]
side P [adc counts]

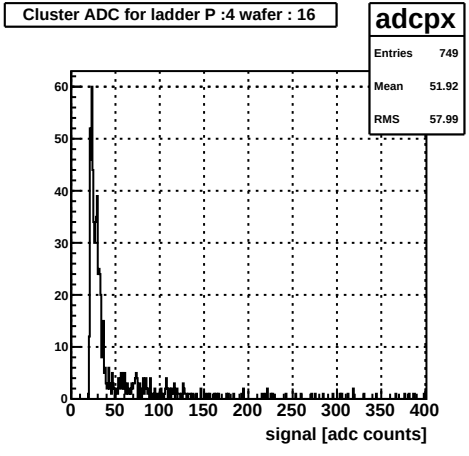

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 5597
Mean 27.82
RMS 23.16
signal [adc counts]

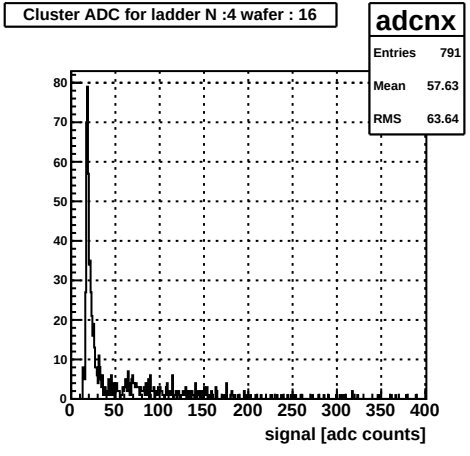

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 1822
Mean 37.75
RMS 47.84
signal [adc counts]

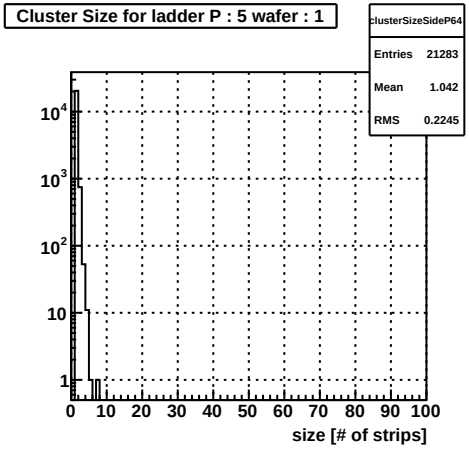

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 749
Mean 1.167
RMS 0.5012
size [# of strips]

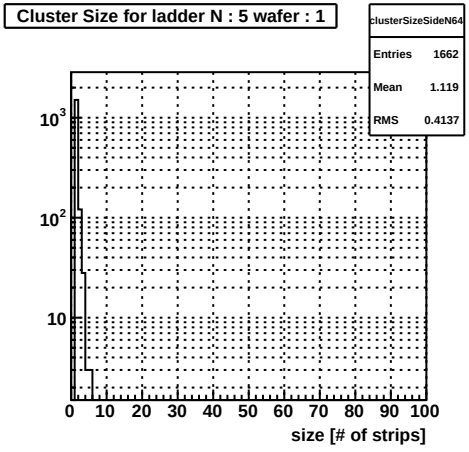

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 791
Mean 1.41
RMS 0.8087
size [# of strips]

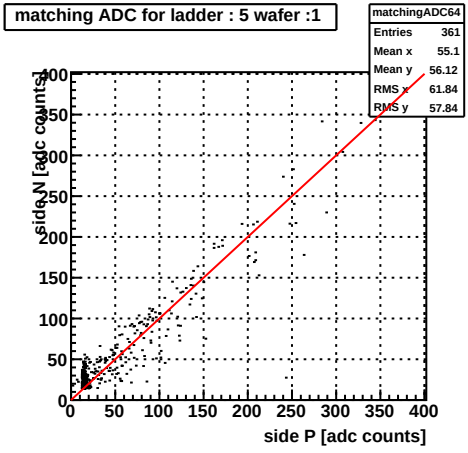

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 217
Mean x 103.6
Mean y 113.2
RMS x 74.45
RMS y 75.47
side N [adc counts]
side P [adc counts]

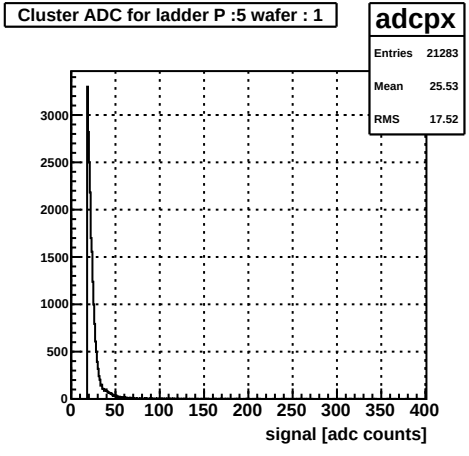

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 749
Mean 51.92
RMS 57.99
signal [adc counts]

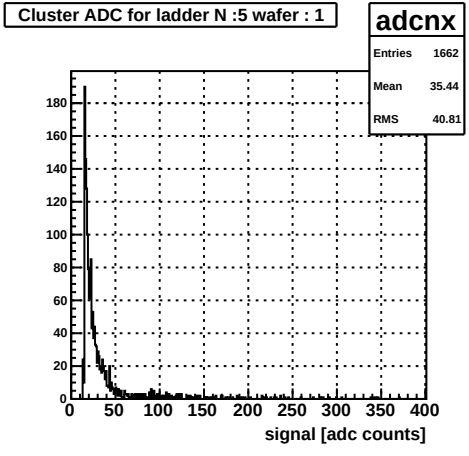

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 791
Mean 57.63
RMS 63.64
signal [adc counts]

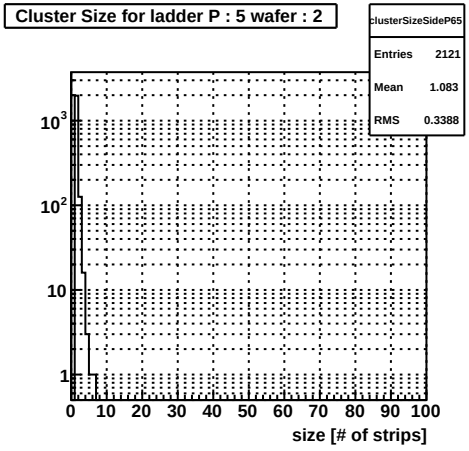

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 21283
Mean 1.042
RMS 0.2245
size [# of strips]

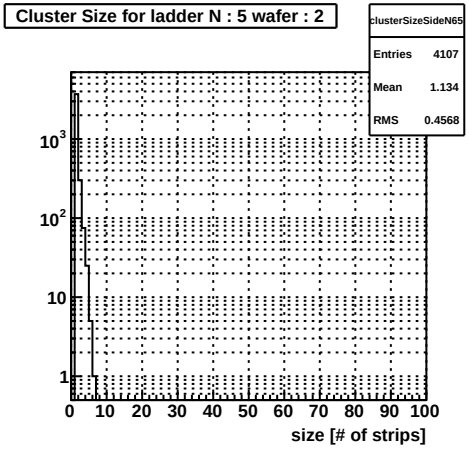

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 1662
Mean 1.119
RMS 0.4137
size [# of strips]

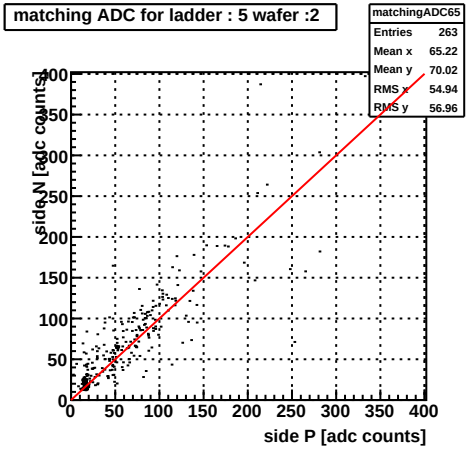

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 361
Mean x 55.1
Mean y 56.12
RMS x 61.84
RMS y 57.84
side N [adc counts]
side P [adc counts]

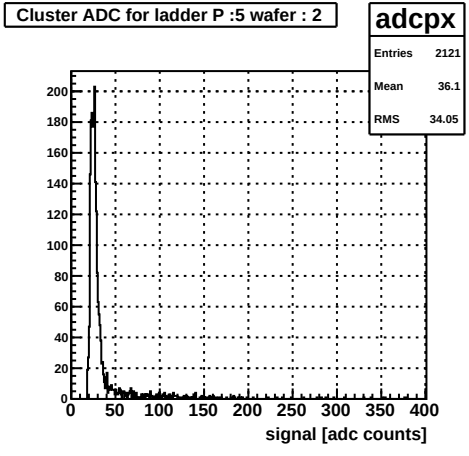

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 21283
Mean 25.53
RMS 17.52
signal [adc counts]

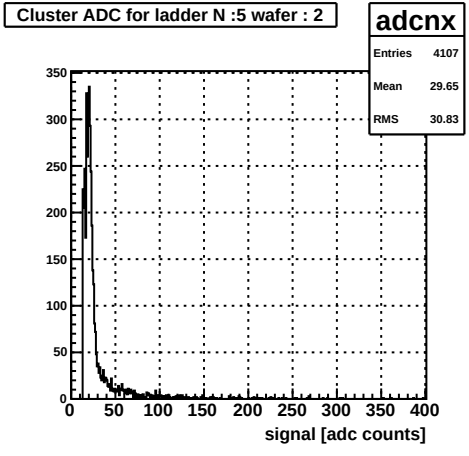

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 1662
Mean 35.44
RMS 40.81
signal [adc counts]

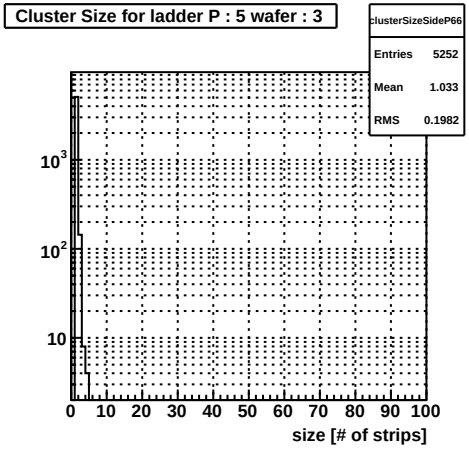

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 2121
Mean 1.083
RMS 0.3388
size [# of strips]

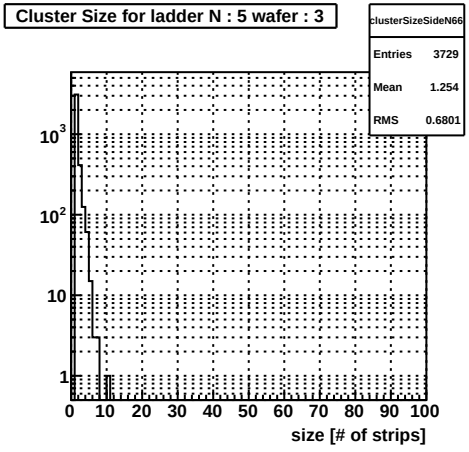

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 4107
Mean 1.134
RMS 0.4568
size [# of strips]

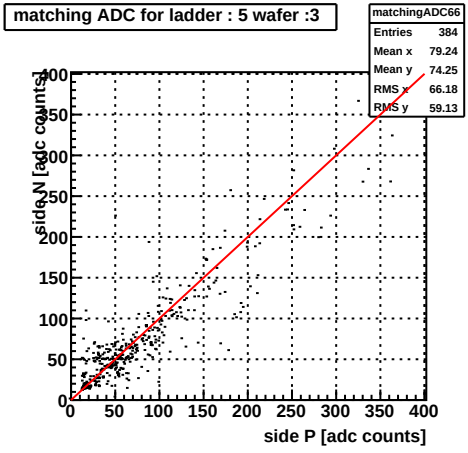

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 263
Mean x 65.22
Mean y 70.02
RMS x 54.94
RMS y 56.96
side N [adc counts]
side P [adc counts]

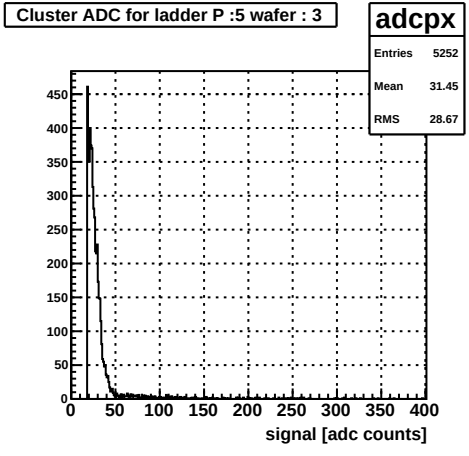

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 2121
Mean 36.1
RMS 34.05
signal [adc counts]

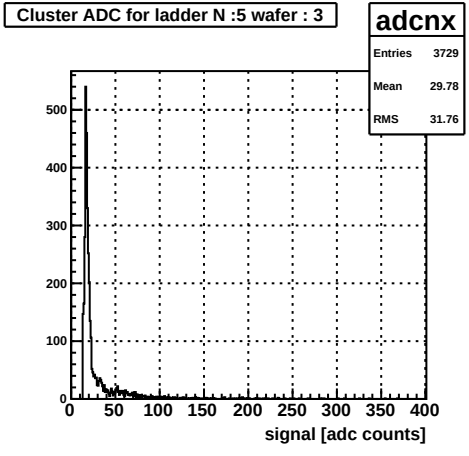

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 4107
Mean 29.65
RMS 30.83
signal [adc counts]

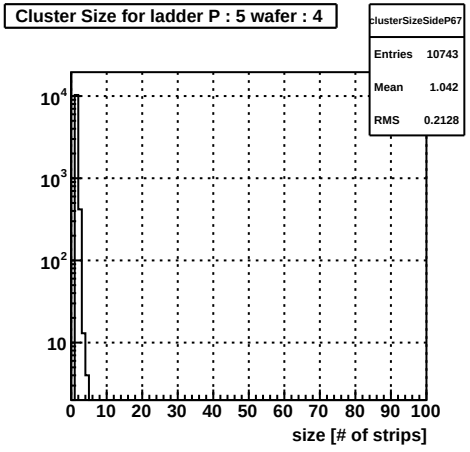

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 5252
Mean 1.033
RMS 0.1982
size [# of strips]

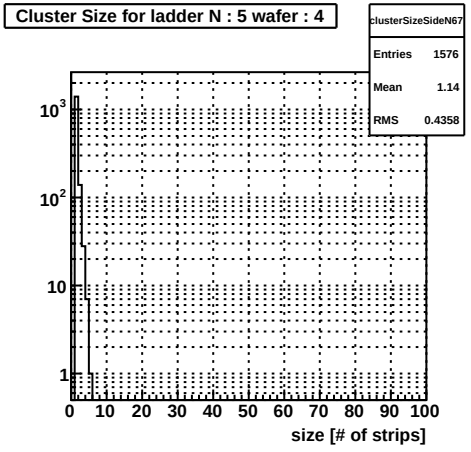

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 3729
Mean 1.254
RMS 0.6801
size [# of strips]

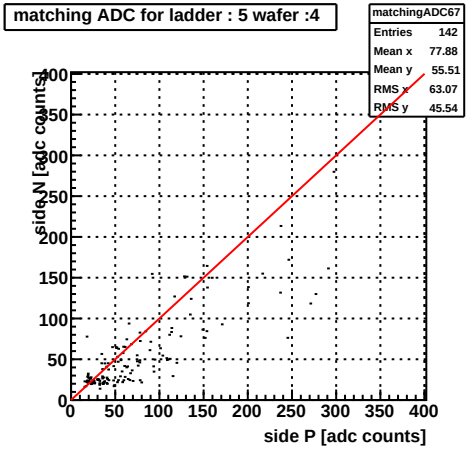

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 384
Mean x 79.24
Mean y 74.25
RMS x 66.18
RMS y 59.13
side N [adc counts]
side P [adc counts]

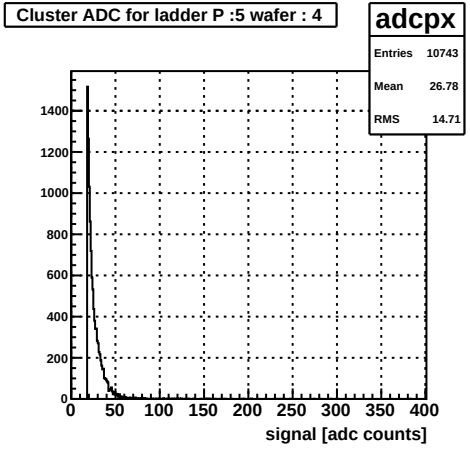

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 5252
Mean 31.45
RMS 28.67
signal [adc counts]

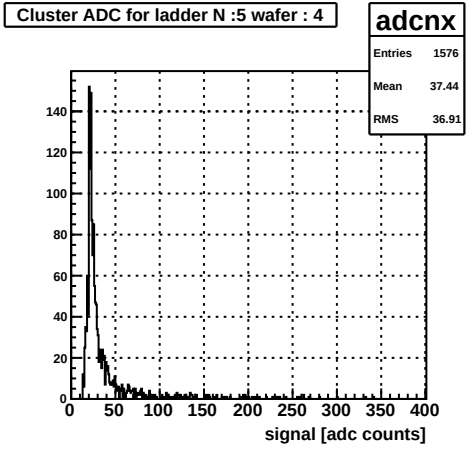

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 3729
Mean 29.78
RMS 31.76
signal [adc counts]

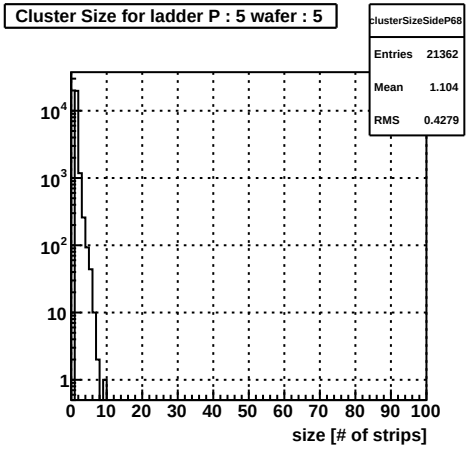

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 10743
Mean 1.042
RMS 0.2128
size [# of strips]

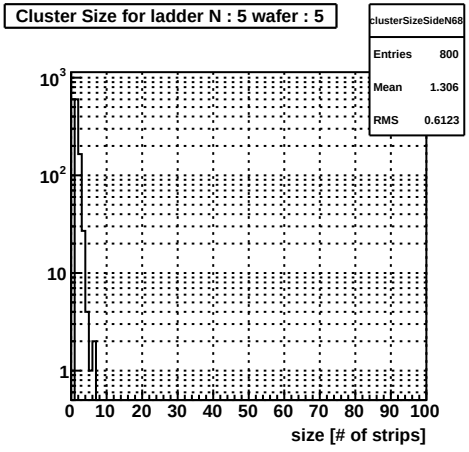

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 1576
Mean 1.14
RMS 0.4358
size [# of strips]

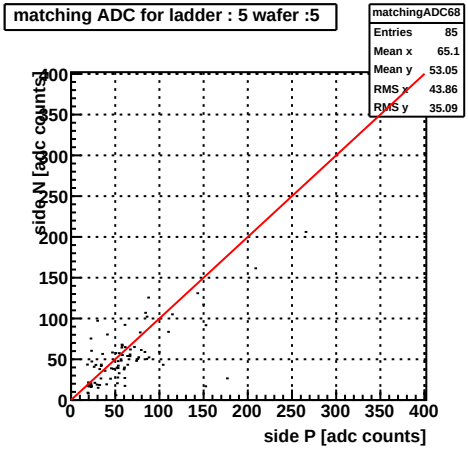

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 142
Mean x 77.88
Mean y 55.51
RMS x 63.07
RMS y 45.54
side N [adc counts]
side P [adc counts]

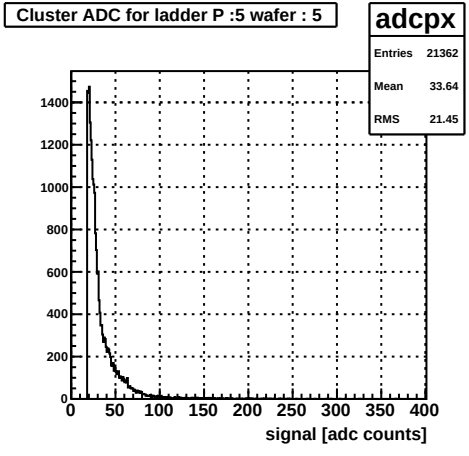

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 10743
Mean 26.78
RMS 14.71
signal [adc counts]

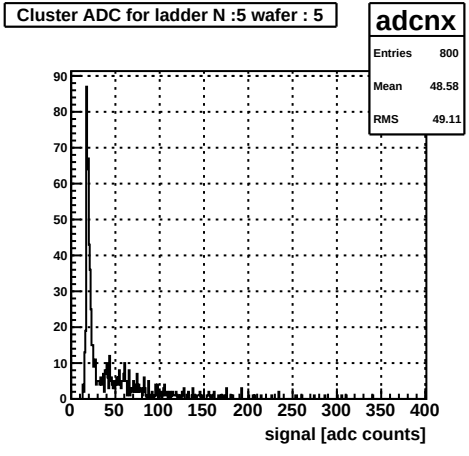

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 1576
Mean 37.44
RMS 36.91
signal [adc counts]

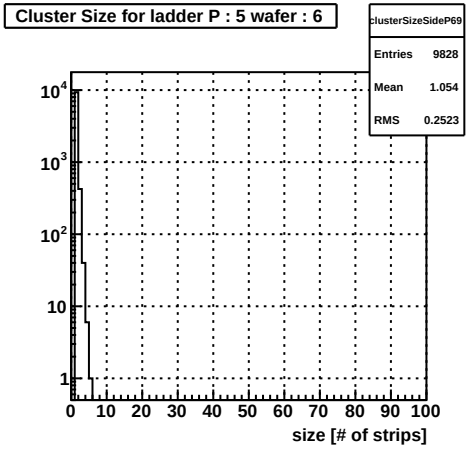

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 21362
Mean 1.104
RMS 0.4279
size [# of strips]

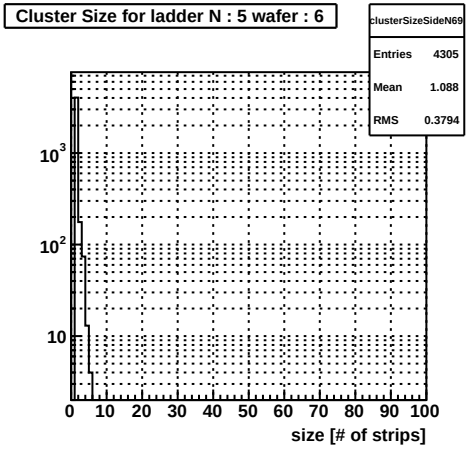

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 800
Mean 1.306
RMS 0.6123
size [# of strips]

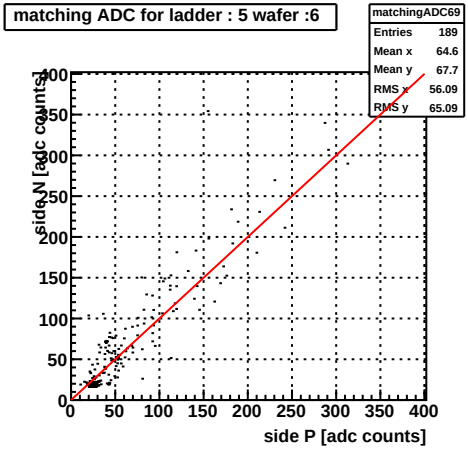

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 85
Mean x 65.1
Mean y 53.05
RMS x 43.86
RMS y 35.09
side N [adc counts]
side P [adc counts]

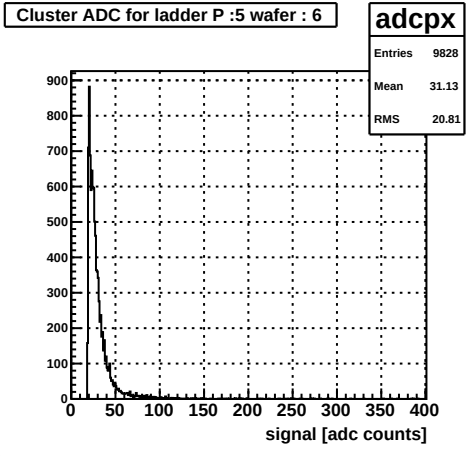

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 21362
Mean 33.64
RMS 21.45
signal [adc counts]

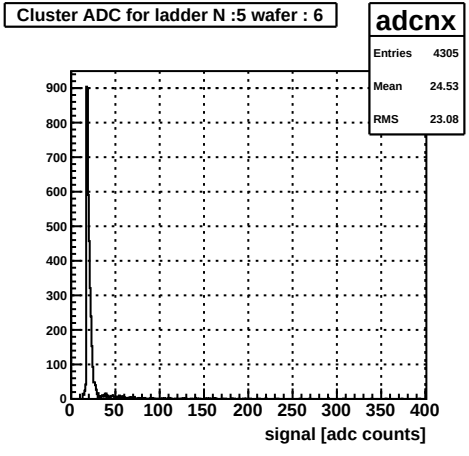

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 800
Mean 48.58
RMS 49.11
signal [adc counts]

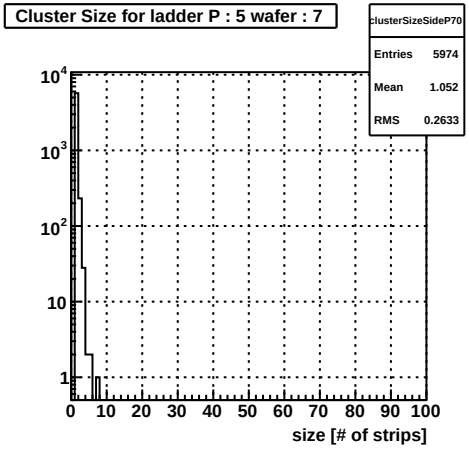

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 9828
Mean 1.054
RMS 0.2523
size [# of strips]

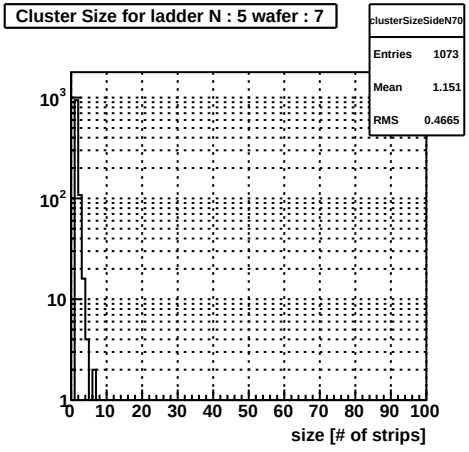

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 4305
Mean 1.088
RMS 0.3794
size [# of strips]

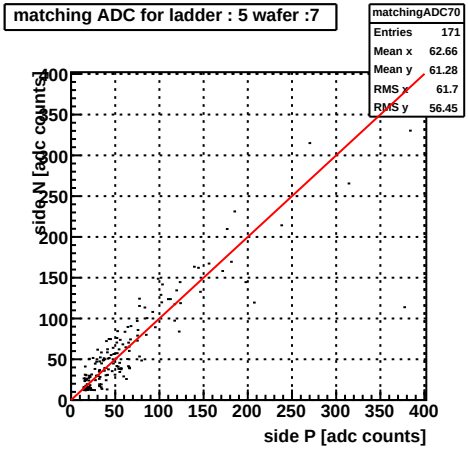

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 189
Mean x 64.6
Mean y 67.7
RMS x 56.09
RMS y 65.09
side N [adc counts]
side P [adc counts]

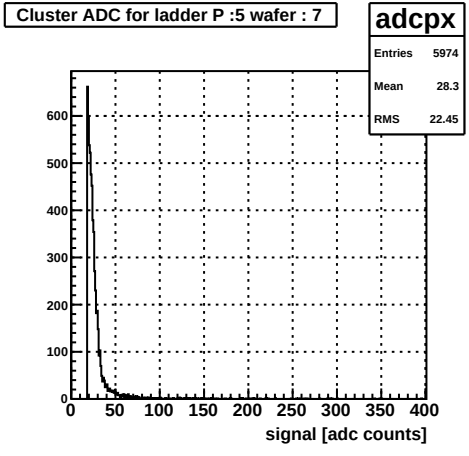

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 9828
Mean 31.13
RMS 20.81
signal [adc counts]

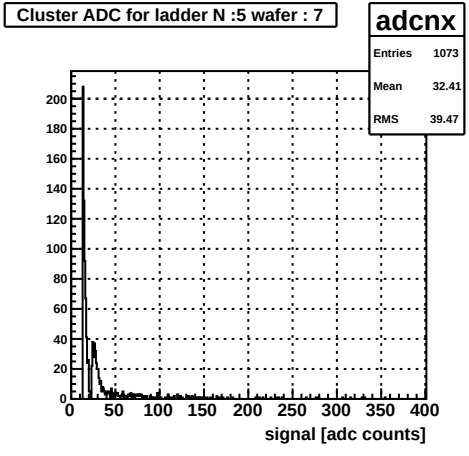

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 4305
Mean 24.53
RMS 23.08
signal [adc counts]

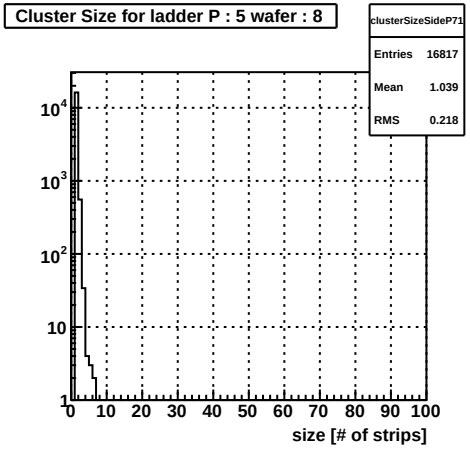

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 5974
Mean 1.052
RMS 0.2633
size [# of strips]

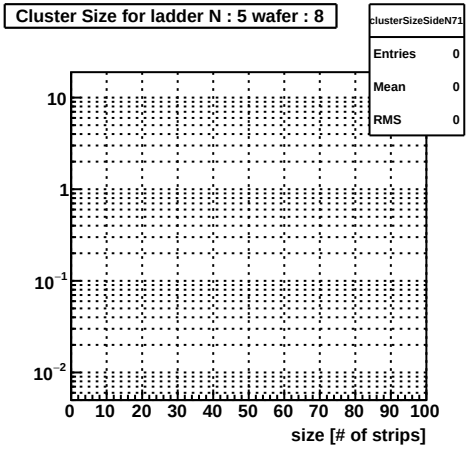

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1073
Mean 1.151
RMS 0.4665
size [# of strips]

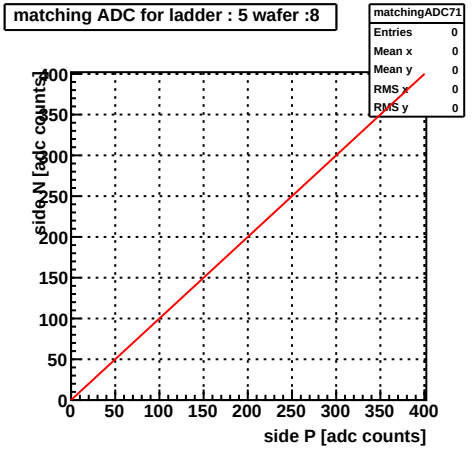

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 171
Mean x 62.66
Mean y 61.28
RMS x 61.7
RMS y 56.45
side N [adc counts]
side P [adc counts]

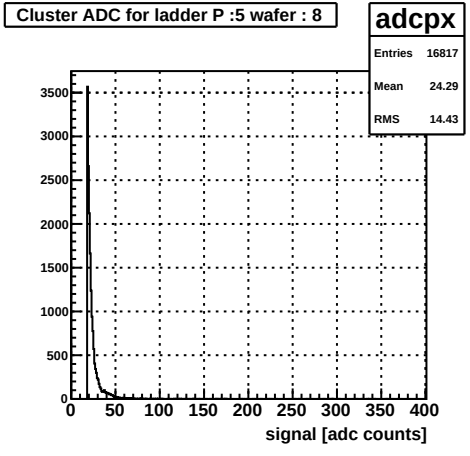

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 5974
Mean 28.3
RMS 22.45
signal [adc counts]

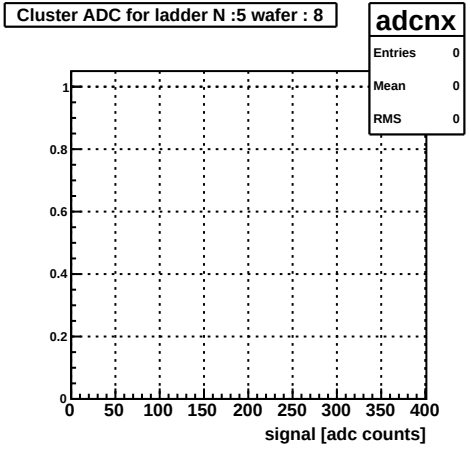

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1073
Mean 32.41
RMS 39.47
signal [adc counts]

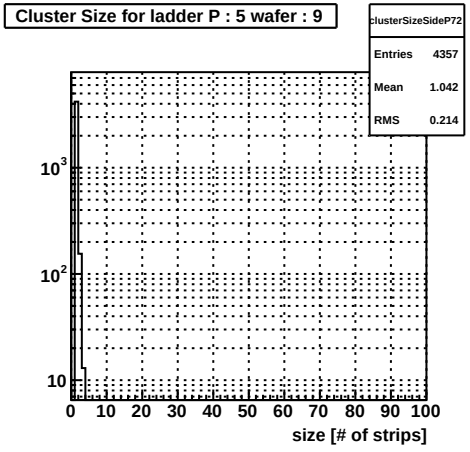

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 16817
Mean 1.039
RMS 0.218
size [# of strips]

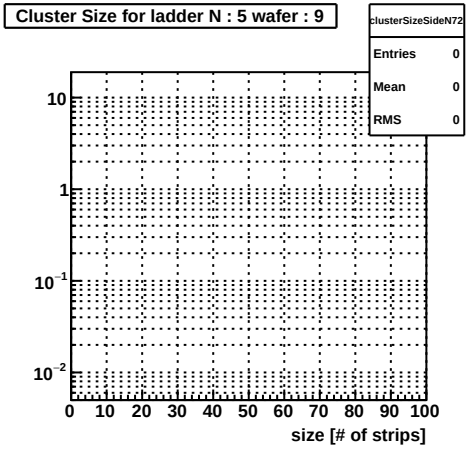

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

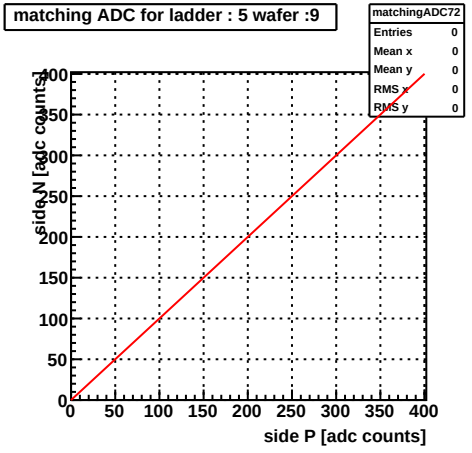

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

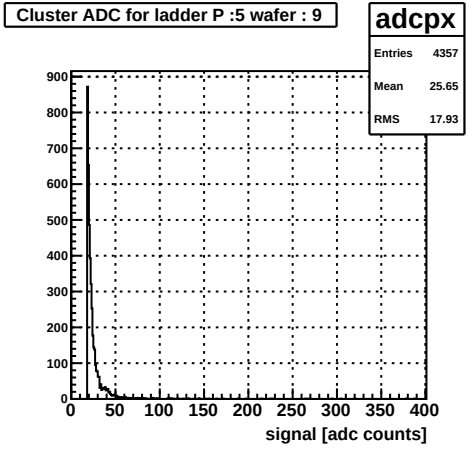

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 16817
Mean 24.29
RMS 14.43
signal [adc counts]

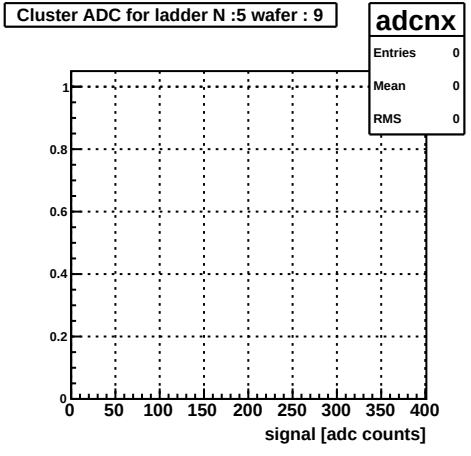

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

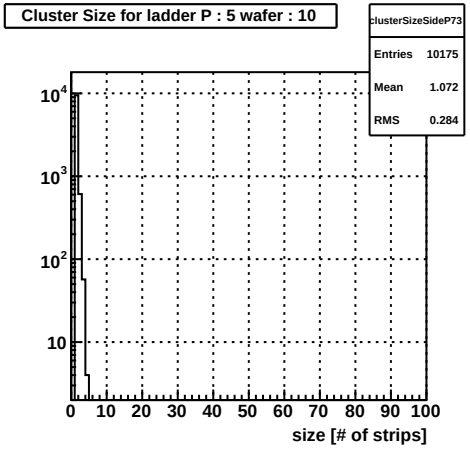

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 4357
Mean 1.042
RMS 0.214
size [# of strips]

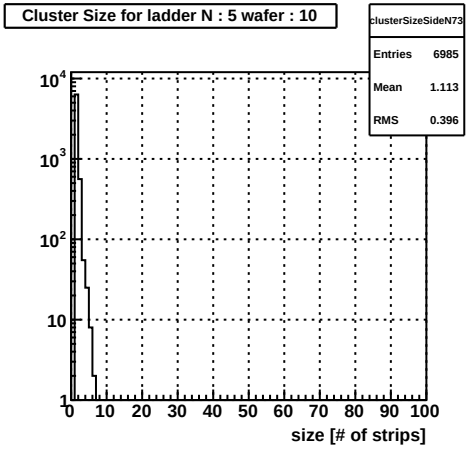

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

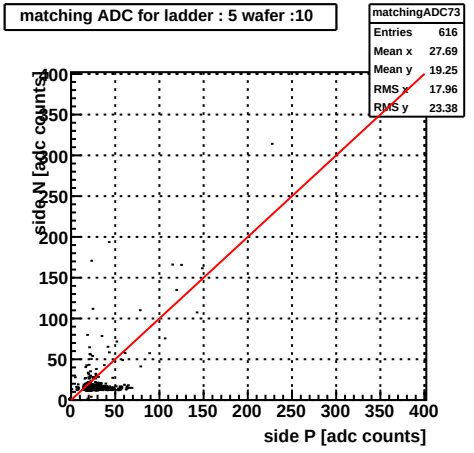

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

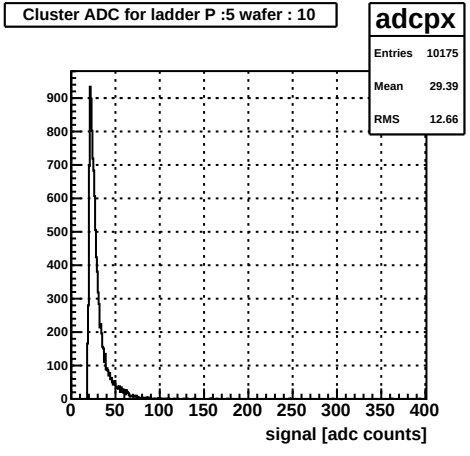

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 4357
Mean 25.65
RMS 17.93
signal [adc counts]

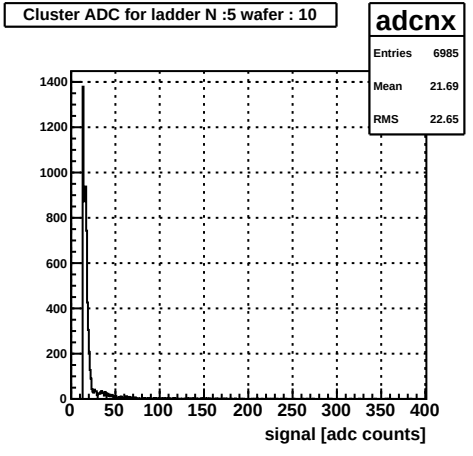

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

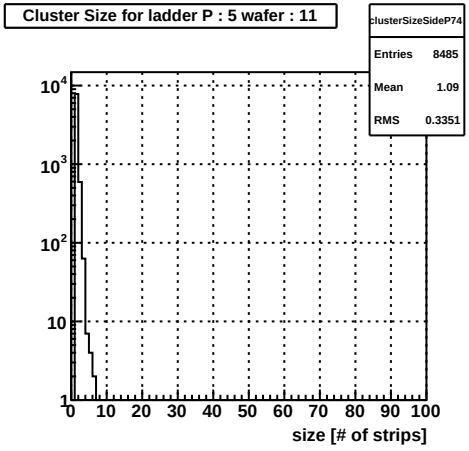

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 10175
Mean 1.072
RMS 0.284
size [# of strips]

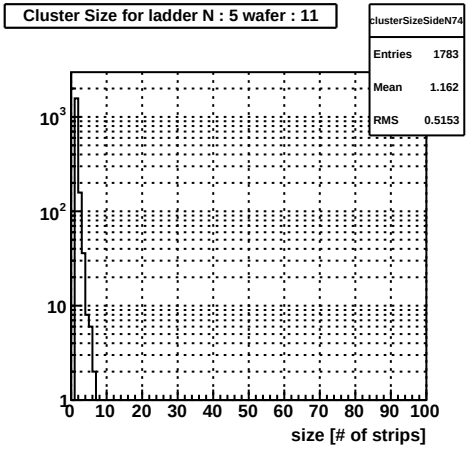

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 6985
Mean 1.113
RMS 0.396
size [# of strips]

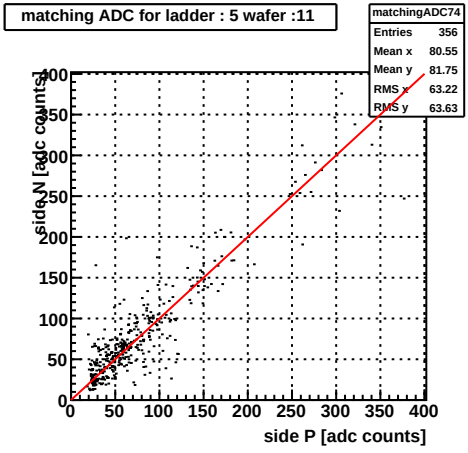

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 616
Mean x 27.69
Mean y 19.25
RMS x 17.96
RMS y 23.38
side N [adc counts]
side P [adc counts]

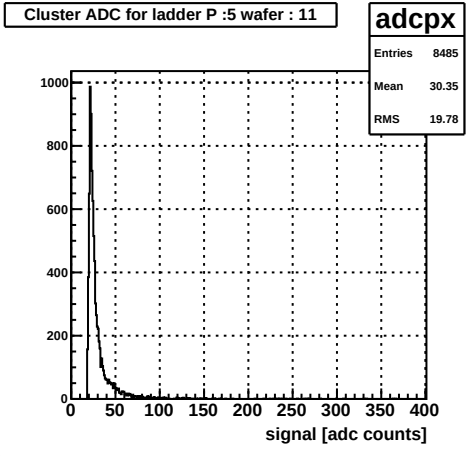

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 10175
Mean 29.39
RMS 12.66
signal [adc counts]

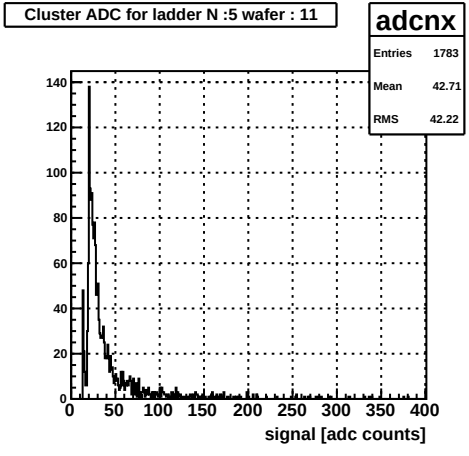

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 6985
Mean 21.69
RMS 22.65
signal [adc counts]

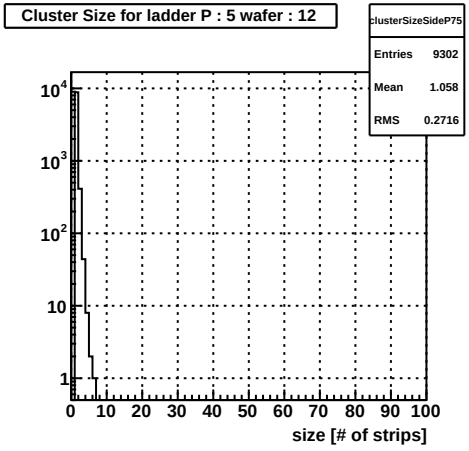

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 8485
Mean 1.09
RMS 0.3351
size [# of strips]

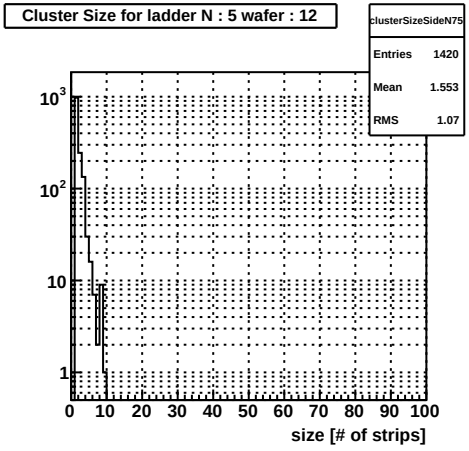

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 1783
Mean 1.162
RMS 0.5153
size [# of strips]

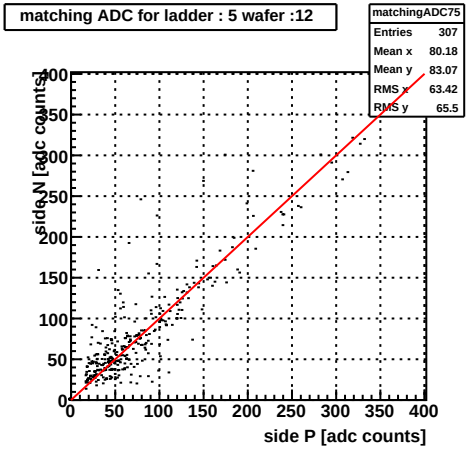

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 356
Mean x 80.55
Mean y 81.75
RMS x 63.22
RMS y 63.63
side N [adc counts]
side P [adc counts]

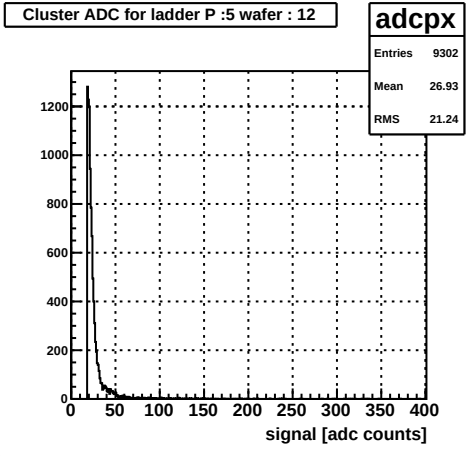

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 8485
Mean 30.35
RMS 19.78
signal [adc counts]

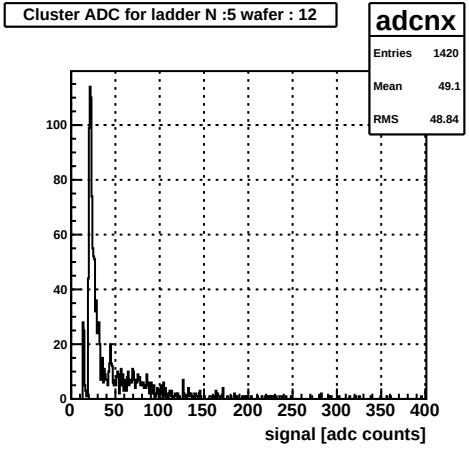

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 1783
Mean 42.71
RMS 42.22
signal [adc counts]

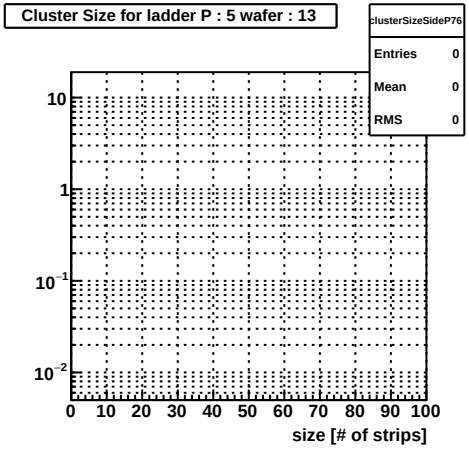

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 9302
Mean 1.058
RMS 0.2716
size [# of strips]

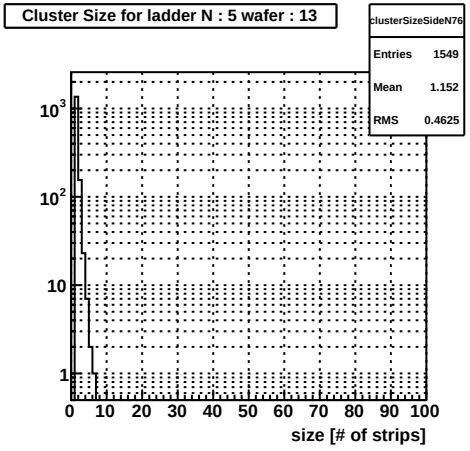

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 1420
Mean 1.553
RMS 1.07
size [# of strips]

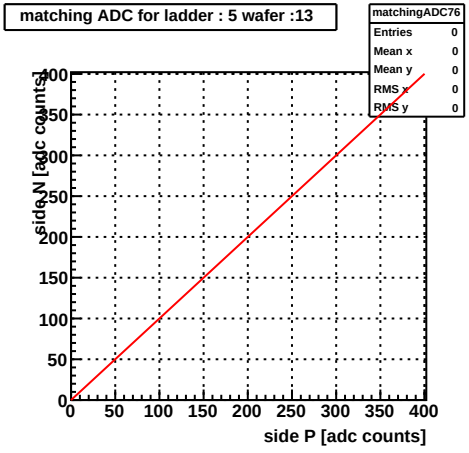

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 307
Mean x 80.18
Mean y 83.07
RMS x 63.42
RMS y 65.5
side N [adc counts]
side P [adc counts]

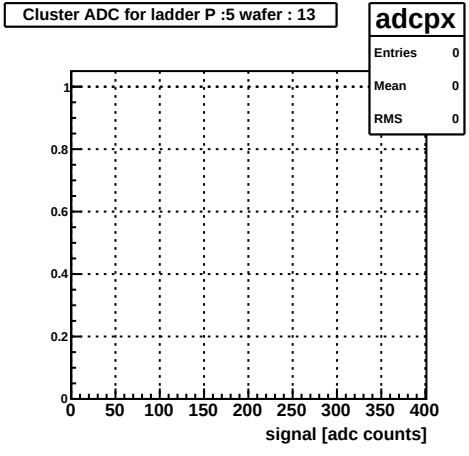

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 9302
Mean 26.93
RMS 21.24
signal [adc counts]

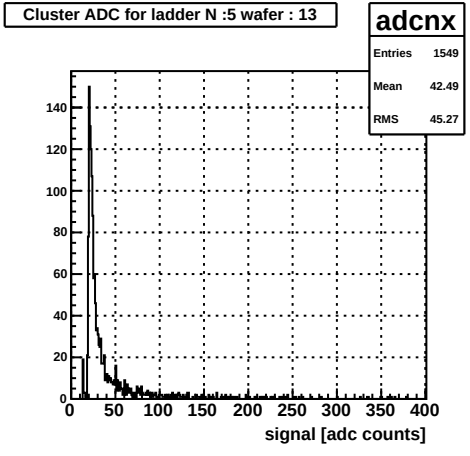

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 1420
Mean 49.1
RMS 48.84
signal [adc counts]

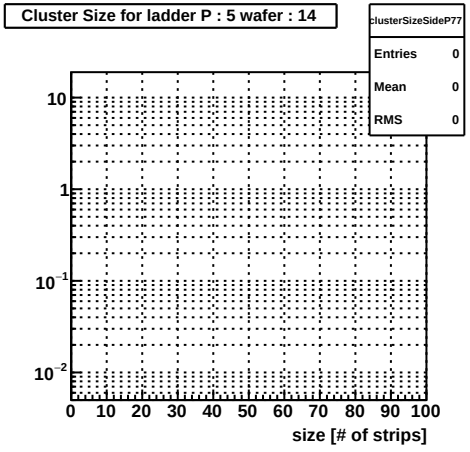

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 0
Mean 0
RMS 0
size [# of strips]

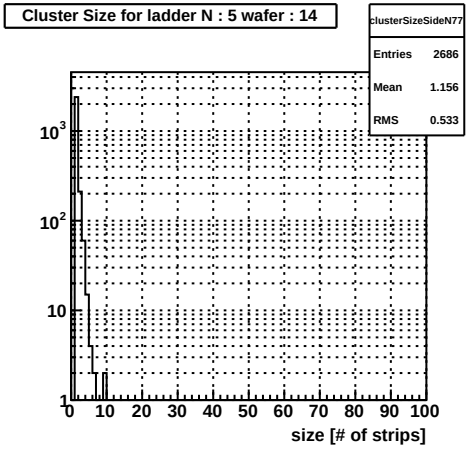

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 1549
Mean 1.152
RMS 0.4625
size [# of strips]

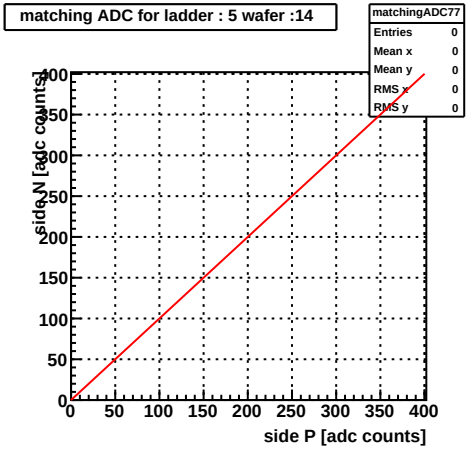

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

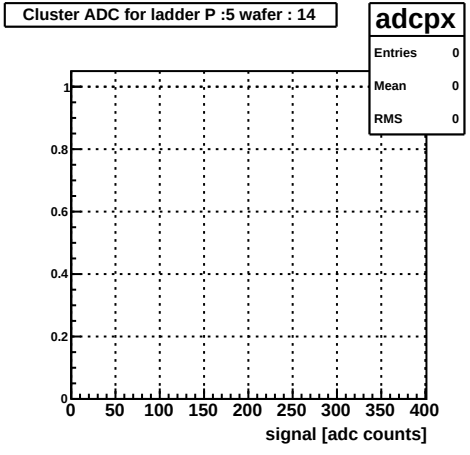

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

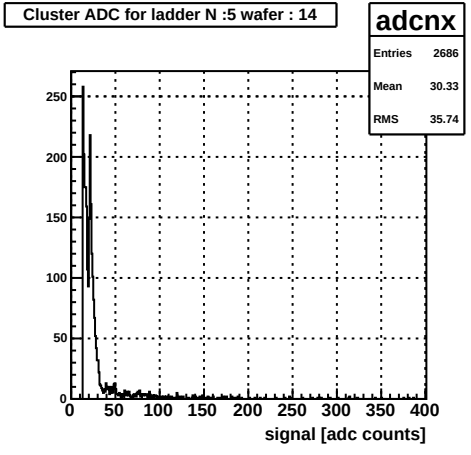

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 1549
Mean 42.49
RMS 45.27
signal [adc counts]

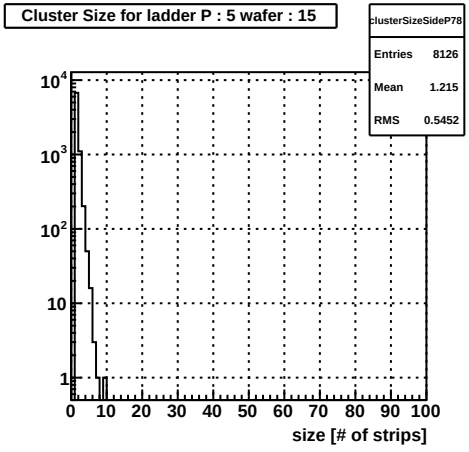

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

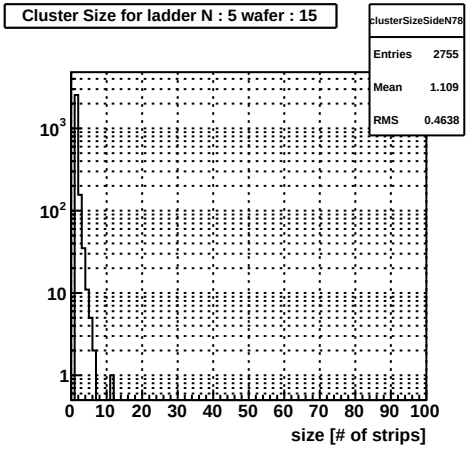

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 2686
Mean 1.156
RMS 0.533
size [# of strips]

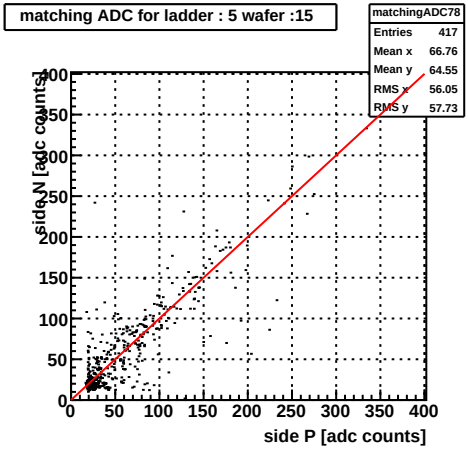

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

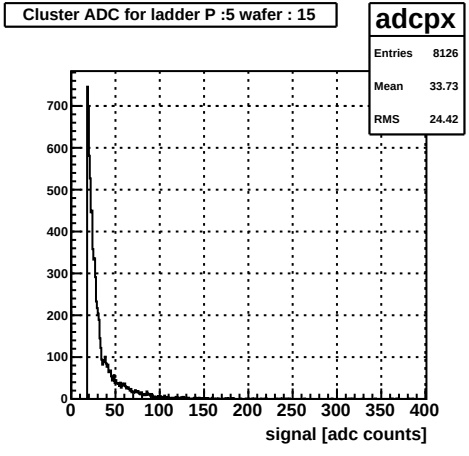

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

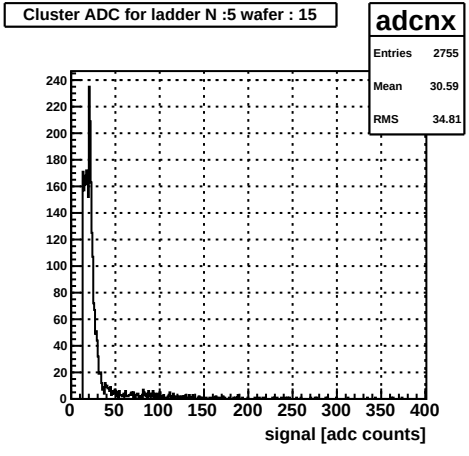

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 2686
Mean 30.33
RMS 35.74
signal [adc counts]

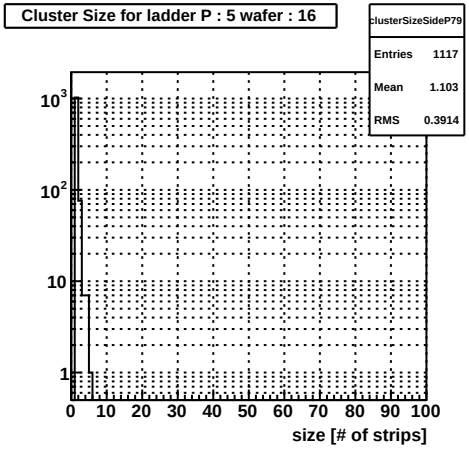

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 8126
Mean 1.215
RMS 0.5452
size [# of strips]

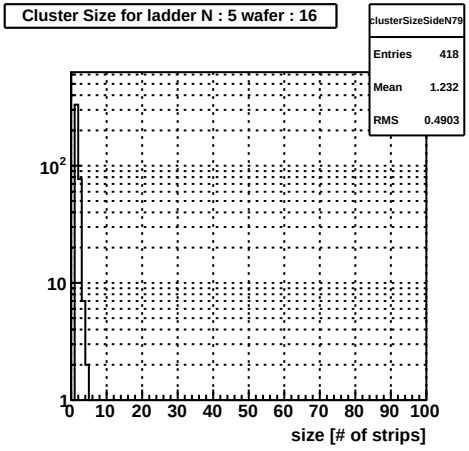

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 2755
Mean 1.109
RMS 0.4638
size [# of strips]

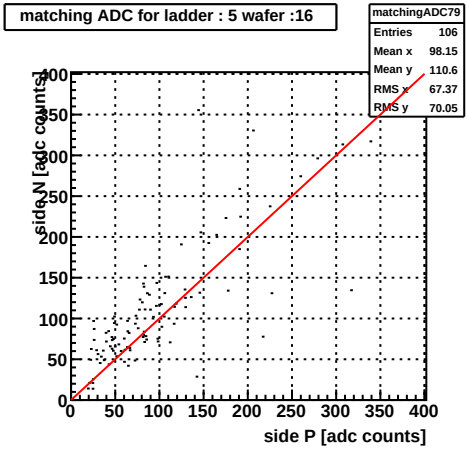

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 417
Mean x 66.76
Mean y 64.55
RMS x 56.05
RMS y 57.73
side N [adc counts]
side P [adc counts]

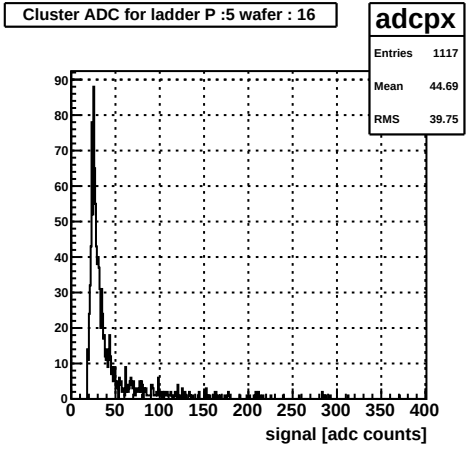

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 8126
Mean 33.73
RMS 24.42
signal [adc counts]

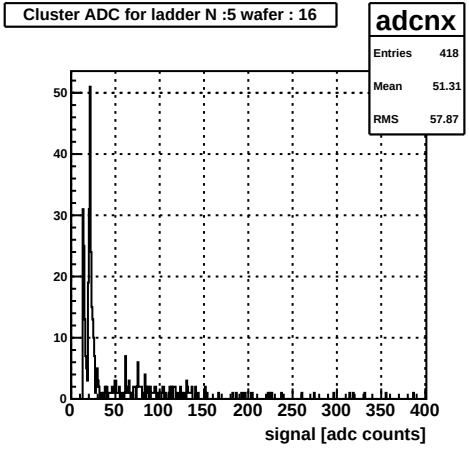

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 2755
Mean 30.59
RMS 34.81
signal [adc counts]

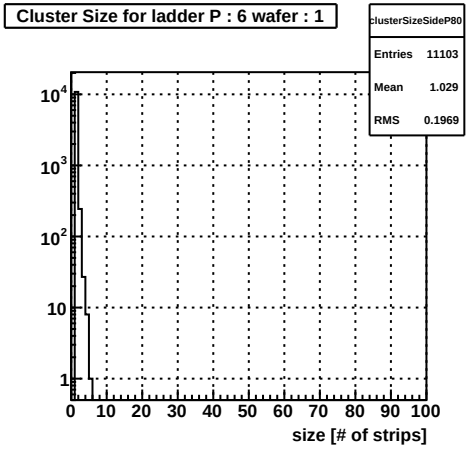

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 1117
Mean 1.103
RMS 0.3914
size [# of strips]

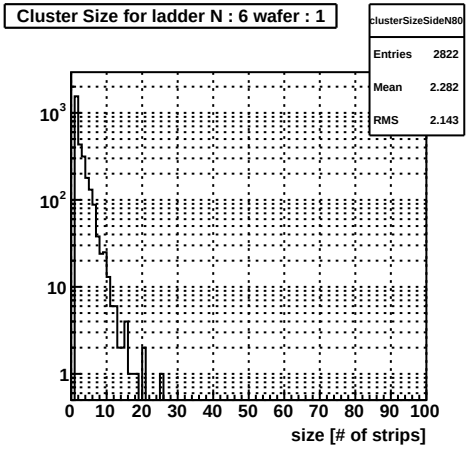

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 418
Mean 1.232
RMS 0.4903
size [# of strips]

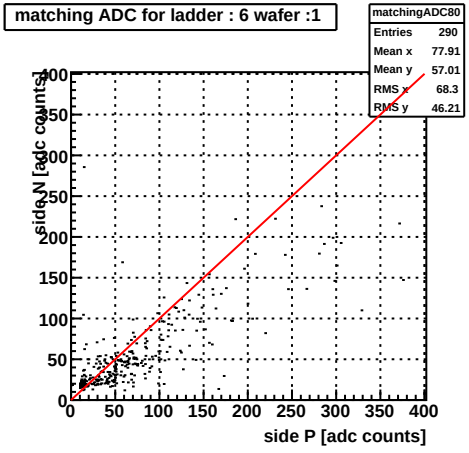

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 106
Mean x 98.15
Mean y 110.6
RMS x 67.37
RMS y 70.05
side N [adc counts]
side P [adc counts]

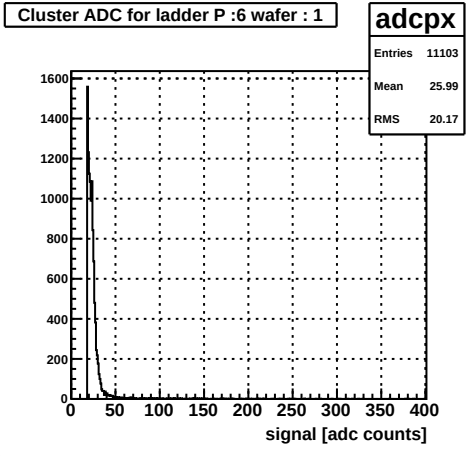

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 1117
Mean 44.69
RMS 39.75
signal [adc counts]

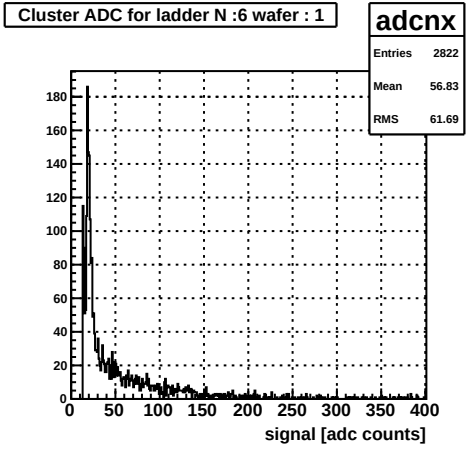

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 418
Mean 51.31
RMS 57.87
signal [adc counts]

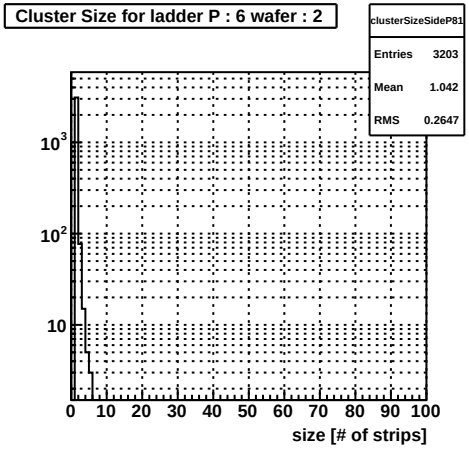

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 11103
Mean 1.029
RMS 0.1969
size [# of strips]

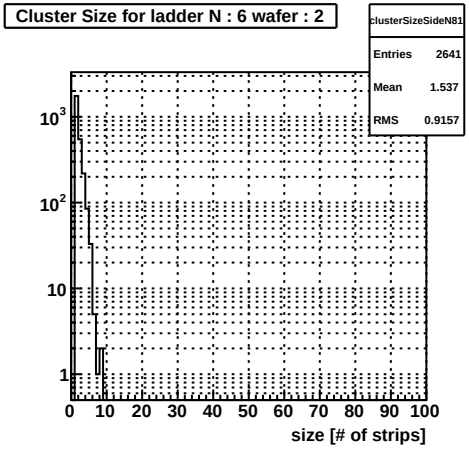

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 2822
Mean 2.282
RMS 2.143
size [# of strips]

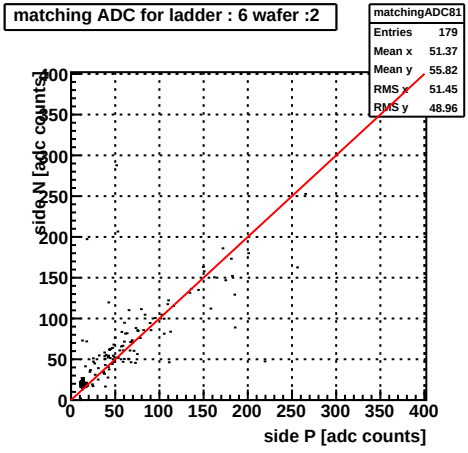

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 290
Mean x 77.91
Mean y 57.01
RMS x 68.3
RMS y 46.21
side N [adc counts]
side P [adc counts]

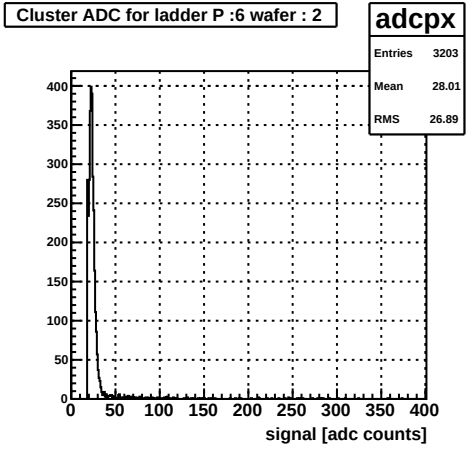

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 11103
Mean 25.99
RMS 20.17
signal [adc counts]

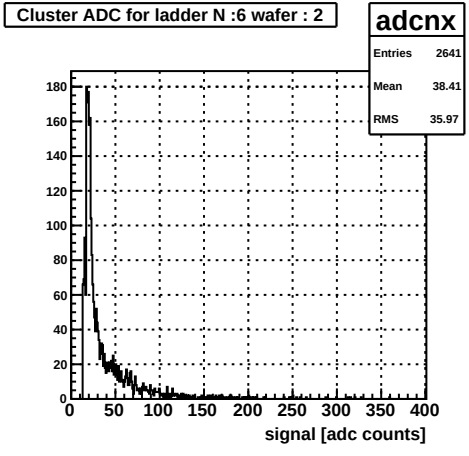

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 2822
Mean 56.83
RMS 61.69
signal [adc counts]

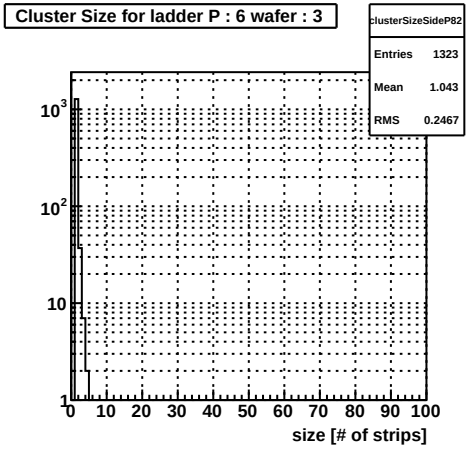

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 3203
Mean 1.042
RMS 0.2647
size [# of strips]

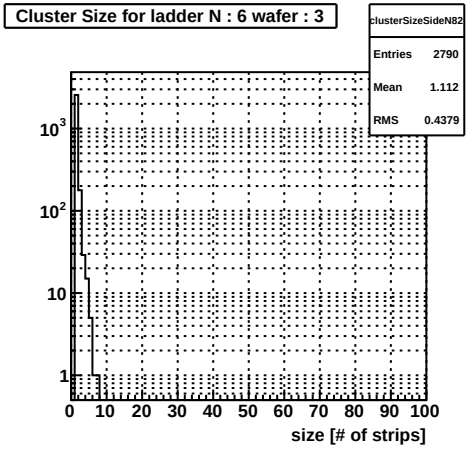

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 2641
Mean 1.537
RMS 0.9157
size [# of strips]

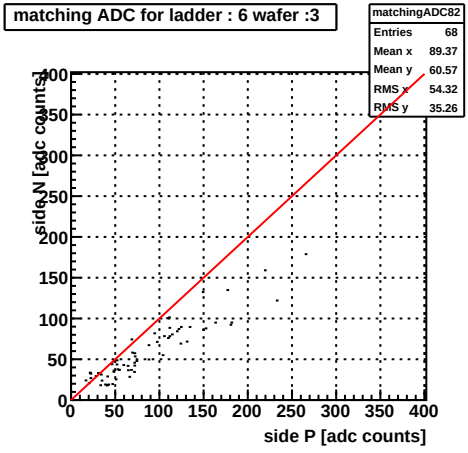

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 179
Mean x 51.37
Mean y 55.82
RMS x 51.45
RMS y 48.96
side N [adc counts]
side P [adc counts]

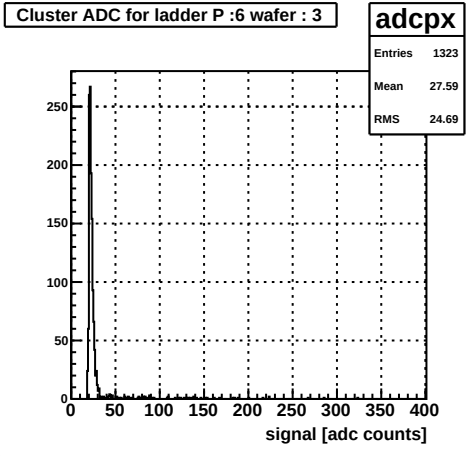

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 3203
Mean 28.01
RMS 26.89
signal [adc counts]

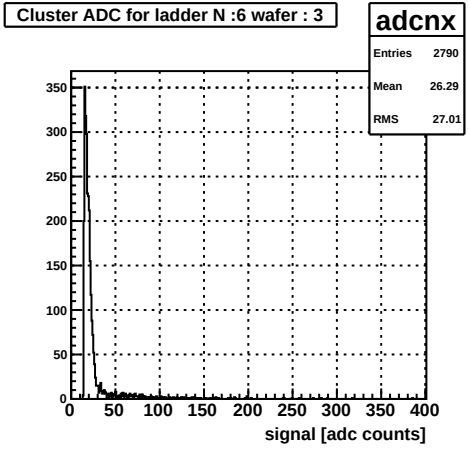

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 2641
Mean 38.41
RMS 35.97
signal [adc counts]

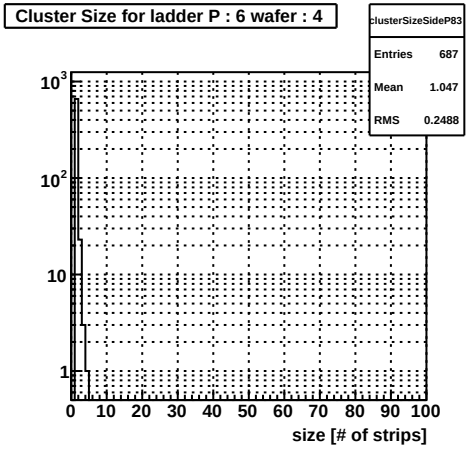

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1323
Mean 1.043
RMS 0.2467
size [# of strips]

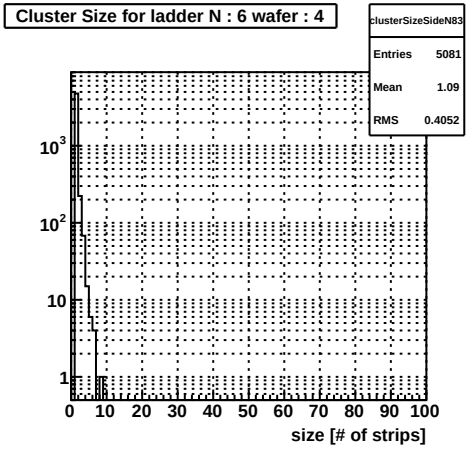

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 2790
Mean 1.112
RMS 0.4379
size [# of strips]

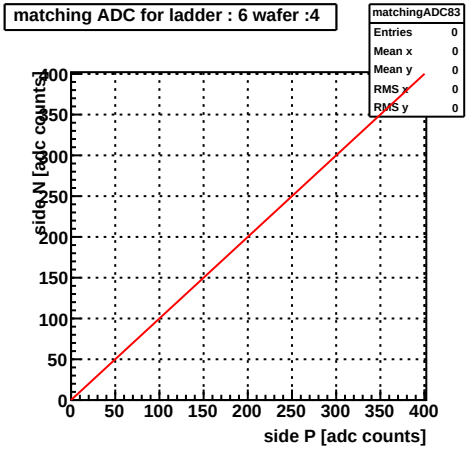

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 68
Mean x 89.37
Mean y 60.57
RMS x 54.32
RMS y 35.26
side N [adc counts]
side P [adc counts]

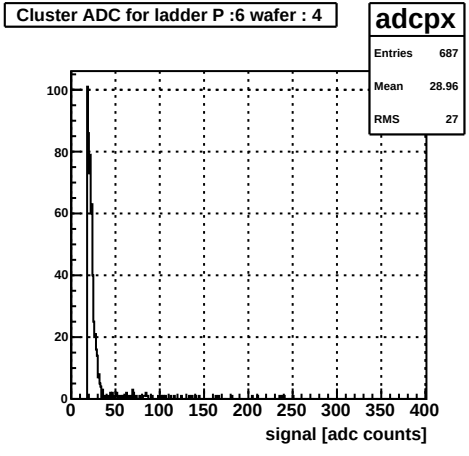

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1323
Mean 27.59
RMS 24.69
signal [adc counts]

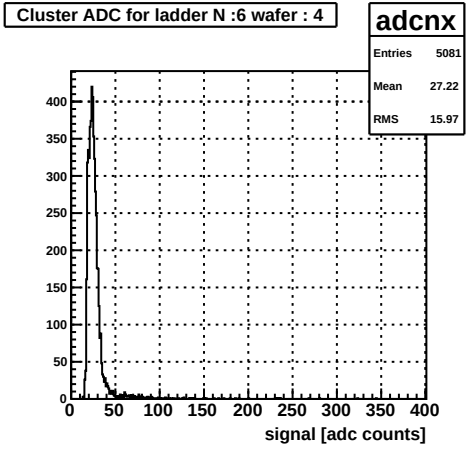

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 2790
Mean 26.29
RMS 27.01
signal [adc counts]

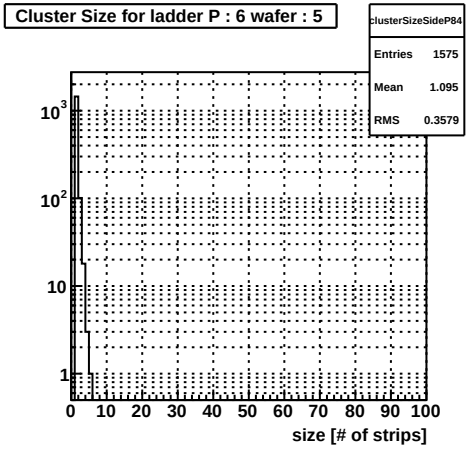

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 687
Mean 1.047
RMS 0.2488
size [# of strips]

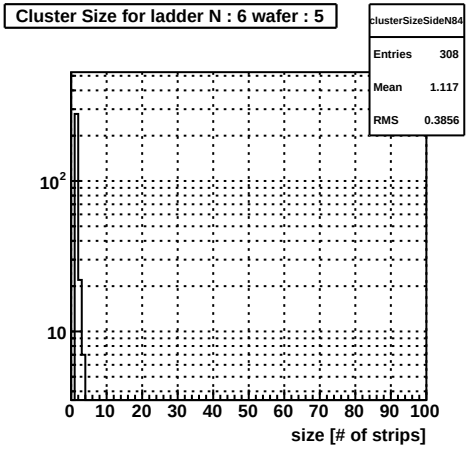

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 5081
Mean 1.09
RMS 0.4052
size [# of strips]

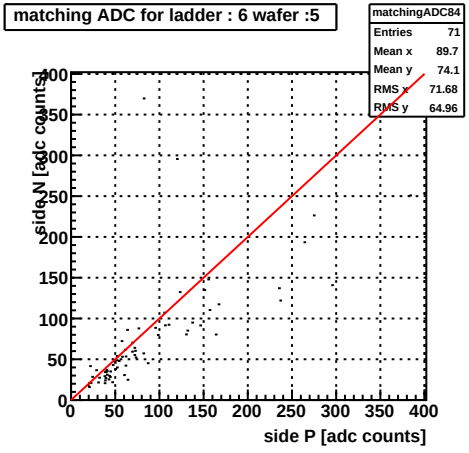

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

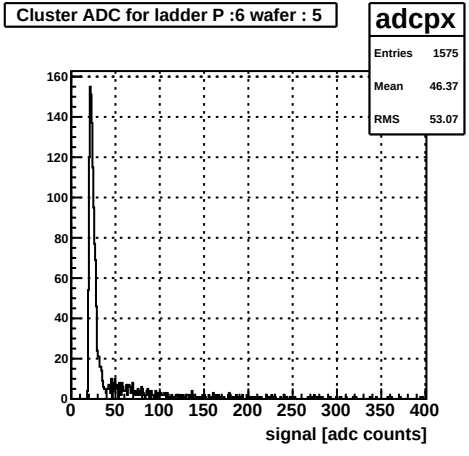

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 687
Mean 28.96
RMS 27
signal [adc counts]

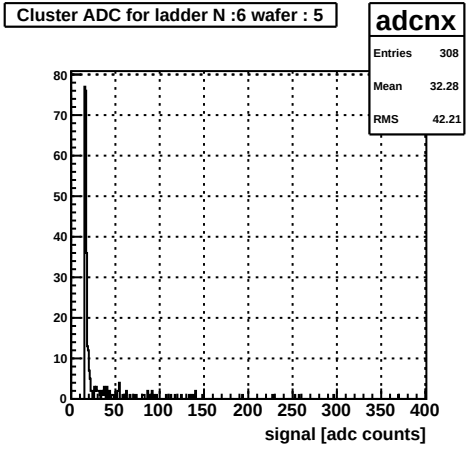

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 5081
Mean 27.22
RMS 15.97
signal [adc counts]

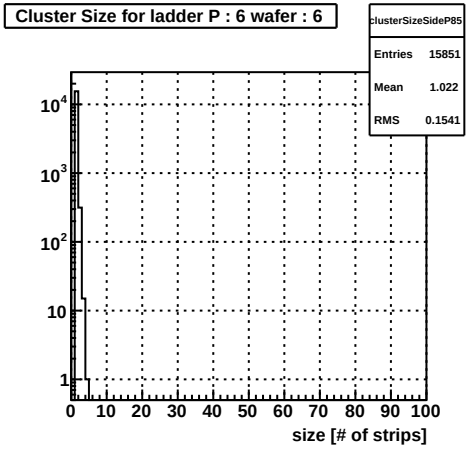

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 1575
Mean 1.095
RMS 0.3579
size [# of strips]

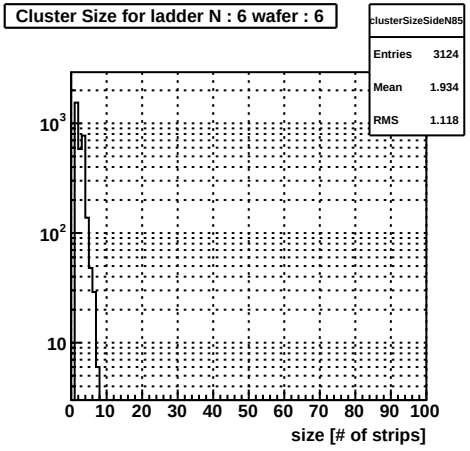

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 308
Mean 1.117
RMS 0.3856
size [# of strips]

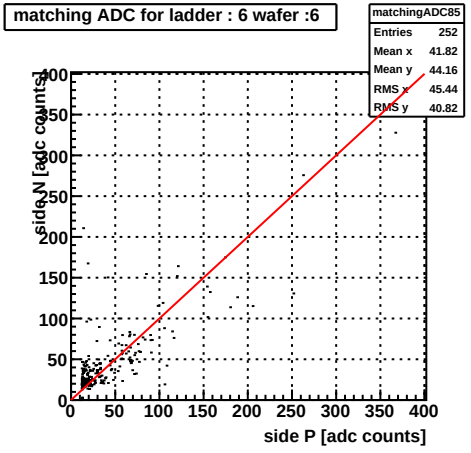

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 71
Mean x 89.7
Mean y 74.1
RMS x 71.68
RMS y 64.96
side N [adc counts]
side P [adc counts]

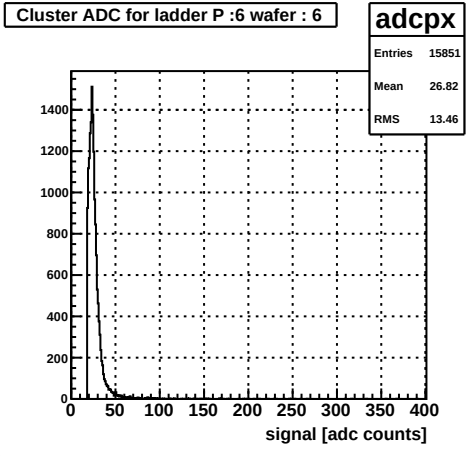

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 1575
Mean 46.37
RMS 53.07
signal [adc counts]

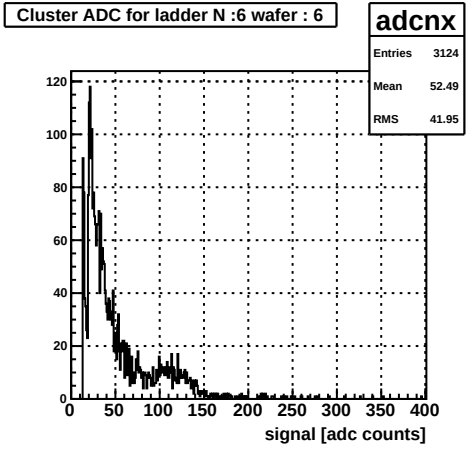

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 308
Mean 32.28
RMS 42.21
signal [adc counts]

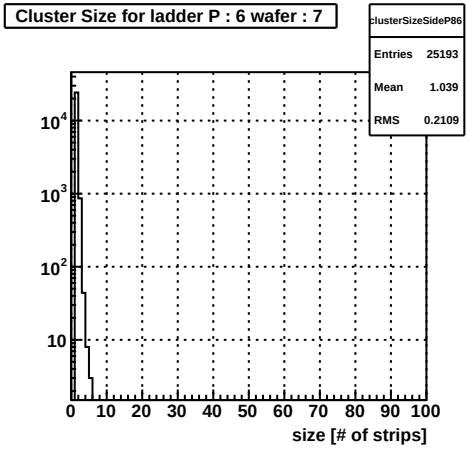

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 15851
Mean 1.022
RMS 0.1541
size [# of strips]

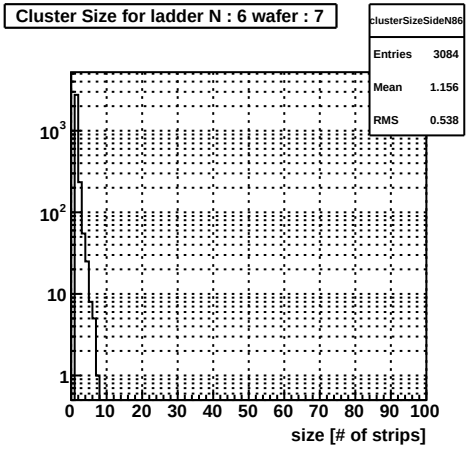

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 3124
Mean 1.934
RMS 1.118
size [# of strips]

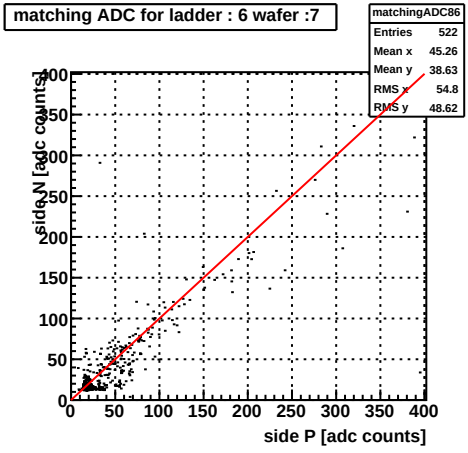

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 252
Mean x 41.82
Mean y 44.16
RMS x 45.44
RMS y 40.82
side N [adc counts]
side P [adc counts]

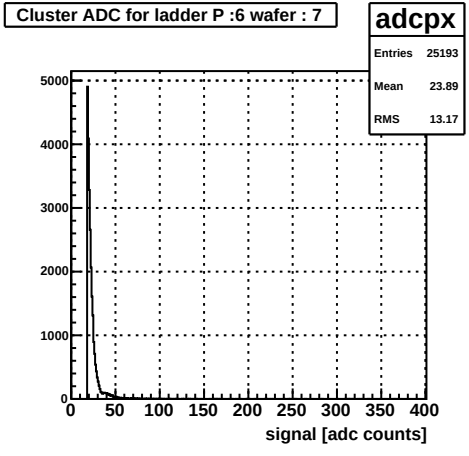

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 15851
Mean 26.82
RMS 13.46
signal [adc counts]

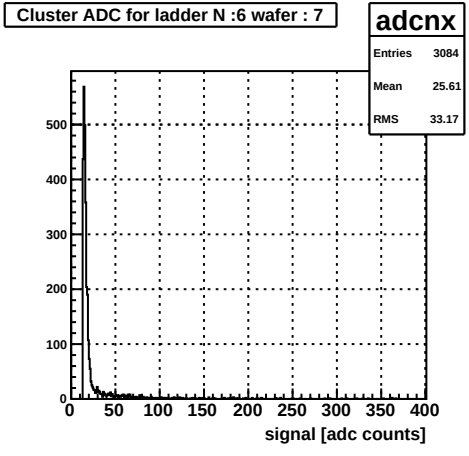

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 3124
Mean 52.49
RMS 41.95
signal [adc counts]

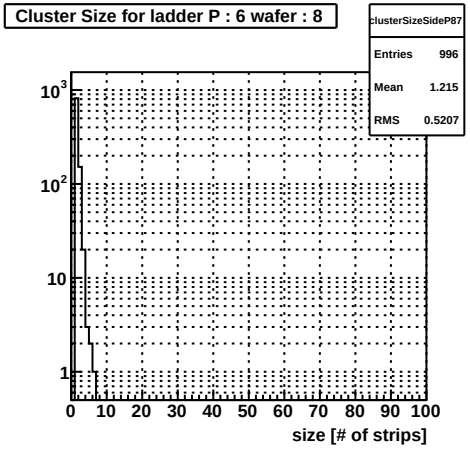

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 25193
Mean 1.039
RMS 0.2109
size [# of strips]

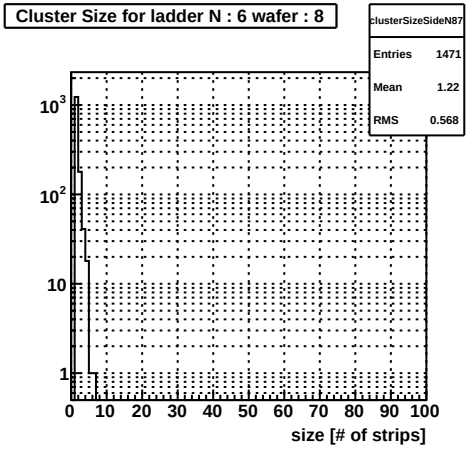

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 3084
Mean 1.156
RMS 0.538
size [# of strips]

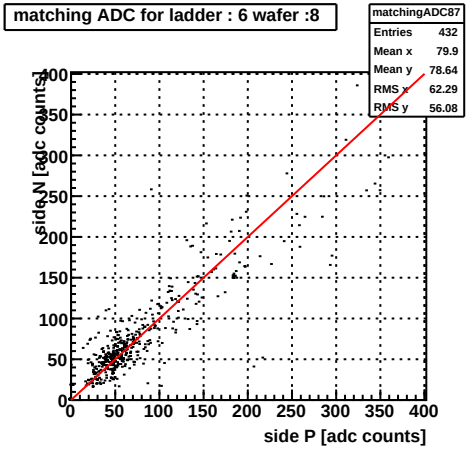

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 522
Mean x 45.26
Mean y 38.63
RMS x 54.8
RMS y 48.62
side N [adc counts]
side P [adc counts]

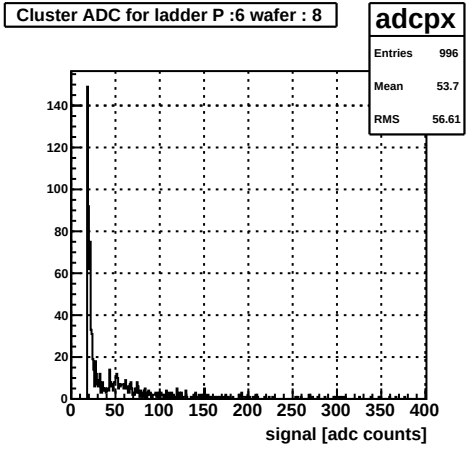

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 25193
Mean 23.89
RMS 13.17
signal [adc counts]

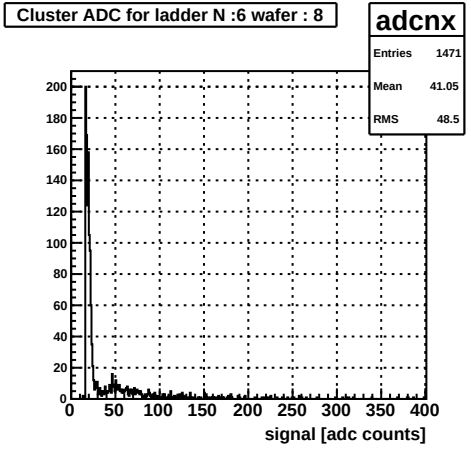

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 3084
Mean 25.61
RMS 33.17
signal [adc counts]

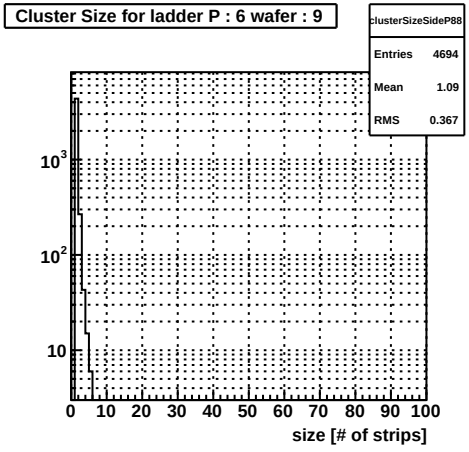

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 996
Mean 1.215
RMS 0.5207
size [# of strips]

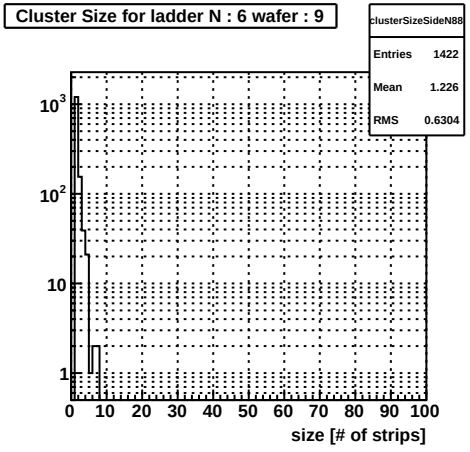

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 1471
Mean 1.22
RMS 0.568
size [# of strips]

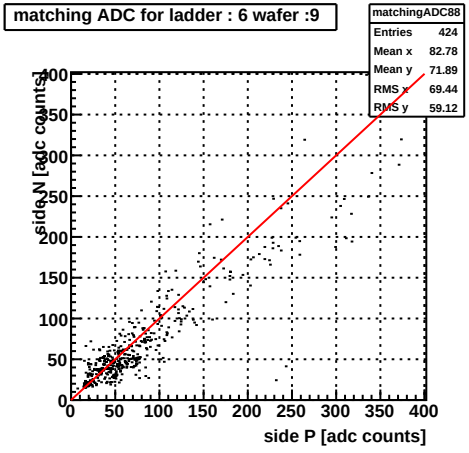

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 432
Mean x 79.9
Mean y 78.64
RMS x 62.29
RMS y 56.08
side N [adc counts]
side P [adc counts]

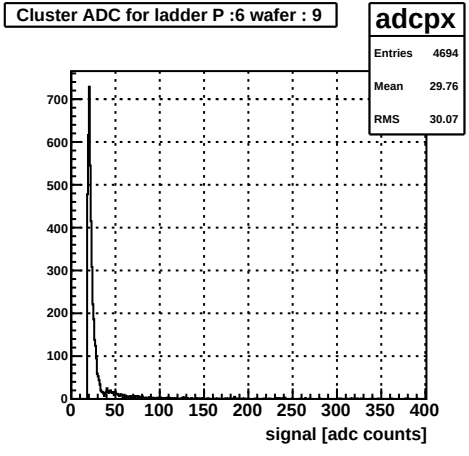

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 996
Mean 53.7
RMS 56.61
signal [adc counts]

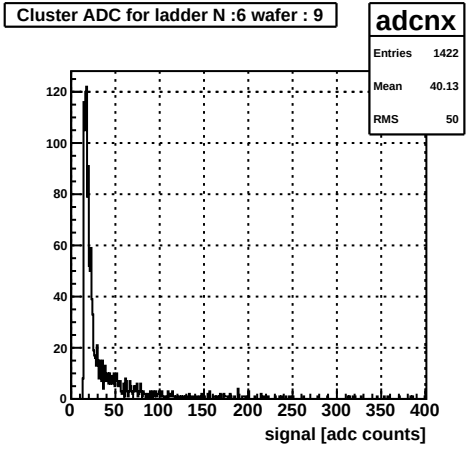

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 1471
Mean 41.05
RMS 48.5
signal [adc counts]

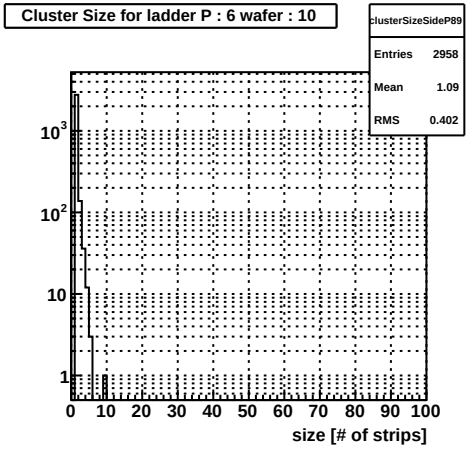

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 4694
Mean 1.09
RMS 0.367
size [# of strips]

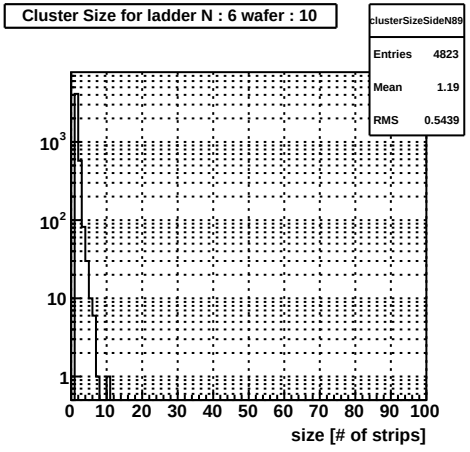

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 1422
Mean 1.226
RMS 0.6304
size [# of strips]

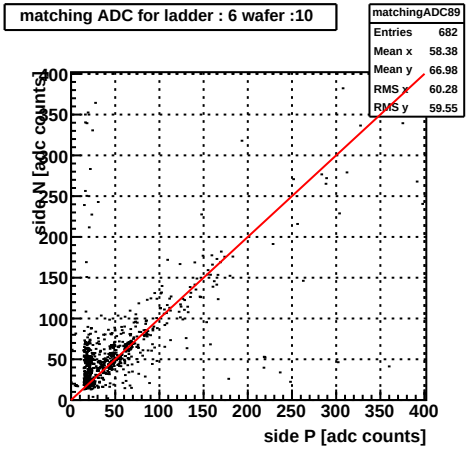

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 424
Mean x 82.78
Mean y 71.89
RMS x 69.44
RMS y 59.12
side N [adc counts]
side P [adc counts]

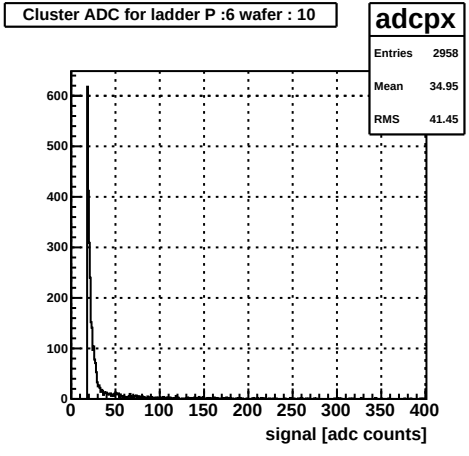

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 4694
Mean 29.76
RMS 30.07
signal [adc counts]

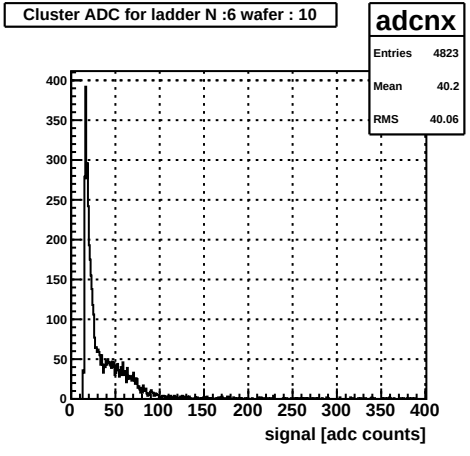

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 1422
Mean 40.13
RMS 50
signal [adc counts]

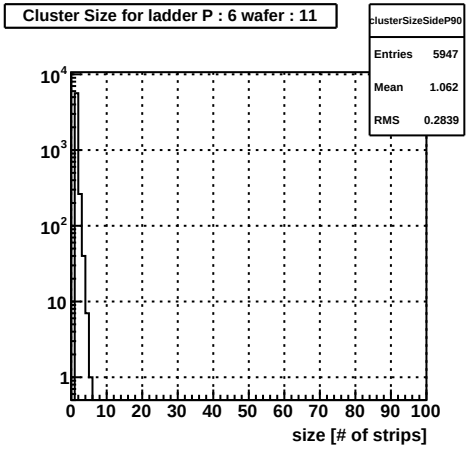

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 2958
Mean 1.09
RMS 0.402
size [# of strips]

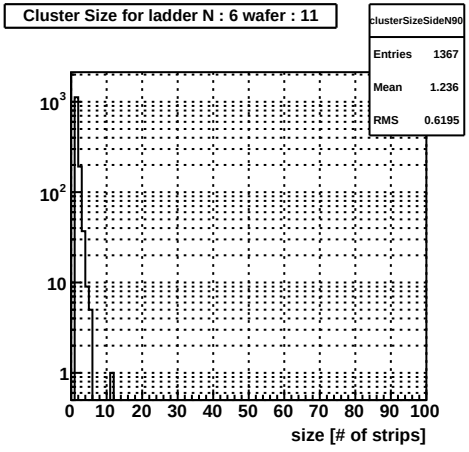

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 4823
Mean 1.19
RMS 0.5439
size [# of strips]

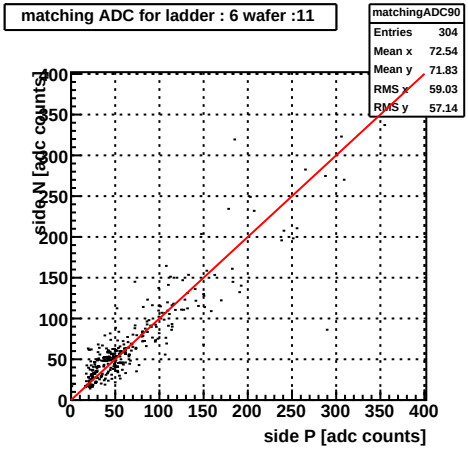

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 682
Mean x 58.38
Mean y 66.98
RMS x 60.28
RMS y 59.55
side N [adc counts]
side P [adc counts]

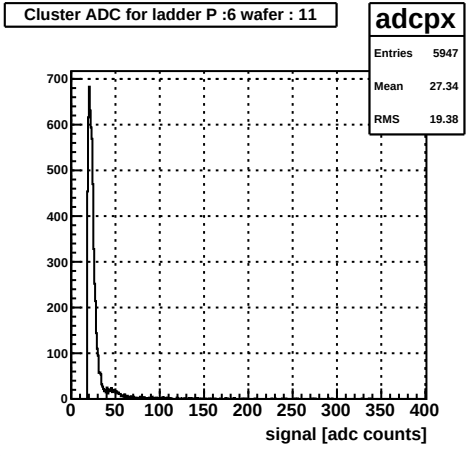

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 2958
Mean 34.95
RMS 41.45
signal [adc counts]

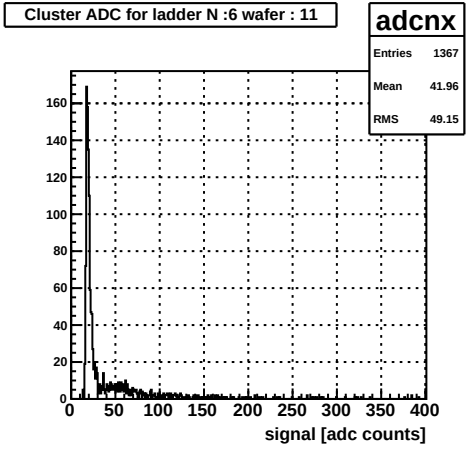

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 4823
Mean 40.2
RMS 40.06
signal [adc counts]

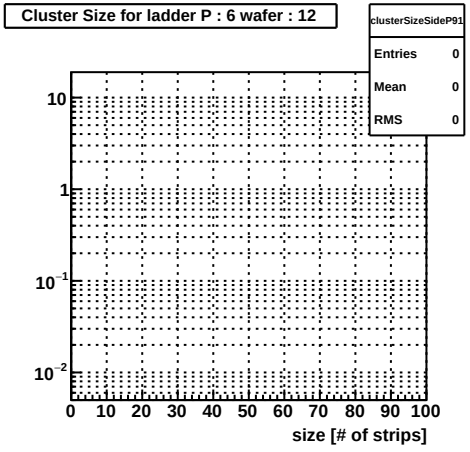

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 5947
Mean 1.062
RMS 0.2839
size [# of strips]

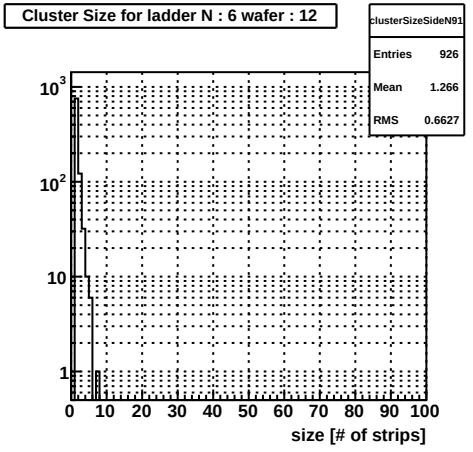

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 1367
Mean 1.236
RMS 0.6195
size [# of strips]

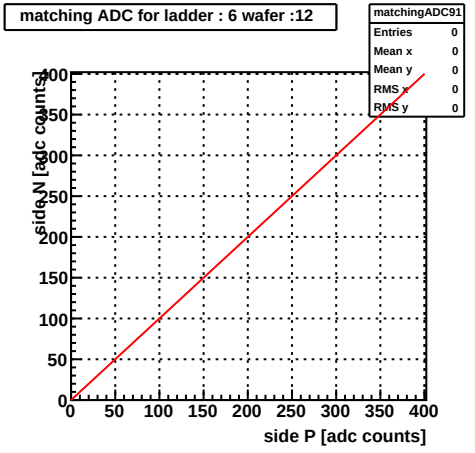

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 304
Mean x 72.54
Mean y 71.83
RMS x 59.03
RMS y 57.14
side N [adc counts]
side P [adc counts]

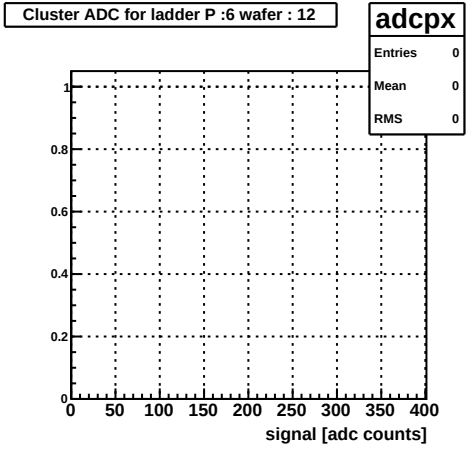

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 5947
Mean 27.34
RMS 19.38
signal [adc counts]

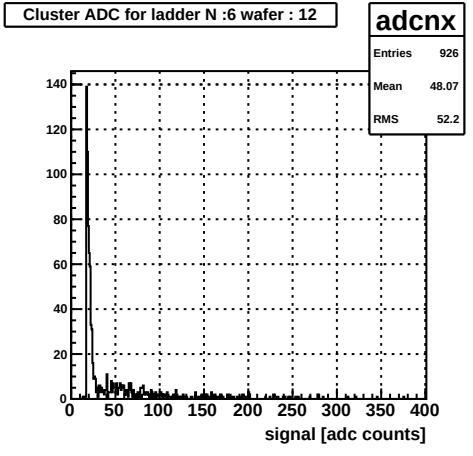

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 1367
Mean 41.96
RMS 49.15
signal [adc counts]

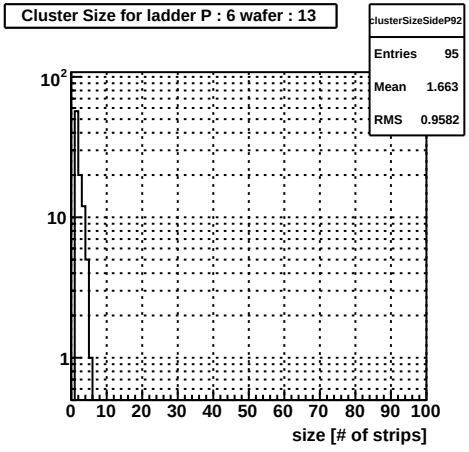

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 0
Mean 0
RMS 0
size [# of strips]

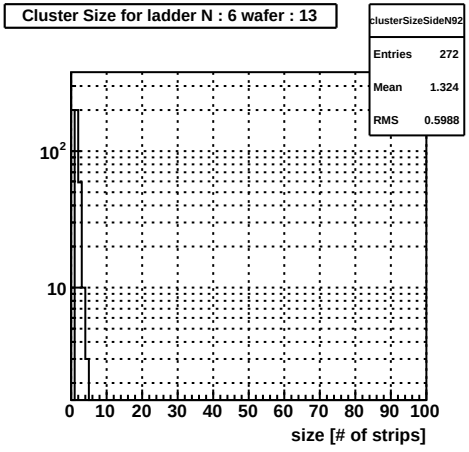

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 926
Mean 1.266
RMS 0.6627
size [# of strips]

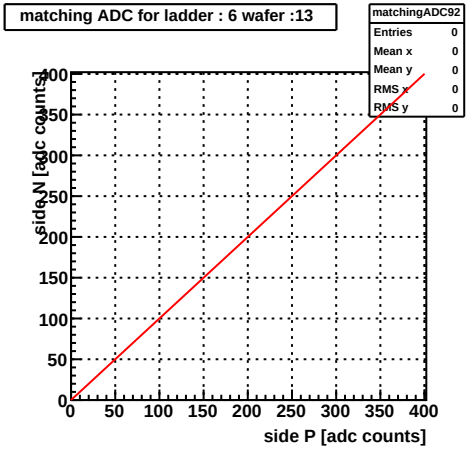

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

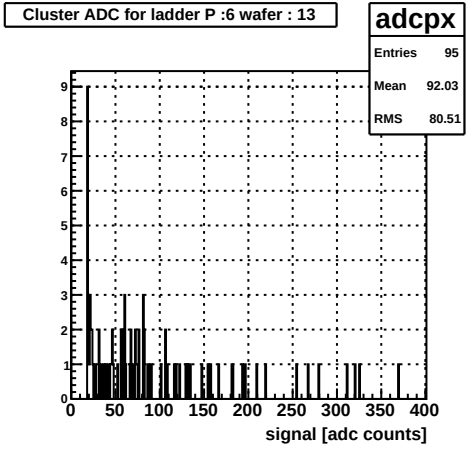

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

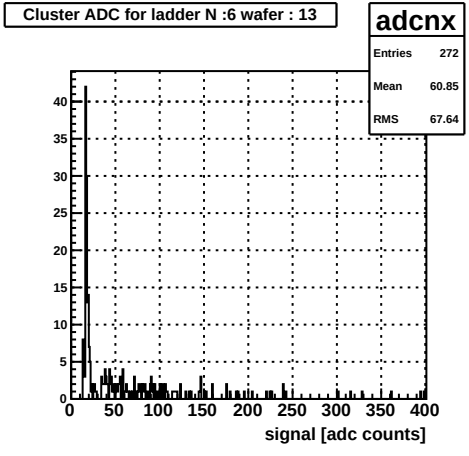

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 926
Mean 48.07
RMS 52.2
signal [adc counts]

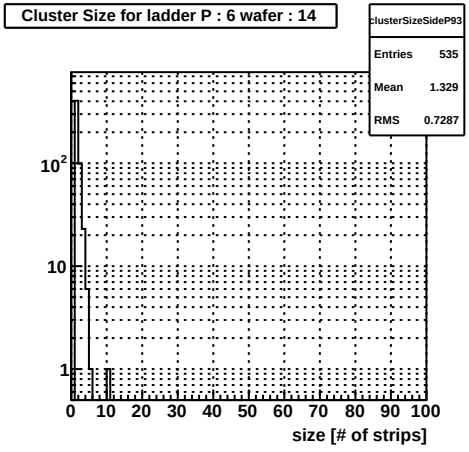

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 95
Mean 1.663
RMS 0.9582
size [# of strips]

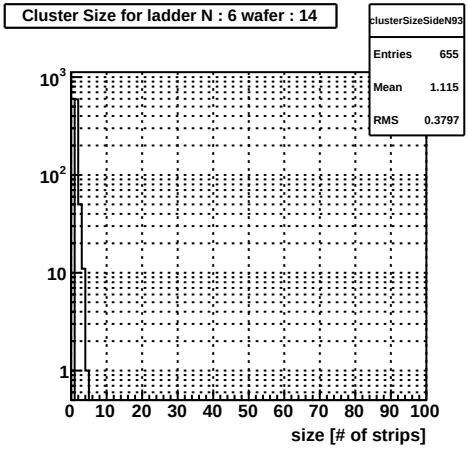

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 272
Mean 1.324
RMS 0.5988
size [# of strips]

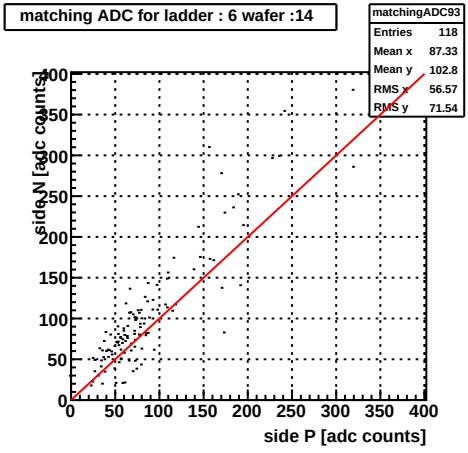

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

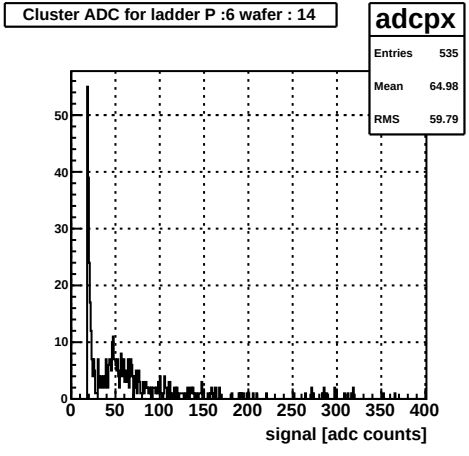

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 95
Mean 92.03
RMS 80.51
signal [adc counts]

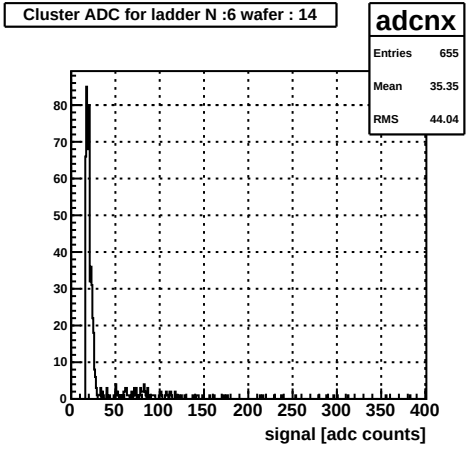

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 272
Mean 60.85
RMS 67.64
signal [adc counts]

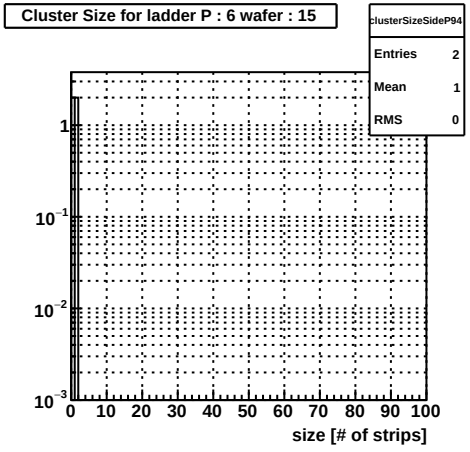

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 535
Mean 1.329
RMS 0.7287
size [# of strips]

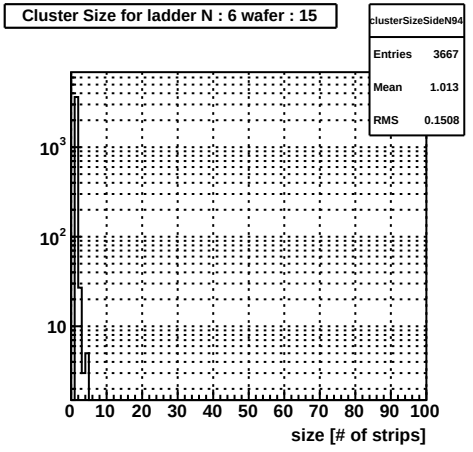

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 655
Mean 1.115
RMS 0.3797
size [# of strips]

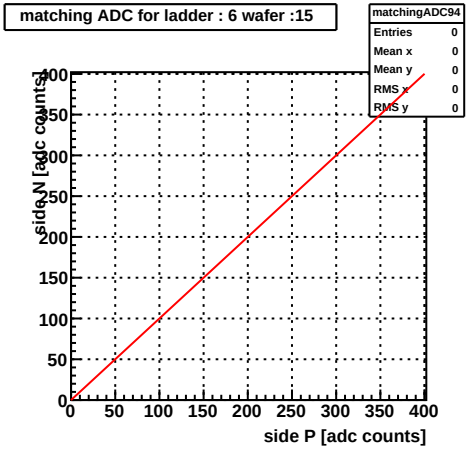

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 118
Mean x 87.33
Mean y 102.8
RMS x 56.57
RMS y 71.54
side N [adc counts]
side P [adc counts]

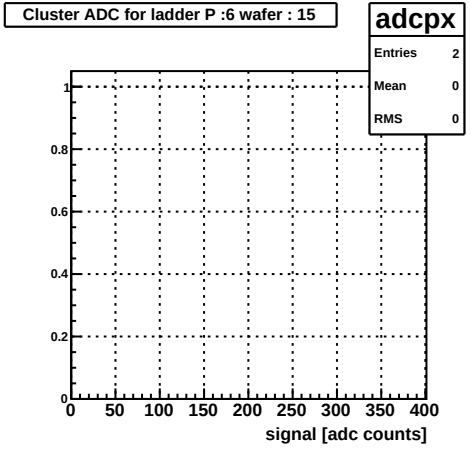

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 535
Mean 64.98
RMS 59.79
signal [adc counts]

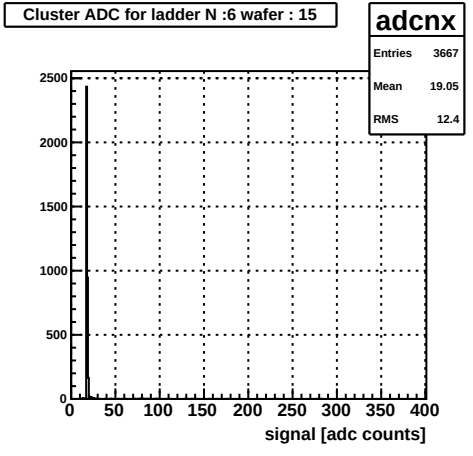

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 655
Mean 35.35
RMS 44.04
signal [adc counts]

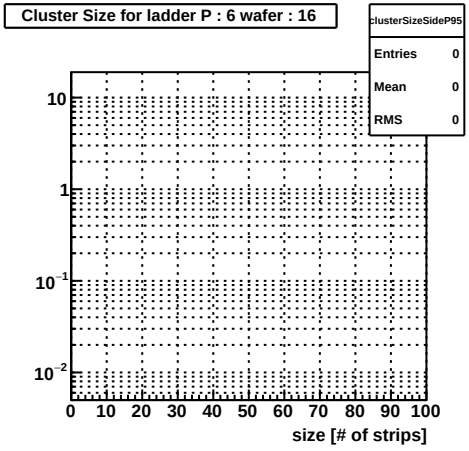

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 2
Mean 1
RMS 0
size [# of strips]

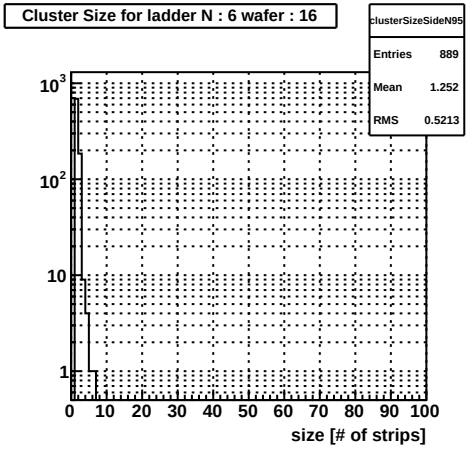

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 3667
Mean 1.013
RMS 0.1508
size [# of strips]

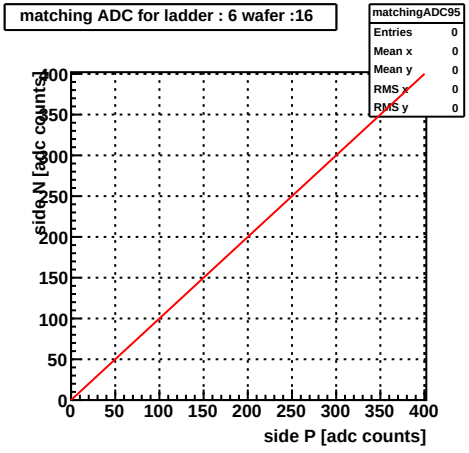

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

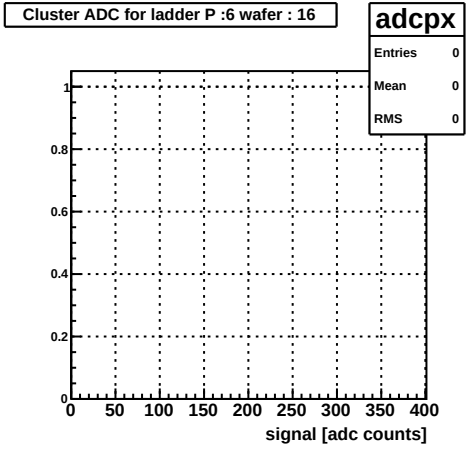

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

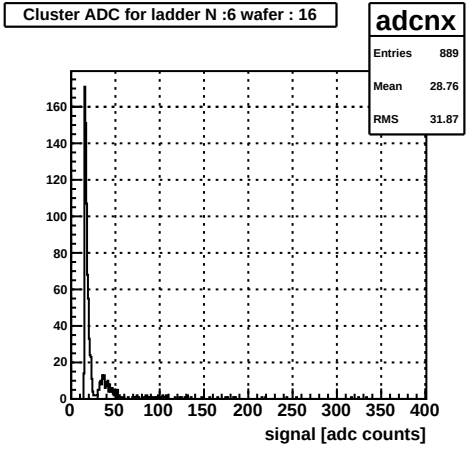

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 3667
Mean 19.05
RMS 12.4
signal [adc counts]

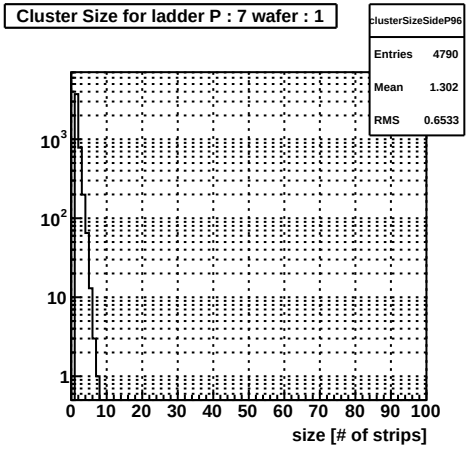

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

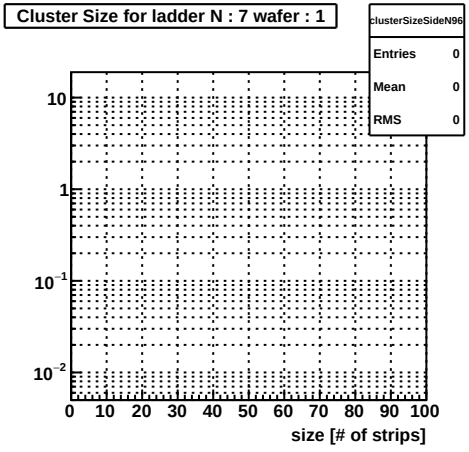

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 889
Mean 1.252
RMS 0.5213
size [# of strips]

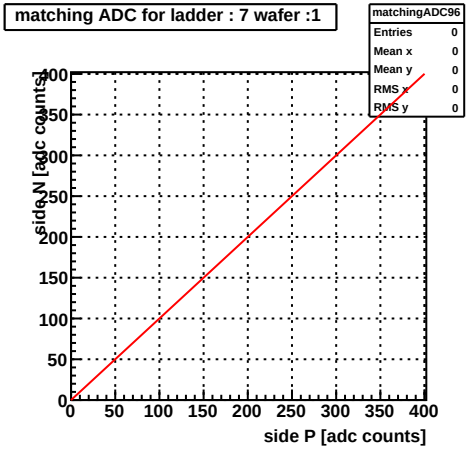

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

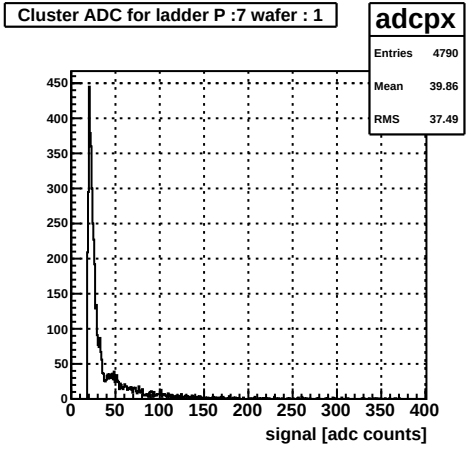

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

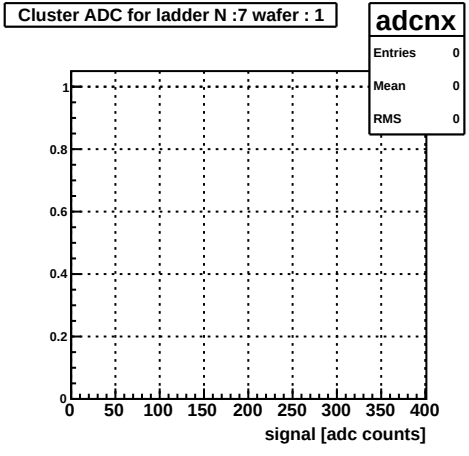

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 889
Mean 28.76
RMS 31.87
signal [adc counts]

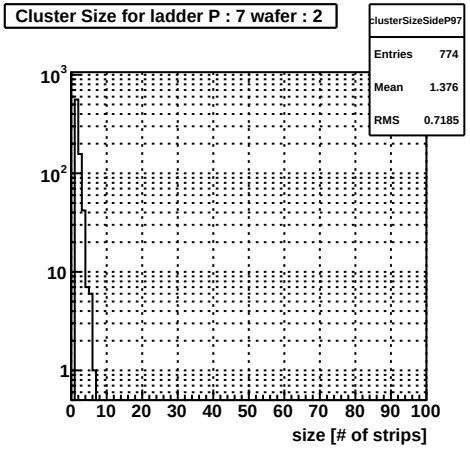

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 4790
Mean 1.302
RMS 0.6533
size [# of strips]

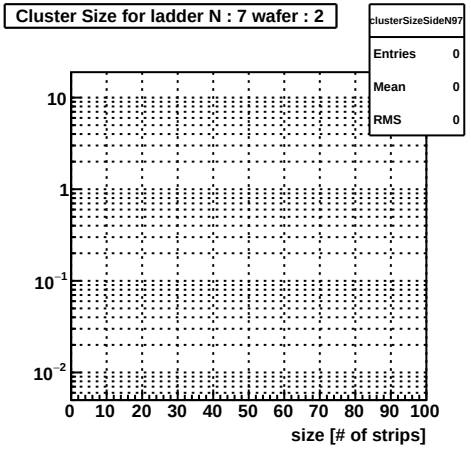

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

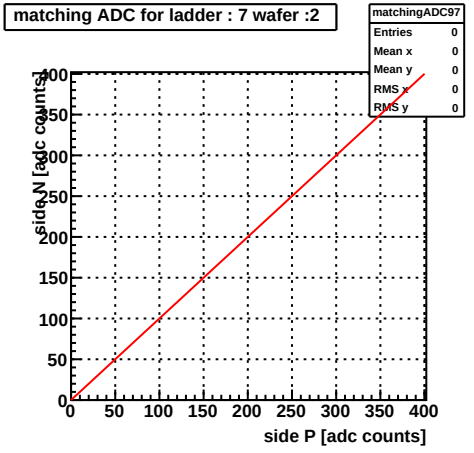

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

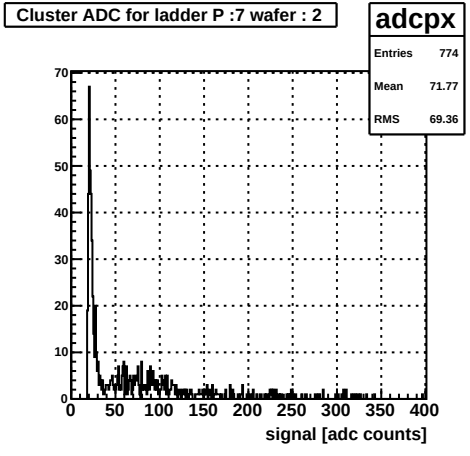

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 4790
Mean 39.86
RMS 37.49
signal [adc counts]

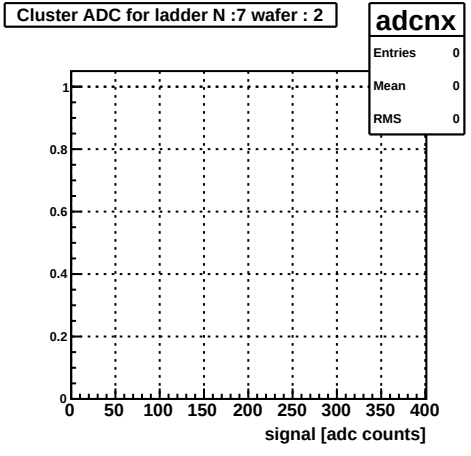

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

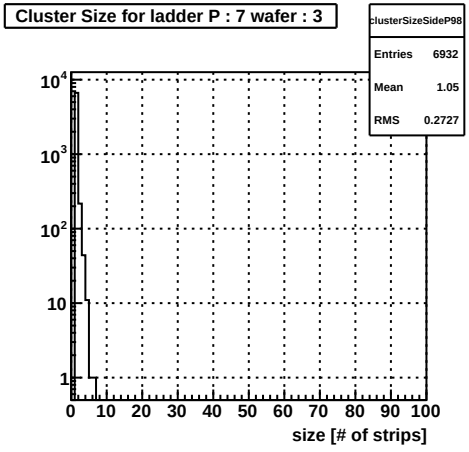

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 774
Mean 1.376
RMS 0.7185
size [# of strips]

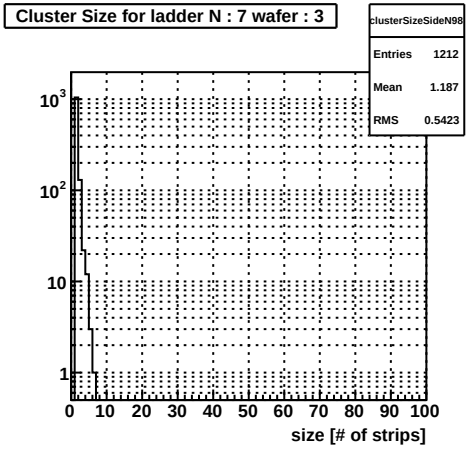

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

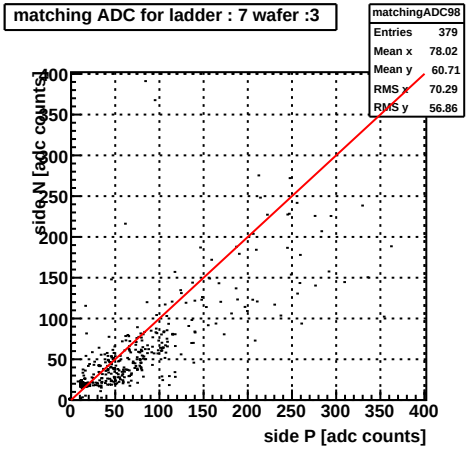

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

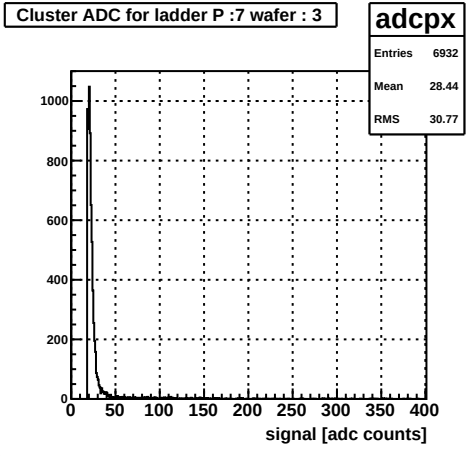

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 774
Mean 71.77
RMS 69.36
signal [adc counts]

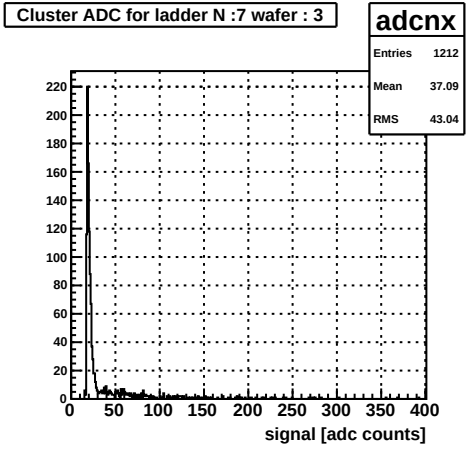

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

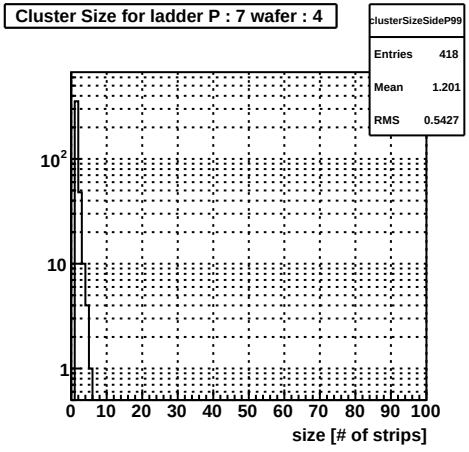

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 6932
Mean 1.05
RMS 0.2727
size [# of strips]

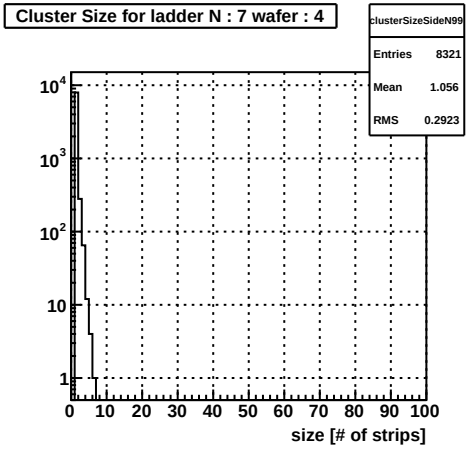

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 1212
Mean 1.187
RMS 0.5423
size [# of strips]

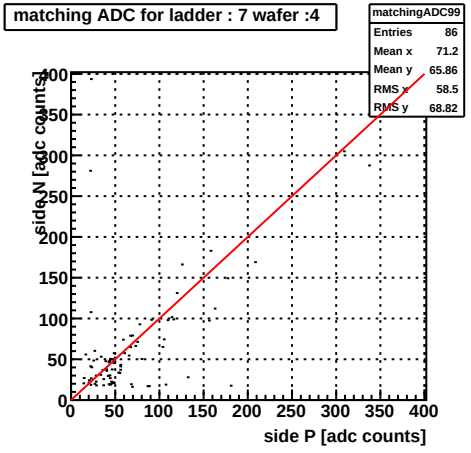

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 379
Mean x 78.02
Mean y 60.71
RMS x 70.29
RMS y 56.86
side N [adc counts]
side P [adc counts]

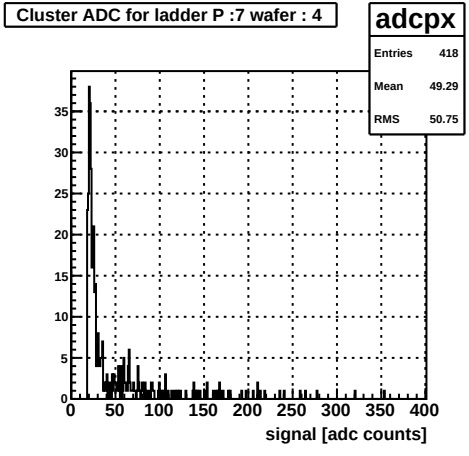

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 6932
Mean 28.44
RMS 30.77
signal [adc counts]

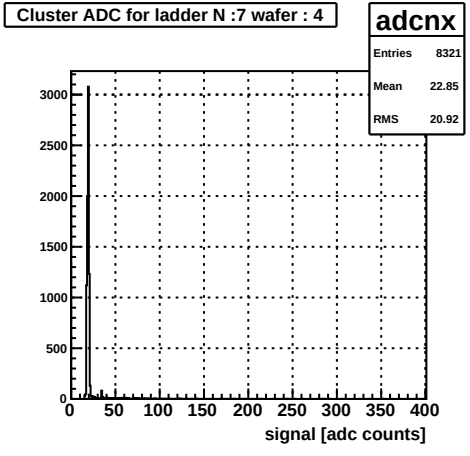

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 1212
Mean 37.09
RMS 43.04
signal [adc counts]

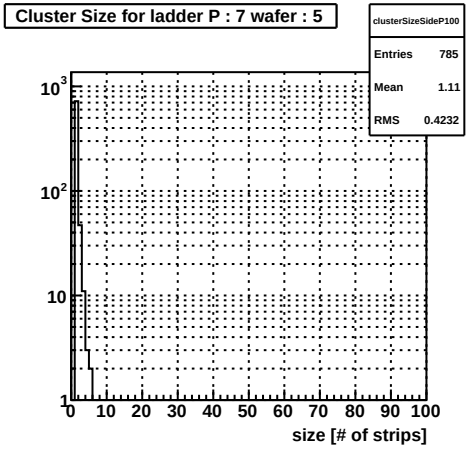

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 418
Mean 1.201
RMS 0.5427
size [# of strips]

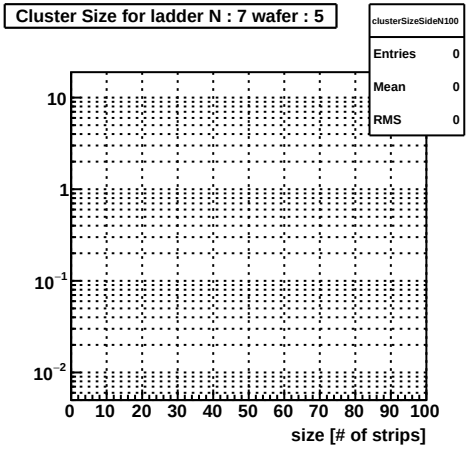

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 8321
Mean 1.056
RMS 0.2923
size [# of strips]

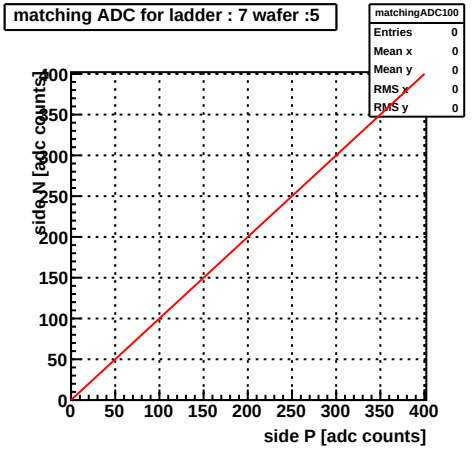

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 86
Mean x 71.2
Mean y 65.86
RMS x 58.5
RMS y 68.82
side N [adc counts]
side P [adc counts]

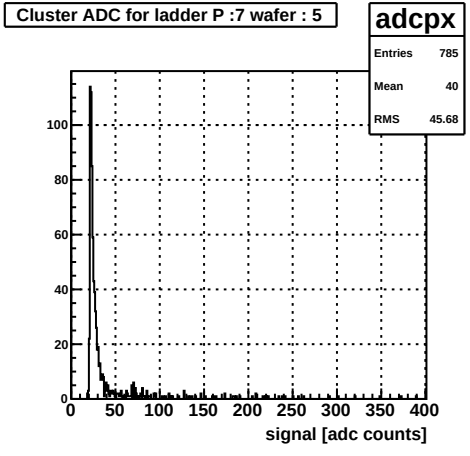

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 418
Mean 49.29
RMS 50.75
signal [adc counts]

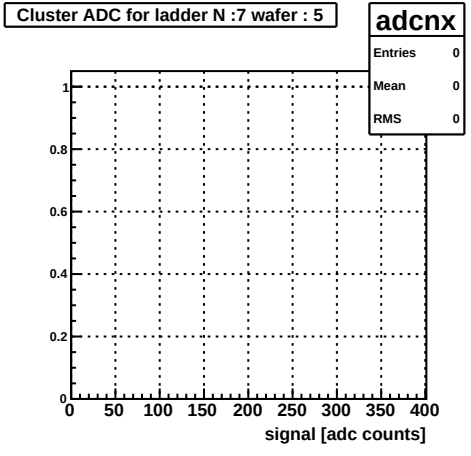

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 8321
Mean 22.85
RMS 20.92
signal [adc counts]

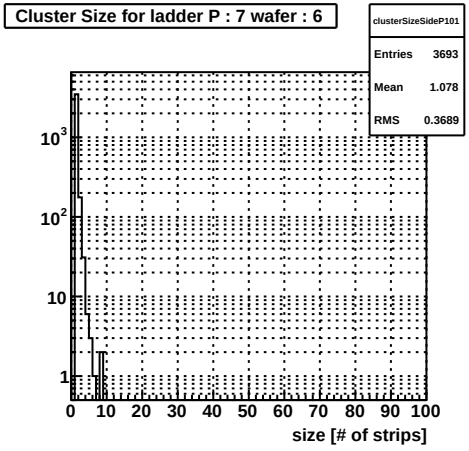

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 785
Mean 1.11
RMS 0.4232
size [# of strips]

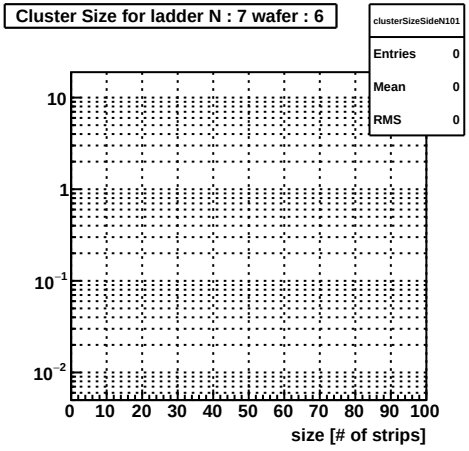

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

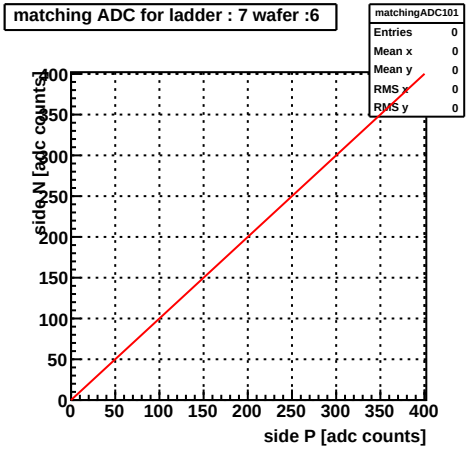

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

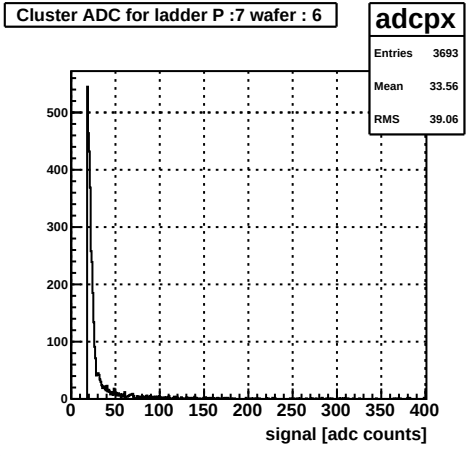

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 785
Mean 40
RMS 45.68
signal [adc counts]

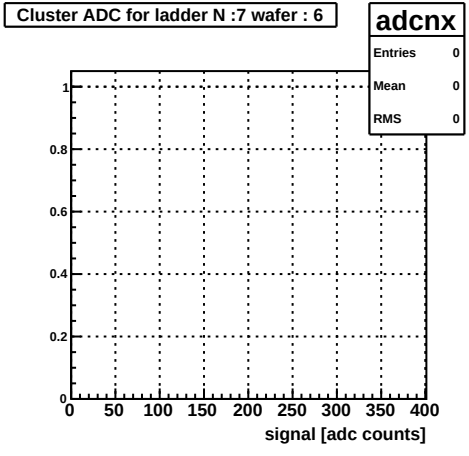

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

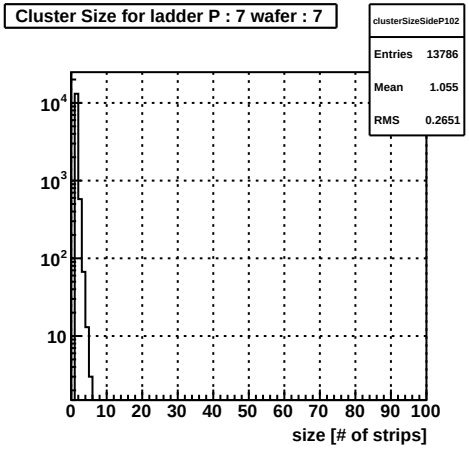

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 3693
Mean 1.078
RMS 0.3689
size [# of strips]

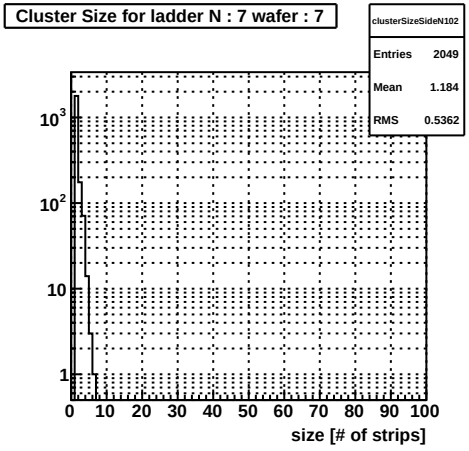

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

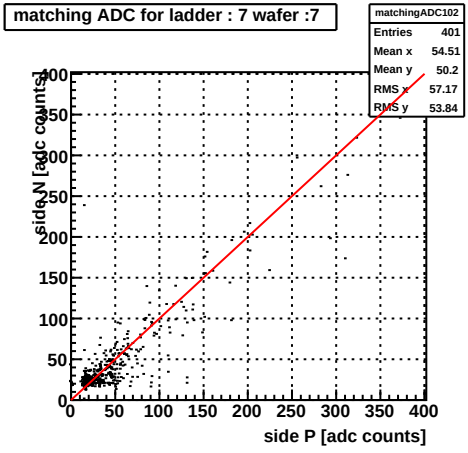

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

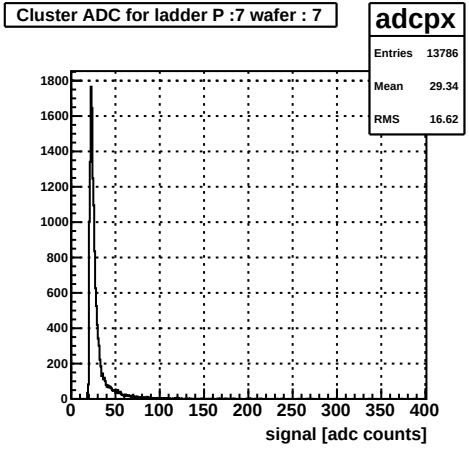

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 3693
Mean 33.56
RMS 39.06
signal [adc counts]

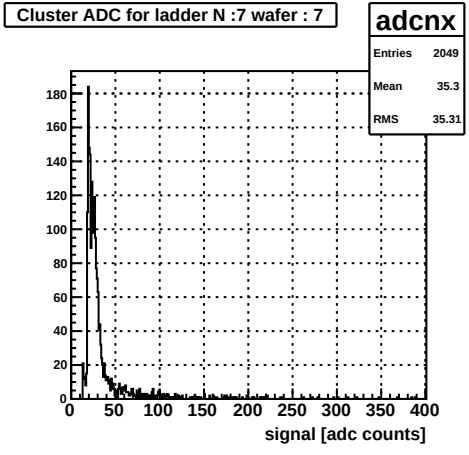

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

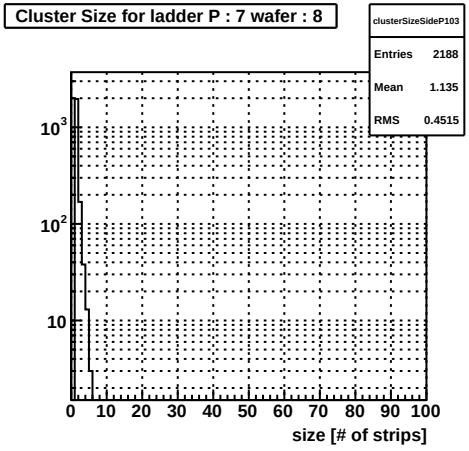

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 13786
Mean 1.055
RMS 0.2651
size [# of strips]

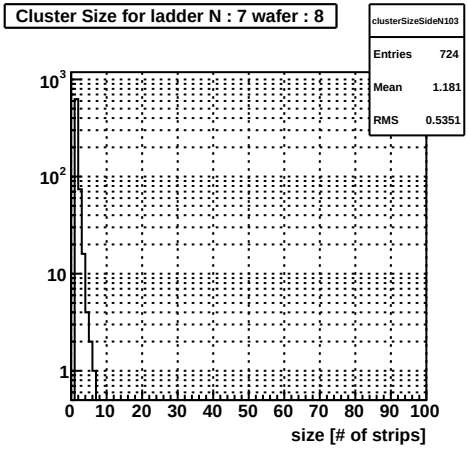

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 2049
Mean 1.184
RMS 0.5362
size [# of strips]

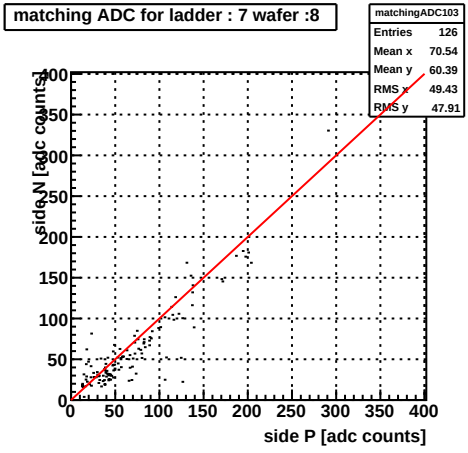

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 401
Mean x 54.51
Mean y 50.2
RMS x 57.17
RMS y 53.84
side N [adc counts]
side P [adc counts]

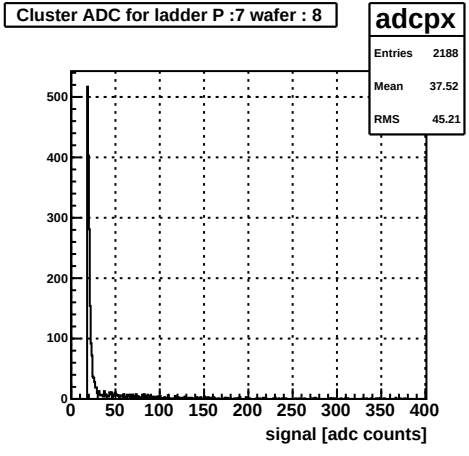

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 13786
Mean 29.34
RMS 16.62
signal [adc counts]

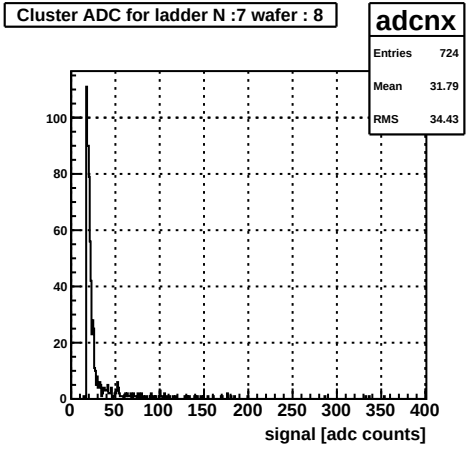

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 2049
Mean 35.3
RMS 35.31
signal [adc counts]

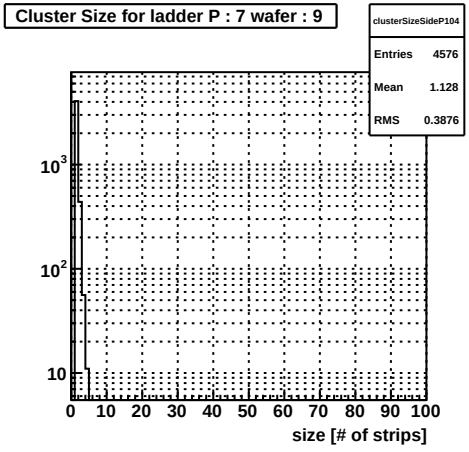

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 2188
Mean 1.135
RMS 0.4515
size [# of strips]

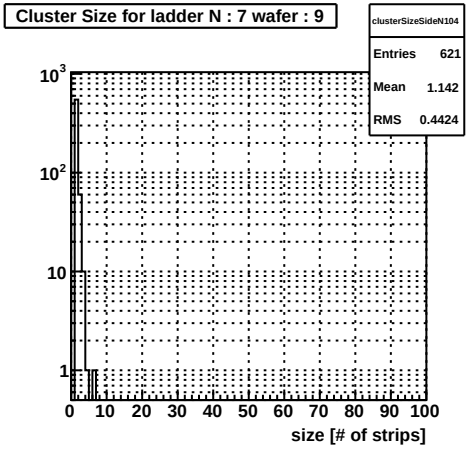

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 724
Mean 1.181
RMS 0.5351
size [# of strips]

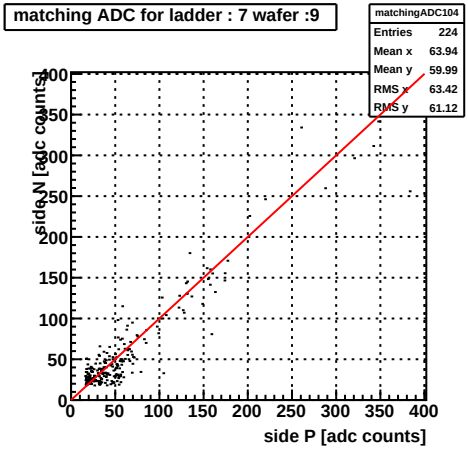

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 126
Mean x 70.54
Mean y 60.39
RMS x 49.43
RMS y 47.91
side N [adc counts]
side P [adc counts]

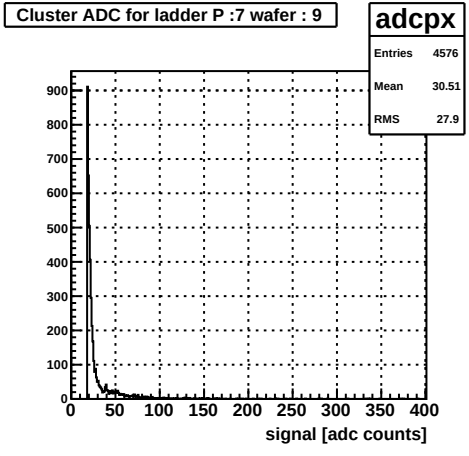

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 2188
Mean 37.52
RMS 45.21
signal [adc counts]

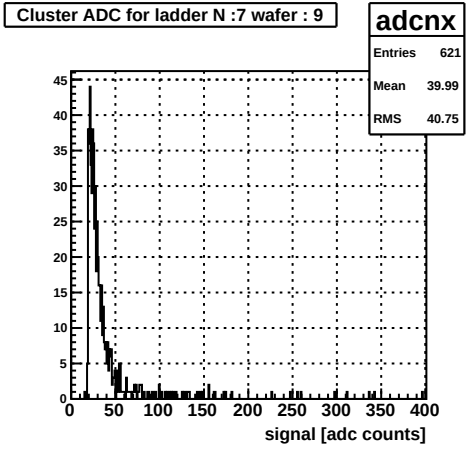

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 724
Mean 31.79
RMS 34.43
signal [adc counts]

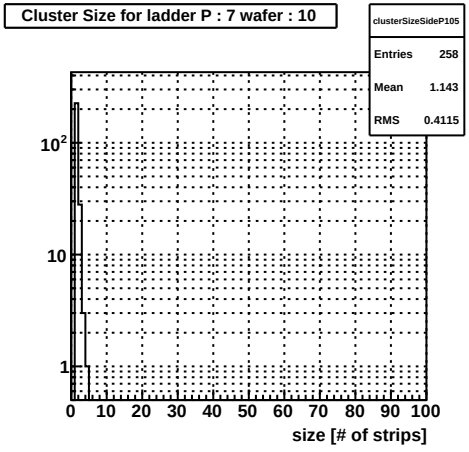

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 4576
Mean 1.128
RMS 0.3876
size [# of strips]

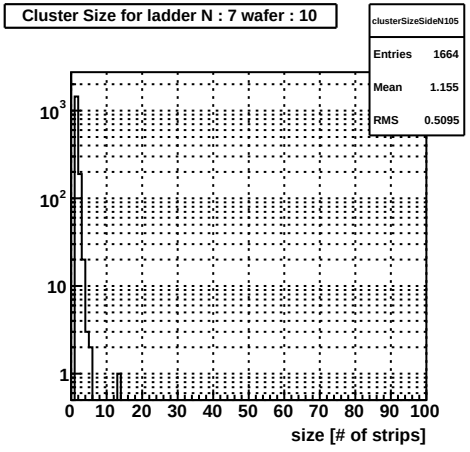

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 621
Mean 1.142
RMS 0.4424
size [# of strips]

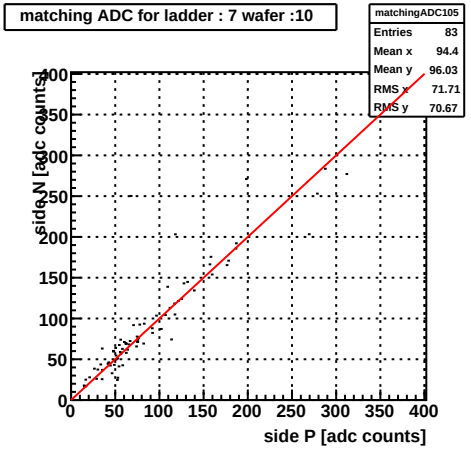

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 224
Mean x 63.94
Mean y 59.99
RMS x 63.42
RMS y 61.12
side N [adc counts]
side P [adc counts]

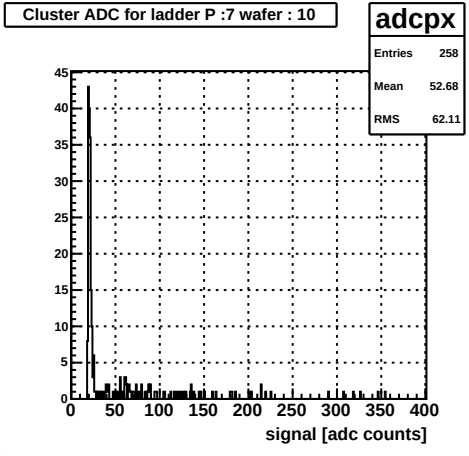

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 4576
Mean 30.51
RMS 27.9
signal [adc counts]

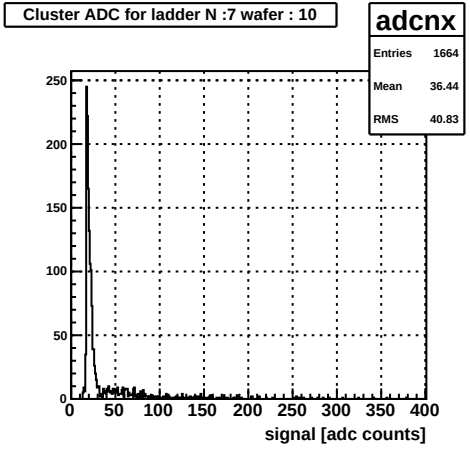

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 621
Mean 39.99
RMS 40.75
signal [adc counts]

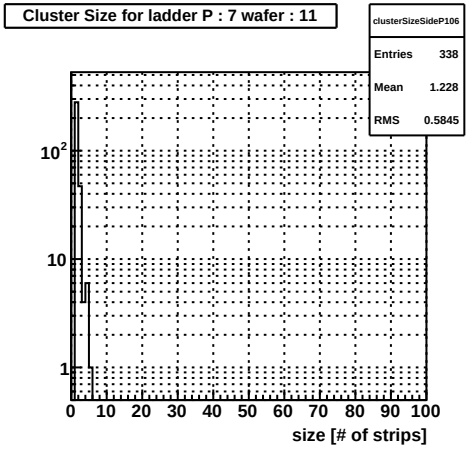

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 258
Mean 1.143
RMS 0.4115
size [# of strips]

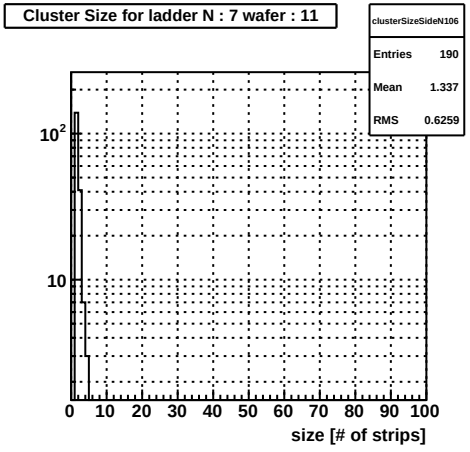

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 1664
Mean 1.155
RMS 0.5095
size [# of strips]

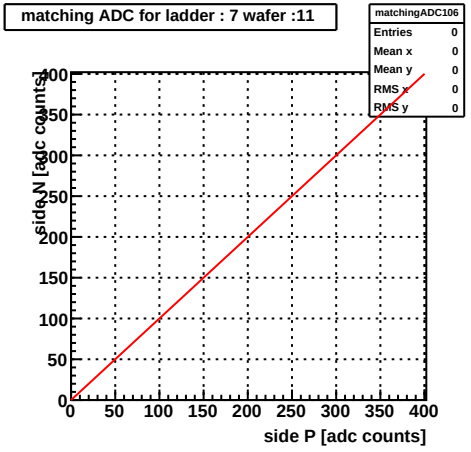

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 83
Mean x 94.4
Mean y 96.03
RMS x 71.71
RMS y 70.67
side N [adc counts]
side P [adc counts]

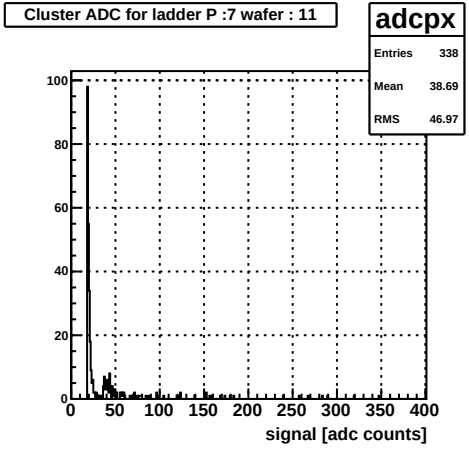

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 258
Mean 52.68
RMS 62.11
signal [adc counts]

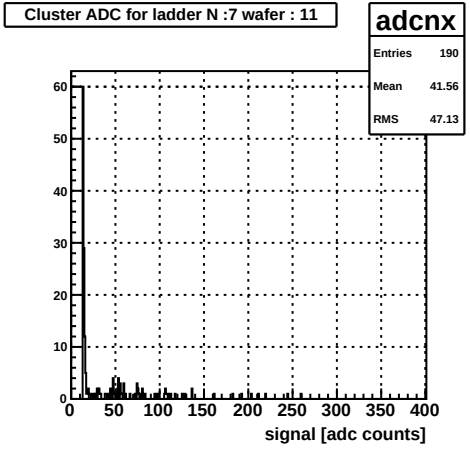

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 1664
Mean 36.44
RMS 40.83
signal [adc counts]

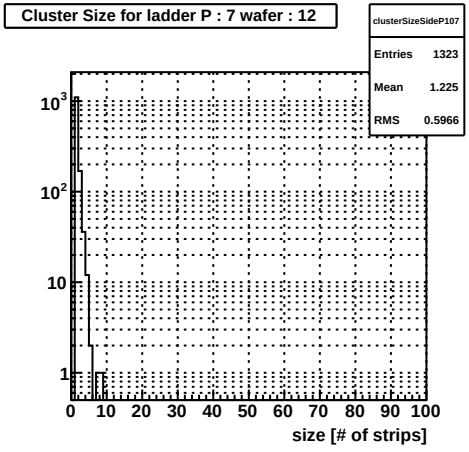

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 338
Mean 1.228
RMS 0.5845
size [# of strips]

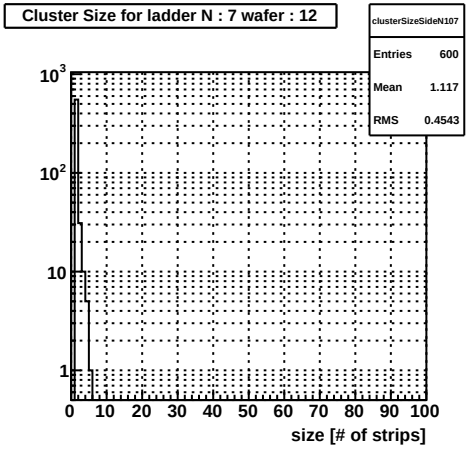

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 190
Mean 1.337
RMS 0.6259
size [# of strips]

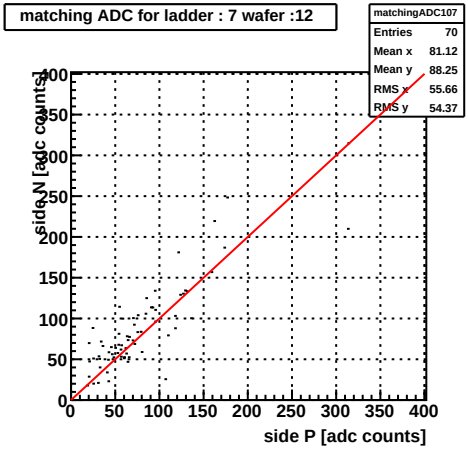

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

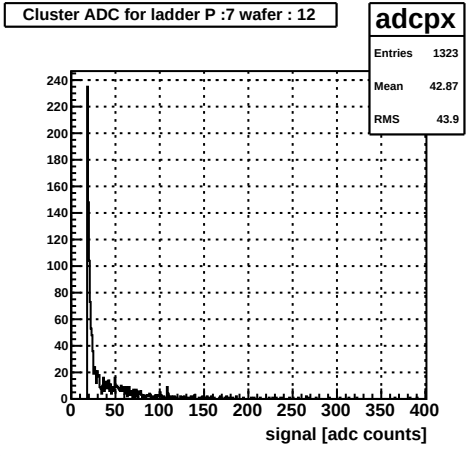

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 338
Mean 38.69
RMS 46.97
signal [adc counts]

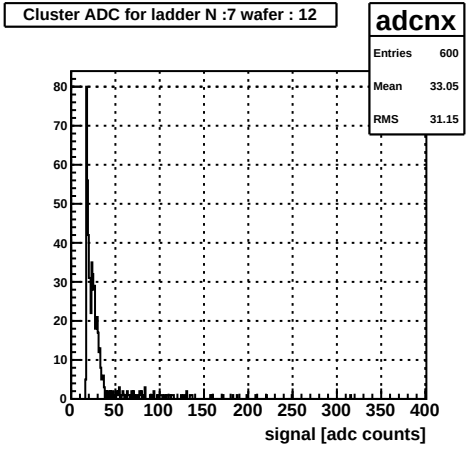

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 190
Mean 41.56
RMS 47.13
signal [adc counts]

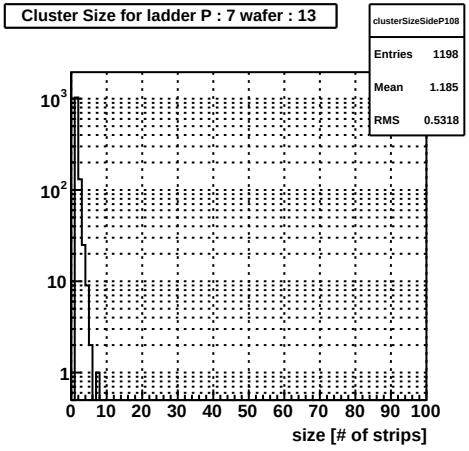

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 1323
Mean 1.225
RMS 0.5966
size [# of strips]

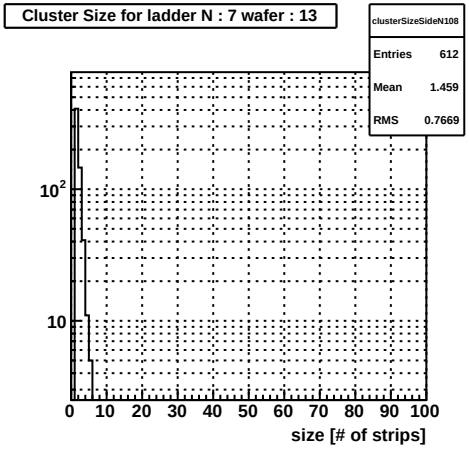

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 600
Mean 1.117
RMS 0.4543
size [# of strips]

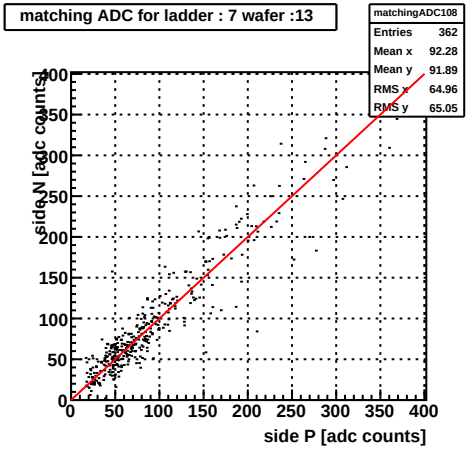

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 70
Mean x 81.12
Mean y 88.25
RMS x 55.66
RMS y 54.37
side N [adc counts]
side P [adc counts]

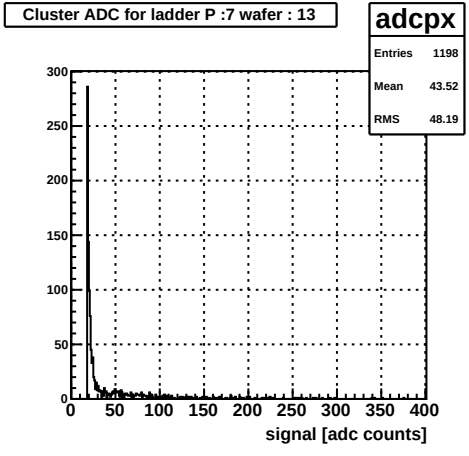

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 1323
Mean 42.87
RMS 43.9
signal [adc counts]

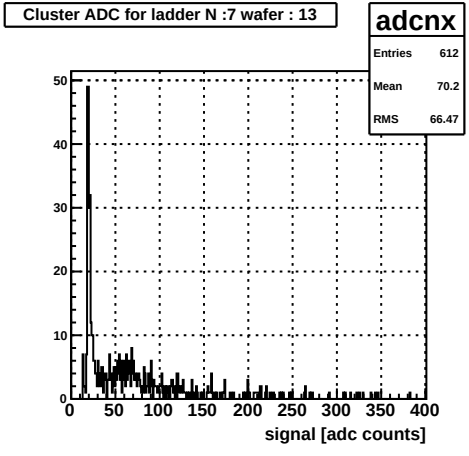

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 600
Mean 33.05
RMS 31.15
signal [adc counts]

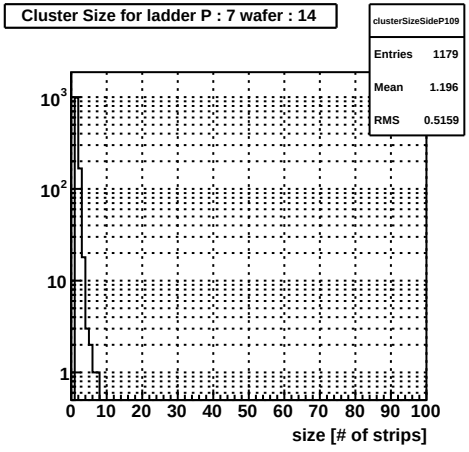

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 1198
Mean 1.185
RMS 0.5318
size [# of strips]

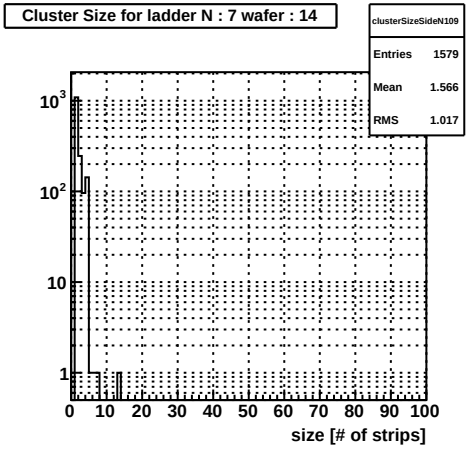

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 612
Mean 1.459
RMS 0.7669
size [# of strips]

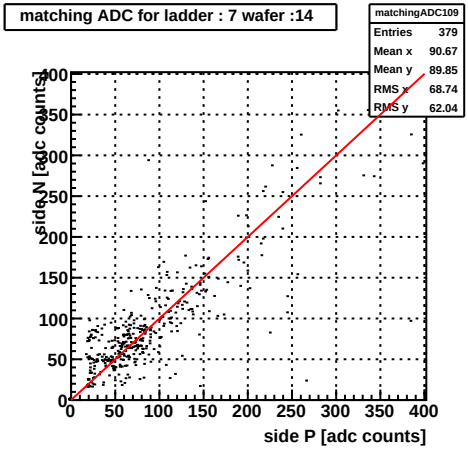

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 362
Mean x 92.28
Mean y 91.89
RMS x 64.96
RMS y 65.05
side N [adc counts]
side P [adc counts]

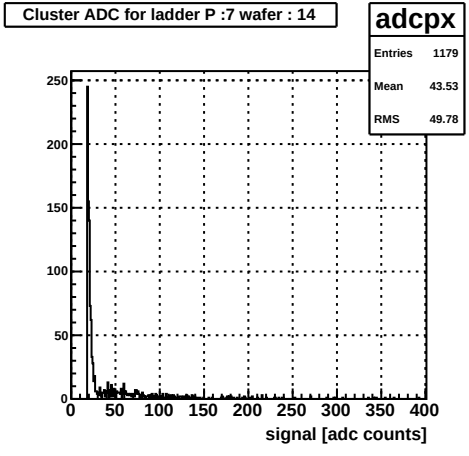

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 1198
Mean 43.52
RMS 48.19
signal [adc counts]

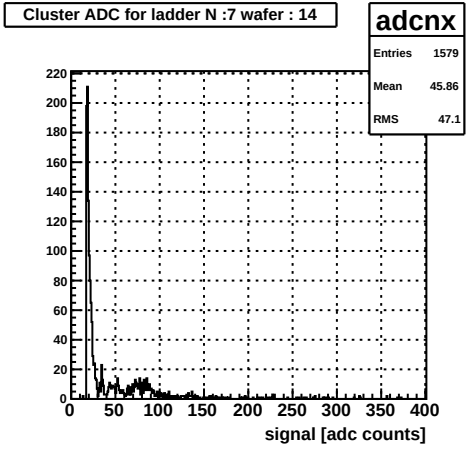

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 612
Mean 70.2
RMS 66.47
signal [adc counts]

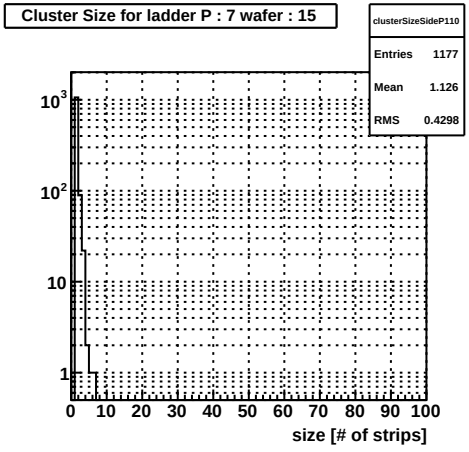

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 1179
Mean 1.196
RMS 0.5159
size [# of strips]

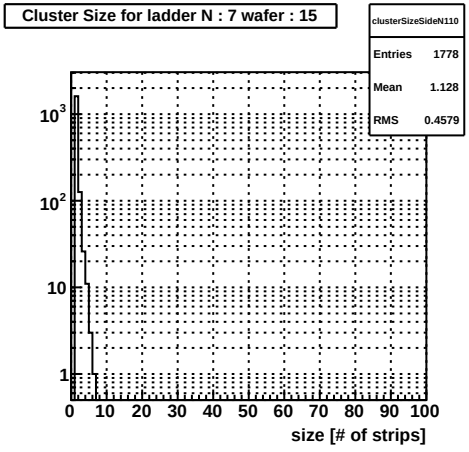

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 1579
Mean 1.566
RMS 1.017
size [# of strips]

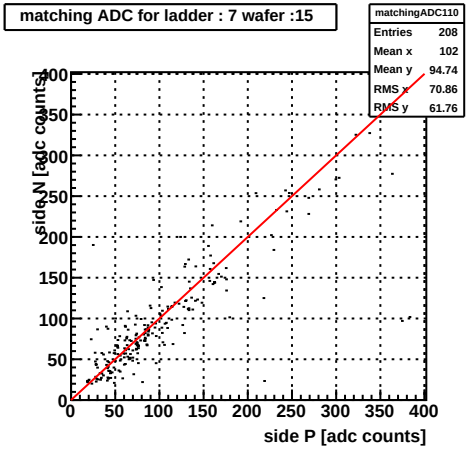

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 379
Mean x 90.67
Mean y 89.85
RMS x 68.74
RMS y 62.04
side N [adc counts]
side P [adc counts]

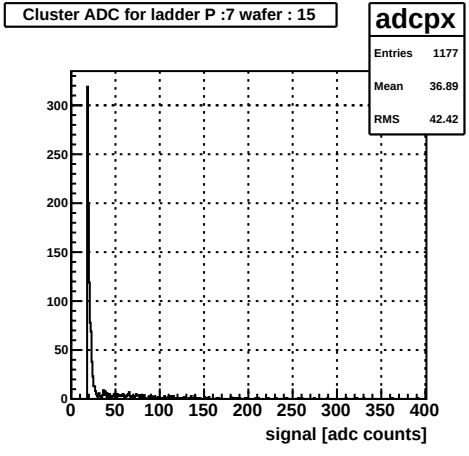

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 1179
Mean 43.53
RMS 49.78
signal [adc counts]

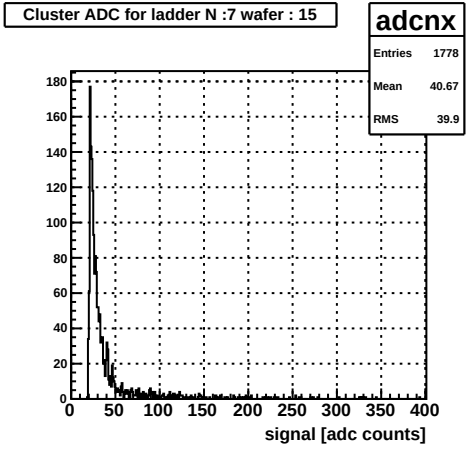

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 1579
Mean 45.86
RMS 47.1
signal [adc counts]

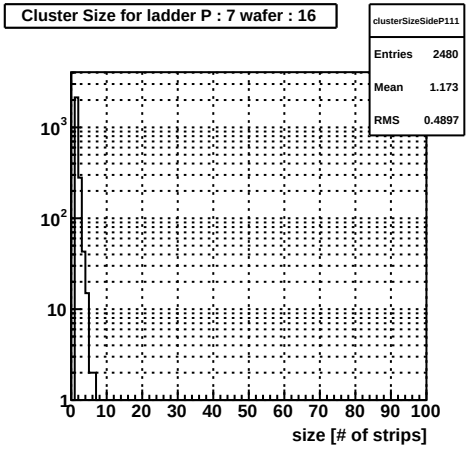

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 1177
Mean 1.126
RMS 0.4298
size [# of strips]

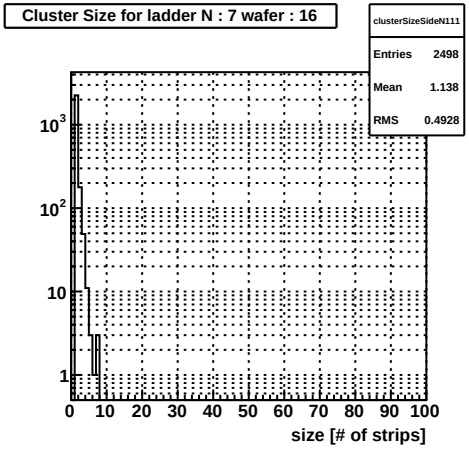

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 1778
Mean 1.128
RMS 0.4579
size [# of strips]

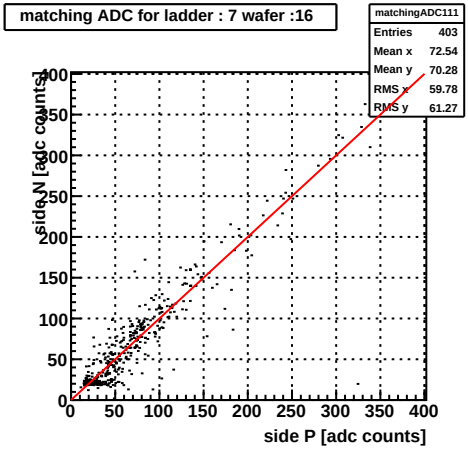

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 208
Mean x 102
Mean y 94.74
RMS x 70.86
RMS y 61.76
side N [adc counts]
side P [adc counts]

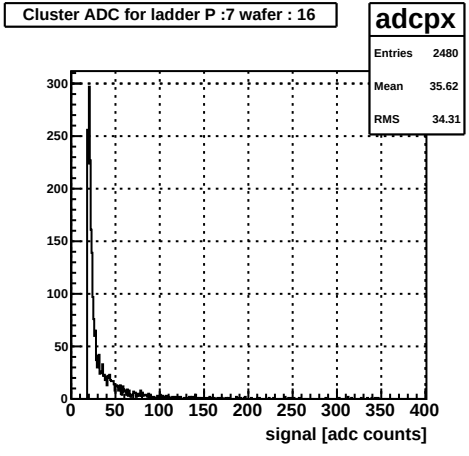

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 1177
Mean 36.89
RMS 42.42
signal [adc counts]

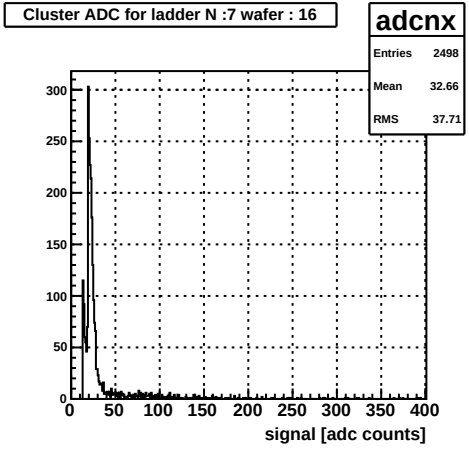

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 1778
Mean 40.67
RMS 39.9
signal [adc counts]

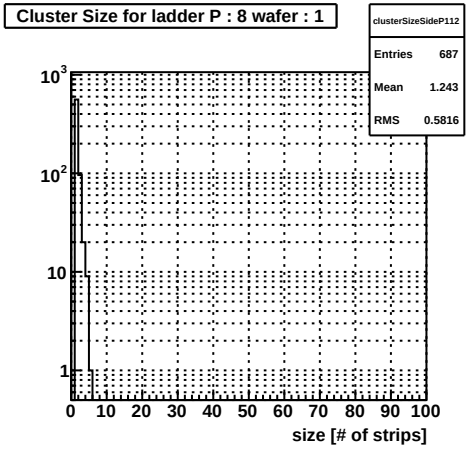

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 2480
Mean 1.173
RMS 0.4897
size [# of strips]

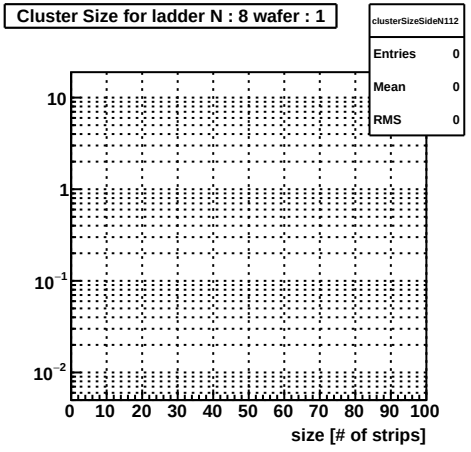

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 2498
Mean 1.138
RMS 0.4928
size [# of strips]

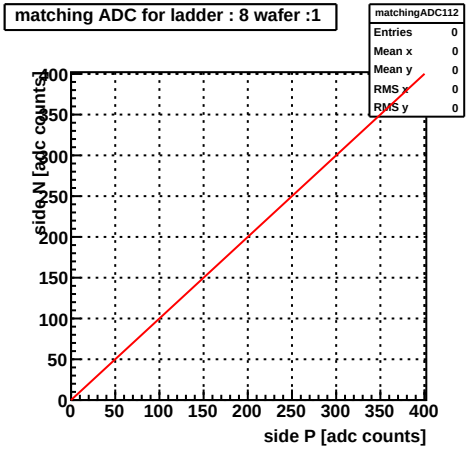

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 403
Mean x 72.54
Mean y 70.28
RMS x 59.78
RMS y 61.27
side N [adc counts]
side P [adc counts]

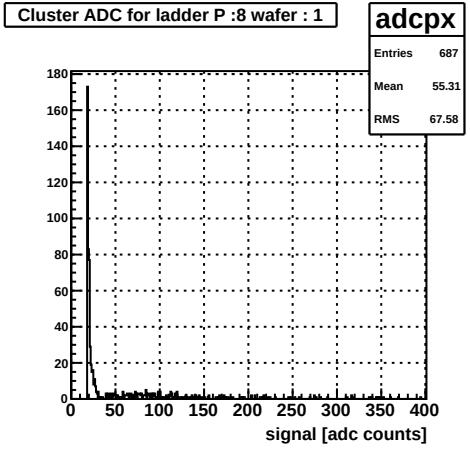

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 2480
Mean 35.62
RMS 34.31
signal [adc counts]

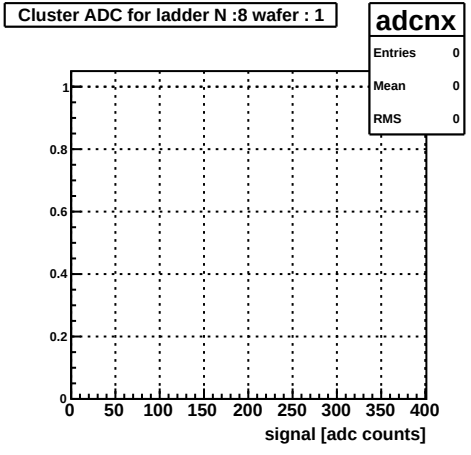

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 2498
Mean 32.66
RMS 37.71
signal [adc counts]

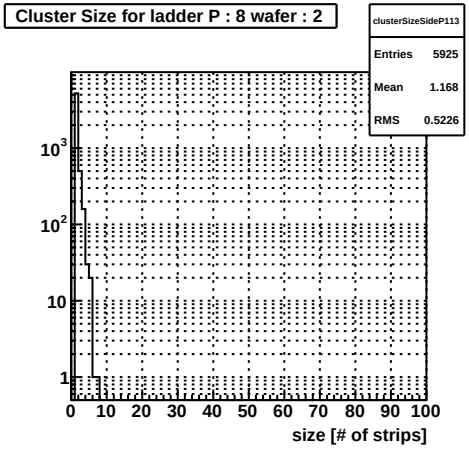

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 687
Mean 1.243
RMS 0.5816
size [# of strips]

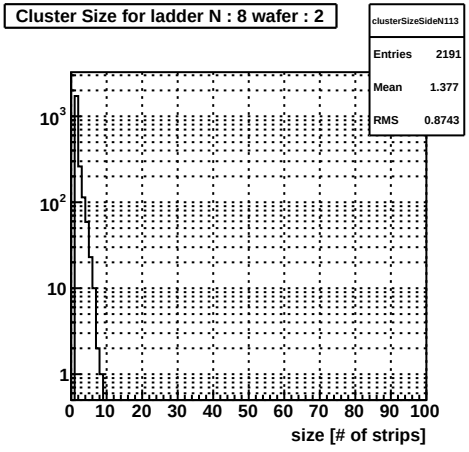

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

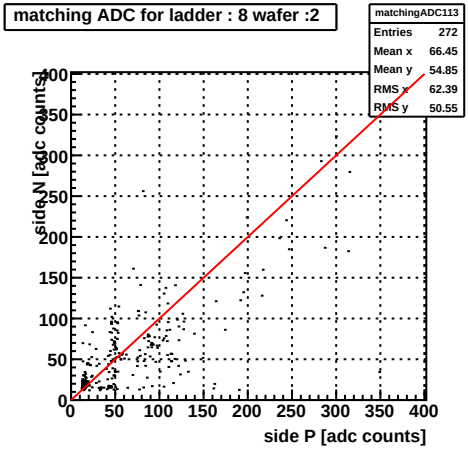

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

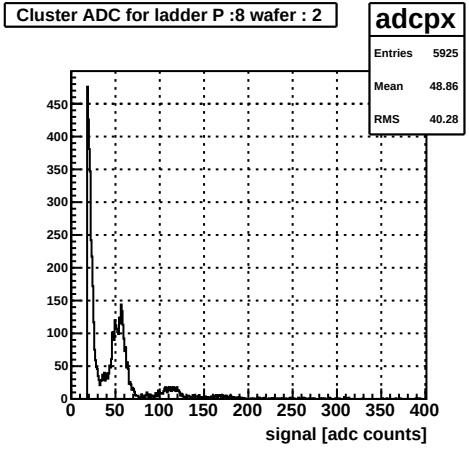

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 687
Mean 55.31
RMS 67.58
signal [adc counts]

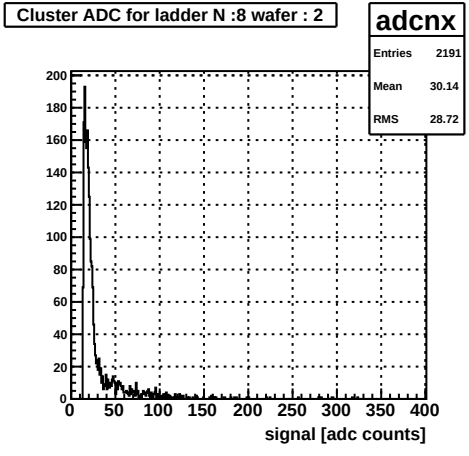

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

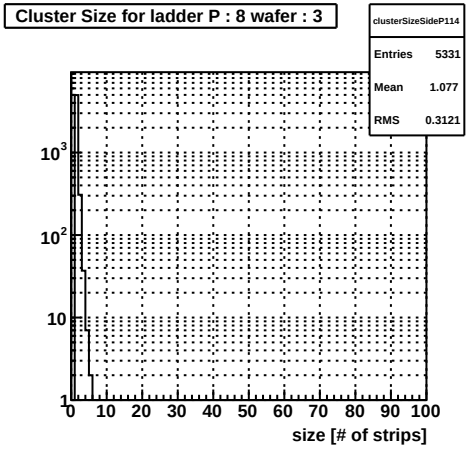

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 5925
Mean 1.168
RMS 0.5226
size [# of strips]

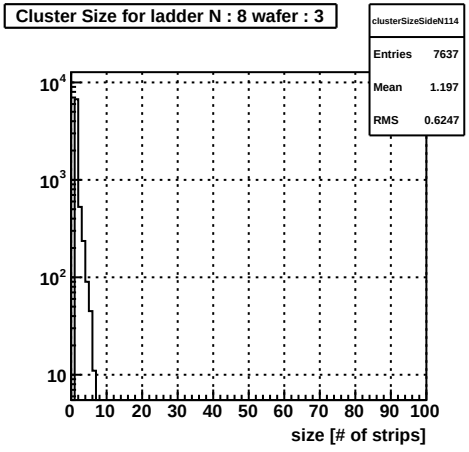

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 2191
Mean 1.377
RMS 0.8743
size [# of strips]

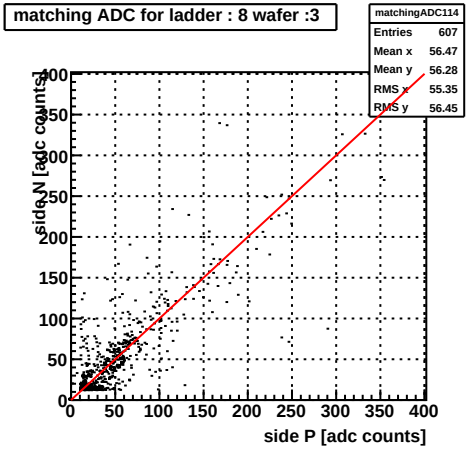

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 272
Mean x 66.45
Mean y 54.85
RMS x 62.39
RMS y 50.55
side N [adc counts]
side P [adc counts]

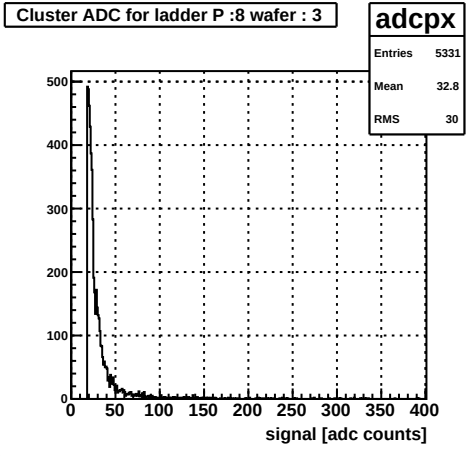

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 5925
Mean 48.86
RMS 40.28
signal [adc counts]

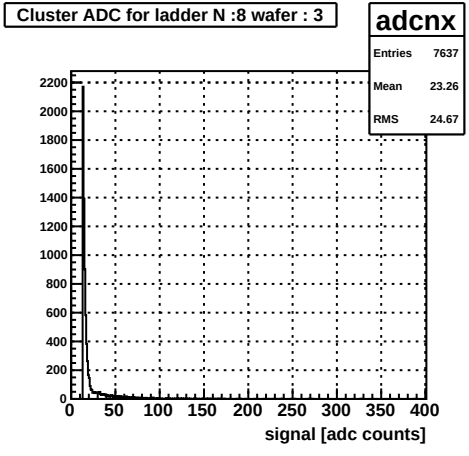

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 2191
Mean 30.14
RMS 28.72
signal [adc counts]

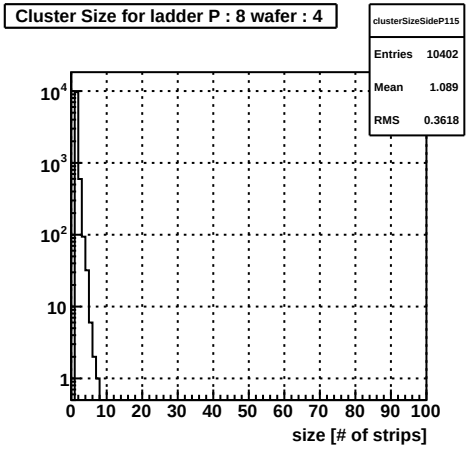

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 5331
Mean 1.077
RMS 0.3121
size [# of strips]

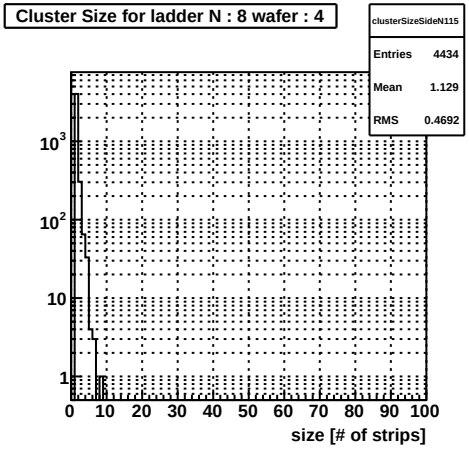

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 7637
Mean 1.197
RMS 0.6247
size [# of strips]

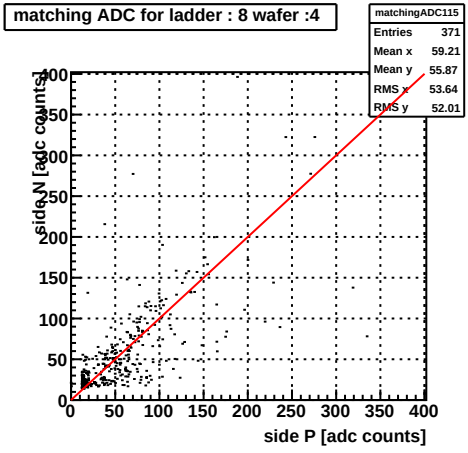

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 607
Mean x 56.47
Mean y 56.28
RMS x 55.35
RMS y 56.45
side N [adc counts]
side P [adc counts]

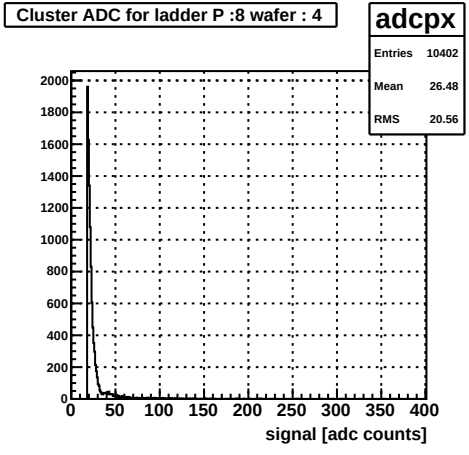

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 5331
Mean 32.8
RMS 30
signal [adc counts]

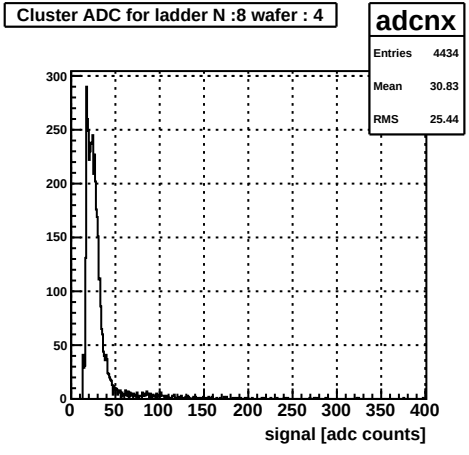

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 7637
Mean 23.26
RMS 24.67
signal [adc counts]

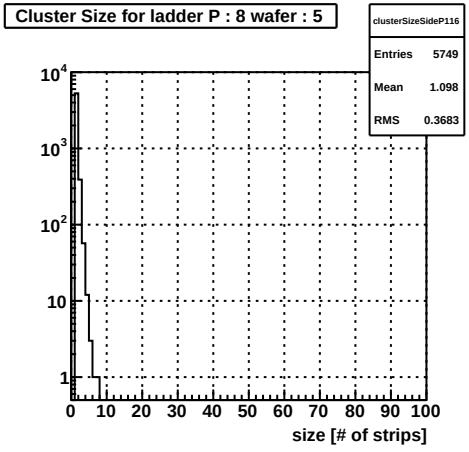

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 10402
Mean 1.089
RMS 0.3618
size [# of strips]

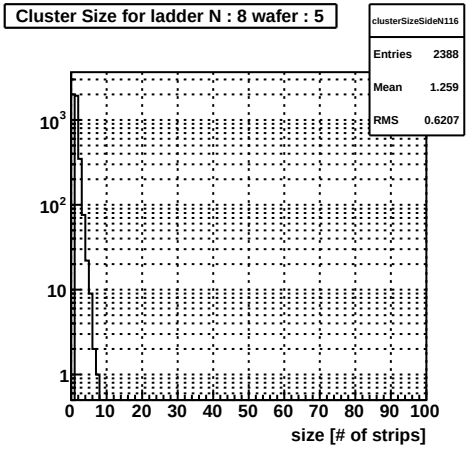

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 4434
Mean 1.129
RMS 0.4692
size [# of strips]

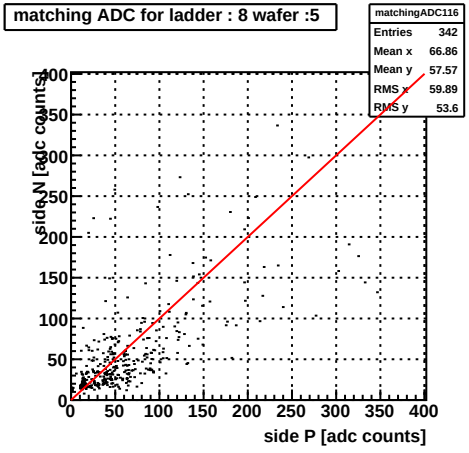

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 371
Mean x 59.21
Mean y 55.87
RMS x 53.64
RMS y 52.01
side N [adc counts]
side P [adc counts]

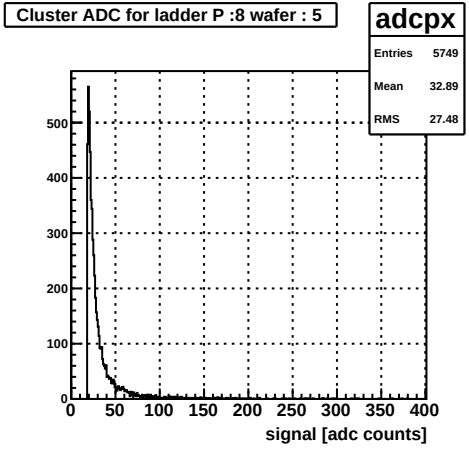

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 10402
Mean 26.48
RMS 20.56
signal [adc counts]

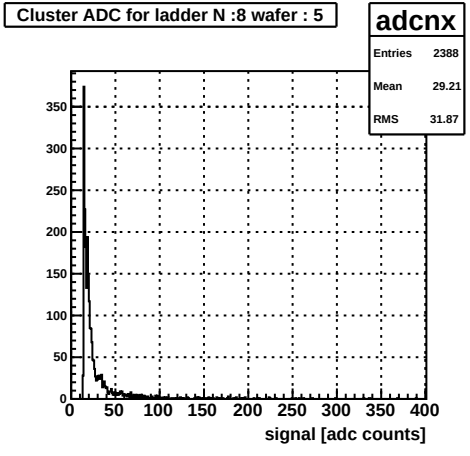

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 4434
Mean 30.83
RMS 25.44
signal [adc counts]

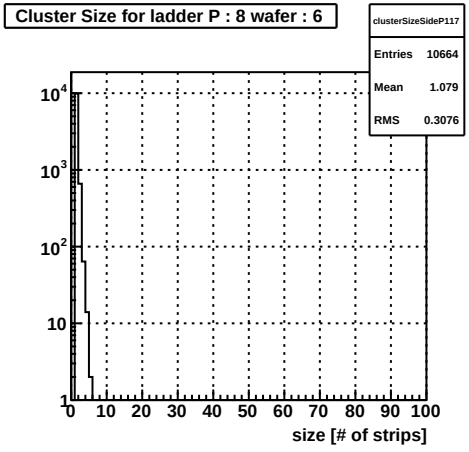

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 5749
Mean 1.098
RMS 0.3683
size [# of strips]

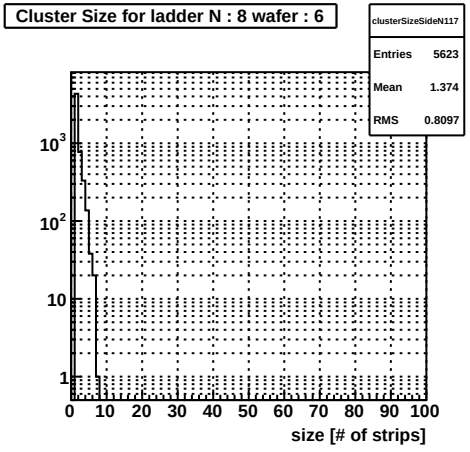

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 2388
Mean 1.259
RMS 0.6207
size [# of strips]

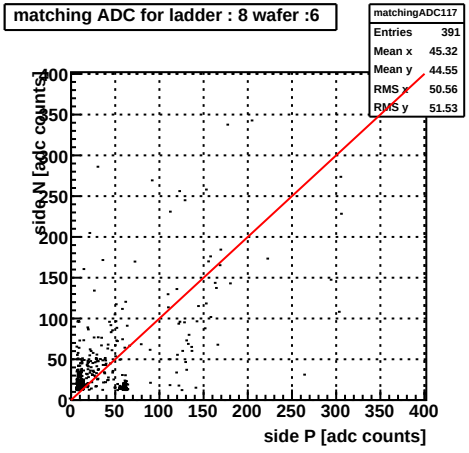

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 342
Mean x 66.86
Mean y 57.57
RMS x 59.89
RMS y 53.6
side N [adc counts]
side P [adc counts]

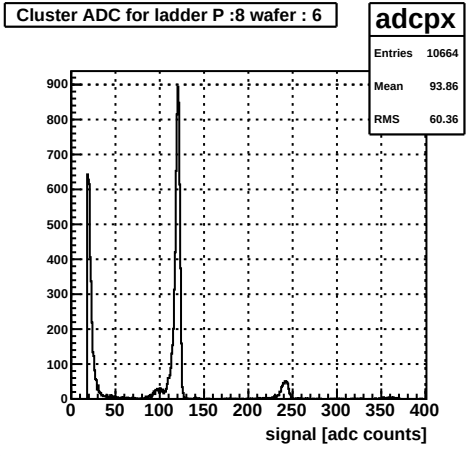

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 5749
Mean 32.89
RMS 27.48
signal [adc counts]

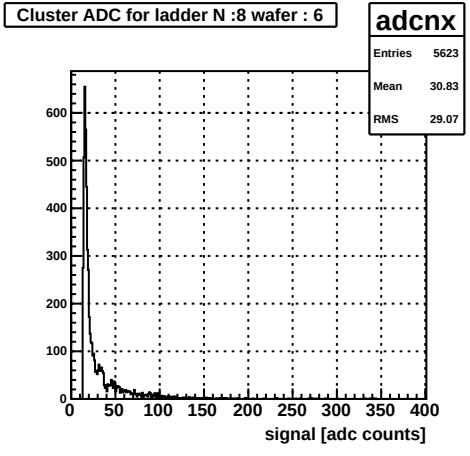

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 2388
Mean 29.21
RMS 31.87
signal [adc counts]

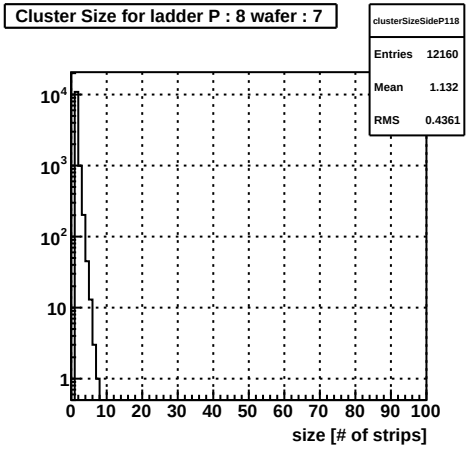

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 10664
Mean 1.079
RMS 0.3076
size [# of strips]

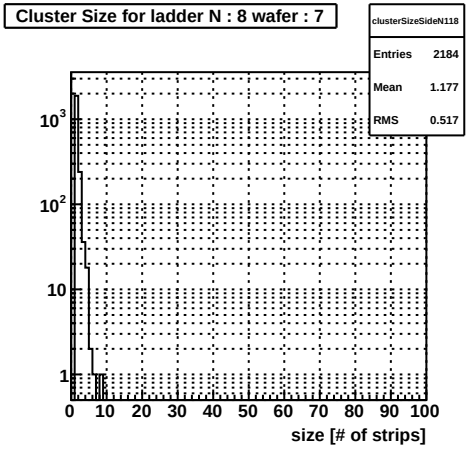

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 5623
Mean 1.374
RMS 0.8097
size [# of strips]

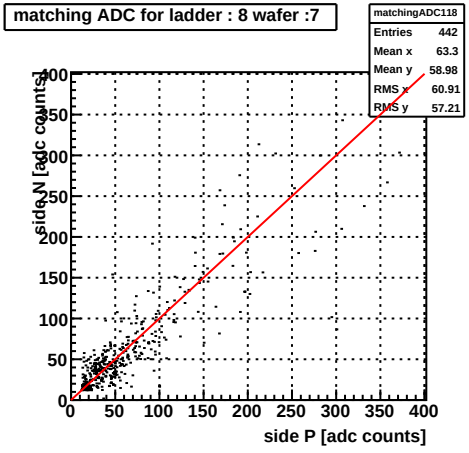

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 391
Mean x 45.32
Mean y 44.55
RMS x 50.56
RMS y 51.53
side N [adc counts]
side P [adc counts]

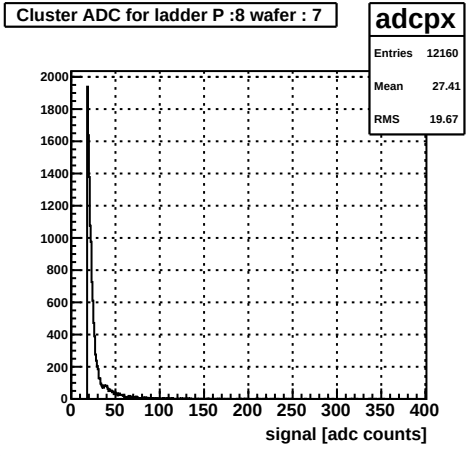

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 10664
Mean 93.86
RMS 60.36
signal [adc counts]

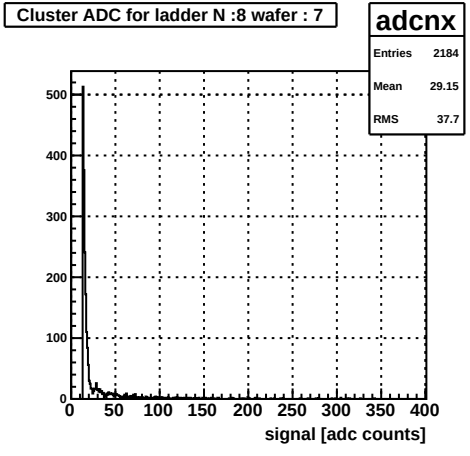

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 5623
Mean 30.83
RMS 29.07
signal [adc counts]

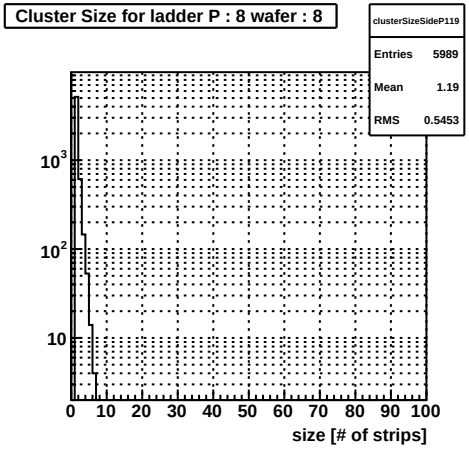

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 12160
Mean 1.132
RMS 0.4361
size [# of strips]

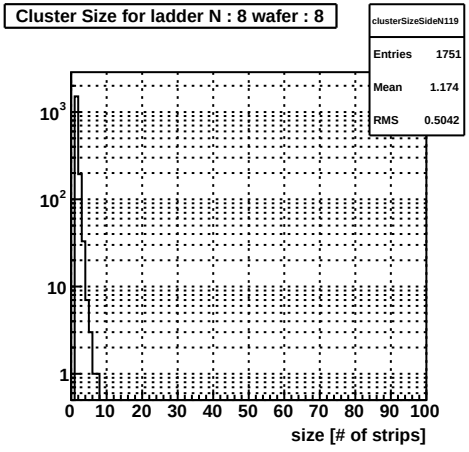

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 2184
Mean 1.177
RMS 0.517
size [# of strips]

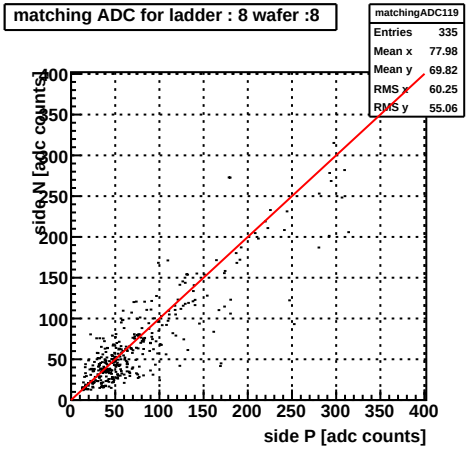

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 442
Mean x 63.3
Mean y 58.98
RMS x 60.91
RMS y 57.21
side N [adc counts]
side P [adc counts]

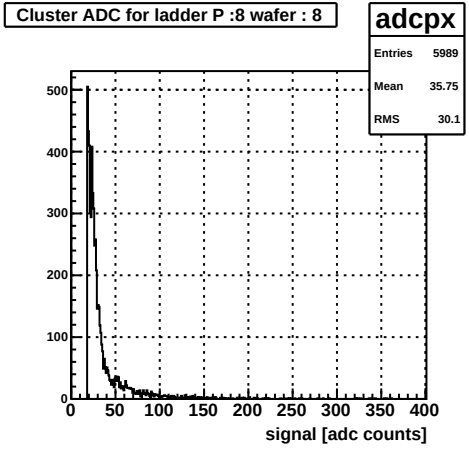

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 12160
Mean 27.41
RMS 19.67
signal [adc counts]

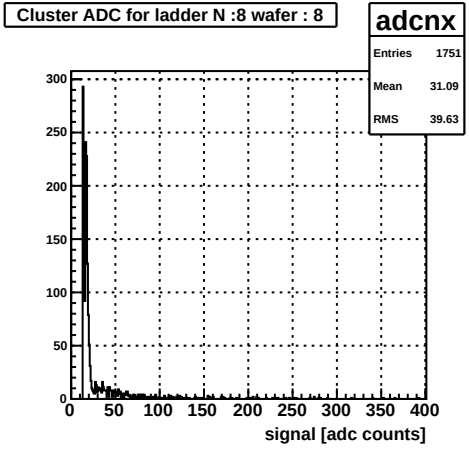

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 2184
Mean 29.15
RMS 37.7
signal [adc counts]

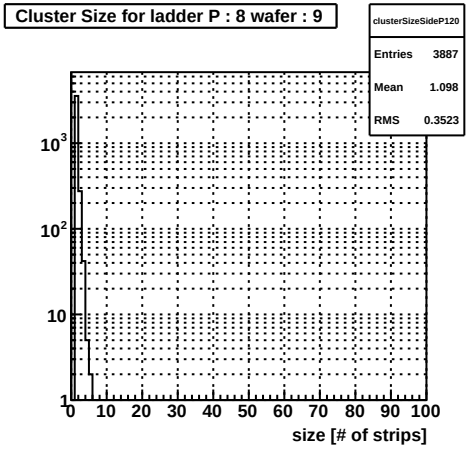

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 5989
Mean 1.19
RMS 0.5453
size [# of strips]

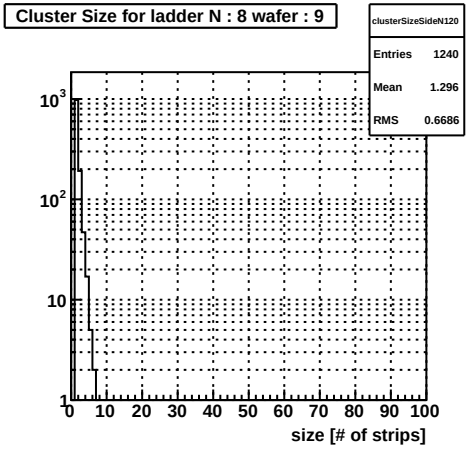

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 1751
Mean 1.174
RMS 0.5042
size [# of strips]

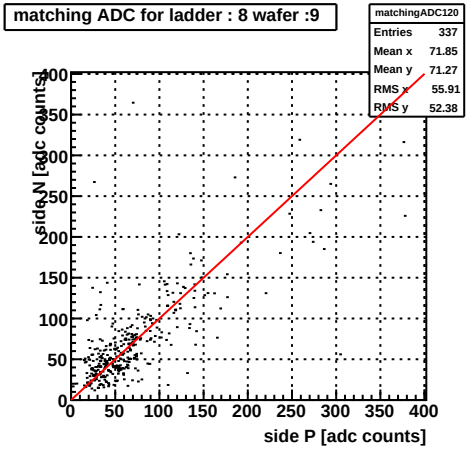

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 335
Mean x 77.98
Mean y 69.82
RMS x 60.25
RMS y 55.06
side N [adc counts]
side P [adc counts]

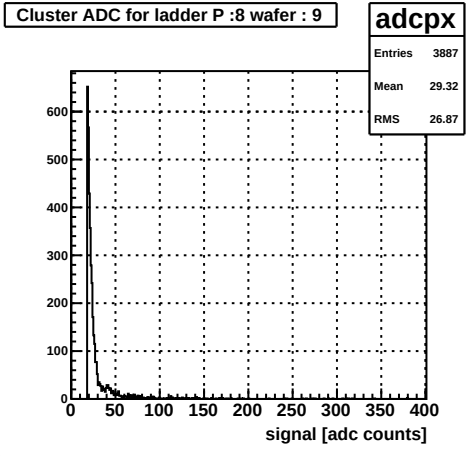

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 5989
Mean 35.75
RMS 30.1
signal [adc counts]

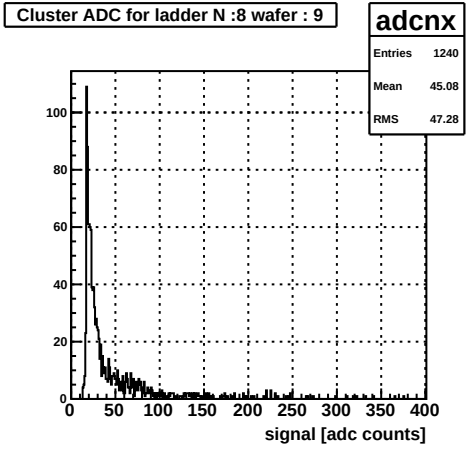

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 1751
Mean 31.09
RMS 39.63
signal [adc counts]

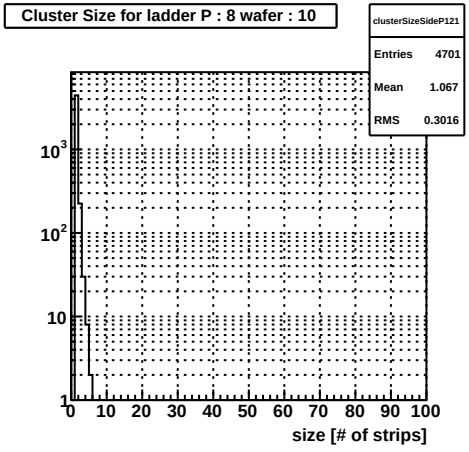

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 3887
Mean 1.098
RMS 0.3523
size [# of strips]

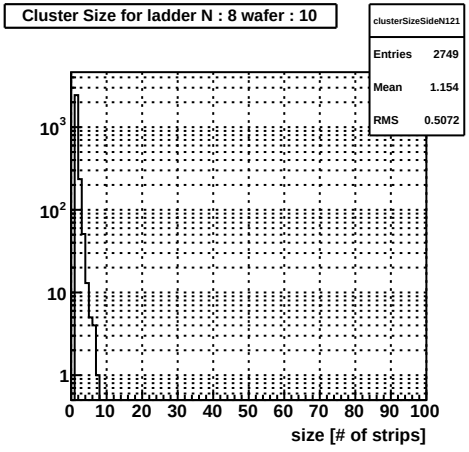

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 1240
Mean 1.296
RMS 0.6686
size [# of strips]

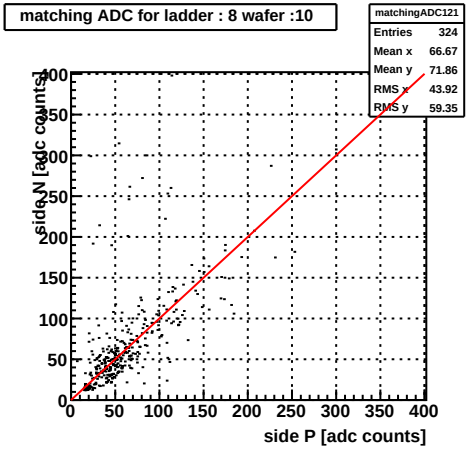

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 337
Mean x 71.85
Mean y 71.27
RMS x 55.91
RMS y 52.38
side N [adc counts]
side P [adc counts]

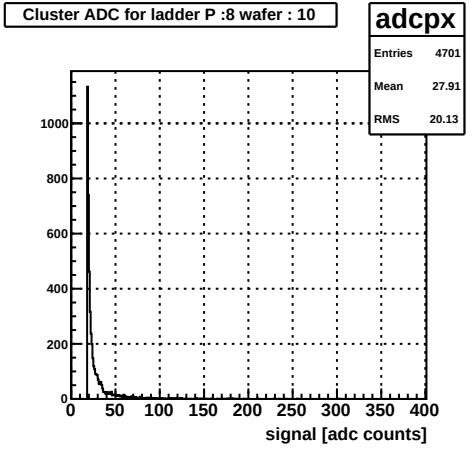

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 3887
Mean 29.32
RMS 26.87
signal [adc counts]

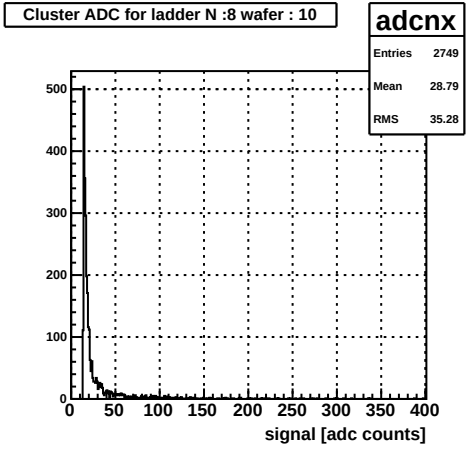

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 1240
Mean 45.08
RMS 47.28
signal [adc counts]

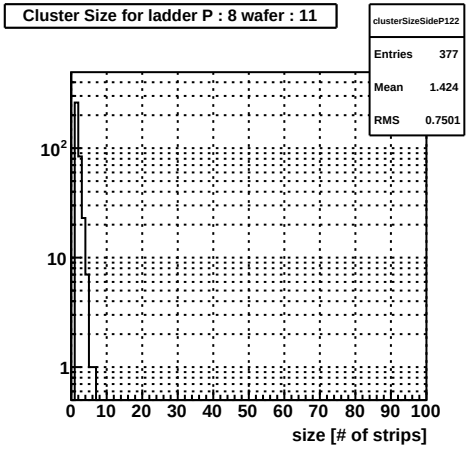

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 4701
Mean 1.067
RMS 0.3016
size [# of strips]

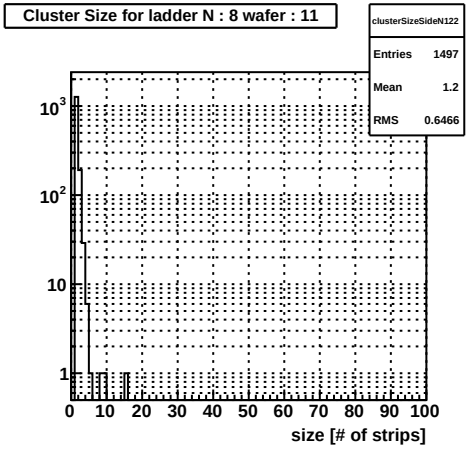

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 2749
Mean 1.154
RMS 0.5072
size [# of strips]

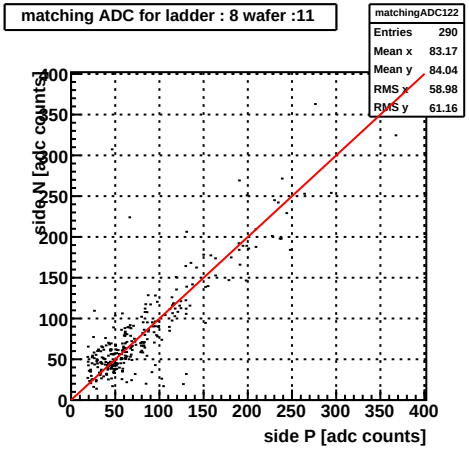

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 324
Mean x 66.67
Mean y 71.86
RMS x 43.92
RMS y 59.35
side N [adc counts]
side P [adc counts]

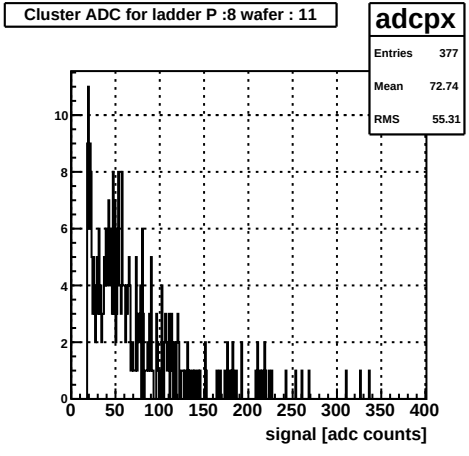

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 4701
Mean 27.91
RMS 20.13
signal [adc counts]

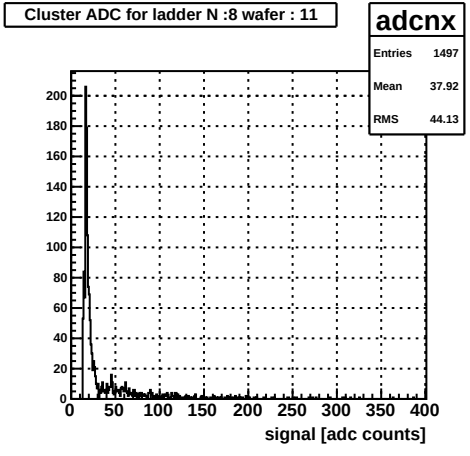

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 2749
Mean 28.79
RMS 35.28
signal [adc counts]

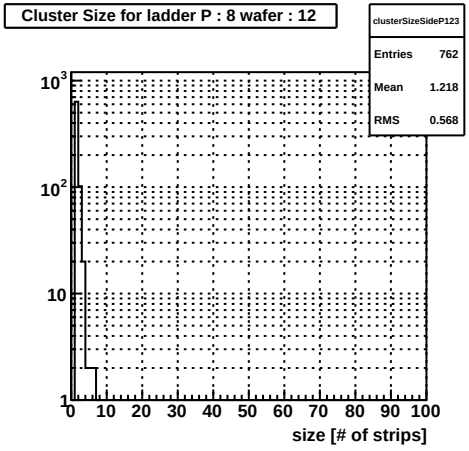

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 377
Mean 1.424
RMS 0.7501
size [# of strips]

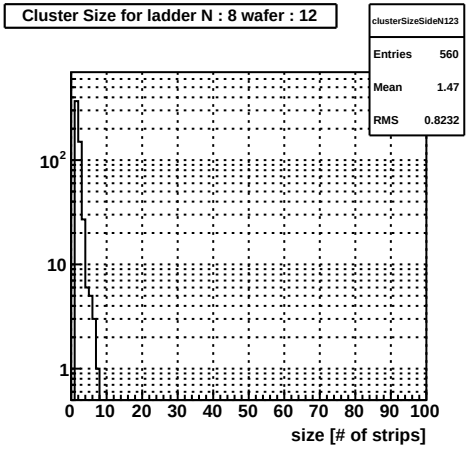

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 1497
Mean 1.2
RMS 0.6466
size [# of strips]

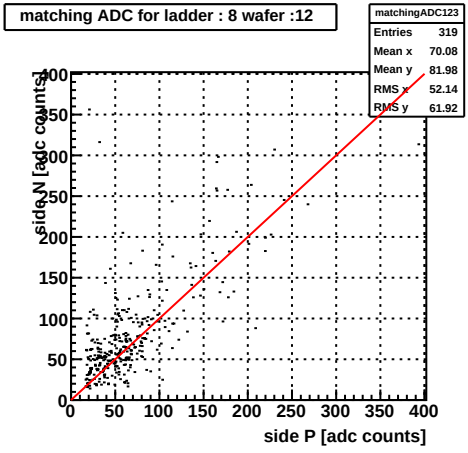

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 290
Mean x 83.17
Mean y 84.04
RMS x 58.98
RMS y 61.16
side N [adc counts]
side P [adc counts]

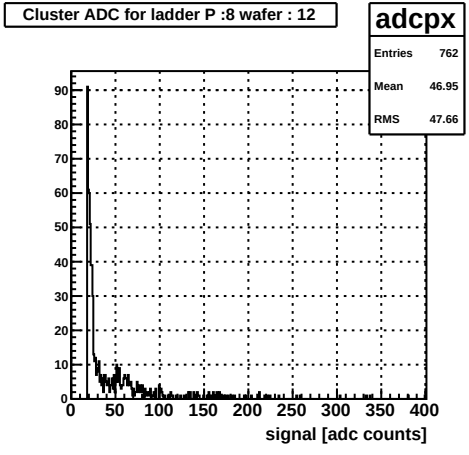

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 377
Mean 72.74
RMS 55.31
signal [adc counts]

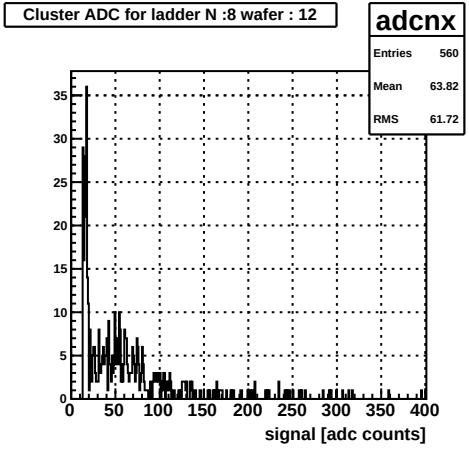

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 1497
Mean 37.92
RMS 44.13
signal [adc counts]

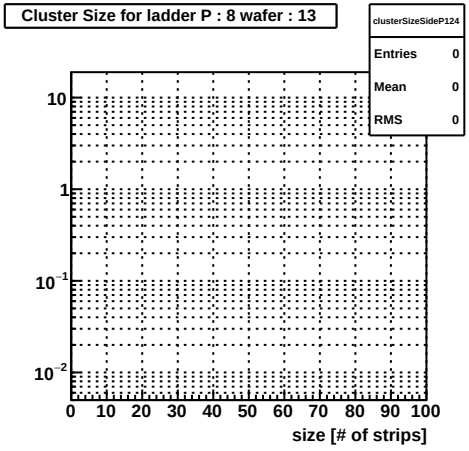

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 762
Mean 1.218
RMS 0.568
size [# of strips]

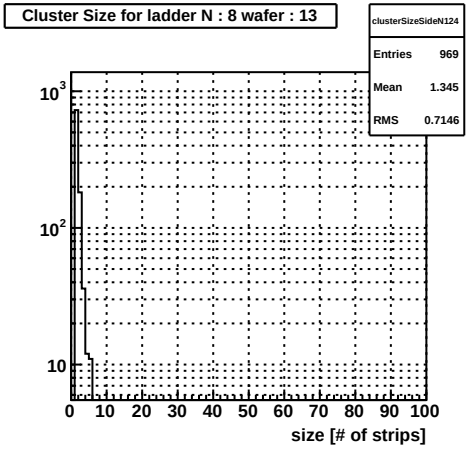

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 560
Mean 1.47
RMS 0.8232
size [# of strips]

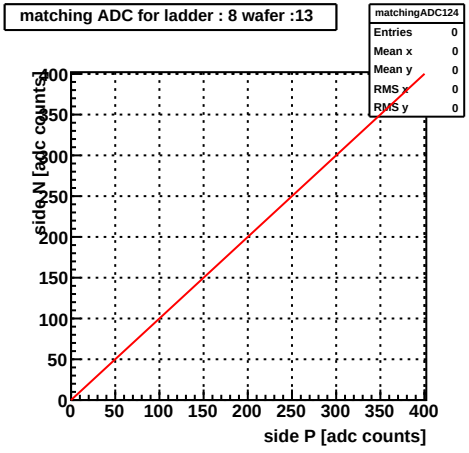

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 319
Mean x 70.08
Mean y 81.98
RMS x 52.14
RMS y 61.92
side N [adc counts]
side P [adc counts]

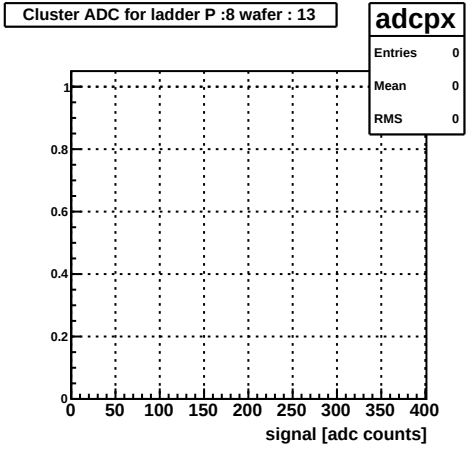

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 762
Mean 46.95
RMS 47.66
signal [adc counts]

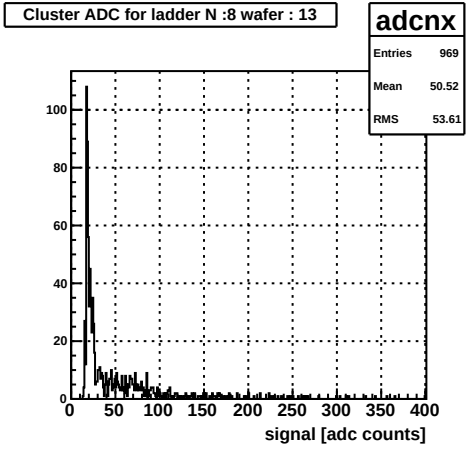

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 560
Mean 63.82
RMS 61.72
signal [adc counts]

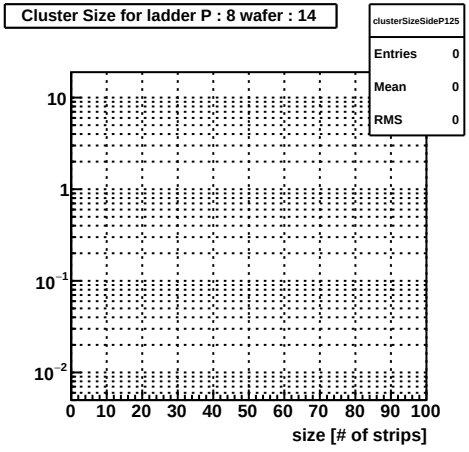

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

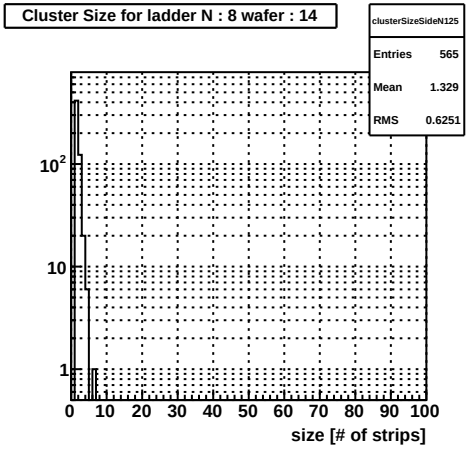

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 969
Mean 1.345
RMS 0.7146
size [# of strips]

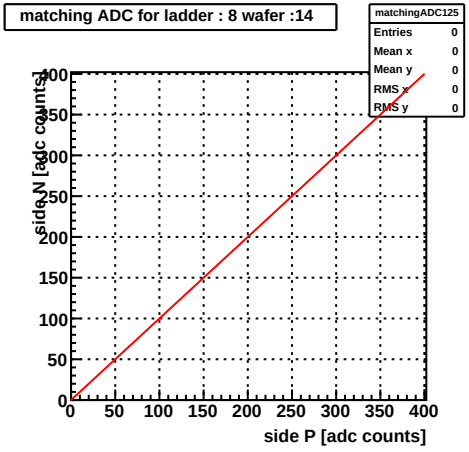

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

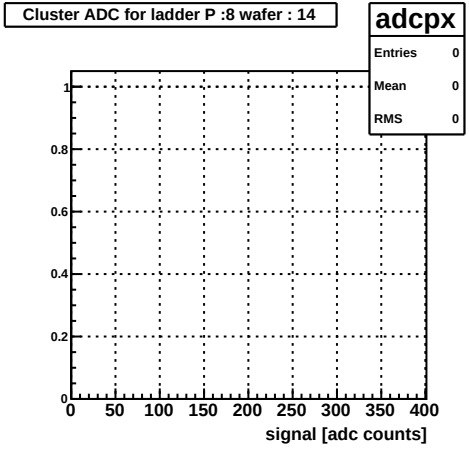

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

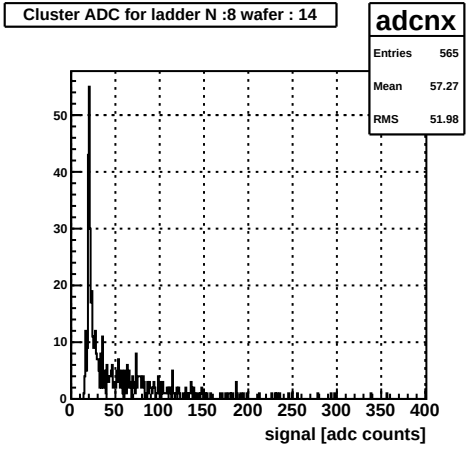

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 969
Mean 50.52
RMS 53.61
signal [adc counts]

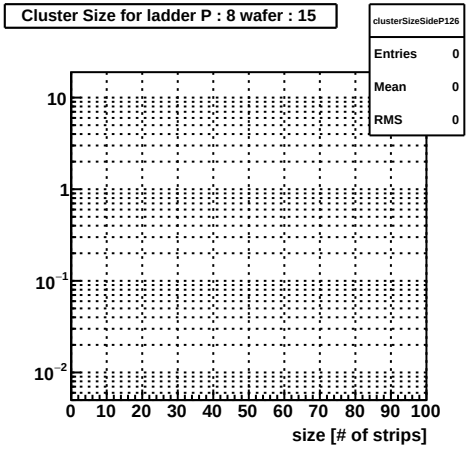

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

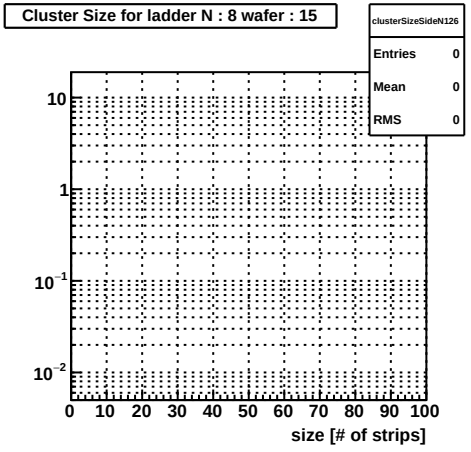

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 565
Mean 1.329
RMS 0.6251
size [# of strips]

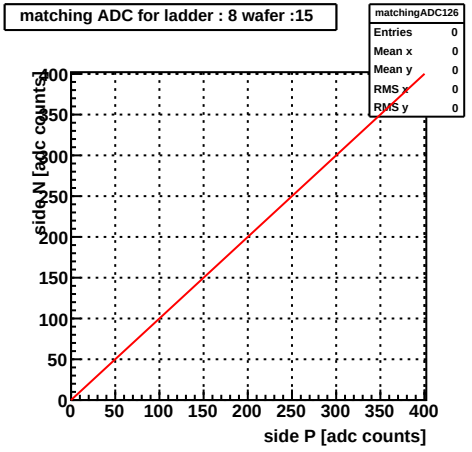

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

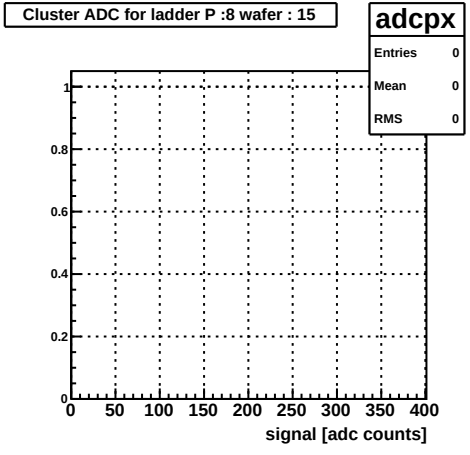

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

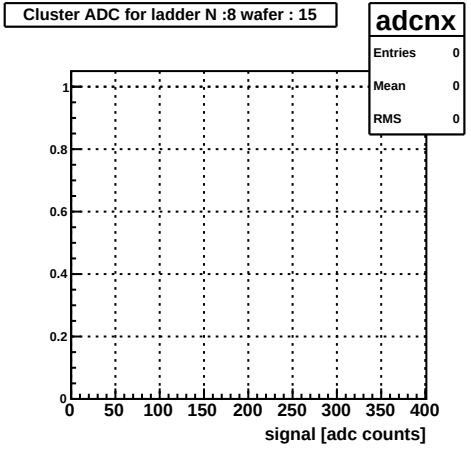

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 565
Mean 57.27
RMS 51.98
signal [adc counts]

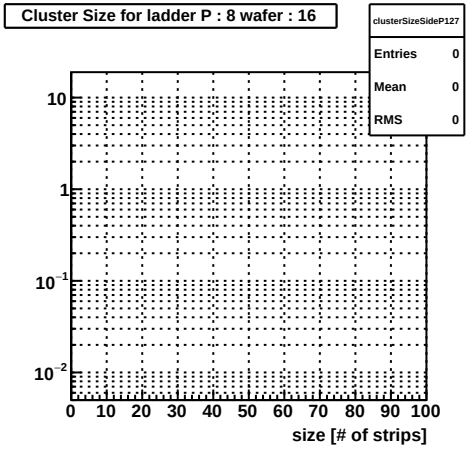

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 0
Mean 0
RMS 0
size [# of strips]

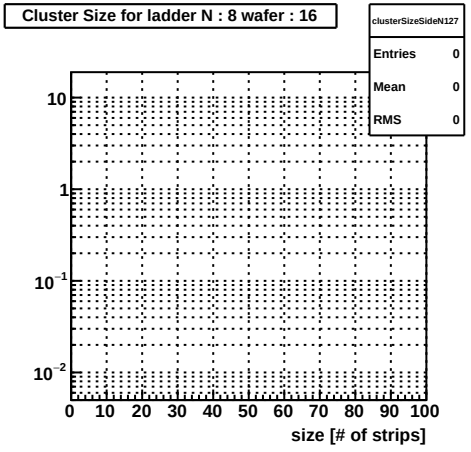

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

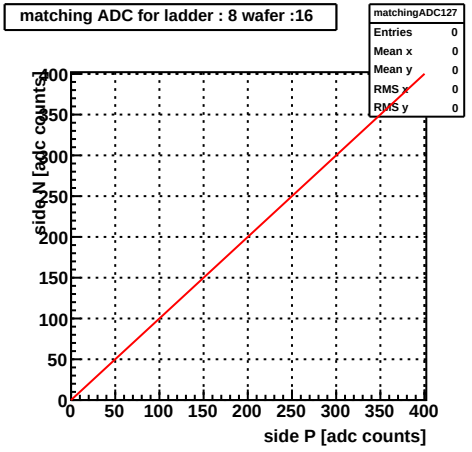

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

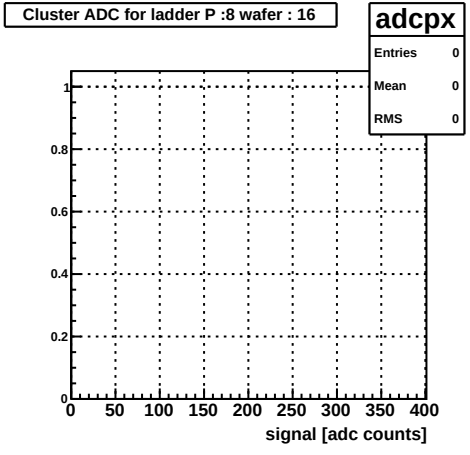

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

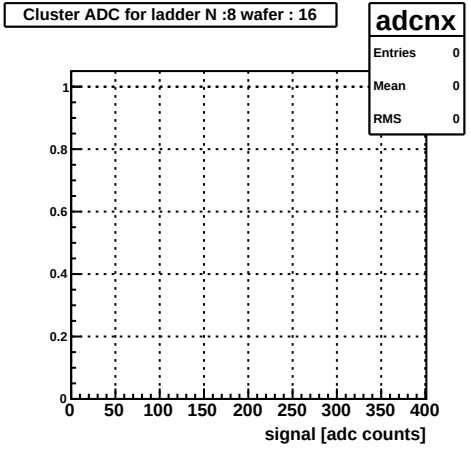

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

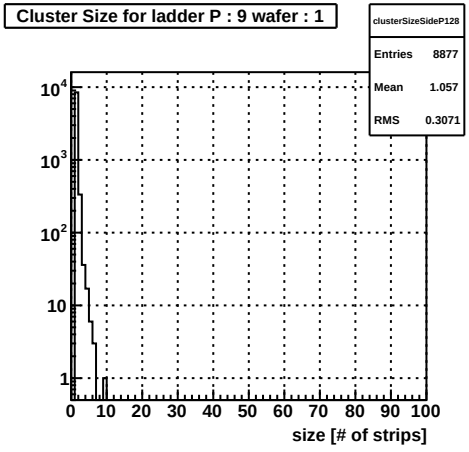

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

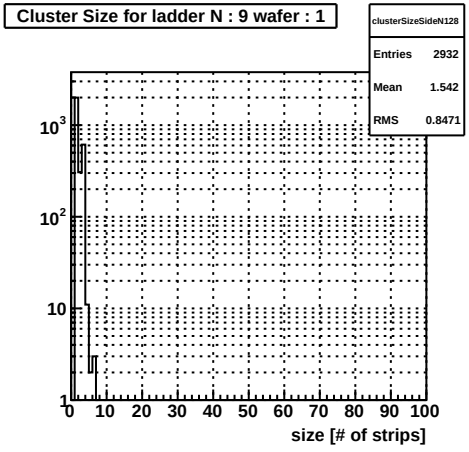

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

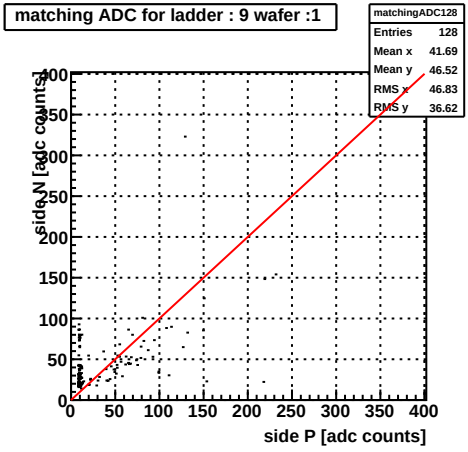

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

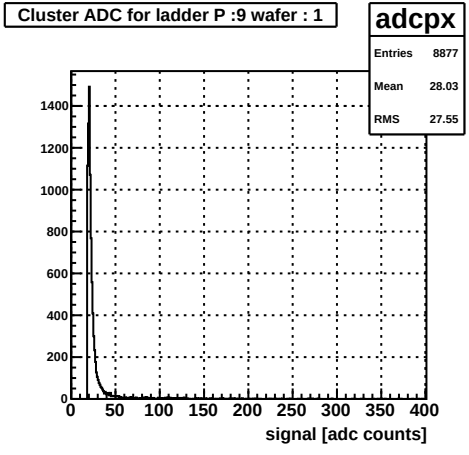

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

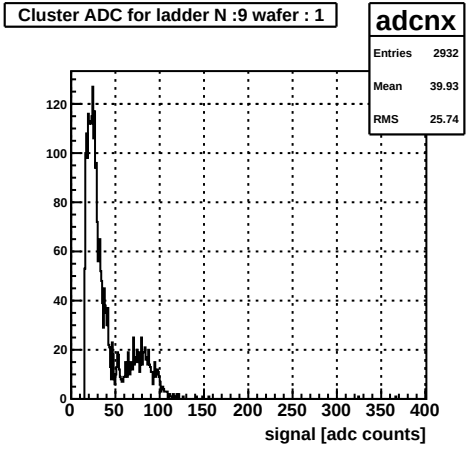

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

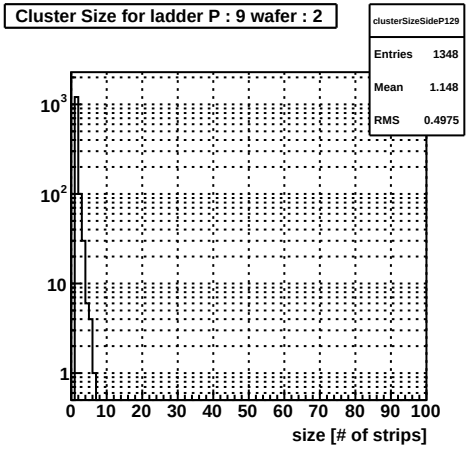

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 8877
Mean 1.057
RMS 0.3071
size [# of strips]

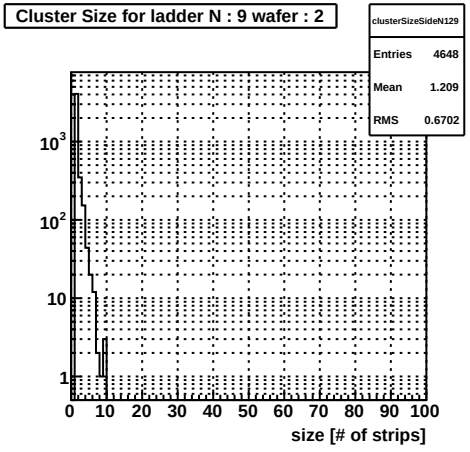

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 2932
Mean 1.542
RMS 0.8471
size [# of strips]

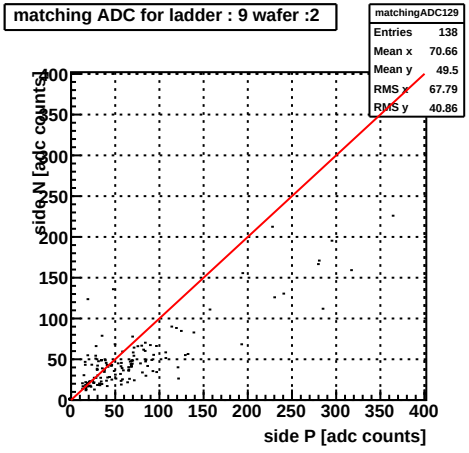

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 128
Mean x 41.69
Mean y 46.52
RMS x 46.83
RMS y 36.62
side N [adc counts]
side P [adc counts]

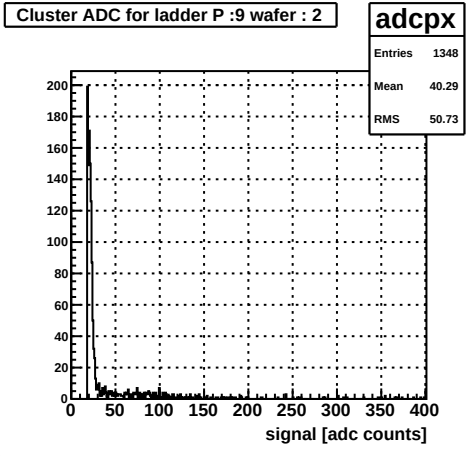

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 8877
Mean 28.03
RMS 27.55
signal [adc counts]

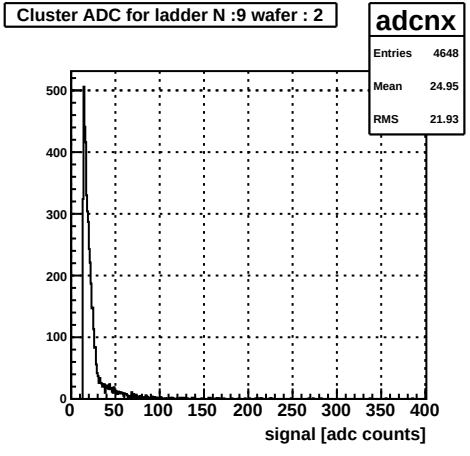

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 2932
Mean 39.93
RMS 25.74
signal [adc counts]

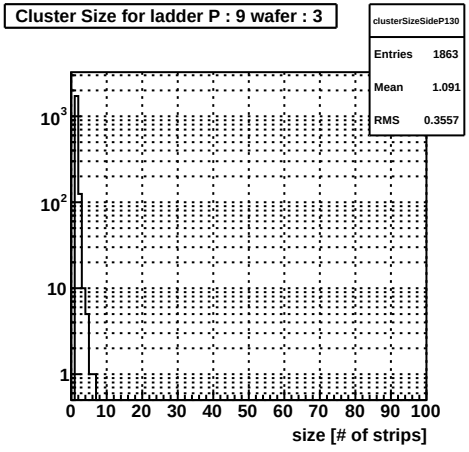

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 1348
Mean 1.148
RMS 0.4975
size [# of strips]

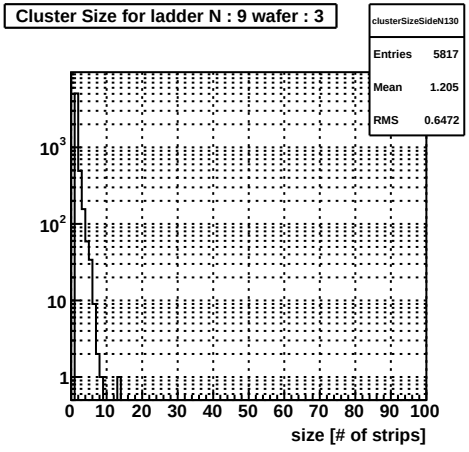

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 4648
Mean 1.209
RMS 0.6702
size [# of strips]

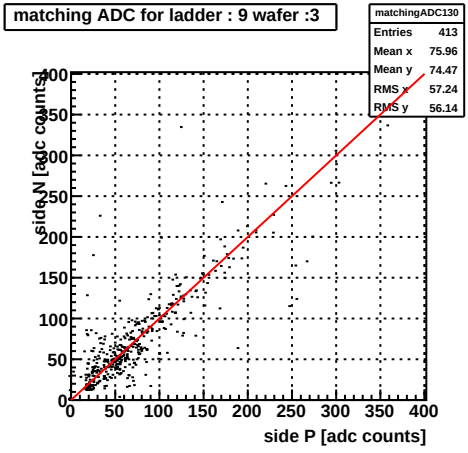

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 138
Mean x 70.66
Mean y 49.5
RMS x 67.79
RMS y 40.86
side N [adc counts]
side P [adc counts]

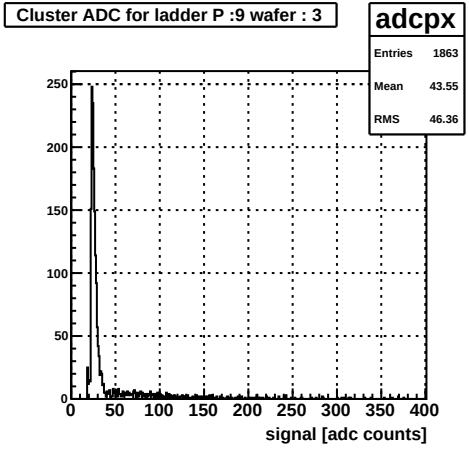

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 1348
Mean 40.29
RMS 50.73
signal [adc counts]

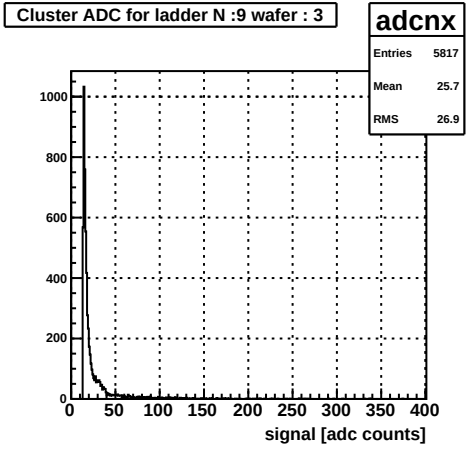

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 4648
Mean 24.95
RMS 21.93
signal [adc counts]

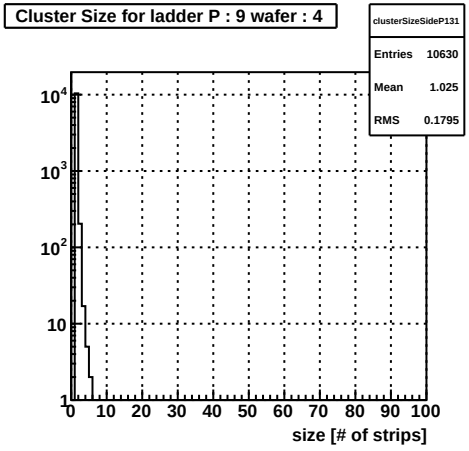

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 1863
Mean 1.091
RMS 0.3557
size [# of strips]

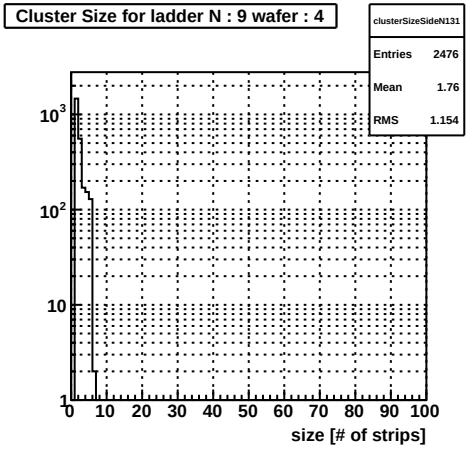

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 5817
Mean 1.205
RMS 0.6472
size [# of strips]

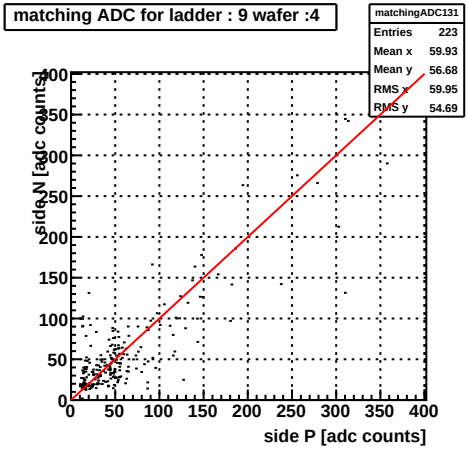

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 413
Mean x 75.96
Mean y 74.47
RMS x 57.24
RMS y 56.14
side N [adc counts]
side P [adc counts]

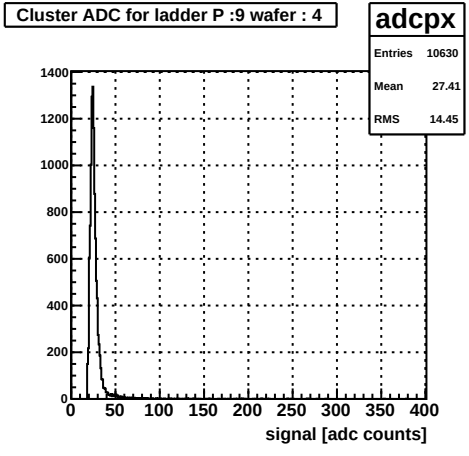

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 1863
Mean 43.55
RMS 46.36
signal [adc counts]

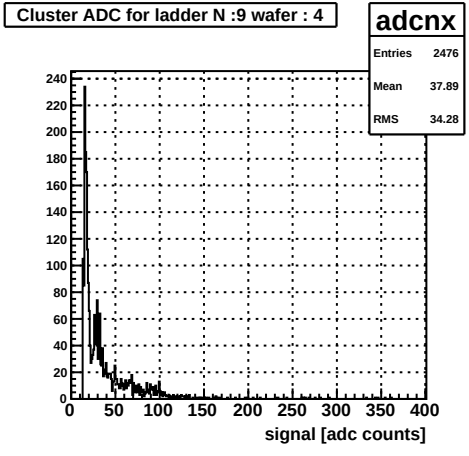

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 5817
Mean 25.7
RMS 26.9
signal [adc counts]

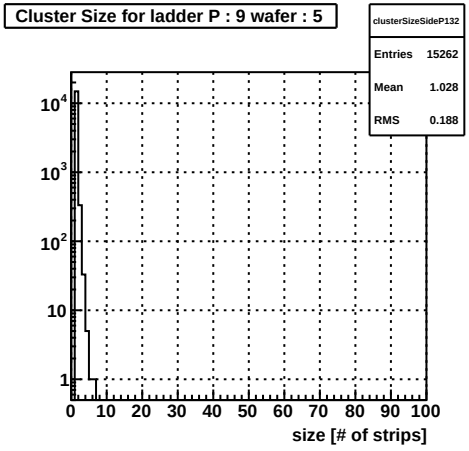

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 10630
Mean 1.025
RMS 0.1795
size [# of strips]

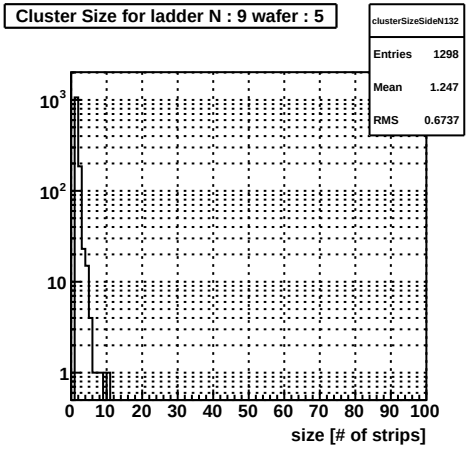

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 2476
Mean 1.76
RMS 1.154
size [# of strips]

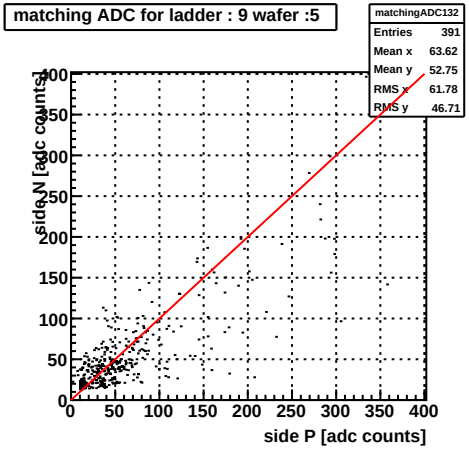

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 223
Mean x 59.93
Mean y 56.68
RMS x 59.95
RMS y 54.69
side N [adc counts]
side P [adc counts]

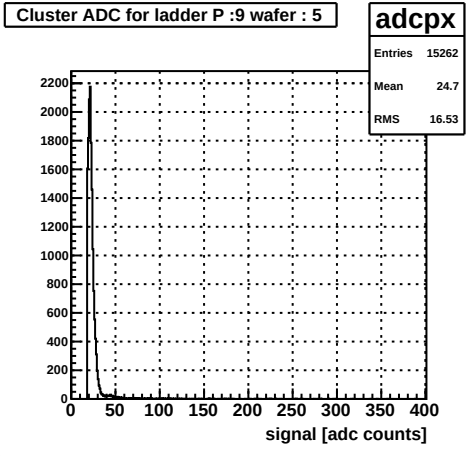

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 10630
Mean 27.41
RMS 14.45
signal [adc counts]

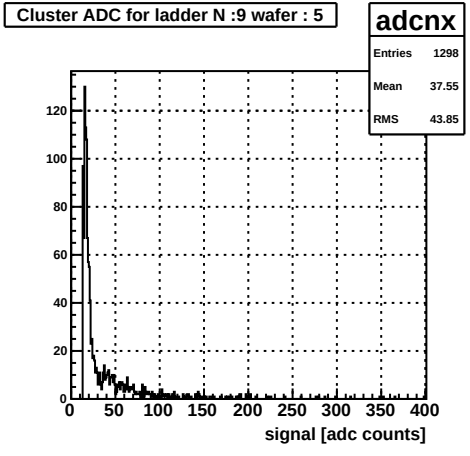

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 2476
Mean 37.89
RMS 34.28
signal [adc counts]

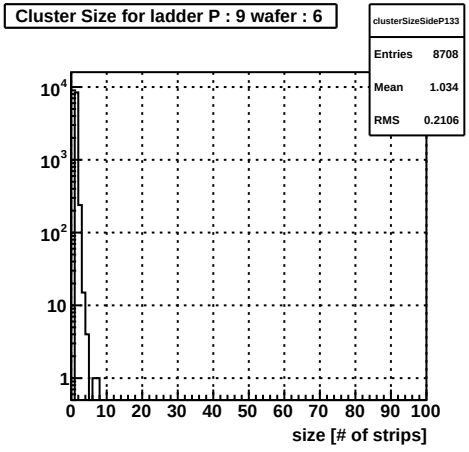

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 15262
Mean 1.028
RMS 0.188
size [# of strips]

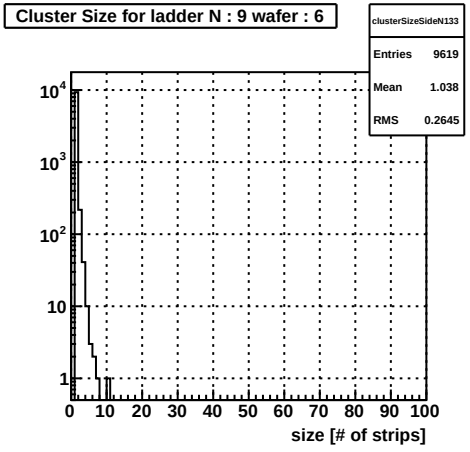

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 1298
Mean 1.247
RMS 0.6737
size [# of strips]

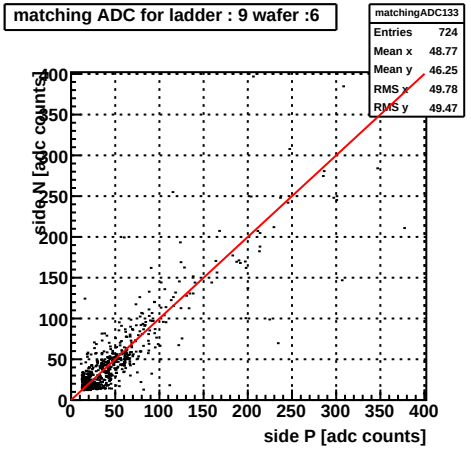

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 391
Mean x 63.62
Mean y 52.75
RMS x 61.78
RMS y 46.71
side N [adc counts]
side P [adc counts]

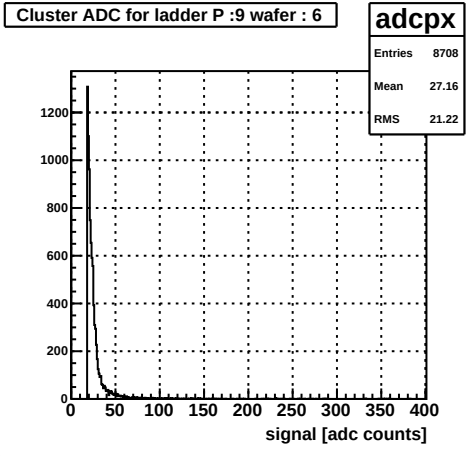

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 15262
Mean 24.7
RMS 16.53
signal [adc counts]

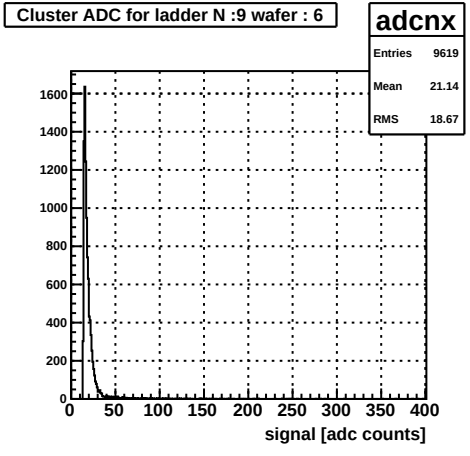

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 1298
Mean 37.55
RMS 43.85
signal [adc counts]

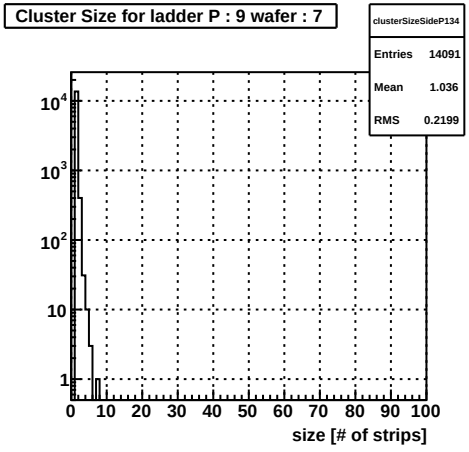

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 8708
Mean 1.034
RMS 0.2106
size [# of strips]

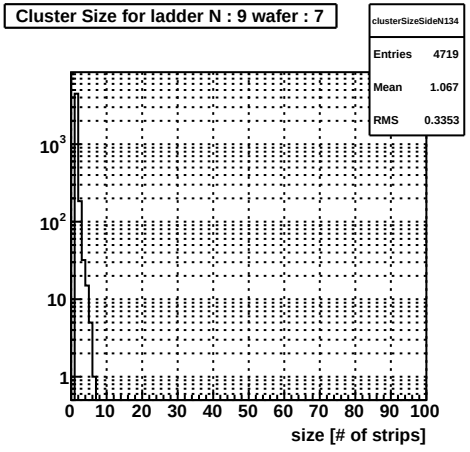

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 9619
Mean 1.038
RMS 0.2645
size [# of strips]

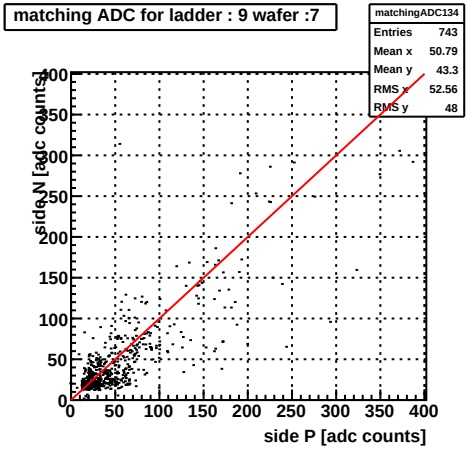

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 724
Mean x 48.77
Mean y 46.25
RMS x 49.78
RMS y 49.47
side N [adc counts]
side P [adc counts]

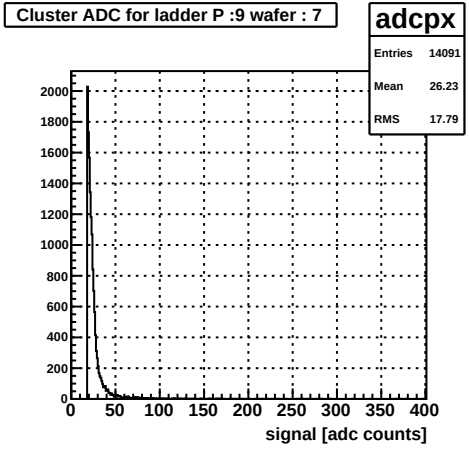

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 8708
Mean 27.16
RMS 21.22
signal [adc counts]

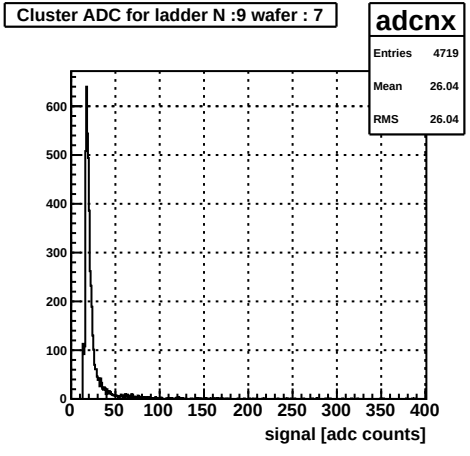

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 9619
Mean 21.14
RMS 18.67
signal [adc counts]

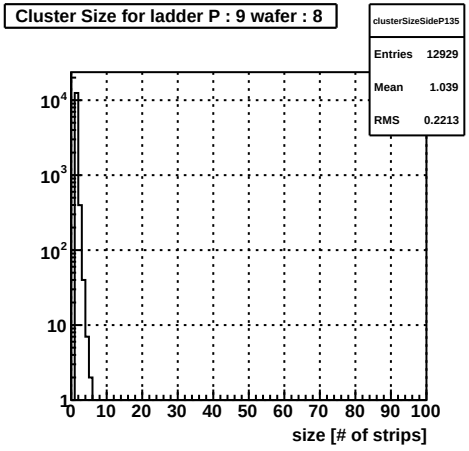

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 14091
Mean 1.036
RMS 0.2199
size [# of strips]

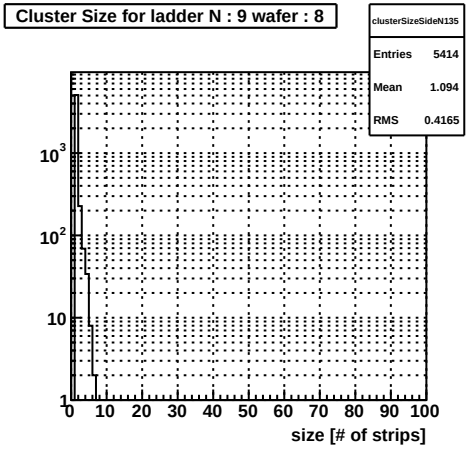

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 4719
Mean 1.067
RMS 0.3353
size [# of strips]

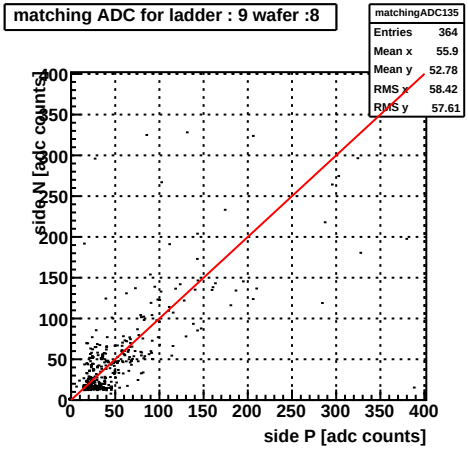

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 743
Mean x 50.79
Mean y 43.3
RMS x 52.56
RMS y 48
side N [adc counts]
side P [adc counts]

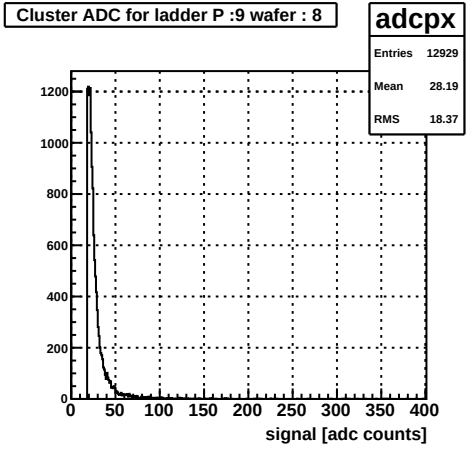

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 14091
Mean 26.23
RMS 17.79
signal [adc counts]

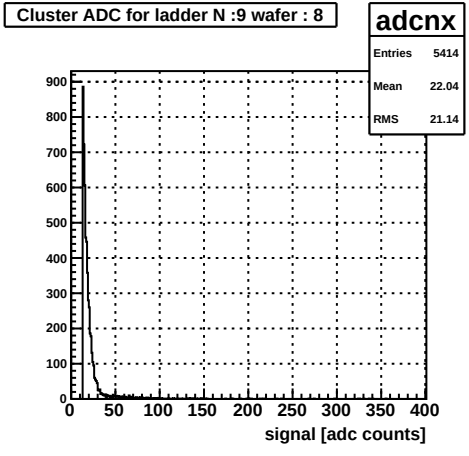

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 4719
Mean 26.04
RMS 26.04
signal [adc counts]

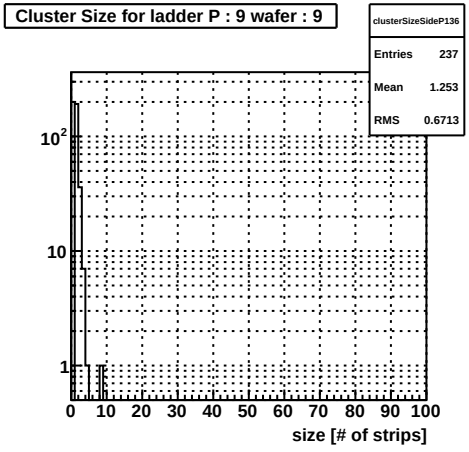

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 12929
Mean 1.039
RMS 0.2213
size [# of strips]

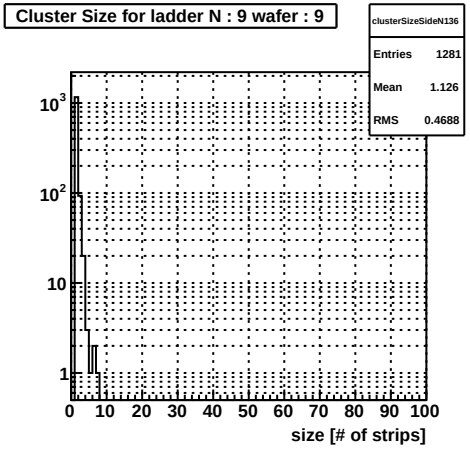

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 5414
Mean 1.094
RMS 0.4165
size [# of strips]

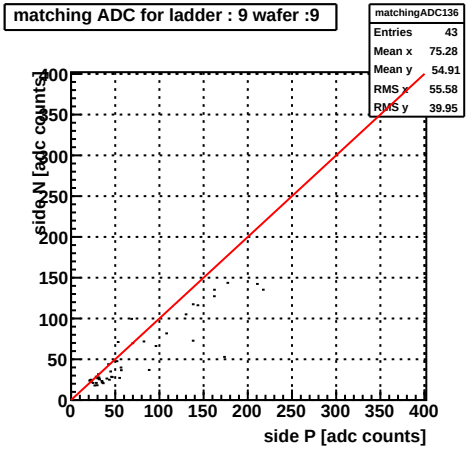

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 364
Mean x 55.9
Mean y 52.78
RMS x 58.42
RMS y 57.61
side N [adc counts]
side P [adc counts]

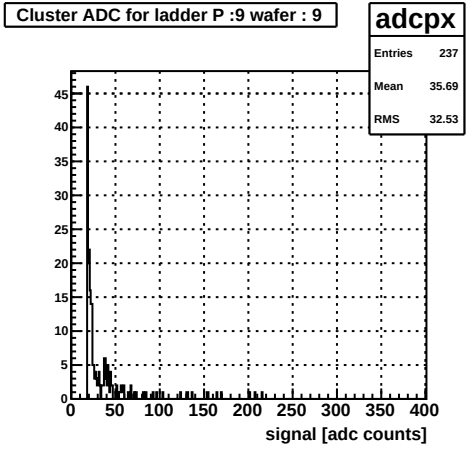

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 12929
Mean 28.19
RMS 18.37
signal [adc counts]

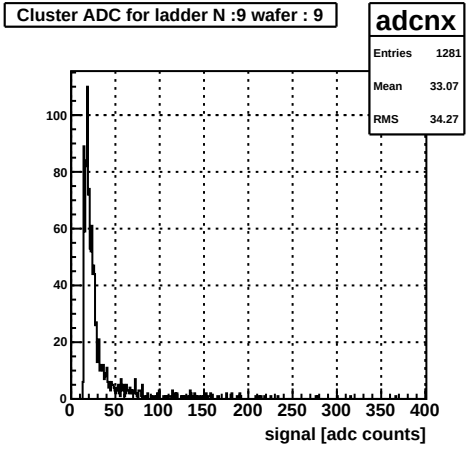

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 5414
Mean 22.04
RMS 21.14
signal [adc counts]

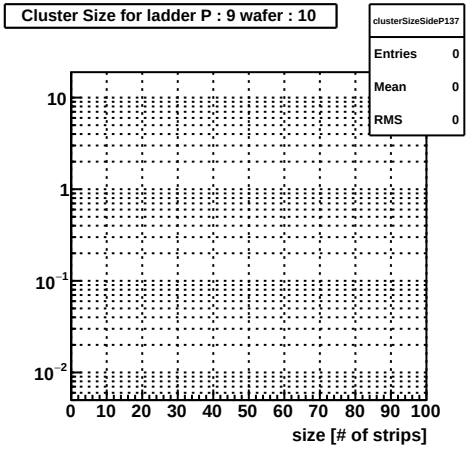

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 237
Mean 1.253
RMS 0.6713
size [# of strips]

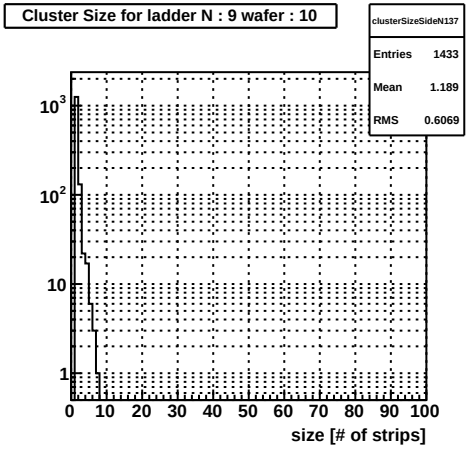

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 1281
Mean 1.126
RMS 0.4688
size [# of strips]

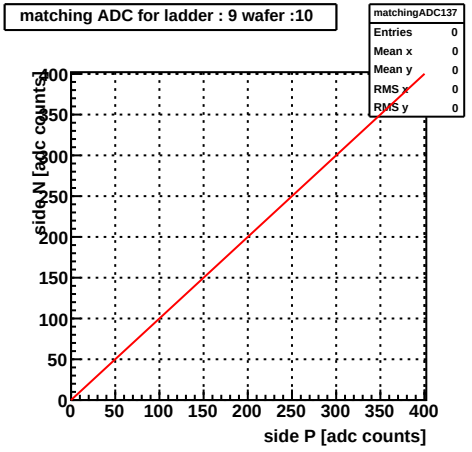

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 43
Mean x 75.28
Mean y 54.91
RMS x 55.58
RMS y 39.95
side N [adc counts]
side P [adc counts]

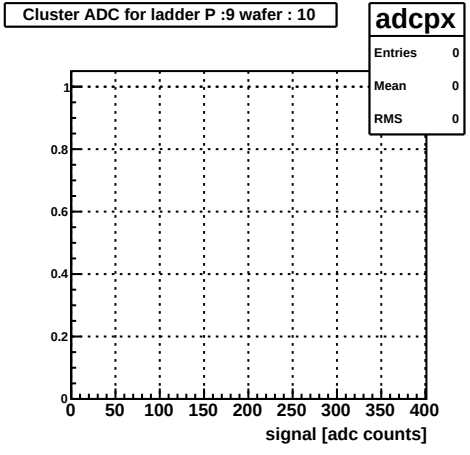

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 237
Mean 35.69
RMS 32.53
signal [adc counts]

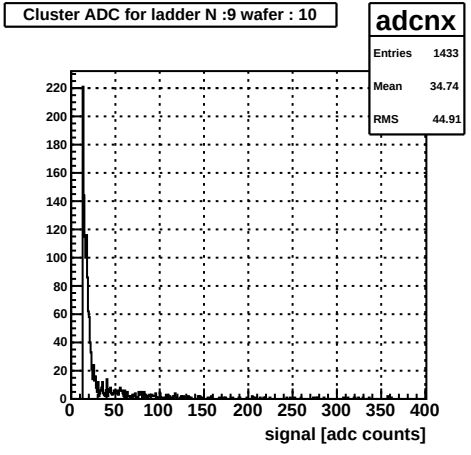

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 1281
Mean 33.07
RMS 34.27
signal [adc counts]

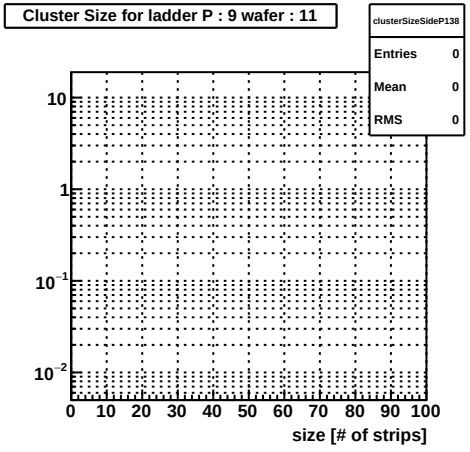

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

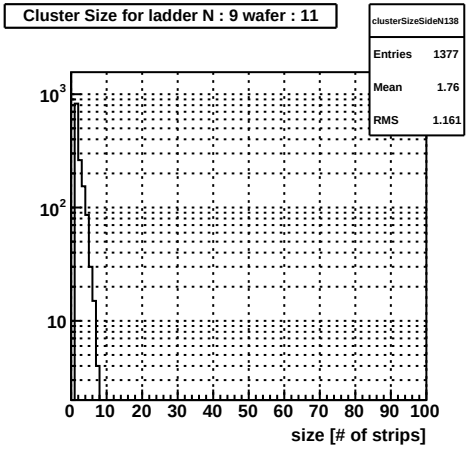

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 1433
Mean 1.189
RMS 0.6069
size [# of strips]

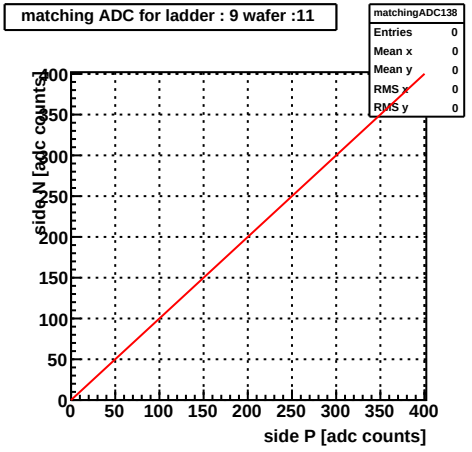

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

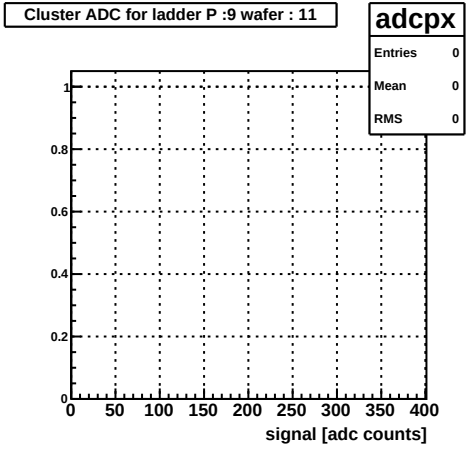

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

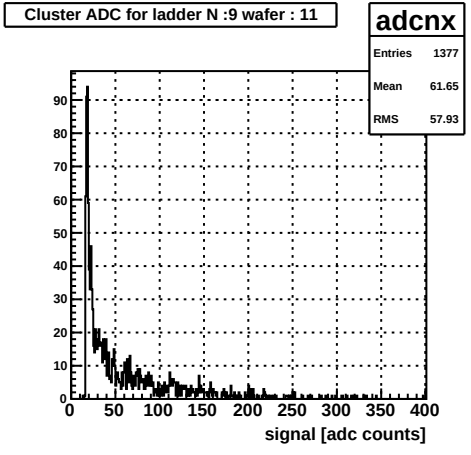

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 1433
Mean 34.74
RMS 44.91
signal [adc counts]

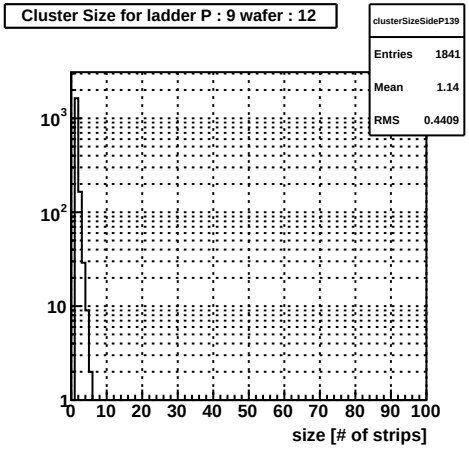

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

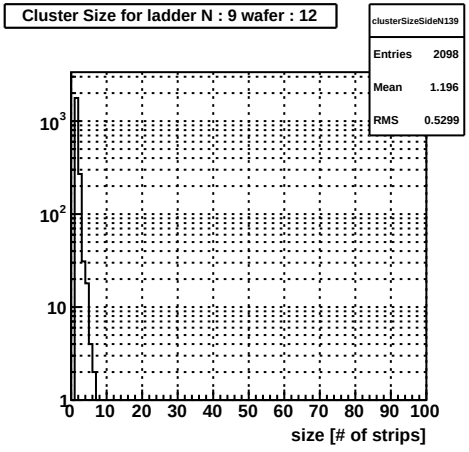

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 1377
Mean 1.76
RMS 1.161
size [# of strips]

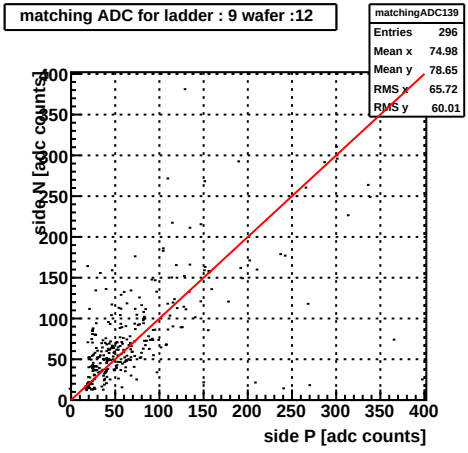

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

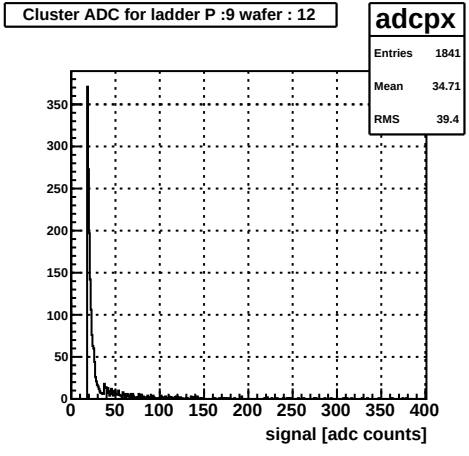

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

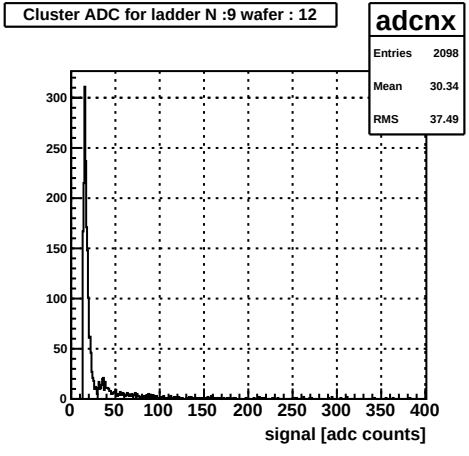

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 1377
Mean 61.65
RMS 57.93
signal [adc counts]

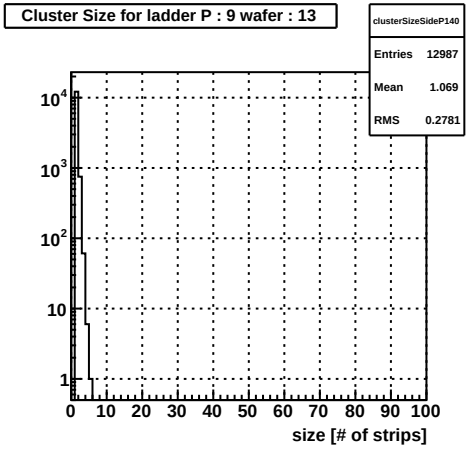

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 1841
Mean 1.14
RMS 0.4409
size [# of strips]

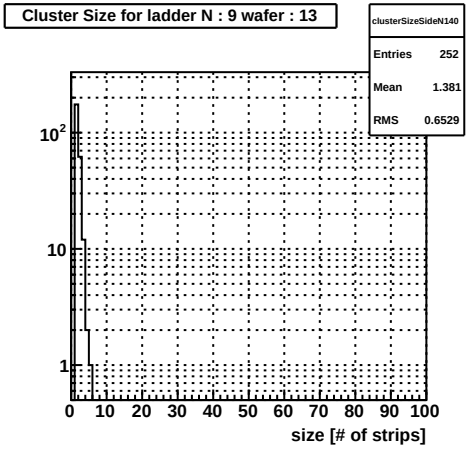

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 2098
Mean 1.196
RMS 0.5299
size [# of strips]

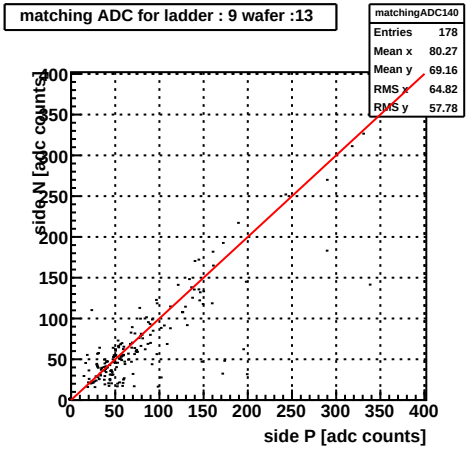

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 296
Mean x 74.98
Mean y 78.65
RMS x 65.72
RMS y 60.01
side N [adc counts]
side P [adc counts]

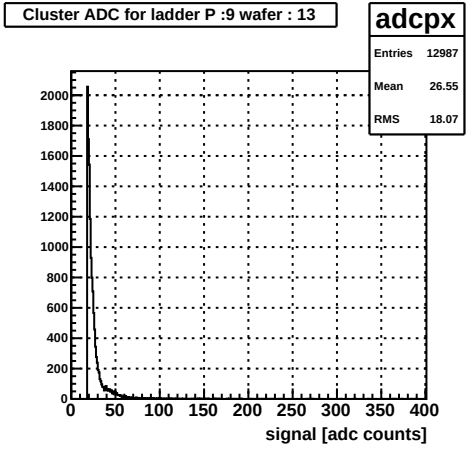

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 1841
Mean 34.71
RMS 39.4
signal [adc counts]

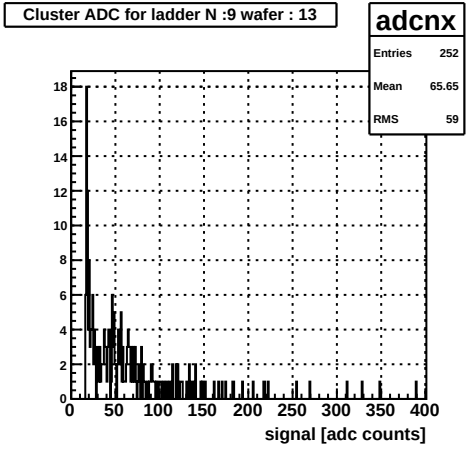

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 2098
Mean 30.34
RMS 37.49
signal [adc counts]

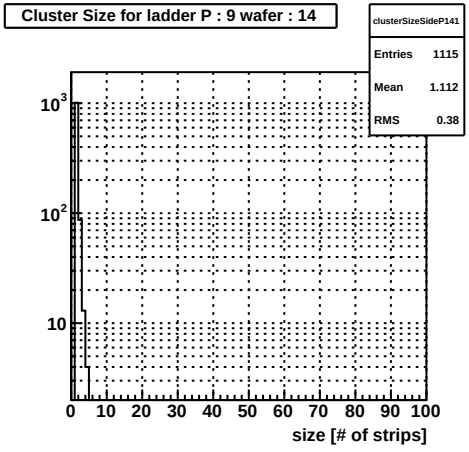

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 12987
Mean 1.069
RMS 0.2781
size [# of strips]

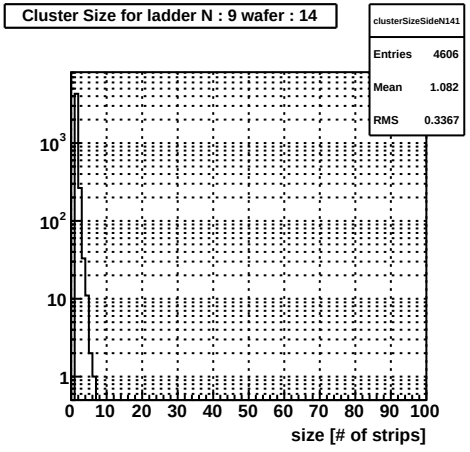

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 252
Mean 1.381
RMS 0.6529
size [# of strips]

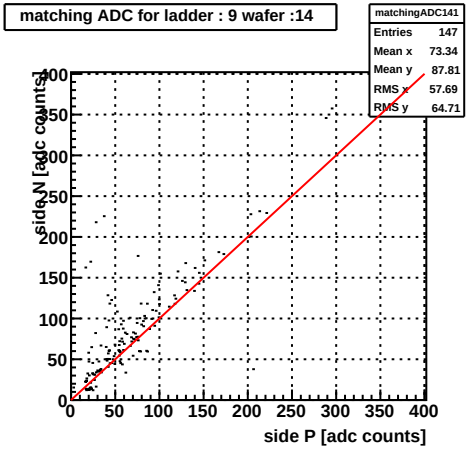

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 178
Mean x 80.27
Mean y 69.16
RMS x 64.82
RMS y 57.78
side N [adc counts]
side P [adc counts]

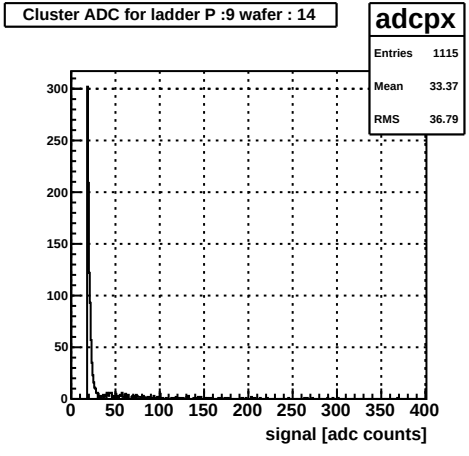

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 12987
Mean 26.55
RMS 18.07
signal [adc counts]

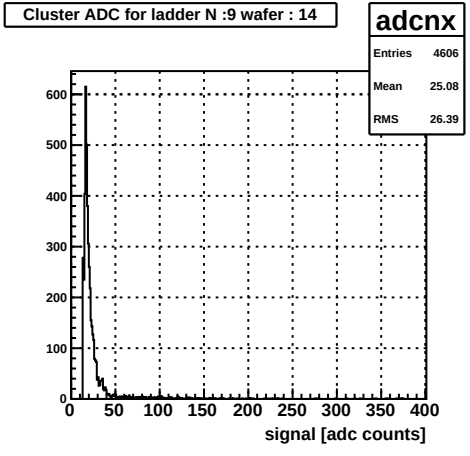

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 252
Mean 65.65
RMS 59
signal [adc counts]

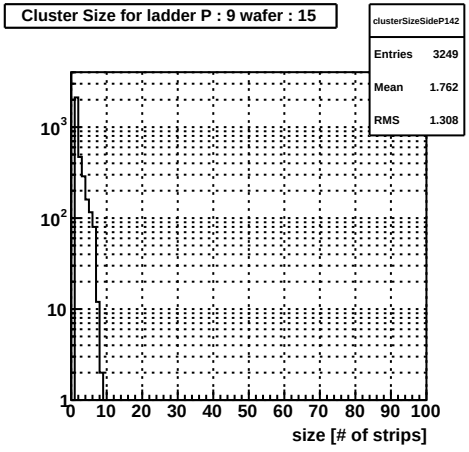

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 1115
Mean 1.112
RMS 0.38
size [# of strips]

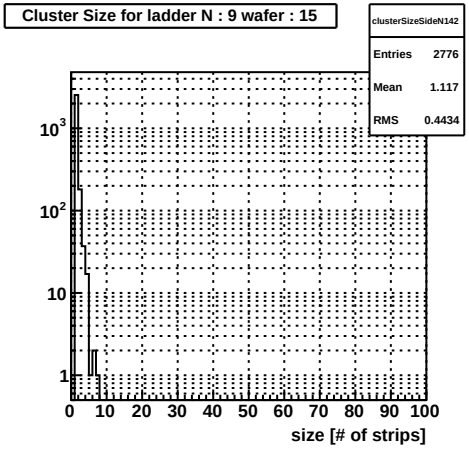

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 4606
Mean 1.082
RMS 0.3367
size [# of strips]

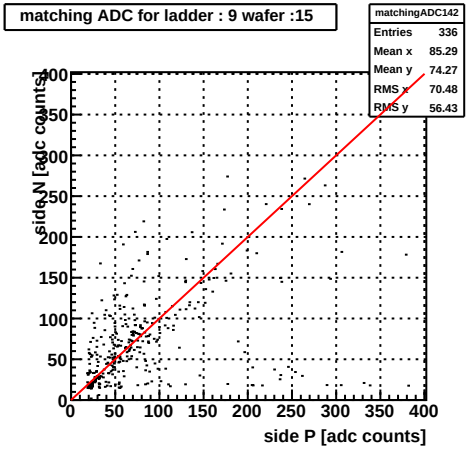

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 147
Mean x 73.34
Mean y 87.81
RMS x 57.69
RMS y 64.71
side N [adc counts]
side P [adc counts]

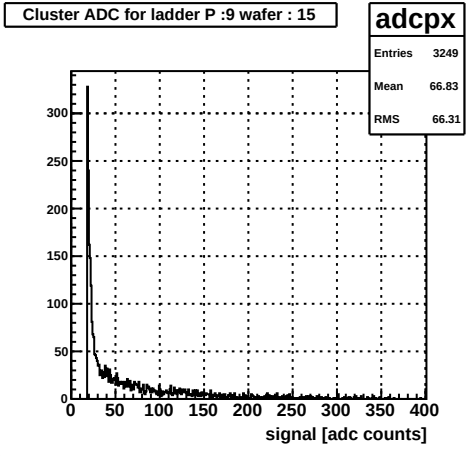

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 1115
Mean 33.37
RMS 36.79
signal [adc counts]

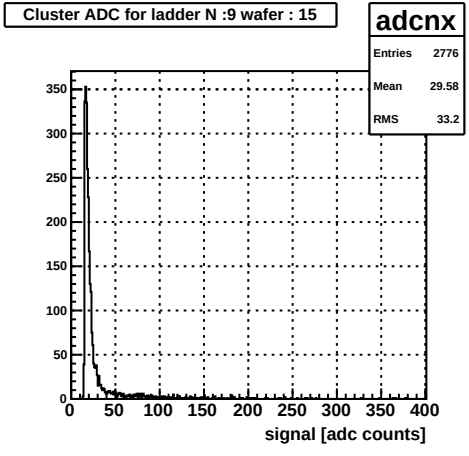

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 4606
Mean 25.08
RMS 26.39
signal [adc counts]

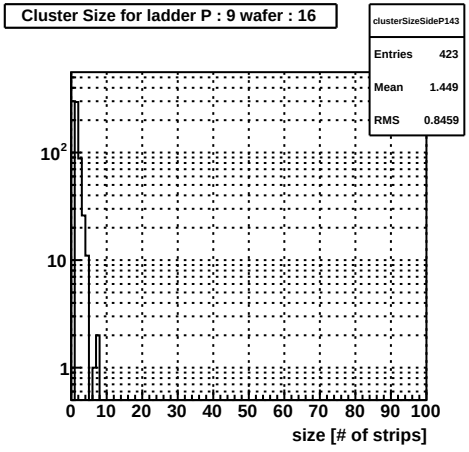

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 3249
Mean 1.762
RMS 1.308
size [# of strips]

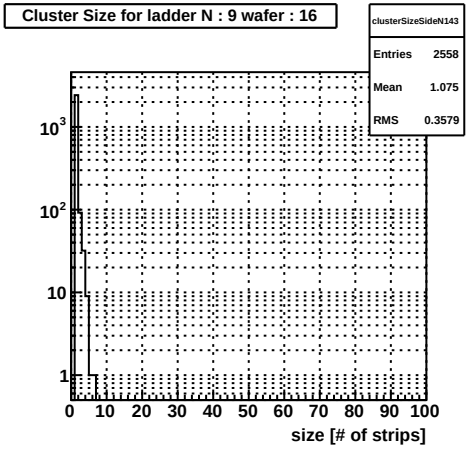

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 2776
Mean 1.117
RMS 0.4434
size [# of strips]

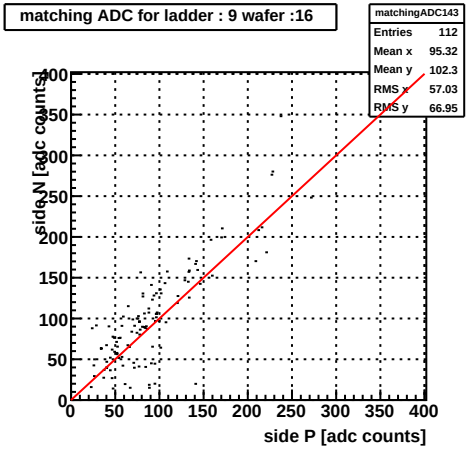

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 336
Mean x 85.29
Mean y 74.27
RMS x 70.48
RMS y 56.43
side N [adc counts]
side P [adc counts]

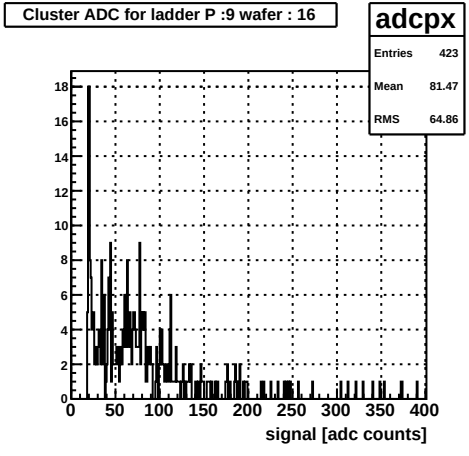

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 3249
Mean 66.83
RMS 66.31
signal [adc counts]

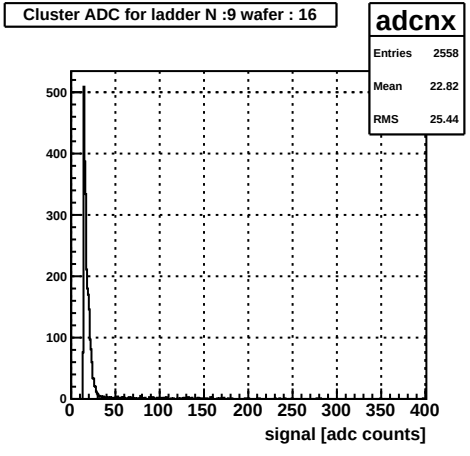

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 2776
Mean 29.58
RMS 33.2
signal [adc counts]

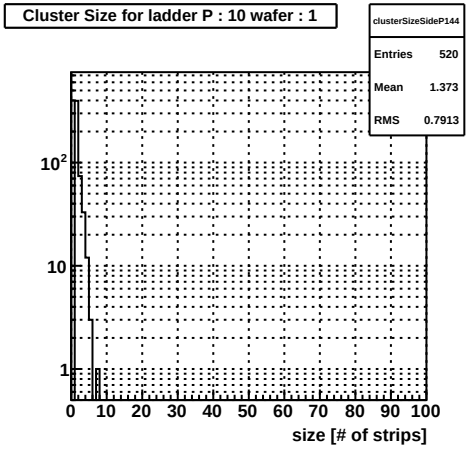

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 423
Mean 1.449
RMS 0.8459
size [# of strips]

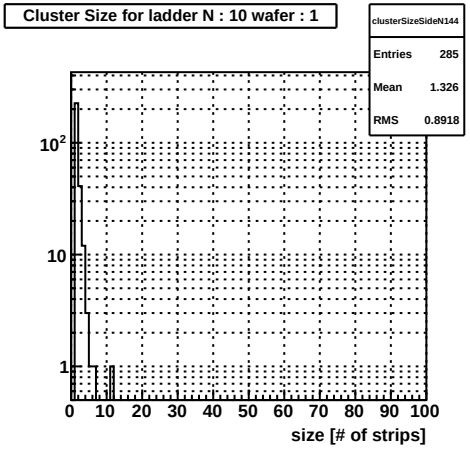

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 2558
Mean 1.075
RMS 0.3579
size [# of strips]

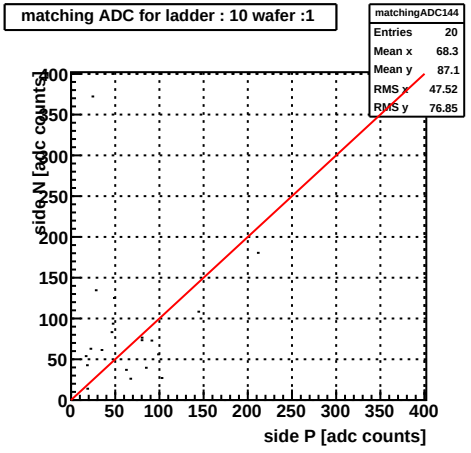

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 112
Mean x 95.32
Mean y 102.3
RMS x 57.03
RMS y 66.95
side N [adc counts]
side P [adc counts]

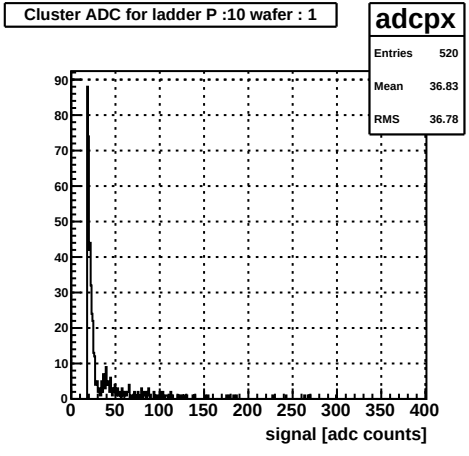

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 423
Mean 81.47
RMS 64.86
signal [adc counts]

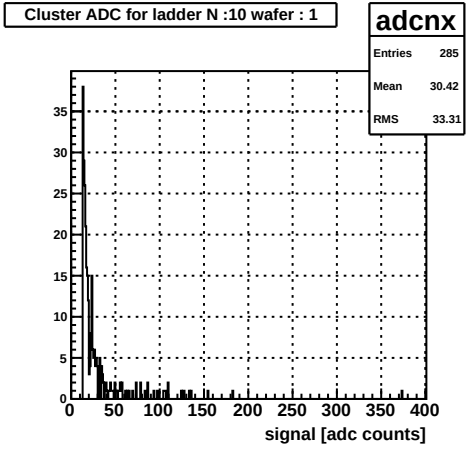

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 2558
Mean 22.82
RMS 25.44
signal [adc counts]

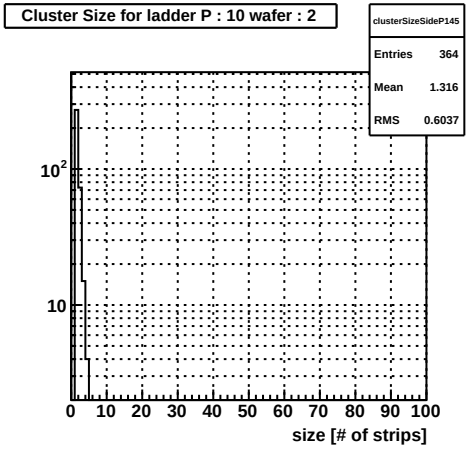

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 520
Mean 1.373
RMS 0.7913
size [# of strips]

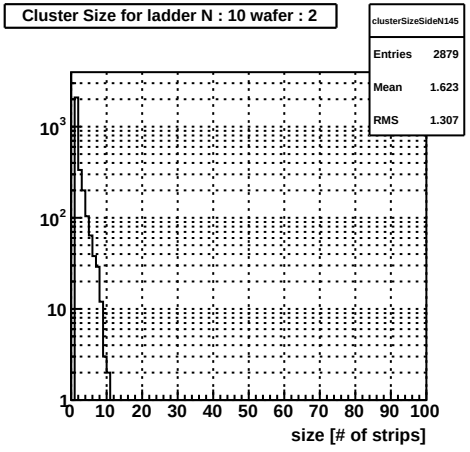

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 285
Mean 1.326
RMS 0.8918
size [# of strips]

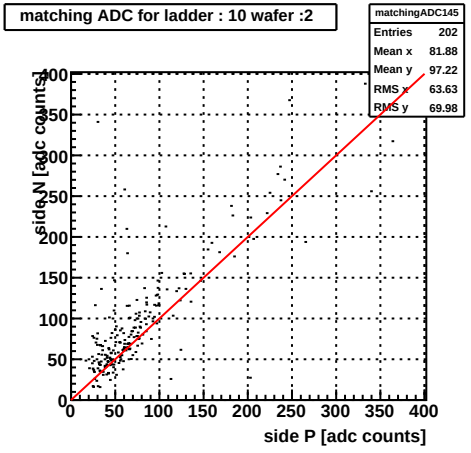

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 20
Mean x 68.3
Mean y 87.1
RMS x 47.52
RMS y 76.85
side N [adc counts]
side P [adc counts]

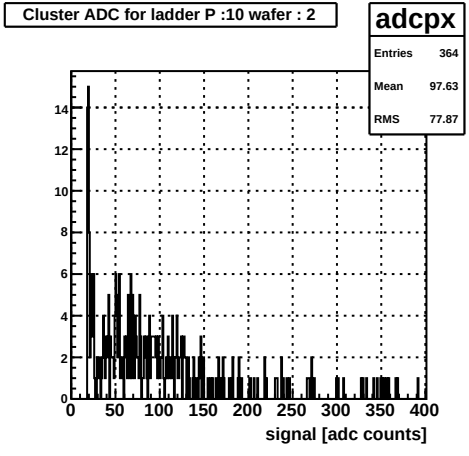

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 520
Mean 36.83
RMS 36.78
signal [adc counts]

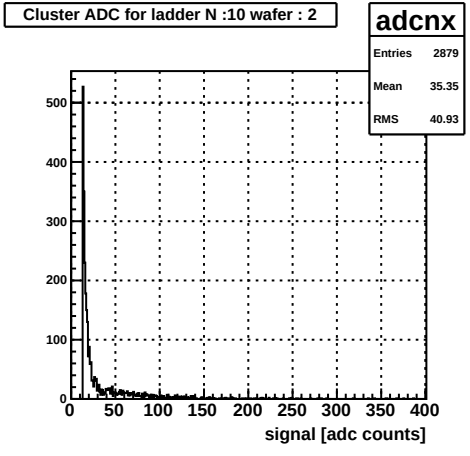

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 285
Mean 30.42
RMS 33.31
signal [adc counts]

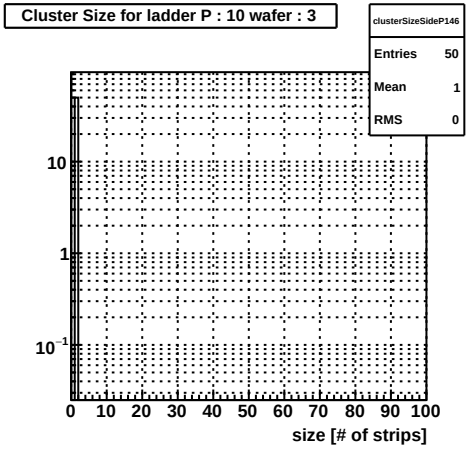

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 364
Mean 1.316
RMS 0.6037
size [# of strips]

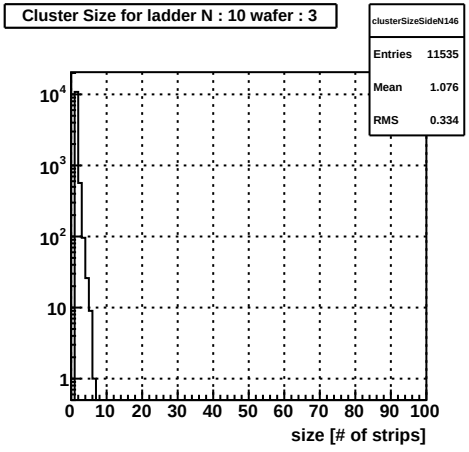

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 2879
Mean 1.623
RMS 1.307
size [# of strips]

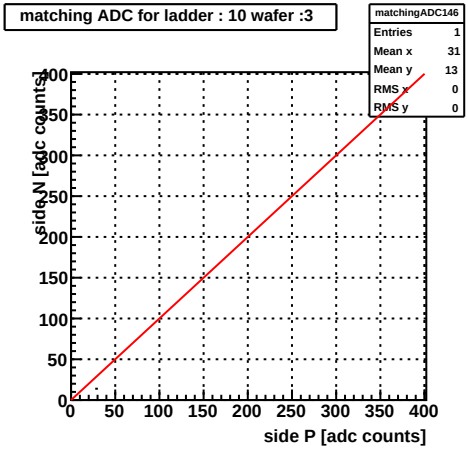

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 202
Mean x 81.88
Mean y 97.22
RMS x 63.63
RMS y 69.98
side N [adc counts]
side P [adc counts]

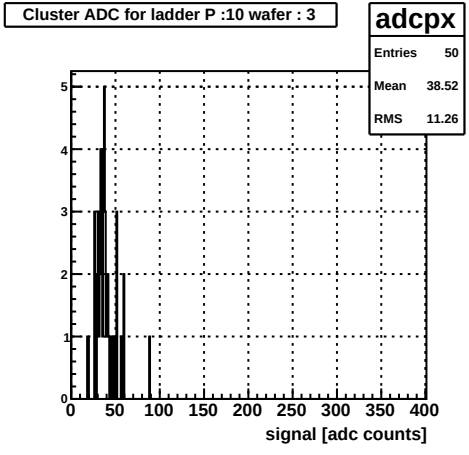

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 364
Mean 97.63
RMS 77.87
signal [adc counts]

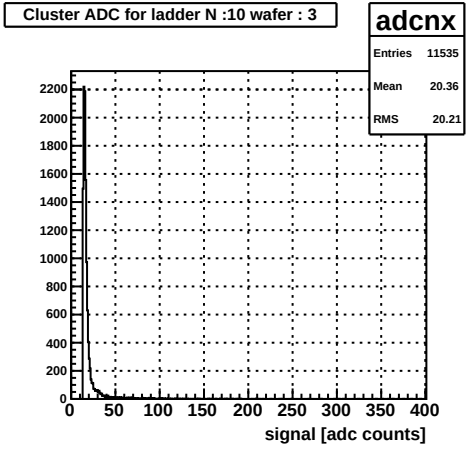

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 2879
Mean 35.35
RMS 40.93
signal [adc counts]

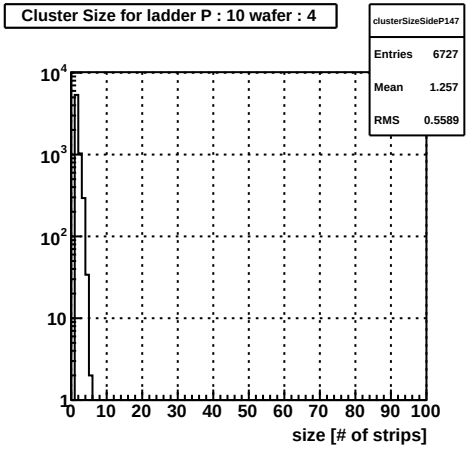

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 50
Mean 1
RMS 0
size [# of strips]

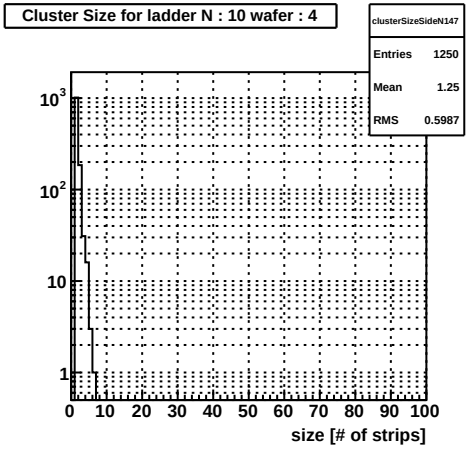

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 11535
Mean 1.076
RMS 0.334
size [# of strips]

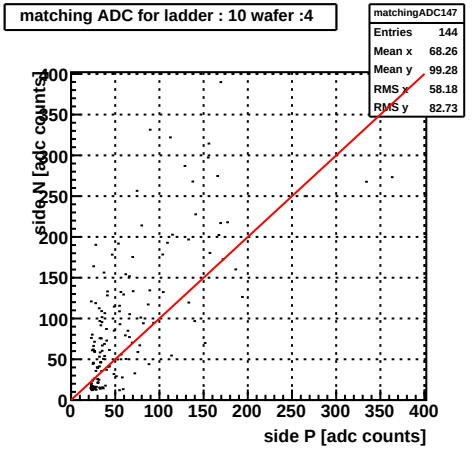

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 1
Mean x 31
Mean y 13
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

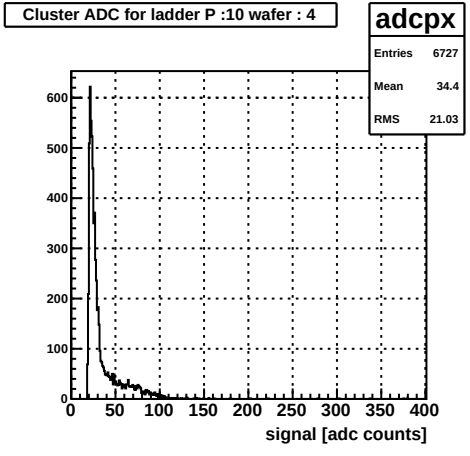

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 50
Mean 38.52
RMS 11.26
signal [adc counts]

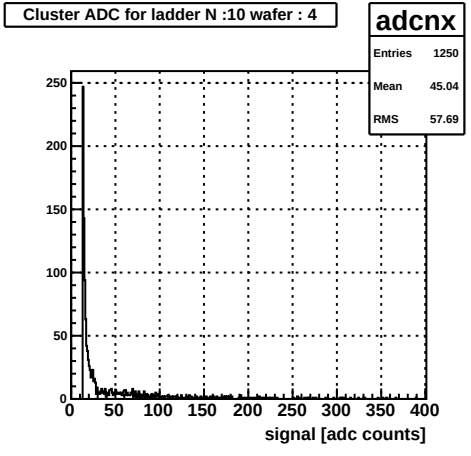

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 11535
Mean 20.36
RMS 20.21
signal [adc counts]

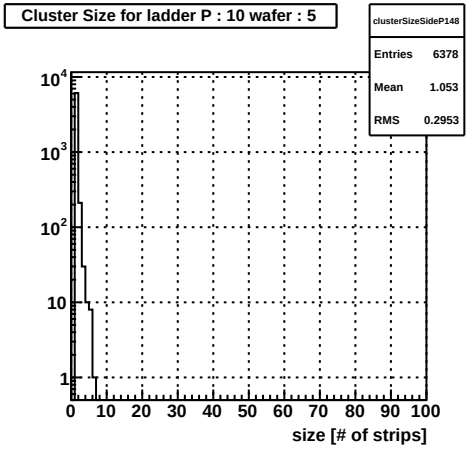

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 6727
Mean 1.257
RMS 0.5589
size [# of strips]

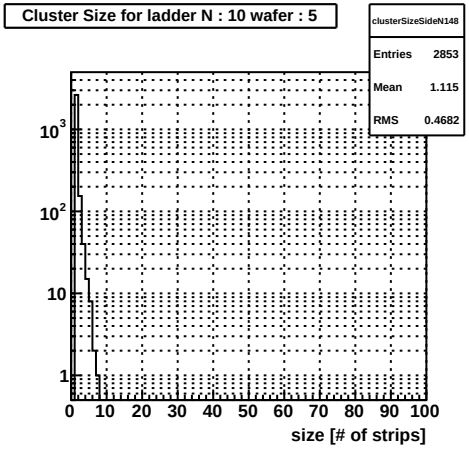

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 1250
Mean 1.25
RMS 0.5987
size [# of strips]

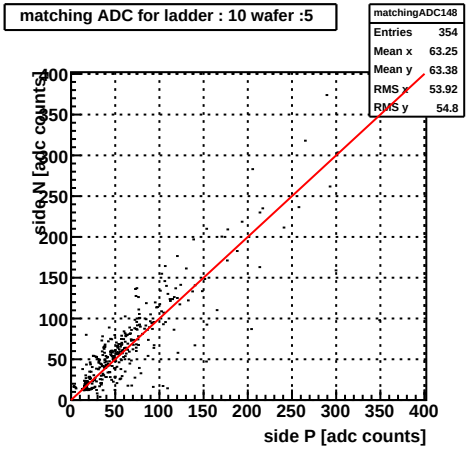

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 144
Mean x 68.26
Mean y 99.28
RMS x 58.18
RMS y 82.73
side N [adc counts]
side P [adc counts]

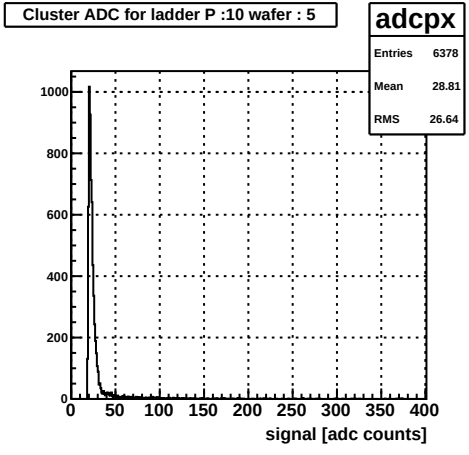

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 6727
Mean 34.4
RMS 21.03
signal [adc counts]

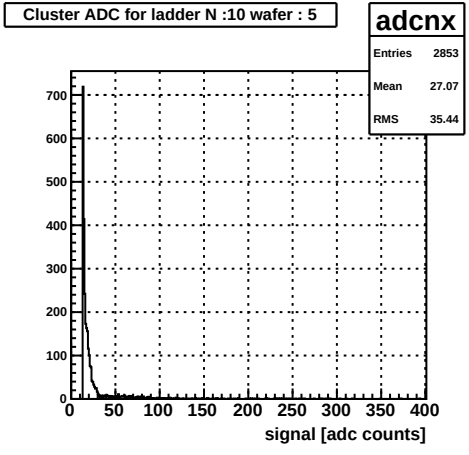

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 1250
Mean 45.04
RMS 57.69
signal [adc counts]

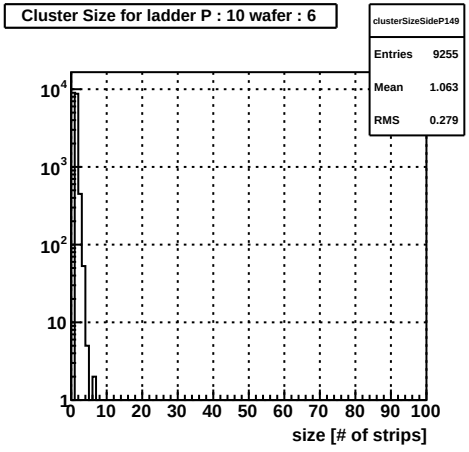

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 6378
Mean 1.053
RMS 0.2953
size [# of strips]

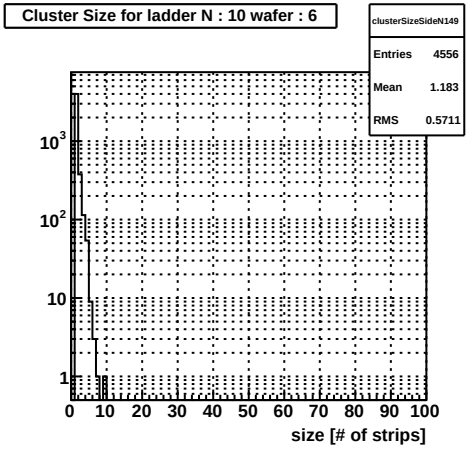

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 2853
Mean 1.115
RMS 0.4682
size [# of strips]

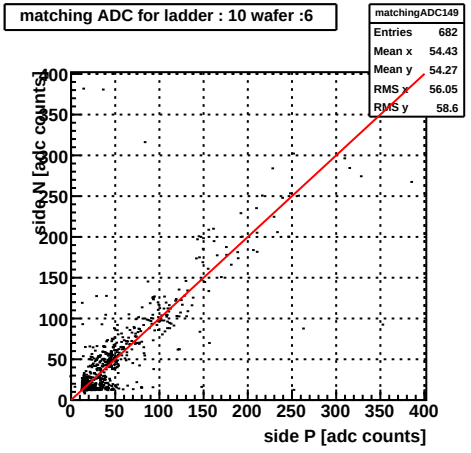

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 354
Mean x 63.25
Mean y 63.38
RMS x 53.92
RMS y 54.8
side N [adc counts]
side P [adc counts]

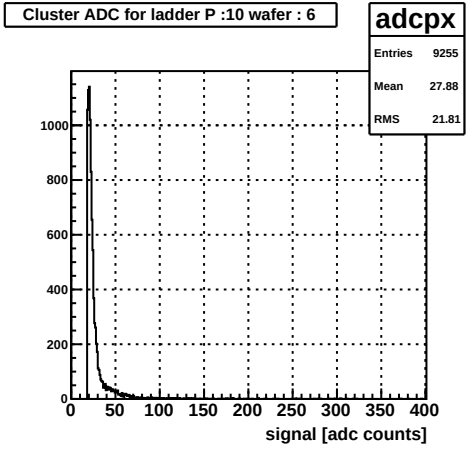

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 6378
Mean 28.81
RMS 26.64
signal [adc counts]

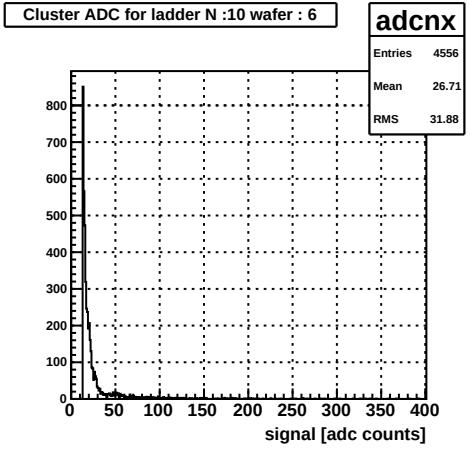

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 2853
Mean 27.07
RMS 35.44
signal [adc counts]

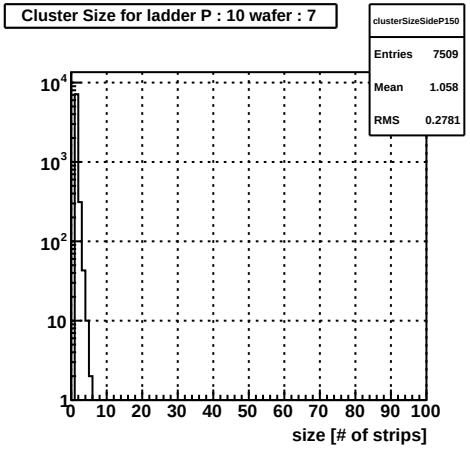

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 9255
Mean 1.063
RMS 0.279
size [# of strips]

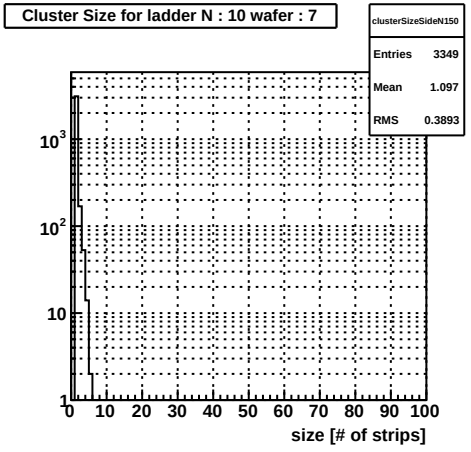

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 4556
Mean 1.183
RMS 0.5711
size [# of strips]

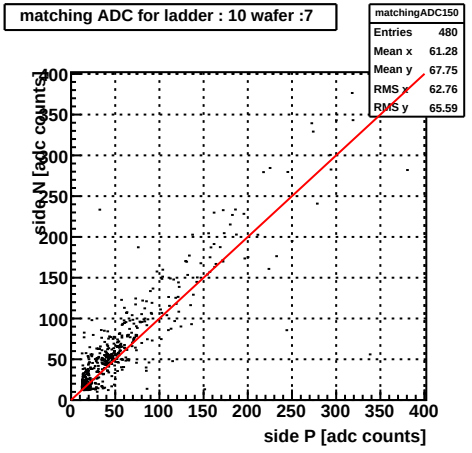

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 682
Mean x 54.43
Mean y 54.27
RMS x 56.05
RMS y 58.6
side N [adc counts]
side P [adc counts]

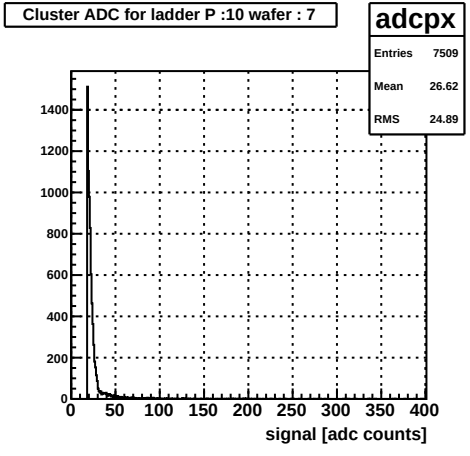

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 9255
Mean 27.88
RMS 21.81
signal [adc counts]

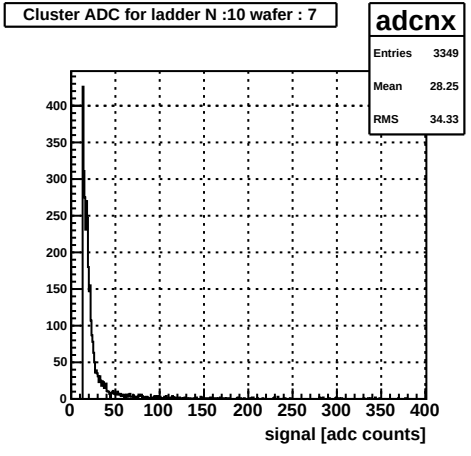

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 4556
Mean 26.71
RMS 31.88
signal [adc counts]

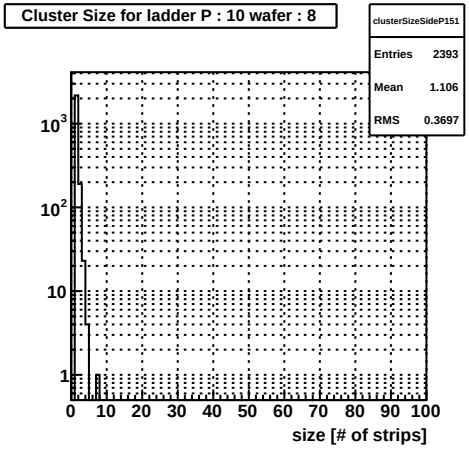

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 7509
Mean 1.058
RMS 0.2781
size [# of strips]

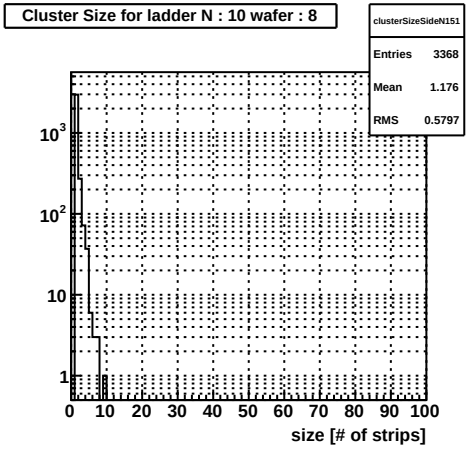

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 3349
Mean 1.097
RMS 0.3893
size [# of strips]

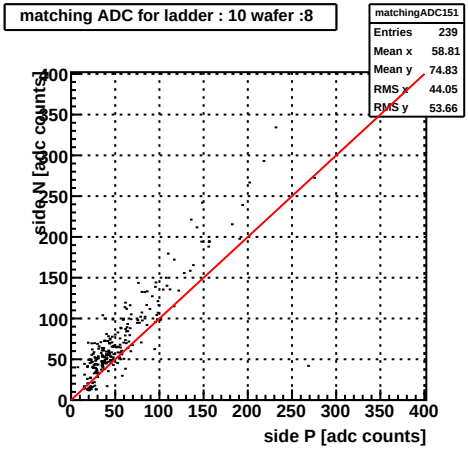

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 480
Mean x 61.28
Mean y 67.75
RMS x 62.76
RMS y 65.59
side N [adc counts]
side P [adc counts]

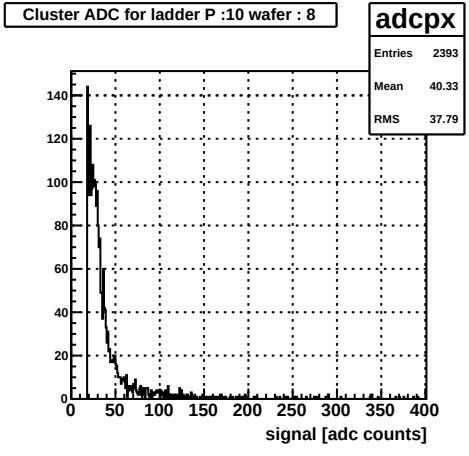

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 7509
Mean 26.62
RMS 24.89
signal [adc counts]

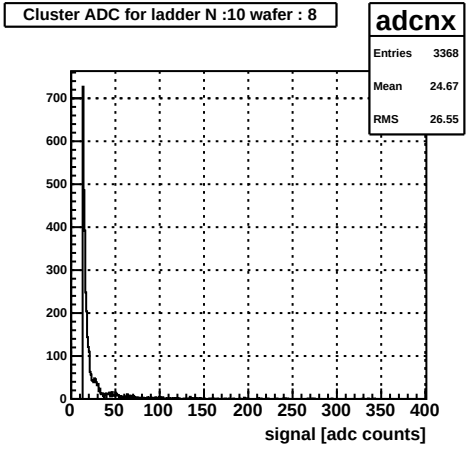

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 3349
Mean 28.25
RMS 34.33
signal [adc counts]

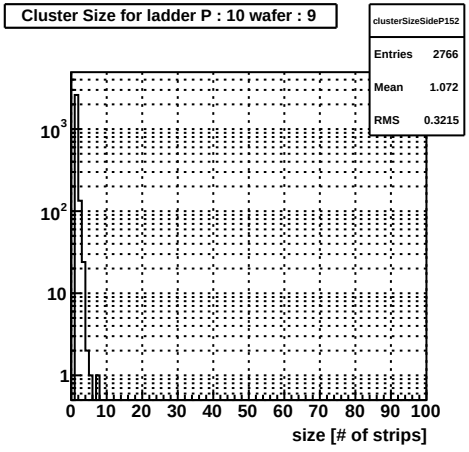

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 2393
Mean 1.106
RMS 0.3697
size [# of strips]

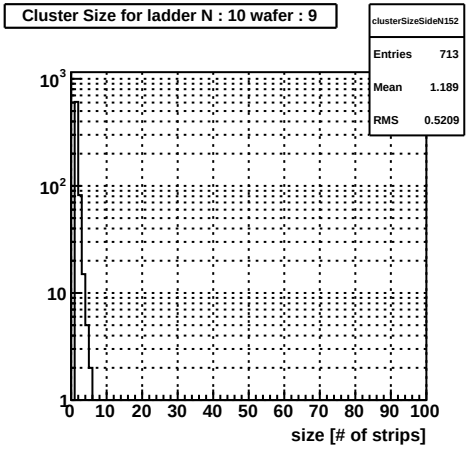

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 3368
Mean 1.176
RMS 0.5797
size [# of strips]

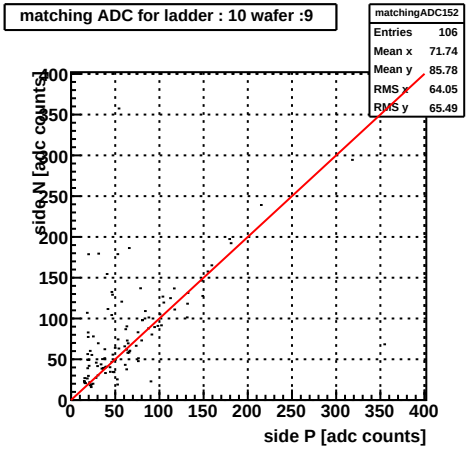

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 239
Mean x 58.81
Mean y 74.83
RMS x 44.05
RMS y 53.66
side N [adc counts]
side P [adc counts]

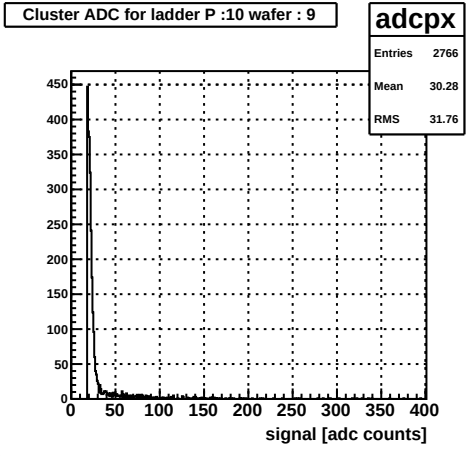

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 2393
Mean 40.33
RMS 37.79
signal [adc counts]

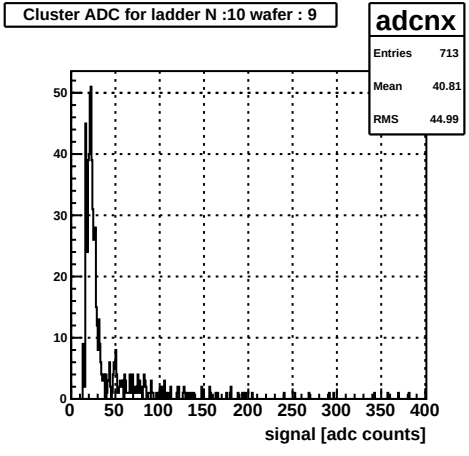

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 3368
Mean 24.67
RMS 26.55
signal [adc counts]

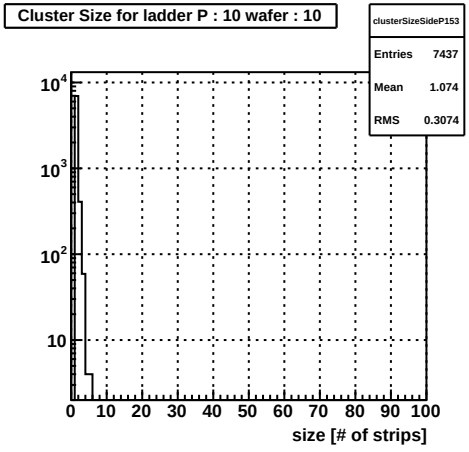

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 2766
Mean 1.072
RMS 0.3215
size [# of strips]

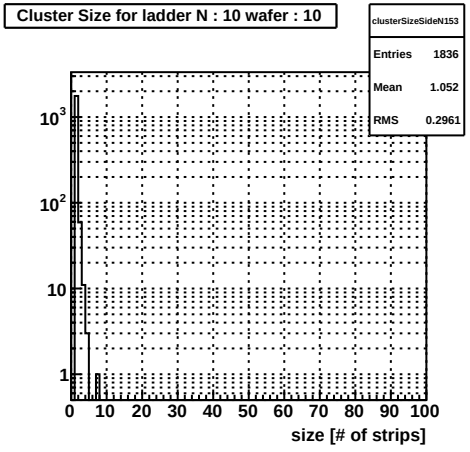

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 713
Mean 1.189
RMS 0.5209
size [# of strips]

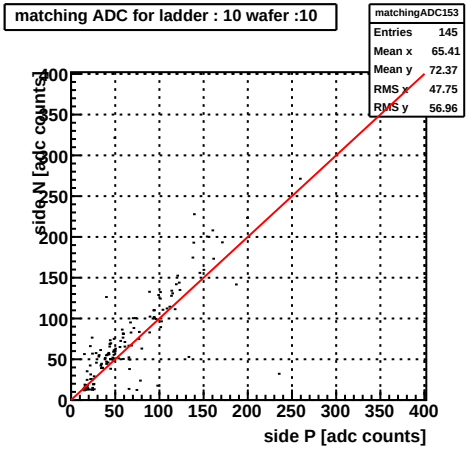

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 106
Mean x 71.74
Mean y 85.78
RMS x 64.05
RMS y 65.49
side N [adc counts]
side P [adc counts]

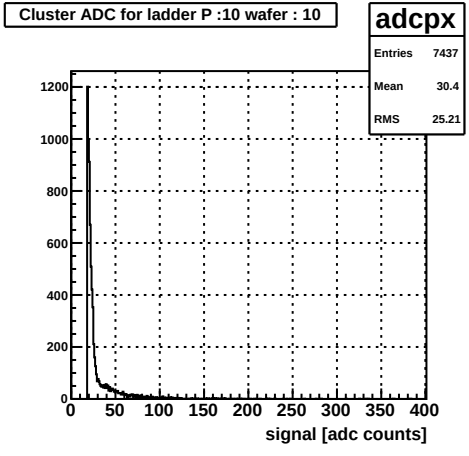

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 2766
Mean 30.28
RMS 31.76
signal [adc counts]

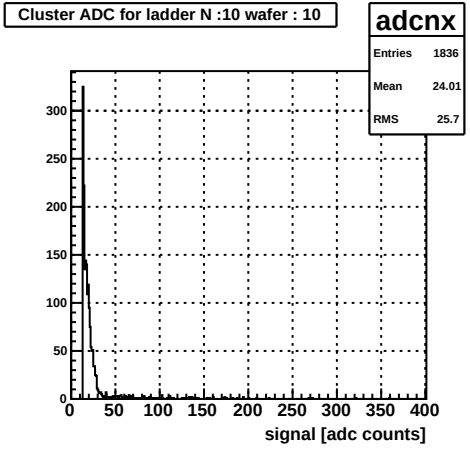

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 713
Mean 40.81
RMS 44.99
signal [adc counts]

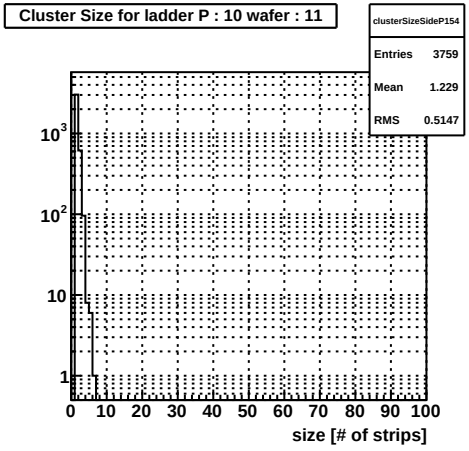

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 7437
Mean 1.074
RMS 0.3074
size [# of strips]

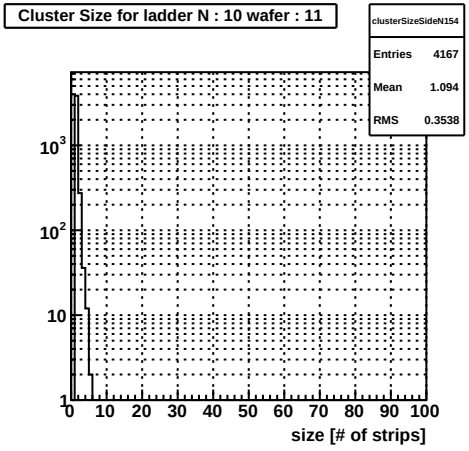

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 1836
Mean 1.052
RMS 0.2961
size [# of strips]

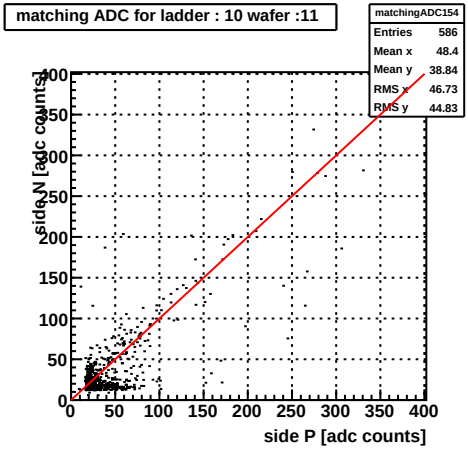

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 145
Mean x 65.41
Mean y 72.37
RMS x 47.75
RMS y 56.96
side N [adc counts]
side P [adc counts]

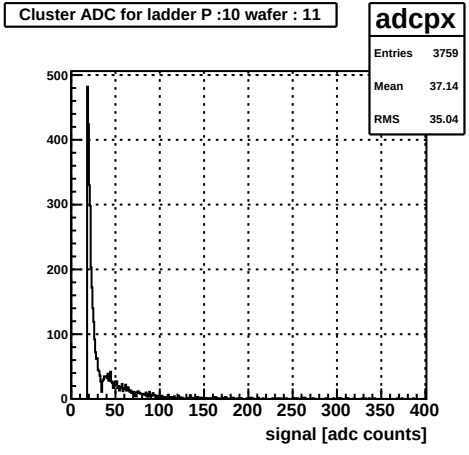

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 7437
Mean 30.4
RMS 25.21
signal [adc counts]

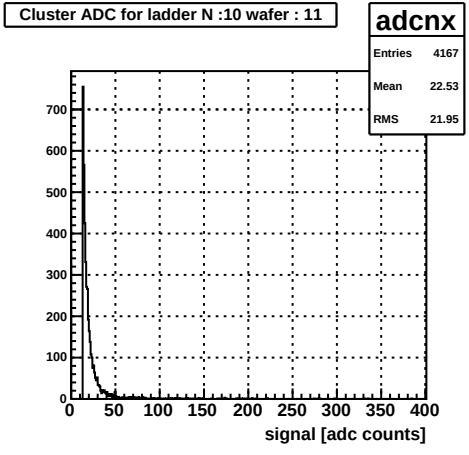

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 1836
Mean 24.01
RMS 25.7
signal [adc counts]

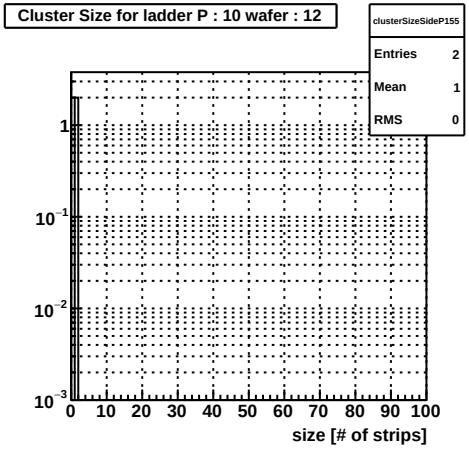

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 3759
Mean 1.229
RMS 0.5147
size [# of strips]

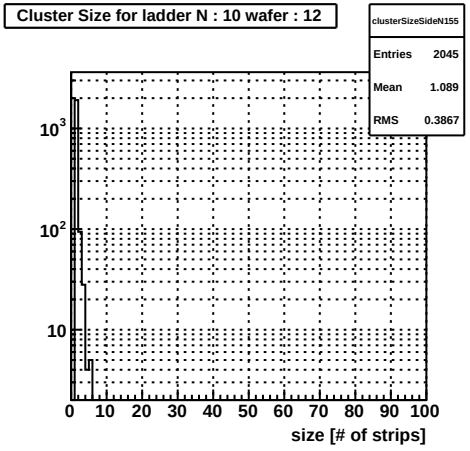

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 4167
Mean 1.094
RMS 0.3538
size [# of strips]

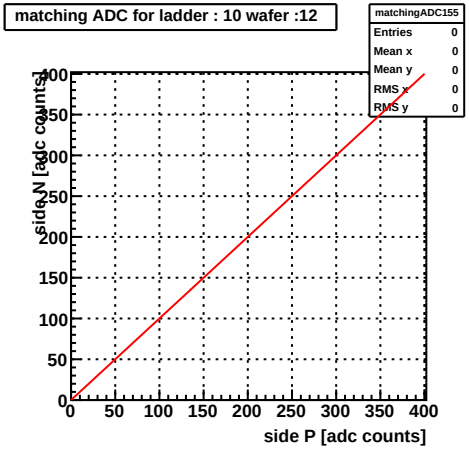

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 586
Mean x 48.4
Mean y 38.84
RMS x 46.73
RMS y 44.83
side N [adc counts]
side P [adc counts]

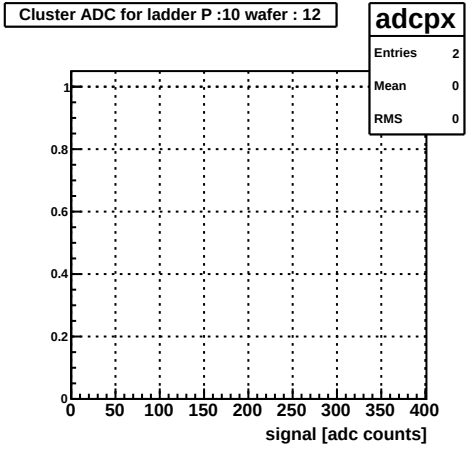

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 3759
Mean 37.14
RMS 35.04
signal [adc counts]

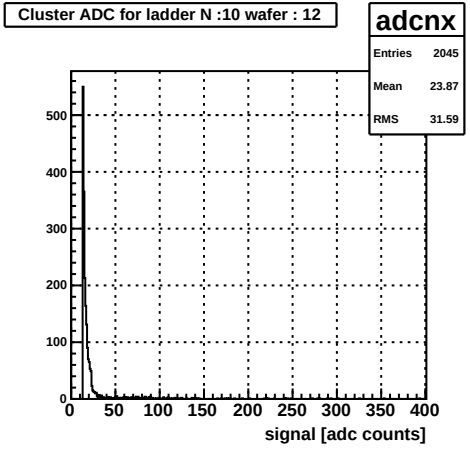

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 4167
Mean 22.53
RMS 21.95
signal [adc counts]

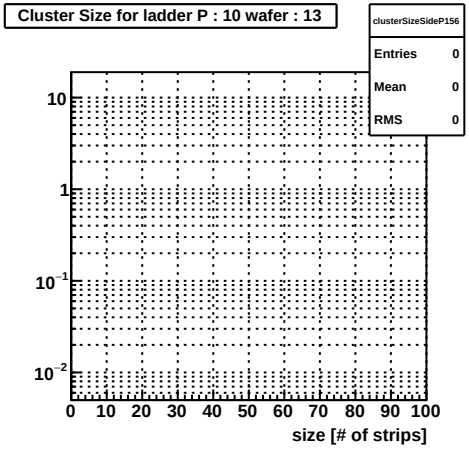

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 2
Mean 1
RMS 0
size [# of strips]

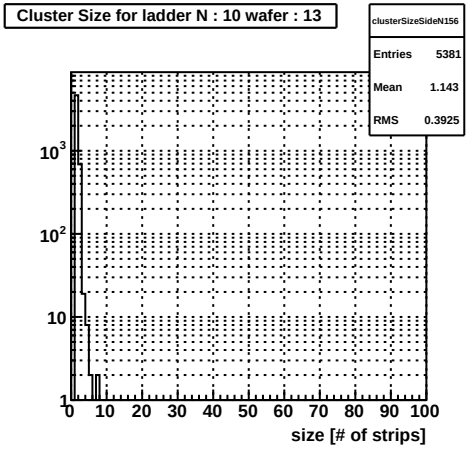

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 2045
Mean 1.089
RMS 0.3867
size [# of strips]

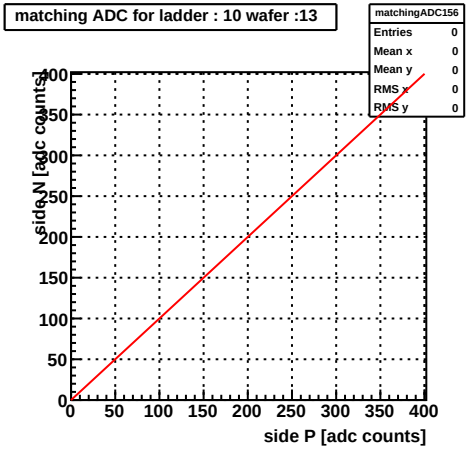

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

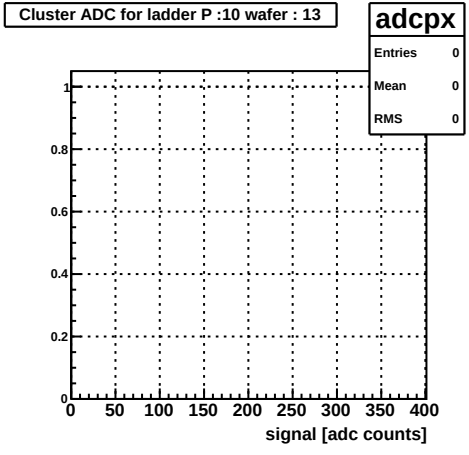

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

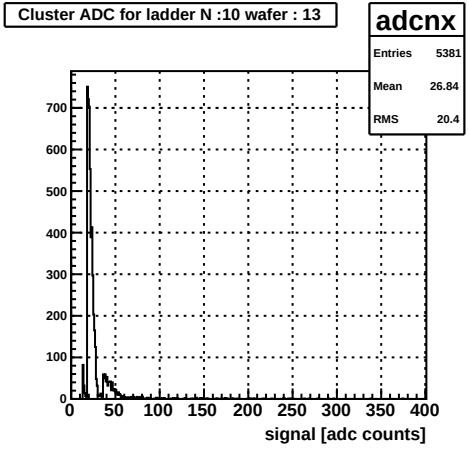

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 2045
Mean 23.87
RMS 31.59
signal [adc counts]

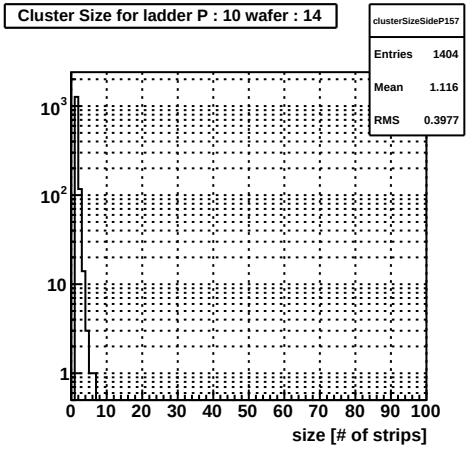

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

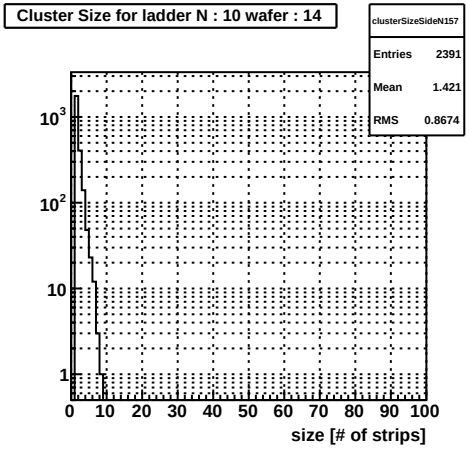

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 5381
Mean 1.143
RMS 0.3925
size [# of strips]

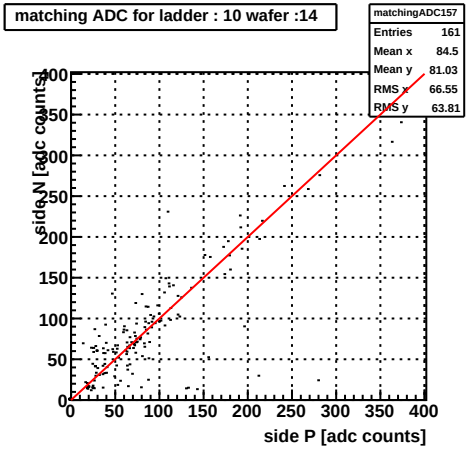

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

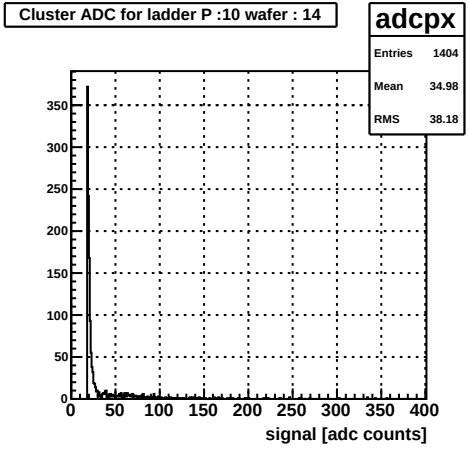

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

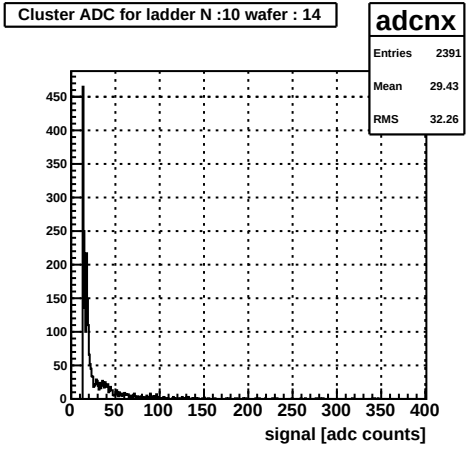

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 5381
Mean 26.84
RMS 20.4
signal [adc counts]

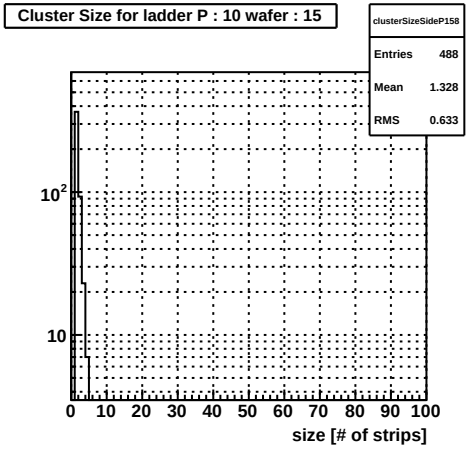

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 1404
Mean 1.116
RMS 0.3977
size [# of strips]

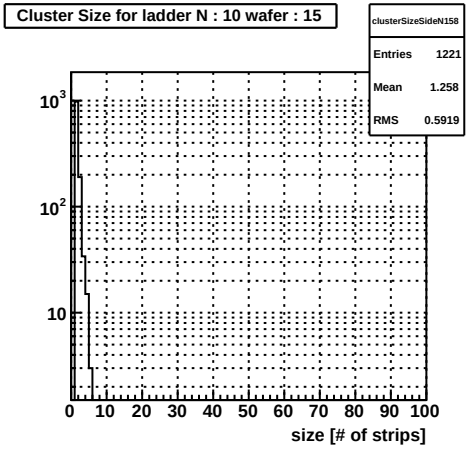

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2391
Mean 1.421
RMS 0.8674
size [# of strips]

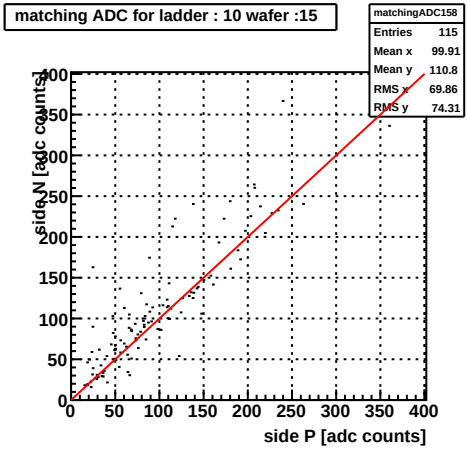

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 161
Mean x 84.5
Mean y 81.03
RMS x 66.55
RMS y 63.81
side N [adc counts]
side P [adc counts]

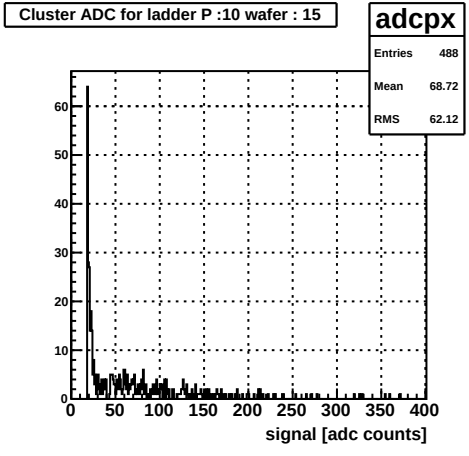

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 1404
Mean 34.98
RMS 38.18
signal [adc counts]

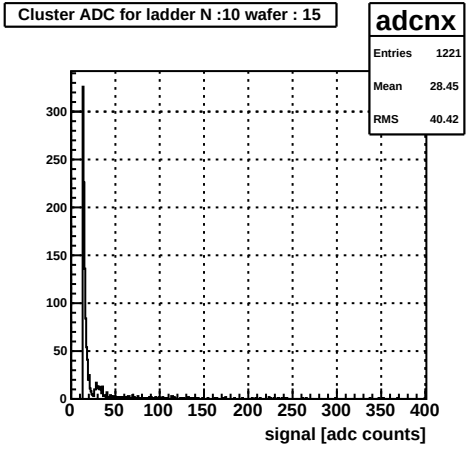

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2391
Mean 29.43
RMS 32.26
signal [adc counts]

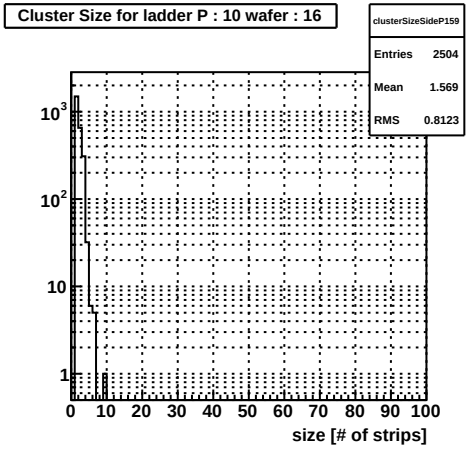

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 488
Mean 1.328
RMS 0.633
size [# of strips]

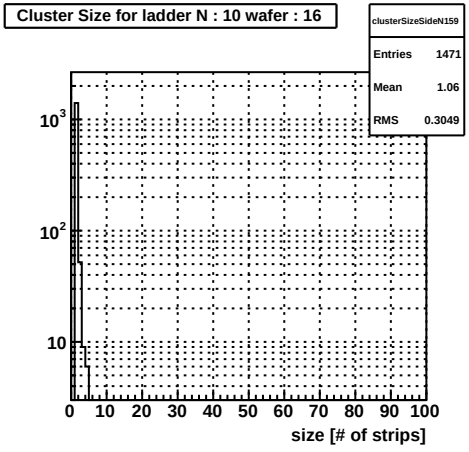

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 1221
Mean 1.258
RMS 0.5919
size [# of strips]

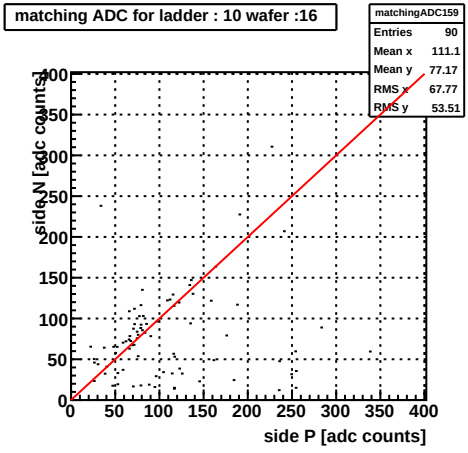

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 115
Mean x 99.91
Mean y 110.8
RMS x 69.86
RMS y 74.31
side N [adc counts]
side P [adc counts]

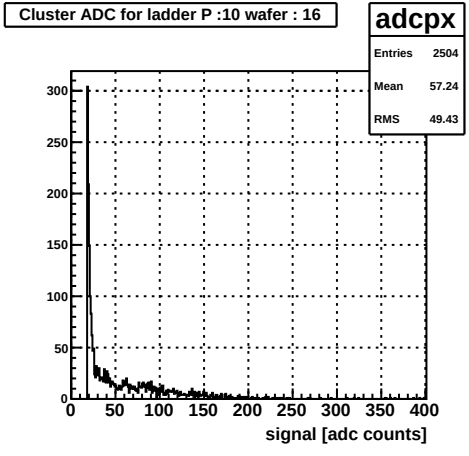

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 488
Mean 68.72
RMS 62.12
signal [adc counts]

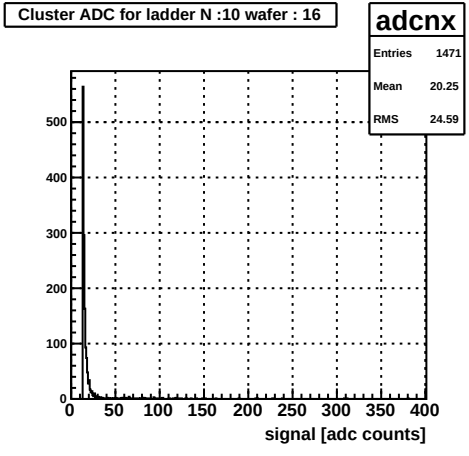

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 1221
Mean 28.45
RMS 40.42
signal [adc counts]

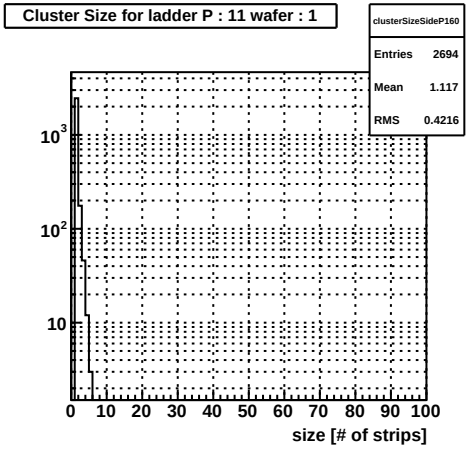

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 2504
Mean 1.569
RMS 0.8123
size [# of strips]

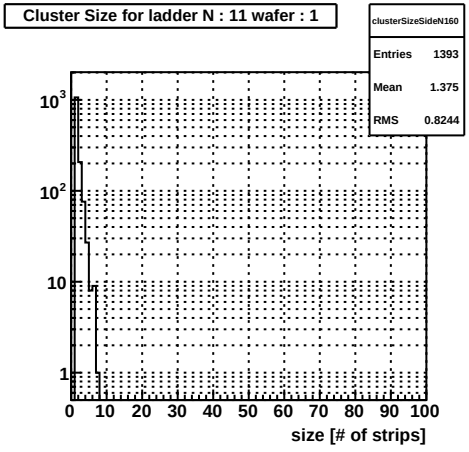

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 1471
Mean 1.06
RMS 0.3049
size [# of strips]

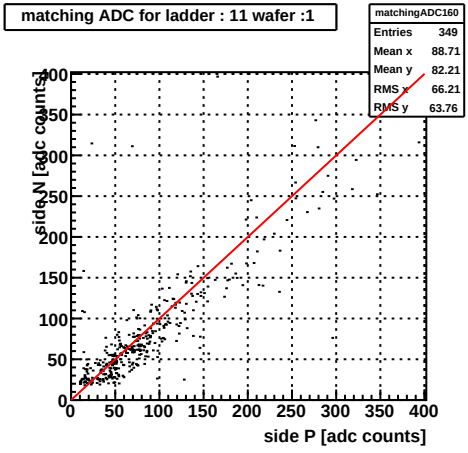

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 90
Mean x 111.1
Mean y 77.17
RMS x 67.77
RMS y 53.51
side N [adc counts]
side P [adc counts]

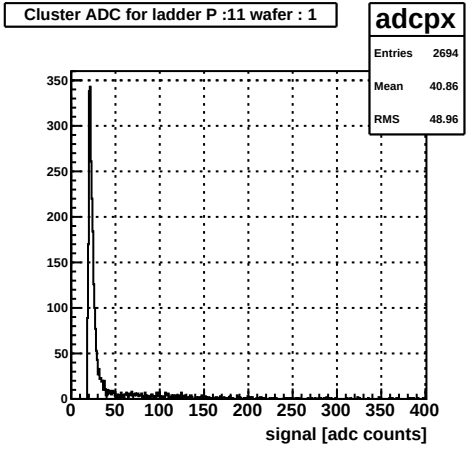

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 2504
Mean 57.24
RMS 49.43
signal [adc counts]

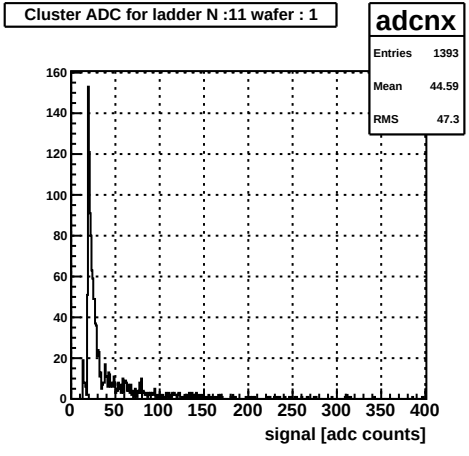

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 1471
Mean 20.25
RMS 24.59
signal [adc counts]

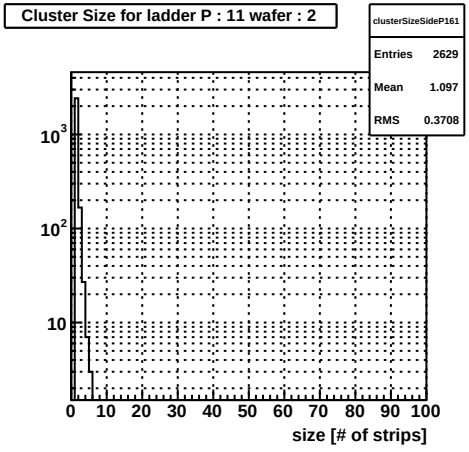

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 2694
Mean 1.117
RMS 0.4216
size [# of strips]

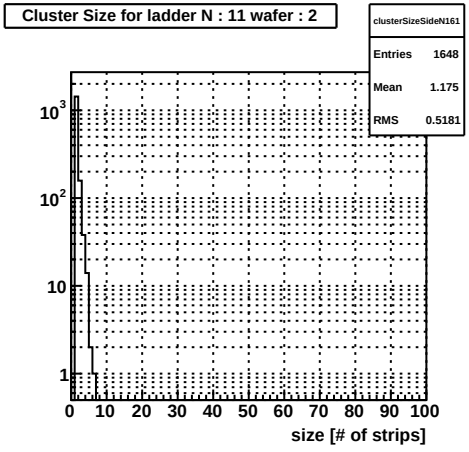

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1393
Mean 1.375
RMS 0.8244
size [# of strips]

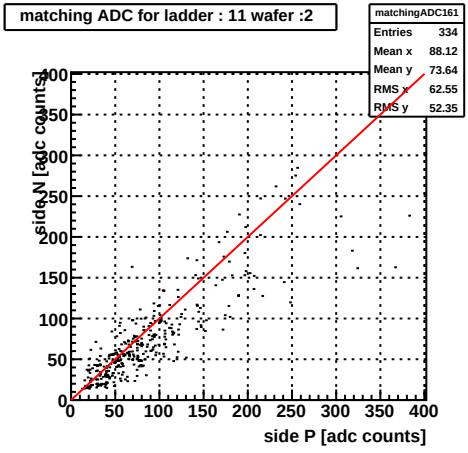

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 349
Mean x 88.71
Mean y 82.21
RMS x 66.21
RMS y 63.76
side N [adc counts]
side P [adc counts]

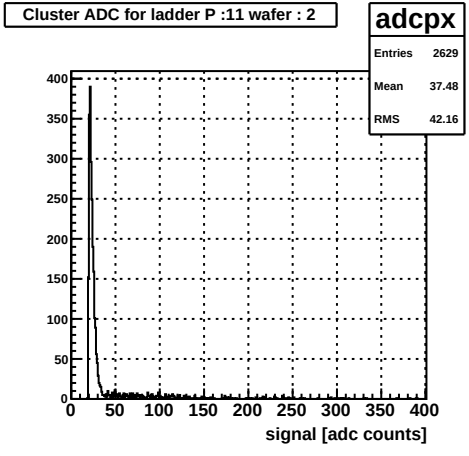

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 2694
Mean 40.86
RMS 48.96
signal [adc counts]

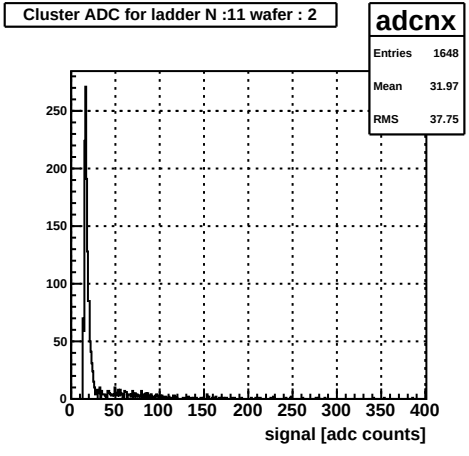

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1393
Mean 44.59
RMS 47.3
signal [adc counts]

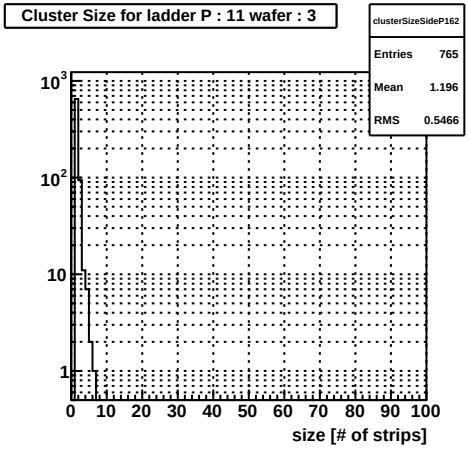

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 2629
Mean 1.097
RMS 0.3708
size [# of strips]

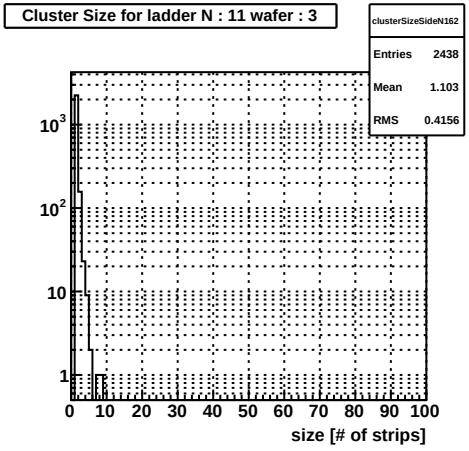

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 1648
Mean 1.175
RMS 0.5181
size [# of strips]

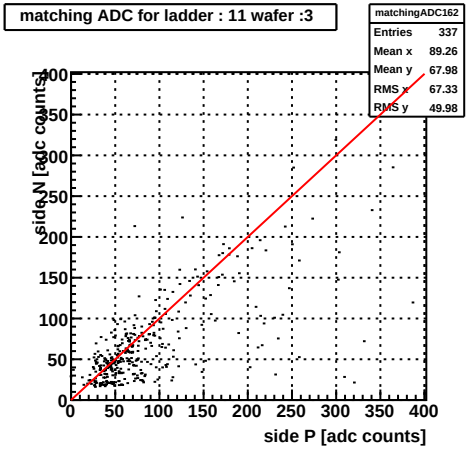

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 334
Mean x 88.12
Mean y 73.64
RMS x 62.55
RMS y 52.35
side N [adc counts]
side P [adc counts]

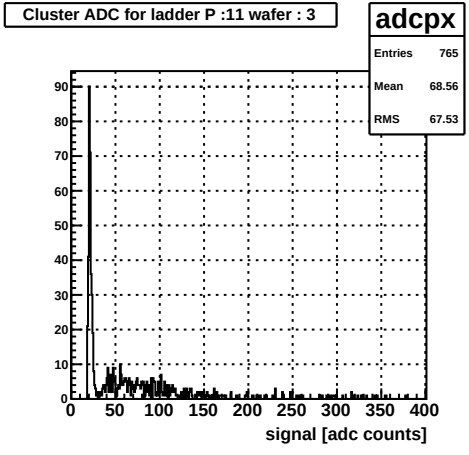

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 2629
Mean 37.48
RMS 42.16
signal [adc counts]

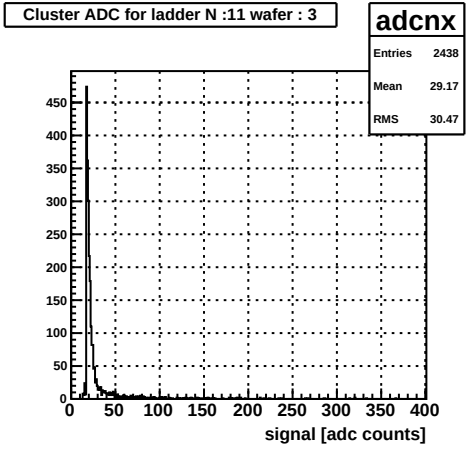

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 1648
Mean 31.97
RMS 37.75
signal [adc counts]

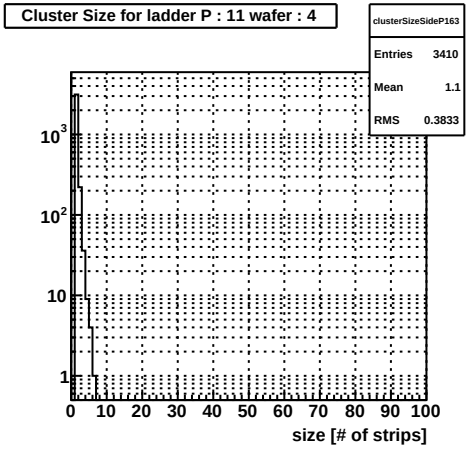

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 765
Mean 1.196
RMS 0.5466
size [# of strips]

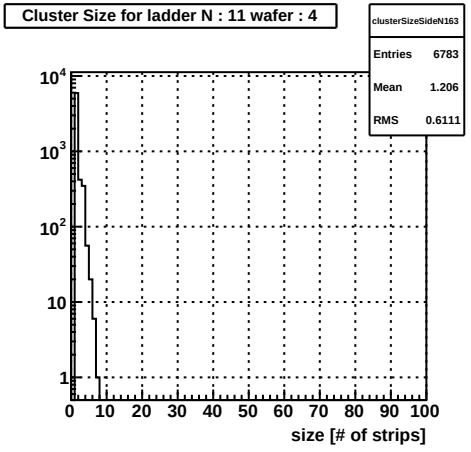

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 2438
Mean 1.103
RMS 0.4156
size [# of strips]

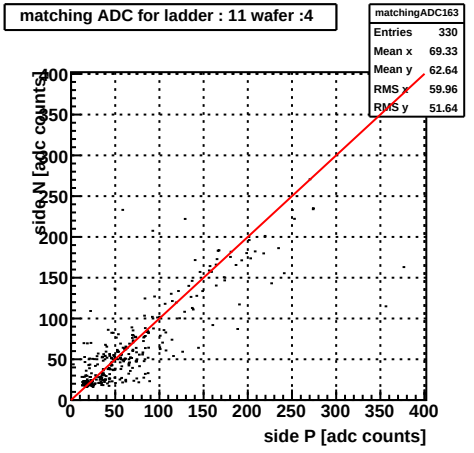

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 337
Mean x 89.26
Mean y 67.98
RMS x 67.33
RMS y 49.98
side N [adc counts]
side P [adc counts]

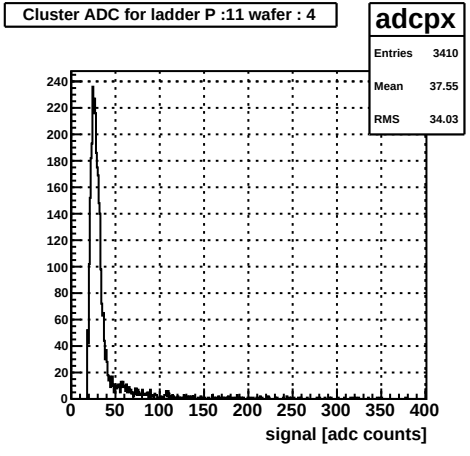

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 765
Mean 68.56
RMS 67.53
signal [adc counts]

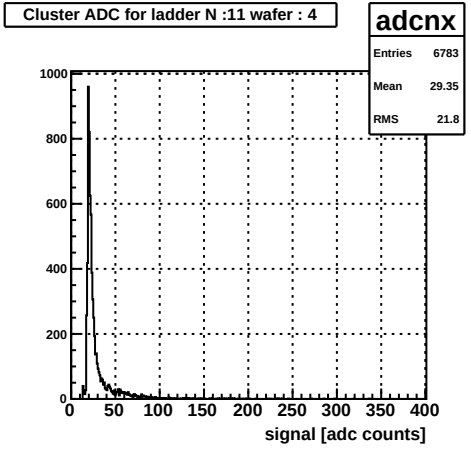

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 2438
Mean 29.17
RMS 30.47
signal [adc counts]

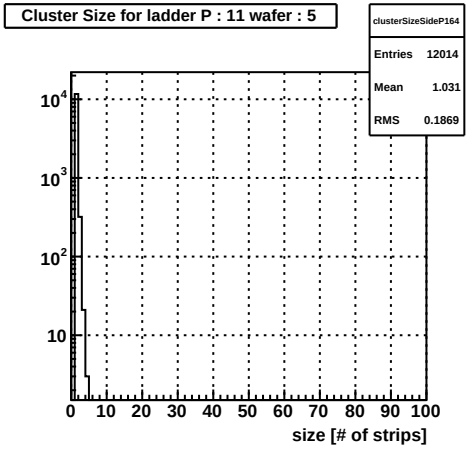

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 3410
Mean 1.1
RMS 0.3833
size [# of strips]

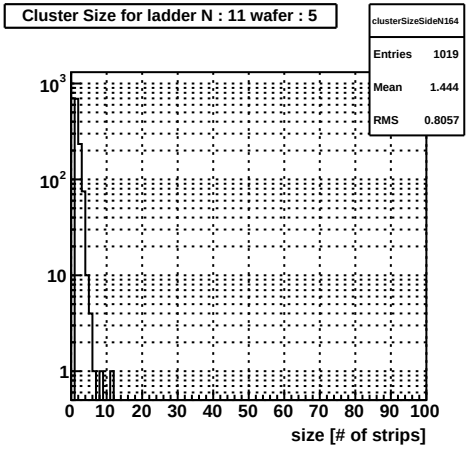

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 6783
Mean 1.206
RMS 0.6111
size [# of strips]

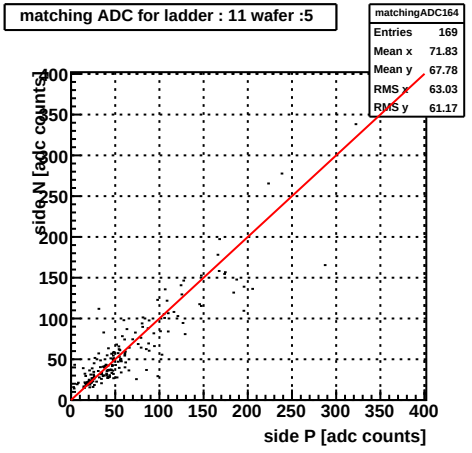

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 330
Mean x 69.33
Mean y 62.64
RMS x 59.96
RMS y 51.64
side N [adc counts]
side P [adc counts]

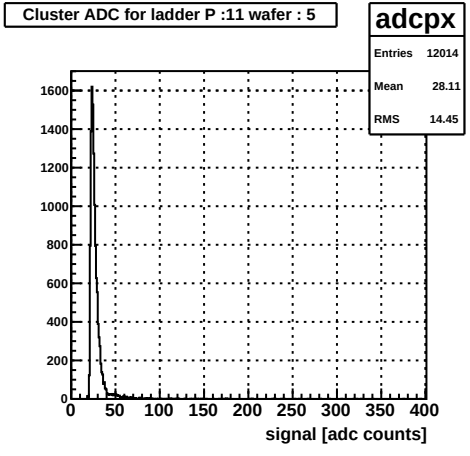

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 3410
Mean 37.55
RMS 34.03
signal [adc counts]

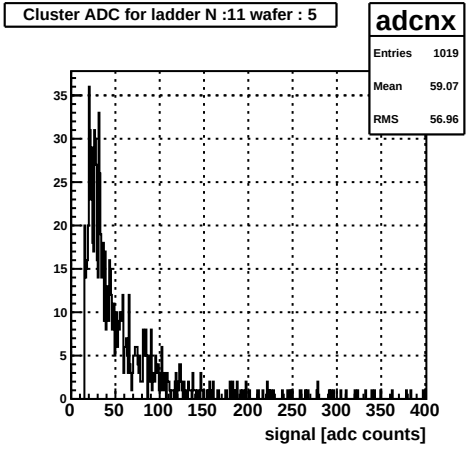

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 6783
Mean 29.35
RMS 21.8
signal [adc counts]

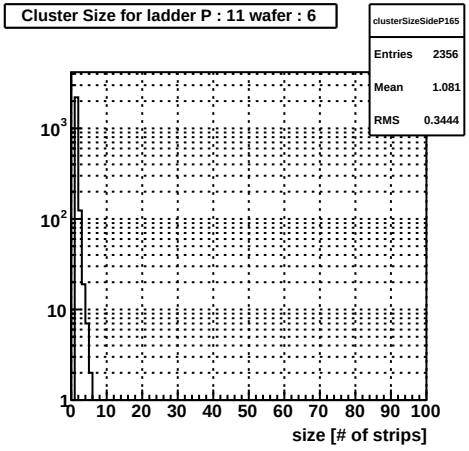

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 12014
Mean 1.031
RMS 0.1869
size [# of strips]

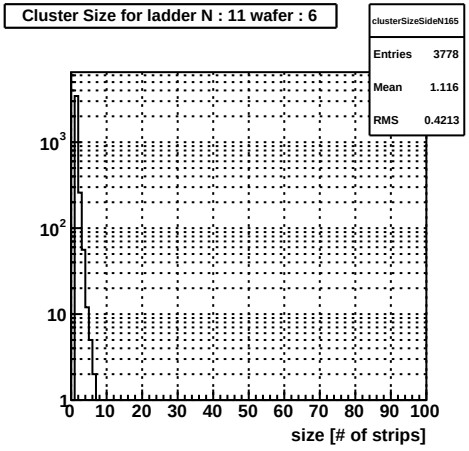

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1019
Mean 1.444
RMS 0.8057
size [# of strips]

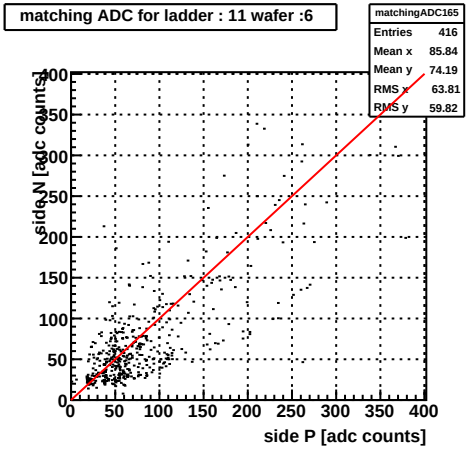

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 169
Mean x 71.83
Mean y 67.78
RMS x 63.03
RMS y 61.17
side N [adc counts]
side P [adc counts]

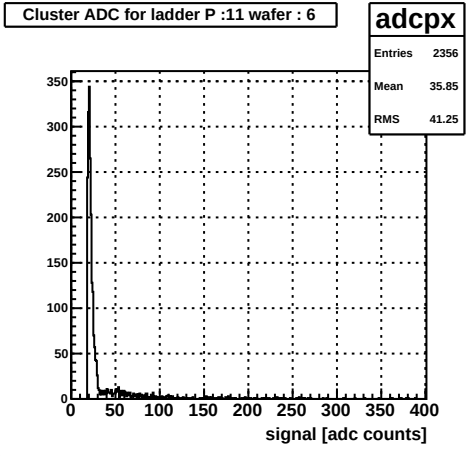

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 12014
Mean 28.11
RMS 14.45
signal [adc counts]

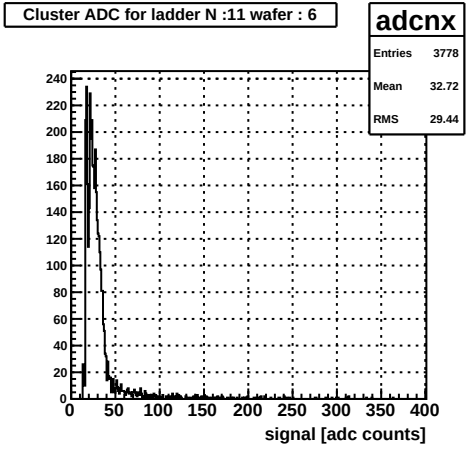

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1019
Mean 59.07
RMS 56.96
signal [adc counts]

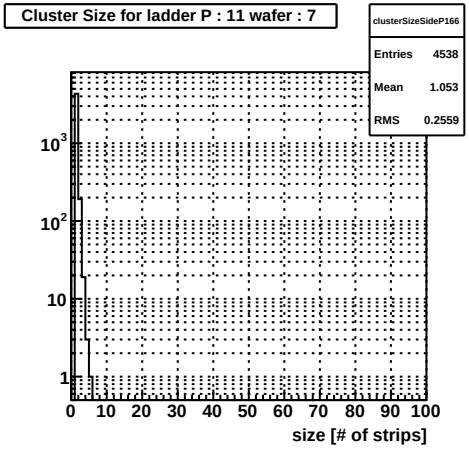

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 2356
Mean 1.081
RMS 0.3444
size [# of strips]

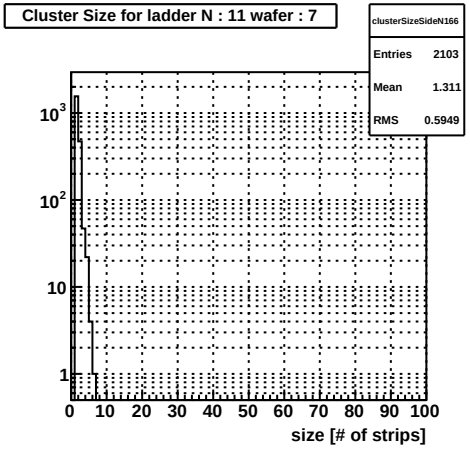

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 3778
Mean 1.116
RMS 0.4213
size [# of strips]

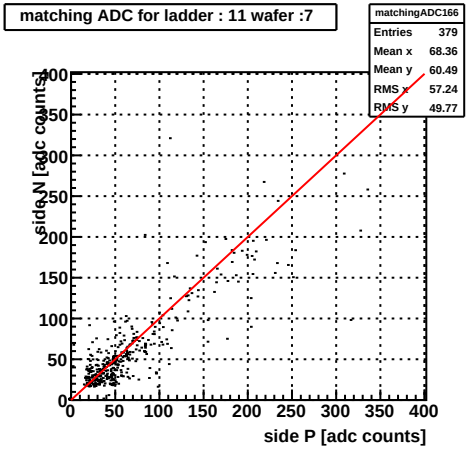

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 416
Mean x 85.84
Mean y 74.19
RMS x 63.81
RMS y 59.82
side N [adc counts]
side P [adc counts]

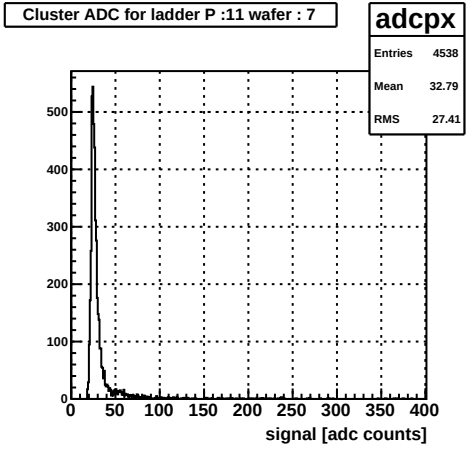

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 2356
Mean 35.85
RMS 41.25
signal [adc counts]

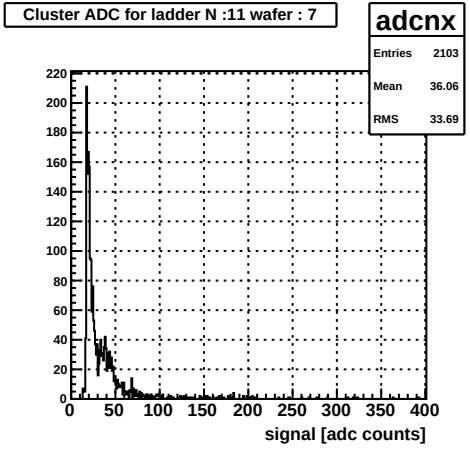

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 3778
Mean 32.72
RMS 29.44
signal [adc counts]

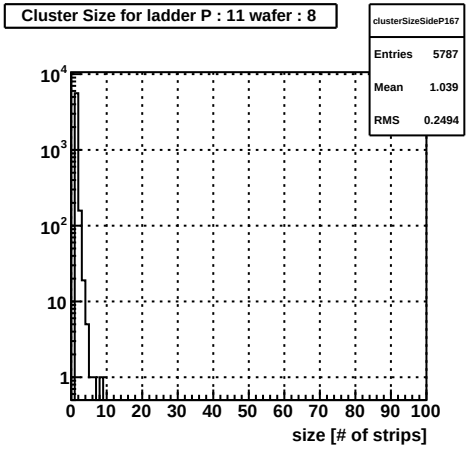

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 4538
Mean 1.053
RMS 0.2559
size [# of strips]

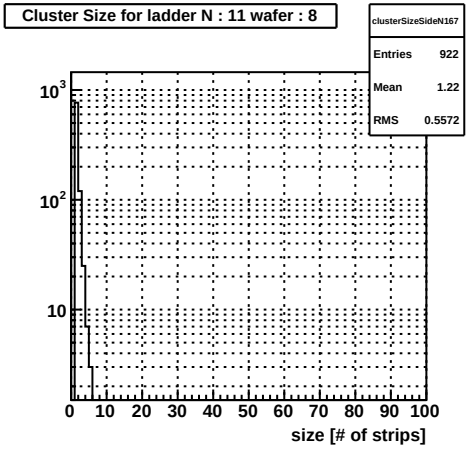

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 2103
Mean 1.311
RMS 0.5949
size [# of strips]

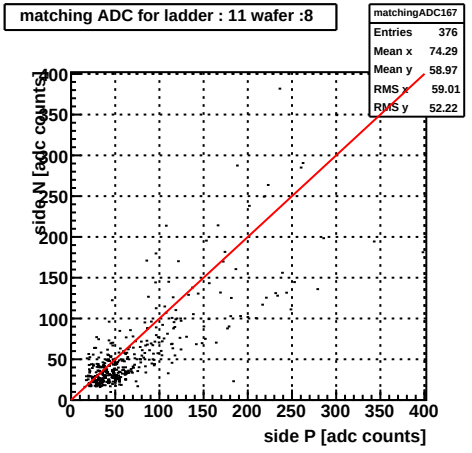

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 379
Mean x 68.36
Mean y 60.49
RMS x 57.24
RMS y 49.77
side N [adc counts]
side P [adc counts]

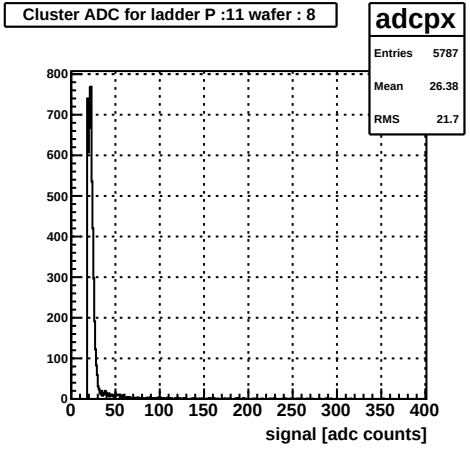

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 4538
Mean 32.79
RMS 27.41
signal [adc counts]

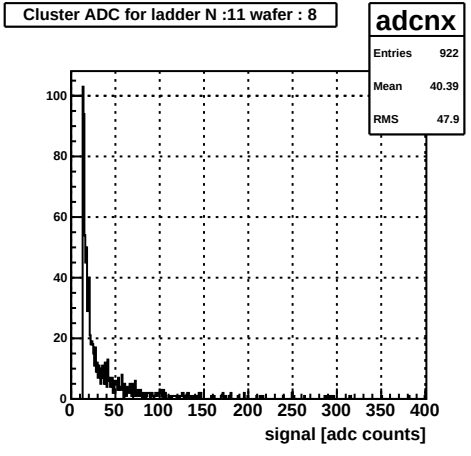

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 2103
Mean 36.06
RMS 33.69
signal [adc counts]

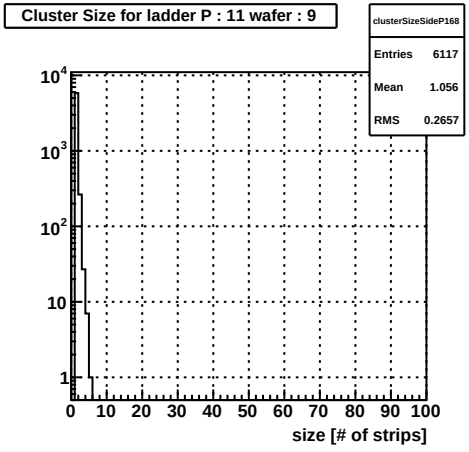

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 5787
Mean 1.039
RMS 0.2494
size [# of strips]

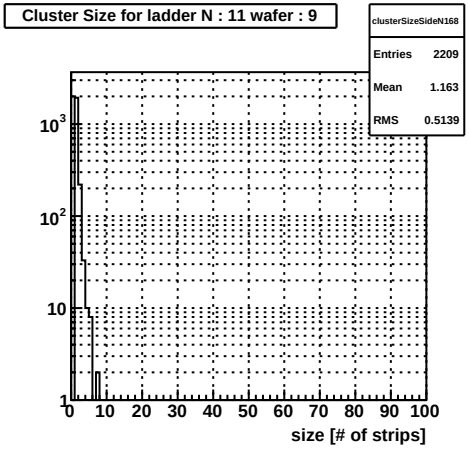

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 922
Mean 1.22
RMS 0.5572
size [# of strips]

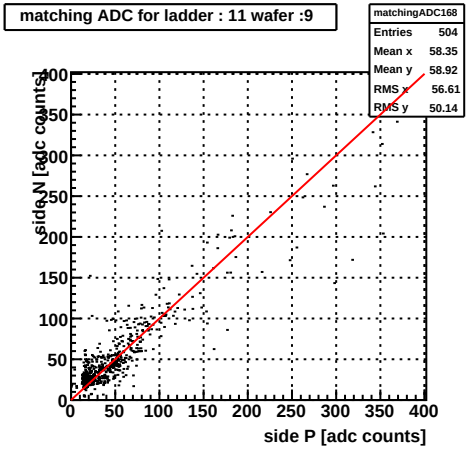

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 376
Mean x 74.29
Mean y 58.97
RMS x 59.01
RMS y 52.22
side N [adc counts]
side P [adc counts]

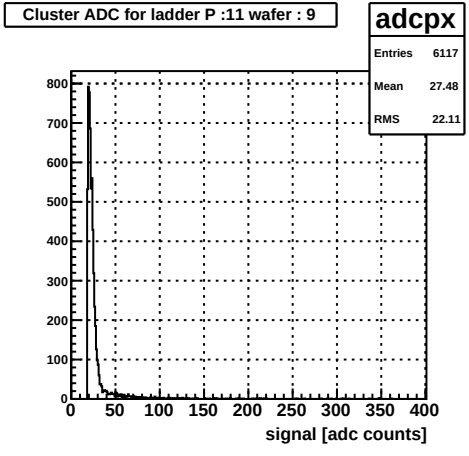

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 5787
Mean 26.38
RMS 21.7
signal [adc counts]

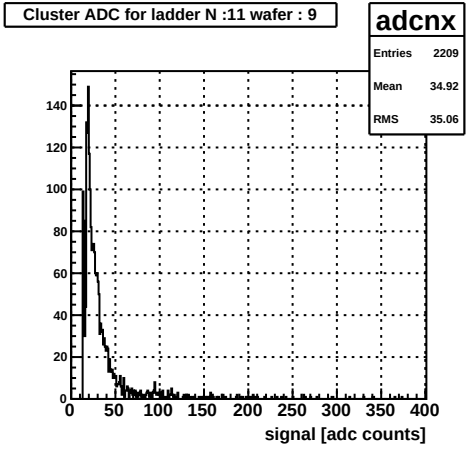

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 922
Mean 40.39
RMS 47.9
signal [adc counts]

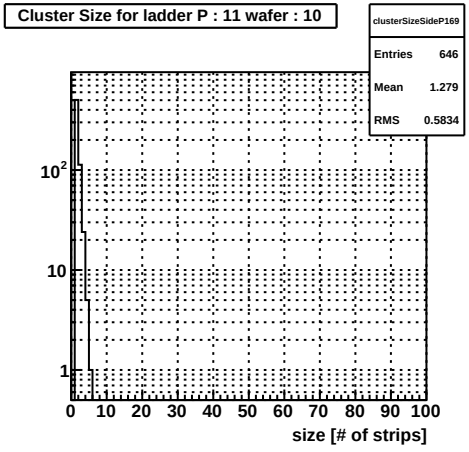

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 6117
Mean 1.056
RMS 0.2657
size [# of strips]

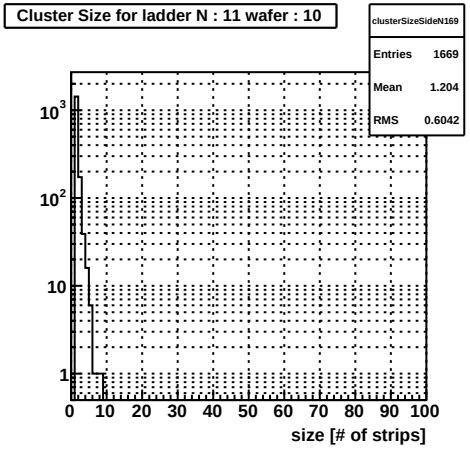

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 2209
Mean 1.163
RMS 0.5139
size [# of strips]

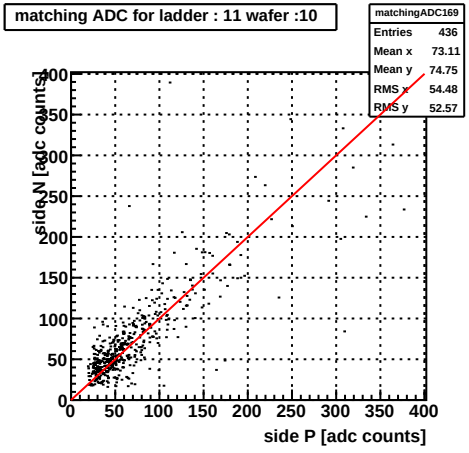

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 504
Mean x 58.35
Mean y 58.92
RMS x 56.61
RMS y 50.14
side N [adc counts]
side P [adc counts]

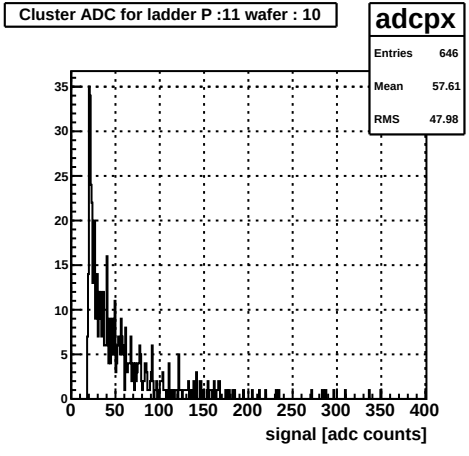

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 6117
Mean 27.48
RMS 22.11
signal [adc counts]

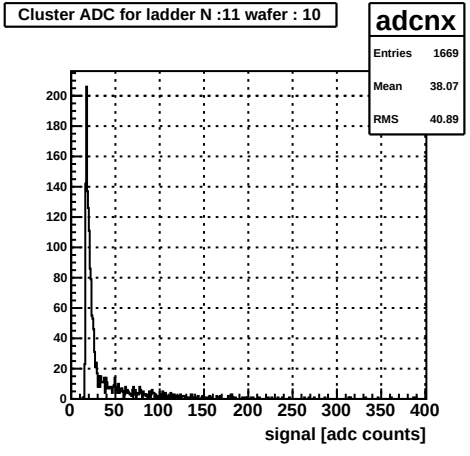

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 2209
Mean 34.92
RMS 35.06
signal [adc counts]

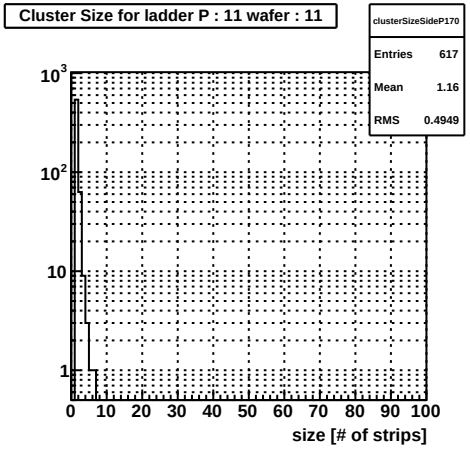

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 646
Mean 1.279
RMS 0.5834
size [# of strips]

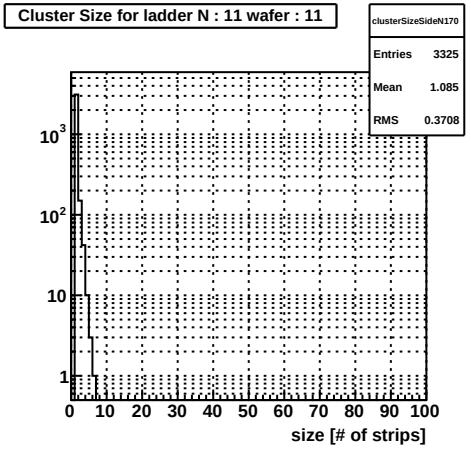

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 1669
Mean 1.204
RMS 0.6042
size [# of strips]

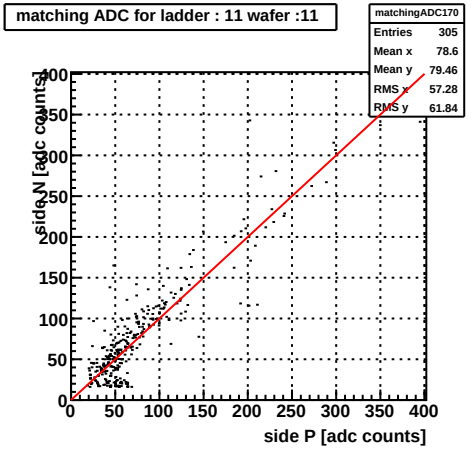

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 436
Mean x 73.11
Mean y 74.75
RMS x 54.48
RMS y 52.57
side N [adc counts]
side P [adc counts]

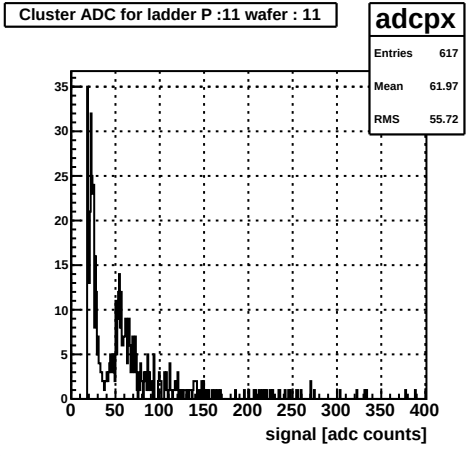

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 646
Mean 57.61
RMS 47.98
signal [adc counts]

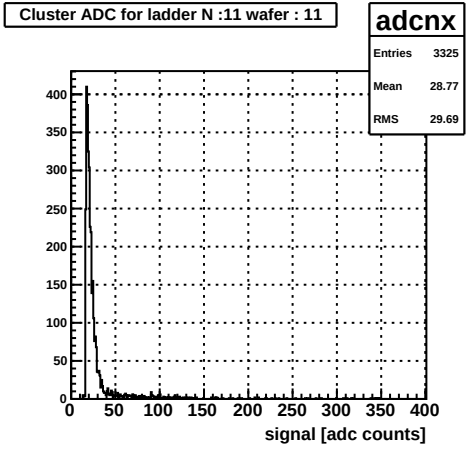

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 1669
Mean 38.07
RMS 40.89
signal [adc counts]

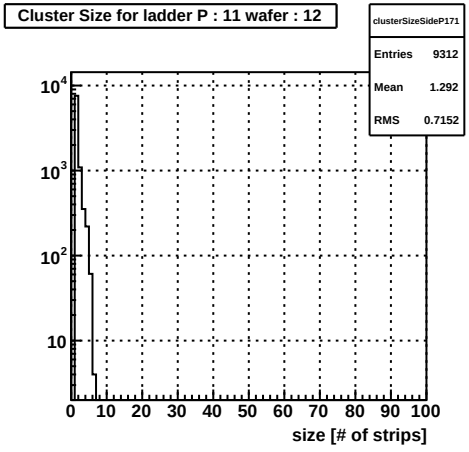

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 617
Mean 1.16
RMS 0.4949
size [# of strips]

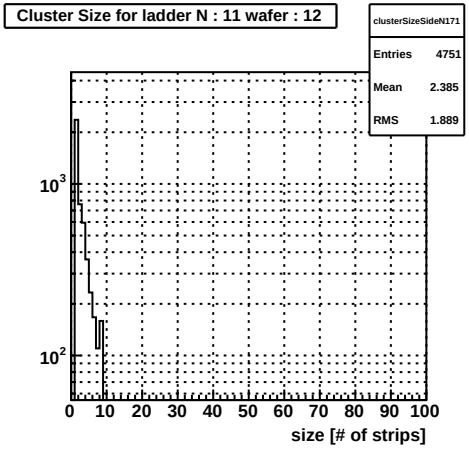

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 3325
Mean 1.085
RMS 0.3708
size [# of strips]

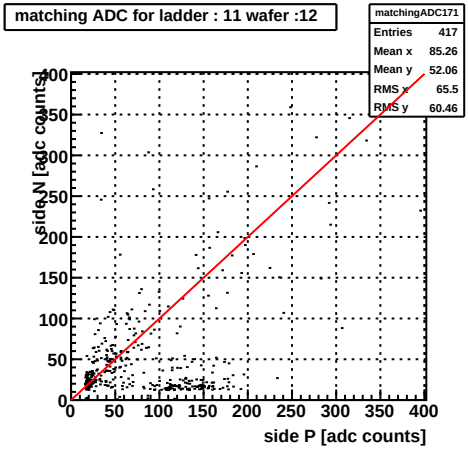

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 305
Mean x 78.6
Mean y 79.46
RMS x 57.28
RMS y 61.84
side N [adc counts]
side P [adc counts]

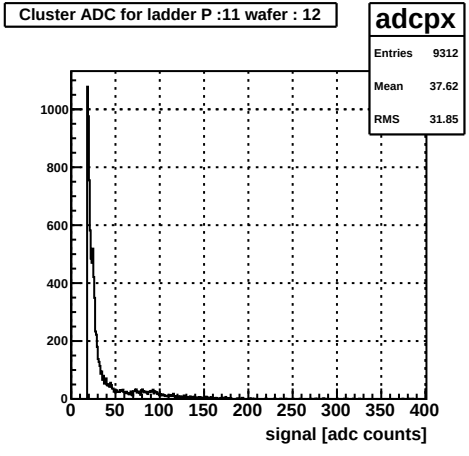

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 617
Mean 61.97
RMS 55.72
signal [adc counts]

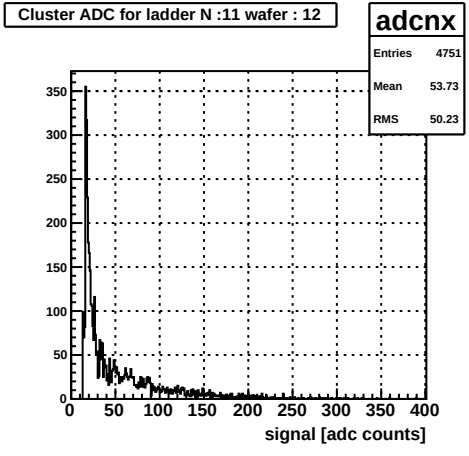

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 3325
Mean 28.77
RMS 29.69
signal [adc counts]

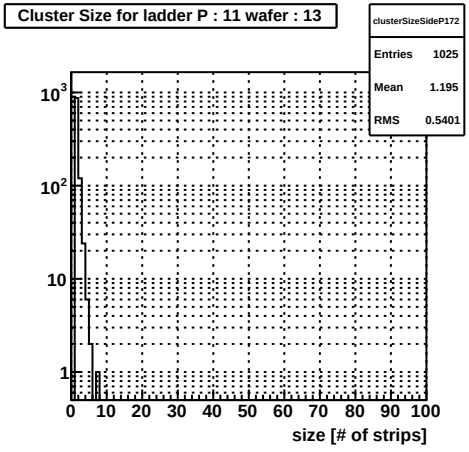

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 9312
Mean 1.292
RMS 0.7152
size [# of strips]

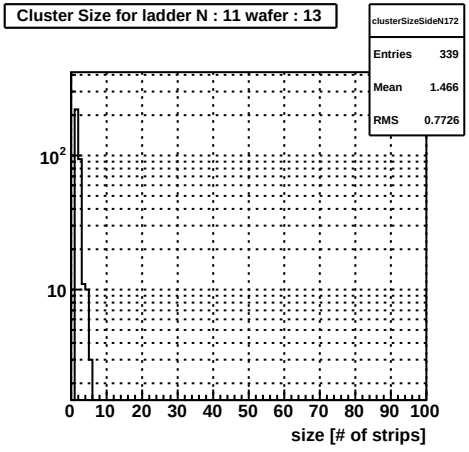

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 4751
Mean 2.385
RMS 1.889
size [# of strips]

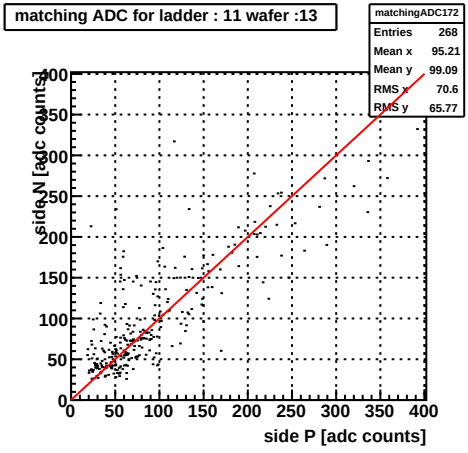

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 417
Mean x 85.26
Mean y 52.06
RMS x 65.5
RMS y 60.46
side N [adc counts]
side P [adc counts]

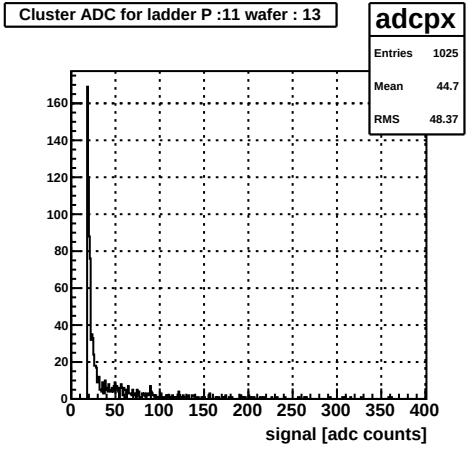

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 9312
Mean 37.62
RMS 31.85
signal [adc counts]

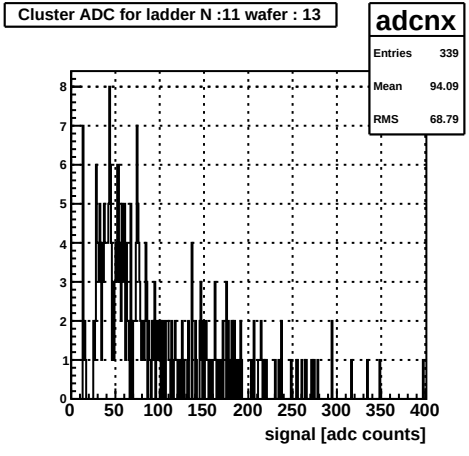

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 4751
Mean 53.73
RMS 50.23
signal [adc counts]

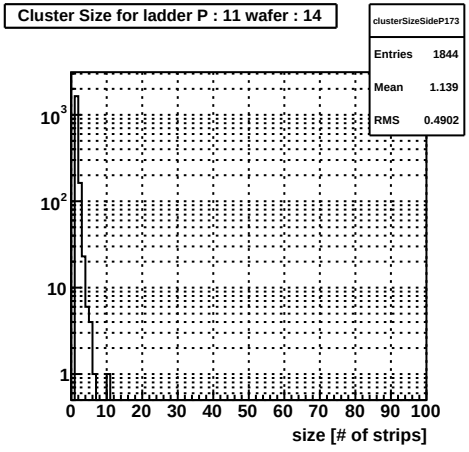

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 1025
Mean 1.195
RMS 0.5401
size [# of strips]

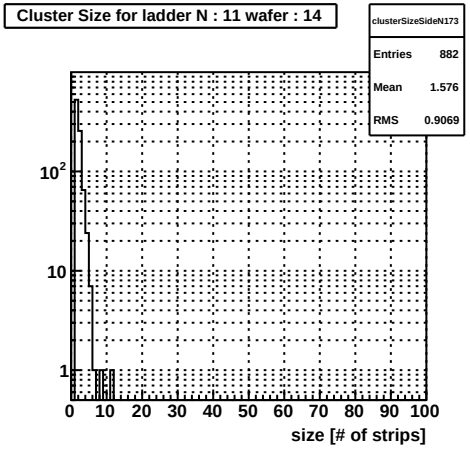

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 339
Mean 1.466
RMS 0.7726
size [# of strips]

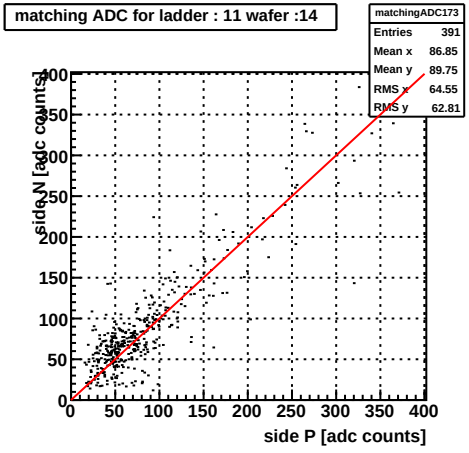

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 268
Mean x 95.21
Mean y 99.09
RMS x 70.6
RMS y 65.77
side N [adc counts]
side P [adc counts]

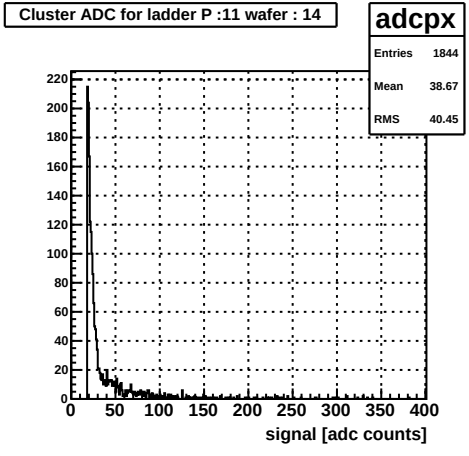

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 1025
Mean 44.7
RMS 48.37
signal [adc counts]

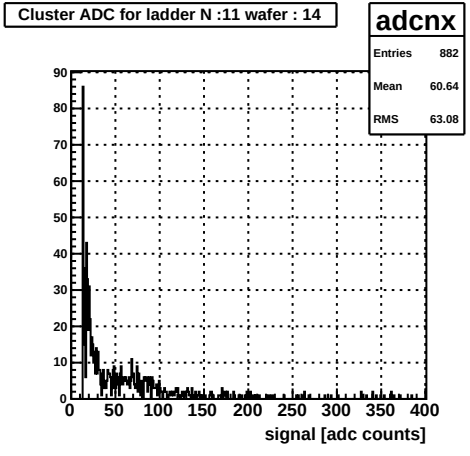

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 339
Mean 94.09
RMS 68.79
signal [adc counts]

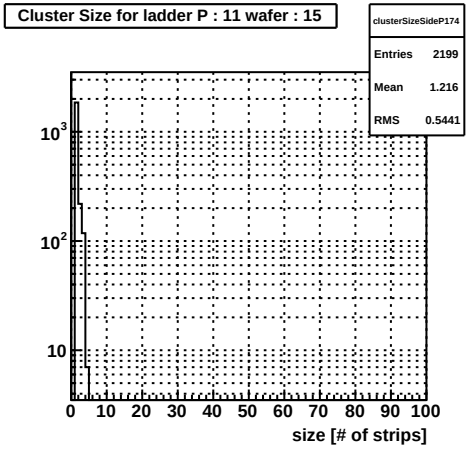

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 1844
Mean 1.139
RMS 0.4902
size [# of strips]

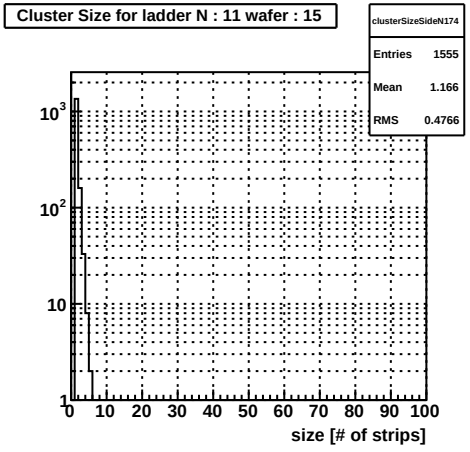

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 882
Mean 1.576
RMS 0.9069
size [# of strips]

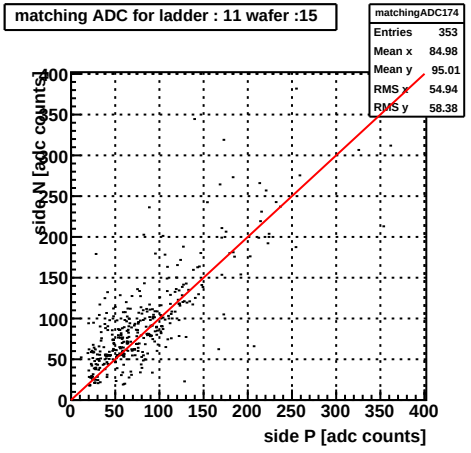

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 391
Mean x 86.85
Mean y 89.75
RMS x 64.55
RMS y 62.81
side N [adc counts]
side P [adc counts]

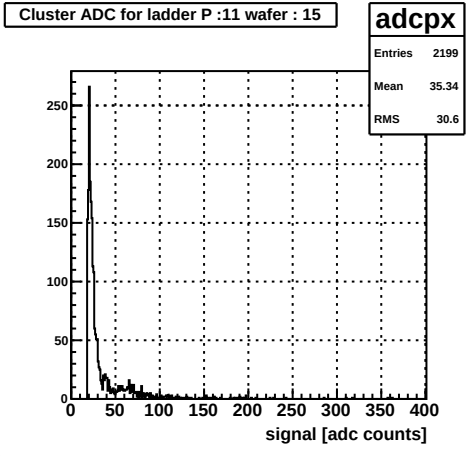

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 1844
Mean 38.67
RMS 40.45
signal [adc counts]

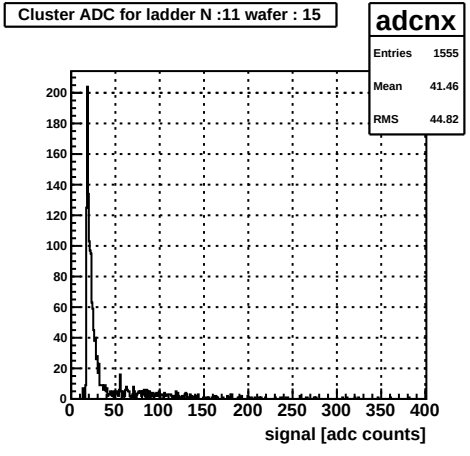

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 882
Mean 60.64
RMS 63.08
signal [adc counts]

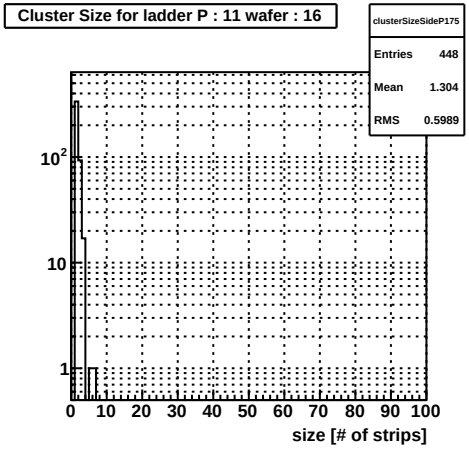

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 2199
Mean 1.216
RMS 0.5441
size [# of strips]

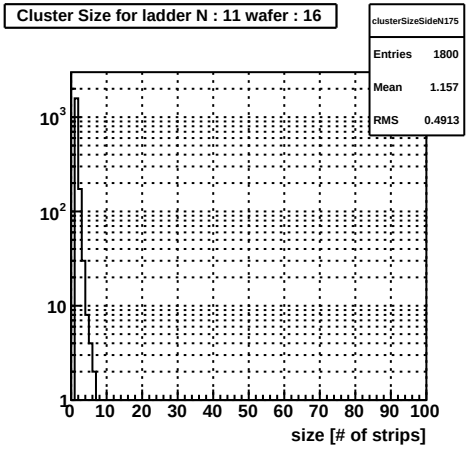

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 1555
Mean 1.166
RMS 0.4766
size [# of strips]

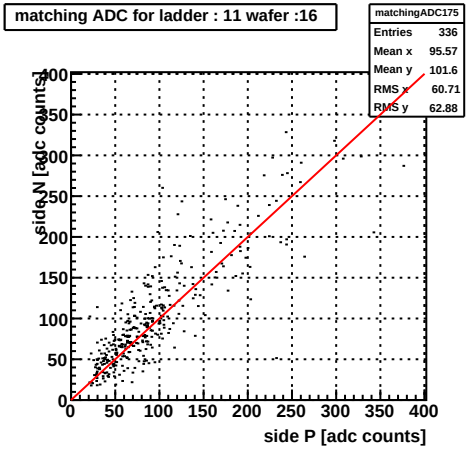

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 353
Mean x 84.98
Mean y 95.01
RMS x 54.94
RMS y 58.38
side N [adc counts]
side P [adc counts]

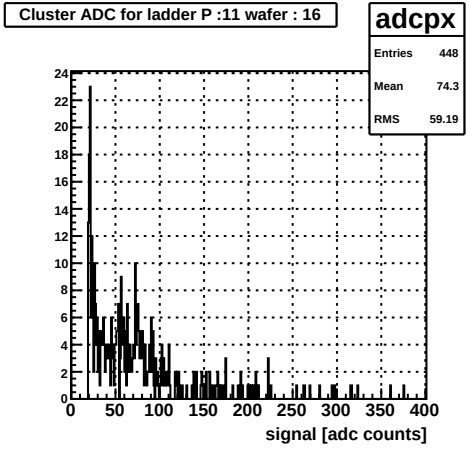

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 2199
Mean 35.34
RMS 30.6
signal [adc counts]

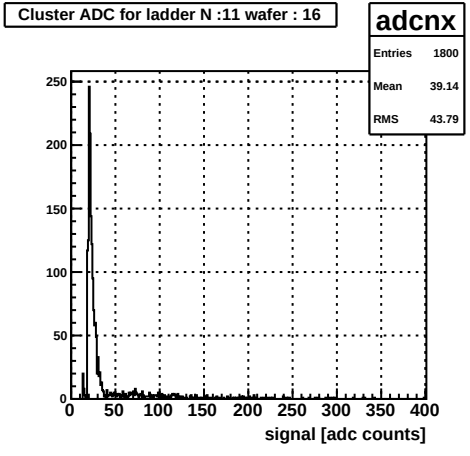

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 1555
Mean 41.46
RMS 44.82
signal [adc counts]

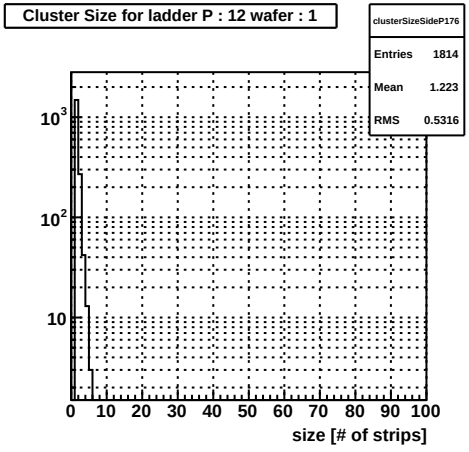

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 448
Mean 1.304
RMS 0.5989
size [# of strips]

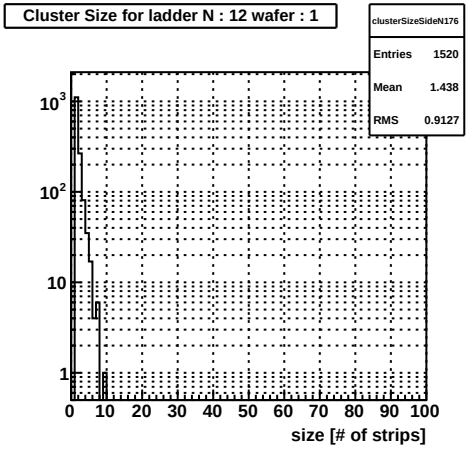

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 1800
Mean 1.157
RMS 0.4913
size [# of strips]

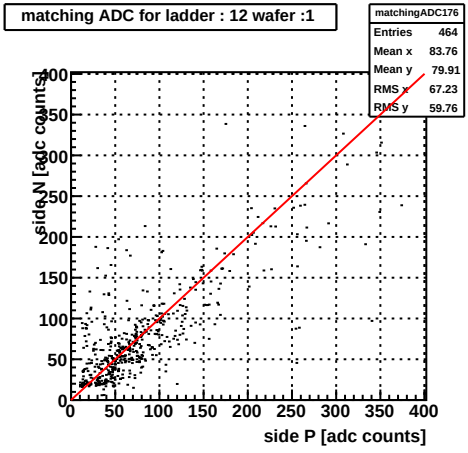

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 336
Mean x 95.57
Mean y 101.6
RMS x 60.71
RMS y 62.88
side N [adc counts]
side P [adc counts]

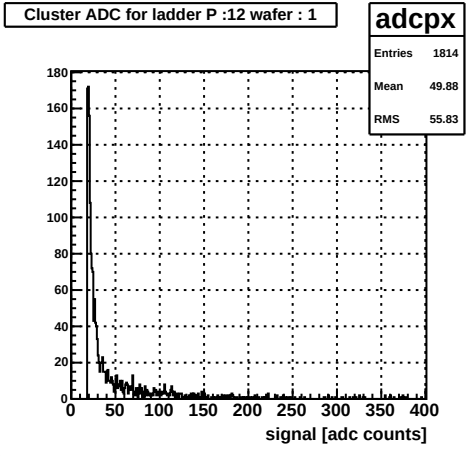

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 448
Mean 74.3
RMS 59.19
signal [adc counts]

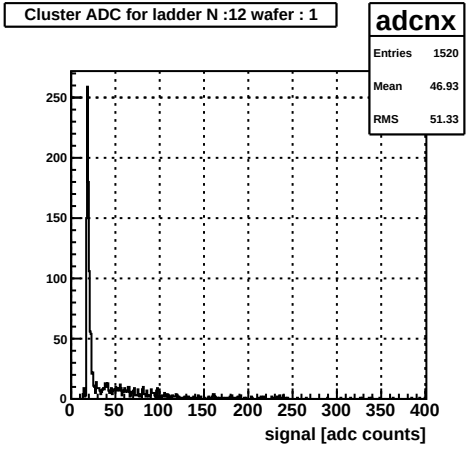

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 1800
Mean 39.14
RMS 43.79
signal [adc counts]

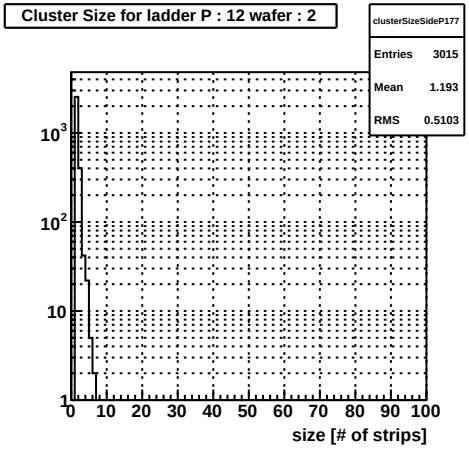

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 1814
Mean 1.223
RMS 0.5316
size [# of strips]

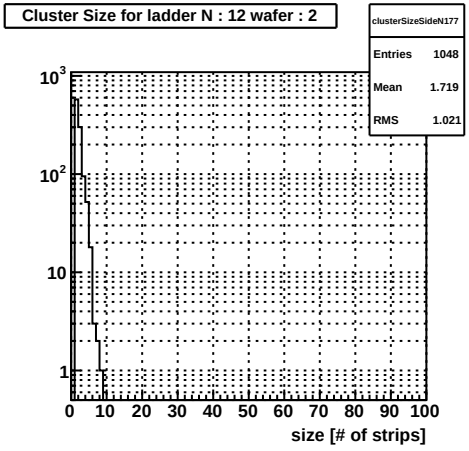

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 1520
Mean 1.438
RMS 0.9127
size [# of strips]

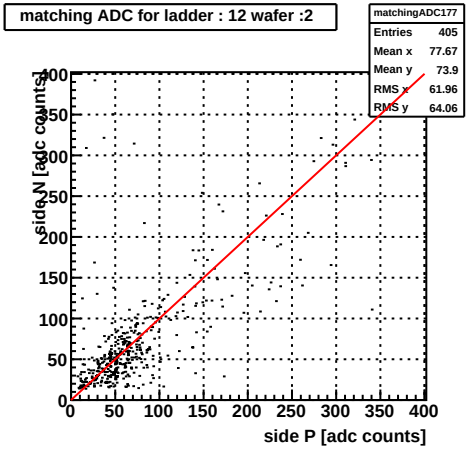

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 464
Mean x 83.76
Mean y 79.91
RMS x 67.23
RMS y 59.76
side N [adc counts]
side P [adc counts]

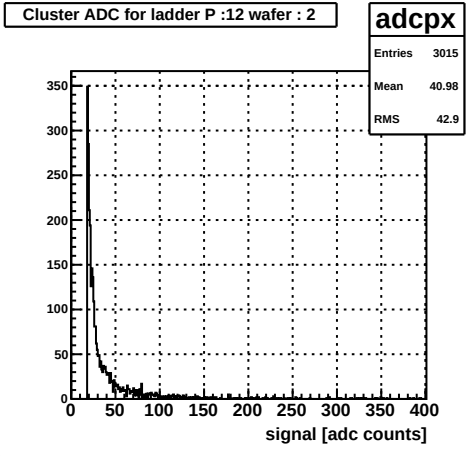

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 1814
Mean 49.88
RMS 55.83
signal [adc counts]

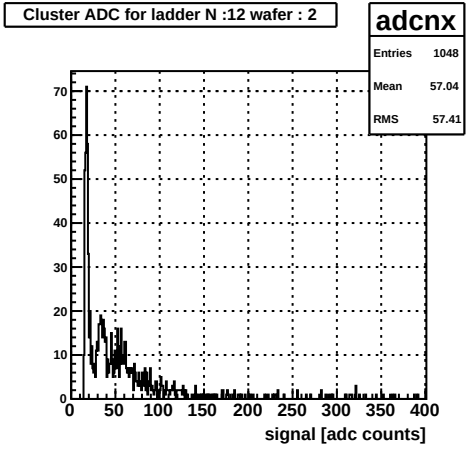

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 1520
Mean 46.93
RMS 51.33
signal [adc counts]

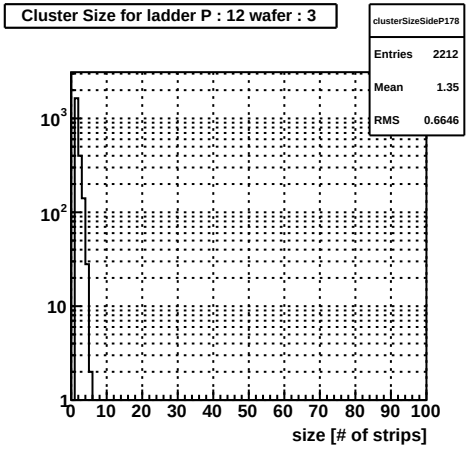

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 3015
Mean 1.193
RMS 0.5103
size [# of strips]

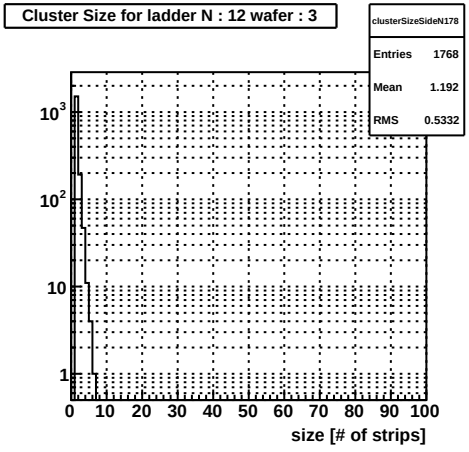

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 1048
Mean 1.719
RMS 1.021
size [# of strips]

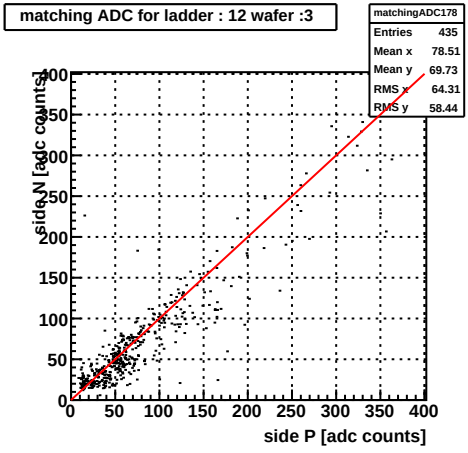

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 405
Mean x 77.67
Mean y 73.9
RMS x 61.96
RMS y 64.06
side N [adc counts]
side P [adc counts]

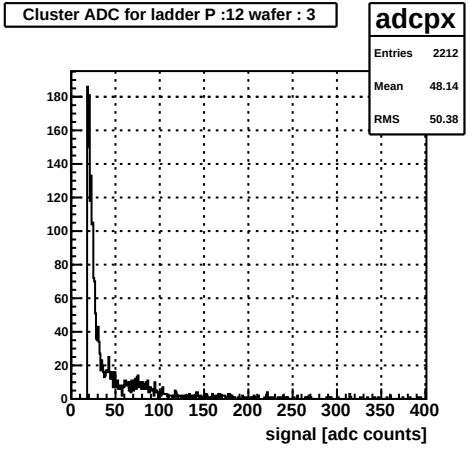

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 3015
Mean 40.98
RMS 42.9
signal [adc counts]

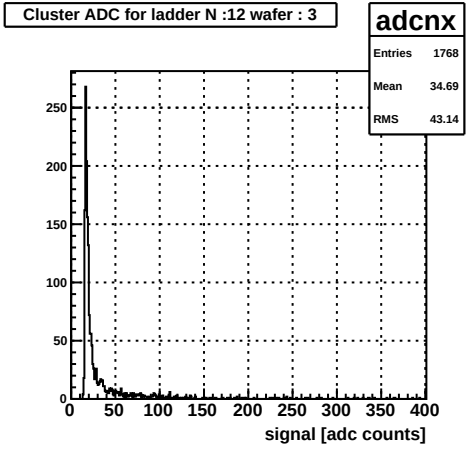

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 1048
Mean 57.04
RMS 57.41
signal [adc counts]

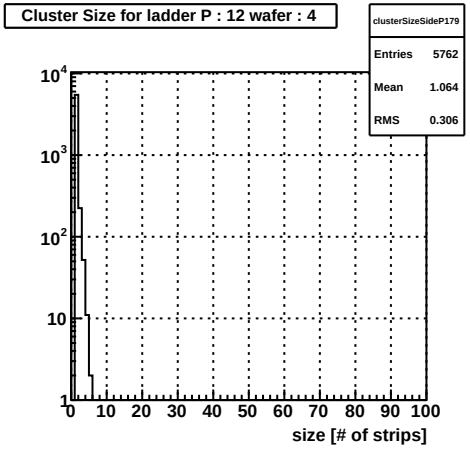

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 2212
Mean 1.35
RMS 0.6646
size [# of strips]

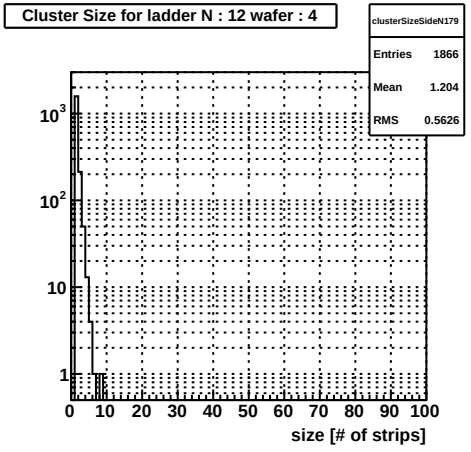

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 1768
Mean 1.192
RMS 0.5332
size [# of strips]

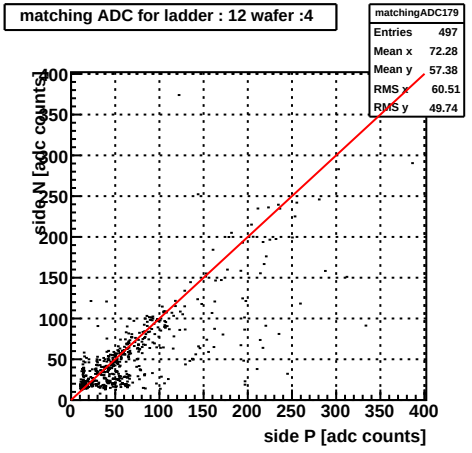

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 435
Mean x 78.51
Mean y 69.73
RMS x 64.31
RMS y 58.44
side N [adc counts]
side P [adc counts]

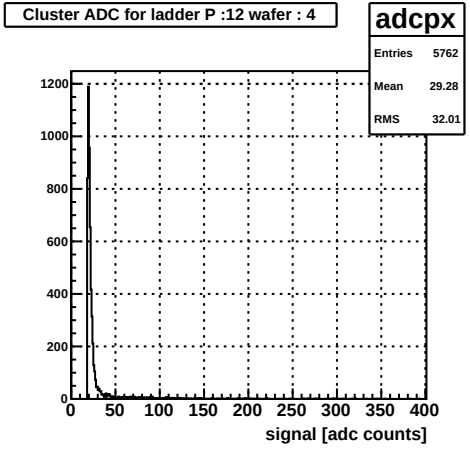

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 2212
Mean 48.14
RMS 50.38
signal [adc counts]

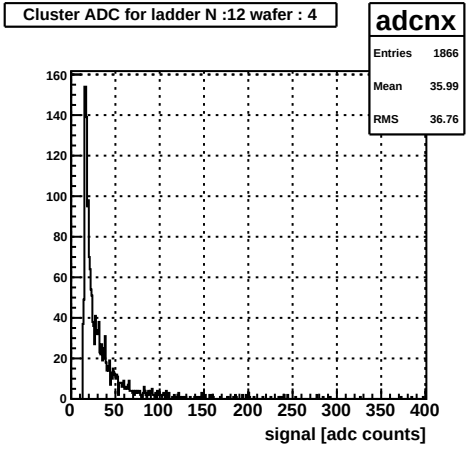

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 1768
Mean 34.69
RMS 43.14
signal [adc counts]

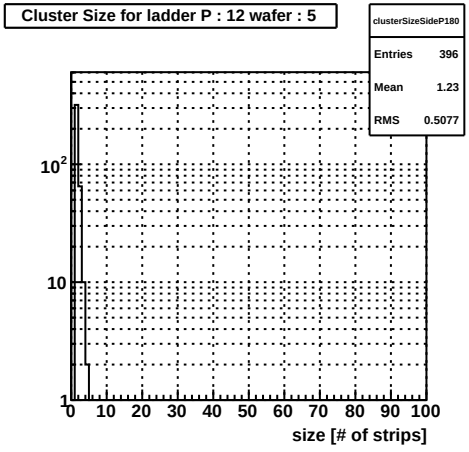

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 5762
Mean 1.064
RMS 0.306
size [# of strips]

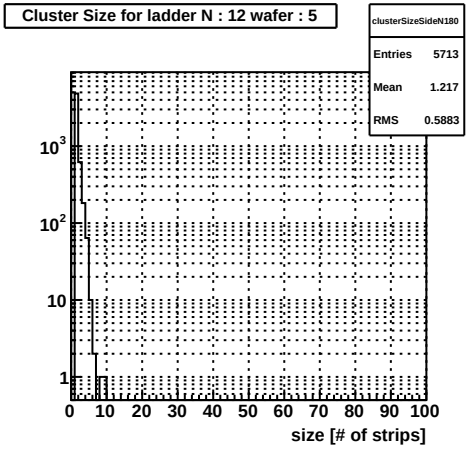

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 1866
Mean 1.204
RMS 0.5626
size [# of strips]

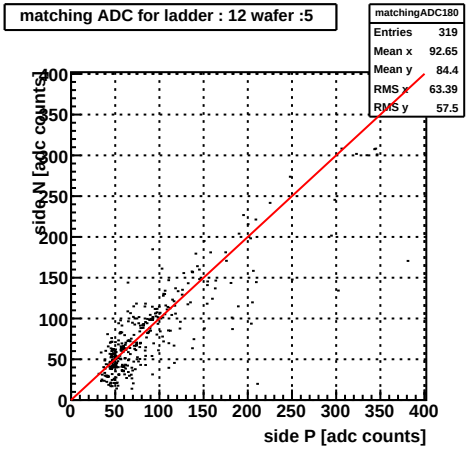

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 497
Mean x 72.28
Mean y 57.38
RMS x 60.51
RMS y 49.74
side N [adc counts]
side P [adc counts]

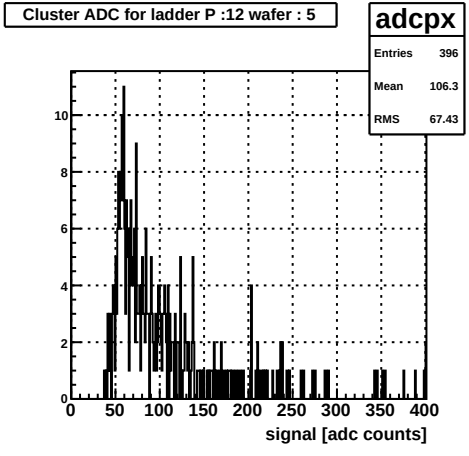

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 5762
Mean 29.28
RMS 32.01
signal [adc counts]

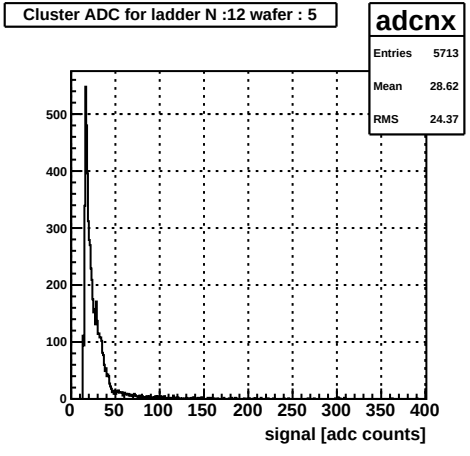

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 1866
Mean 35.99
RMS 36.76
signal [adc counts]

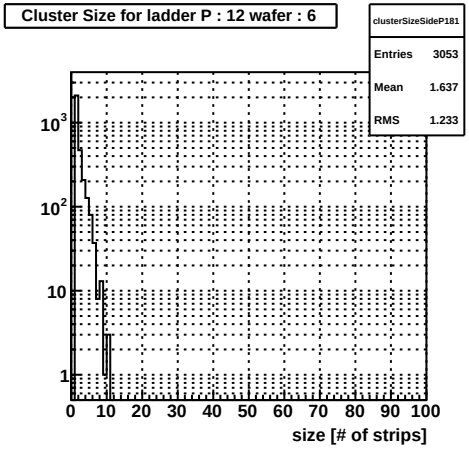

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 396
Mean 1.23
RMS 0.5077
size [# of strips]

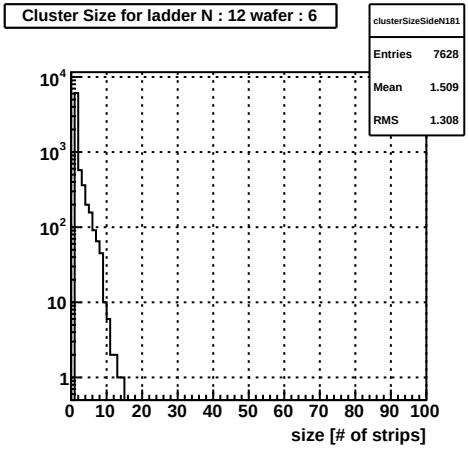

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 5713
Mean 1.217
RMS 0.5883
size [# of strips]

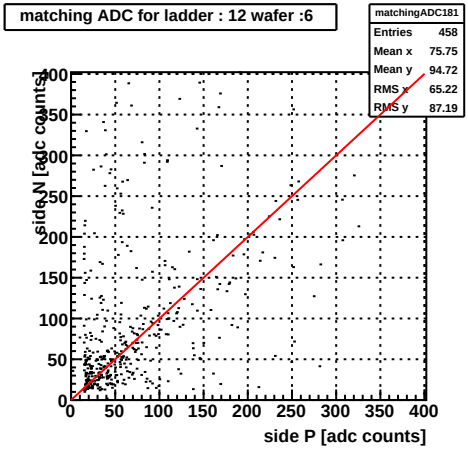

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 319
Mean x 92.65
Mean y 84.4
RMS x 63.39
RMS y 57.5
side N [adc counts]
side P [adc counts]

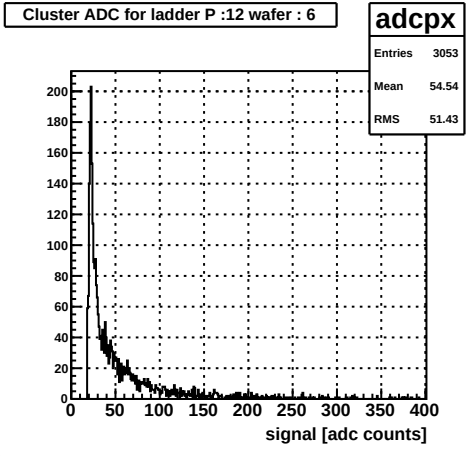

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 396
Mean 106.3
RMS 67.43
signal [adc counts]

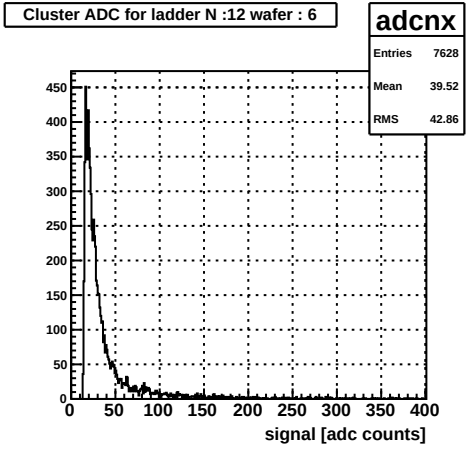

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 5713
Mean 28.62
RMS 24.37
signal [adc counts]

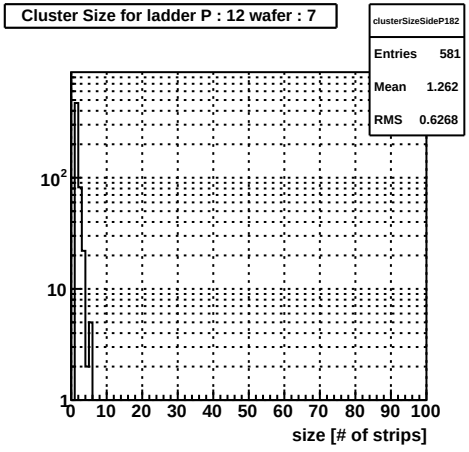

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 3053
Mean 1.637
RMS 1.233
size [# of strips]

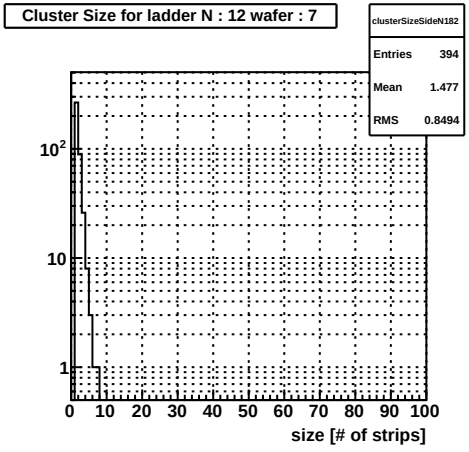

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 7628
Mean 1.509
RMS 1.308
size [# of strips]

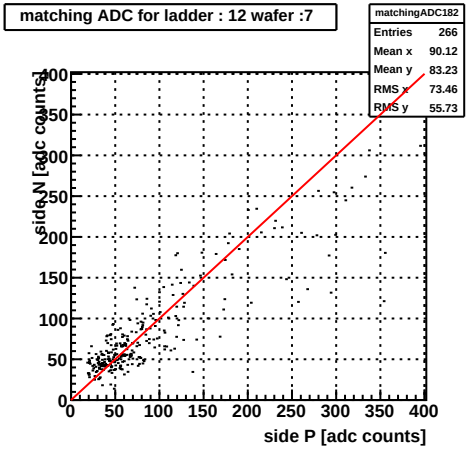

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 458
Mean x 75.75
Mean y 94.72
RMS x 65.22
RMS y 87.19
side N [adc counts]
side P [adc counts]

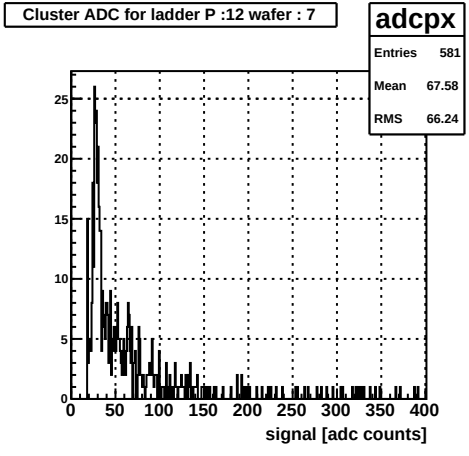

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 3053
Mean 54.54
RMS 51.43
signal [adc counts]

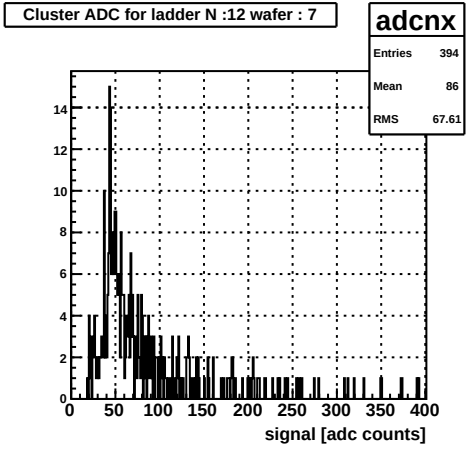

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 7628
Mean 39.52
RMS 42.86
signal [adc counts]

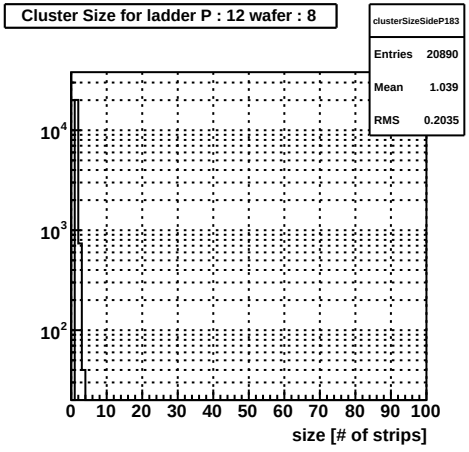

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 581
Mean 1.262
RMS 0.6268
size [# of strips]

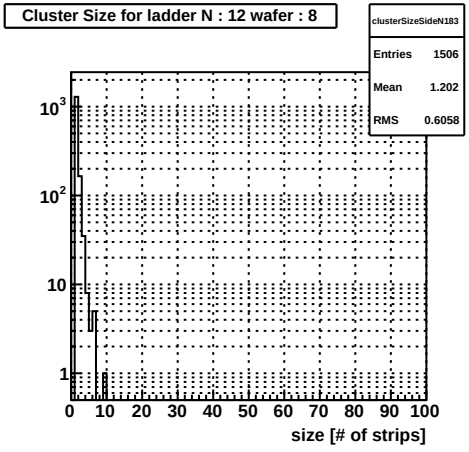

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 394
Mean 1.477
RMS 0.8494
size [# of strips]

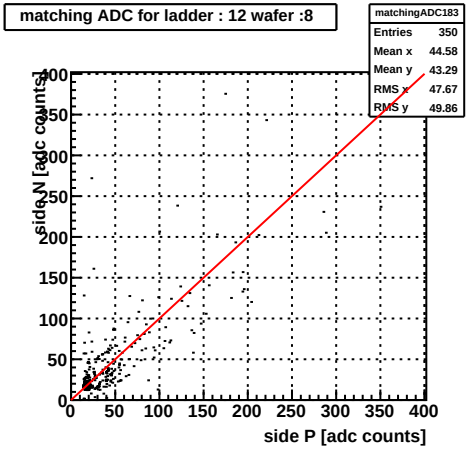

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 266
Mean x 90.12
Mean y 83.23
RMS x 73.46
RMS y 55.73
side N [adc counts]
side P [adc counts]

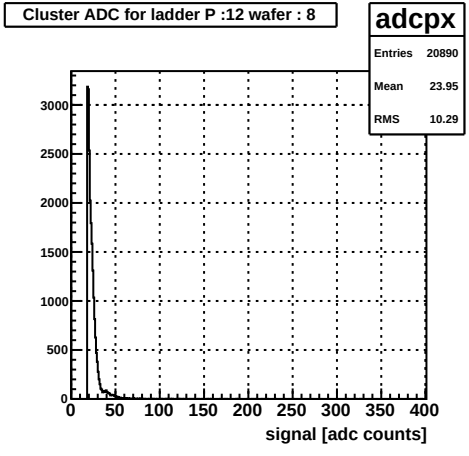

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 581
Mean 67.58
RMS 66.24
signal [adc counts]

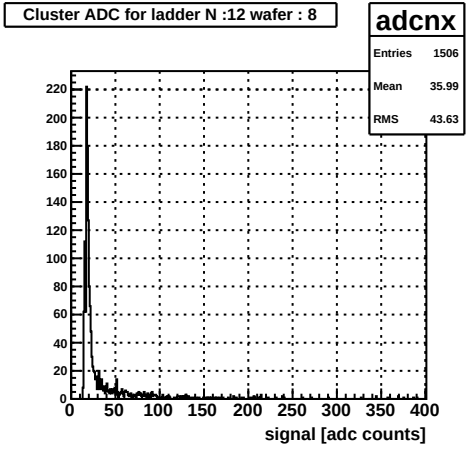

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 394
Mean 86
RMS 67.61
signal [adc counts]

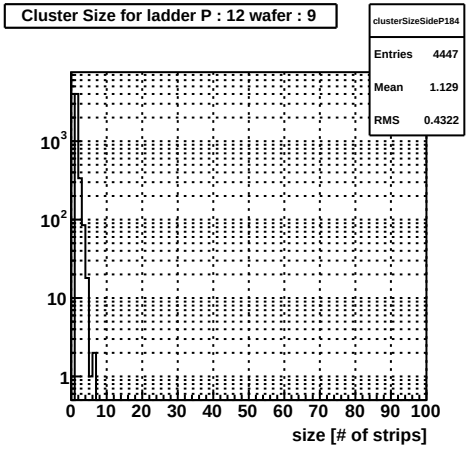

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 20890
Mean 1.039
RMS 0.2035
size [# of strips]

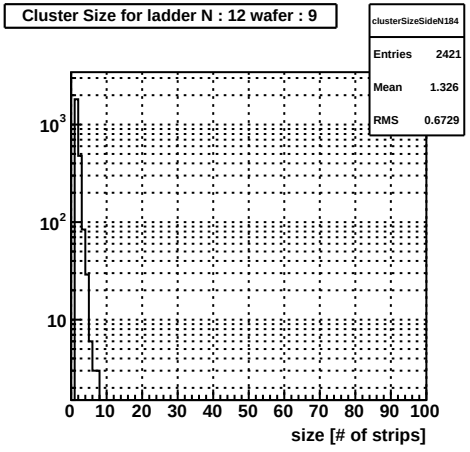

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 1506
Mean 1.202
RMS 0.6058
size [# of strips]

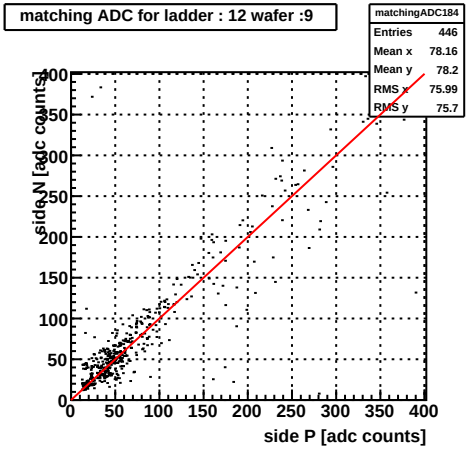

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 350
Mean x 44.58
Mean y 43.29
RMS x 47.67
RMS y 49.86
side N [adc counts]
side P [adc counts]

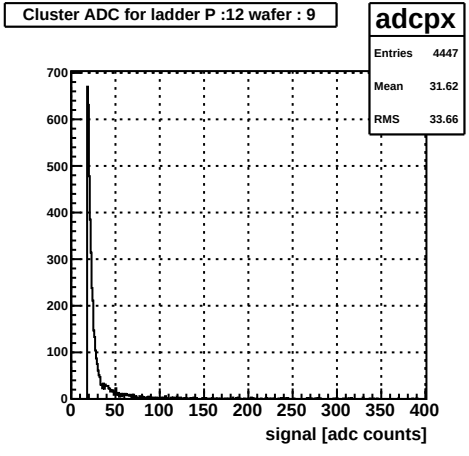

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 20890
Mean 23.95
RMS 10.29
signal [adc counts]

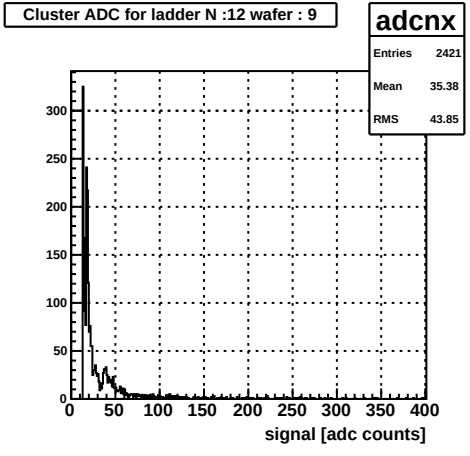

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 1506
Mean 35.99
RMS 43.63
signal [adc counts]

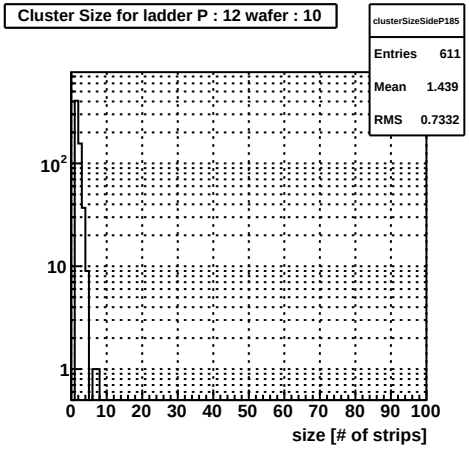

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 4447
Mean 1.129
RMS 0.4322
size [# of strips]

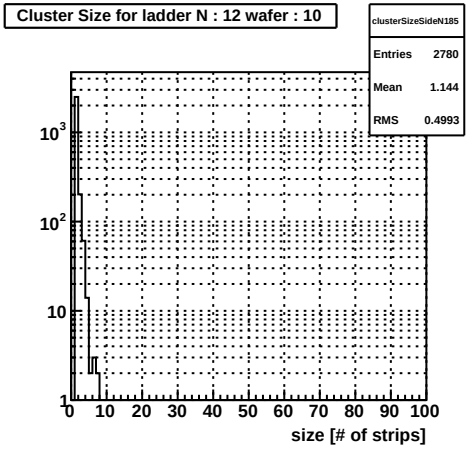

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 2421
Mean 1.326
RMS 0.6729
size [# of strips]

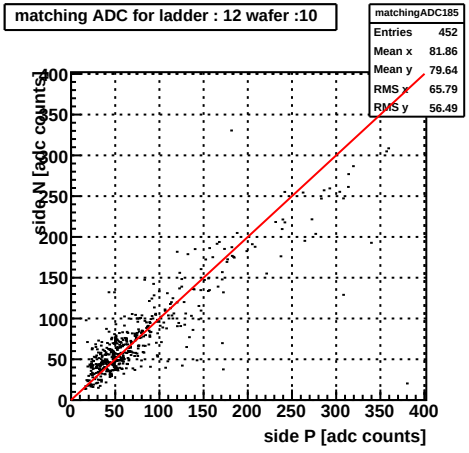

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 446
Mean x 78.16
Mean y 78.2
RMS x 75.99
RMS y 75.7
side N [adc counts]
side P [adc counts]

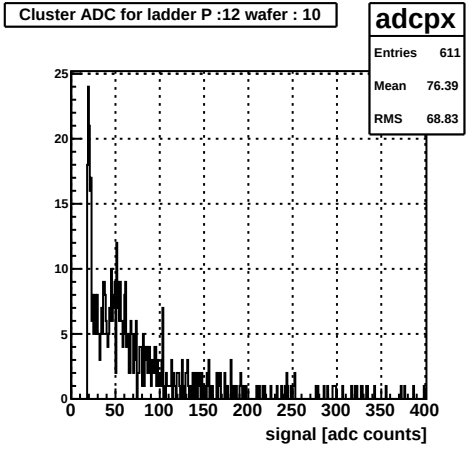

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 4447
Mean 31.62
RMS 33.66
signal [adc counts]

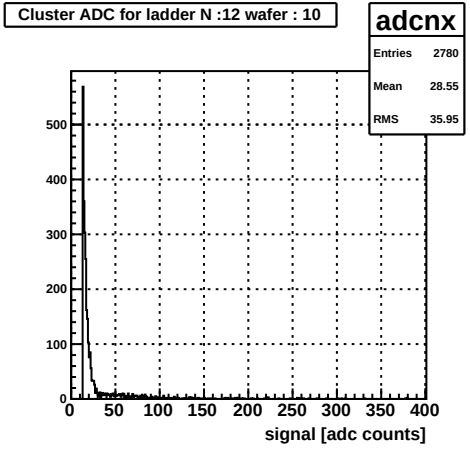

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 2421
Mean 35.38
RMS 43.85
signal [adc counts]

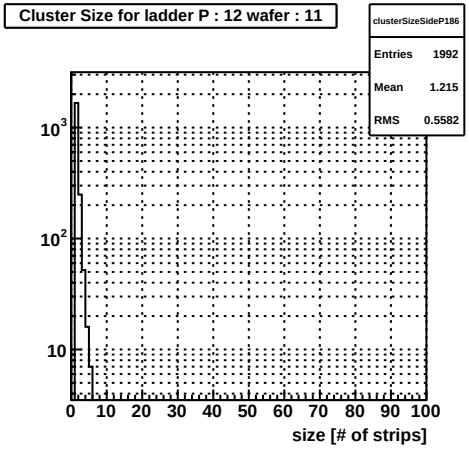

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 611
Mean 1.439
RMS 0.7332
size [# of strips]

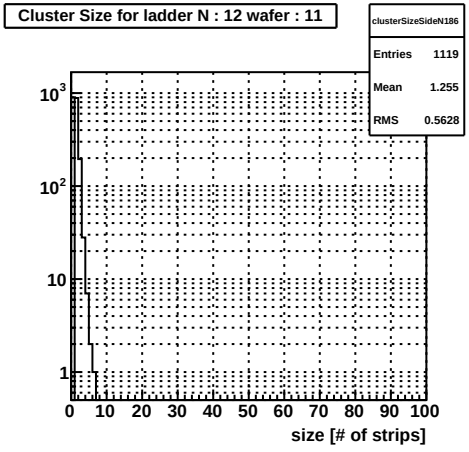

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 2780
Mean 1.144
RMS 0.4993
size [# of strips]

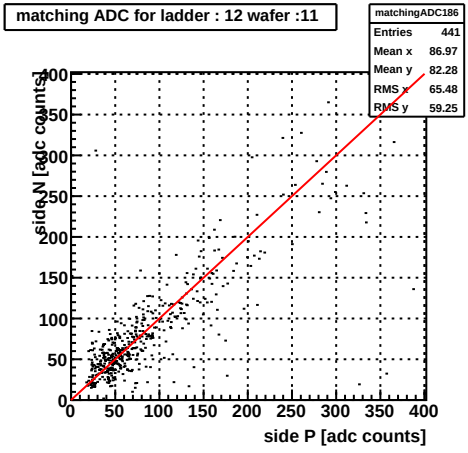

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 452
Mean x 81.86
Mean y 79.64
RMS x 65.79
RMS y 56.49
side N [adc counts]
side P [adc counts]

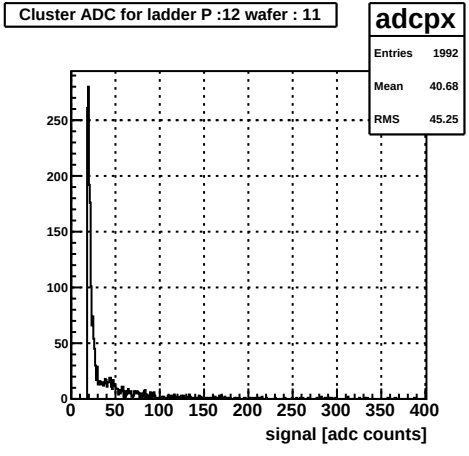

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 611
Mean 76.39
RMS 68.83
signal [adc counts]

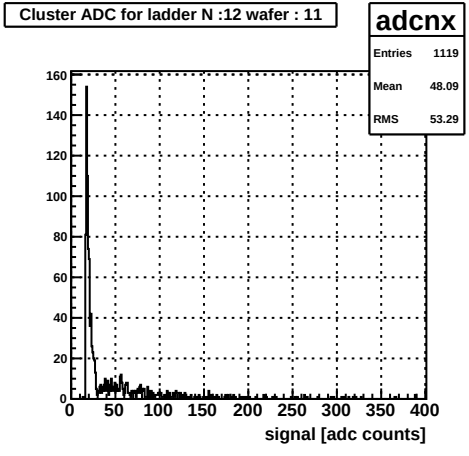

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 2780
Mean 28.55
RMS 35.95
signal [adc counts]

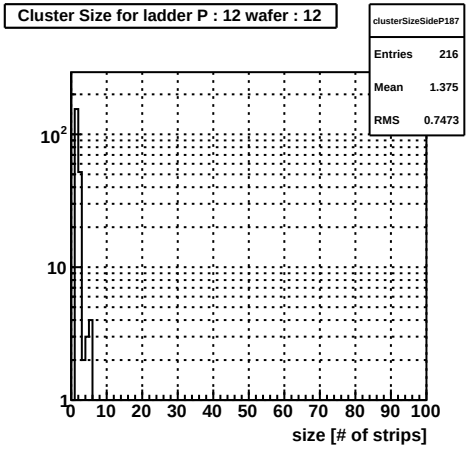

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 1992
Mean 1.215
RMS 0.5582
size [# of strips]

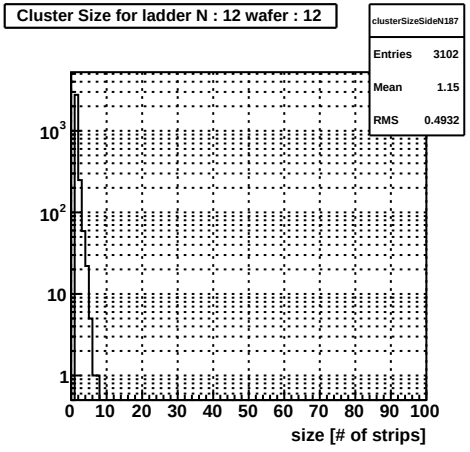

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 1119
Mean 1.255
RMS 0.5628
size [# of strips]

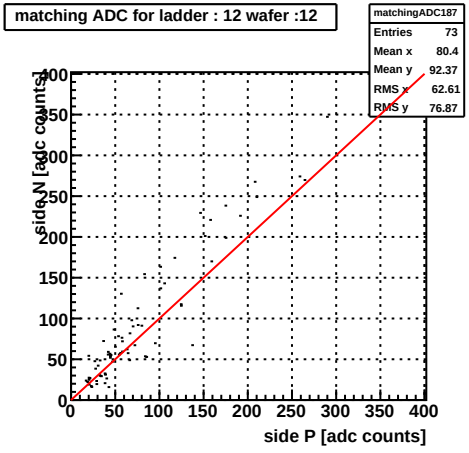

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 441
Mean x 86.97
Mean y 82.28
RMS x 65.48
RMS y 59.25
side N [adc counts]
side P [adc counts]

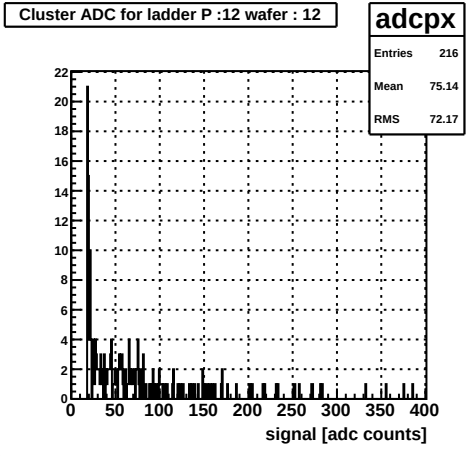

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 1992
Mean 40.68
RMS 45.25
signal [adc counts]

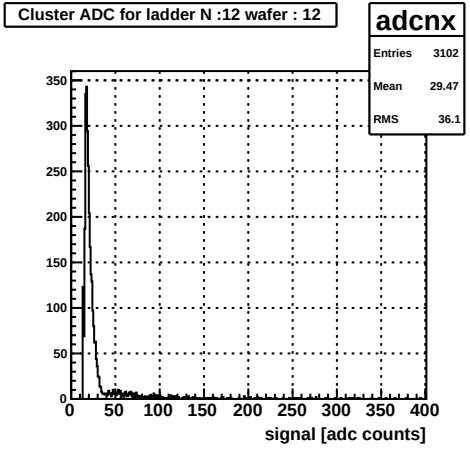

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 1119
Mean 48.09
RMS 53.29
signal [adc counts]

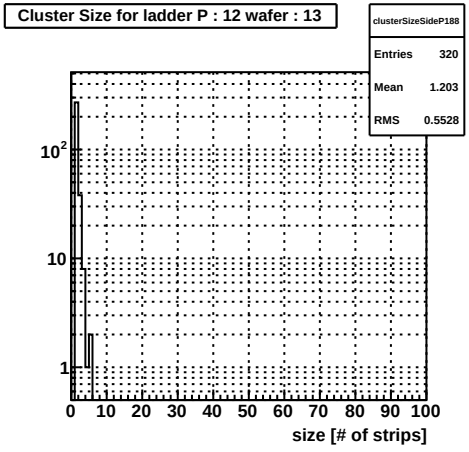

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 216
Mean 1.375
RMS 0.7473
size [# of strips]

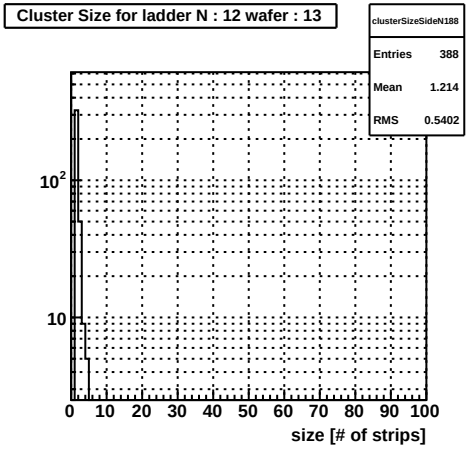

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 3102
Mean 1.15
RMS 0.4932
size [# of strips]

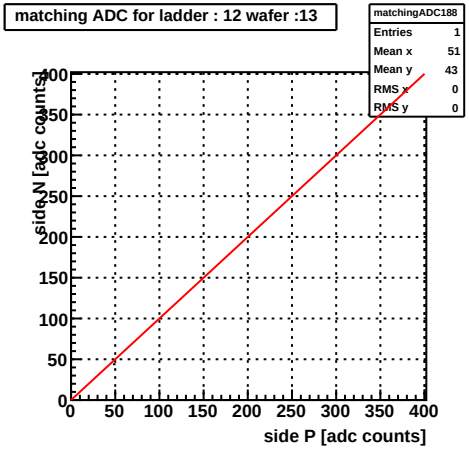

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 73
Mean x 80.4
Mean y 92.37
RMS x 62.61
RMS y 76.87
side N [adc counts]
side P [adc counts]

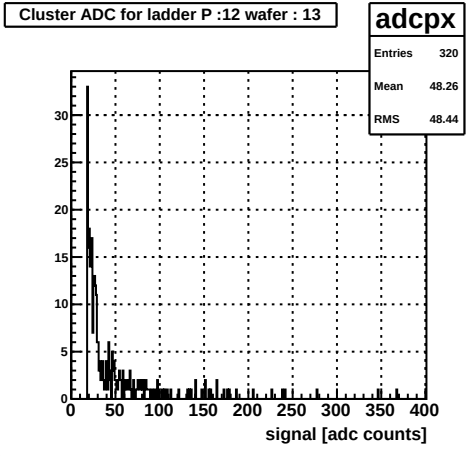

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 216
Mean 75.14
RMS 72.17
signal [adc counts]

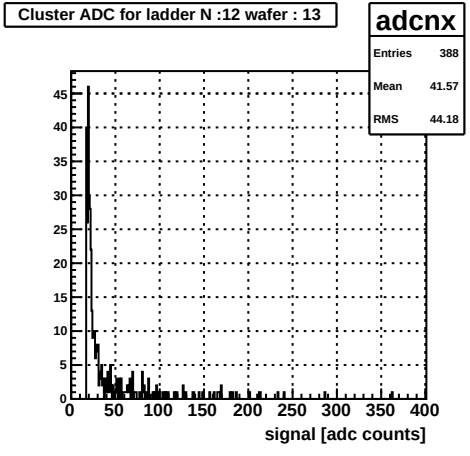

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 3102
Mean 29.47
RMS 36.1
signal [adc counts]

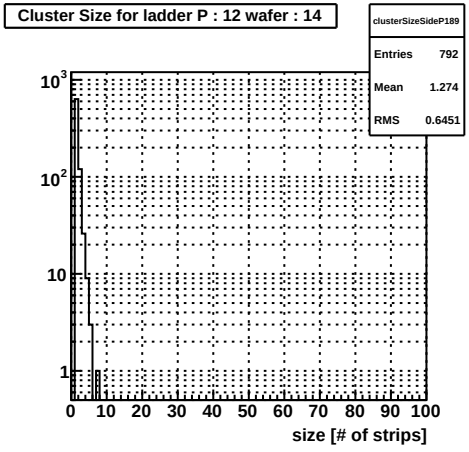

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 320
Mean 1.203
RMS 0.5528
size [# of strips]

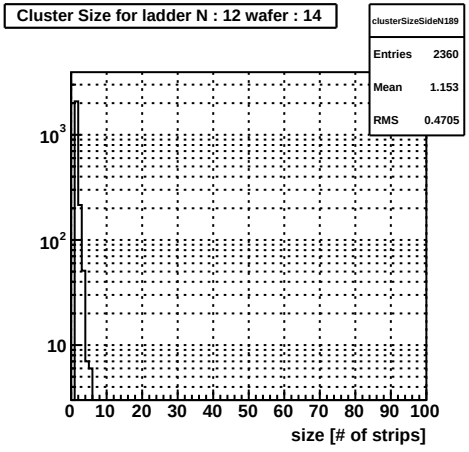

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 388
Mean 1.214
RMS 0.5402
size [# of strips]

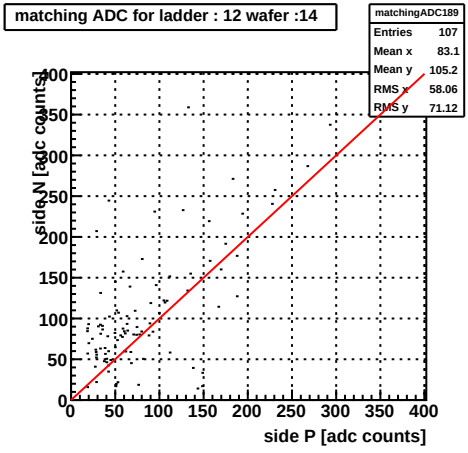

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 1
Mean x 51
Mean y 43
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

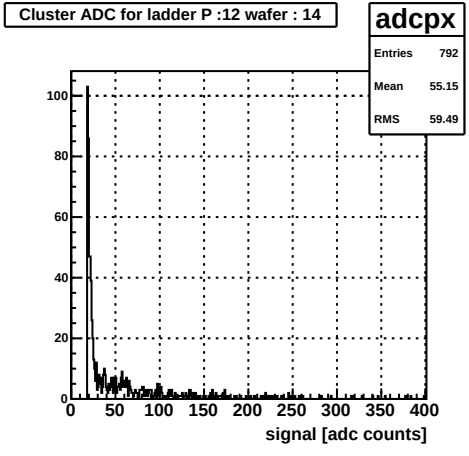

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 320
Mean 48.26
RMS 48.44
signal [adc counts]

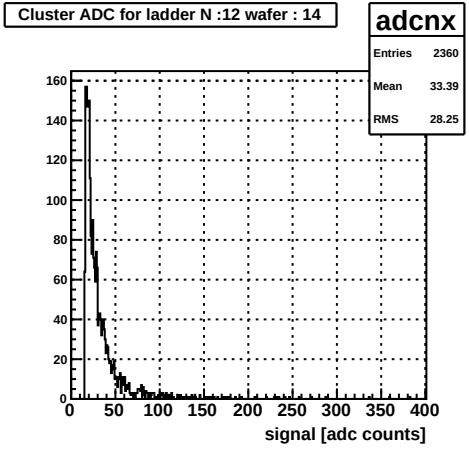

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 388
Mean 41.57
RMS 44.18
signal [adc counts]

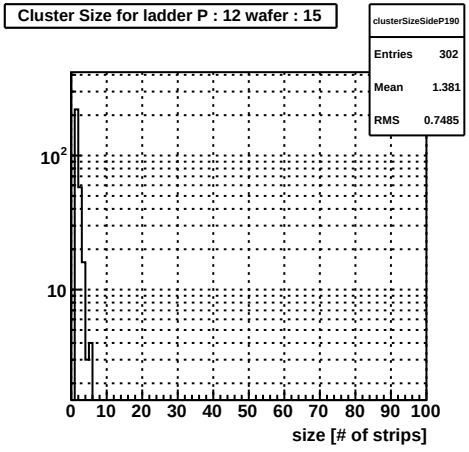

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 792
Mean 1.274
RMS 0.6451
size [# of strips]

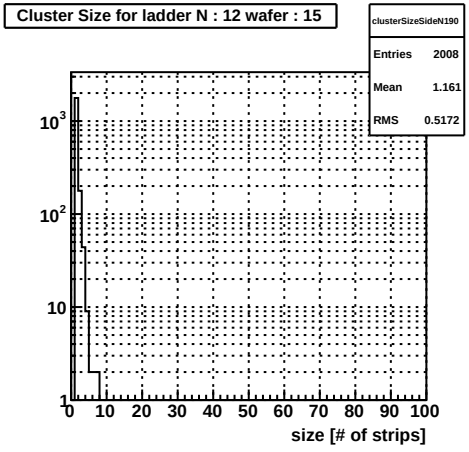

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2360
Mean 1.153
RMS 0.4705
size [# of strips]

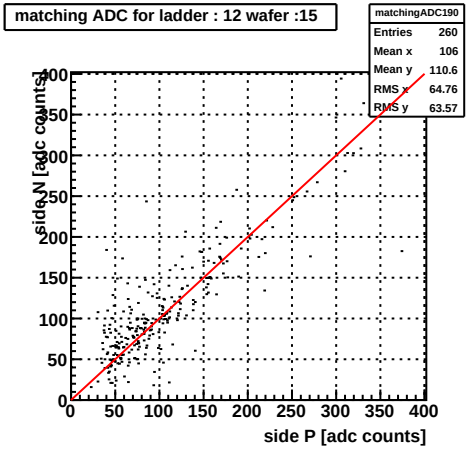

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 107
Mean x 83.1
Mean y 105.2
RMS x 58.06
RMS y 71.12
side N [adc counts]
side P [adc counts]

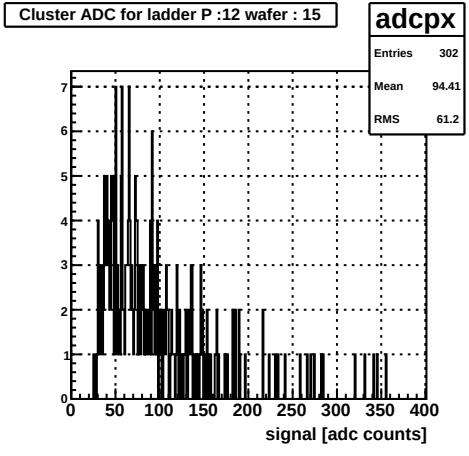

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 792
Mean 55.15
RMS 59.49
signal [adc counts]

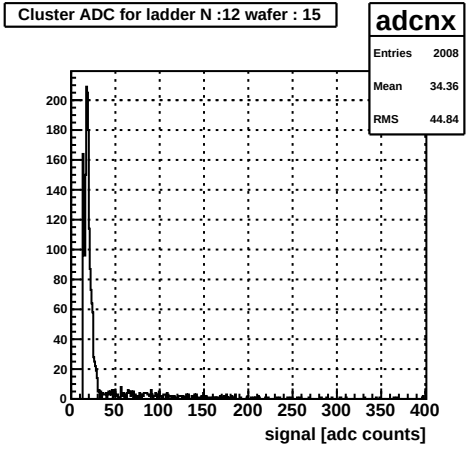

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2360
Mean 33.39
RMS 28.25
signal [adc counts]

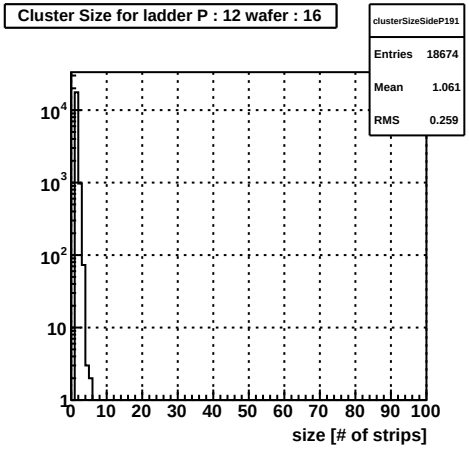

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 302
Mean 1.381
RMS 0.7485
size [# of strips]

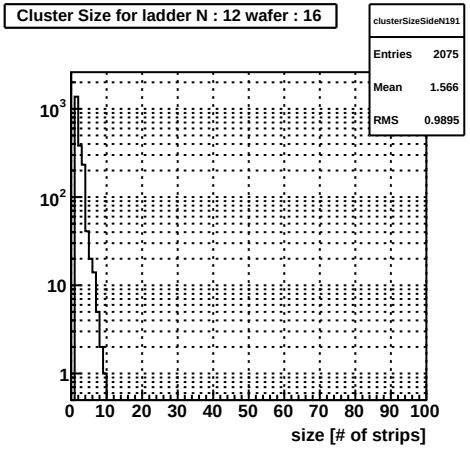

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 2008
Mean 1.161
RMS 0.5172
size [# of strips]

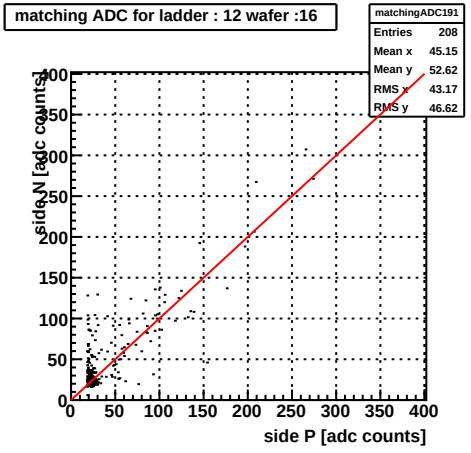

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 260
Mean x 106
Mean y 110.6
RMS x 64.76
RMS y 63.57
side N [adc counts]
side P [adc counts]

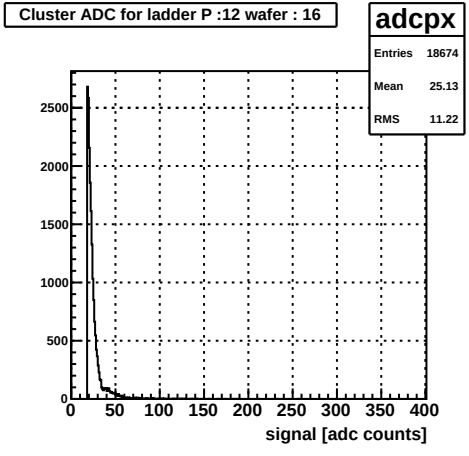

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 302
Mean 94.41
RMS 61.2
signal [adc counts]

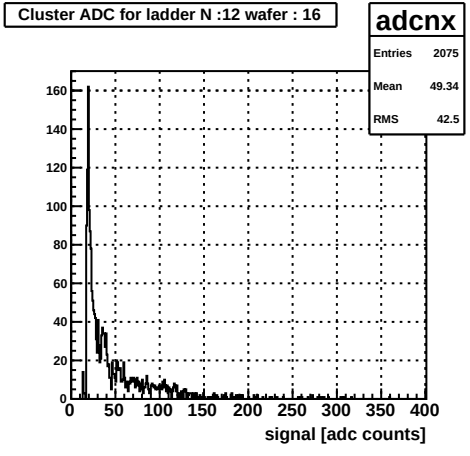

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 2008
Mean 34.36
RMS 44.84
signal [adc counts]

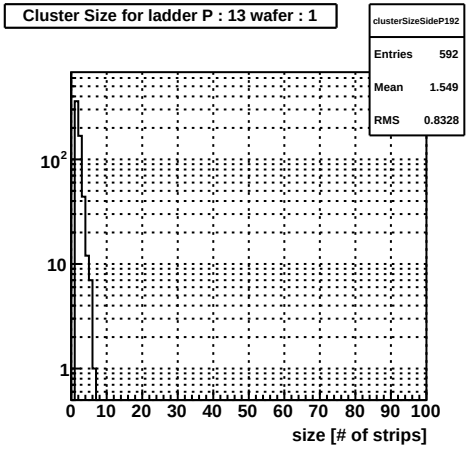

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 18674
Mean 1.061
RMS 0.259
size [# of strips]

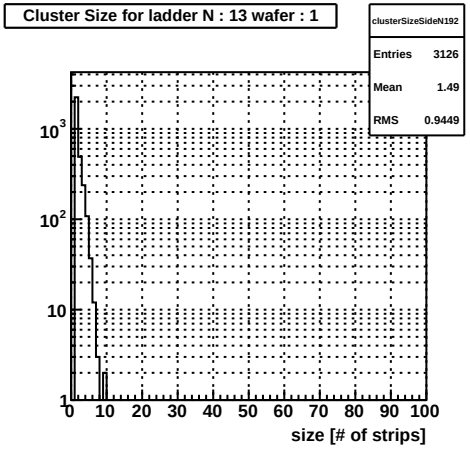

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 2075
Mean 1.566
RMS 0.9895
size [# of strips]

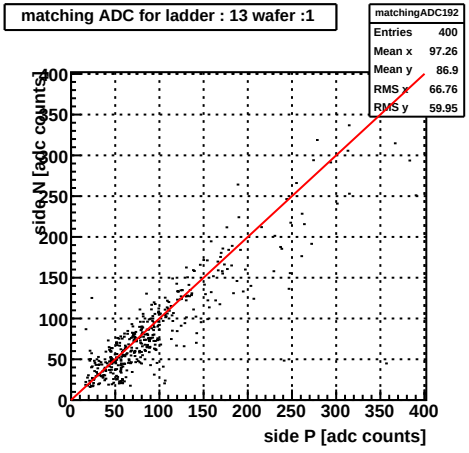

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 208
Mean x 45.15
Mean y 52.62
RMS x 43.17
RMS y 46.62
side N [adc counts]
side P [adc counts]

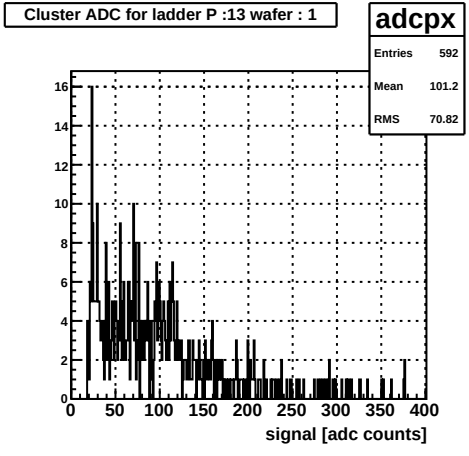

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 18674
Mean 25.13
RMS 11.22
signal [adc counts]

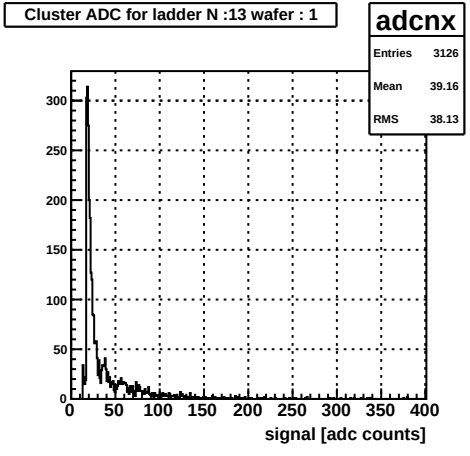

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 2075
Mean 49.34
RMS 42.5
signal [adc counts]

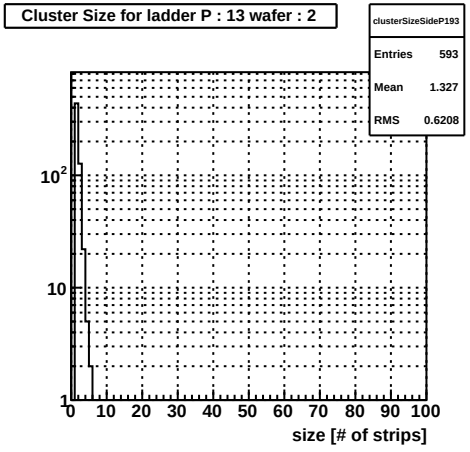

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 592
Mean 1.549
RMS 0.8328
size [# of strips]

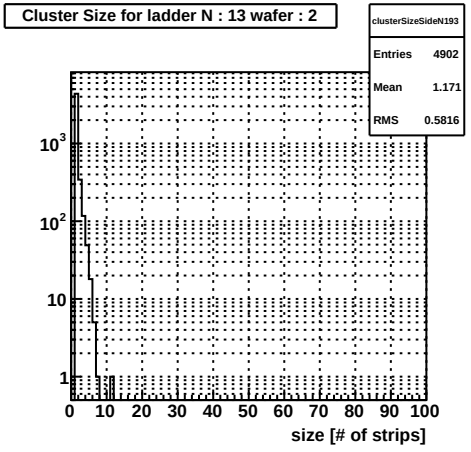

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 3126
Mean 1.49
RMS 0.9449
size [# of strips]

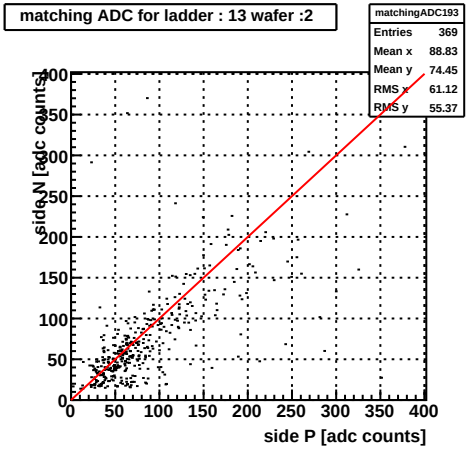

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 400
Mean x 97.26
Mean y 86.9
RMS x 66.76
RMS y 59.95
side N [adc counts]
side P [adc counts]

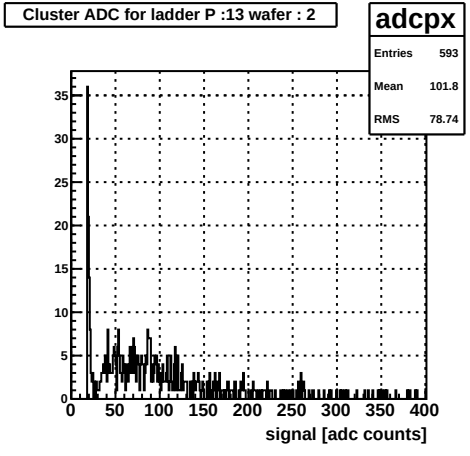

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 592
Mean 101.2
RMS 70.82
signal [adc counts]

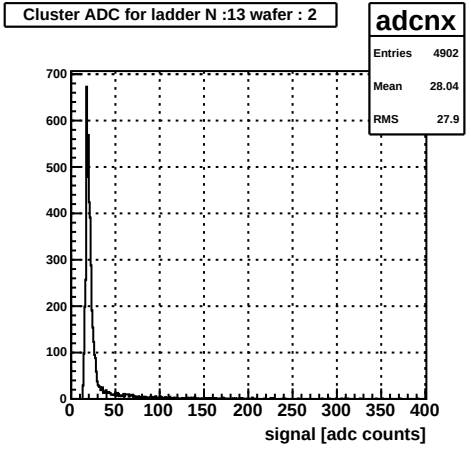

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 3126
Mean 39.16
RMS 38.13
signal [adc counts]

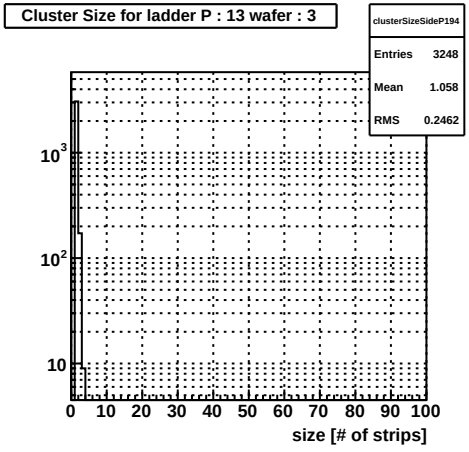

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 593
Mean 1.327
RMS 0.6208
size [# of strips]

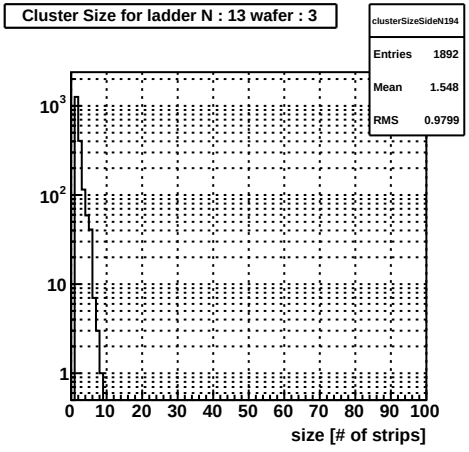

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 4902
Mean 1.171
RMS 0.5816
size [# of strips]

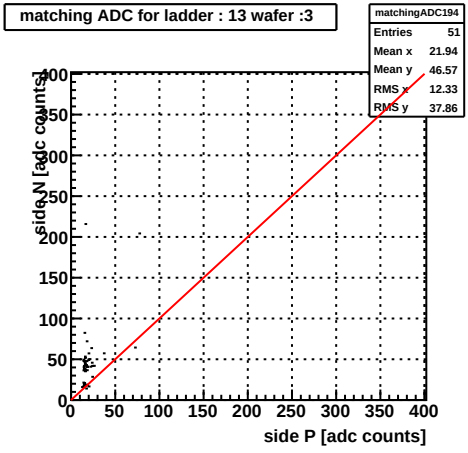

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 369
Mean x 88.83
Mean y 74.45
RMS x 61.12
RMS y 55.37
side N [adc counts]
side P [adc counts]

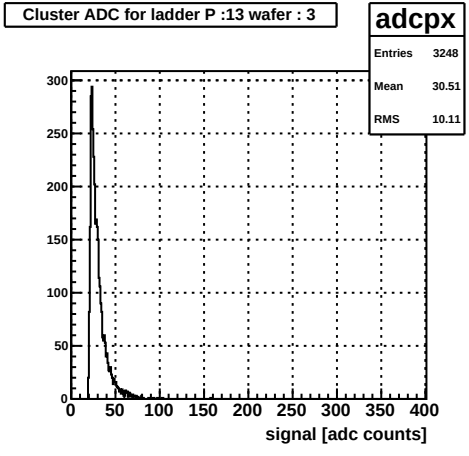

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 593
Mean 101.8
RMS 78.74
signal [adc counts]

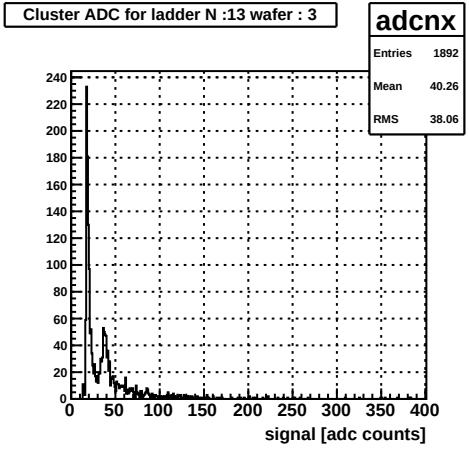

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 4902
Mean 28.04
RMS 27.9
signal [adc counts]

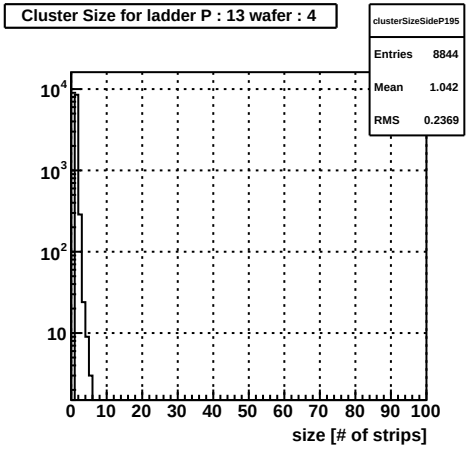

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 3248
Mean 1.058
RMS 0.2462
size [# of strips]

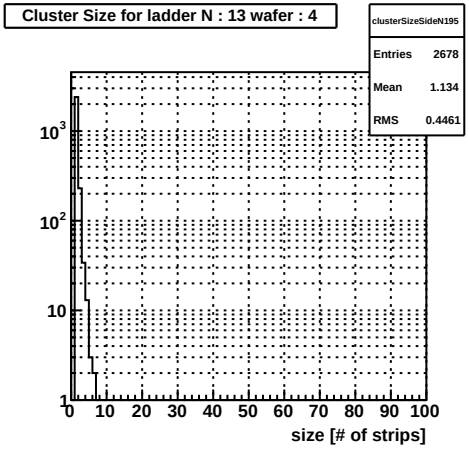

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 1892
Mean 1.548
RMS 0.9799
size [# of strips]

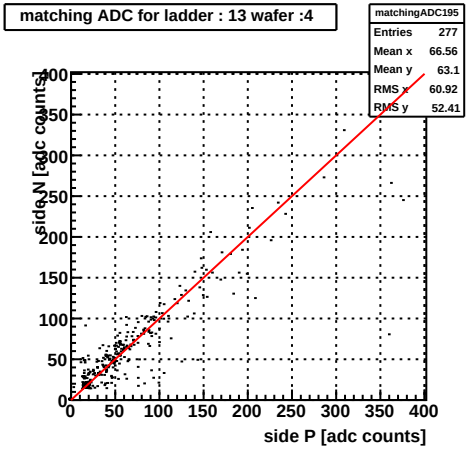

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 51
Mean x 21.94
Mean y 46.57
RMS x 12.33
RMS y 37.86
side N [adc counts]
side P [adc counts]

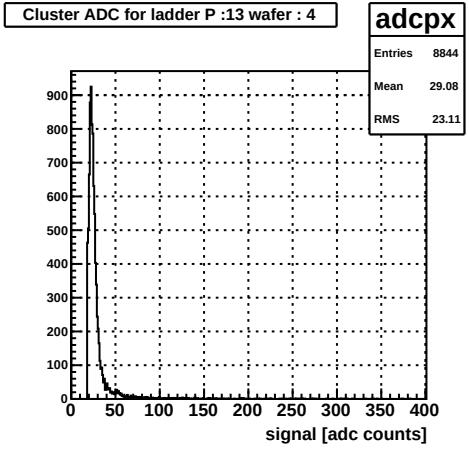

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 3248
Mean 30.51
RMS 10.11
signal [adc counts]

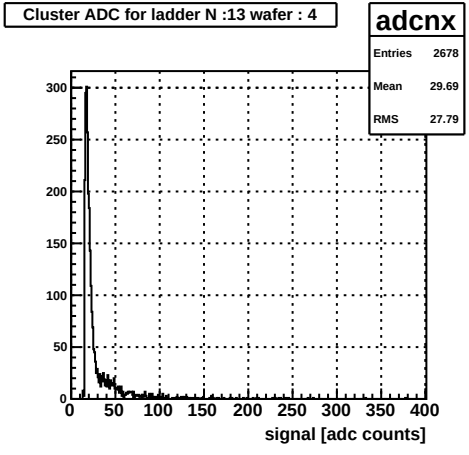

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 1892
Mean 40.26
RMS 38.06
signal [adc counts]

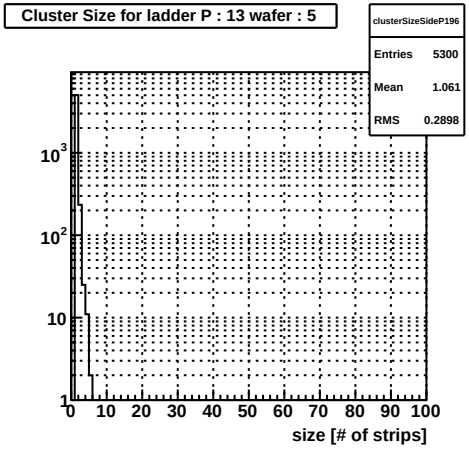

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 8844
Mean 1.042
RMS 0.2369
size [# of strips]

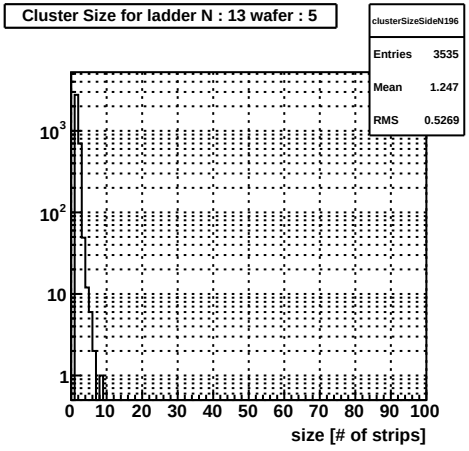

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 2678
Mean 1.134
RMS 0.4461
size [# of strips]

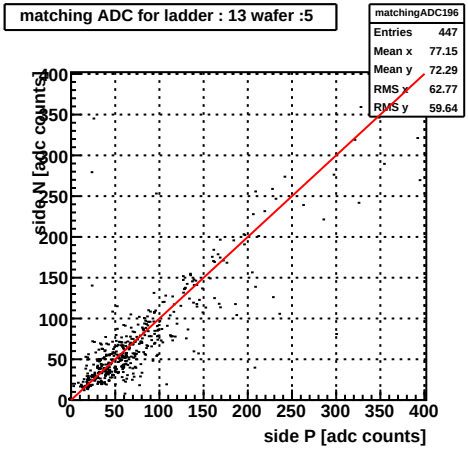

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 277
Mean x 66.56
Mean y 63.1
RMS x 60.92
RMS y 52.41
side N [adc counts]
side P [adc counts]

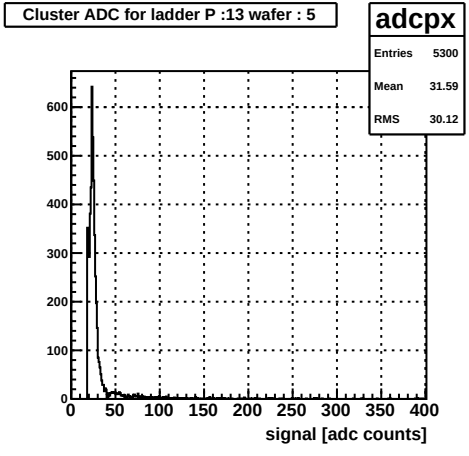

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 8844
Mean 29.08
RMS 23.11
signal [adc counts]

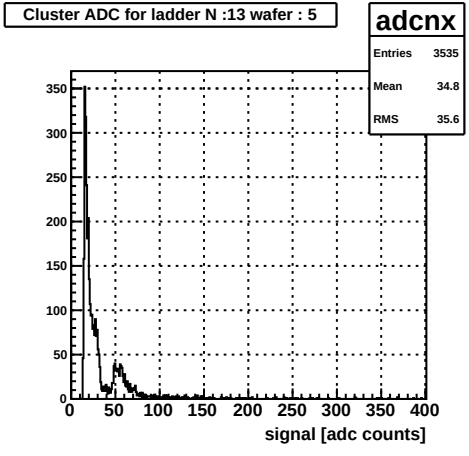

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 2678
Mean 29.69
RMS 27.79
signal [adc counts]

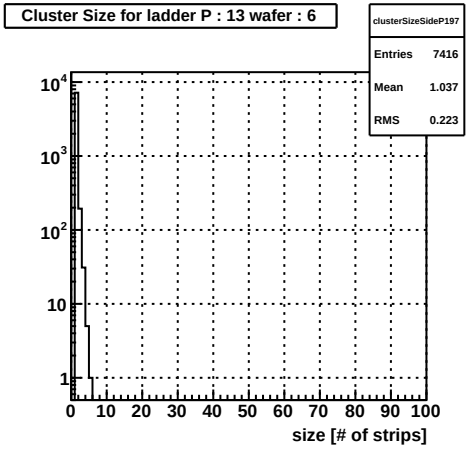

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 5300
Mean 1.061
RMS 0.2898
size [# of strips]

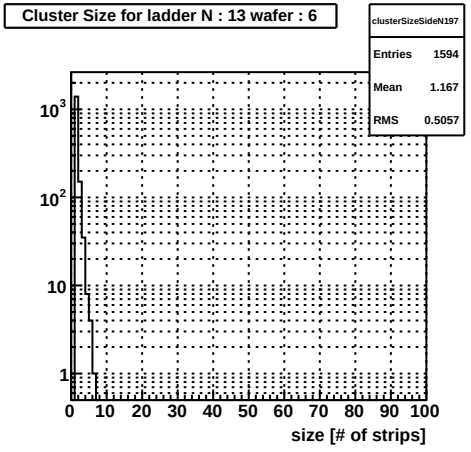

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 3535
Mean 1.247
RMS 0.5269
size [# of strips]

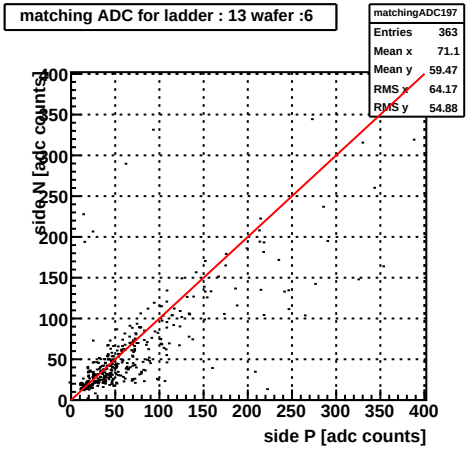

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 447
Mean x 77.15
Mean y 72.29
RMS x 62.77
RMS y 59.64
side N [adc counts]
side P [adc counts]

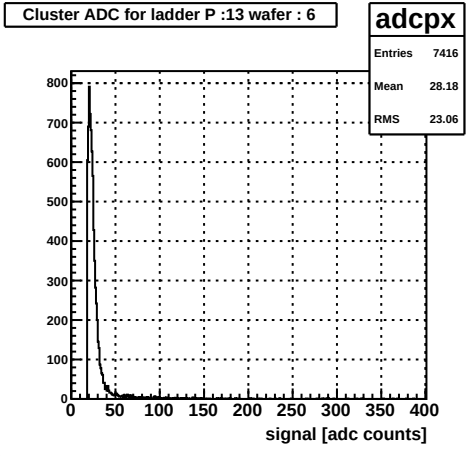

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 5300
Mean 31.59
RMS 30.12
signal [adc counts]

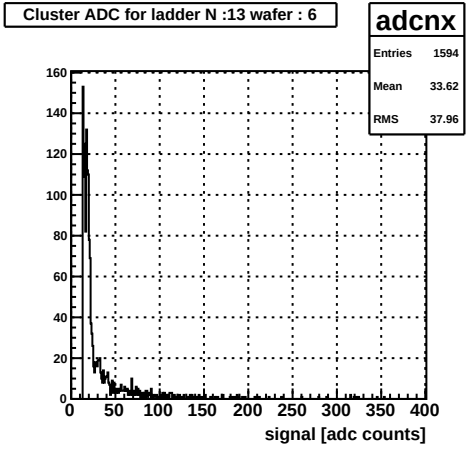

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 3535
Mean 34.8
RMS 35.6
signal [adc counts]

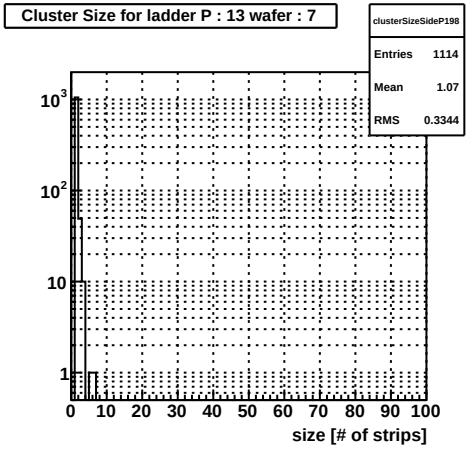

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 7416
Mean 1.037
RMS 0.223
size [# of strips]

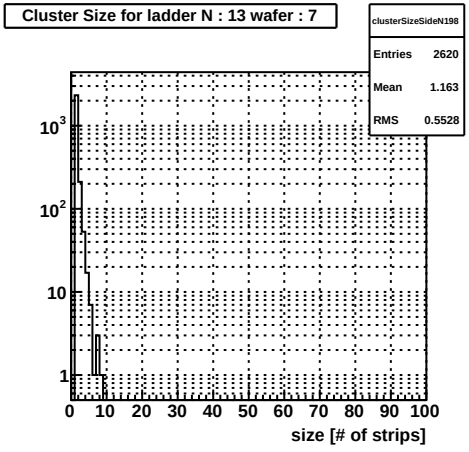

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 1594
Mean 1.167
RMS 0.5057
size [# of strips]

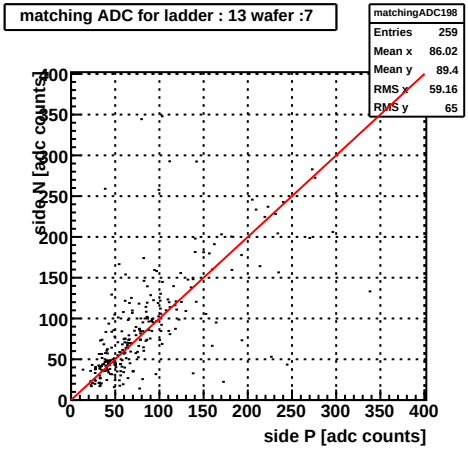

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 363
Mean x 71.1
Mean y 59.47
RMS x 64.17
RMS y 54.88
side N [adc counts]
side P [adc counts]

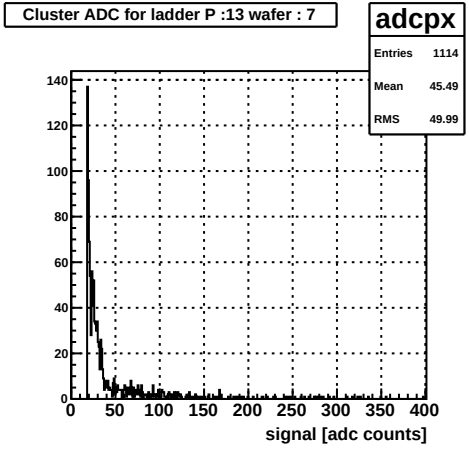

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 7416
Mean 28.18
RMS 23.06
signal [adc counts]

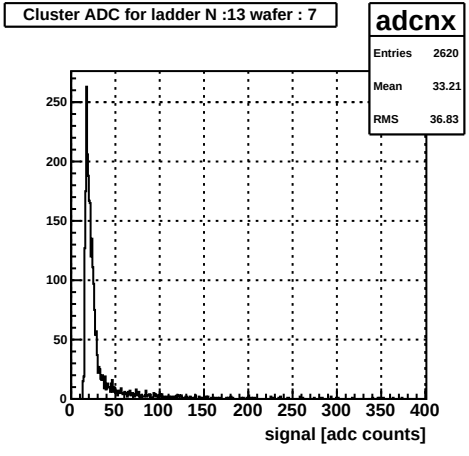

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 1594
Mean 33.62
RMS 37.96
signal [adc counts]

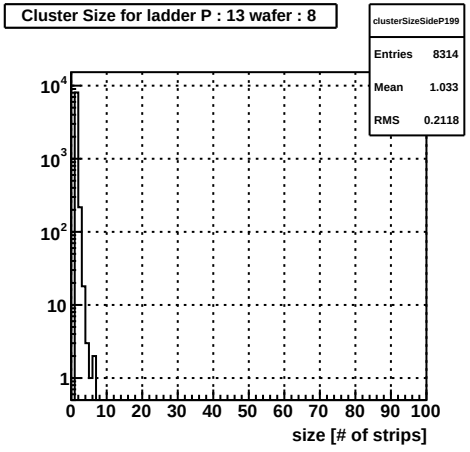

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 1114
Mean 1.07
RMS 0.3344
size [# of strips]

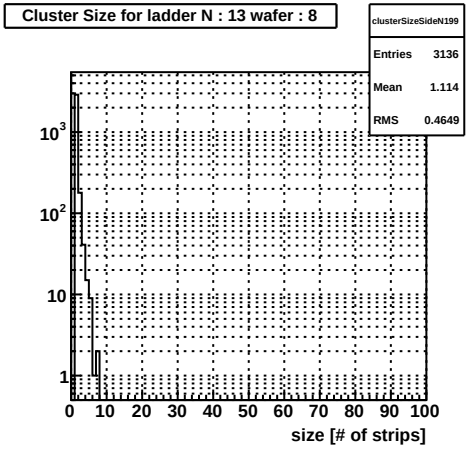

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 2620
Mean 1.163
RMS 0.5528
size [# of strips]

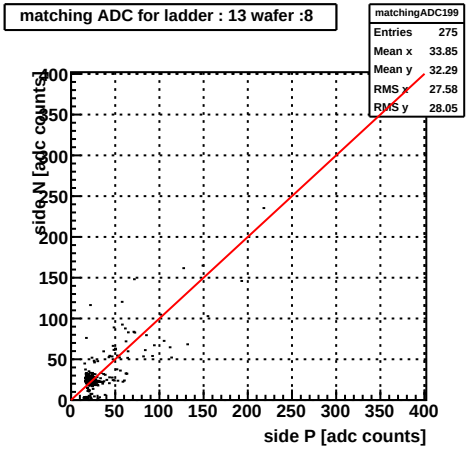

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 259
Mean x 86.02
Mean y 89.4
RMS x 59.16
RMS y 65
side N [adc counts]
side P [adc counts]

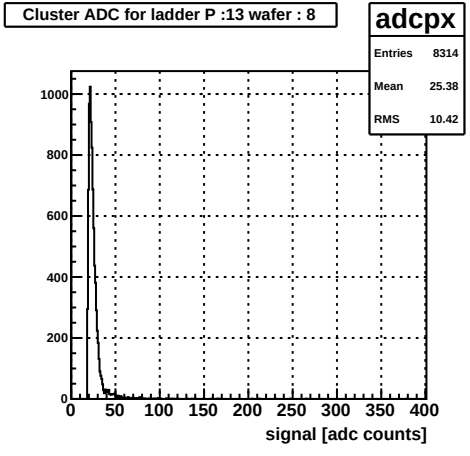

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 1114
Mean 45.49
RMS 49.99
signal [adc counts]

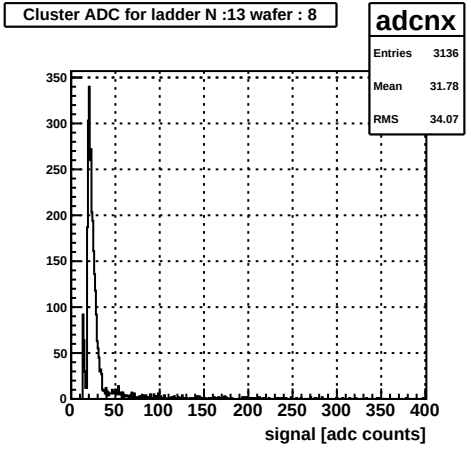

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 2620
Mean 33.21
RMS 36.83
signal [adc counts]

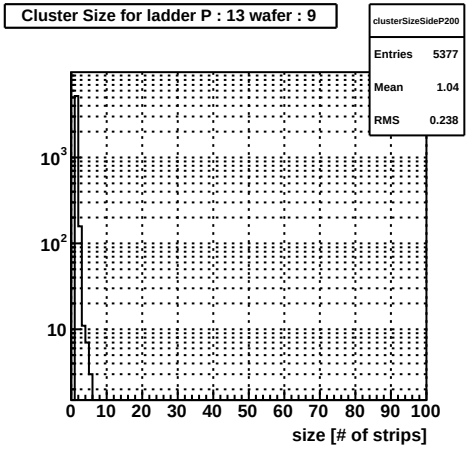

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 8314
Mean 1.033
RMS 0.2118
size [# of strips]

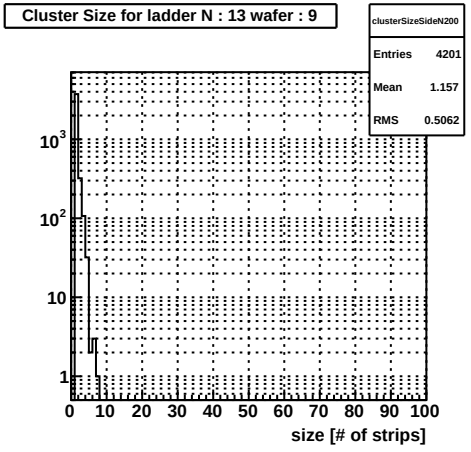

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 3136
Mean 1.114
RMS 0.4649
size [# of strips]

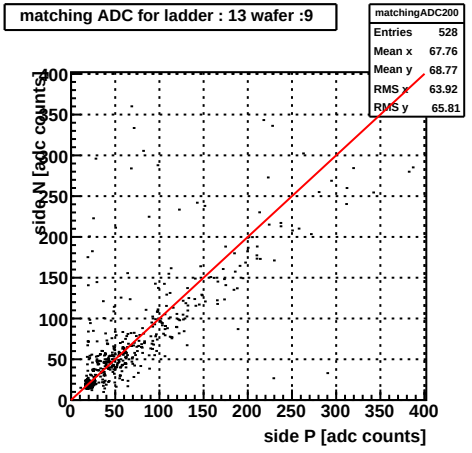

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 275
Mean x 33.85
Mean y 32.29
RMS x 27.58
RMS y 28.05
side N [adc counts]
side P [adc counts]

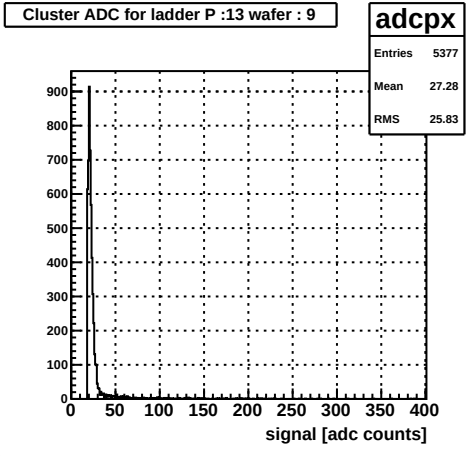

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 8314
Mean 25.38
RMS 10.42
signal [adc counts]

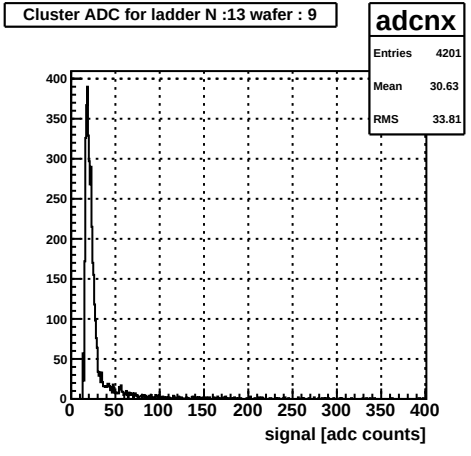

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 3136
Mean 31.78
RMS 34.07
signal [adc counts]

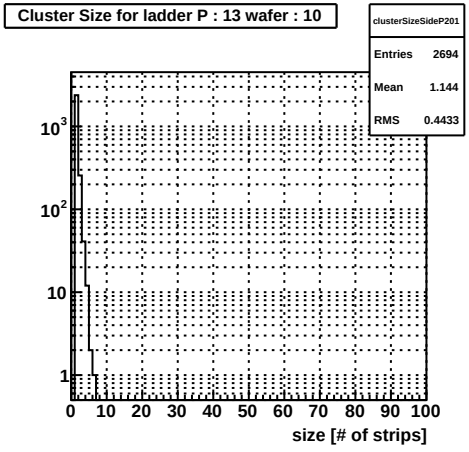

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 5377
Mean 1.04
RMS 0.238
size [# of strips]

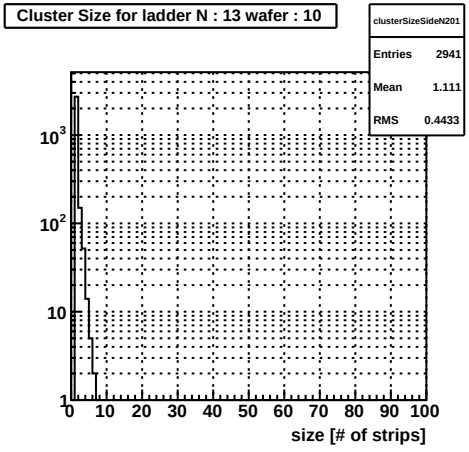

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 4201
Mean 1.157
RMS 0.5062
size [# of strips]

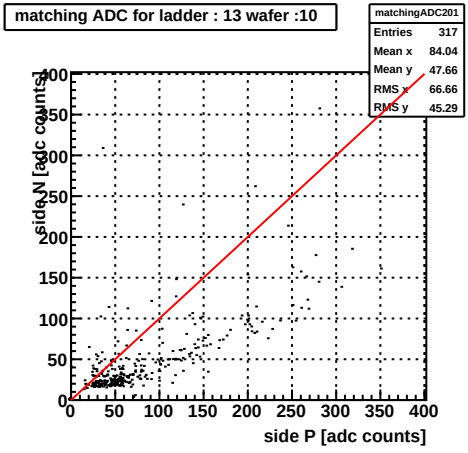

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 528
Mean x 67.76
Mean y 68.77
RMS x 63.92
RMS y 65.81
side N [adc counts]
side P [adc counts]

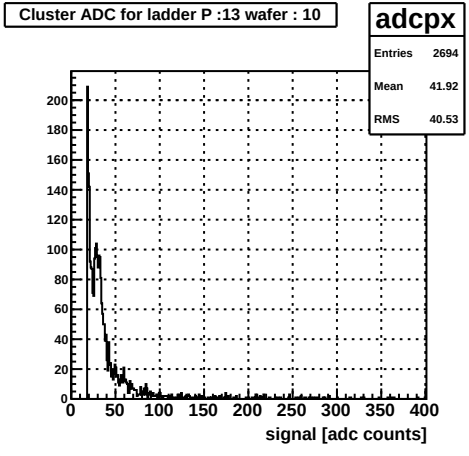

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 5377
Mean 27.28
RMS 25.83
signal [adc counts]

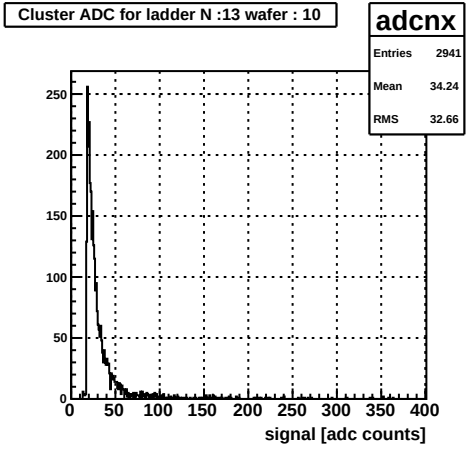

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 4201
Mean 30.63
RMS 33.81
signal [adc counts]

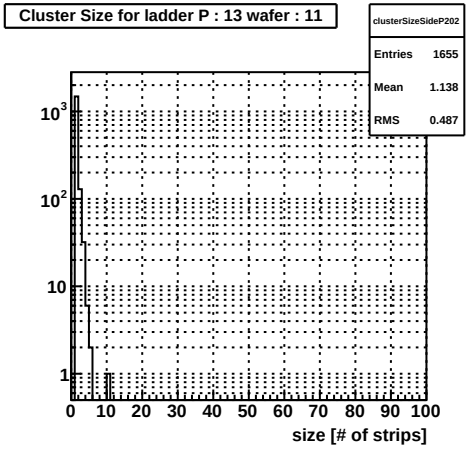

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 2694
Mean 1.144
RMS 0.4433
size [# of strips]

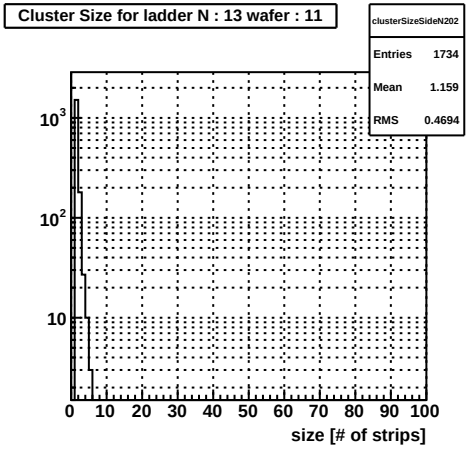

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 2941
Mean 1.111
RMS 0.4433
size [# of strips]

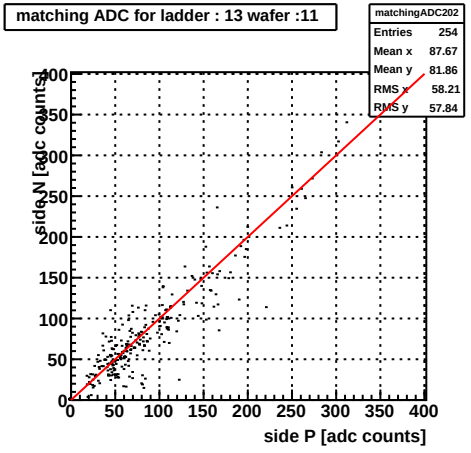

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 317
Mean x 84.04
Mean y 47.66
RMS x 66.66
RMS y 45.29
side N [adc counts]
side P [adc counts]

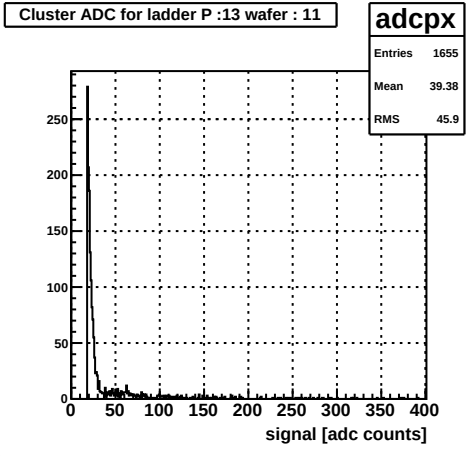

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 2694
Mean 41.92
RMS 40.53
signal [adc counts]

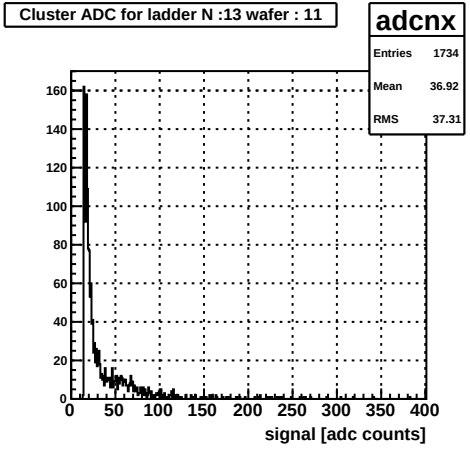

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 2941
Mean 34.24
RMS 32.66
signal [adc counts]

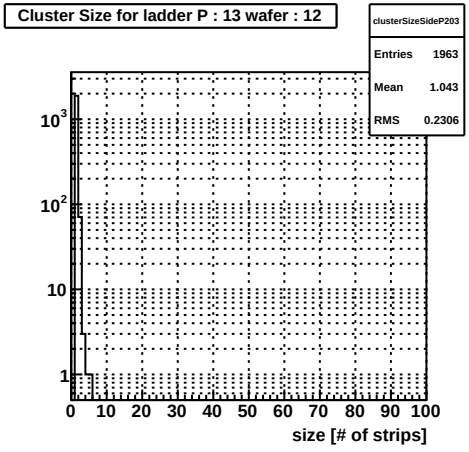

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 1655
Mean 1.138
RMS 0.487
size [# of strips]

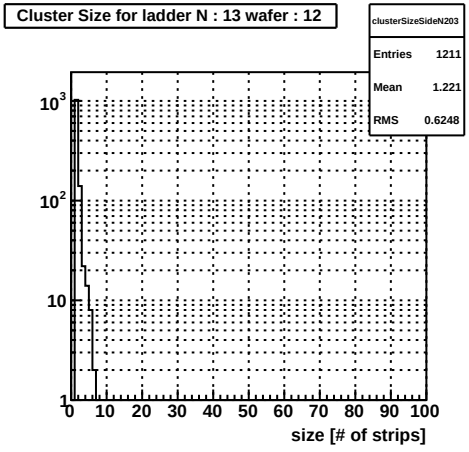

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 1734
Mean 1.159
RMS 0.4694
size [# of strips]

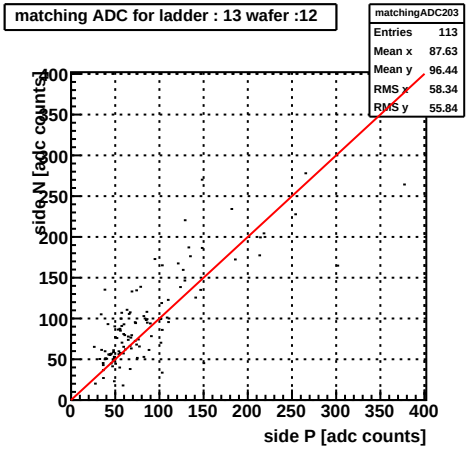

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 254
Mean x 87.67
Mean y 81.86
RMS x 58.21
RMS y 57.84
side N [adc counts]
side P [adc counts]

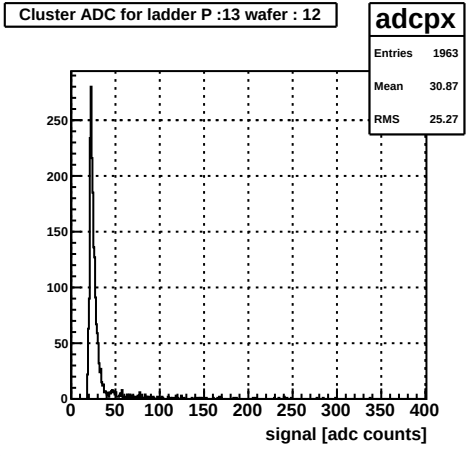

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 1655
Mean 39.38
RMS 45.9
signal [adc counts]

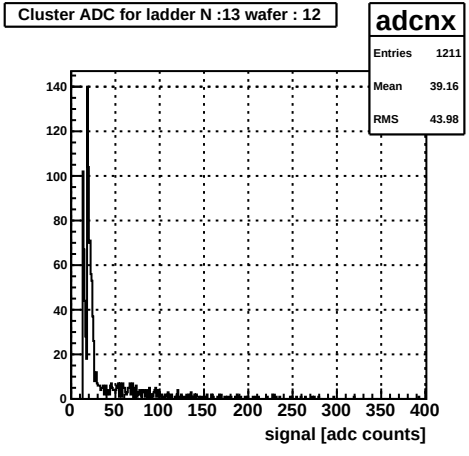

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 1734
Mean 36.92
RMS 37.31
signal [adc counts]

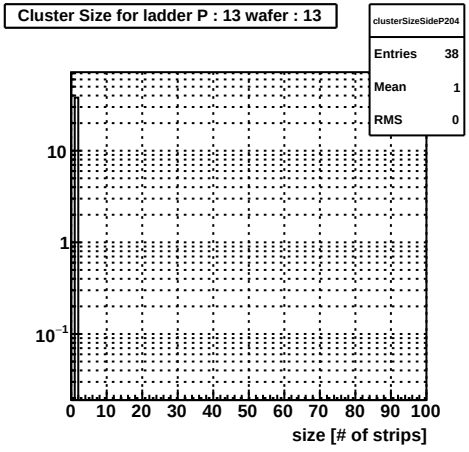

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1963
Mean 1.043
RMS 0.2306
size [# of strips]

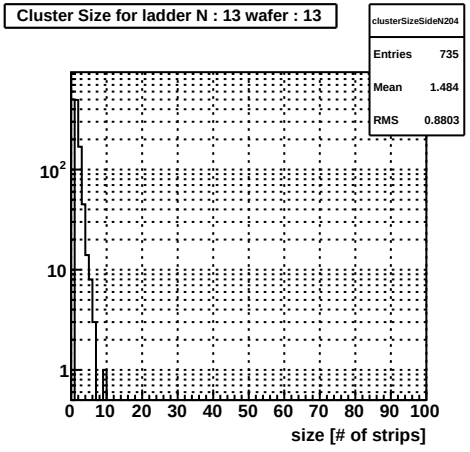

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 1211
Mean 1.221
RMS 0.6248
size [# of strips]

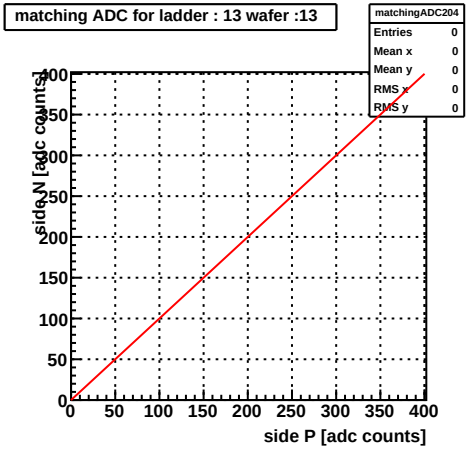

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 113
Mean x 87.63
Mean y 96.44
RMS x 58.34
RMS y 55.84
side N [adc counts]
side P [adc counts]

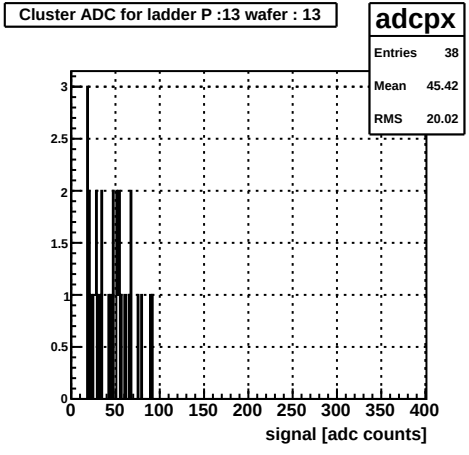

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1963
Mean 30.87
RMS 25.27
signal [adc counts]

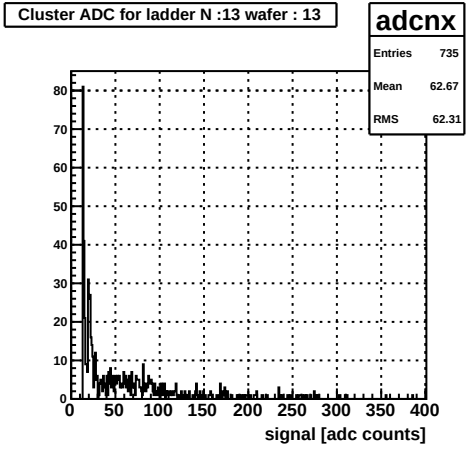

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 1211
Mean 39.16
RMS 43.98
signal [adc counts]

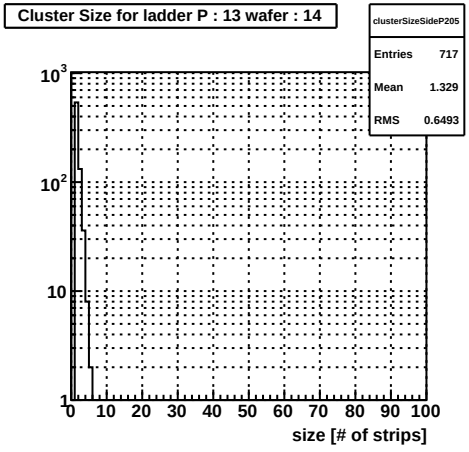

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 38
Mean 1
RMS 0
size [# of strips]

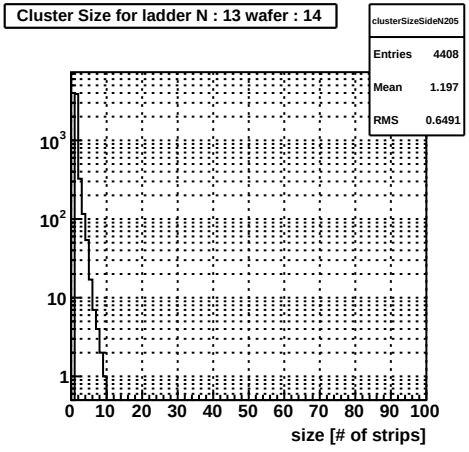

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 735
Mean 1.484
RMS 0.8803
size [# of strips]

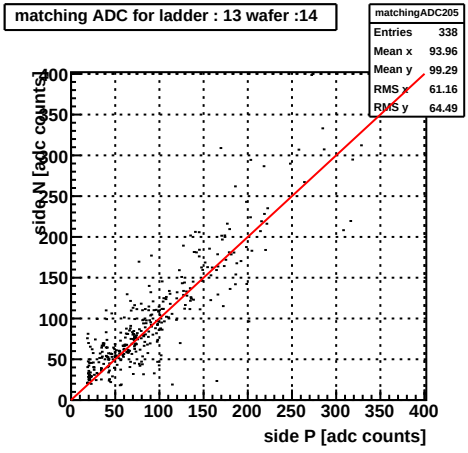

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

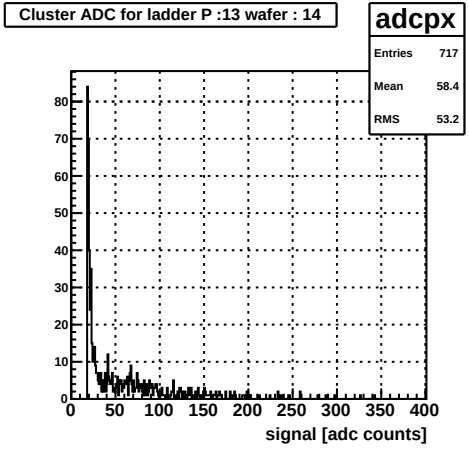

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 38
Mean 45.42
RMS 20.02
signal [adc counts]

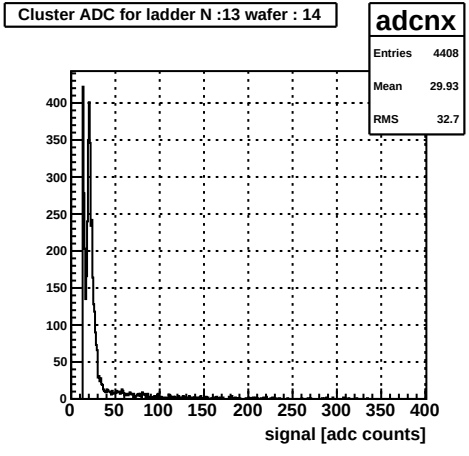

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 735
Mean 62.67
RMS 62.31
signal [adc counts]

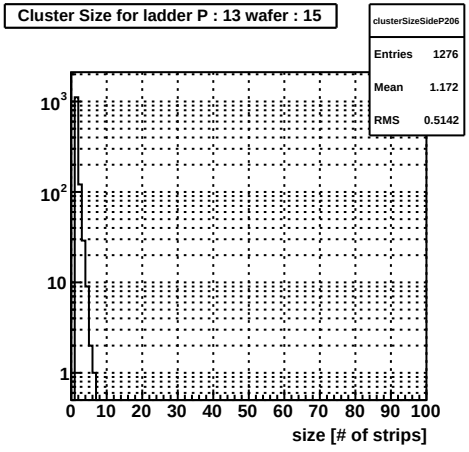

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 717
Mean 1.329
RMS 0.6493
size [# of strips]

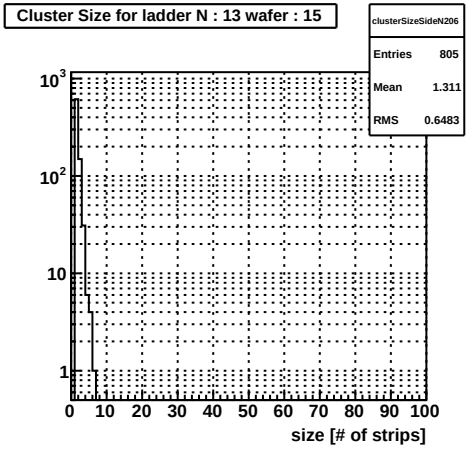

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 4408
Mean 1.197
RMS 0.6491
size [# of strips]

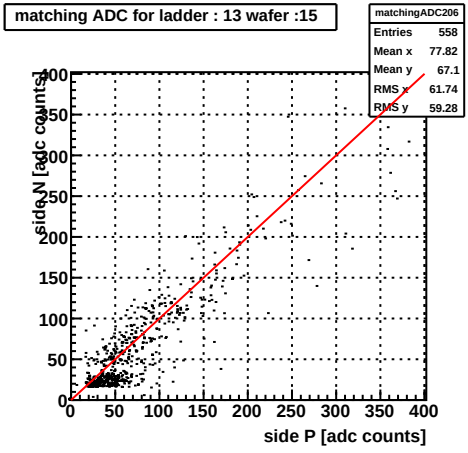

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 338
Mean x 93.96
Mean y 99.29
RMS x 61.16
RMS y 64.49
side N [adc counts]
side P [adc counts]

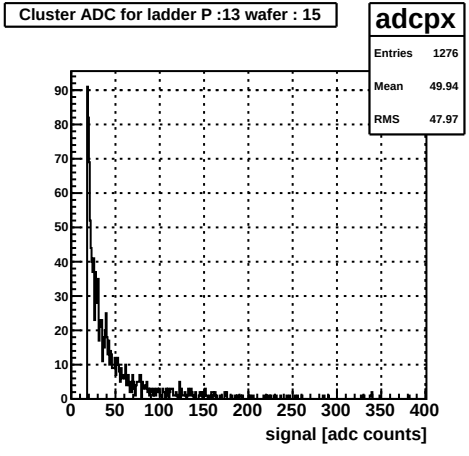

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 717
Mean 58.4
RMS 53.2
signal [adc counts]

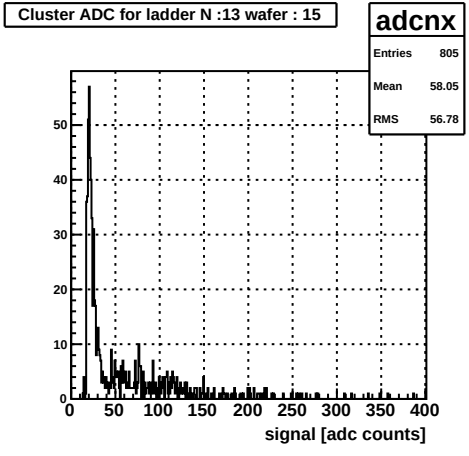

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 4408
Mean 29.93
RMS 32.7
signal [adc counts]

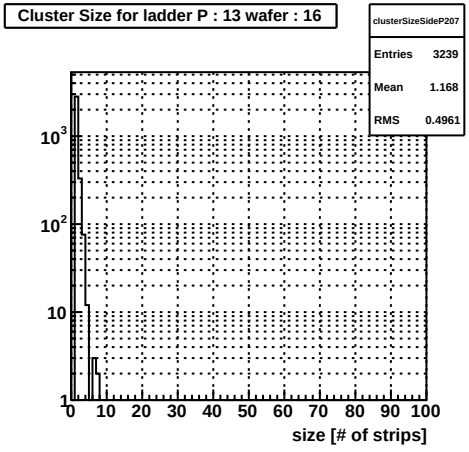

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 1276
Mean 1.172
RMS 0.5142
size [# of strips]

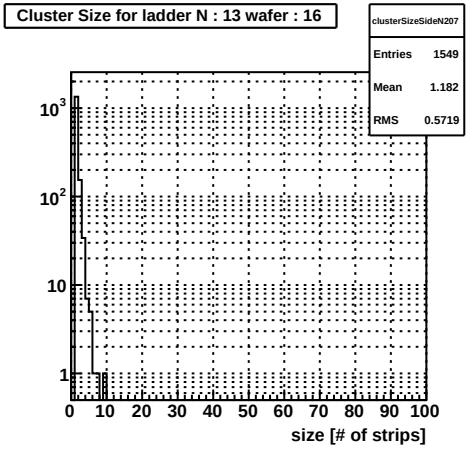

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 805
Mean 1.311
RMS 0.6483
size [# of strips]

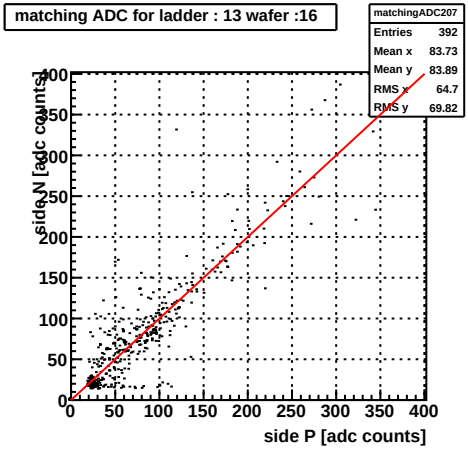

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 558
Mean x 77.82
Mean y 67.1
RMS x 61.74
RMS y 59.28
side N [adc counts]
side P [adc counts]

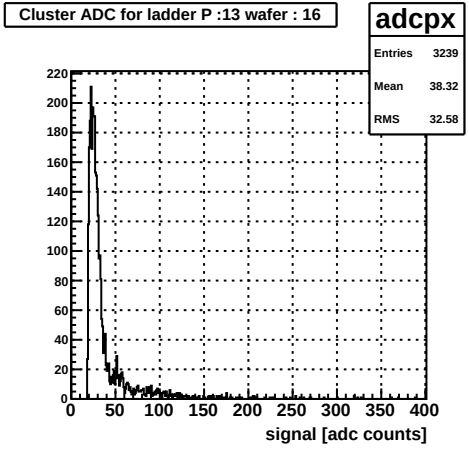

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 1276
Mean 49.94
RMS 47.97
signal [adc counts]

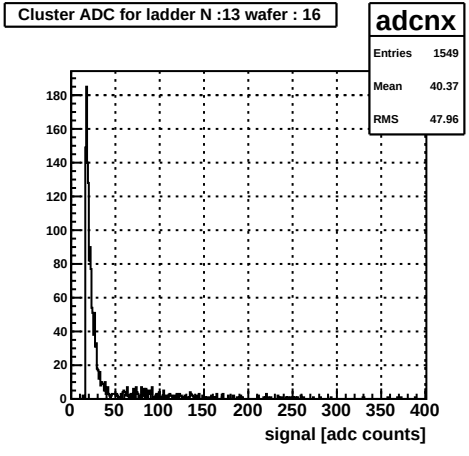

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 805
Mean 58.05
RMS 56.78
signal [adc counts]

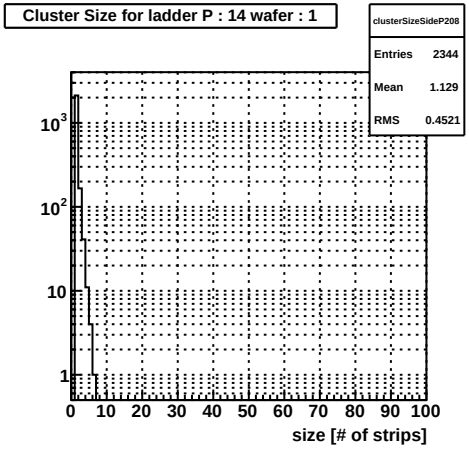

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 3239
Mean 1.168
RMS 0.4961
size [# of strips]

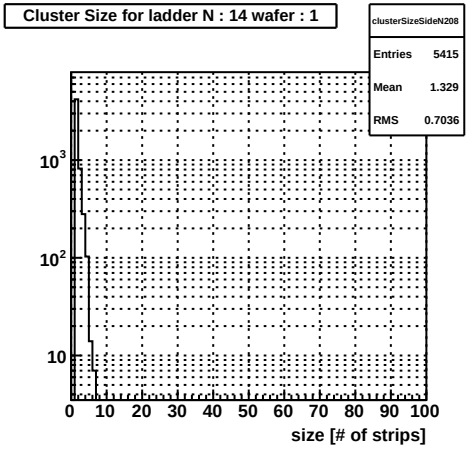

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 1549
Mean 1.182
RMS 0.5719
size [# of strips]

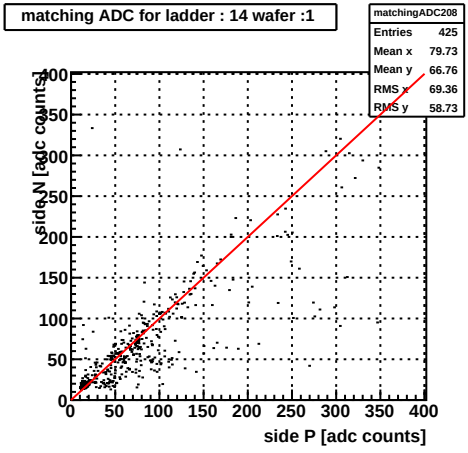

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 392
Mean x 83.73
Mean y 83.89
RMS x 64.7
RMS y 69.82
side N [adc counts]
side P [adc counts]

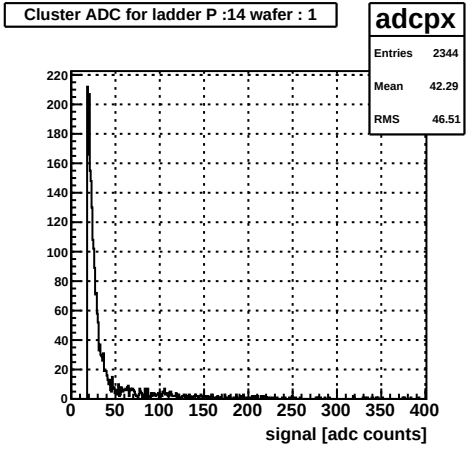

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 3239
Mean 38.32
RMS 32.58
signal [adc counts]

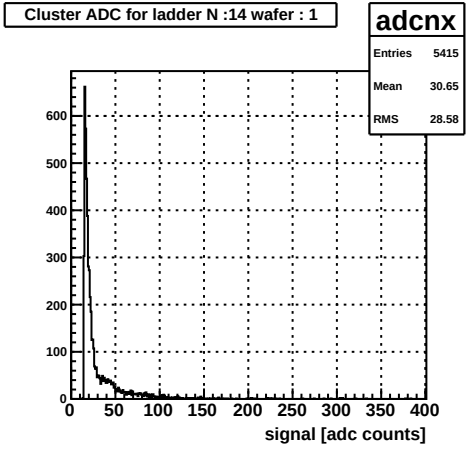

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 1549
Mean 40.37
RMS 47.96
signal [adc counts]

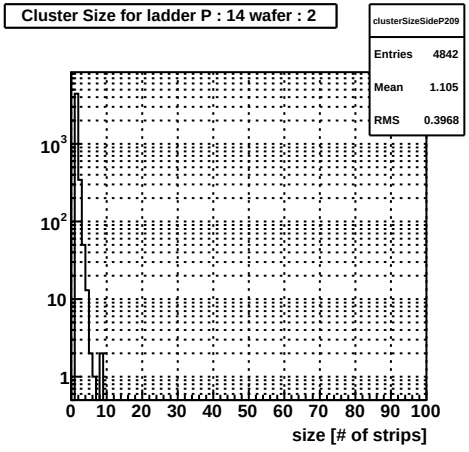

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 2344
Mean 1.129
RMS 0.4521
size [# of strips]

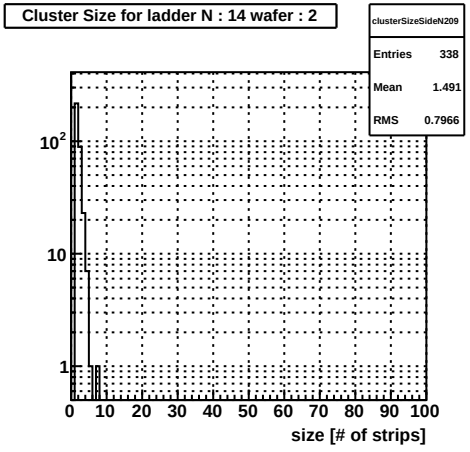

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 5415
Mean 1.329
RMS 0.7036
size [# of strips]

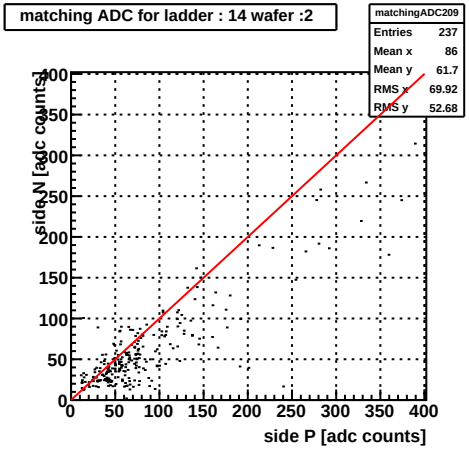

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 425
Mean x 79.73
Mean y 66.76
RMS x 69.36
RMS y 58.73
side N [adc counts]
side P [adc counts]

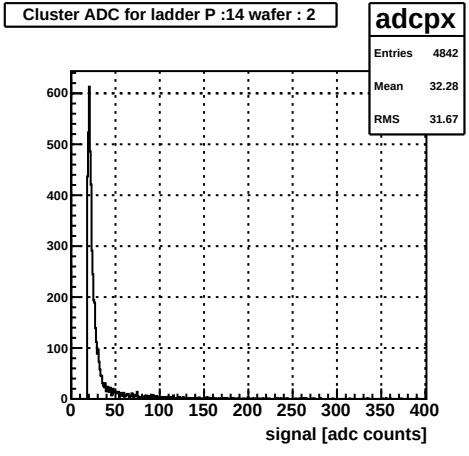

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 2344
Mean 42.29
RMS 46.51
signal [adc counts]

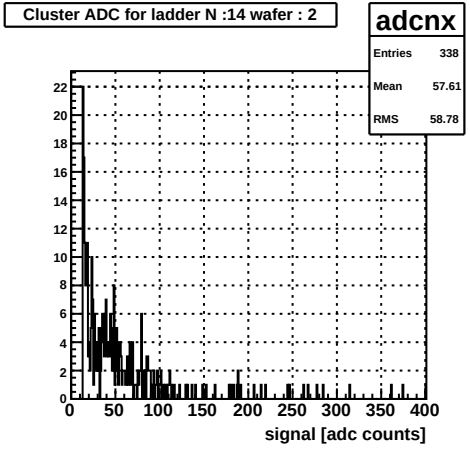

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 5415
Mean 30.65
RMS 28.58
signal [adc counts]

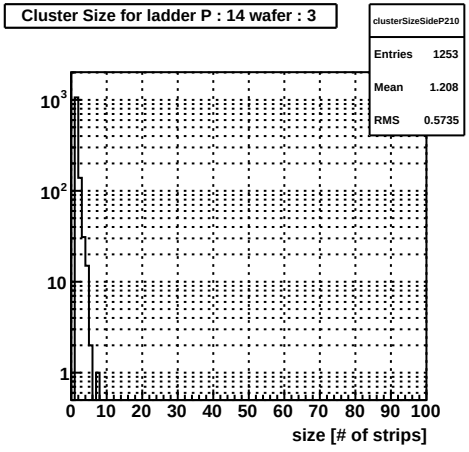

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 4842
Mean 1.105
RMS 0.3968
size [# of strips]

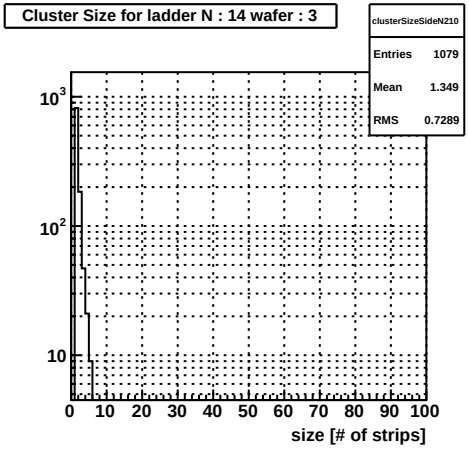

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 338
Mean 1.491
RMS 0.7966
size [# of strips]

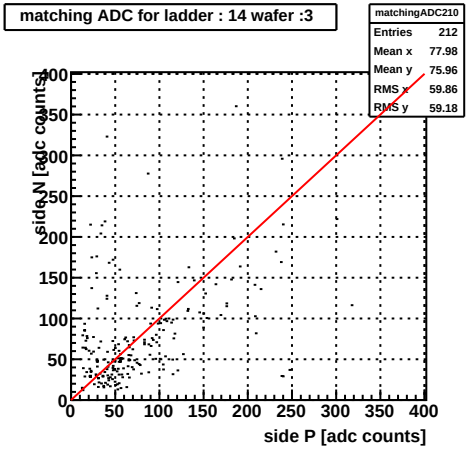

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 237
Mean x 86
Mean y 61.7
RMS x 69.92
RMS y 52.68
side N [adc counts]
side P [adc counts]

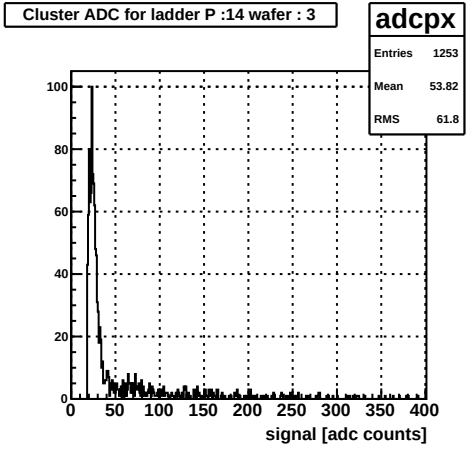

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 4842
Mean 32.28
RMS 31.67
signal [adc counts]

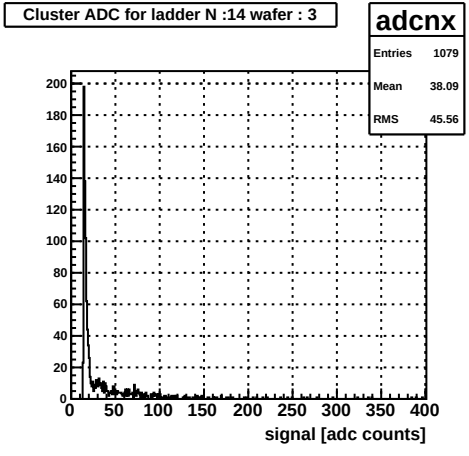

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 338
Mean 57.61
RMS 58.78
signal [adc counts]

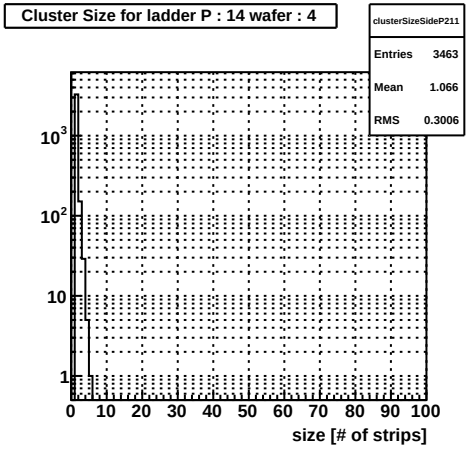

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 1253
Mean 1.208
RMS 0.5735
size [# of strips]

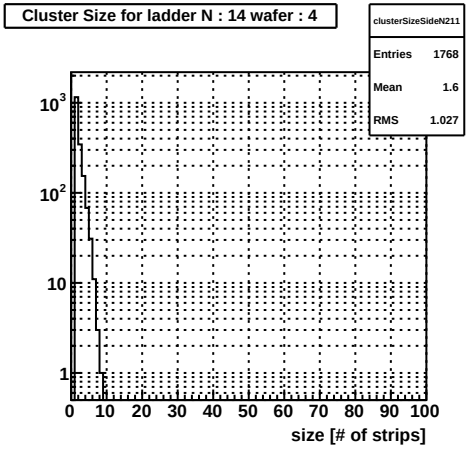

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 1079
Mean 1.349
RMS 0.7289
size [# of strips]

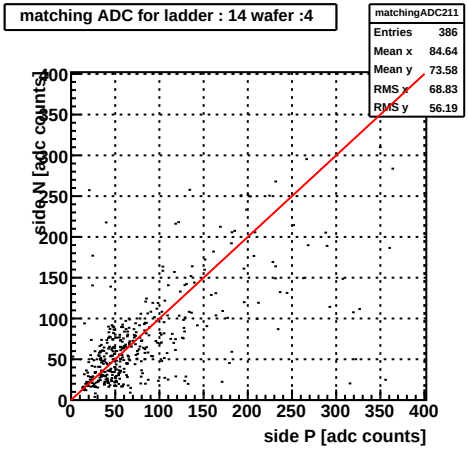

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 212
Mean x 77.98
Mean y 75.96
RMS x 59.86
RMS y 59.18
side N [adc counts]
side P [adc counts]

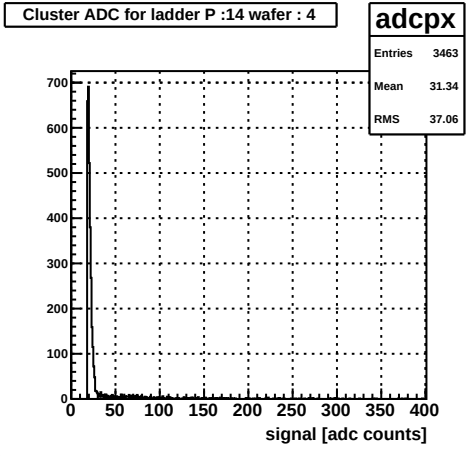

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 1253
Mean 53.82
RMS 61.8
signal [adc counts]

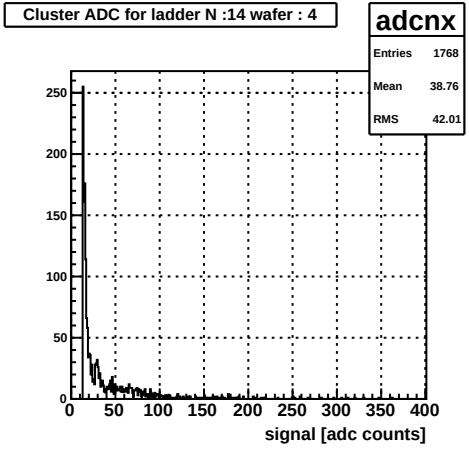

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 1079
Mean 38.09
RMS 45.56
signal [adc counts]

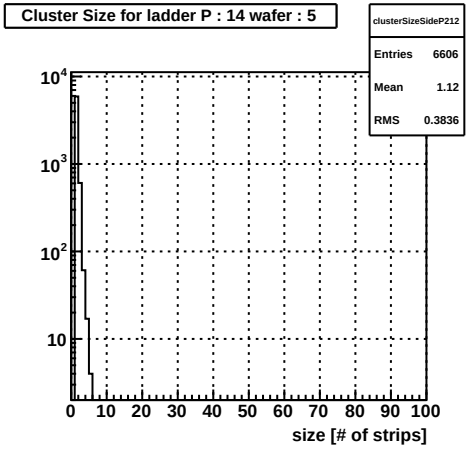

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 3463
Mean 1.066
RMS 0.3006
size [# of strips]

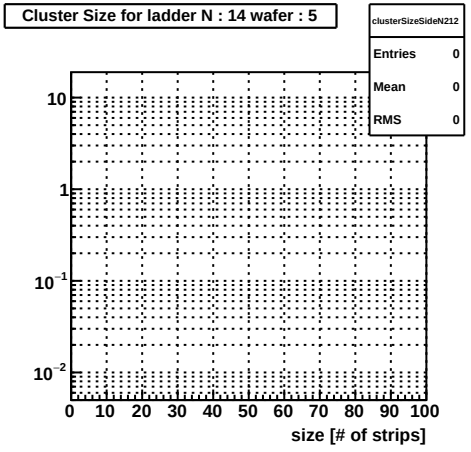

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 1768
Mean 1.6
RMS 1.027
size [# of strips]

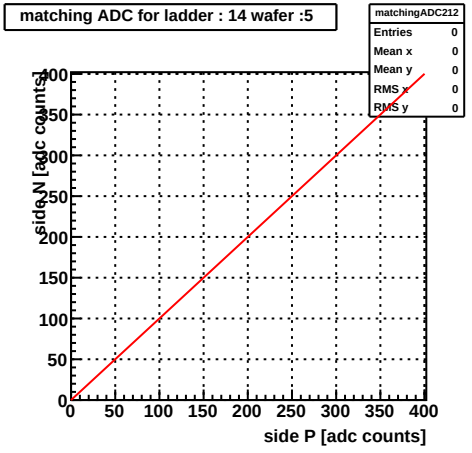

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 386
Mean x 84.64
Mean y 73.58
RMS x 68.83
RMS y 56.19
side N [adc counts]
side P [adc counts]

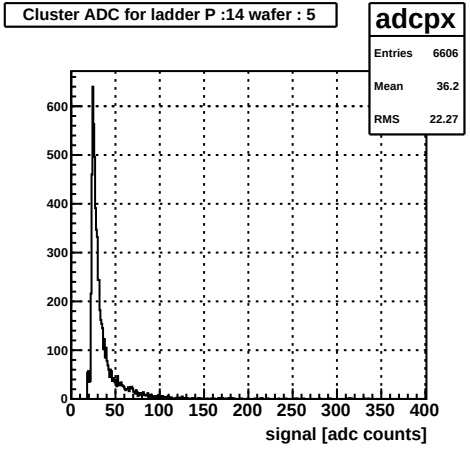

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 3463
Mean 31.34
RMS 37.06
signal [adc counts]

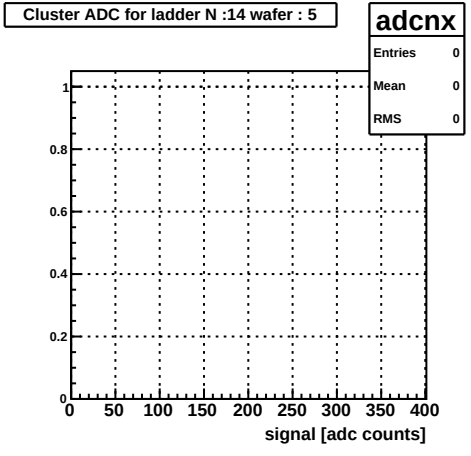

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 1768
Mean 38.76
RMS 42.01
signal [adc counts]

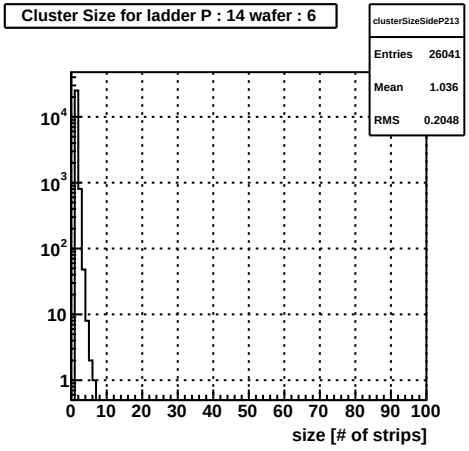

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 6606
Mean 1.12
RMS 0.3836
size [# of strips]

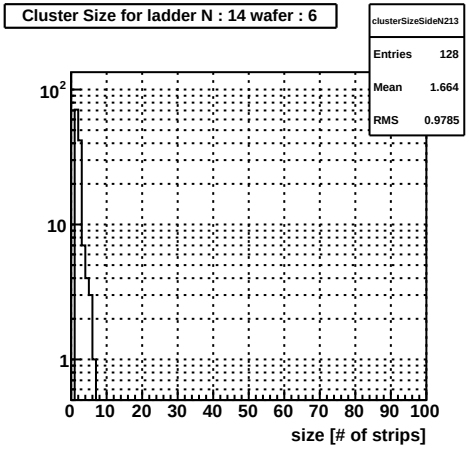

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

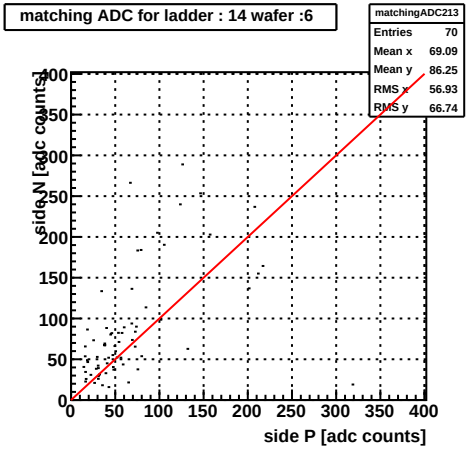

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

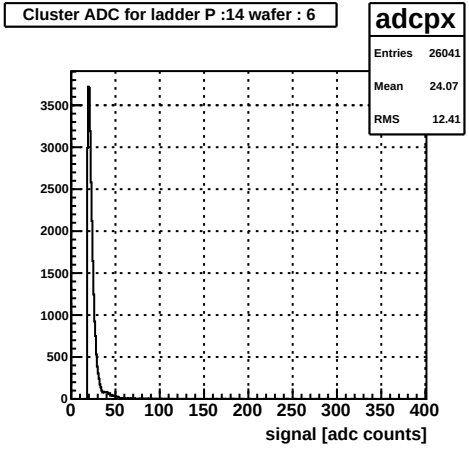

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 6606
Mean 36.2
RMS 22.27
signal [adc counts]

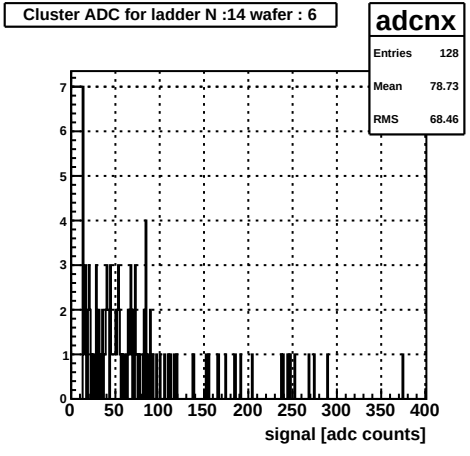

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

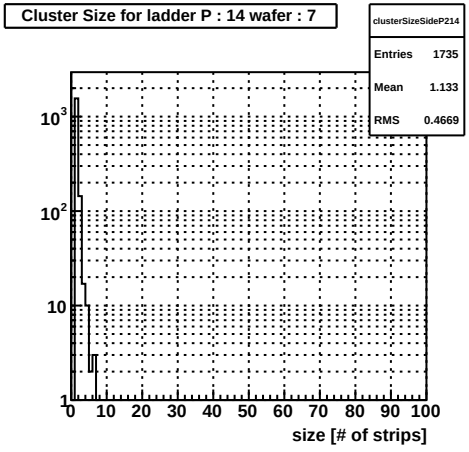

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 26041
Mean 1.036
RMS 0.2048
size [# of strips]

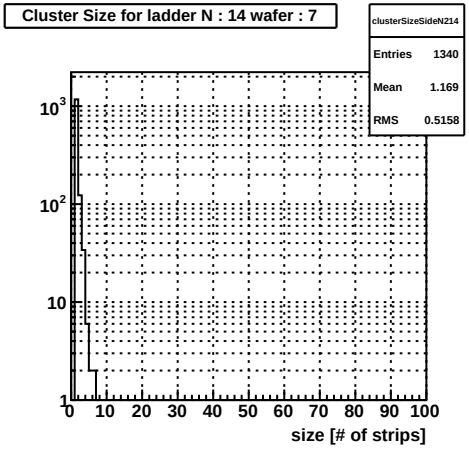

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 128
Mean 1.664
RMS 0.9785
size [# of strips]

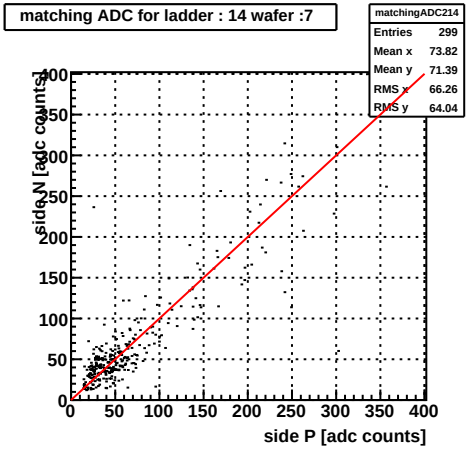

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 70
Mean x 69.09
Mean y 86.25
RMS x 56.93
RMS y 66.74
side N [adc counts]
side P [adc counts]

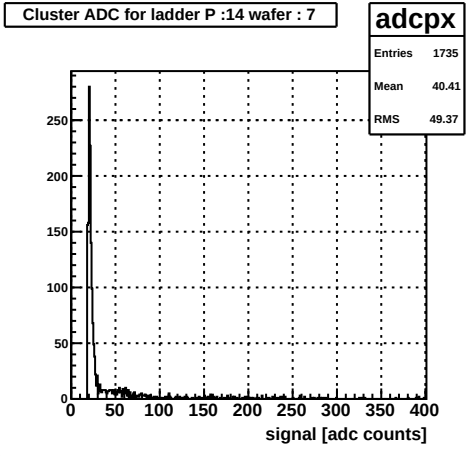

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 26041
Mean 24.07
RMS 12.41
signal [adc counts]

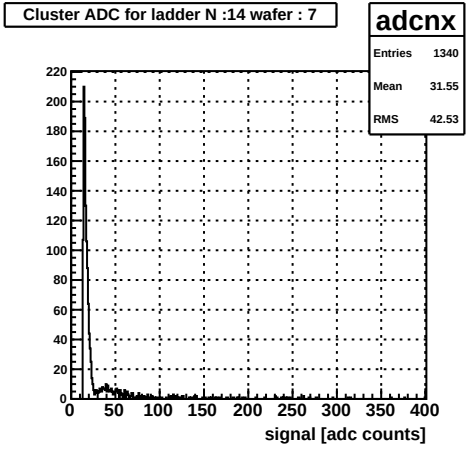

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 128
Mean 78.73
RMS 68.46
signal [adc counts]

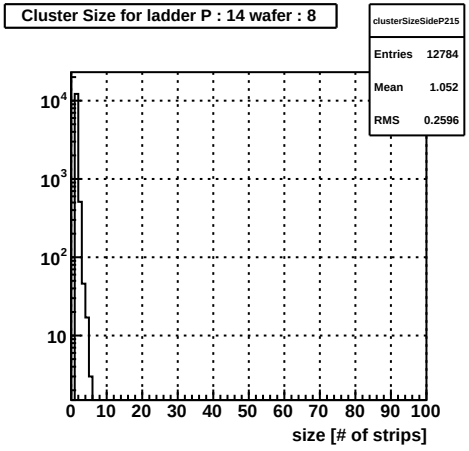

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 1735
Mean 1.133
RMS 0.4669
size [# of strips]

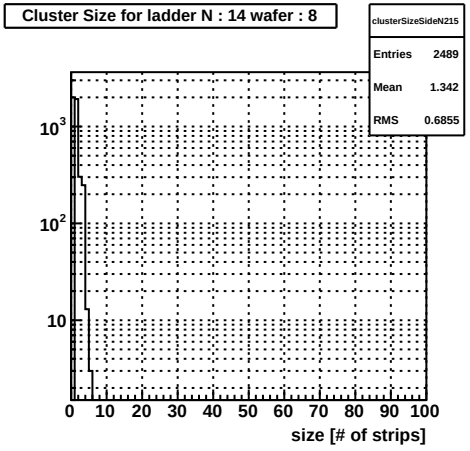

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 1340
Mean 1.169
RMS 0.5158
size [# of strips]

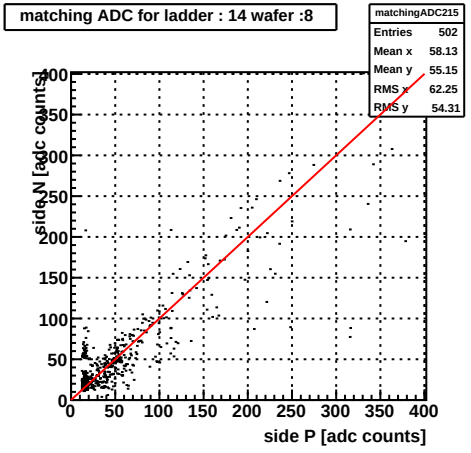

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 299
Mean x 73.82
Mean y 71.39
RMS x 66.26
RMS y 64.04
side N [adc counts]
side P [adc counts]

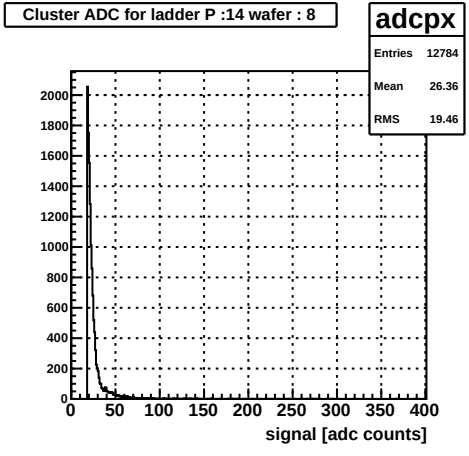

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 1735
Mean 40.41
RMS 49.37
signal [adc counts]

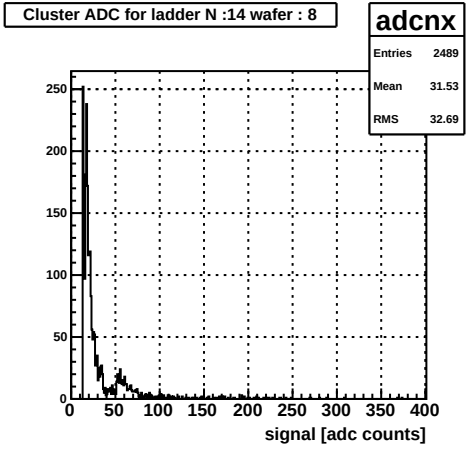

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 1340
Mean 31.55
RMS 42.53
signal [adc counts]

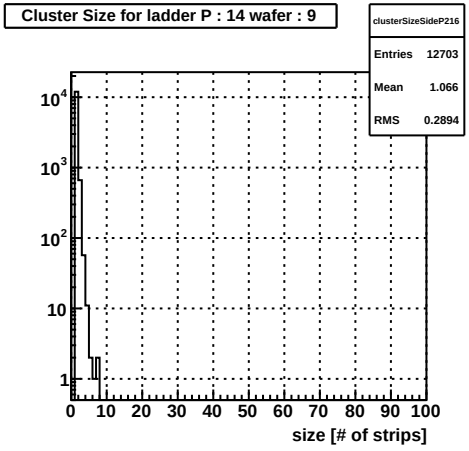

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 12784
Mean 1.052
RMS 0.2596
size [# of strips]

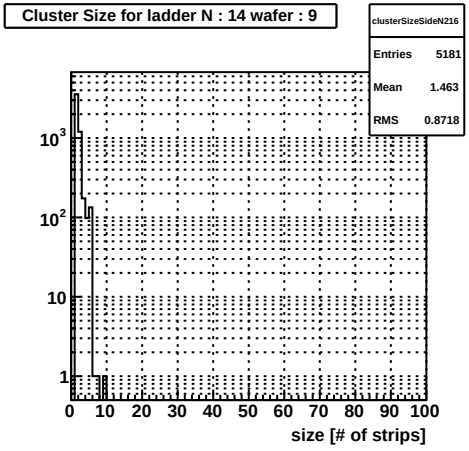

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 2489
Mean 1.342
RMS 0.6855
size [# of strips]

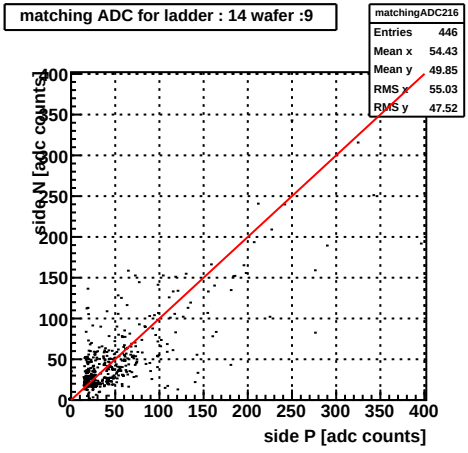

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 502
Mean x 58.13
Mean y 55.15
RMS x 62.25
RMS y 54.31
side N [adc counts]
side P [adc counts]

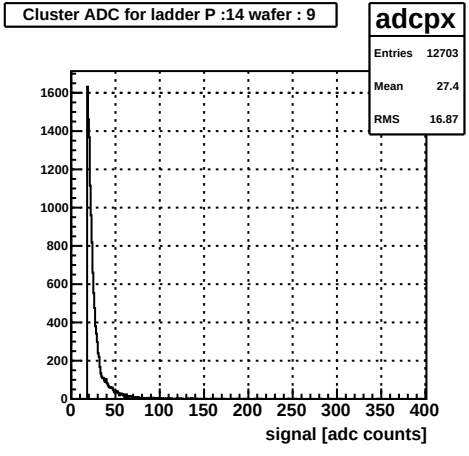

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 12784
Mean 26.36
RMS 19.46
signal [adc counts]

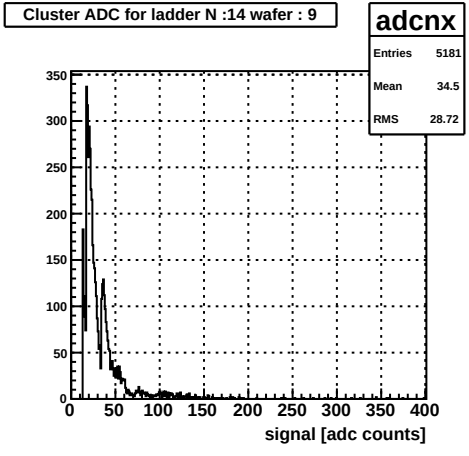

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 2489
Mean 31.53
RMS 32.69
signal [adc counts]

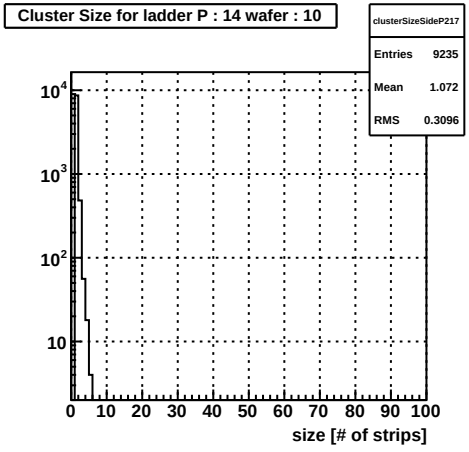

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 12703
Mean 1.066
RMS 0.2894
size [# of strips]

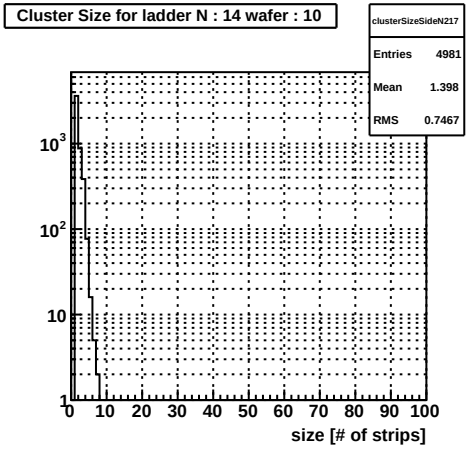

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 5181
Mean 1.463
RMS 0.8718
size [# of strips]

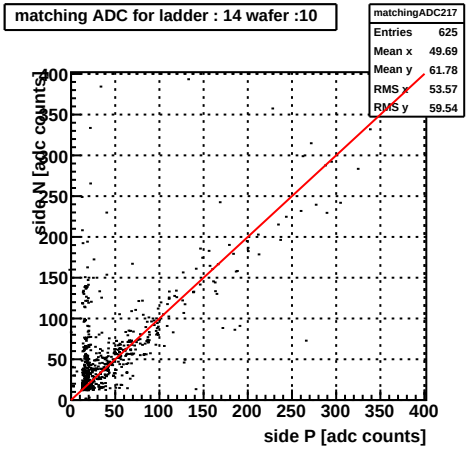

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 446
Mean x 54.43
Mean y 49.85
RMS x 55.03
RMS y 47.52
side N [adc counts]
side P [adc counts]

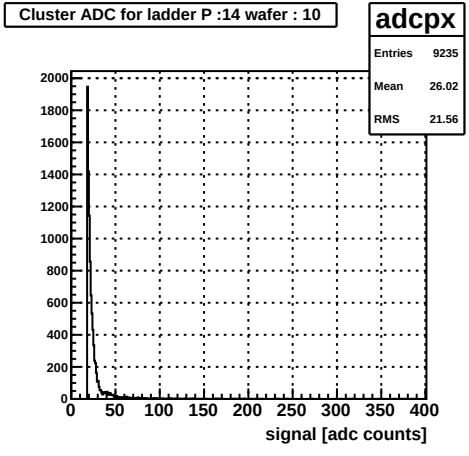

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 12703
Mean 27.4
RMS 16.87
signal [adc counts]

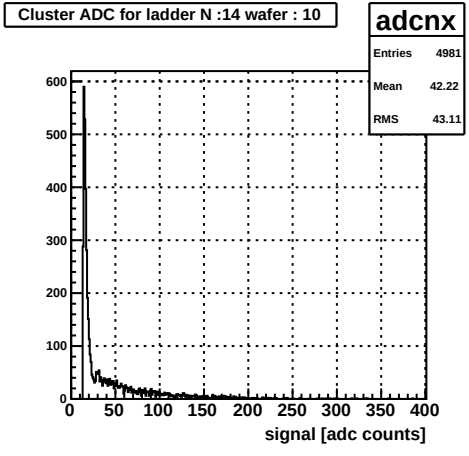

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 5181
Mean 34.5
RMS 28.72
signal [adc counts]

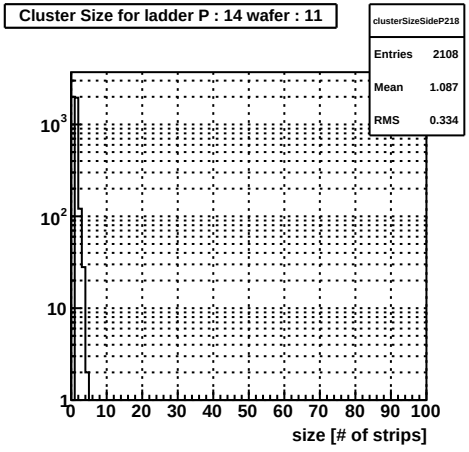

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 9235
Mean 1.072
RMS 0.3096
size [# of strips]

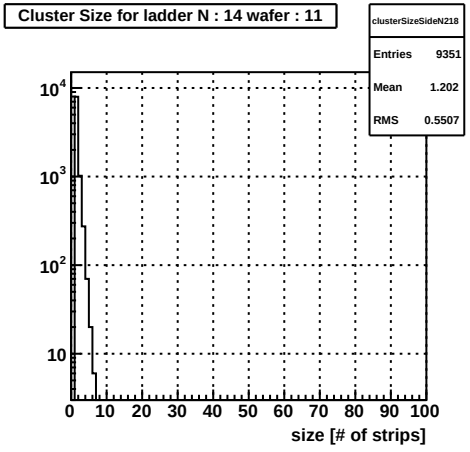

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 4981
Mean 1.398
RMS 0.7467
size [# of strips]

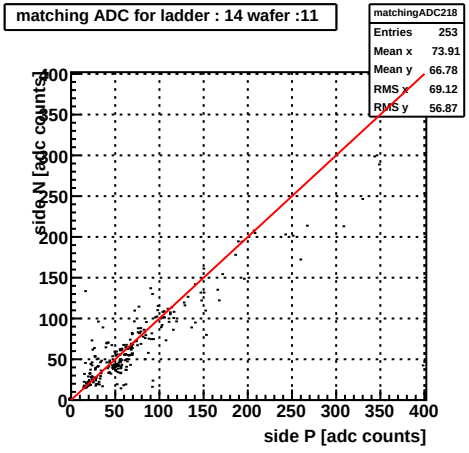

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 625
Mean x 49.69
Mean y 61.78
RMS x 53.57
RMS y 59.54
side N [adc counts]
side P [adc counts]

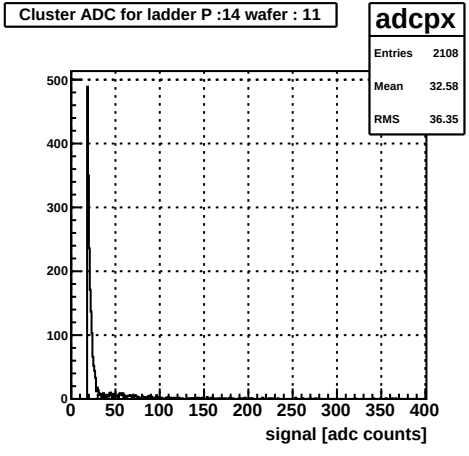

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 9235
Mean 26.02
RMS 21.56
signal [adc counts]

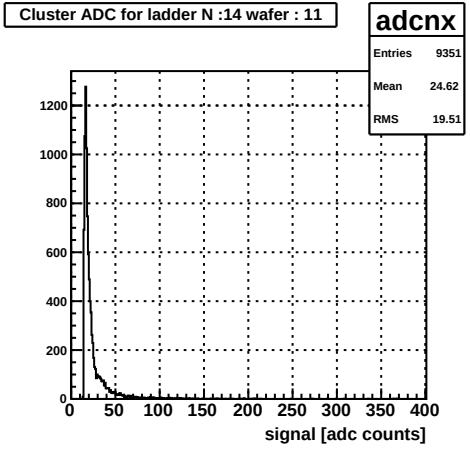

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 4981
Mean 42.22
RMS 43.11
signal [adc counts]

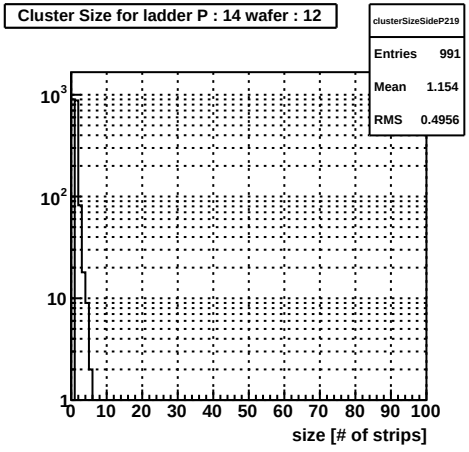

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 2108
Mean 1.087
RMS 0.334
size [# of strips]

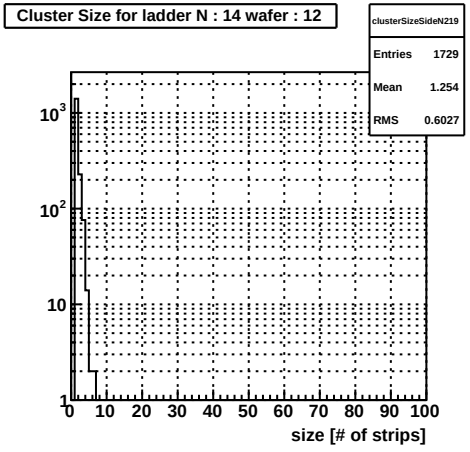

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 9351
Mean 1.202
RMS 0.5507
size [# of strips]

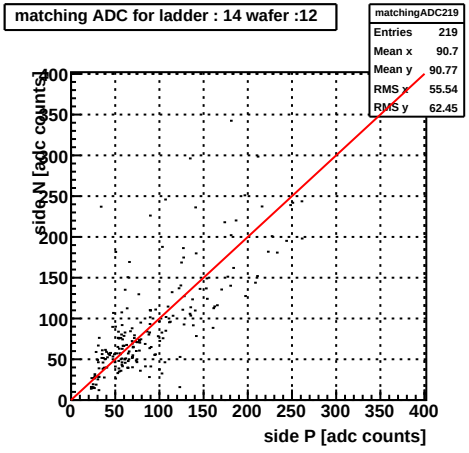

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 253
Mean x 73.91
Mean y 66.78
RMS x 69.12
RMS y 56.87
side N [adc counts]
side P [adc counts]

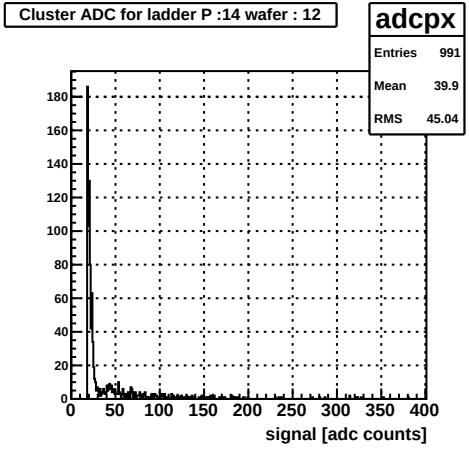

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 2108
Mean 32.58
RMS 36.35
signal [adc counts]

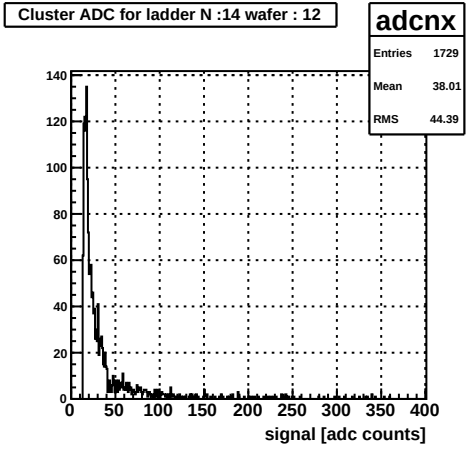

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 9351
Mean 24.62
RMS 19.51
signal [adc counts]

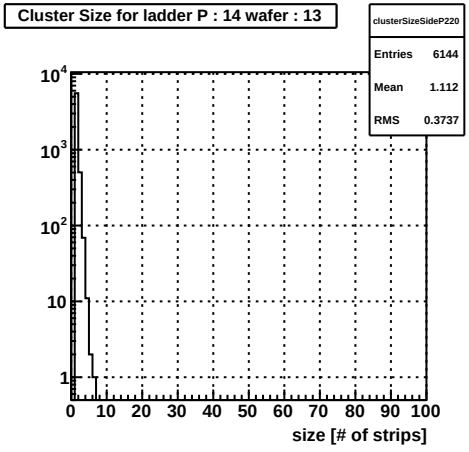

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 991
Mean 1.154
RMS 0.4956
size [# of strips]

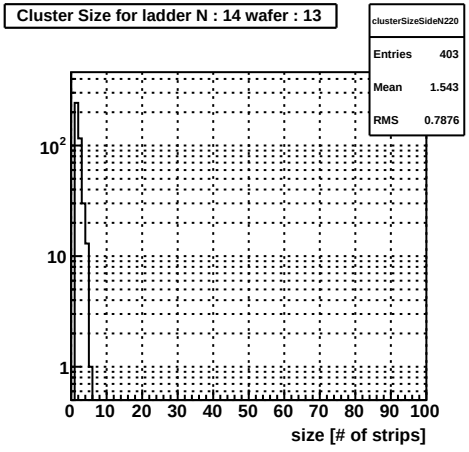

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 1729
Mean 1.254
RMS 0.6027
size [# of strips]

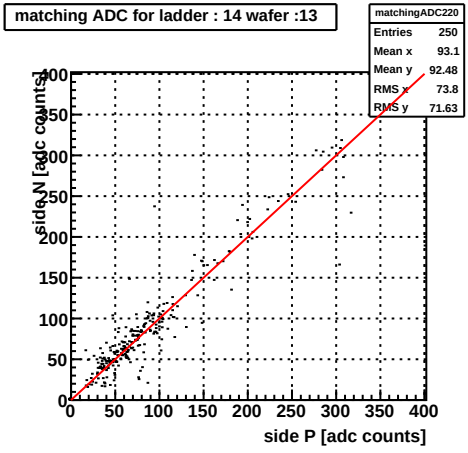

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 219
Mean x 90.7
Mean y 90.77
RMS x 55.54
RMS y 62.45
side N [adc counts]
side P [adc counts]

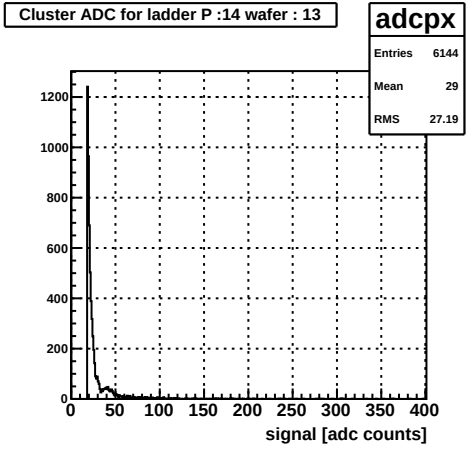

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 991
Mean 39.9
RMS 45.04
signal [adc counts]

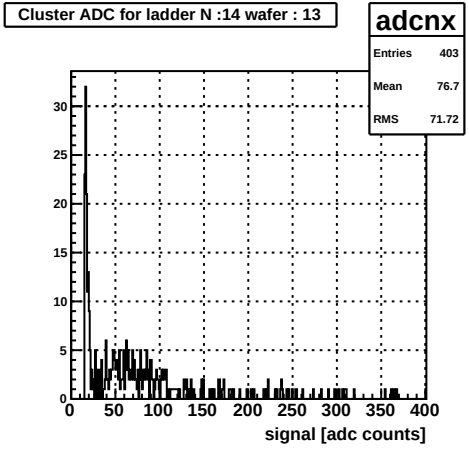

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 1729
Mean 38.01
RMS 44.39
signal [adc counts]

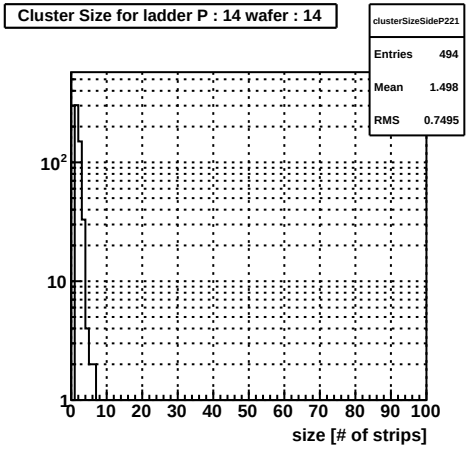

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 6144
Mean 1.112
RMS 0.3737
size [# of strips]

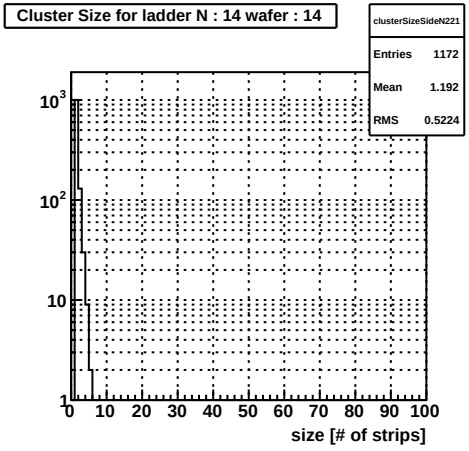

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 403
Mean 1.543
RMS 0.7876
size [# of strips]

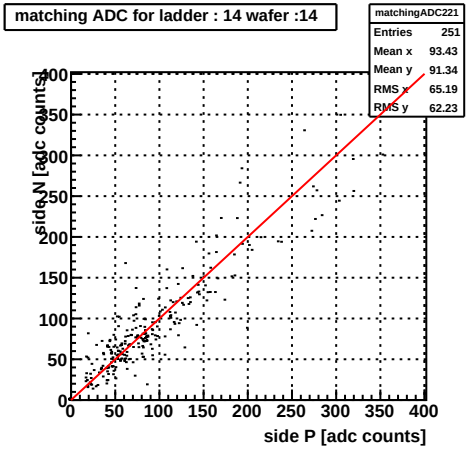

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 250
Mean x 93.1
Mean y 92.48
RMS x 73.8
RMS y 71.63
side N [adc counts]
side P [adc counts]

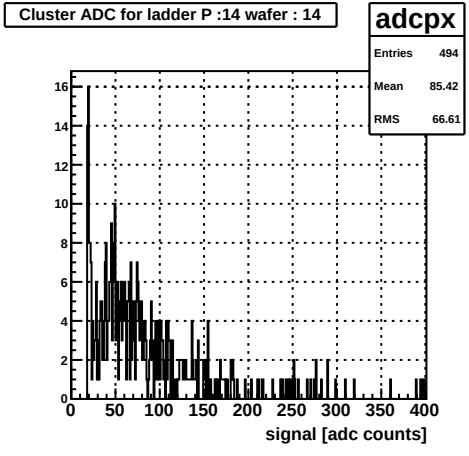

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 6144
Mean 29
RMS 27.19
signal [adc counts]

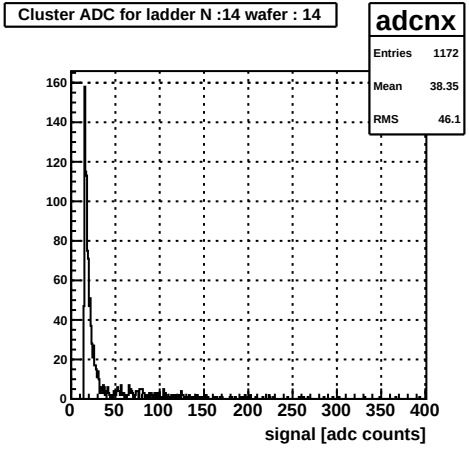

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 403
Mean 76.7
RMS 71.72
signal [adc counts]

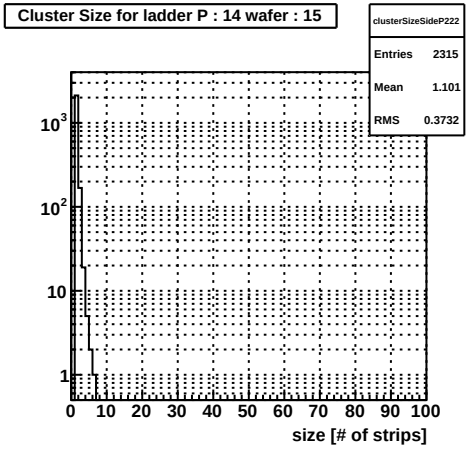

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 494
Mean 1.498
RMS 0.7495
size [# of strips]

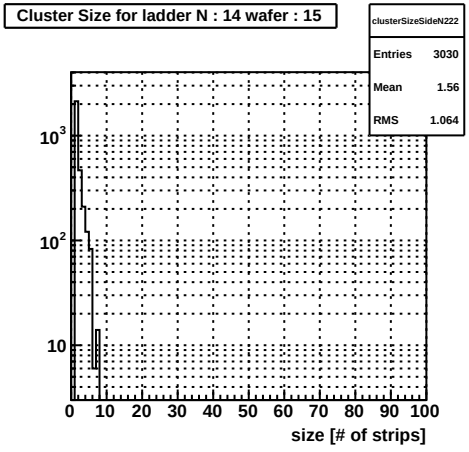

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 1172
Mean 1.192
RMS 0.5224
size [# of strips]

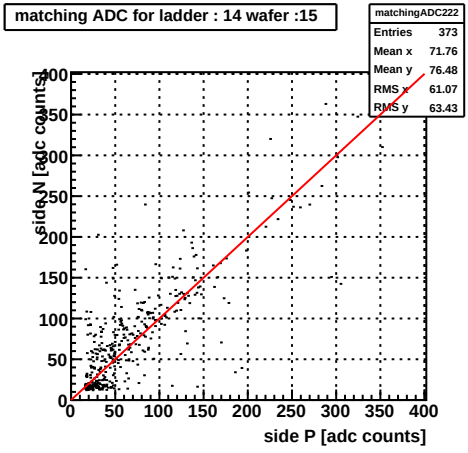

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 251
Mean x 93.43
Mean y 91.34
RMS x 65.19
RMS y 62.23
side N [adc counts]
side P [adc counts]

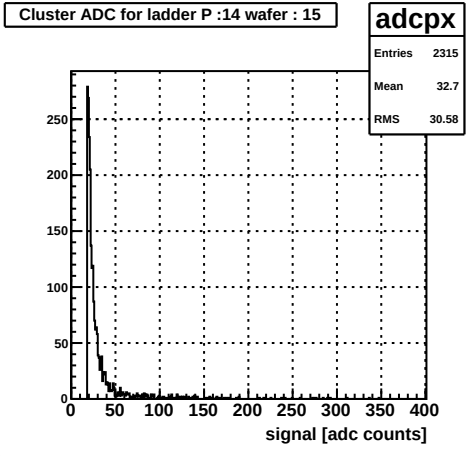

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 494
Mean 85.42
RMS 66.61
signal [adc counts]

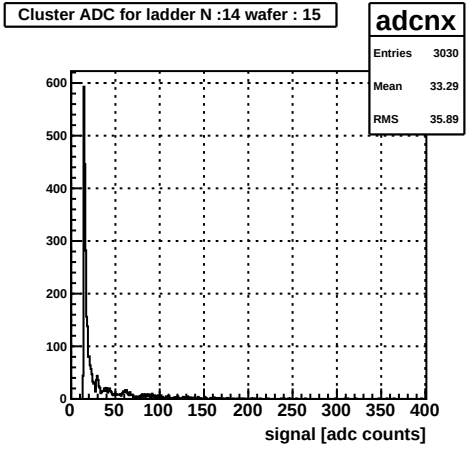

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 1172
Mean 38.35
RMS 46.1
signal [adc counts]

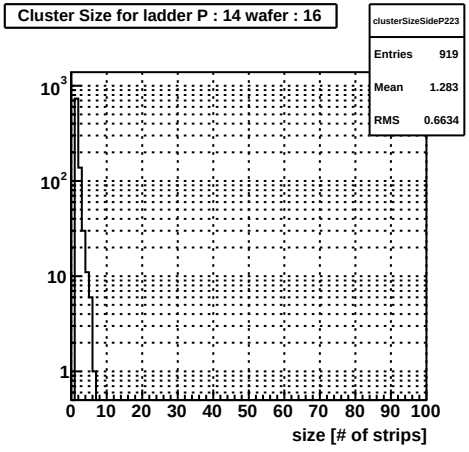

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 2315
Mean 1.101
RMS 0.3732
size [# of strips]

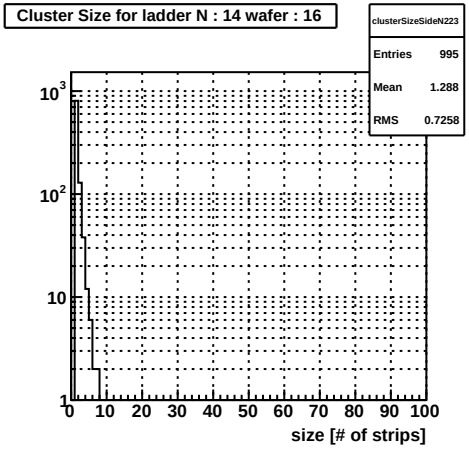

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 3030
Mean 1.56
RMS 1.064
size [# of strips]

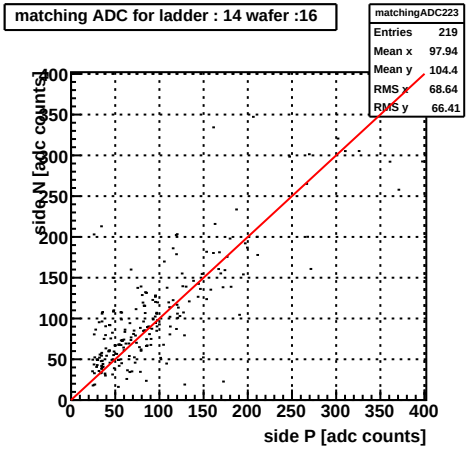

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 373
Mean x 71.76
Mean y 76.48
RMS x 61.07
RMS y 63.43
side N [adc counts]
side P [adc counts]

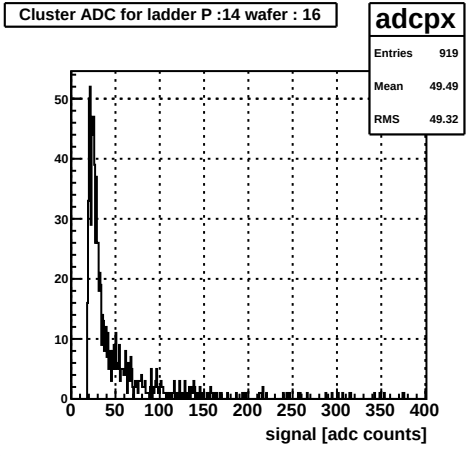

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 2315
Mean 32.7
RMS 30.58
signal [adc counts]

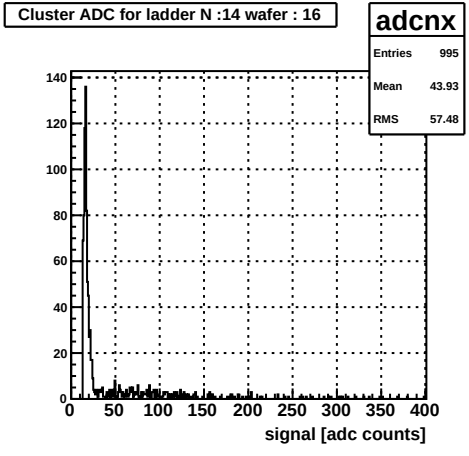

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 3030
Mean 33.29
RMS 35.89
signal [adc counts]

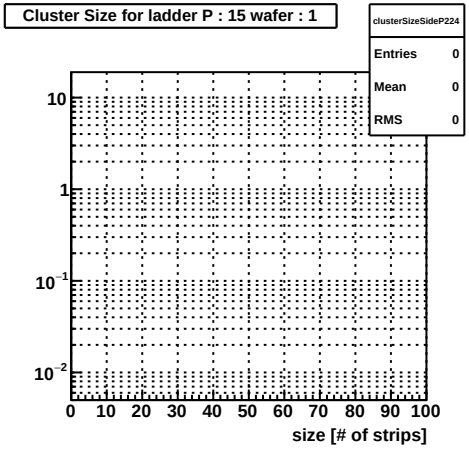

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 919
Mean 1.283
RMS 0.6634
size [# of strips]

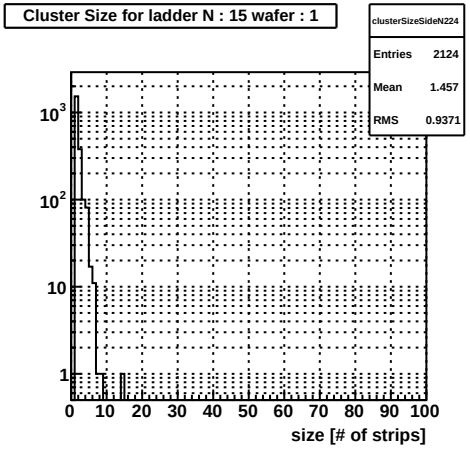

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 995
Mean 1.288
RMS 0.7258
size [# of strips]

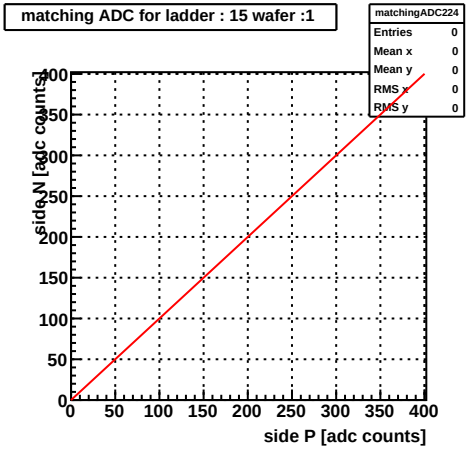

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 219
Mean x 97.94
Mean y 104.4
RMS x 68.64
RMS y 66.41
side N [adc counts]
side P [adc counts]

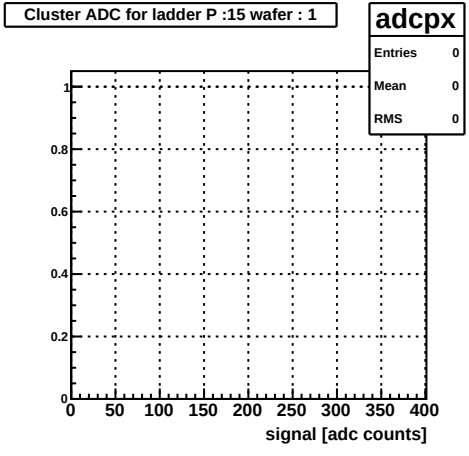

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 919
Mean 49.49
RMS 49.32
signal [adc counts]

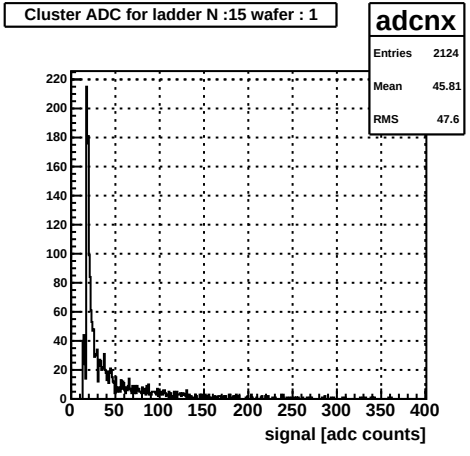

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 995
Mean 43.93
RMS 57.48
signal [adc counts]

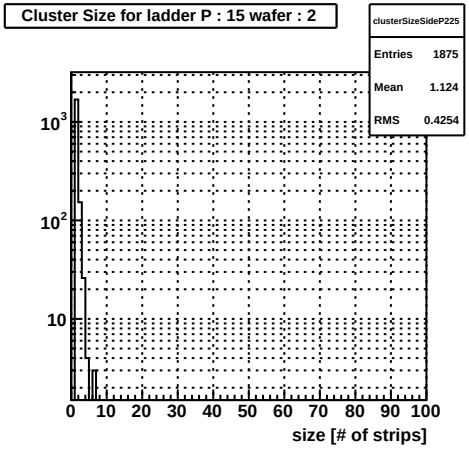

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

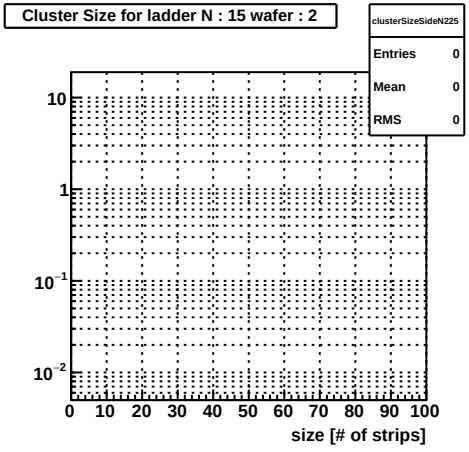

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 2124
Mean 1.457
RMS 0.9371
size [# of strips]

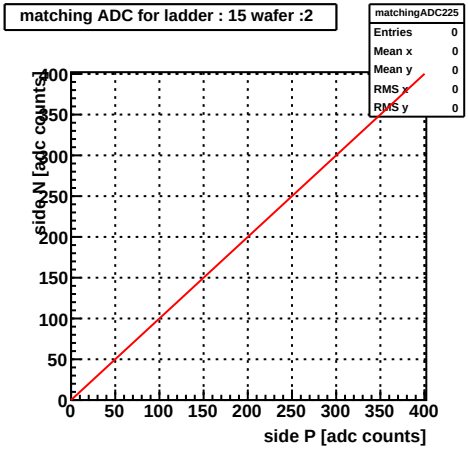

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

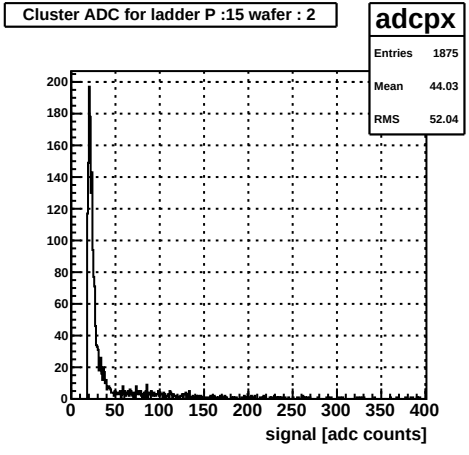

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

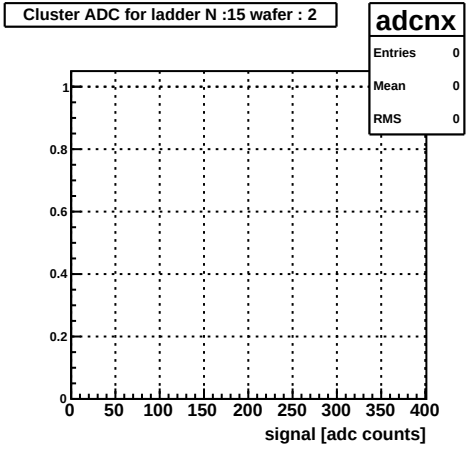

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 2124
Mean 45.81
RMS 47.6
signal [adc counts]

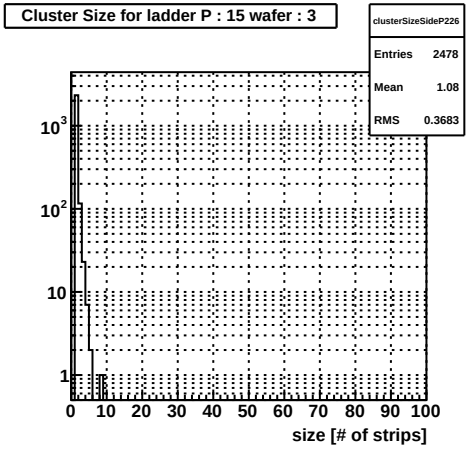

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 1875
Mean 1.124
RMS 0.4254
size [# of strips]

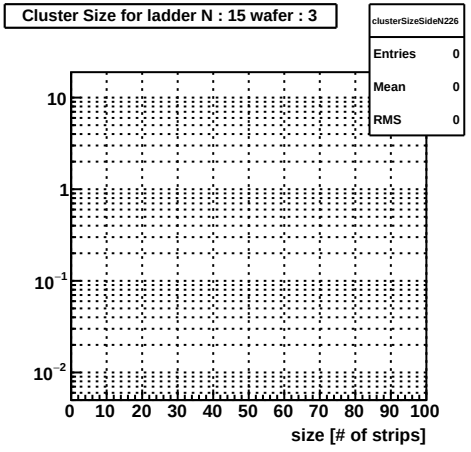

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

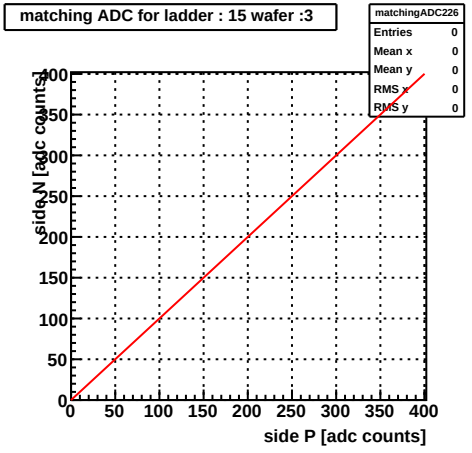

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

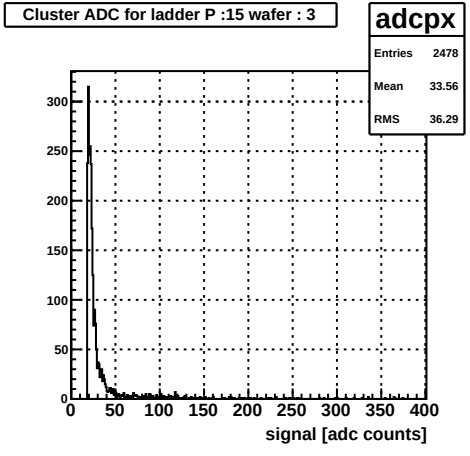

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 1875
Mean 44.03
RMS 52.04
signal [adc counts]

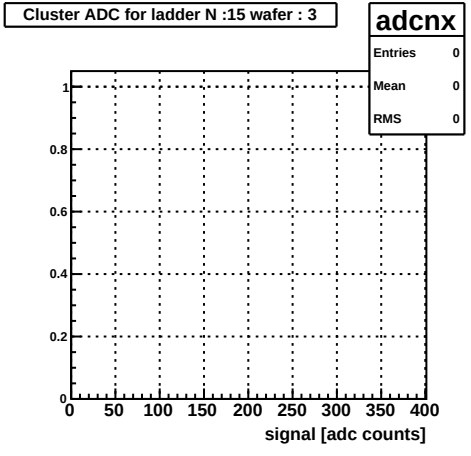

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

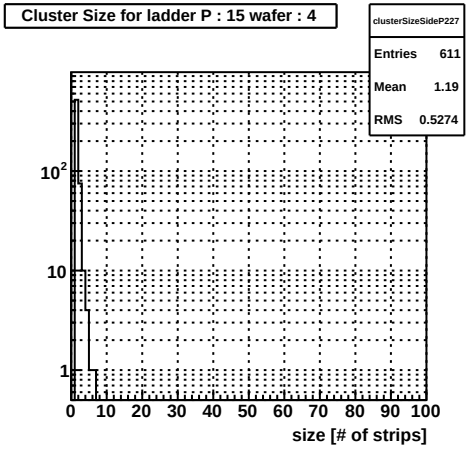

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 2478
Mean 1.08
RMS 0.3683
size [# of strips]

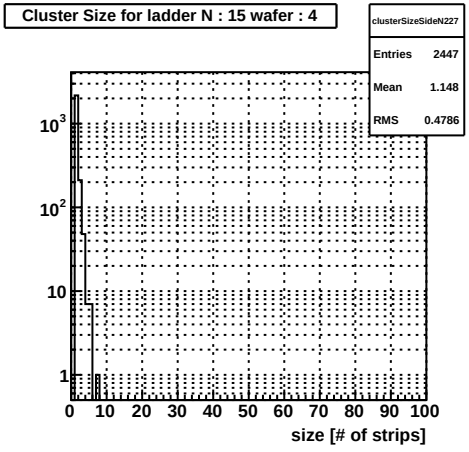

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

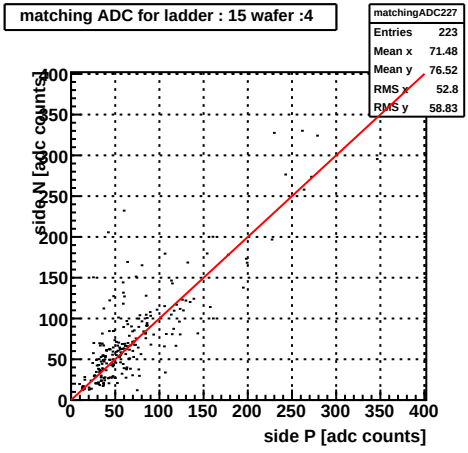

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

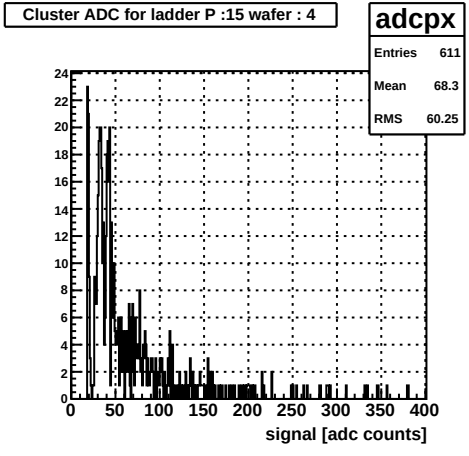

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 2478
Mean 33.56
RMS 36.29
signal [adc counts]

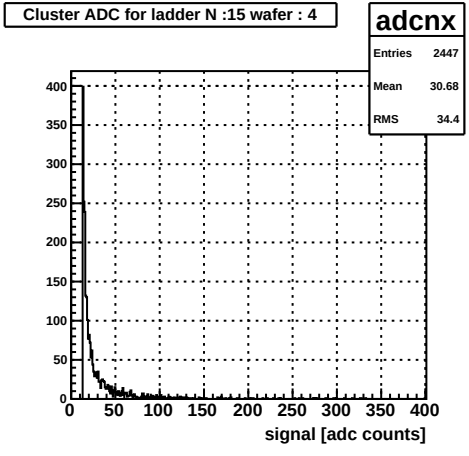

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

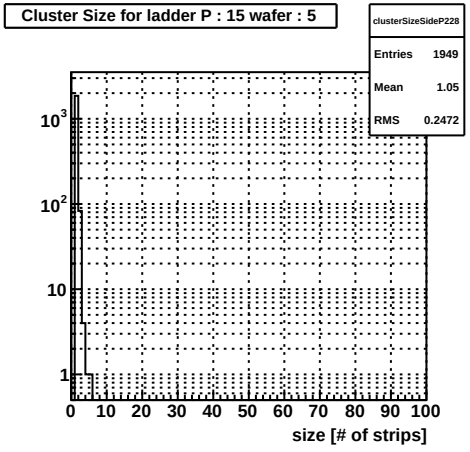

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 611
Mean 1.19
RMS 0.5274
size [# of strips]

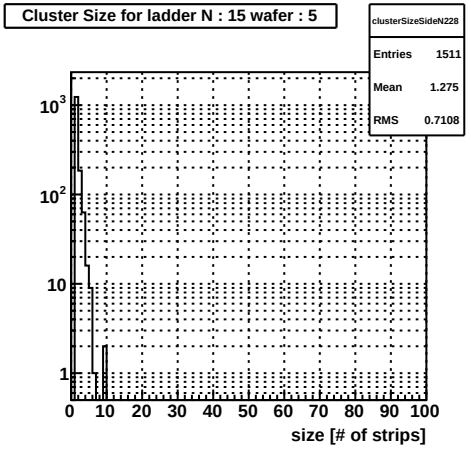

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 2447
Mean 1.148
RMS 0.4786
size [# of strips]

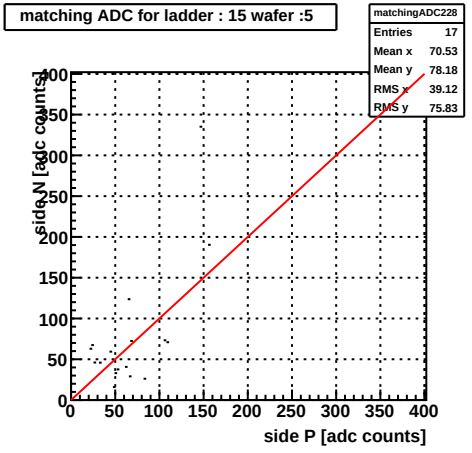

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 223
Mean x 71.48
Mean y 76.52
RMS x 52.8
RMS y 58.83
side N [adc counts]
side P [adc counts]

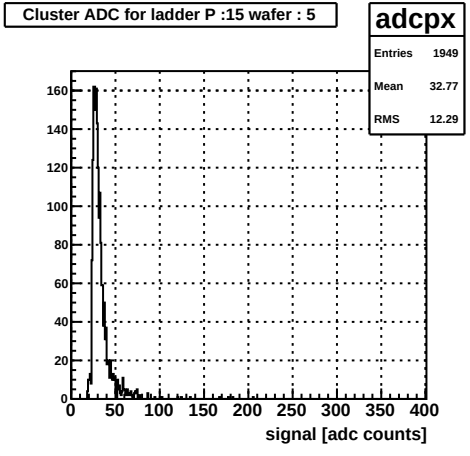

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 611
Mean 68.3
RMS 60.25
signal [adc counts]

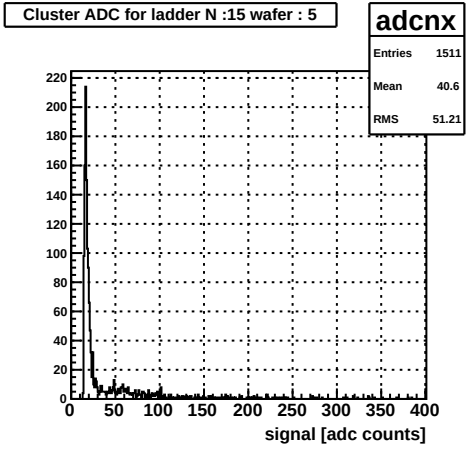

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 2447
Mean 30.68
RMS 34.4
signal [adc counts]

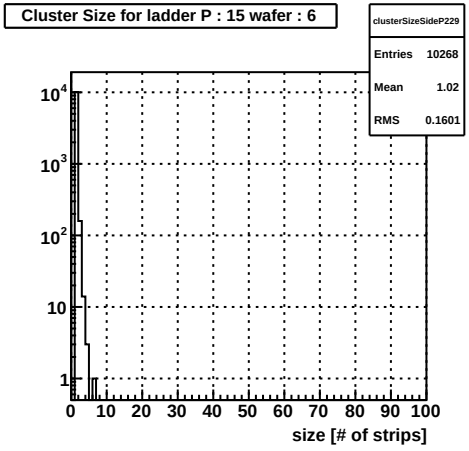

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1949
Mean 1.05
RMS 0.2472
size [# of strips]

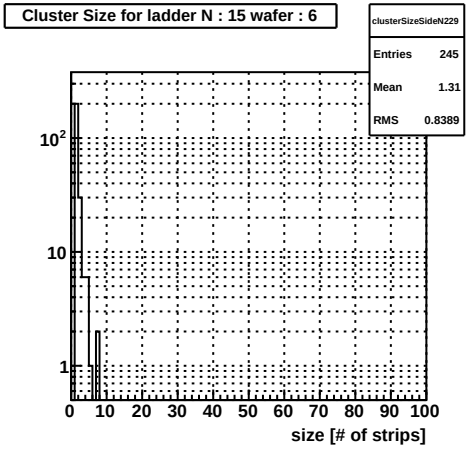

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 1511
Mean 1.275
RMS 0.7108
size [# of strips]

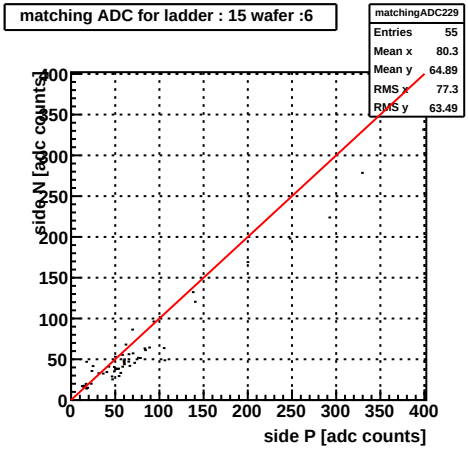

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 17
Mean x 70.53
Mean y 78.18
RMS x 39.12
RMS y 75.83
side N [adc counts]
side P [adc counts]

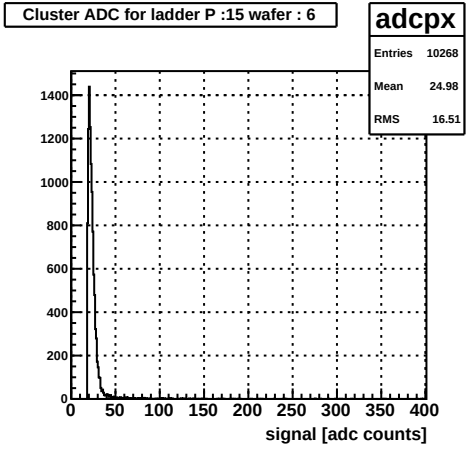

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1949
Mean 32.77
RMS 12.29
signal [adc counts]

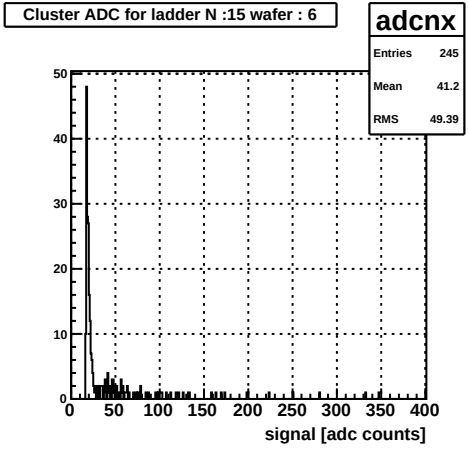

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 1511
Mean 40.6
RMS 51.21
signal [adc counts]

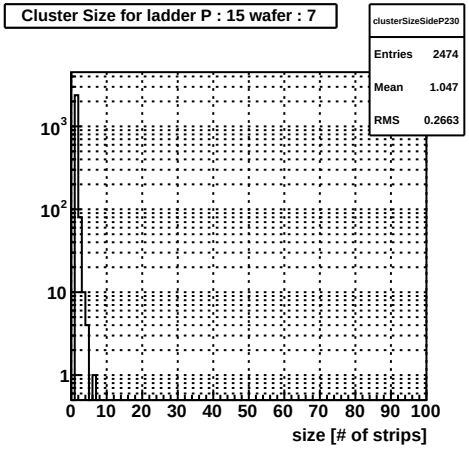

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 10268
Mean 1.02
RMS 0.1601
size [# of strips]

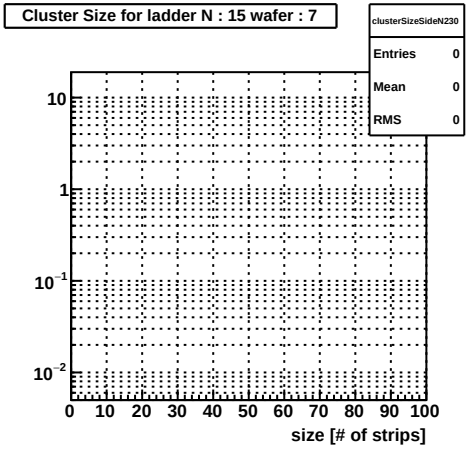

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 245
Mean 1.31
RMS 0.8389
size [# of strips]

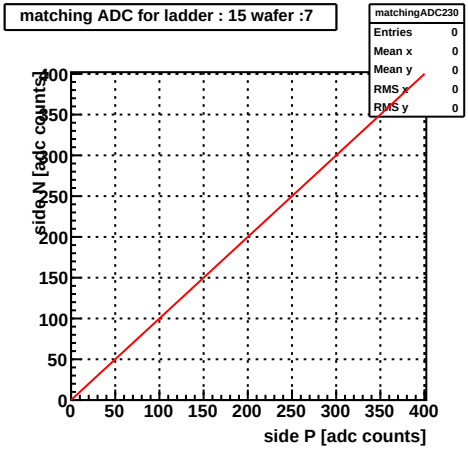

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 55
Mean x 80.3
Mean y 64.89
RMS x 77.3
RMS y 63.49
side N [adc counts]
side P [adc counts]

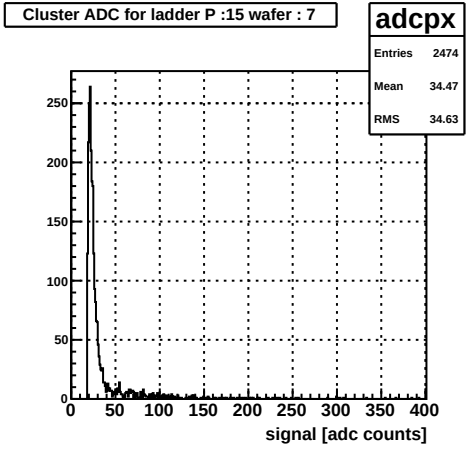

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 10268
Mean 24.98
RMS 16.51
signal [adc counts]

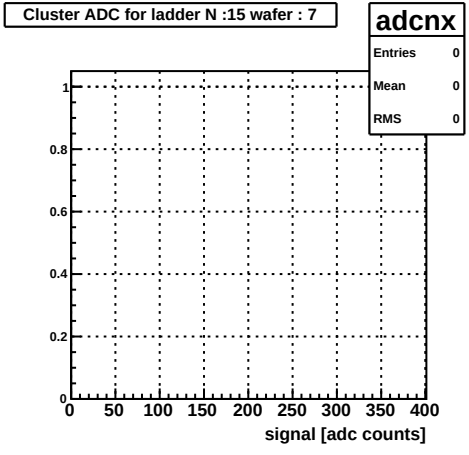

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 245
Mean 41.2
RMS 49.39
signal [adc counts]

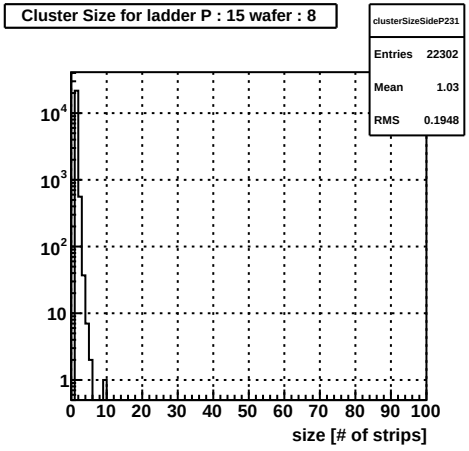

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 2474
Mean 1.047
RMS 0.2663
size [# of strips]

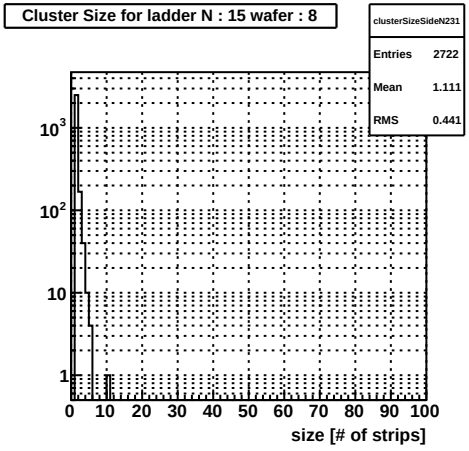

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

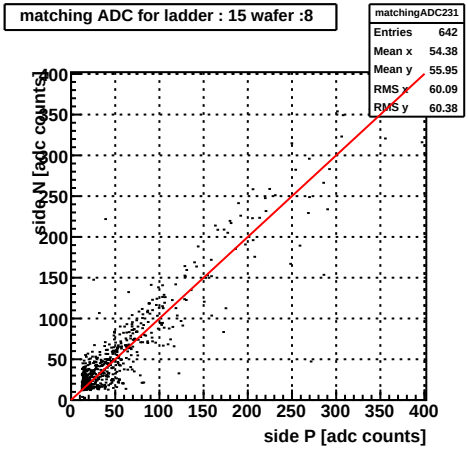

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

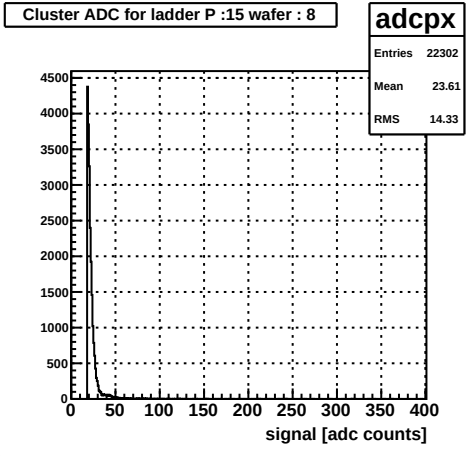

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 2474
Mean 34.47
RMS 34.63
signal [adc counts]

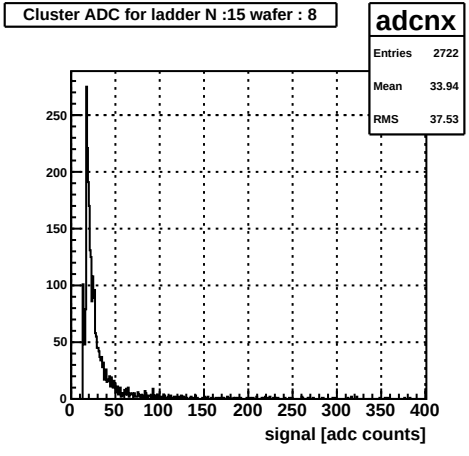

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

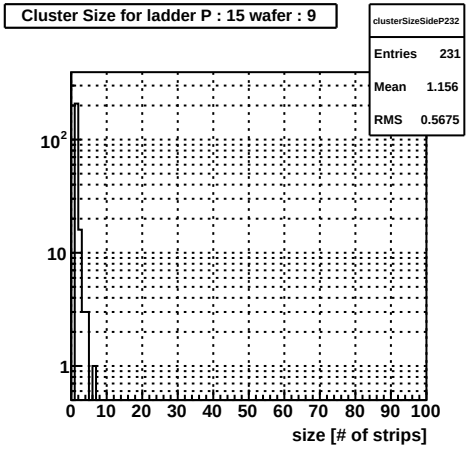

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 22302
Mean 1.03
RMS 0.1948
size [# of strips]

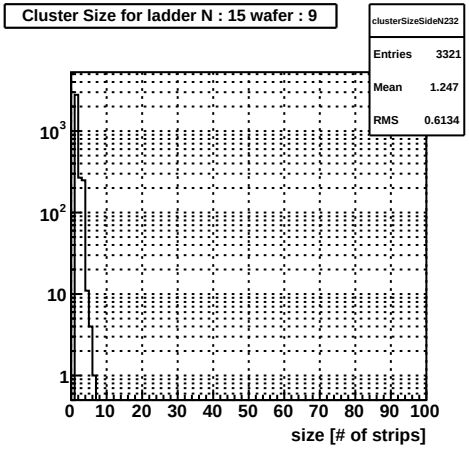

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 2722
Mean 1.111
RMS 0.441
size [# of strips]

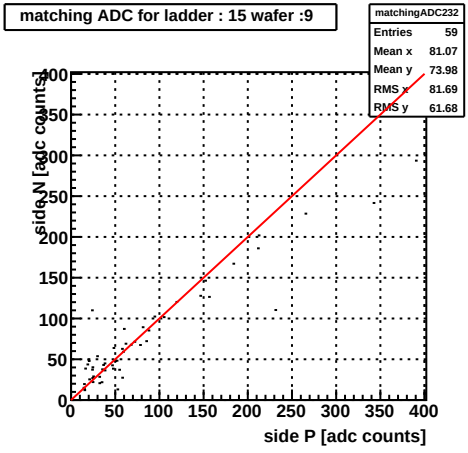

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 642
Mean x 54.38
Mean y 55.95
RMS x 60.09
RMS y 60.38
side N [adc counts]
side P [adc counts]

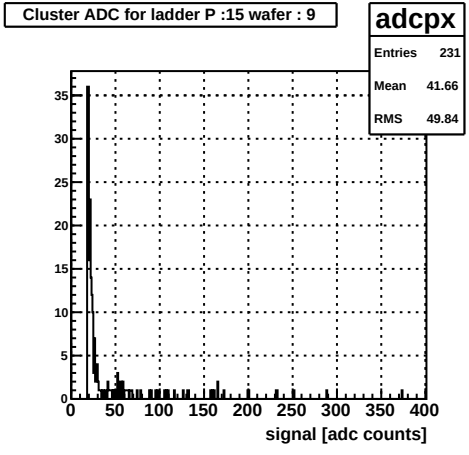

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 22302
Mean 23.61
RMS 14.33
signal [adc counts]

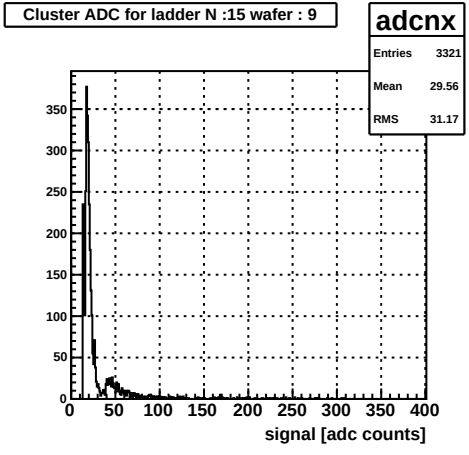

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 2722
Mean 33.94
RMS 37.53
signal [adc counts]

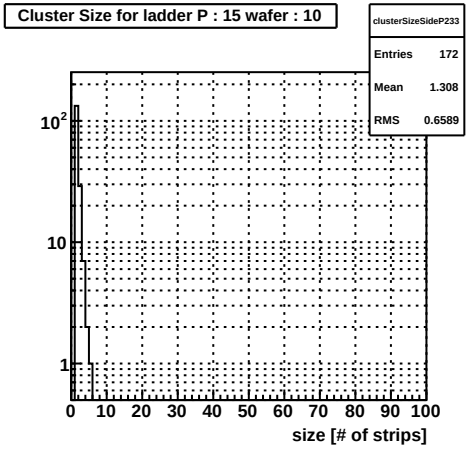

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 231
Mean 1.156
RMS 0.5675
size [# of strips]

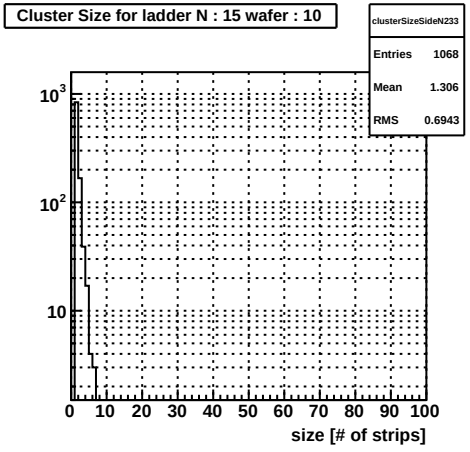

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 3321
Mean 1.247
RMS 0.6134
size [# of strips]

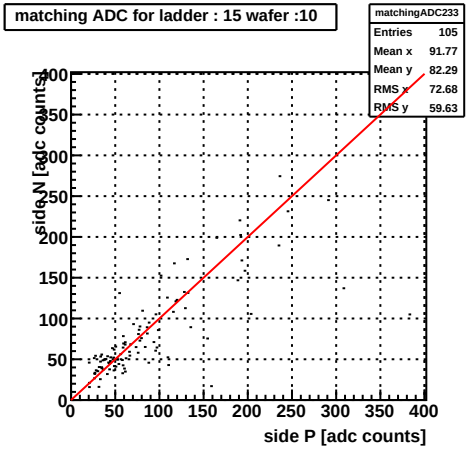

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 59
Mean x 81.07
Mean y 73.98
RMS x 81.69
RMS y 61.68
side N [adc counts]
side P [adc counts]

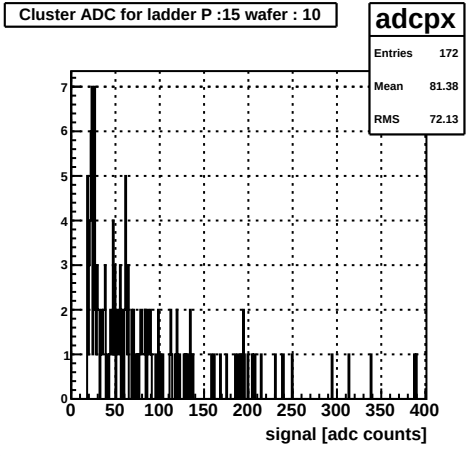

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 231
Mean 41.66
RMS 49.84
signal [adc counts]

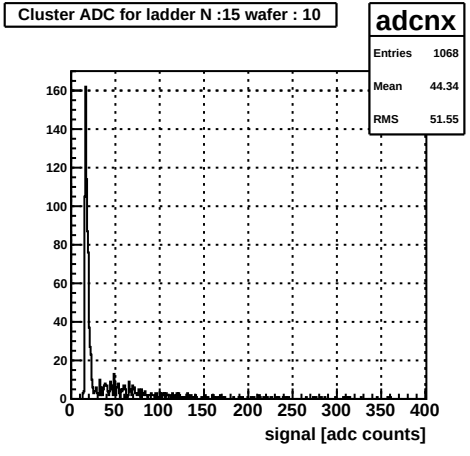

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 3321
Mean 29.56
RMS 31.17
signal [adc counts]

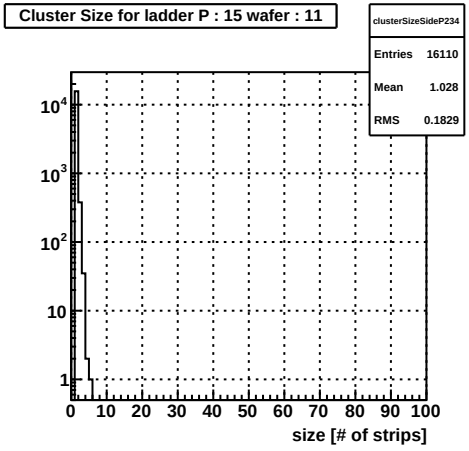

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 172
Mean 1.308
RMS 0.6589
size [# of strips]

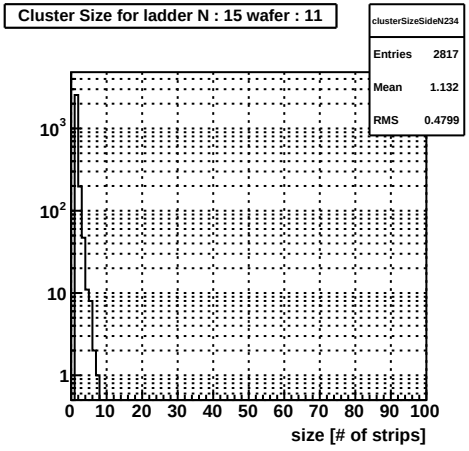

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 1068
Mean 1.306
RMS 0.6943
size [# of strips]

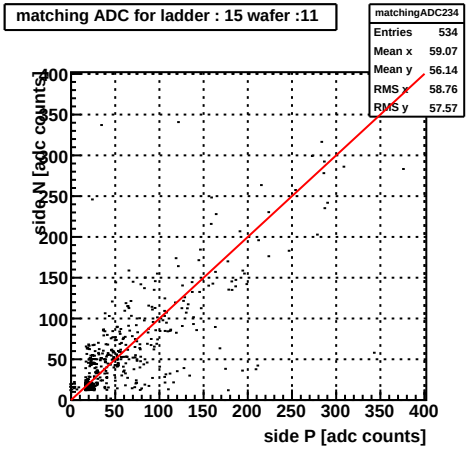

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 105
Mean x 91.77
Mean y 82.29
RMS x 72.68
RMS y 59.63
side N [adc counts]
side P [adc counts]

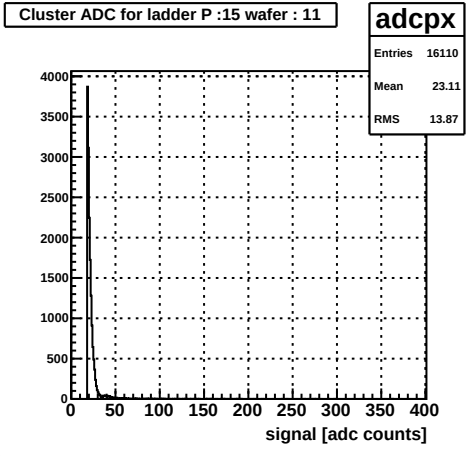

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 172
Mean 81.38
RMS 72.13
signal [adc counts]

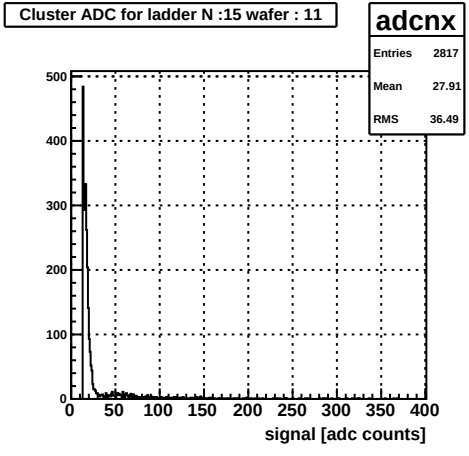

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 1068
Mean 44.34
RMS 51.55
signal [adc counts]

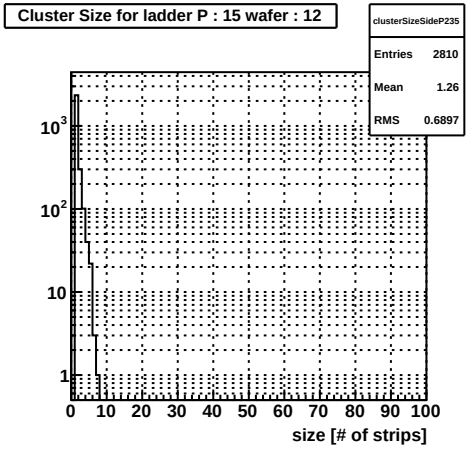

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 16110
Mean 1.028
RMS 0.1829
size [# of strips]

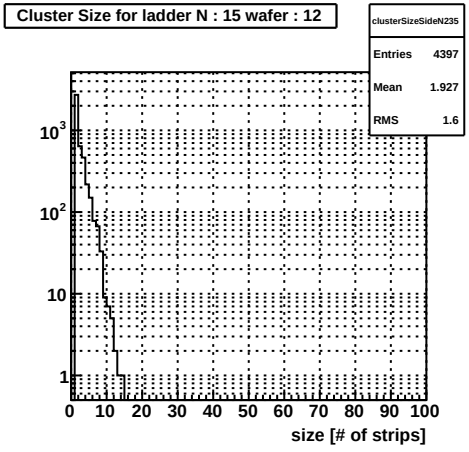

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 2817
Mean 1.132
RMS 0.4799
size [# of strips]

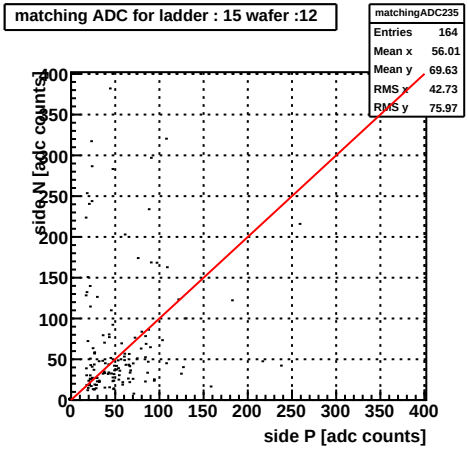

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 534
Mean x 59.07
Mean y 56.14
RMS x 58.76
RMS y 57.57
side N [adc counts]
side P [adc counts]

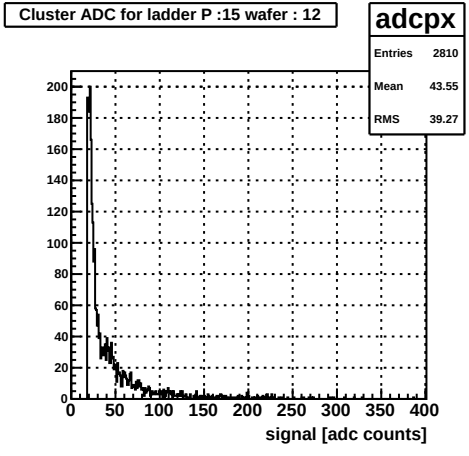

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 16110
Mean 23.11
RMS 13.87
signal [adc counts]

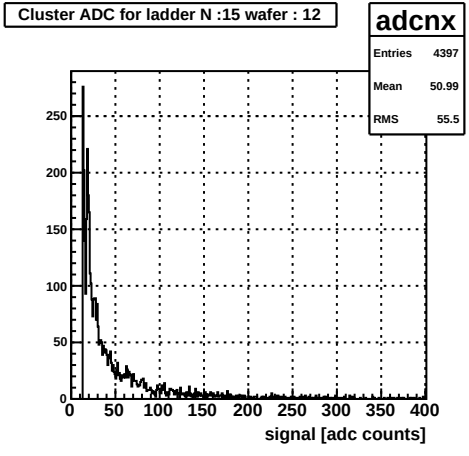

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 2817
Mean 27.91
RMS 36.49
signal [adc counts]

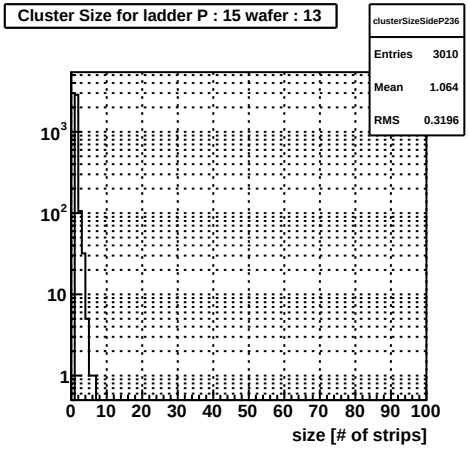

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 2810
Mean 1.26
RMS 0.6897
size [# of strips]

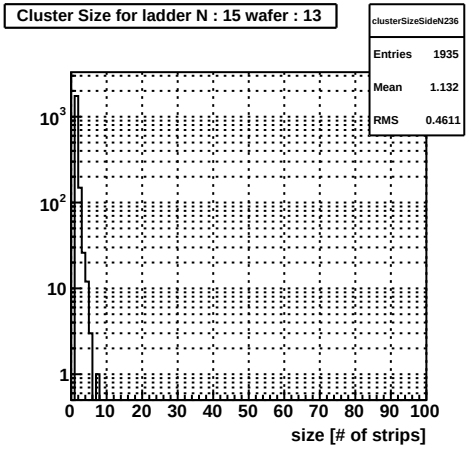

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 4397
Mean 1.927
RMS 1.6
size [# of strips]

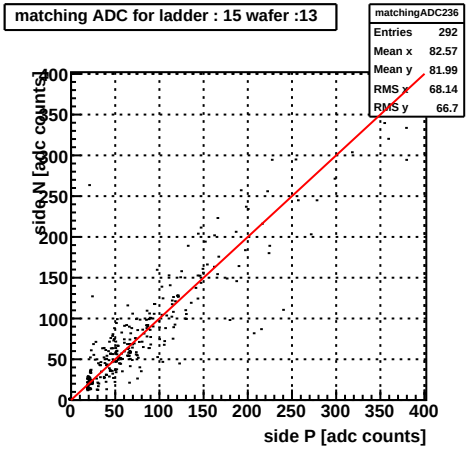

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 164
Mean x 56.01
Mean y 69.63
RMS x 42.73
RMS y 75.97
side N [adc counts]
side P [adc counts]

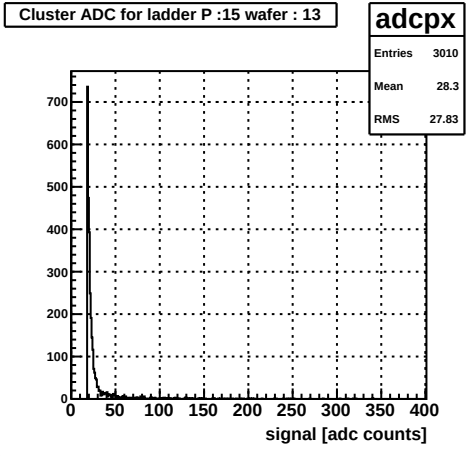

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 2810
Mean 43.55
RMS 39.27
signal [adc counts]

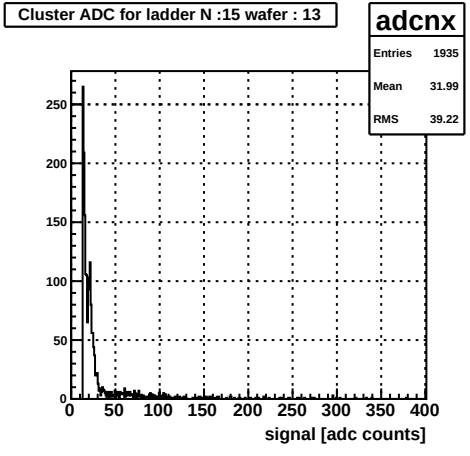

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 4397
Mean 50.99
RMS 55.5
signal [adc counts]

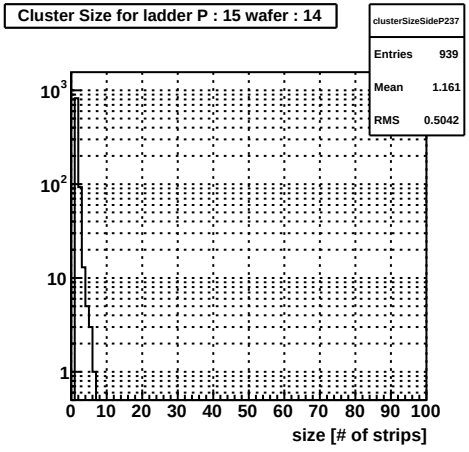

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 3010
Mean 1.064
RMS 0.3196
size [# of strips]

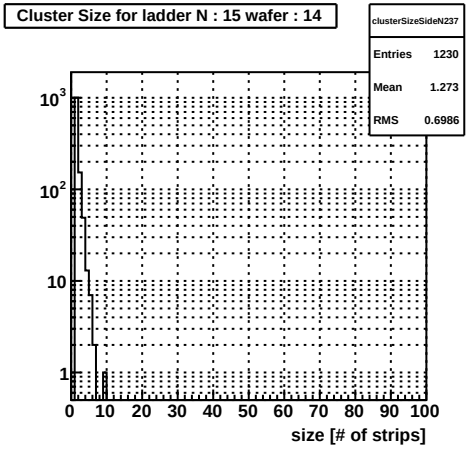

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 1935
Mean 1.132
RMS 0.4611
size [# of strips]

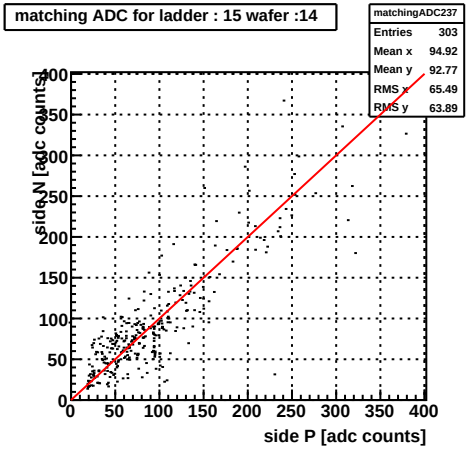

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 292
Mean x 82.57
Mean y 81.99
RMS x 68.14
RMS y 66.7
side N [adc counts]
side P [adc counts]

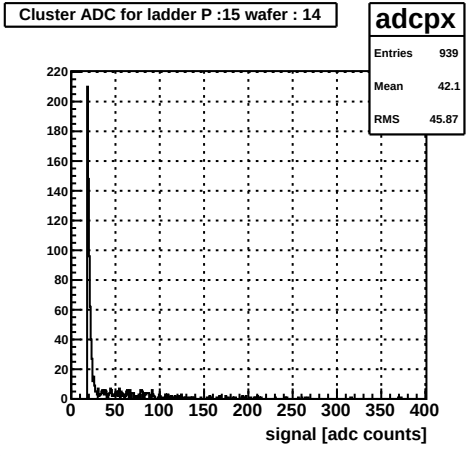

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 3010
Mean 28.3
RMS 27.83
signal [adc counts]

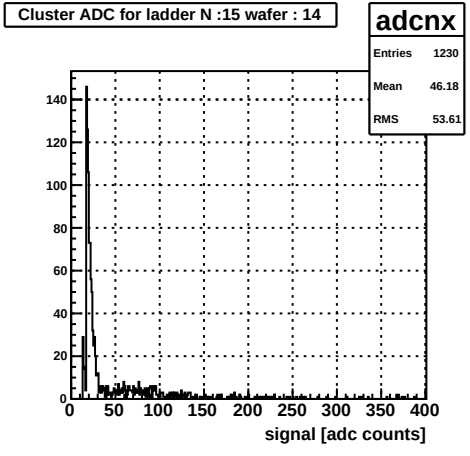

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 1935
Mean 31.99
RMS 39.22
signal [adc counts]

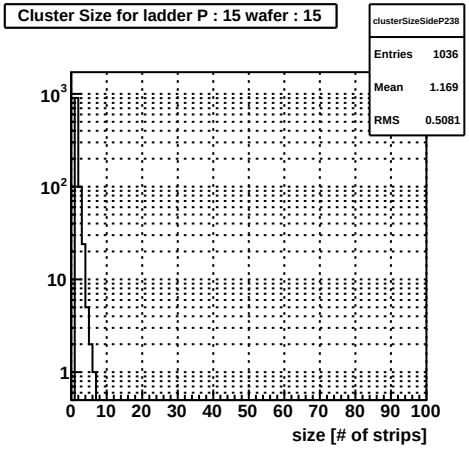

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 939
Mean 1.161
RMS 0.5042
size [# of strips]

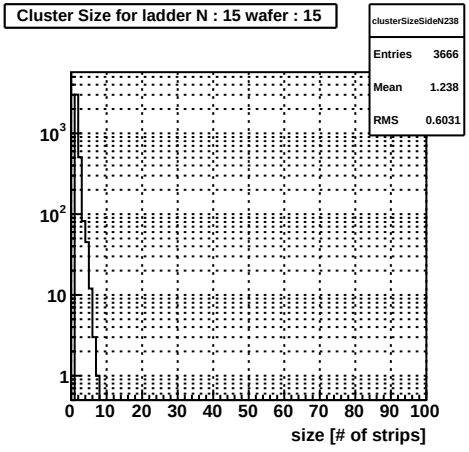

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 1230
Mean 1.273
RMS 0.6986
size [# of strips]

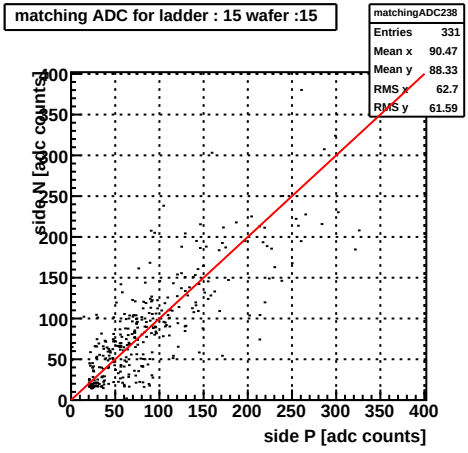

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 303
Mean x 94.92
Mean y 92.77
RMS x 65.49
RMS y 63.89
side N [adc counts]
side P [adc counts]

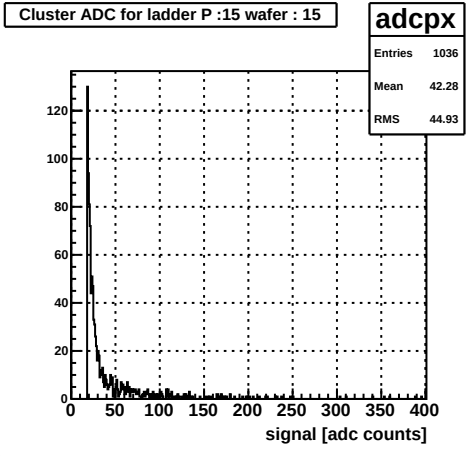

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 939
Mean 42.1
RMS 45.87
signal [adc counts]

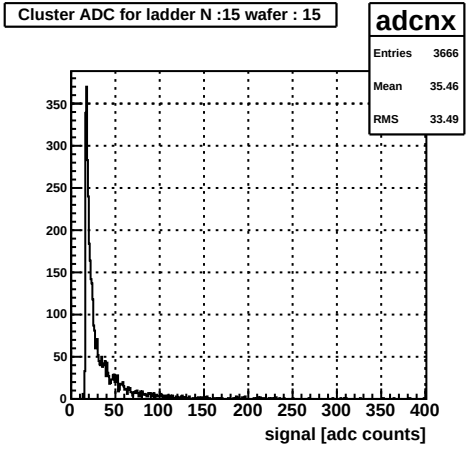

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 1230
Mean 46.18
RMS 53.61
signal [adc counts]

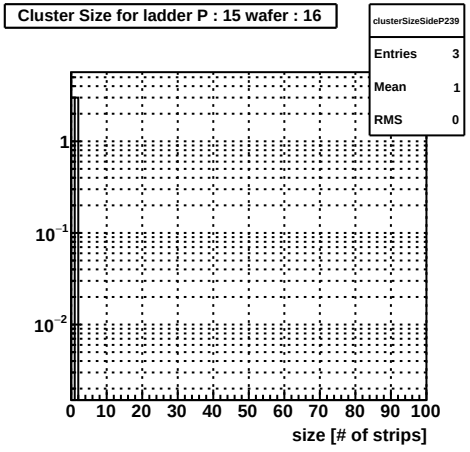

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 1036
Mean 1.169
RMS 0.5081
size [# of strips]

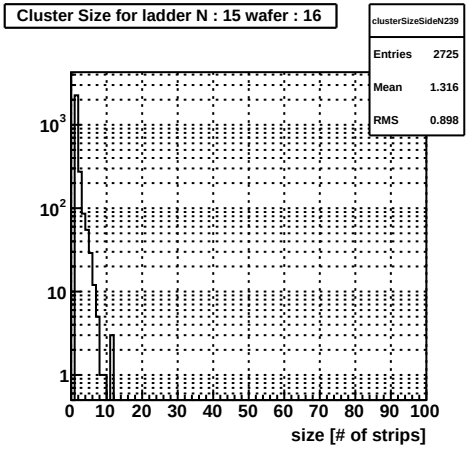

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 3666
Mean 1.238
RMS 0.6031
size [# of strips]

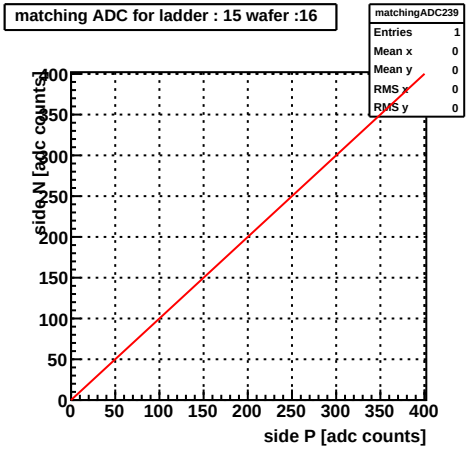

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 331
Mean x 90.47
Mean y 88.33
RMS x 62.7
RMS y 61.59
side N [adc counts]
side P [adc counts]

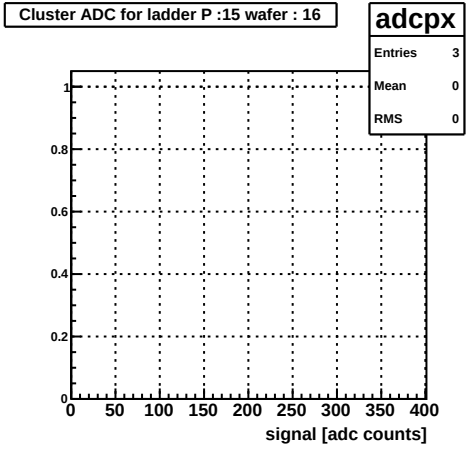

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 1036
Mean 42.28
RMS 44.93
signal [adc counts]

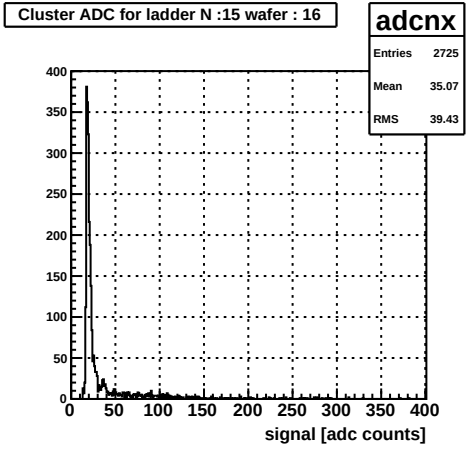

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 3666
Mean 35.46
RMS 33.49
signal [adc counts]

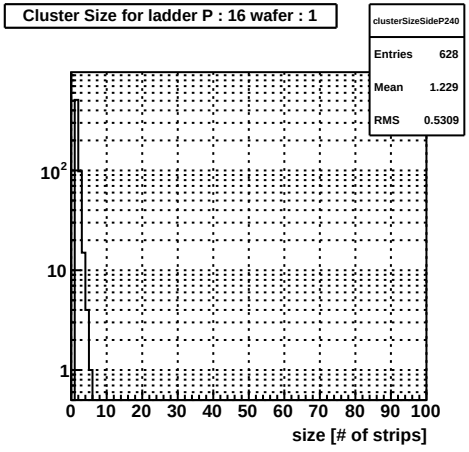

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 3
Mean 1
RMS 0
size [# of strips]

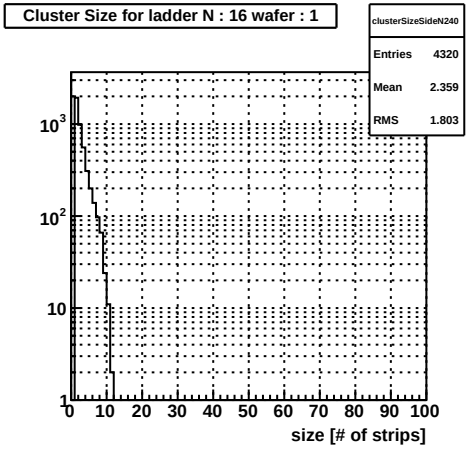

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 2725
Mean 1.316
RMS 0.898
size [# of strips]

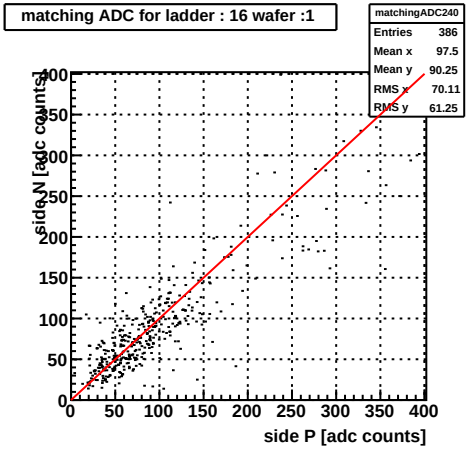

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

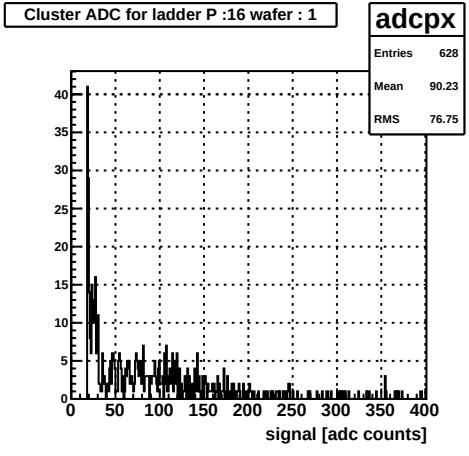

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

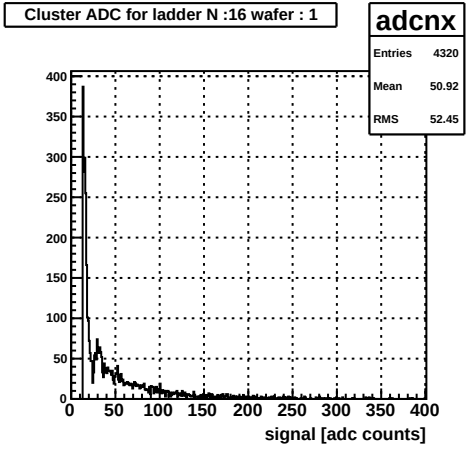

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 2725
Mean 35.07
RMS 39.43
signal [adc counts]

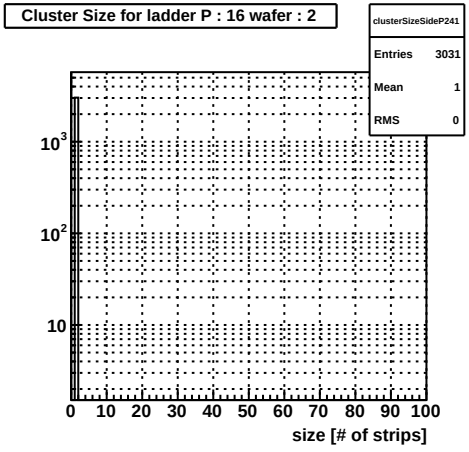

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 628
Mean 1.229
RMS 0.5309
size [# of strips]

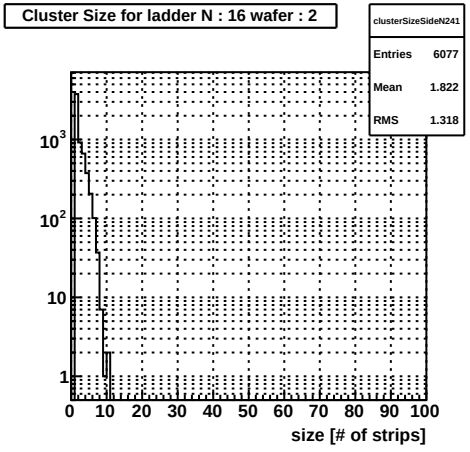

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 4320
Mean 2.359
RMS 1.803
size [# of strips]

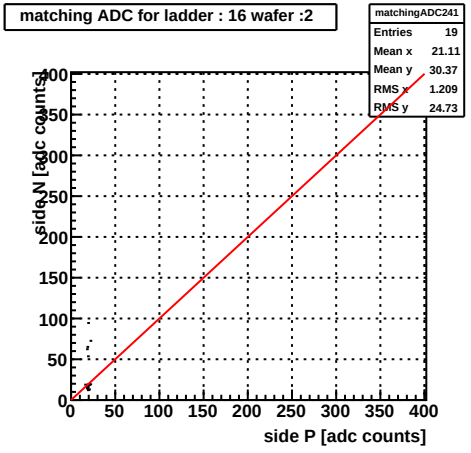

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 386
Mean x 97.5
Mean y 90.25
RMS x 70.11
RMS y 61.25
side N [adc counts]
side P [adc counts]

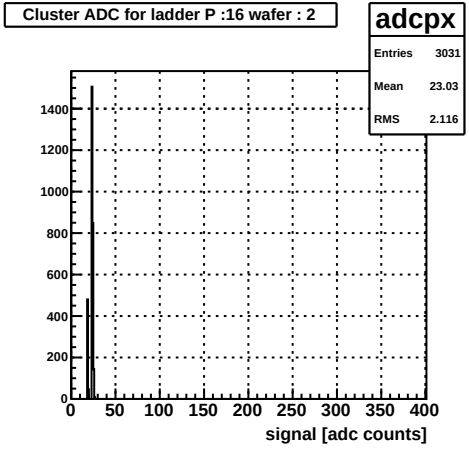

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 628
Mean 90.23
RMS 76.75
signal [adc counts]

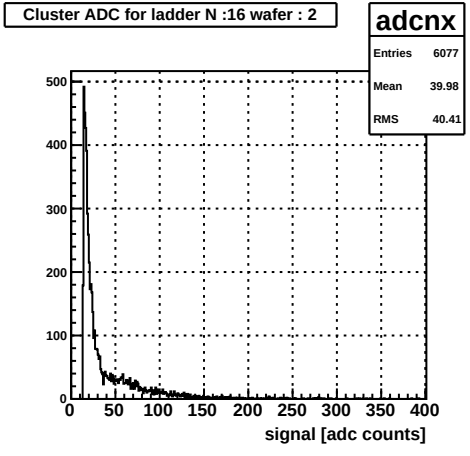

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 4320
Mean 50.92
RMS 52.45
signal [adc counts]

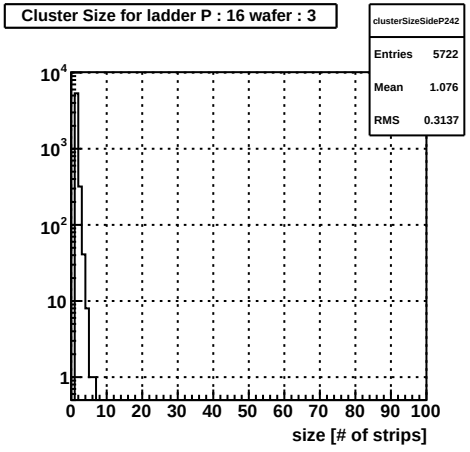

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 3031
Mean 1
RMS 0
size [# of strips]

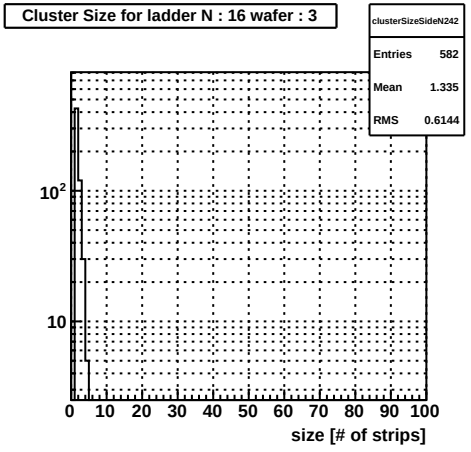

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 6077
Mean 1.822
RMS 1.318
size [# of strips]

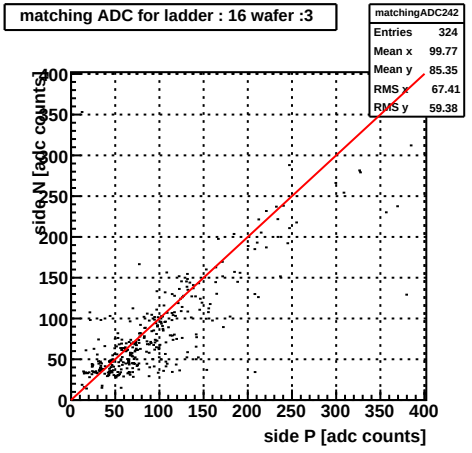

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 19
Mean x 21.11
Mean y 30.37
RMS x 1.209
RMS y 24.73
side N [adc counts]
side P [adc counts]

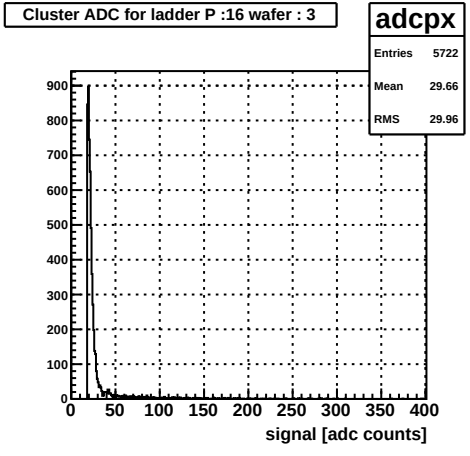

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 3031
Mean 23.03
RMS 2.116
signal [adc counts]

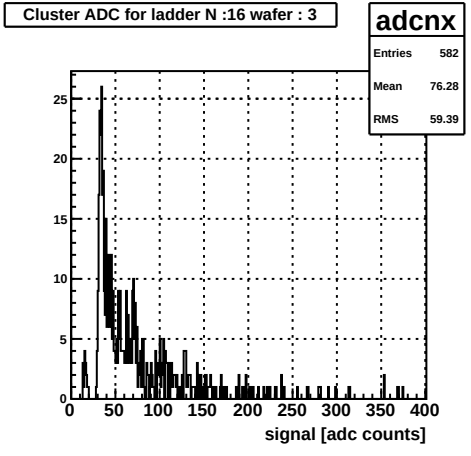

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 6077
Mean 39.98
RMS 40.41
signal [adc counts]

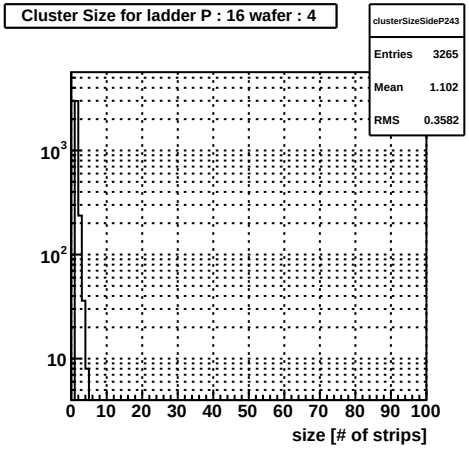

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 5722
Mean 1.076
RMS 0.3137
size [# of strips]

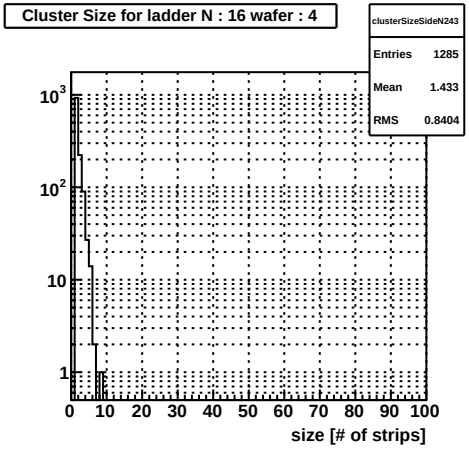

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 582
Mean 1.335
RMS 0.6144
size [# of strips]

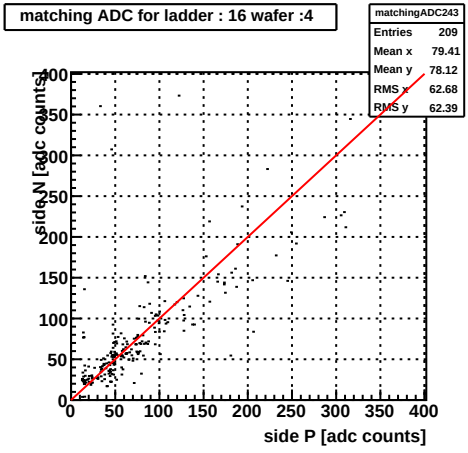

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 324
Mean x 99.77
Mean y 85.35
RMS x 67.41
RMS y 59.38
side N [adc counts]
side P [adc counts]

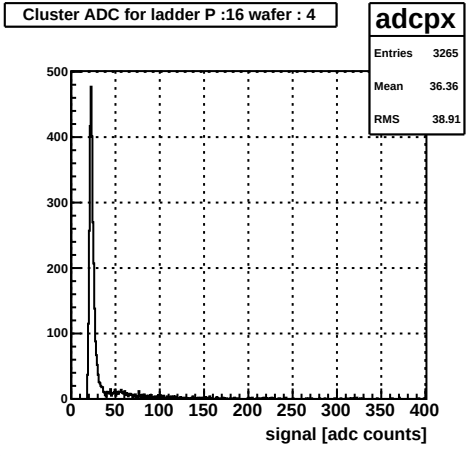

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 5722
Mean 29.66
RMS 29.96
signal [adc counts]

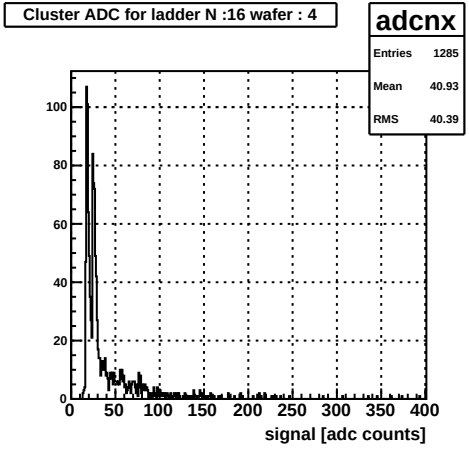

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 582
Mean 76.28
RMS 59.39
signal [adc counts]

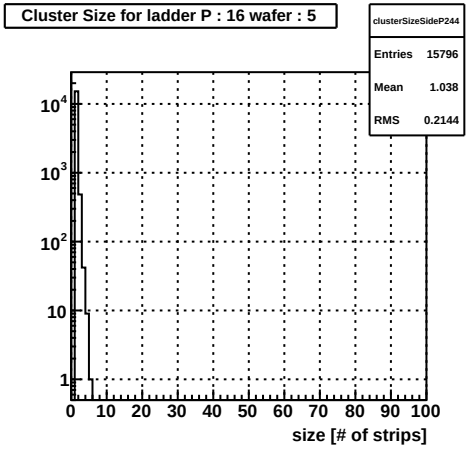

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 3265
Mean 1.102
RMS 0.3582
size [# of strips]

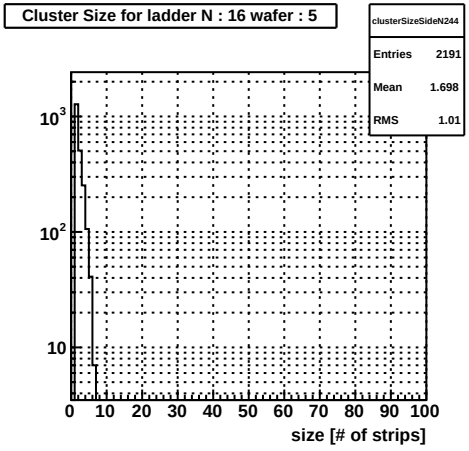

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 1285
Mean 1.433
RMS 0.8404
size [# of strips]

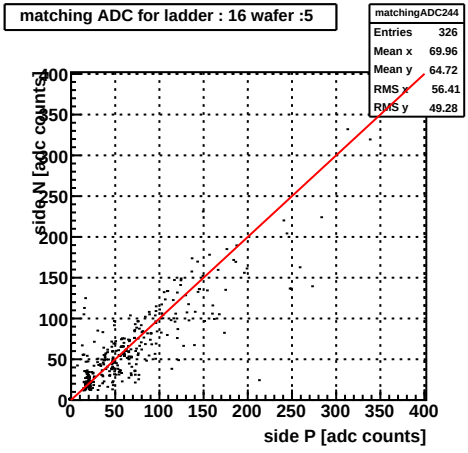

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 209
Mean x 79.41
Mean y 78.12
RMS x 62.68
RMS y 62.39
side N [adc counts]
side P [adc counts]

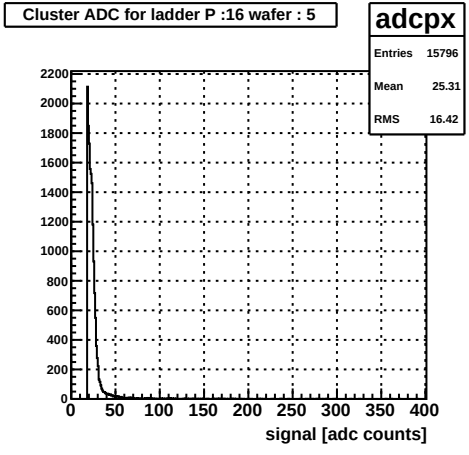

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 3265
Mean 36.36
RMS 38.91
signal [adc counts]

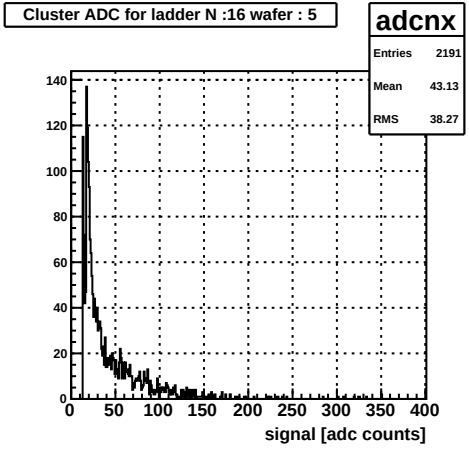

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 1285
Mean 40.93
RMS 40.39
signal [adc counts]

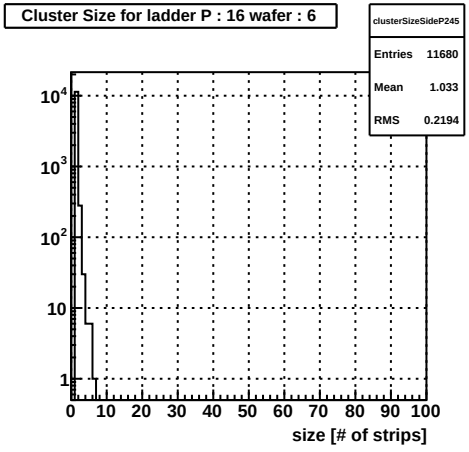

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 15796
Mean 1.038
RMS 0.2144
size [# of strips]

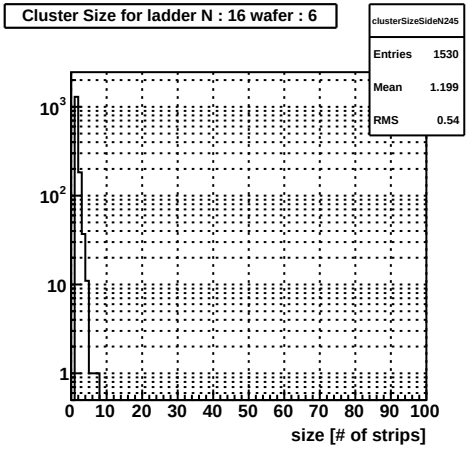

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2191
Mean 1.698
RMS 1.01
size [# of strips]

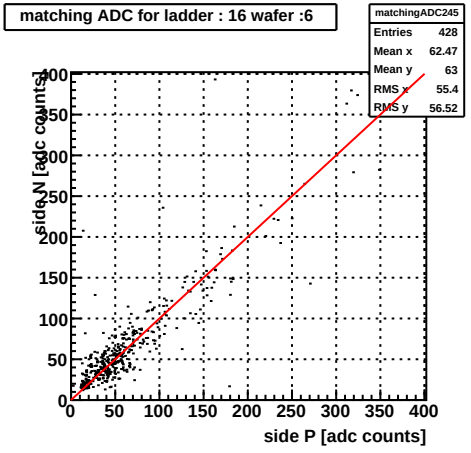

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 326
Mean x 69.96
Mean y 64.72
RMS x 56.41
RMS y 49.28
side N [adc counts]
side P [adc counts]

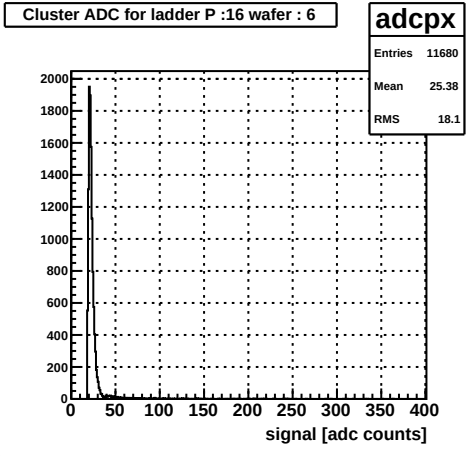

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 15796
Mean 25.31
RMS 16.42
signal [adc counts]

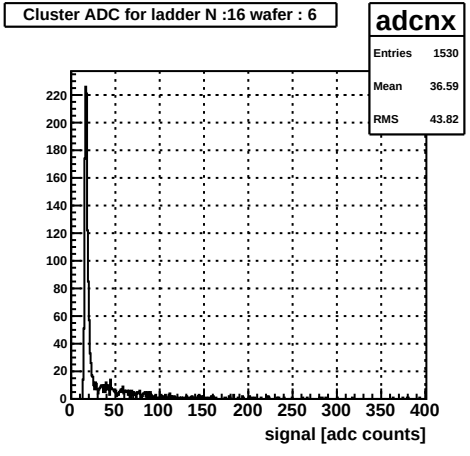

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2191
Mean 43.13
RMS 38.27
signal [adc counts]

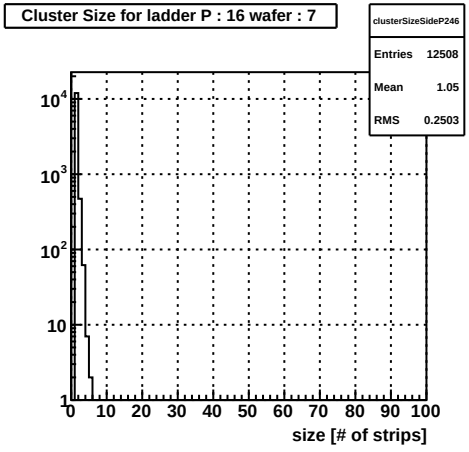

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 11680
Mean 1.033
RMS 0.2194
size [# of strips]

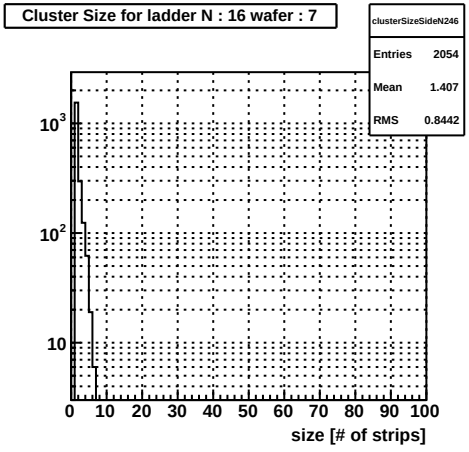

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 1530
Mean 1.199
RMS 0.54
size [# of strips]

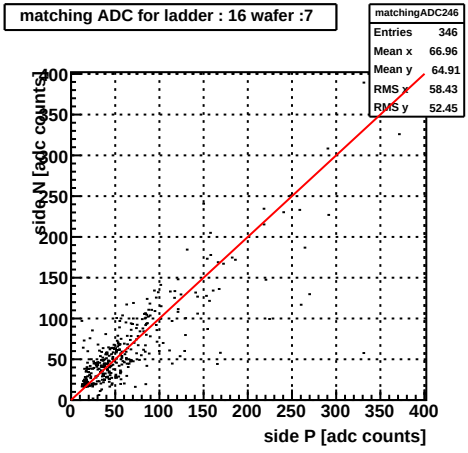

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 428
Mean x 62.47
Mean y 63
RMS x 55.4
RMS y 56.52
side N [adc counts]
side P [adc counts]

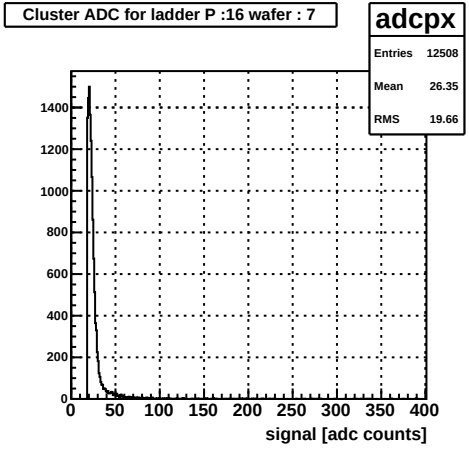

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 11680
Mean 25.38
RMS 18.1
signal [adc counts]

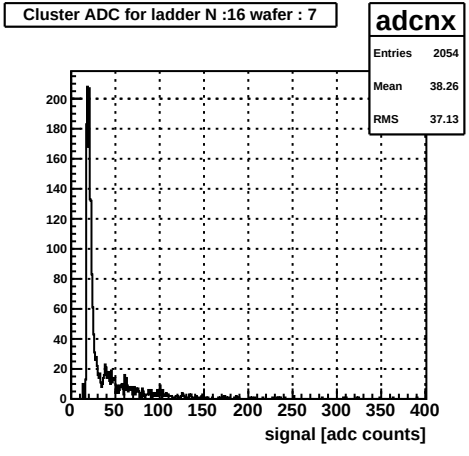

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 1530
Mean 36.59
RMS 43.82
signal [adc counts]

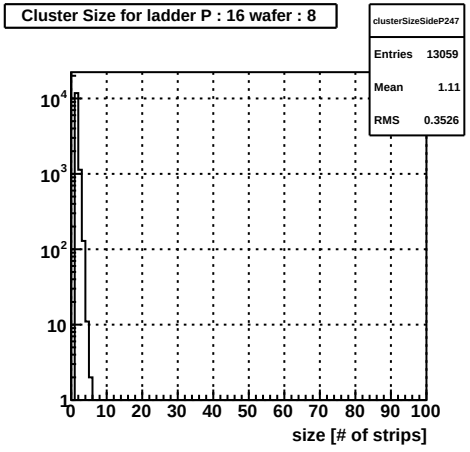

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 12508
Mean 1.05
RMS 0.2503
size [# of strips]

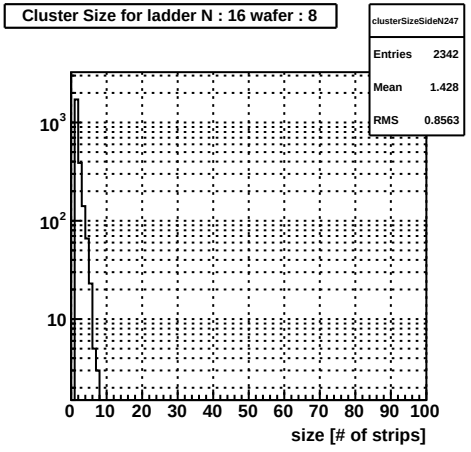

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 2054
Mean 1.407
RMS 0.8442
size [# of strips]

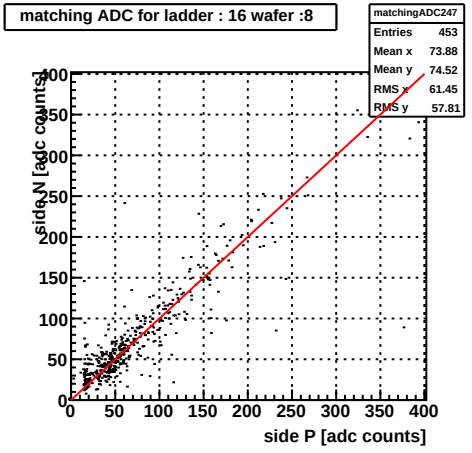

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 346
Mean x 66.96
Mean y 64.91
RMS x 58.43
RMS y 52.45
side N [adc counts]
side P [adc counts]

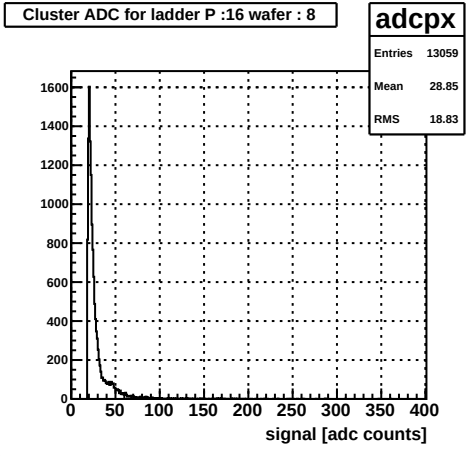

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 12508
Mean 26.35
RMS 19.66
signal [adc counts]

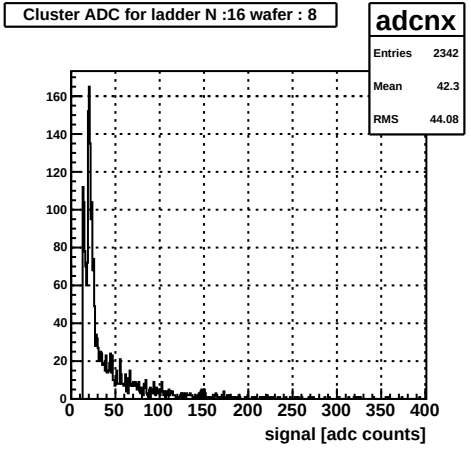

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 2054
Mean 38.26
RMS 37.13
signal [adc counts]

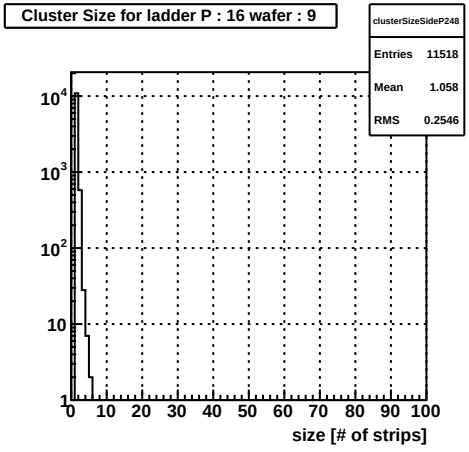

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 13059
Mean 1.11
RMS 0.3526
size [# of strips]

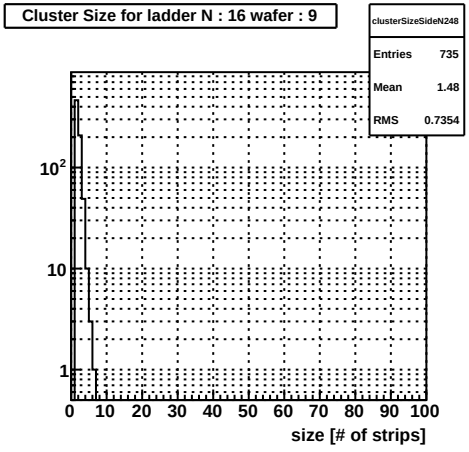

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 2342
Mean 1.428
RMS 0.8563
size [# of strips]

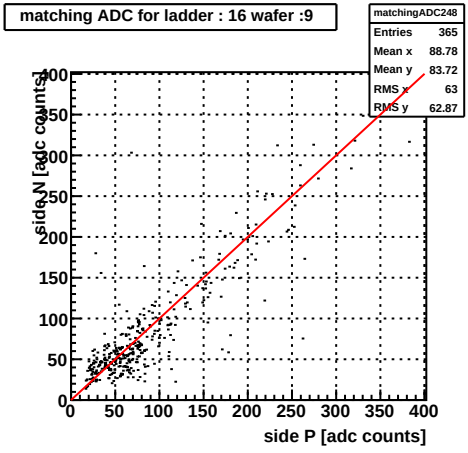

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 453
Mean x 73.88
Mean y 74.52
RMS x 61.45
RMS y 57.81
side N [adc counts]
side P [adc counts]

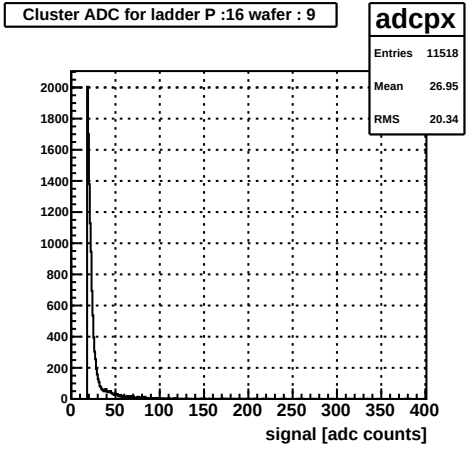

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 13059
Mean 28.85
RMS 18.83
signal [adc counts]

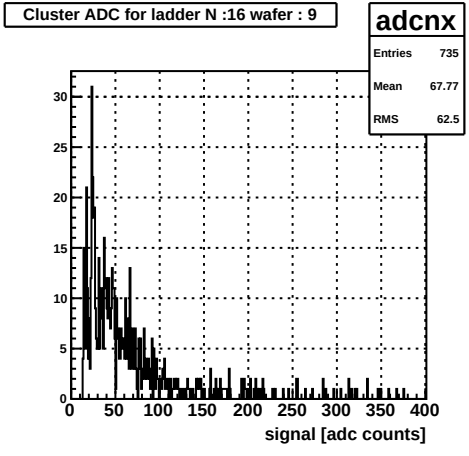

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 2342
Mean 42.3
RMS 44.08
signal [adc counts]

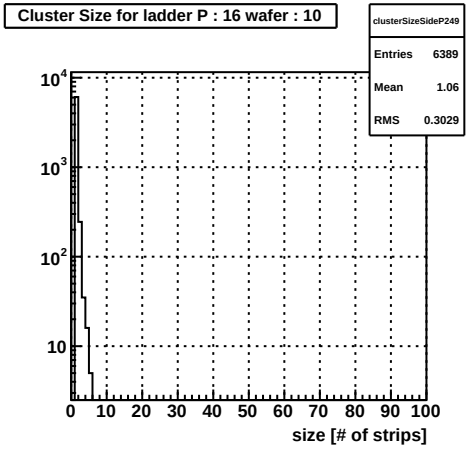

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 11518
Mean 1.058
RMS 0.2546
size [# of strips]

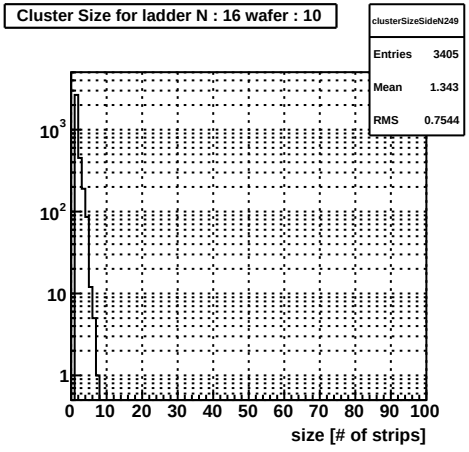

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 735
Mean 1.48
RMS 0.7354
size [# of strips]

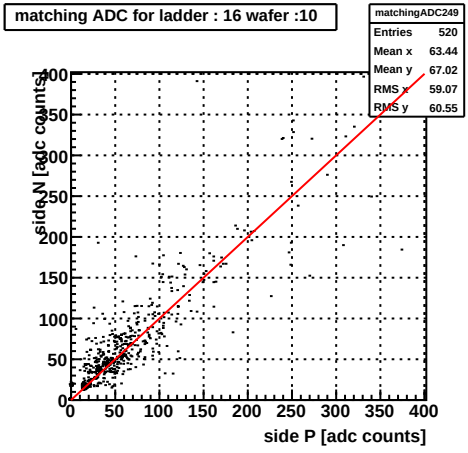

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 365
Mean x 88.78
Mean y 83.72
RMS x 63
RMS y 62.87
side N [adc counts]
side P [adc counts]

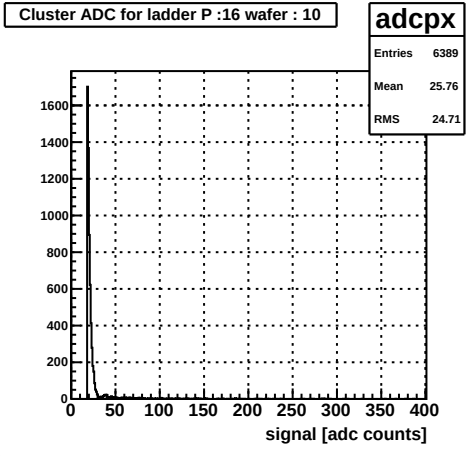

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 11518
Mean 26.95
RMS 20.34
signal [adc counts]

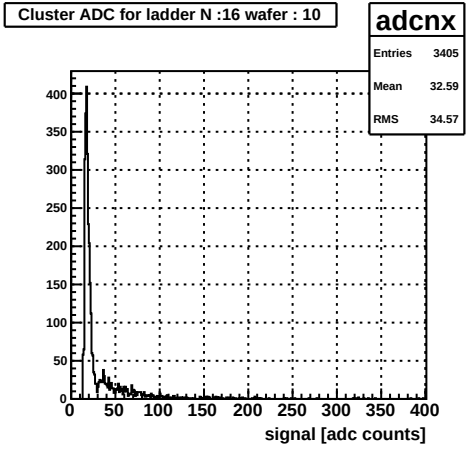

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 735
Mean 67.77
RMS 62.5
signal [adc counts]

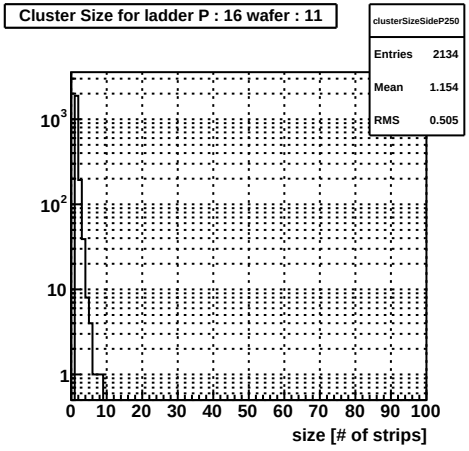

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 6389
Mean 1.06
RMS 0.3029
size [# of strips]

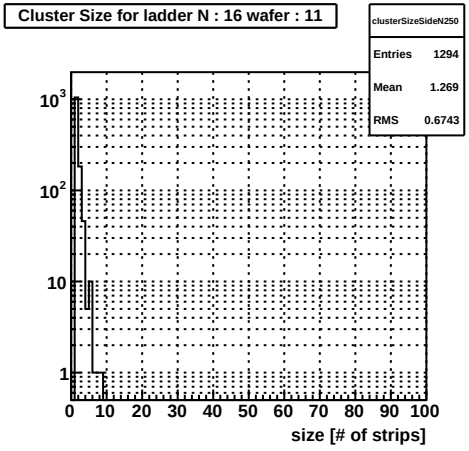

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 3405
Mean 1.343
RMS 0.7544
size [# of strips]

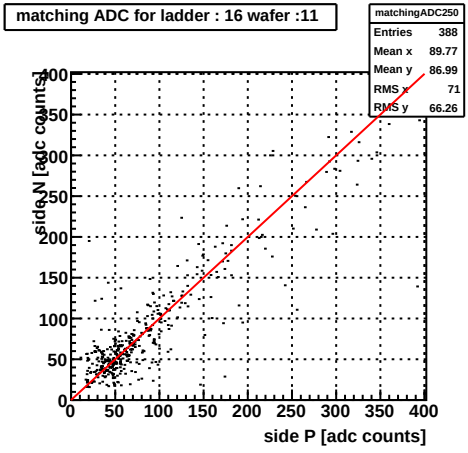

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 520
Mean x 63.44
Mean y 67.02
RMS x 59.07
RMS y 60.55
side N [adc counts]
side P [adc counts]

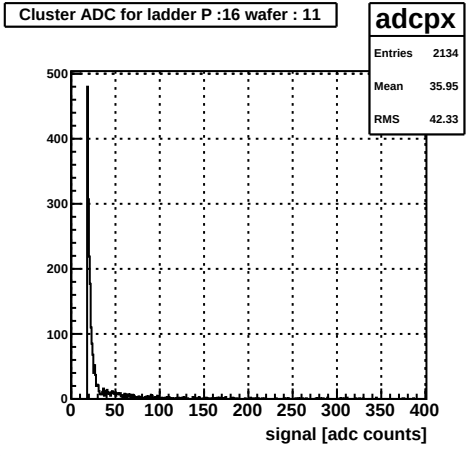

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 6389
Mean 25.76
RMS 24.71
signal [adc counts]

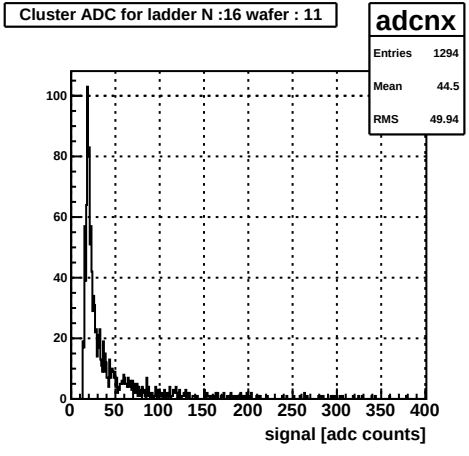

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 3405
Mean 32.59
RMS 34.57
signal [adc counts]

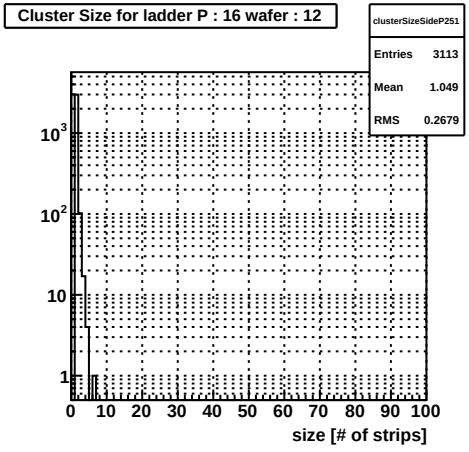

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 2134
Mean 1.154
RMS 0.505
size [# of strips]

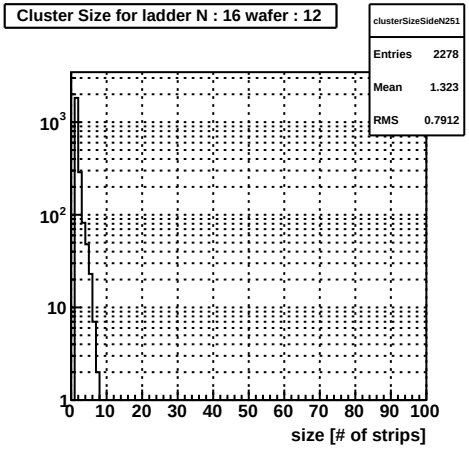

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 1294
Mean 1.269
RMS 0.6743
size [# of strips]

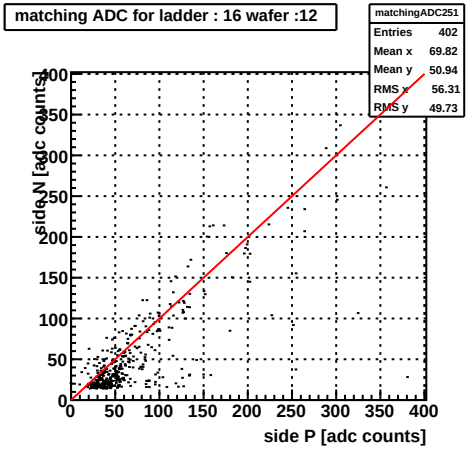

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 388
Mean x 89.77
Mean y 86.99
RMS x 71
RMS y 66.26
side N [adc counts]
side P [adc counts]

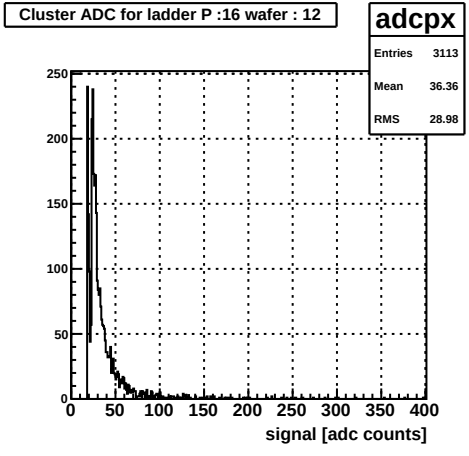

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 2134
Mean 35.95
RMS 42.33
signal [adc counts]

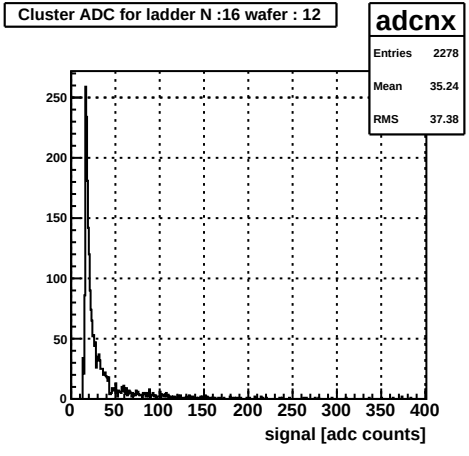

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 1294
Mean 44.5
RMS 49.94
signal [adc counts]

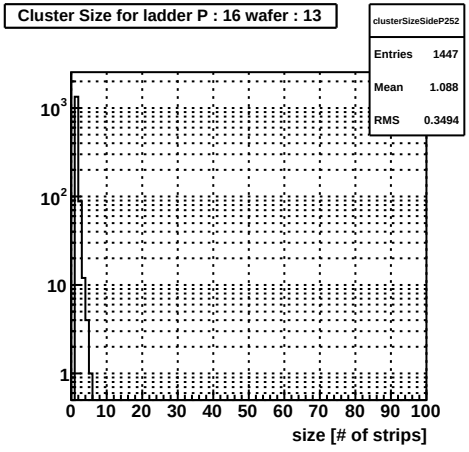

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 3113
Mean 1.049
RMS 0.2679
size [# of strips]

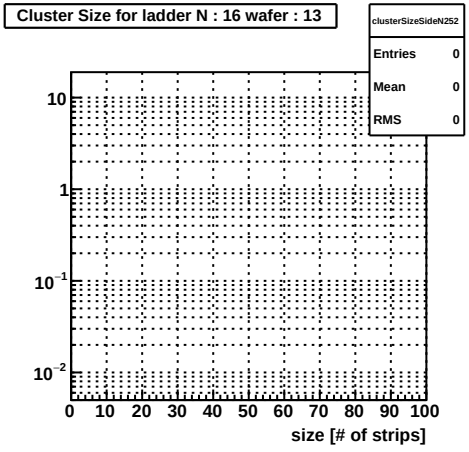

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 2278
Mean 1.323
RMS 0.7912
size [# of strips]

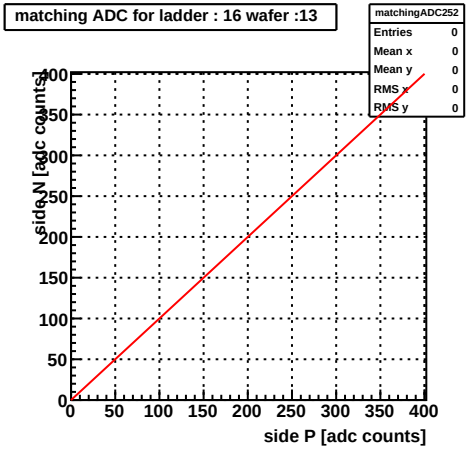

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 402
Mean x 69.82
Mean y 50.94
RMS x 56.31
RMS y 49.73
side N [adc counts]
side P [adc counts]

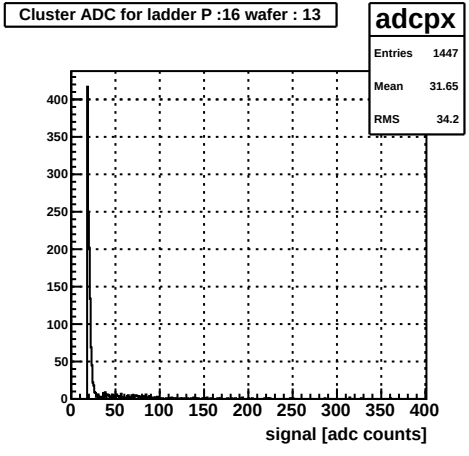

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 3113
Mean 36.36
RMS 28.98
signal [adc counts]

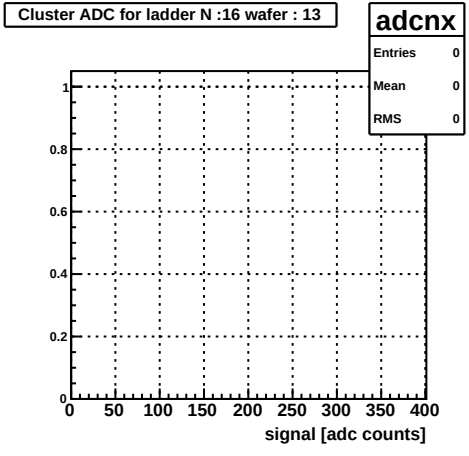

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 2278
Mean 35.24
RMS 37.38
signal [adc counts]

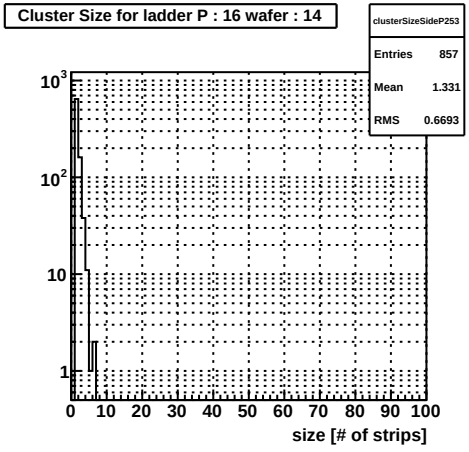

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 1447
Mean 1.088
RMS 0.3494
size [# of strips]

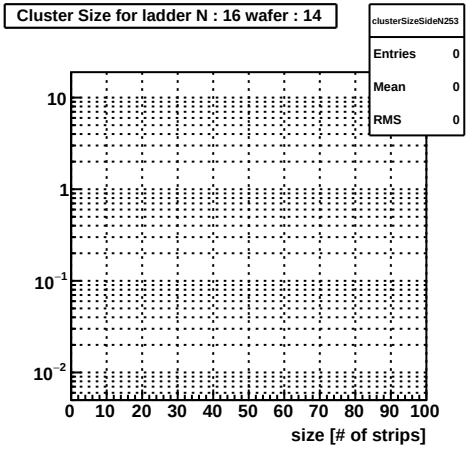

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

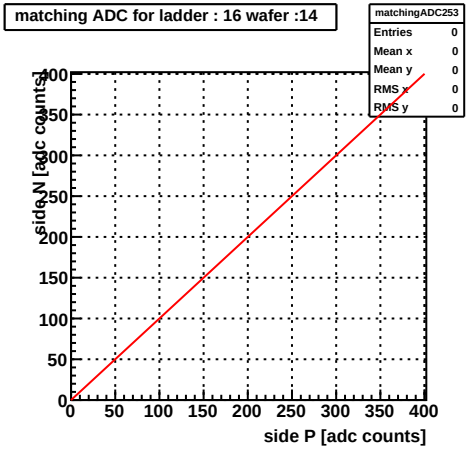

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

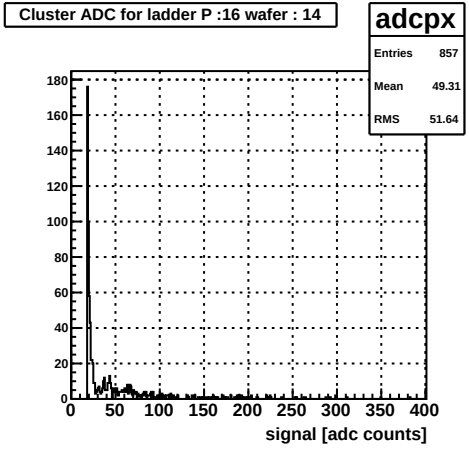

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 1447
Mean 31.65
RMS 34.2
signal [adc counts]

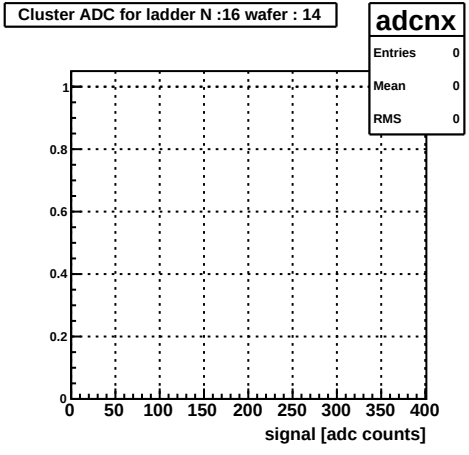

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

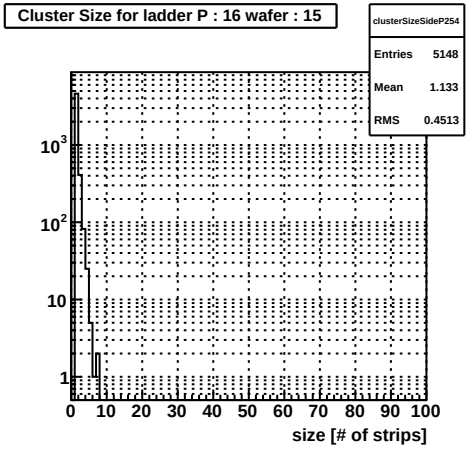

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 857
Mean 1.331
RMS 0.6693
size [# of strips]

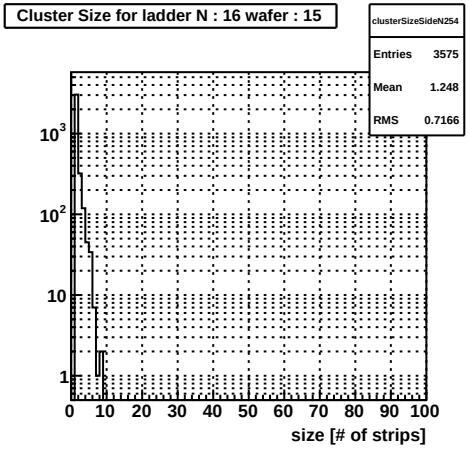

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

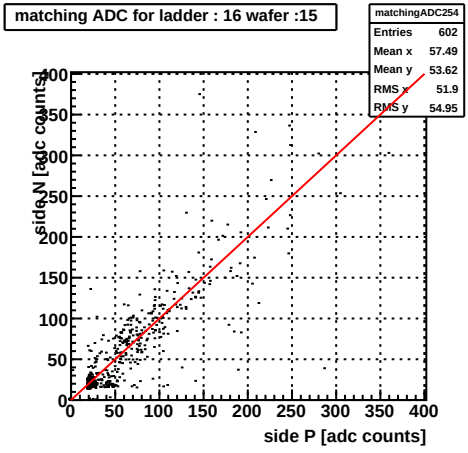

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

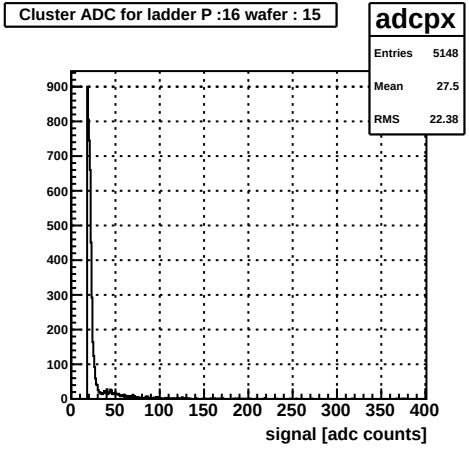

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 857
Mean 49.31
RMS 51.64
signal [adc counts]

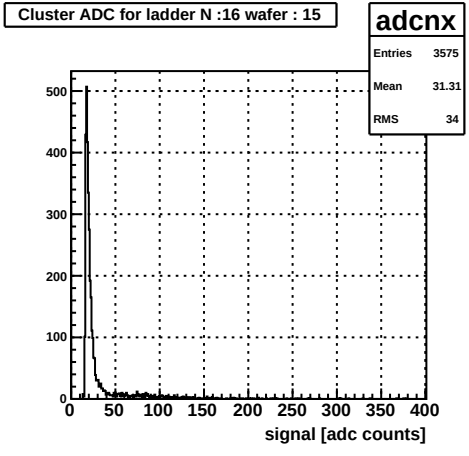

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

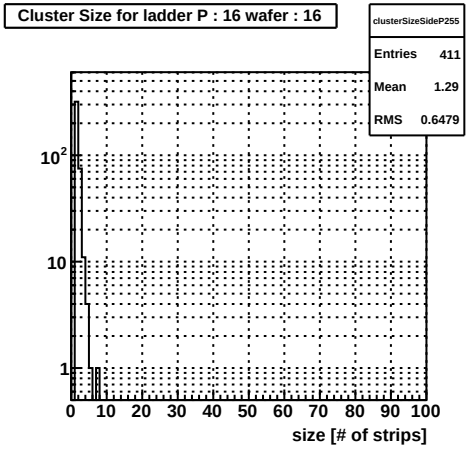

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 5148
Mean 1.133
RMS 0.4513
size [# of strips]

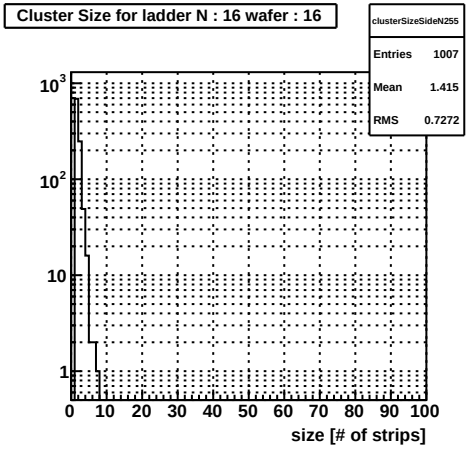

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 3575
Mean 1.248
RMS 0.7166
size [# of strips]

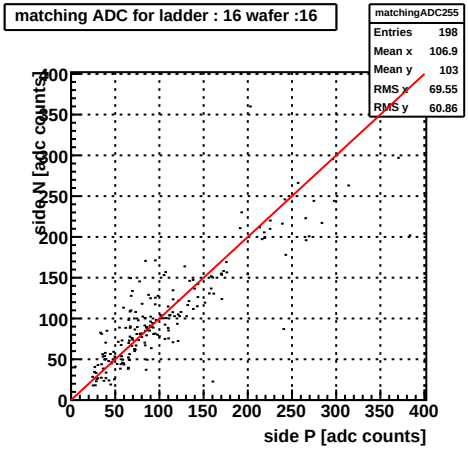

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 602
Mean x 57.49
Mean y 53.62
RMS x 51.9
RMS y 54.95
side N [adc counts]
side P [adc counts]

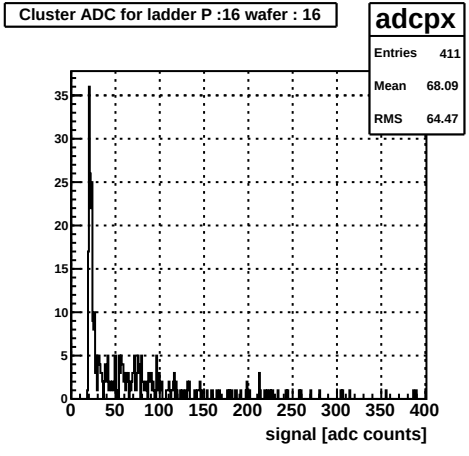

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 5148
Mean 27.5
RMS 22.38
signal [adc counts]

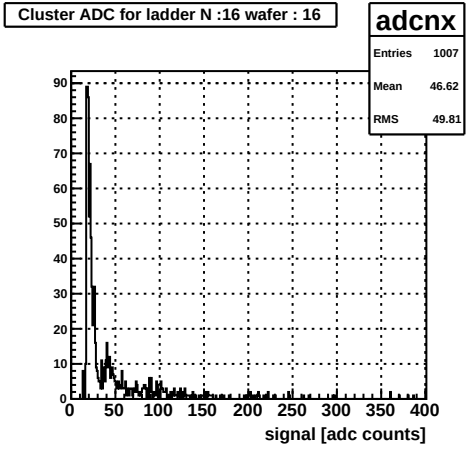

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 3575
Mean 31.31
RMS 34
signal [adc counts]

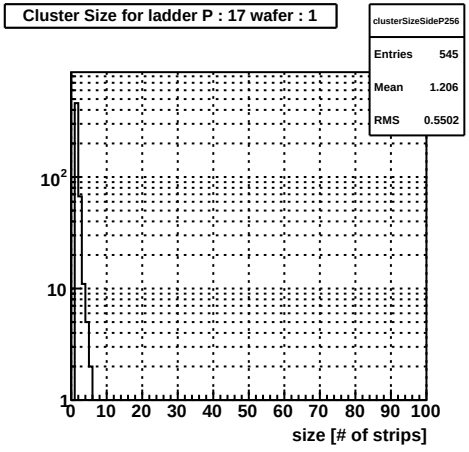

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 411
Mean 1.29
RMS 0.6479
size [# of strips]

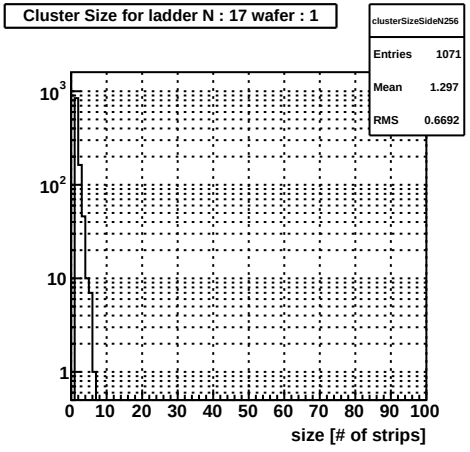

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 1007
Mean 1.415
RMS 0.7272
size [# of strips]

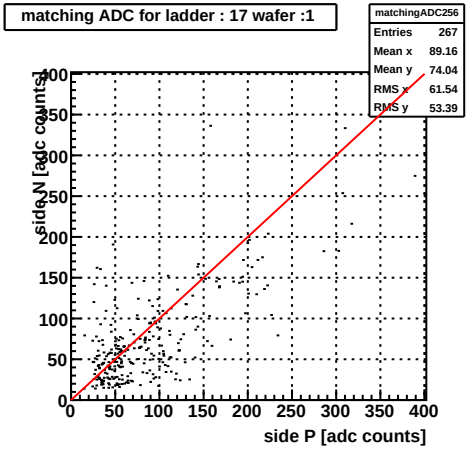

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 198
Mean x 106.9
Mean y 103
RMS x 69.55
RMS y 60.86
side N [adc counts]
side P [adc counts]

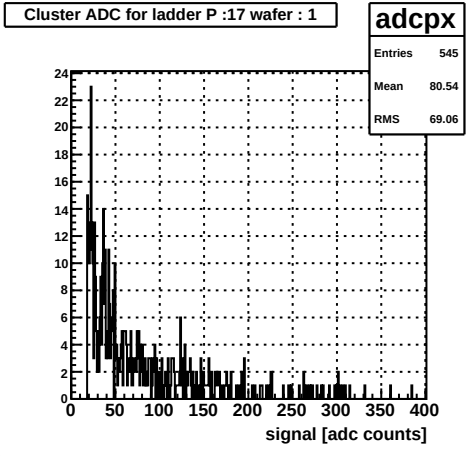

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 411
Mean 68.09
RMS 64.47
signal [adc counts]

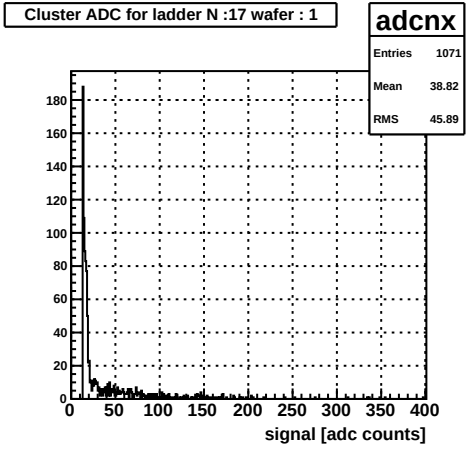

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 1007
Mean 46.62
RMS 49.81
signal [adc counts]

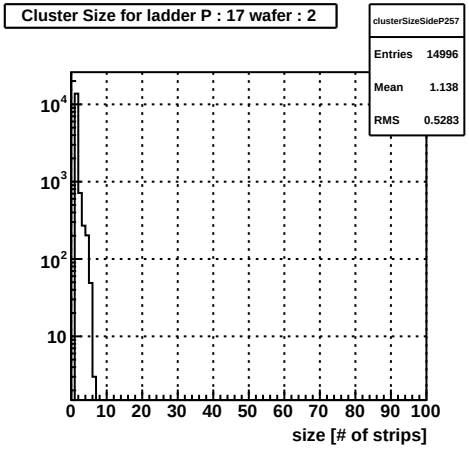

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 545
Mean 1.206
RMS 0.5502
size [# of strips]

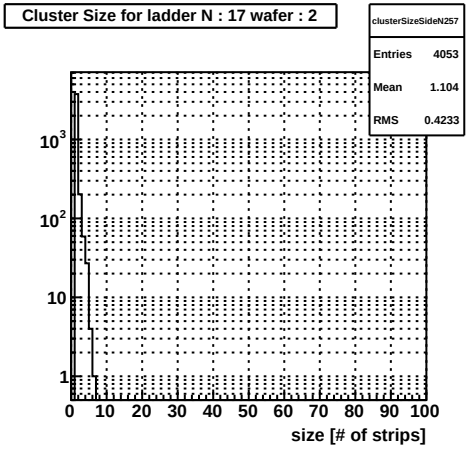

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 1071
Mean 1.297
RMS 0.6692
size [# of strips]

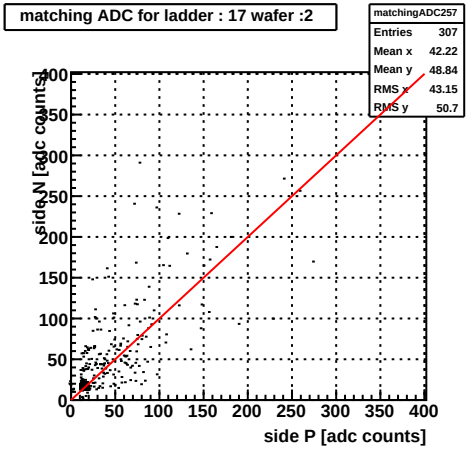

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 267
Mean x 89.16
Mean y 74.04
RMS x 61.54
RMS y 53.39
side N [adc counts]
side P [adc counts]

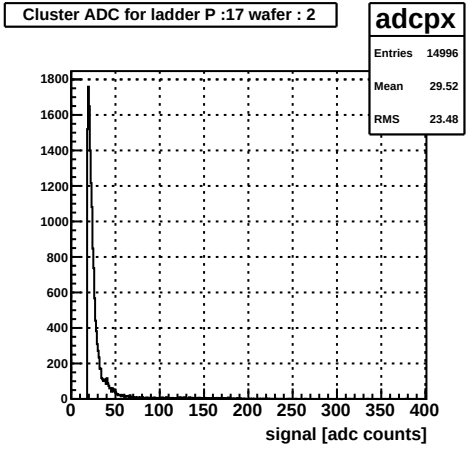

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 545
Mean 80.54
RMS 69.06
signal [adc counts]

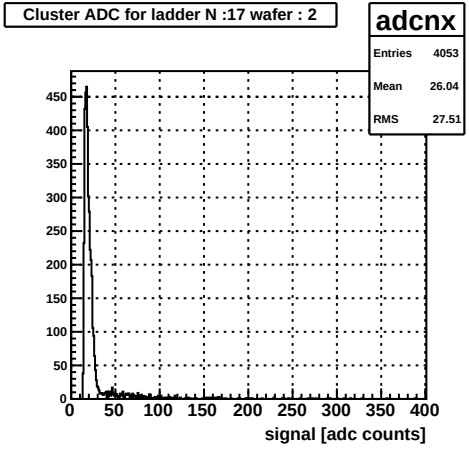

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 1071
Mean 38.82
RMS 45.89
signal [adc counts]

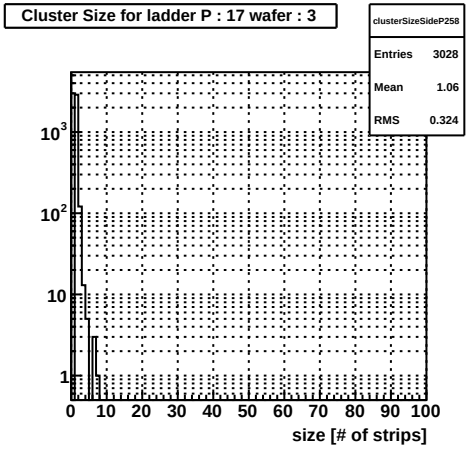

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 14996
Mean 1.138
RMS 0.5283
size [# of strips]

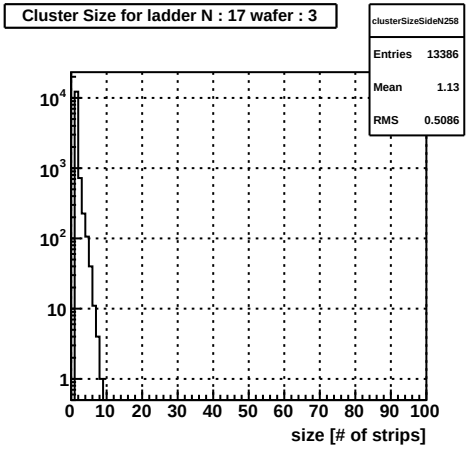

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 4053
Mean 1.104
RMS 0.4233
size [# of strips]

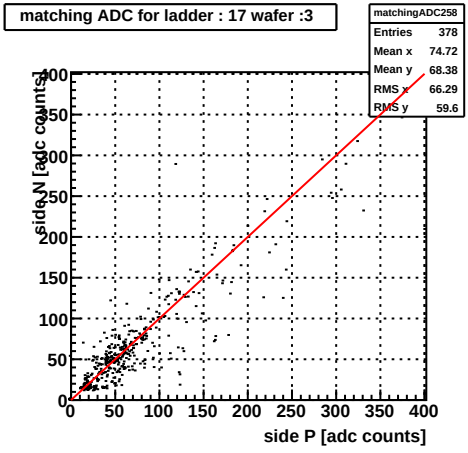

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 307
Mean x 42.22
Mean y 48.84
RMS x 43.15
RMS y 50.7
side N [adc counts]
side P [adc counts]

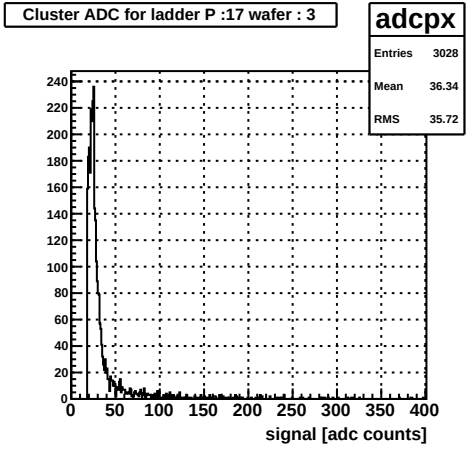

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 14996
Mean 29.52
RMS 23.48
signal [adc counts]

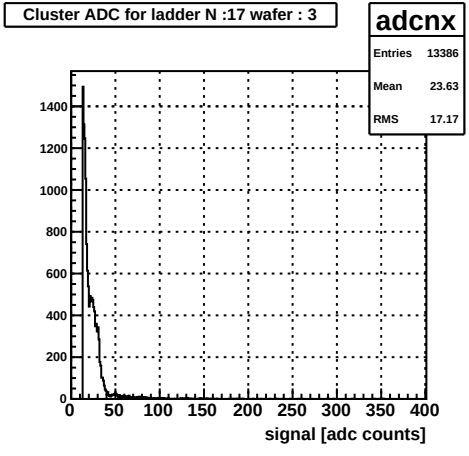

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 4053
Mean 26.04
RMS 27.51
signal [adc counts]

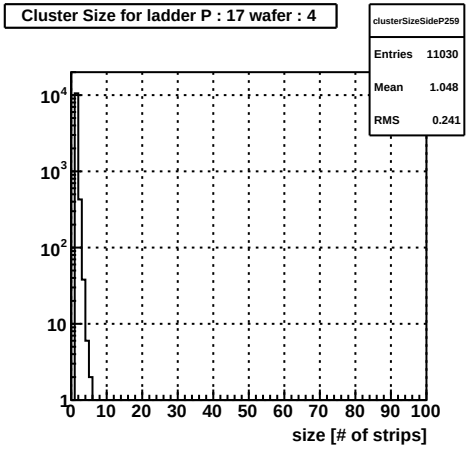

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 3028
Mean 1.06
RMS 0.324
size [# of strips]

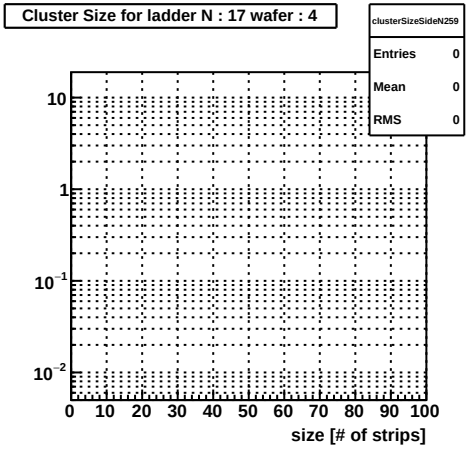

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 13386
Mean 1.13
RMS 0.5086
size [# of strips]

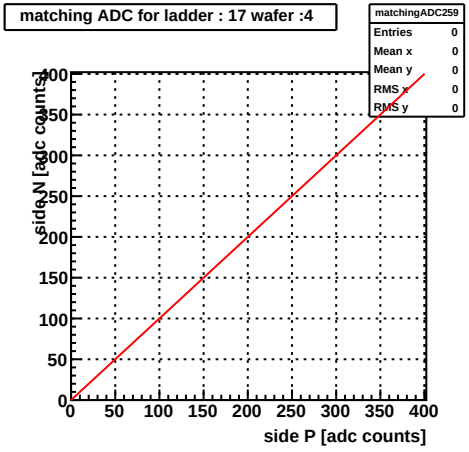

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 378
Mean x 74.72
Mean y 68.38
RMS x 66.29
RMS y 59.6
side N [adc counts]
side P [adc counts]

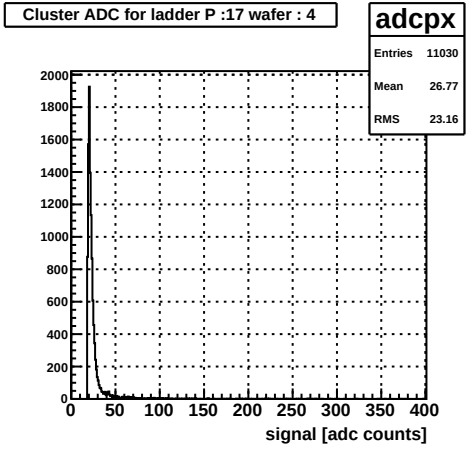

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 3028
Mean 36.34
RMS 35.72
signal [adc counts]

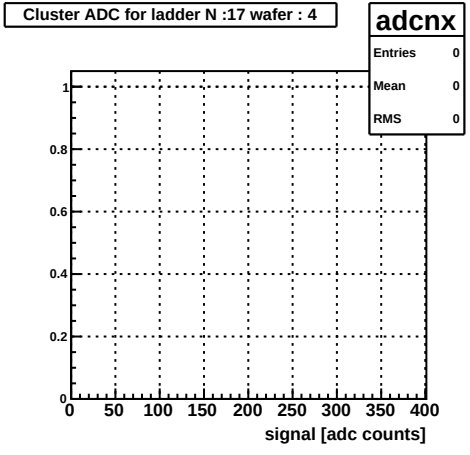

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 13386
Mean 23.63
RMS 17.17
signal [adc counts]

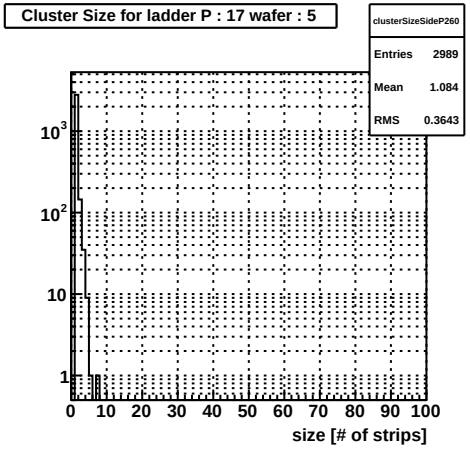

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 11030
Mean 1.048
RMS 0.241
size [# of strips]

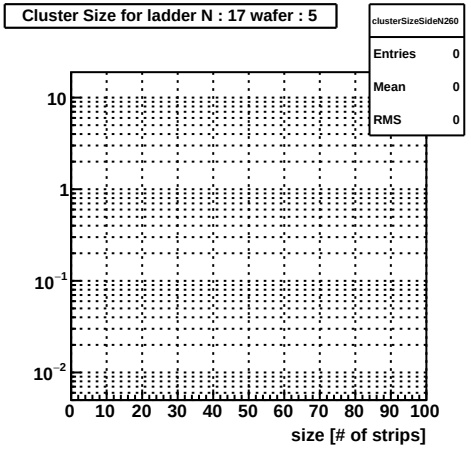

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

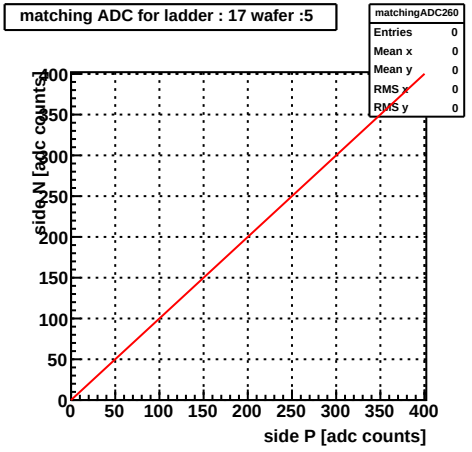

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

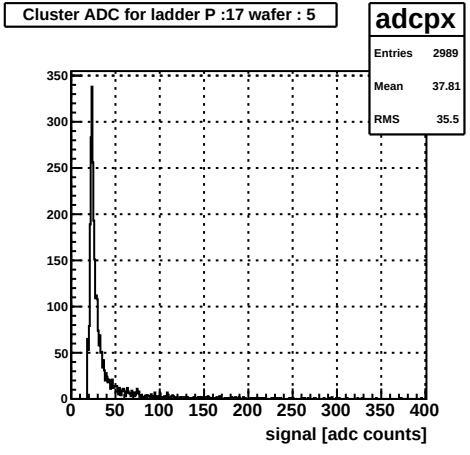

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 11030
Mean 26.77
RMS 23.16
signal [adc counts]

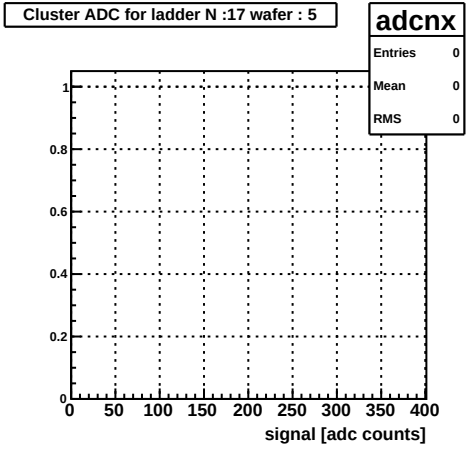

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

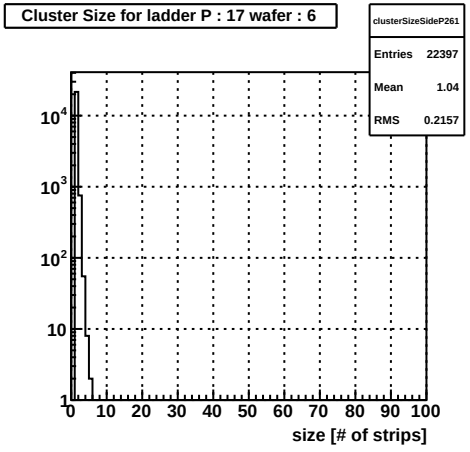

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 2989
Mean 1.084
RMS 0.3643
size [# of strips]

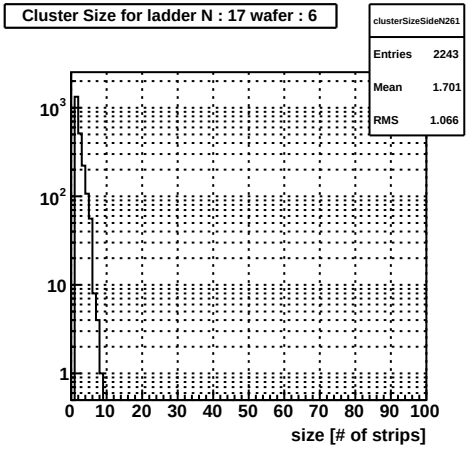

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

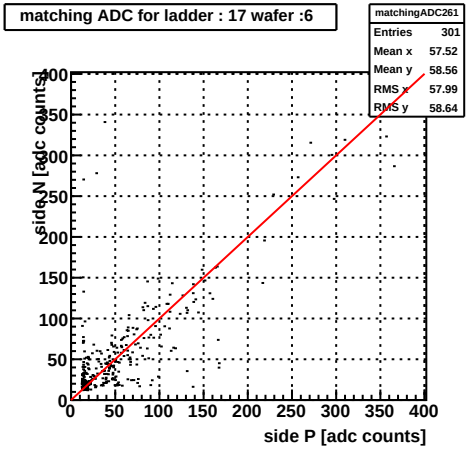

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

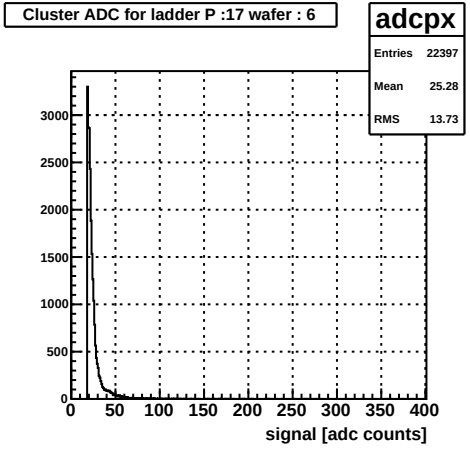

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 2989
Mean 37.81
RMS 35.5
signal [adc counts]

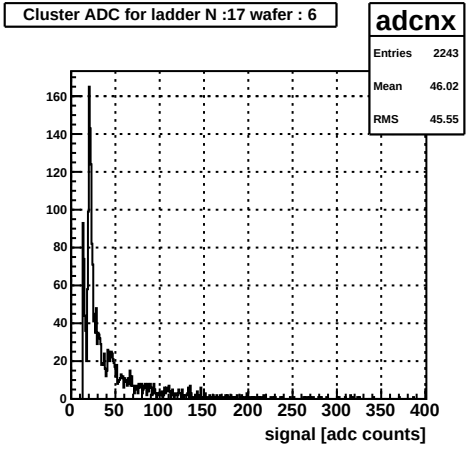

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

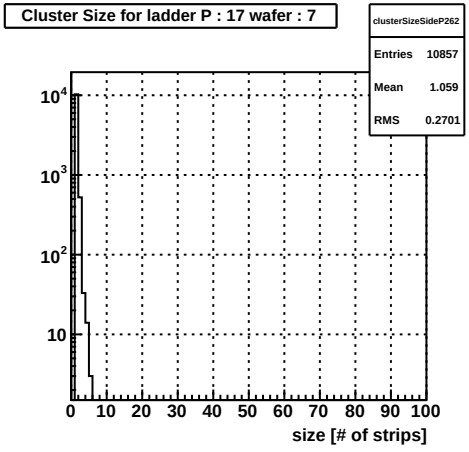

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 22397
Mean 1.04
RMS 0.2157
size [# of strips]

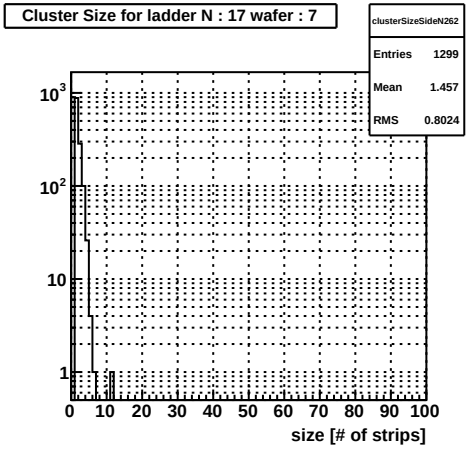

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 2243
Mean 1.701
RMS 1.066
size [# of strips]

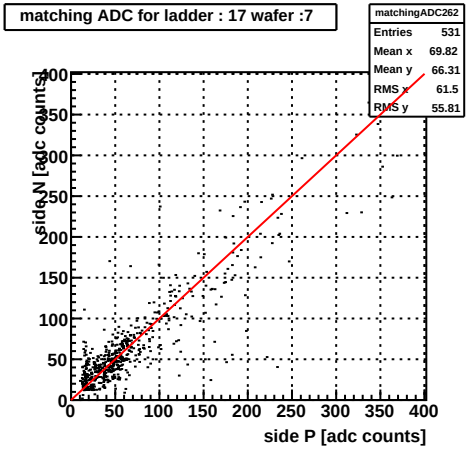

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 301
Mean x 57.52
Mean y 58.56
RMS x 57.99
RMS y 58.64
side N [adc counts]
side P [adc counts]

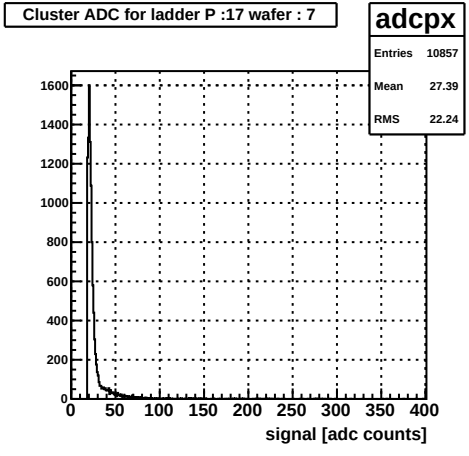

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 22397
Mean 25.28
RMS 13.73
signal [adc counts]

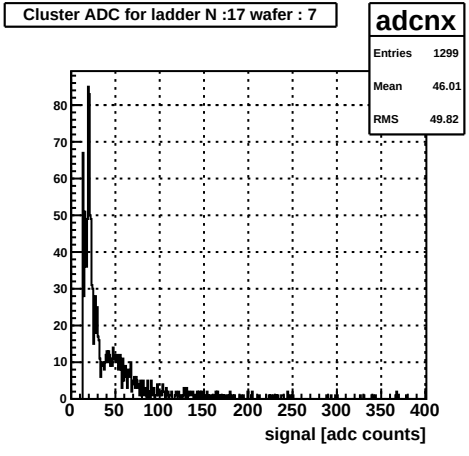

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 2243
Mean 46.02
RMS 45.55
signal [adc counts]

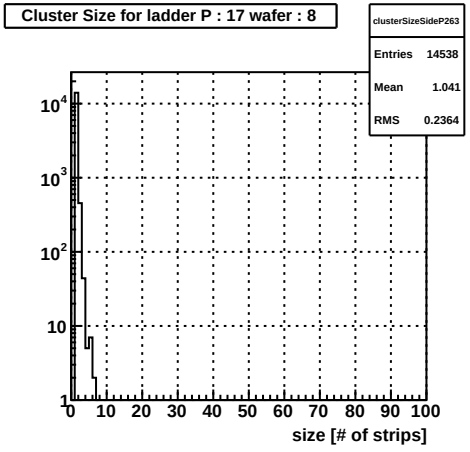

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 10857
Mean 1.059
RMS 0.2701
size [# of strips]

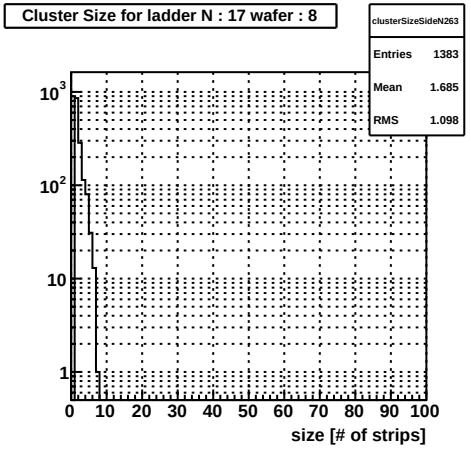

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 1299
Mean 1.457
RMS 0.8024
size [# of strips]

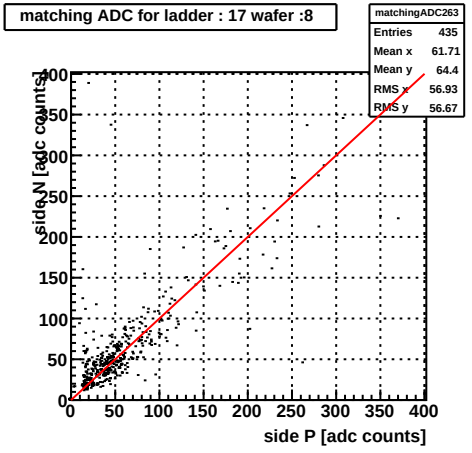

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 531
Mean x 69.82
Mean y 66.31
RMS x 61.5
RMS y 55.81
side N [adc counts]
side P [adc counts]

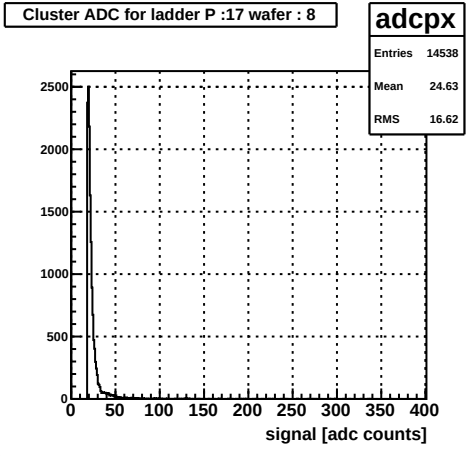

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 10857
Mean 27.39
RMS 22.24
signal [adc counts]

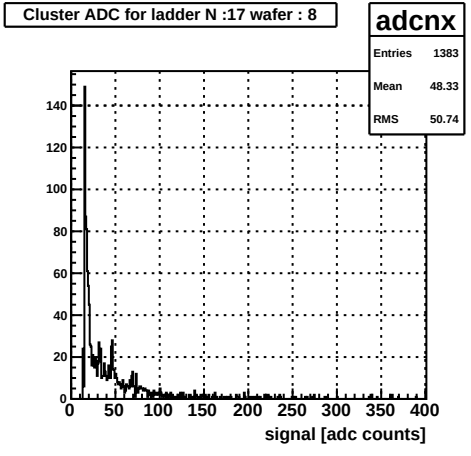

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 1299
Mean 46.01
RMS 49.82
signal [adc counts]

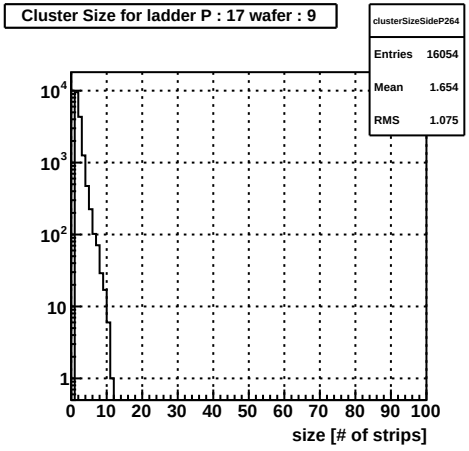

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 14538
Mean 1.041
RMS 0.2364
size [# of strips]

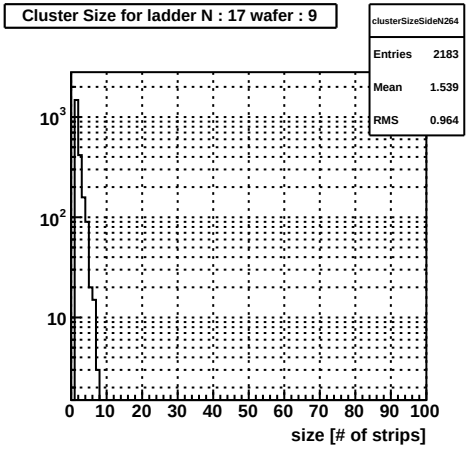

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 1383
Mean 1.685
RMS 1.098
size [# of strips]

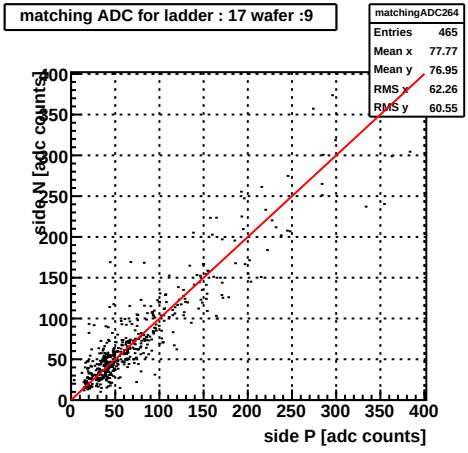

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 435
Mean x 61.71
Mean y 64.4
RMS x 56.93
RMS y 56.67
side N [adc counts]
side P [adc counts]

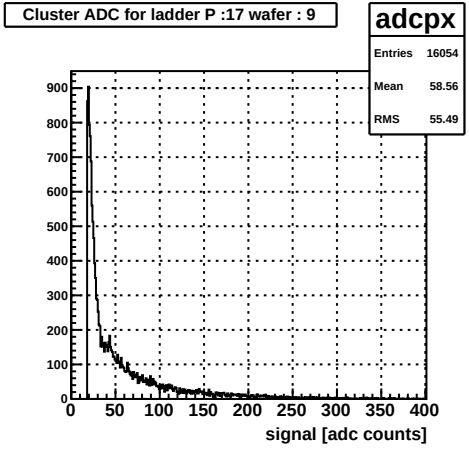

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 14538
Mean 24.63
RMS 16.62
signal [adc counts]

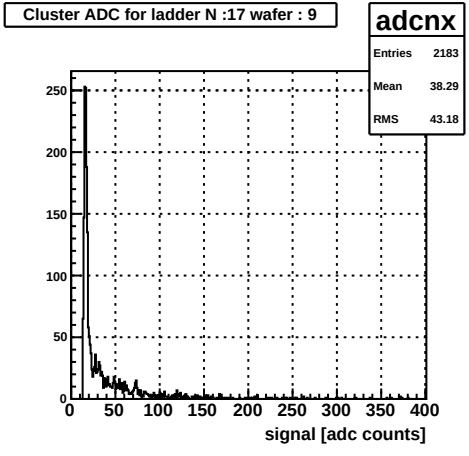

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 1383
Mean 48.33
RMS 50.74
signal [adc counts]

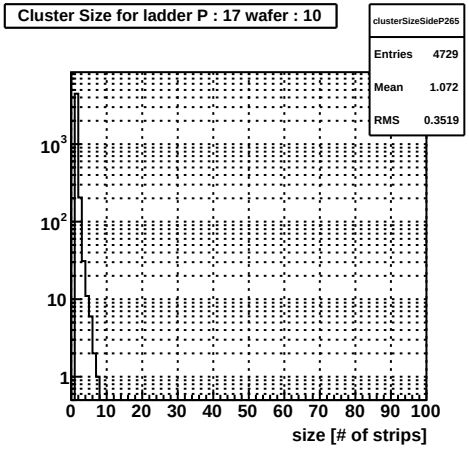

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 16054
Mean 1.654
RMS 1.075
size [# of strips]

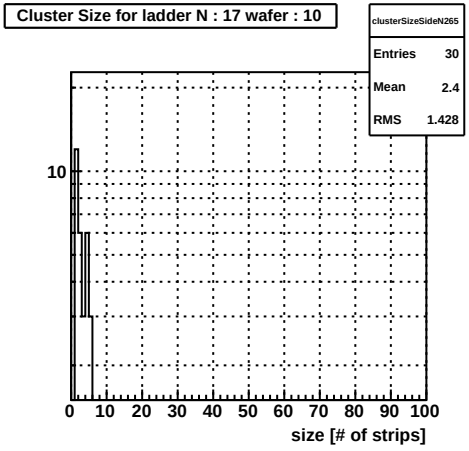

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 2183
Mean 1.539
RMS 0.964
size [# of strips]

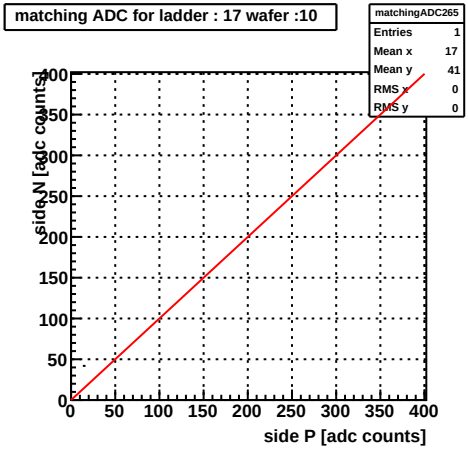

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 465
Mean x 77.77
Mean y 76.95
RMS x 62.26
RMS y 60.55
side N [adc counts]
side P [adc counts]

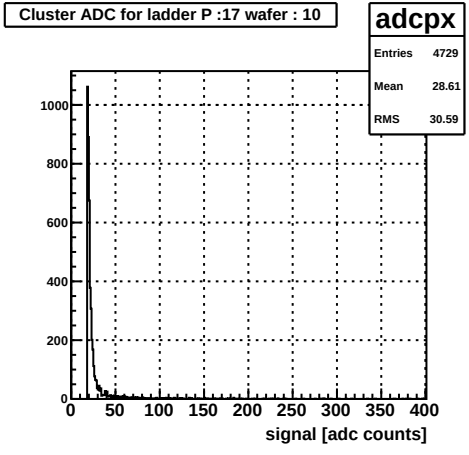

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 16054
Mean 58.56
RMS 55.49
signal [adc counts]

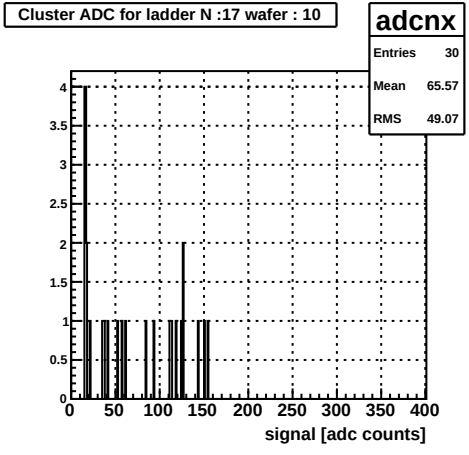

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 2183
Mean 38.29
RMS 43.18
signal [adc counts]

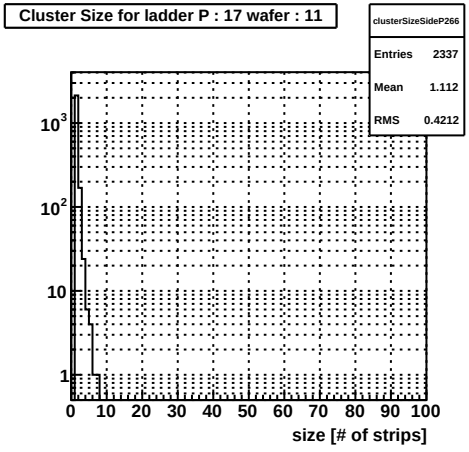

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 4729
Mean 1.072
RMS 0.3519
size [# of strips]

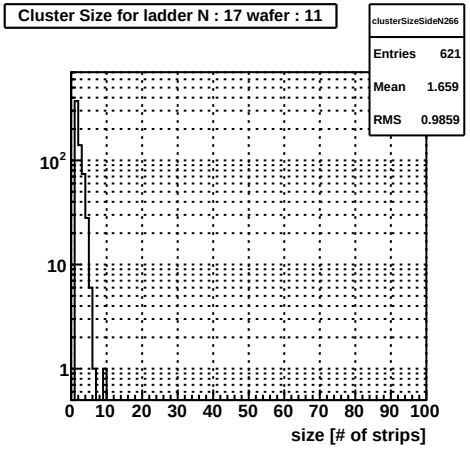

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 30
Mean 2.4
RMS 1.428
size [# of strips]

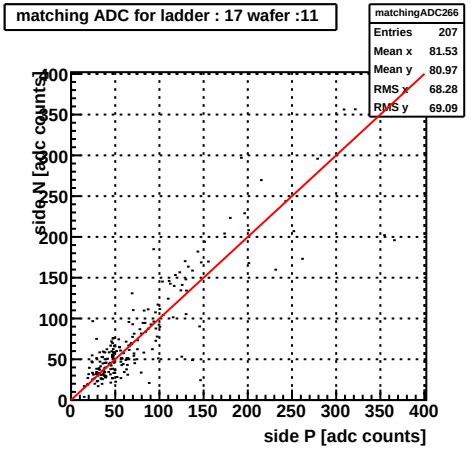

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 1
Mean x 17
Mean y 41
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

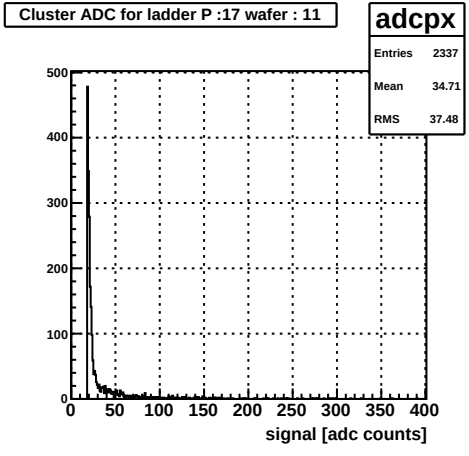

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 4729
Mean 28.61
RMS 30.59
signal [adc counts]

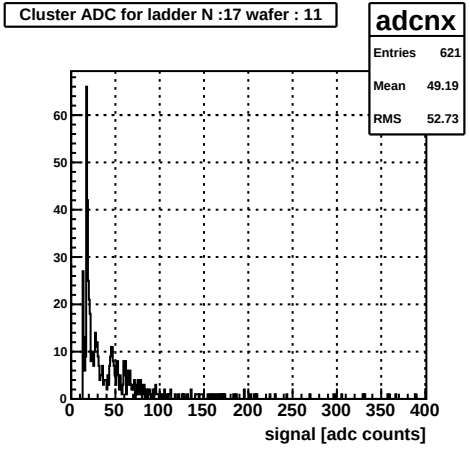

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 30
Mean 65.57
RMS 49.07
signal [adc counts]

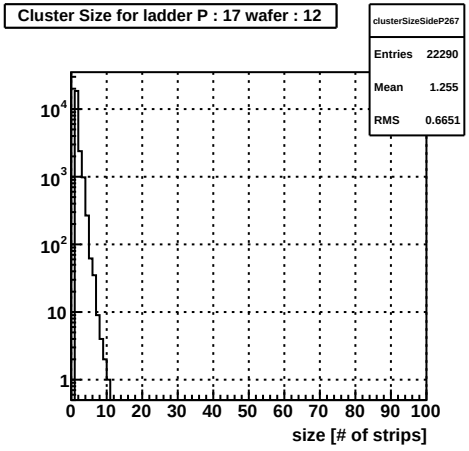

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 2337
Mean 1.112
RMS 0.4212
size [# of strips]

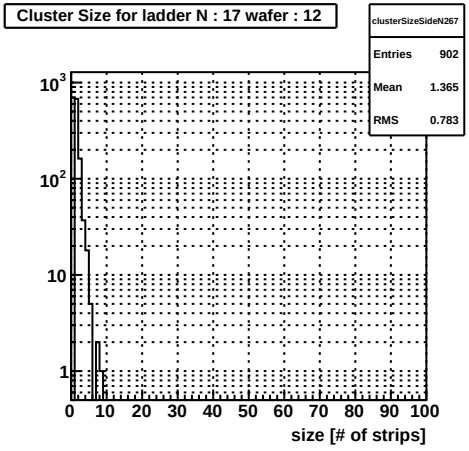

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 621
Mean 1.659
RMS 0.9859
size [# of strips]

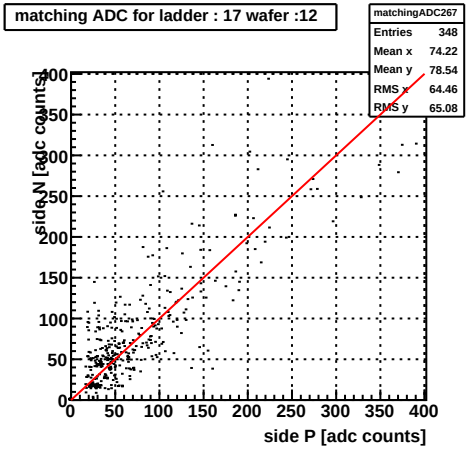

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 207
Mean x 81.53
Mean y 80.97
RMS x 68.28
RMS y 69.09
side N [adc counts]
side P [adc counts]

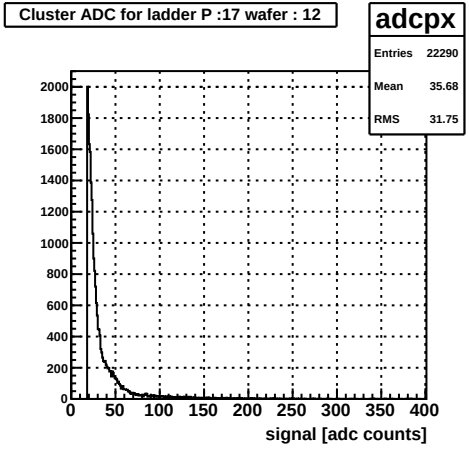

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 2337
Mean 34.71
RMS 37.48
signal [adc counts]

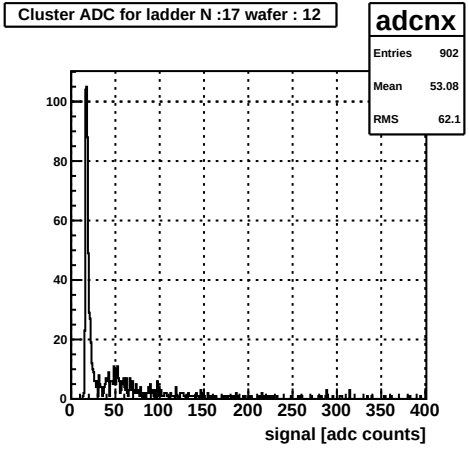

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 621
Mean 49.19
RMS 52.73
signal [adc counts]

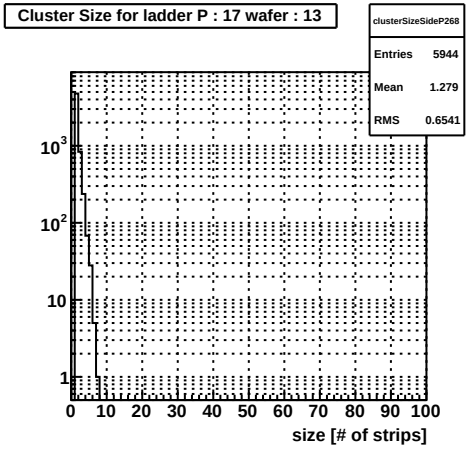

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 22290
Mean 1.255
RMS 0.6651
size [# of strips]

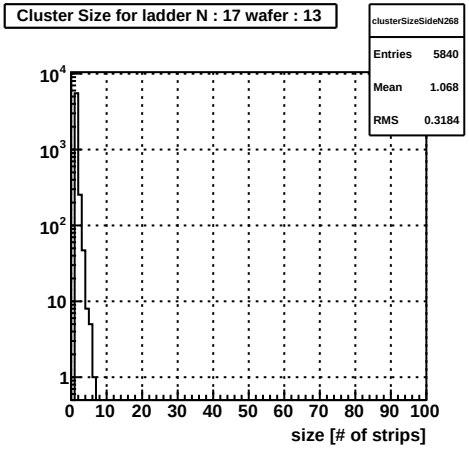

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 902
Mean 1.365
RMS 0.783
size [# of strips]

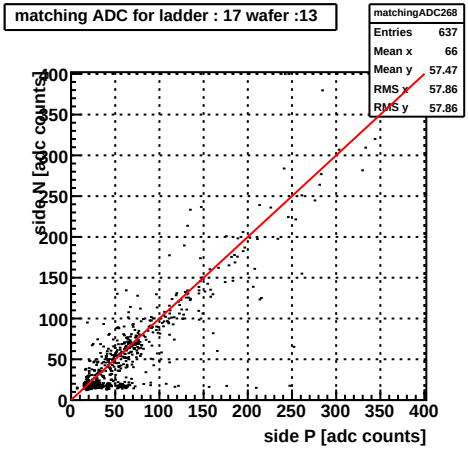

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 348
Mean x 74.22
Mean y 78.54
RMS x 64.46
RMS y 65.08
side N [adc counts]
side P [adc counts]

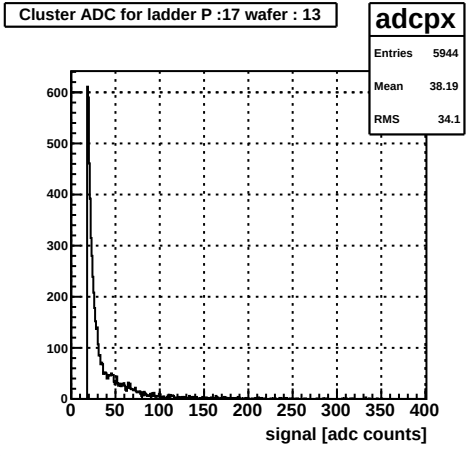

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 22290
Mean 35.68
RMS 31.75
signal [adc counts]

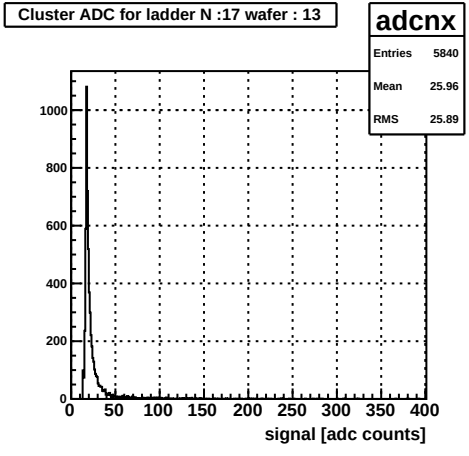

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 902
Mean 53.08
RMS 62.1
signal [adc counts]

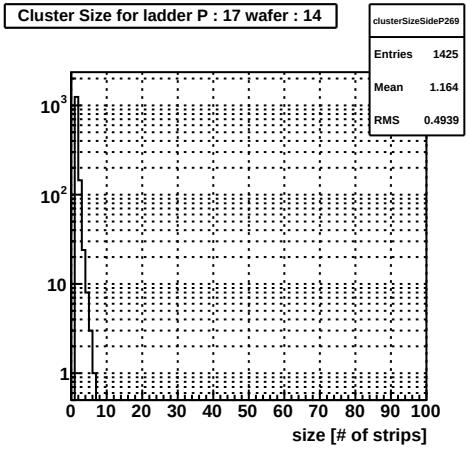

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 5944
Mean 1.279
RMS 0.6541
size [# of strips]

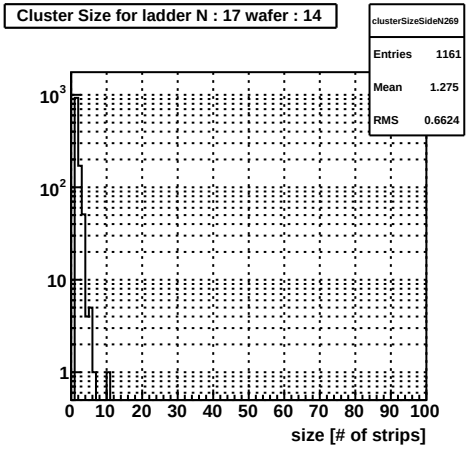

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 5840
Mean 1.068
RMS 0.3184
size [# of strips]

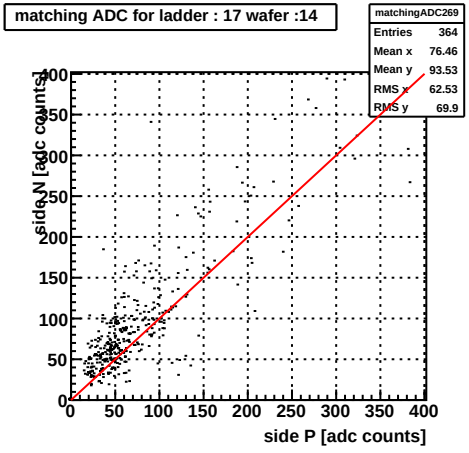

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 637
Mean x 66
Mean y 57.47
RMS x 57.86
RMS y 57.86
side N [adc counts]
side P [adc counts]

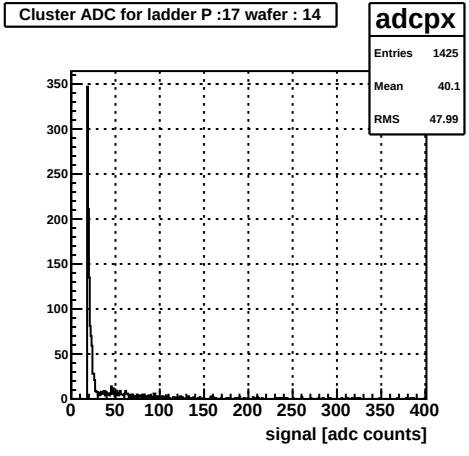

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 5944
Mean 38.19
RMS 34.1
signal [adc counts]

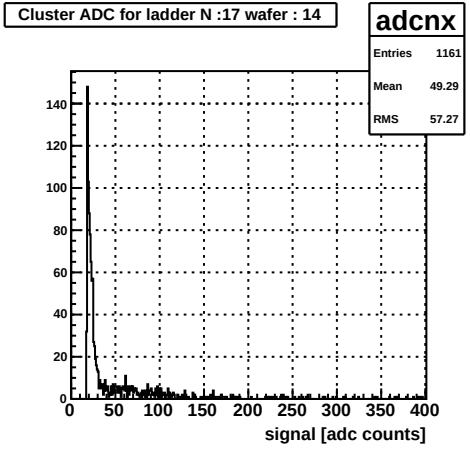

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 5840
Mean 25.96
RMS 25.89
signal [adc counts]

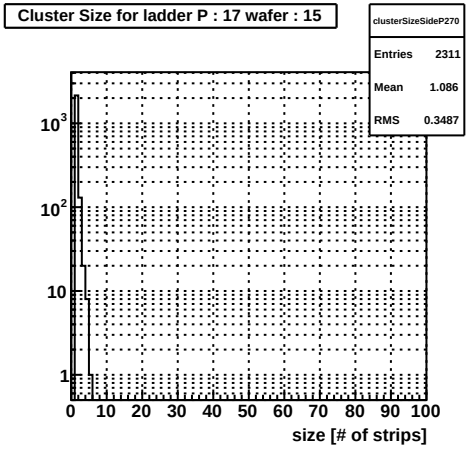

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 1425
Mean 1.164
RMS 0.4939
size [# of strips]

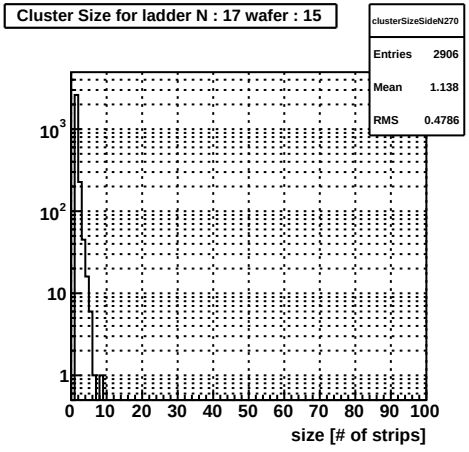

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 1161
Mean 1.275
RMS 0.6624
size [# of strips]

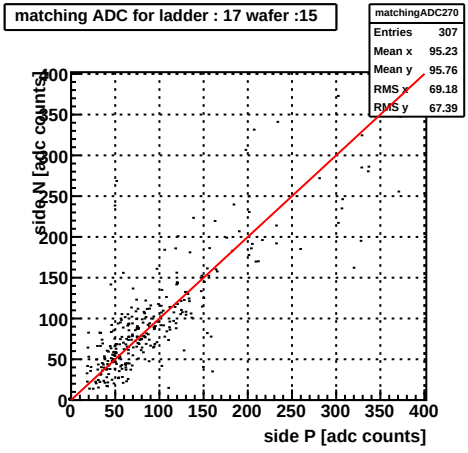

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 364
Mean x 76.46
Mean y 93.53
RMS x 62.53
RMS y 69.9
side N [adc counts]
side P [adc counts]

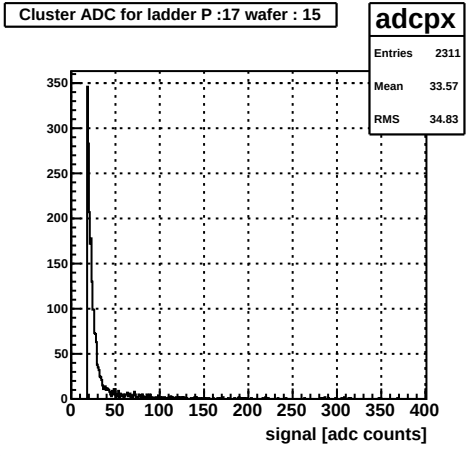

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 1425
Mean 40.1
RMS 47.99
signal [adc counts]

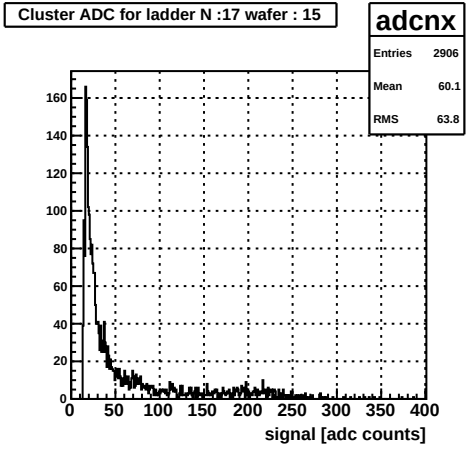

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 1161
Mean 49.29
RMS 57.27
signal [adc counts]

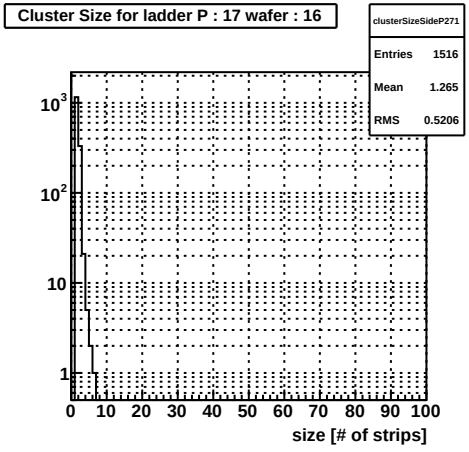

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 2311
Mean 1.086
RMS 0.3487
size [# of strips]

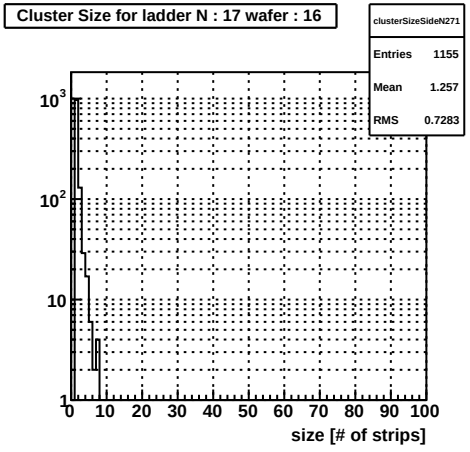

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 2906
Mean 1.138
RMS 0.4786
size [# of strips]

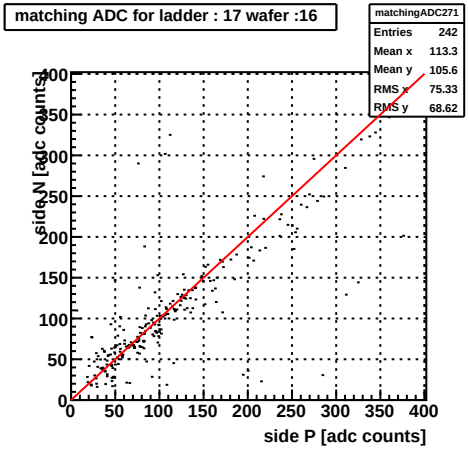

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 307
Mean x 95.23
Mean y 95.76
RMS x 69.18
RMS y 67.39
side N [adc counts]
side P [adc counts]

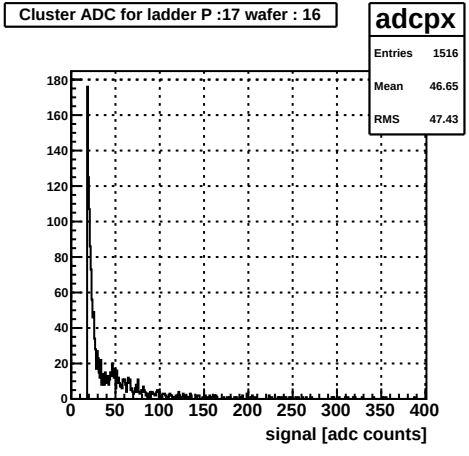

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 2311
Mean 33.57
RMS 34.83
signal [adc counts]

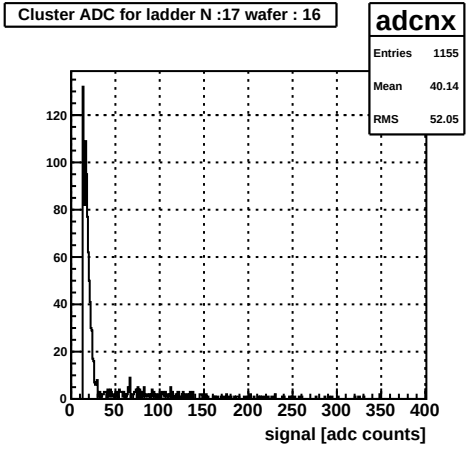

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 2906
Mean 60.1
RMS 63.8
signal [adc counts]

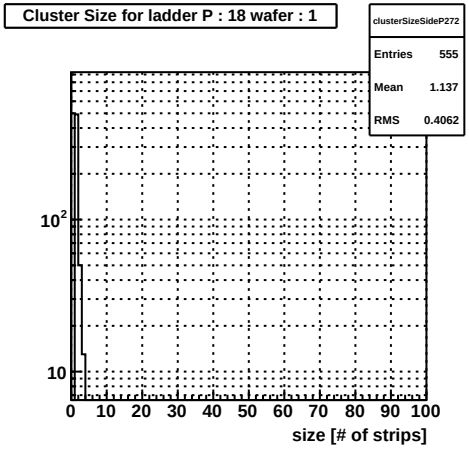

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 1516
Mean 1.265
RMS 0.5206
size [# of strips]

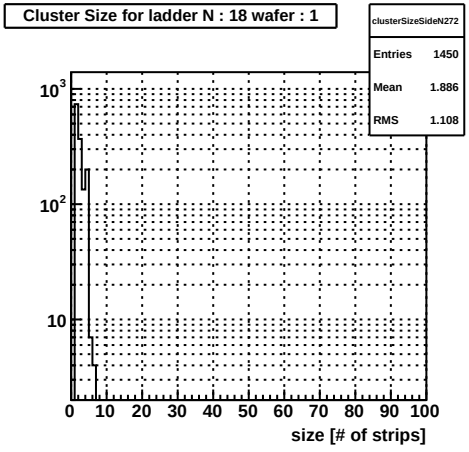

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 1155
Mean 1.257
RMS 0.7283
size [# of strips]

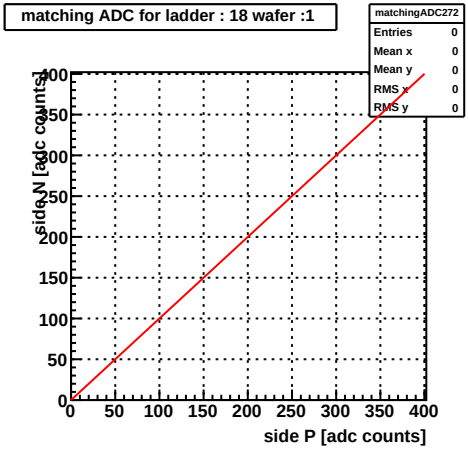

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 242
Mean x 113.3
Mean y 105.6
RMS x 75.33
RMS y 68.62
side N [adc counts]
side P [adc counts]

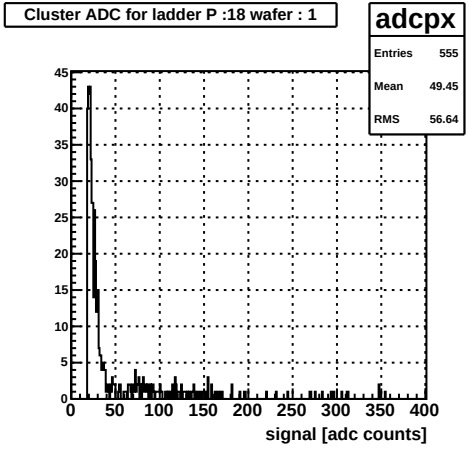

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 1516
Mean 46.65
RMS 47.43
signal [adc counts]

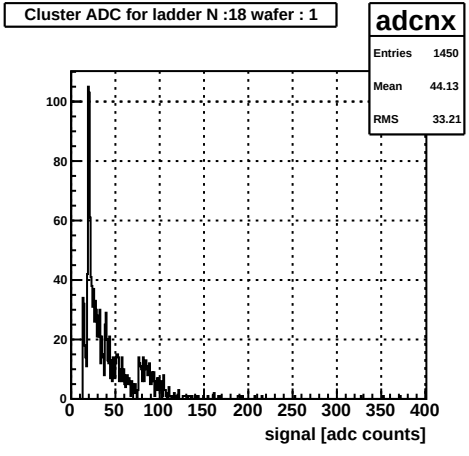

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 1155
Mean 40.14
RMS 52.05
signal [adc counts]

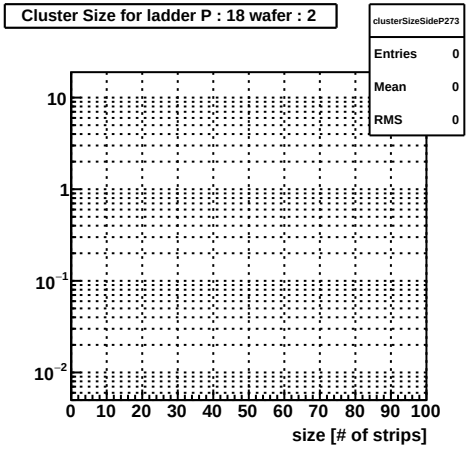

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 555
Mean 1.137
RMS 0.4062
size [# of strips]

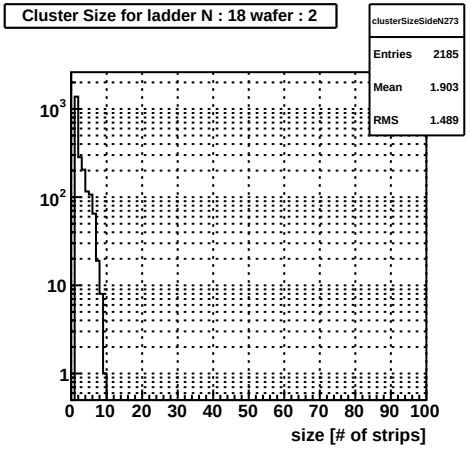

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1450
Mean 1.886
RMS 1.108
size [# of strips]

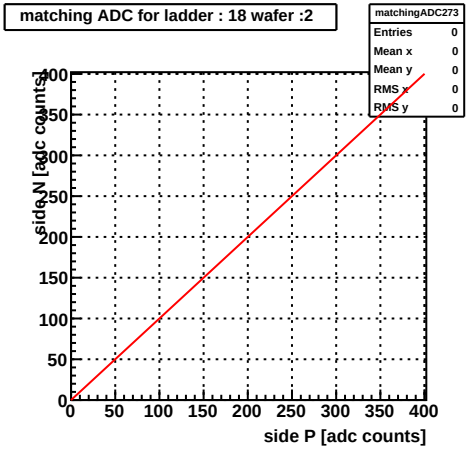

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

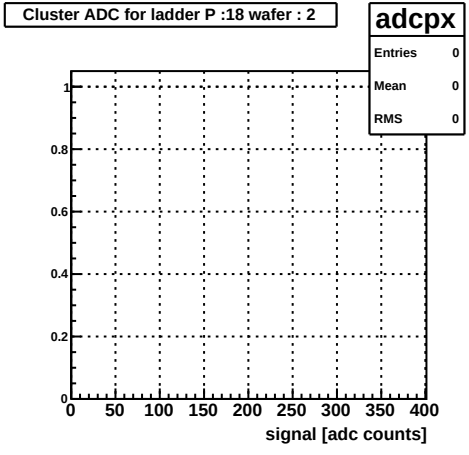

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 555
Mean 49.45
RMS 56.64
signal [adc counts]

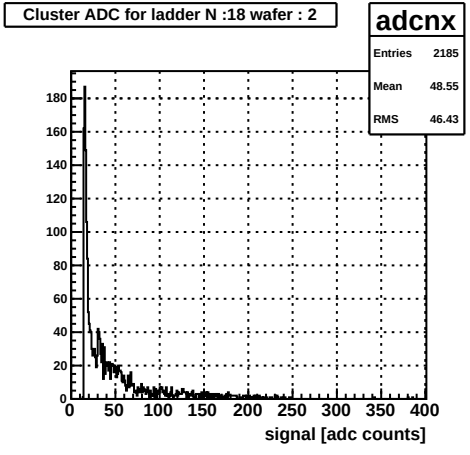

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1450
Mean 44.13
RMS 33.21
signal [adc counts]

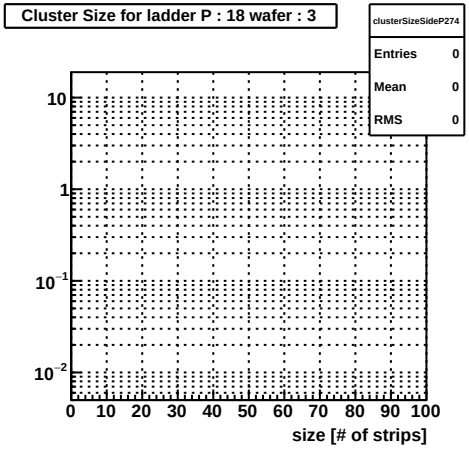

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

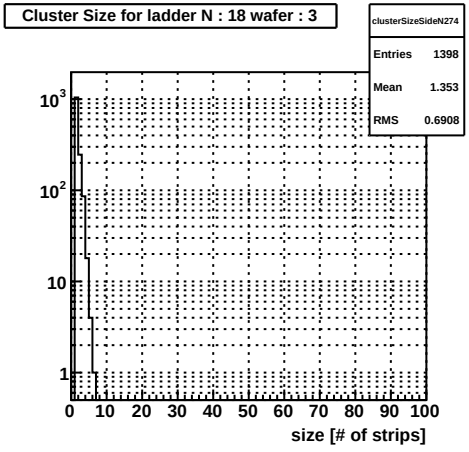

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 2185
Mean 1.903
RMS 1.489
size [# of strips]

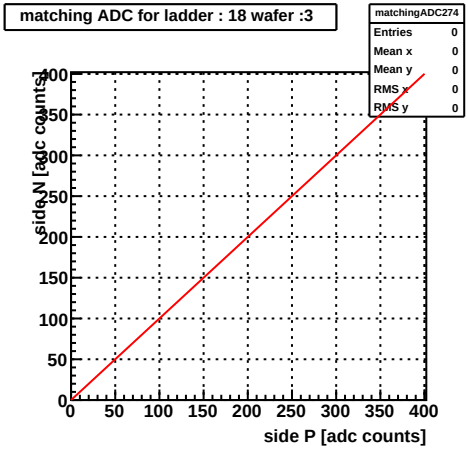

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

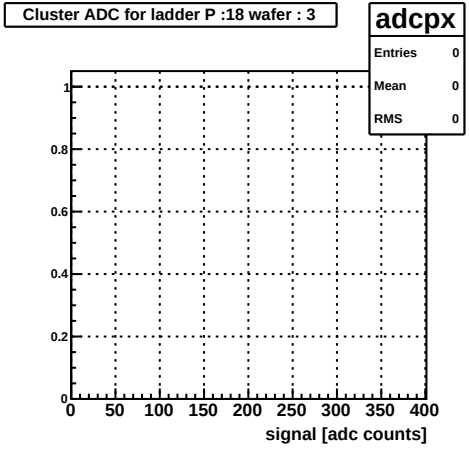

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

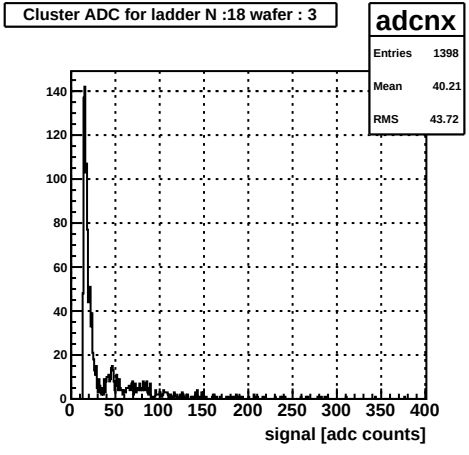

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 2185
Mean 48.55
RMS 46.43
signal [adc counts]

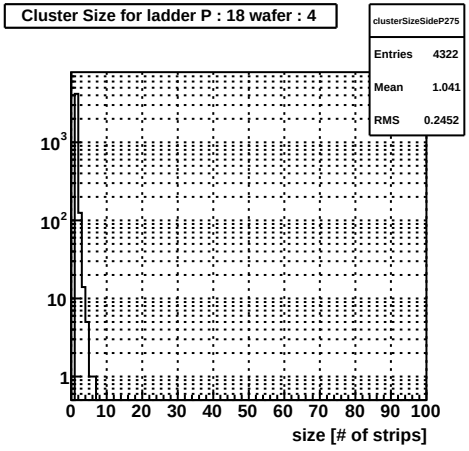

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

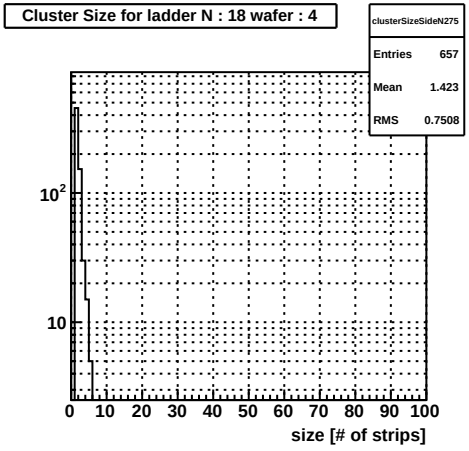

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 1398
Mean 1.353
RMS 0.6908
size [# of strips]

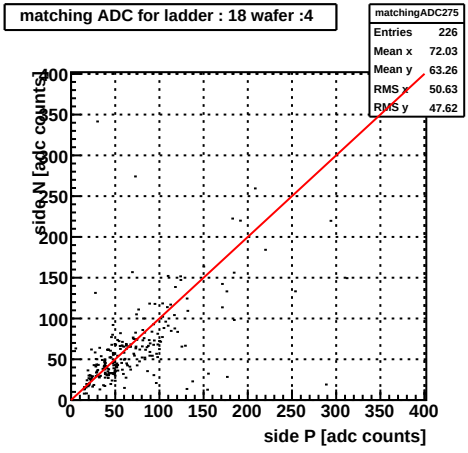

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

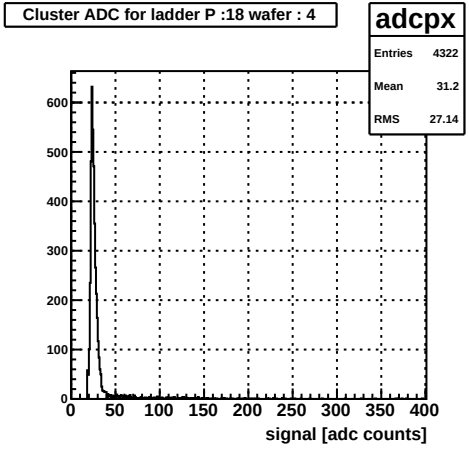

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

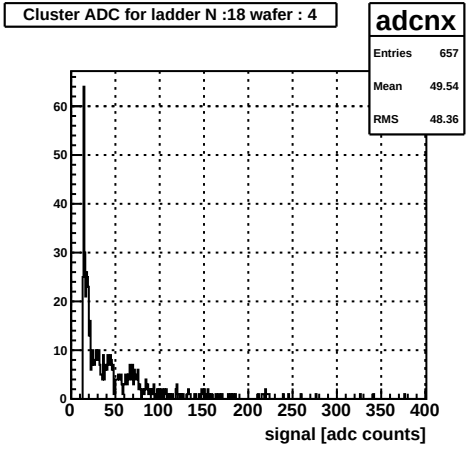

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 1398
Mean 40.21
RMS 43.72
signal [adc counts]

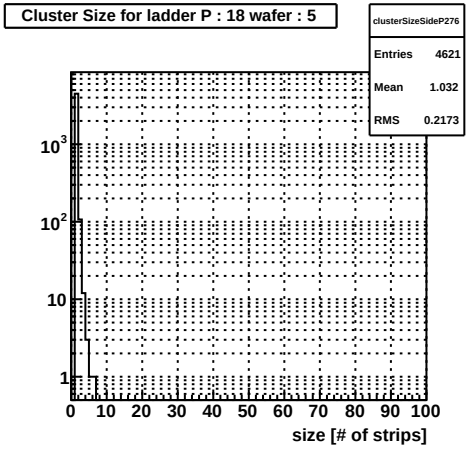

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 4322
Mean 1.041
RMS 0.2452
size [# of strips]

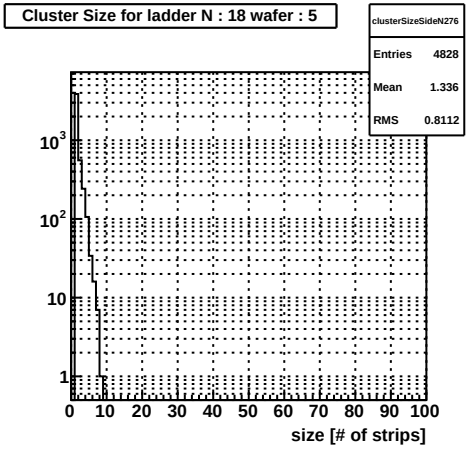

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 657
Mean 1.423
RMS 0.7508
size [# of strips]

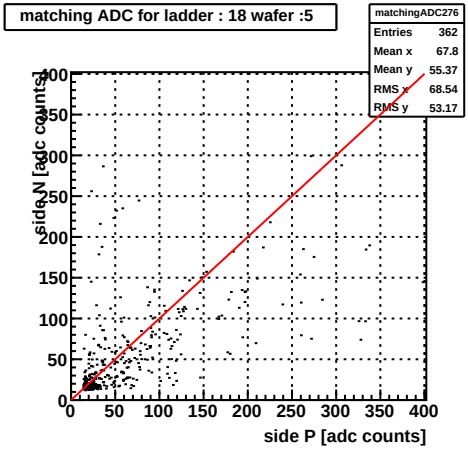

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 226
Mean x 72.03
Mean y 63.26
RMS x 50.63
RMS y 47.62
side N [adc counts]
side P [adc counts]

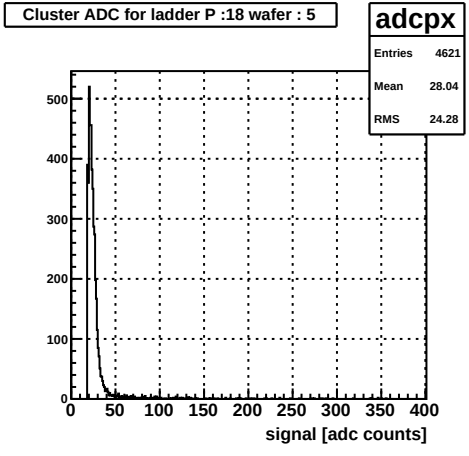

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 4322
Mean 31.2
RMS 27.14
signal [adc counts]

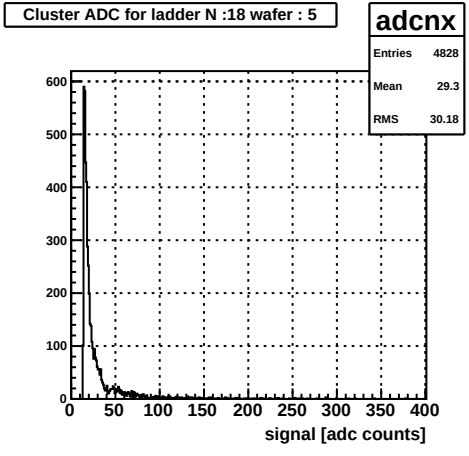

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 657
Mean 49.54
RMS 48.36
signal [adc counts]

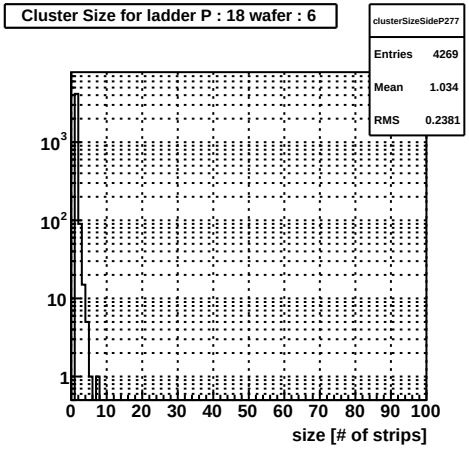

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 4621
Mean 1.032
RMS 0.2173
size [# of strips]

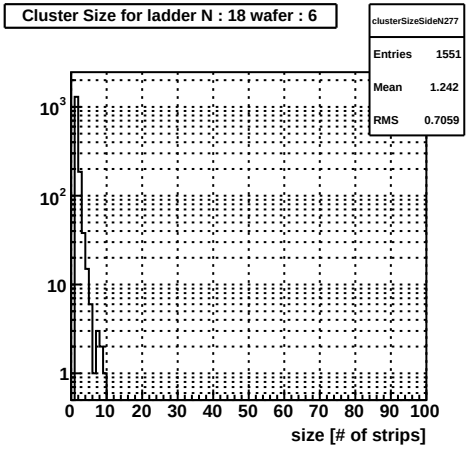

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 4828
Mean 1.336
RMS 0.8112
size [# of strips]

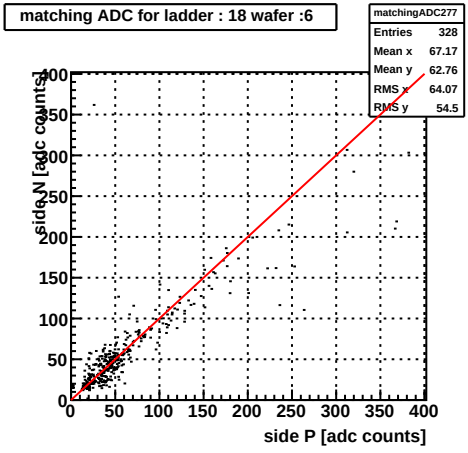

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 362
Mean x 67.8
Mean y 55.37
RMS x 68.54
RMS y 53.17
side N [adc counts]
side P [adc counts]

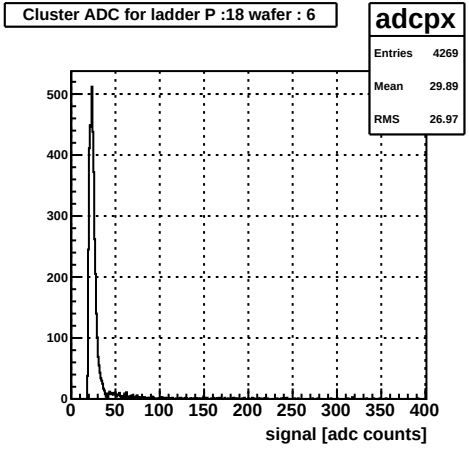

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 4621
Mean 28.04
RMS 24.28
signal [adc counts]

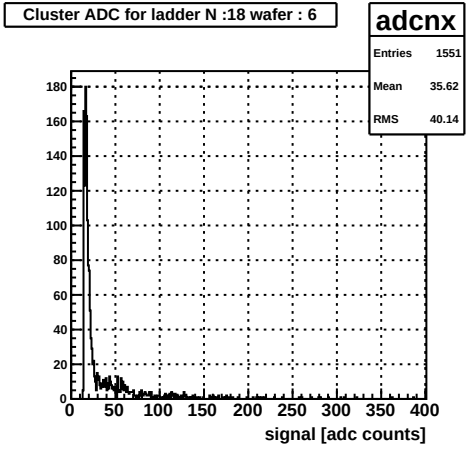

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 4828
Mean 29.3
RMS 30.18
signal [adc counts]

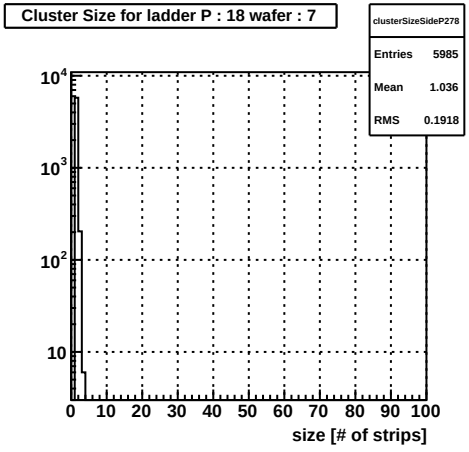

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 4269
Mean 1.034
RMS 0.2381
size [# of strips]

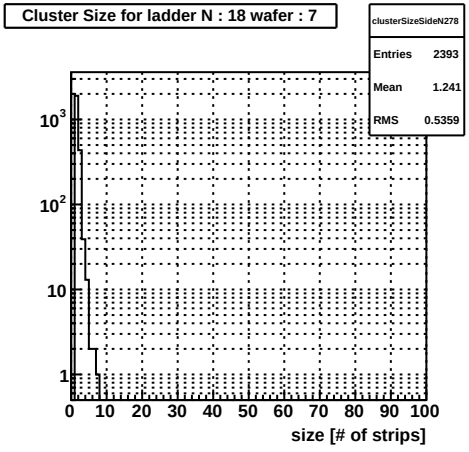

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 1551
Mean 1.242
RMS 0.7059
size [# of strips]

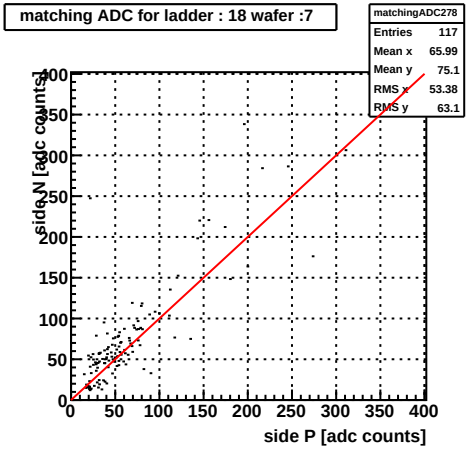

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 328
Mean x 67.17
Mean y 62.76
RMS x 64.07
RMS y 54.5
side N [adc counts]
side P [adc counts]

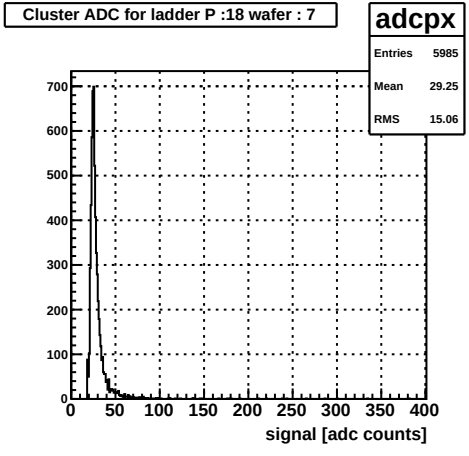

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 4269
Mean 29.89
RMS 26.97
signal [adc counts]

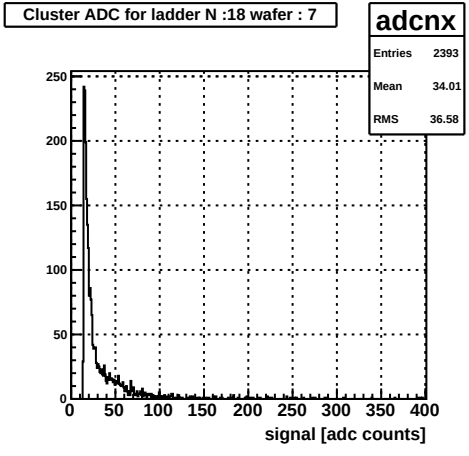

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 1551
Mean 35.62
RMS 40.14
signal [adc counts]

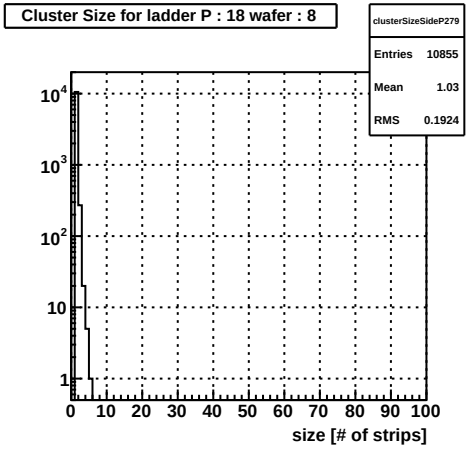

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 5985
Mean 1.036
RMS 0.1918
size [# of strips]

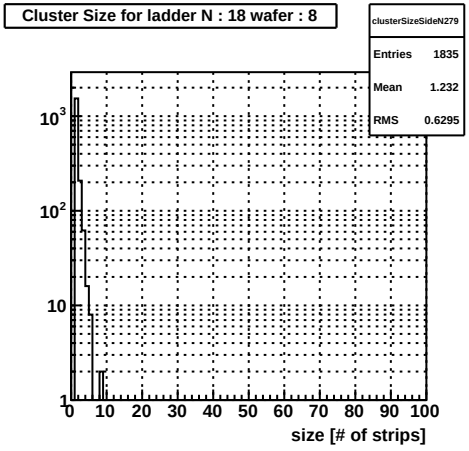

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 2393
Mean 1.241
RMS 0.5359
size [# of strips]

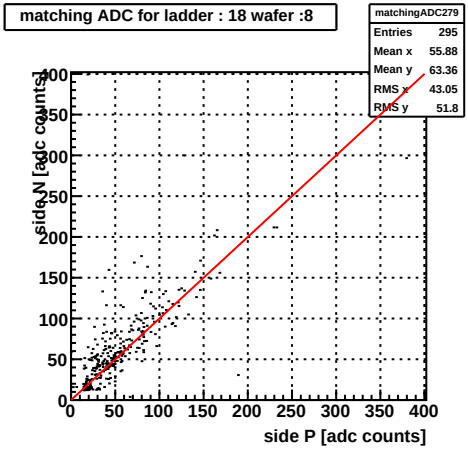

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 117
Mean x 65.99
Mean y 75.1
RMS x 53.38
RMS y 63.1
side N [adc counts]
side P [adc counts]

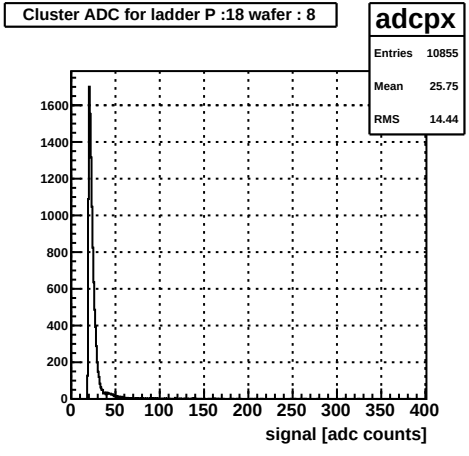

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 5985
Mean 29.25
RMS 15.06
signal [adc counts]

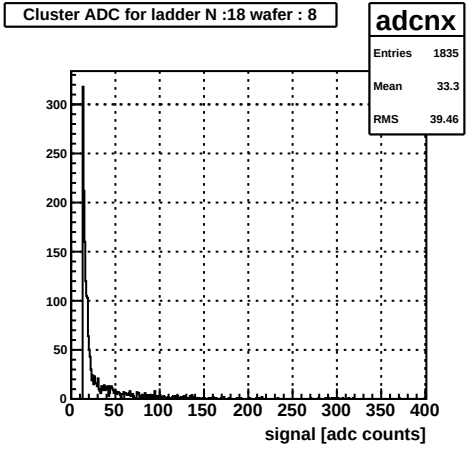

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 2393
Mean 34.01
RMS 36.58
signal [adc counts]

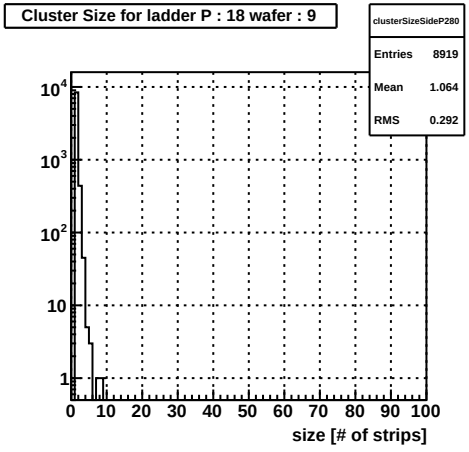

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 10855
Mean 1.03
RMS 0.1924
size [# of strips]

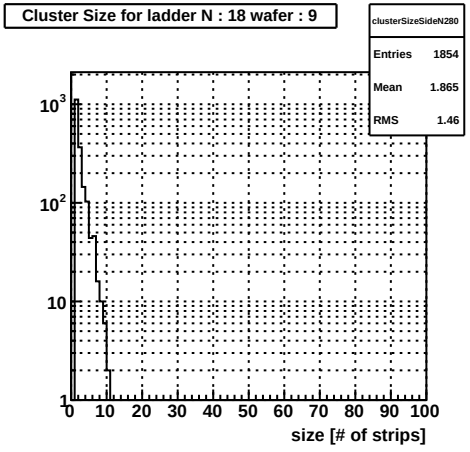

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 1835
Mean 1.232
RMS 0.6295
size [# of strips]

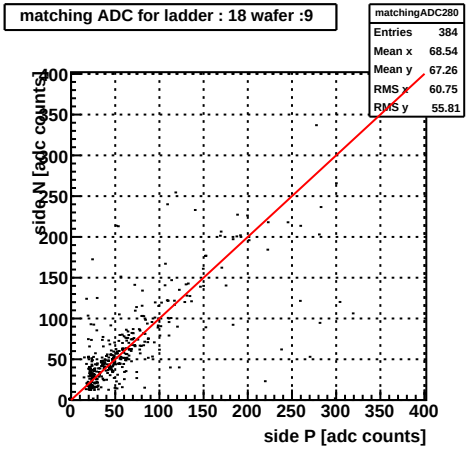

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 295
Mean x 55.88
Mean y 63.36
RMS x 43.05
RMS y 51.8
side N [adc counts]
side P [adc counts]

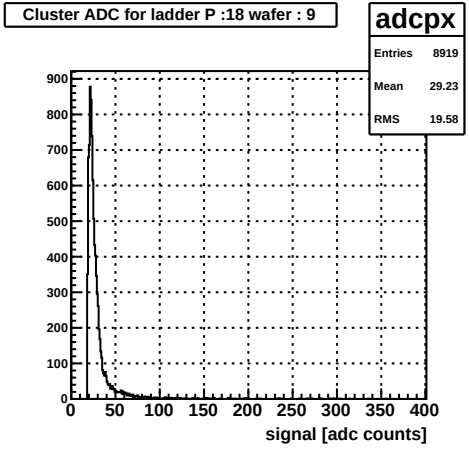

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 10855
Mean 25.75
RMS 14.44
signal [adc counts]

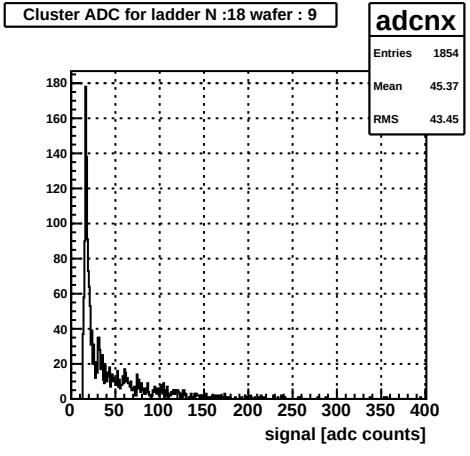

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 1835
Mean 33.3
RMS 39.46
signal [adc counts]

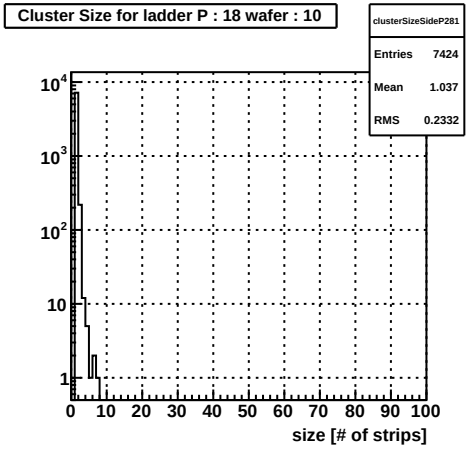

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 8919
Mean 1.064
RMS 0.292
size [# of strips]

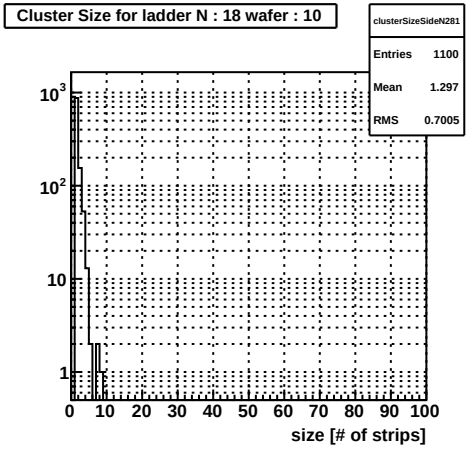

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 1854
Mean 1.865
RMS 1.46
size [# of strips]

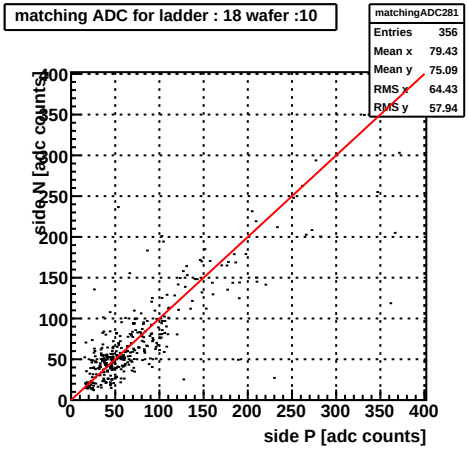

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 384
Mean x 68.54
Mean y 67.26
RMS x 60.75
RMS y 55.81
side N [adc counts]
side P [adc counts]

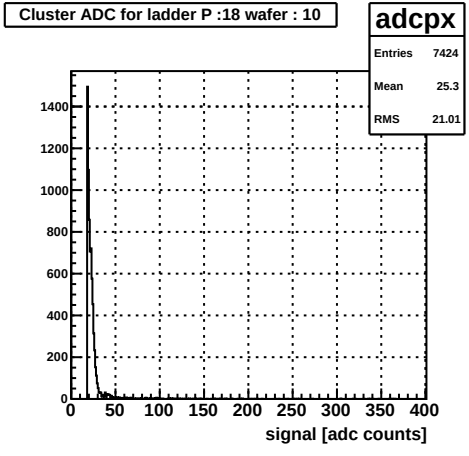

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 8919
Mean 29.23
RMS 19.58
signal [adc counts]

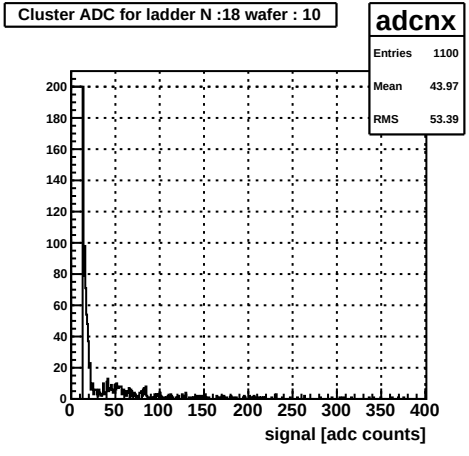

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 1854
Mean 45.37
RMS 43.45
signal [adc counts]

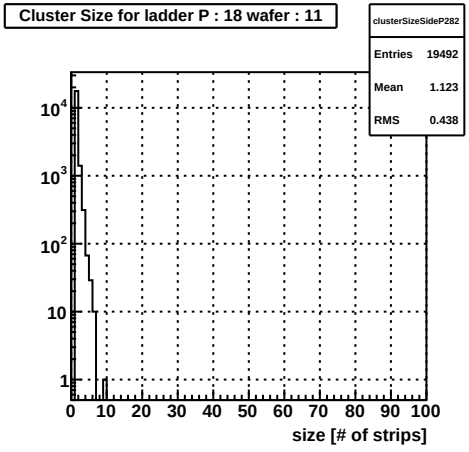

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 7424
Mean 1.037
RMS 0.2332
size [# of strips]

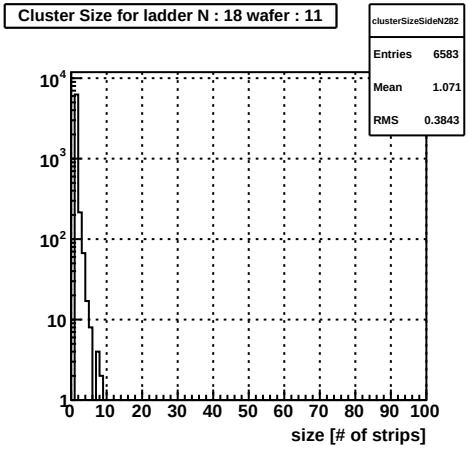

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 1100
Mean 1.297
RMS 0.7005
size [# of strips]

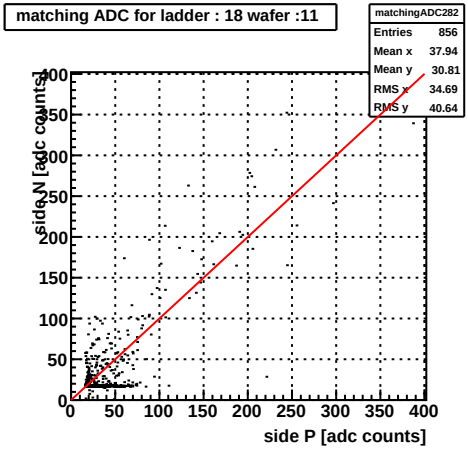

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 356
Mean x 79.43
Mean y 75.09
RMS x 64.43
RMS y 57.94
side N [adc counts]
side P [adc counts]

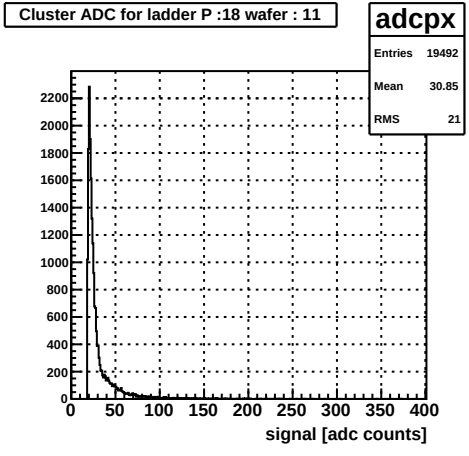

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 7424
Mean 25.3
RMS 21.01
signal [adc counts]

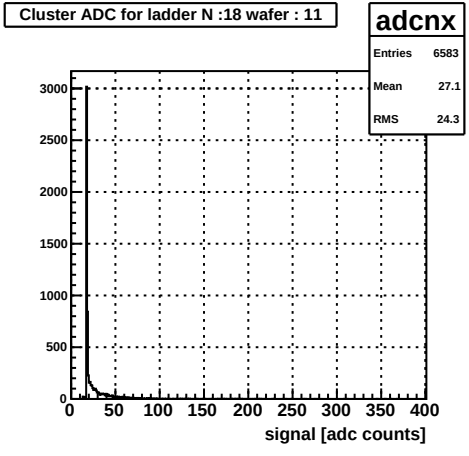

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 1100
Mean 43.97
RMS 53.39
signal [adc counts]

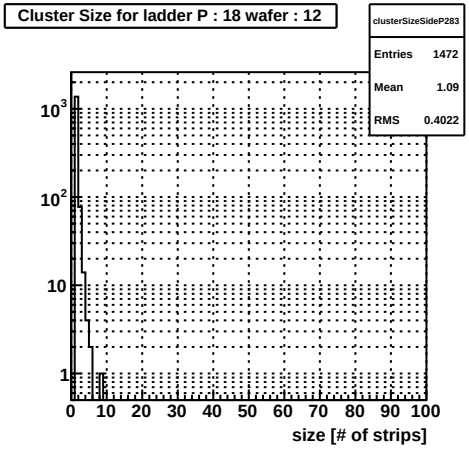

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 19492
Mean 1.123
RMS 0.438
size [# of strips]

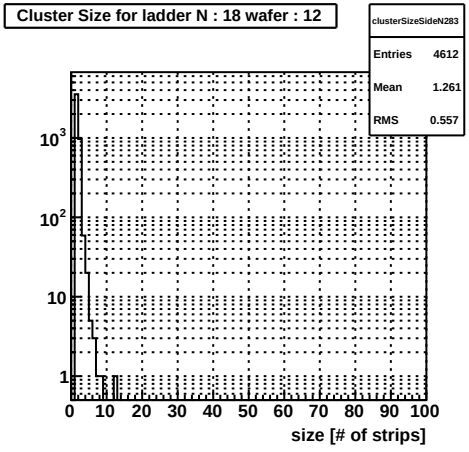

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 6583
Mean 1.071
RMS 0.3843
size [# of strips]

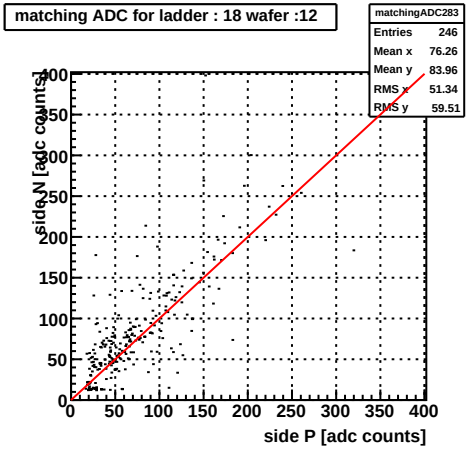

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 856
Mean x 37.94
Mean y 30.81
RMS x 34.69
RMS y 40.64
side N [adc counts]
side P [adc counts]

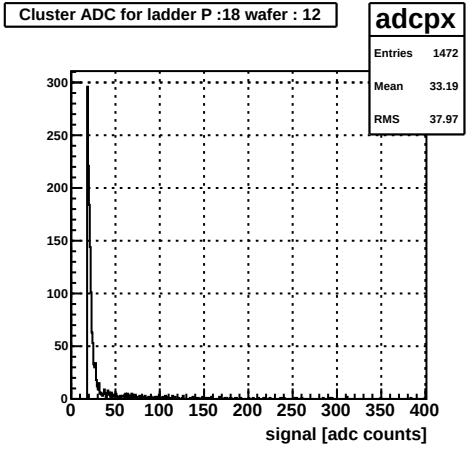

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 19492
Mean 30.85
RMS 21
signal [adc counts]

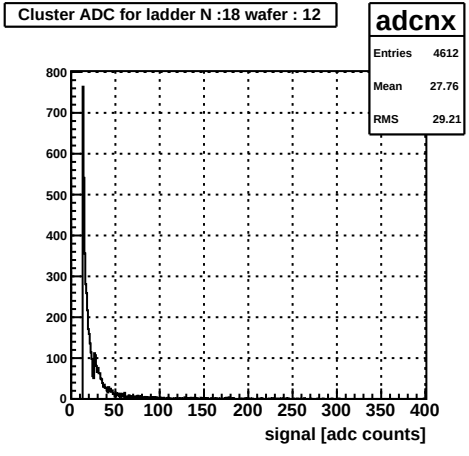

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 6583
Mean 27.1
RMS 24.3
signal [adc counts]

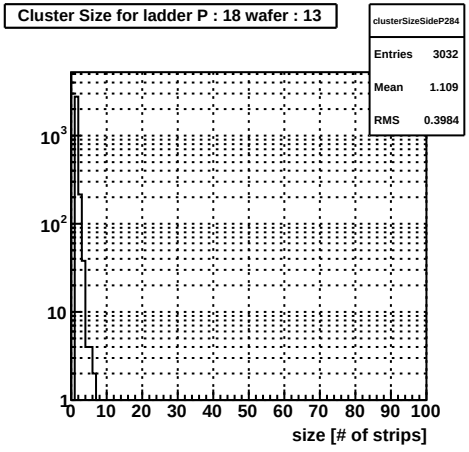

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 1472
Mean 1.09
RMS 0.4022
size [# of strips]

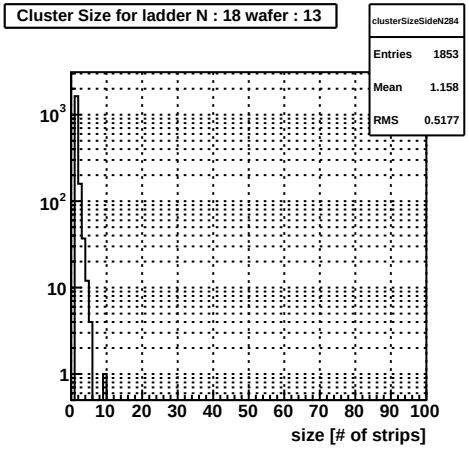

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 4612
Mean 1.261
RMS 0.557
size [# of strips]

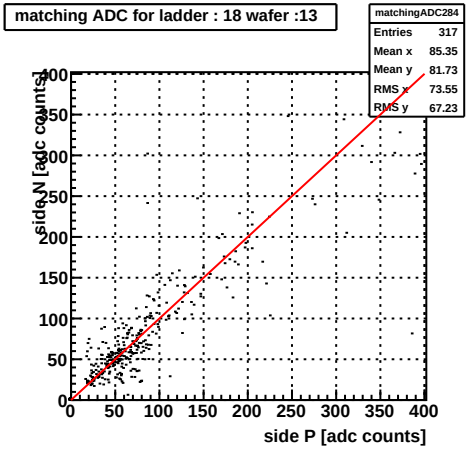

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 246
Mean x 76.26
Mean y 83.96
RMS x 51.34
RMS y 59.51
side N [adc counts]
side P [adc counts]

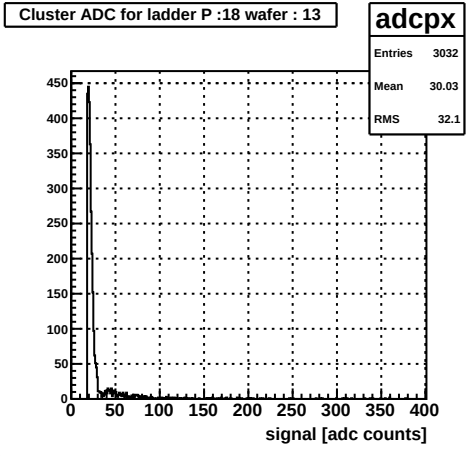

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 1472
Mean 33.19
RMS 37.97
signal [adc counts]

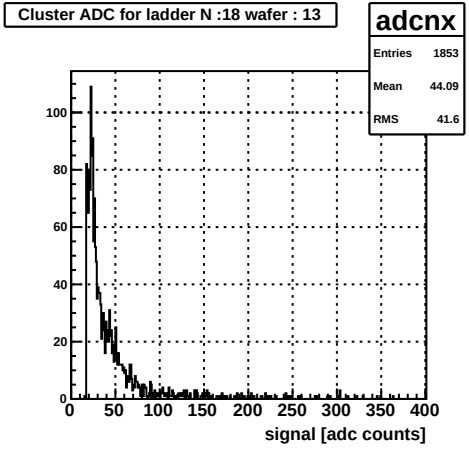

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 4612
Mean 27.76
RMS 29.21
signal [adc counts]

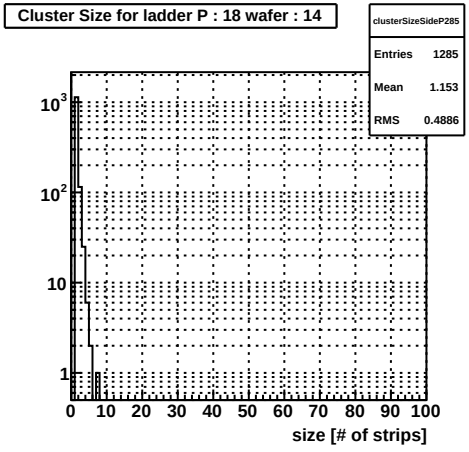

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 3032
Mean 1.109
RMS 0.3984
size [# of strips]

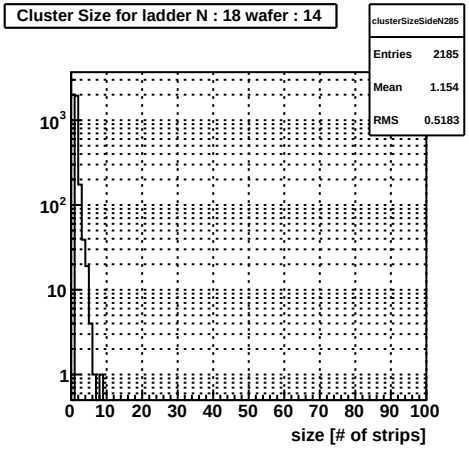

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 1853
Mean 1.158
RMS 0.5177
size [# of strips]

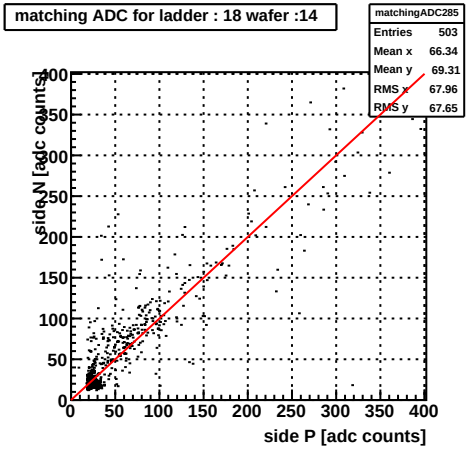

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 317
Mean x 85.35
Mean y 81.73
RMS x 73.55
RMS y 67.23
side N [adc counts]
side P [adc counts]

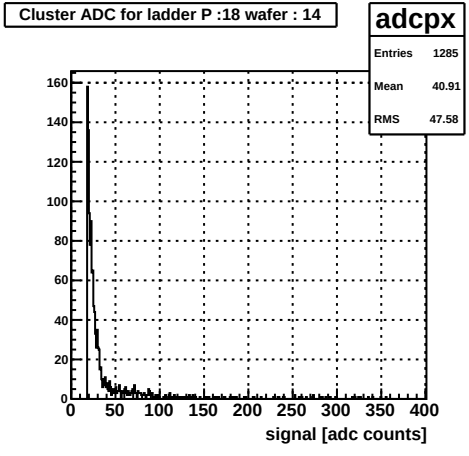

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 3032
Mean 30.03
RMS 32.1
signal [adc counts]

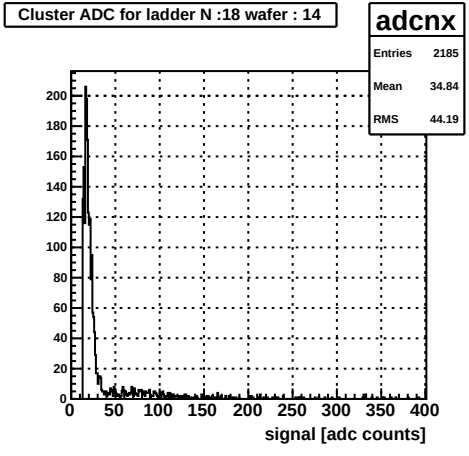

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 1853
Mean 44.09
RMS 41.6
signal [adc counts]

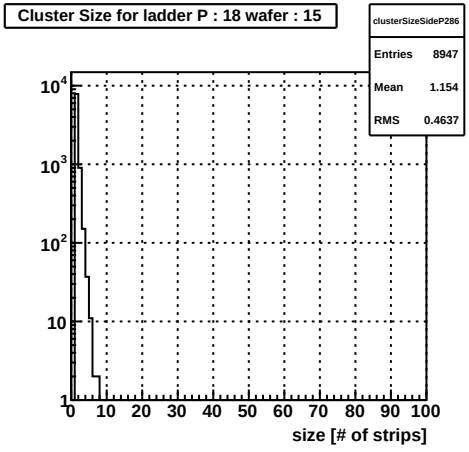

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 1285
Mean 1.153
RMS 0.4886
size [# of strips]

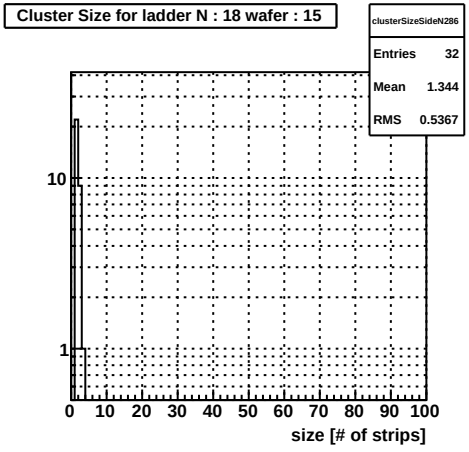

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 2185
Mean 1.154
RMS 0.5183
size [# of strips]

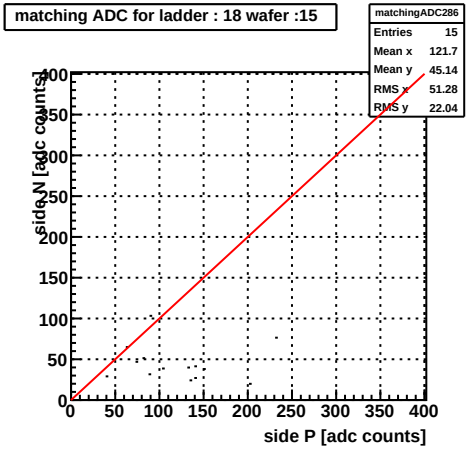

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 503
Mean x 66.34
Mean y 69.31
RMS x 67.96
RMS y 67.65
side N [adc counts]
side P [adc counts]

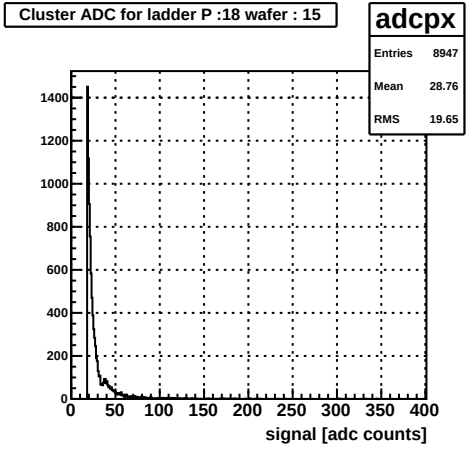

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 1285
Mean 40.91
RMS 47.58
signal [adc counts]

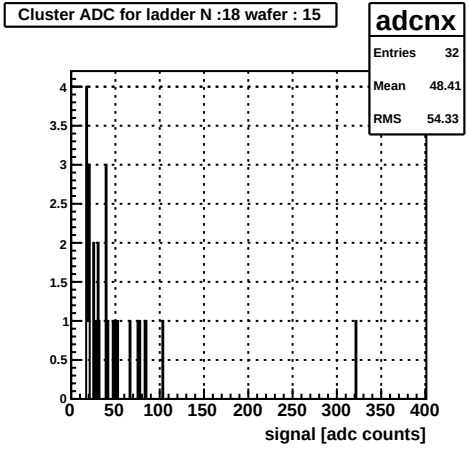

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 2185
Mean 34.84
RMS 44.19
signal [adc counts]

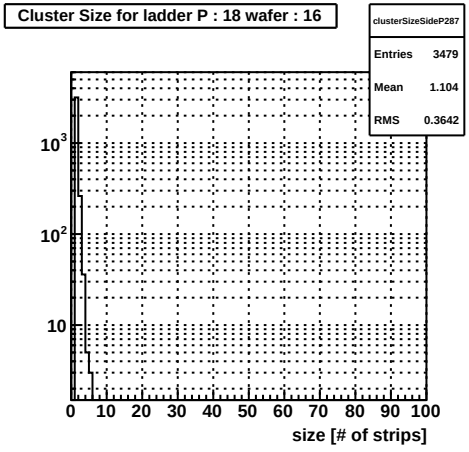

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 8947
Mean 1.154
RMS 0.4637
size [# of strips]

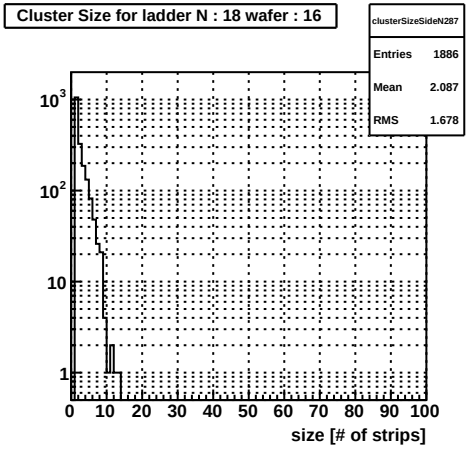

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 32
Mean 1.344
RMS 0.5367
size [# of strips]

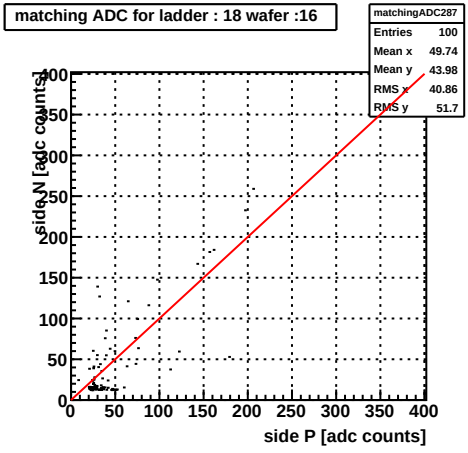

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 15
Mean x 121.7
Mean y 45.14
RMS x 51.28
RMS y 22.04
side N [adc counts]
side P [adc counts]

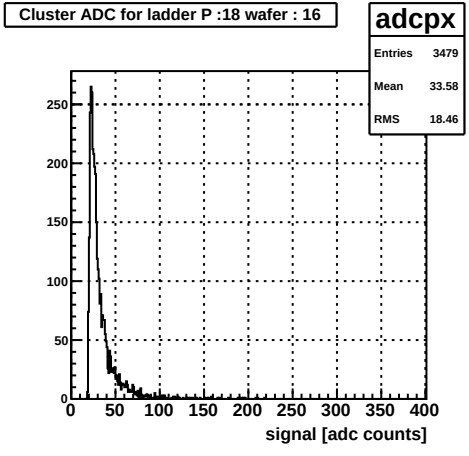

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 8947
Mean 28.76
RMS 19.65
signal [adc counts]

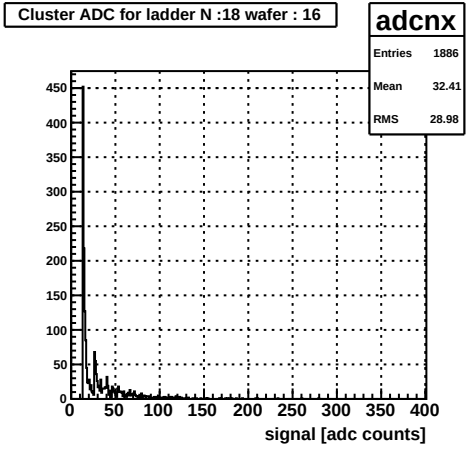

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 32
Mean 48.41
RMS 54.33
signal [adc counts]

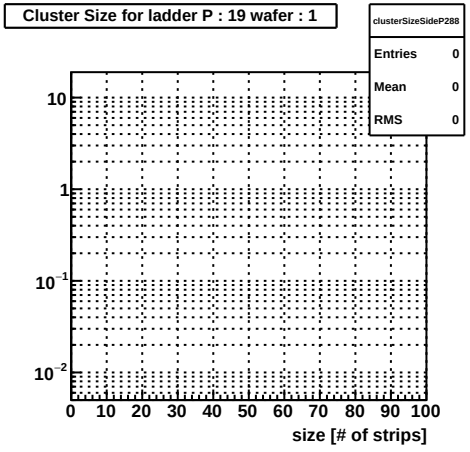

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 3479
Mean 1.104
RMS 0.3642
size [# of strips]

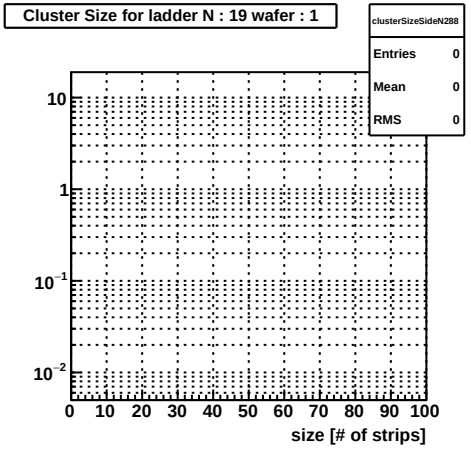

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 1886
Mean 2.087
RMS 1.678
size [# of strips]

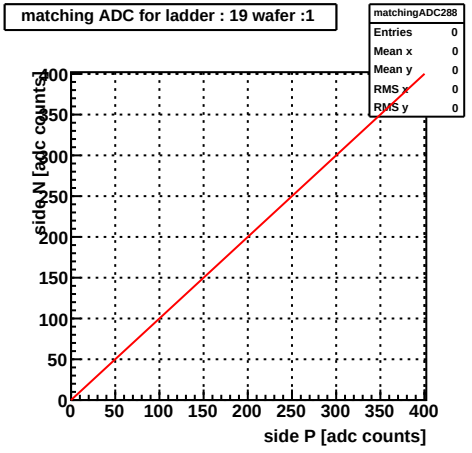

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 100
Mean x 49.74
Mean y 43.98
RMS x 40.86
RMS y 51.7
side N [adc counts]
side P [adc counts]

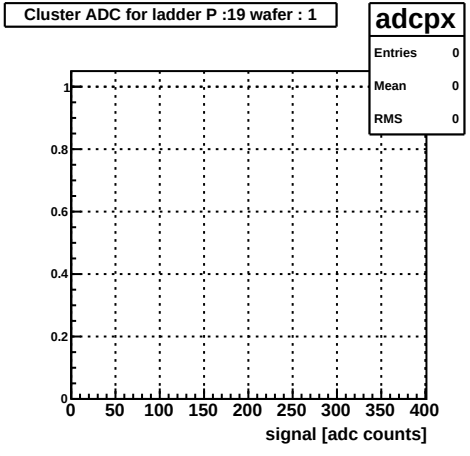

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 3479
Mean 33.58
RMS 18.46
signal [adc counts]

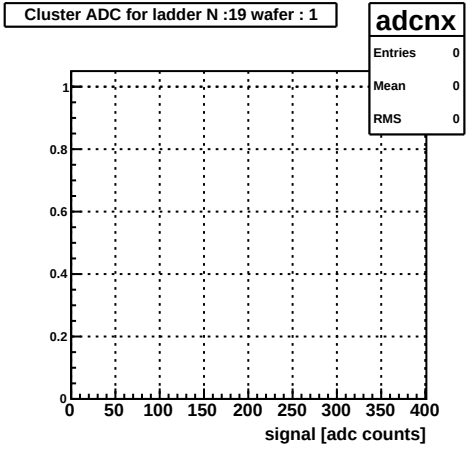

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 1886
Mean 32.41
RMS 28.98
signal [adc counts]

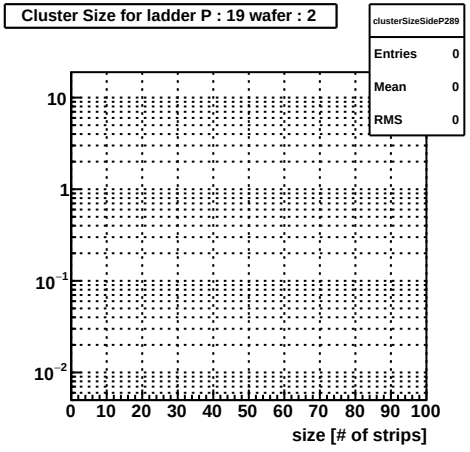

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

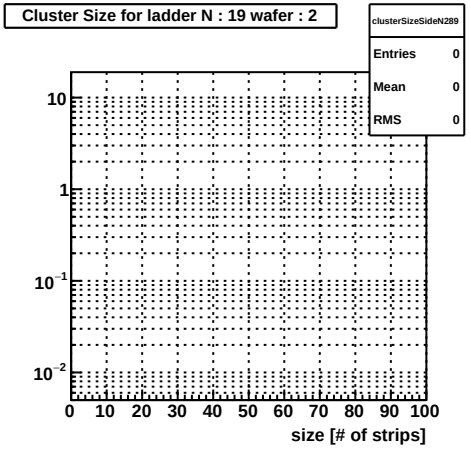

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

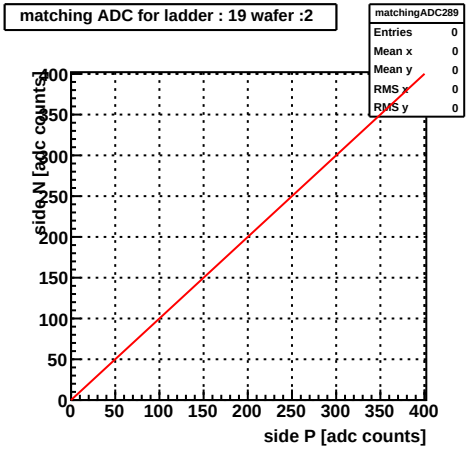

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

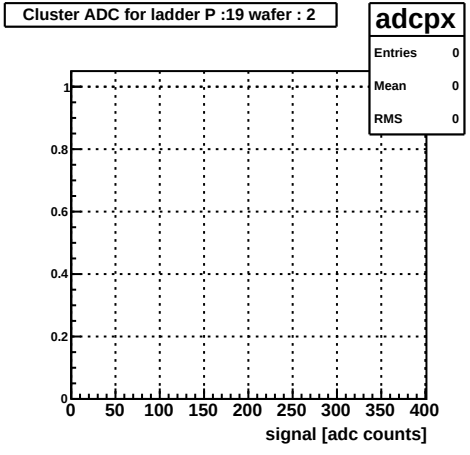

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

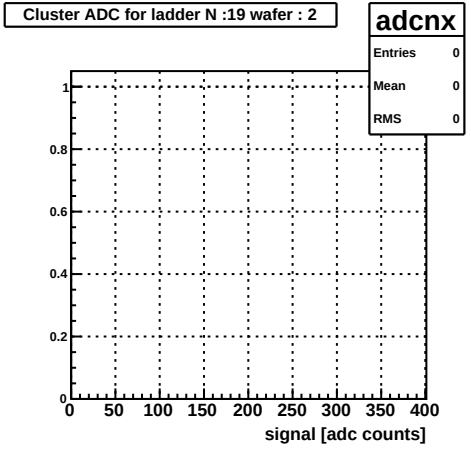

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

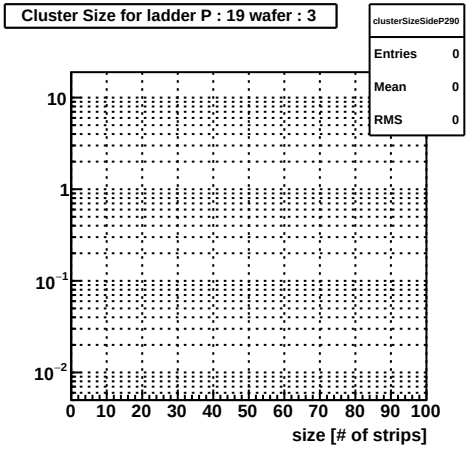

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

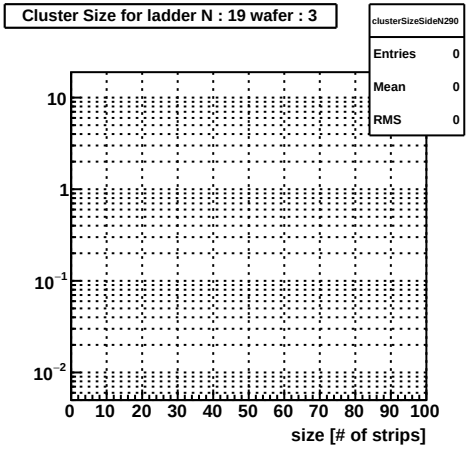

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

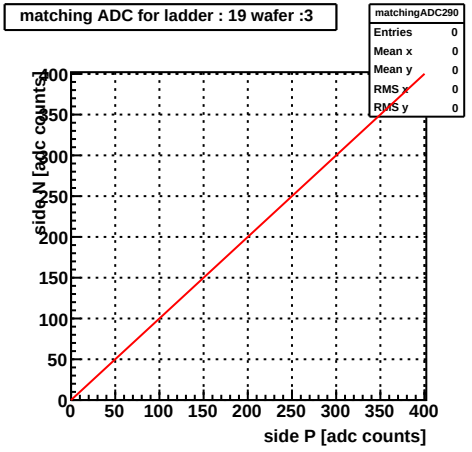

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

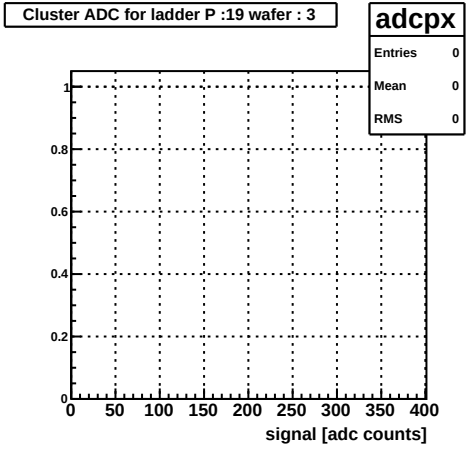

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

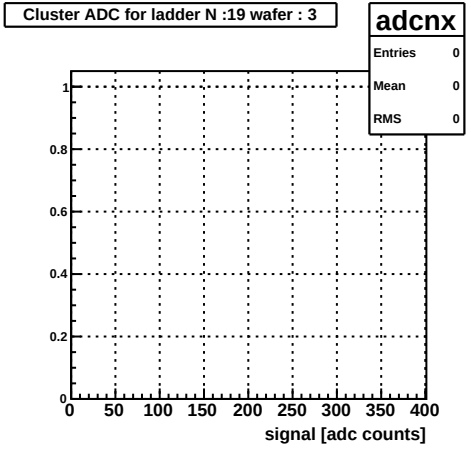

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

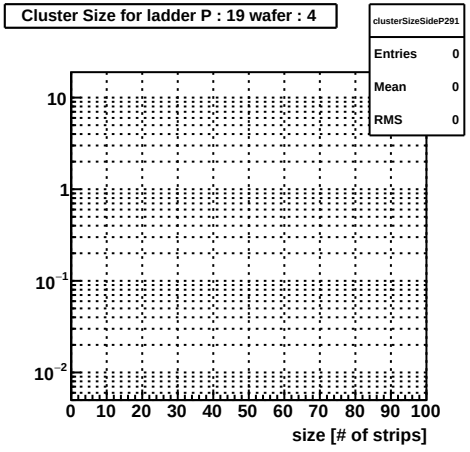

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

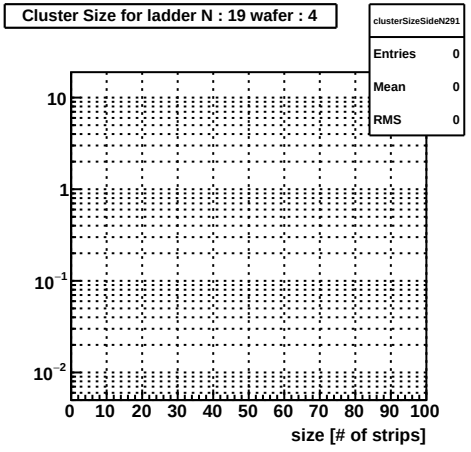

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

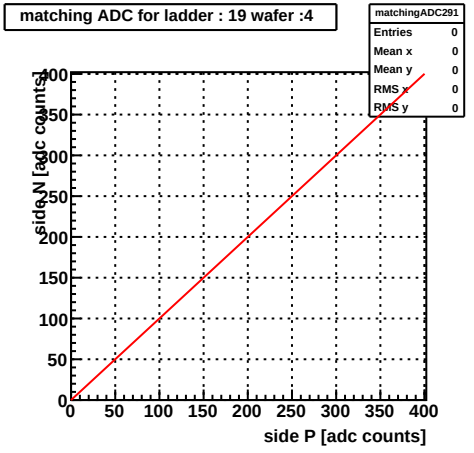

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

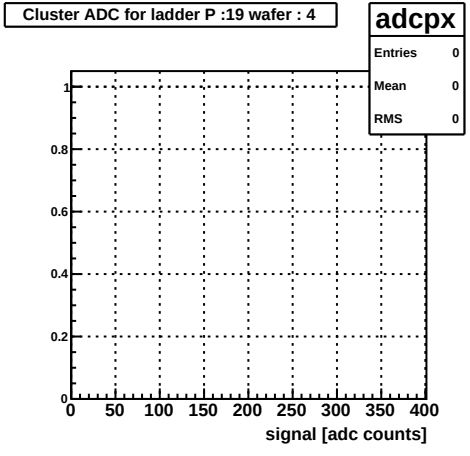

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

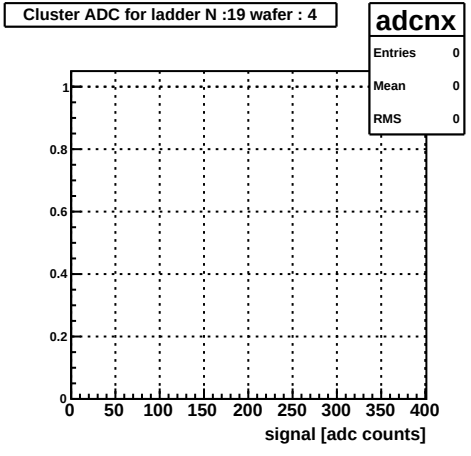

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

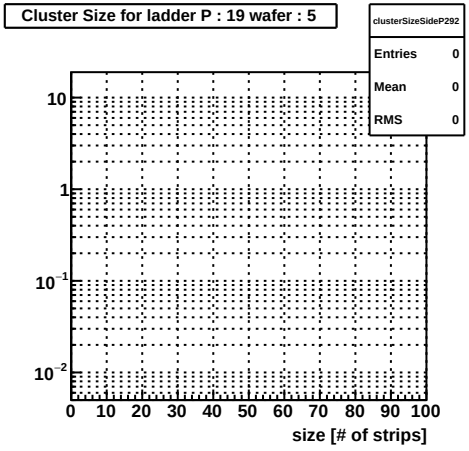

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

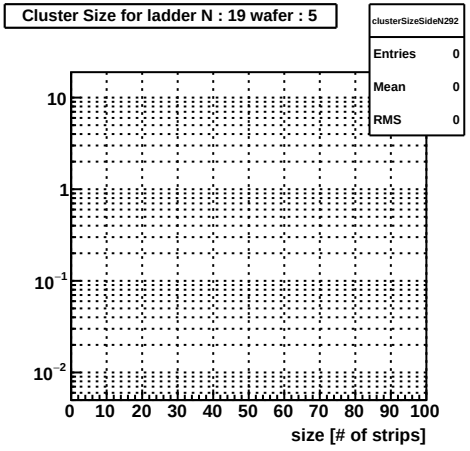

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

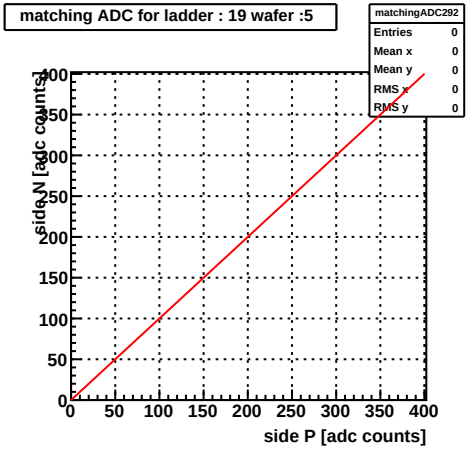

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

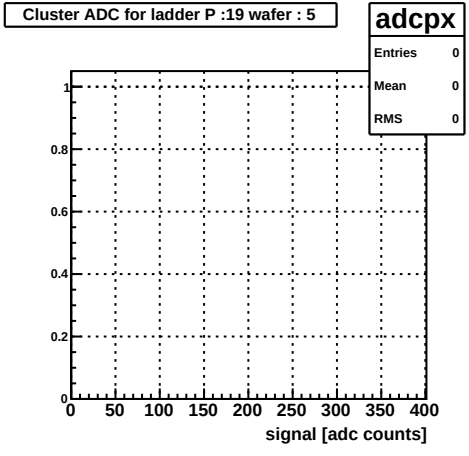

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

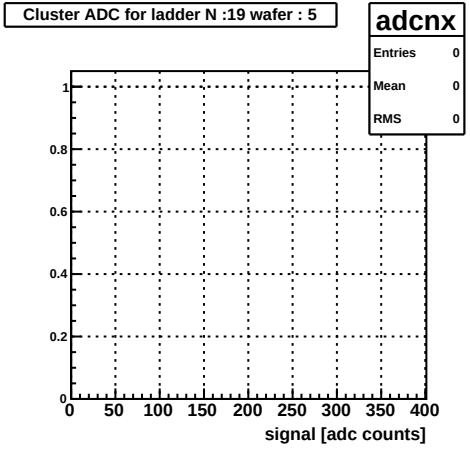

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

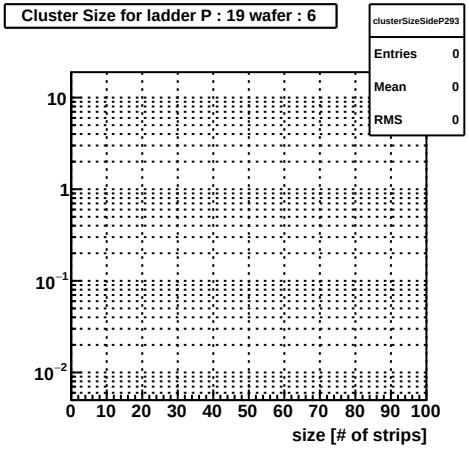

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

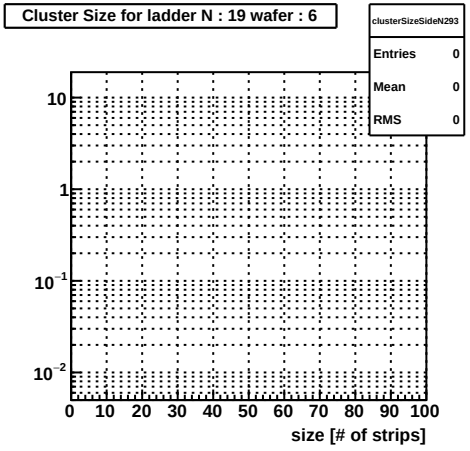

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

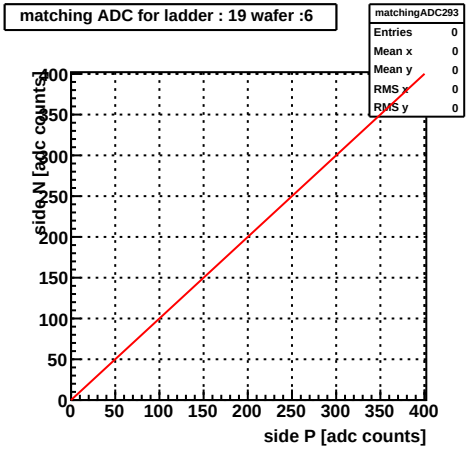

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

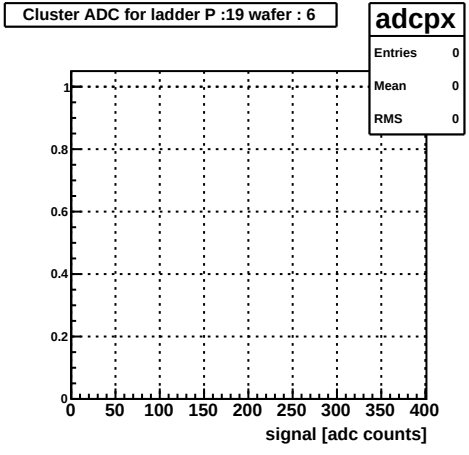

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

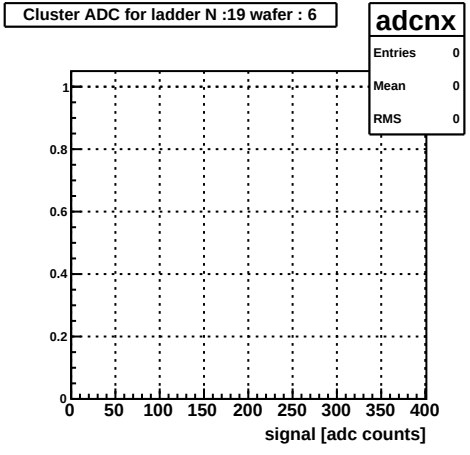

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

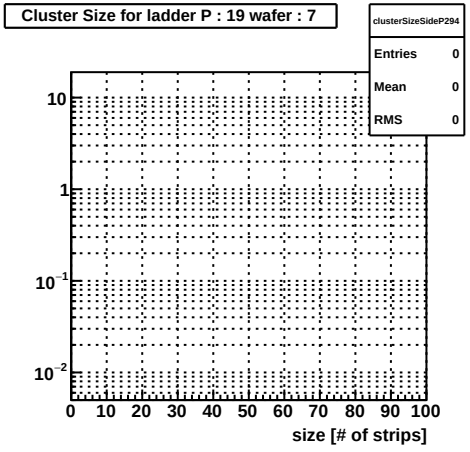

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

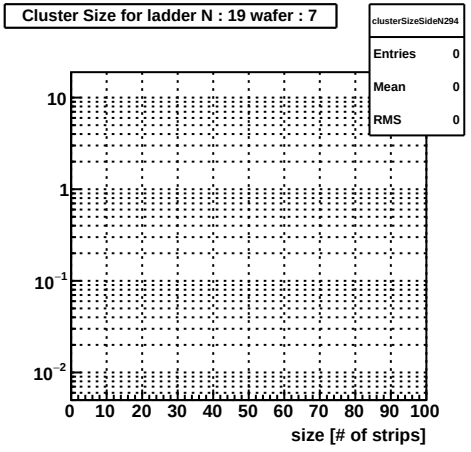

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

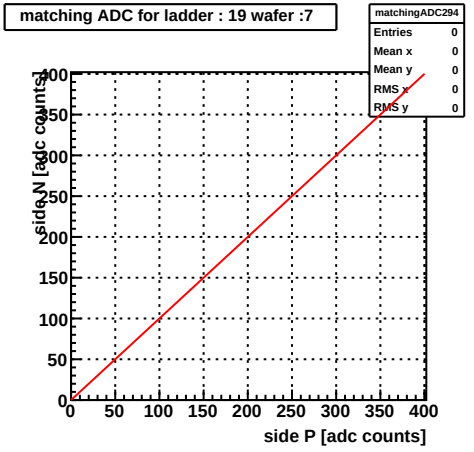

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

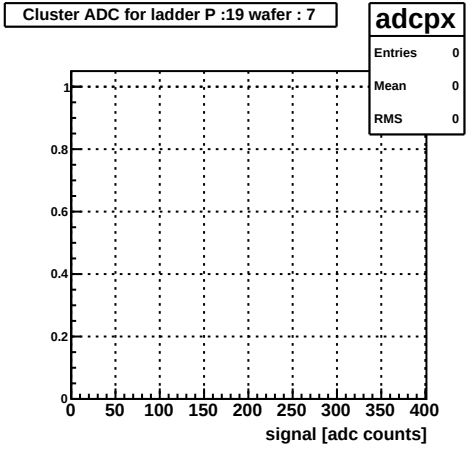

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

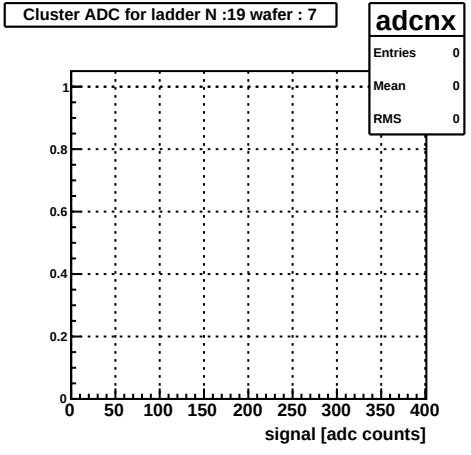

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

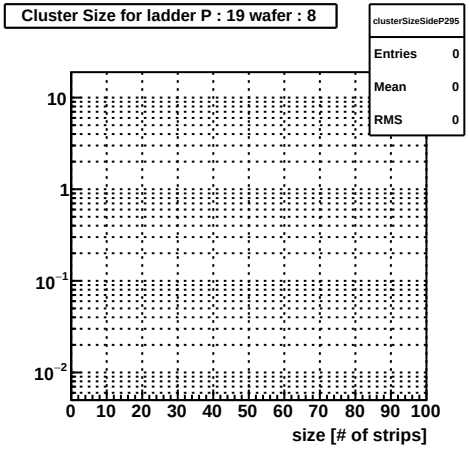

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

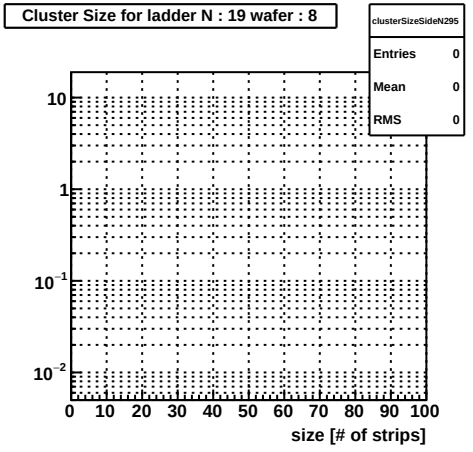

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

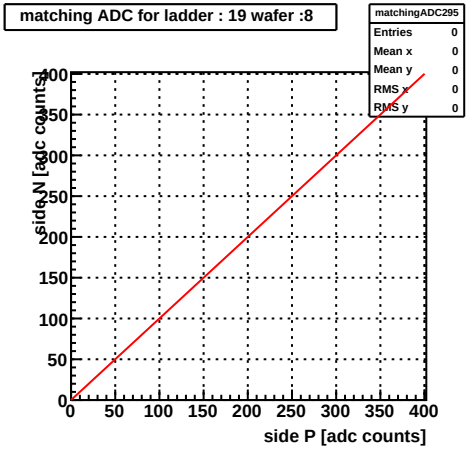

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

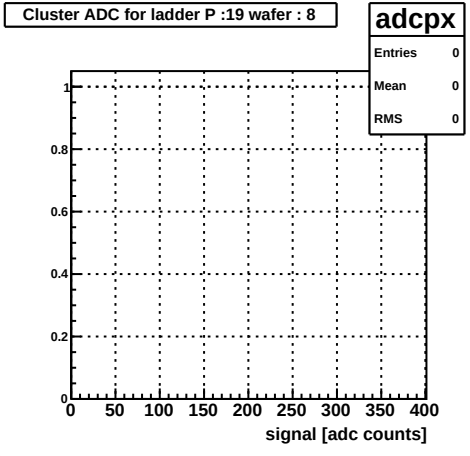

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

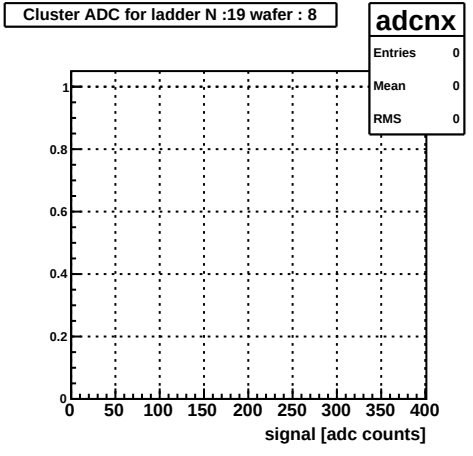

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

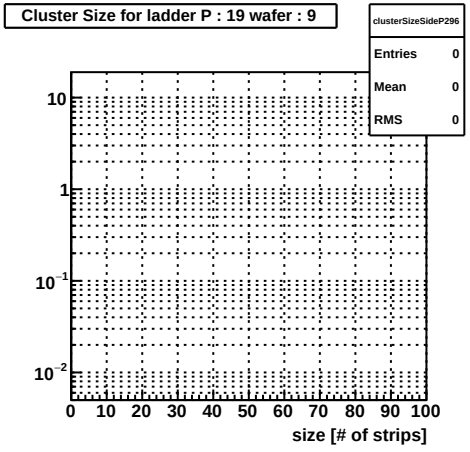

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

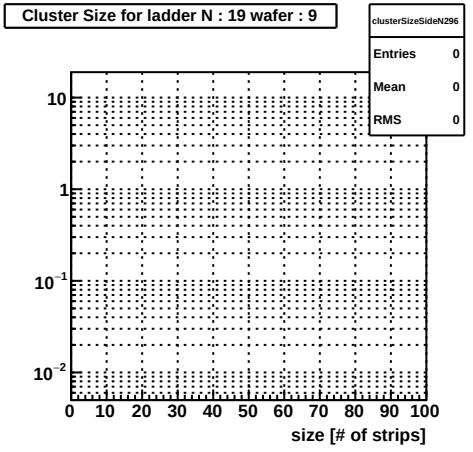

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

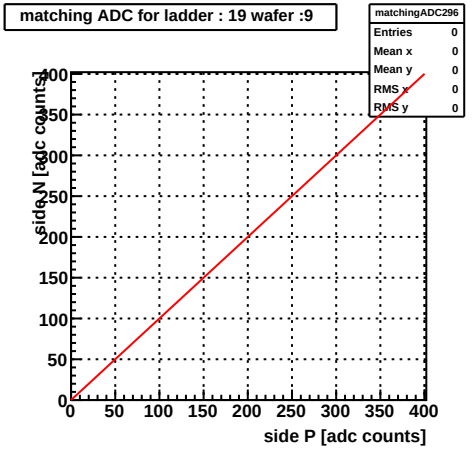

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

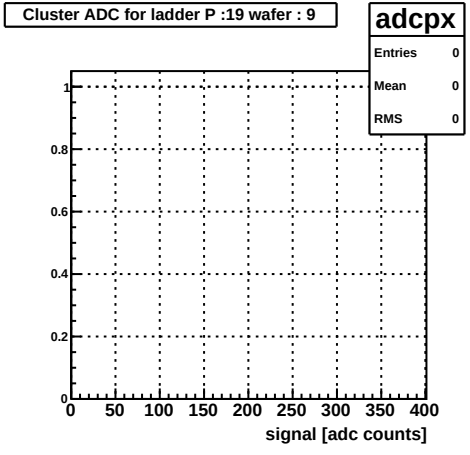

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

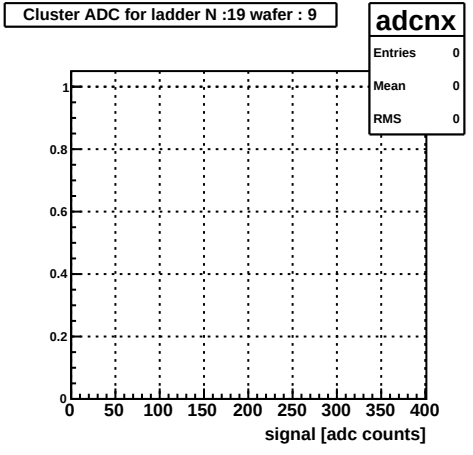

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

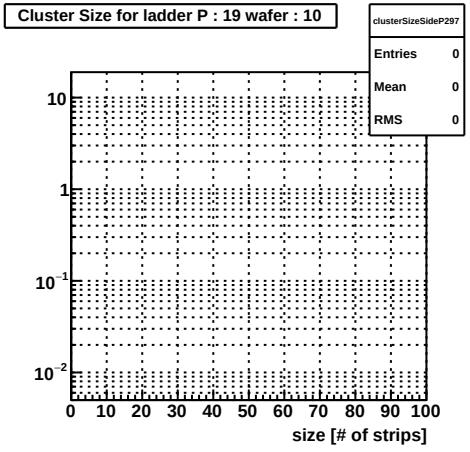

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

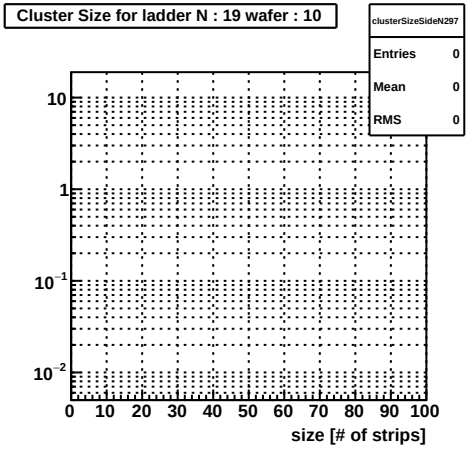

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

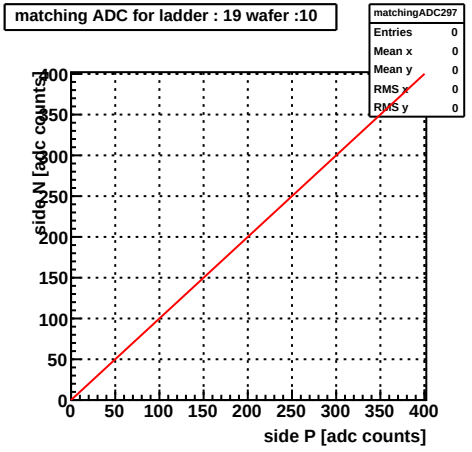

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

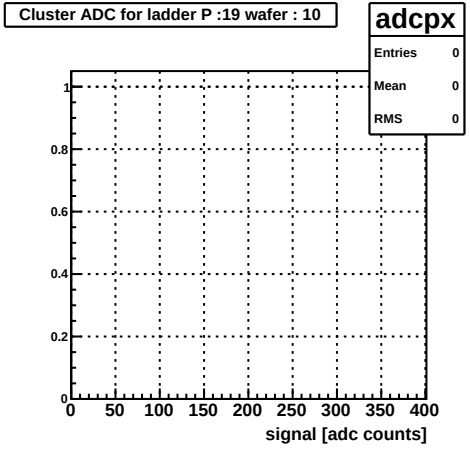

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

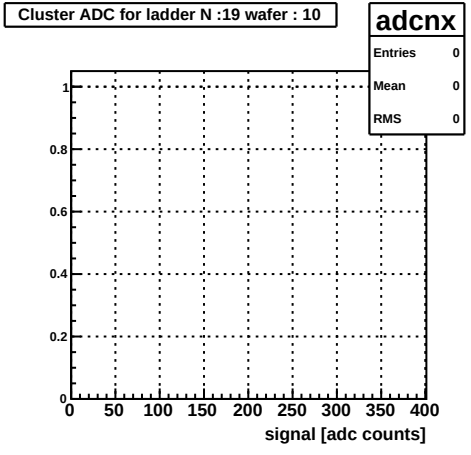

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

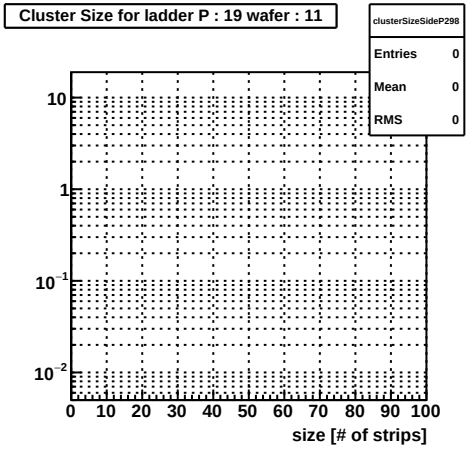

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

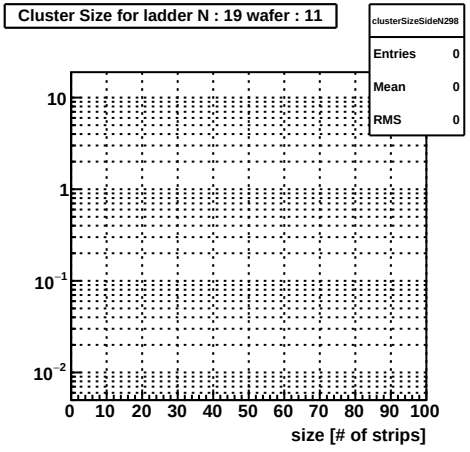

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

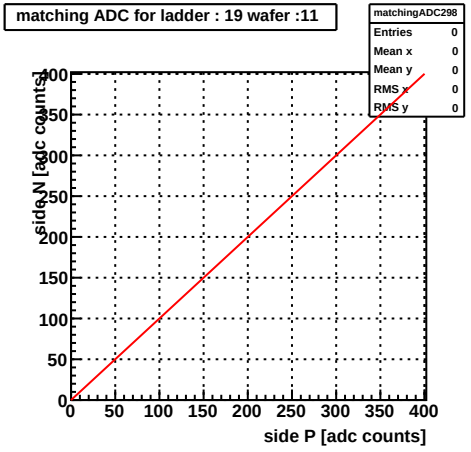

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

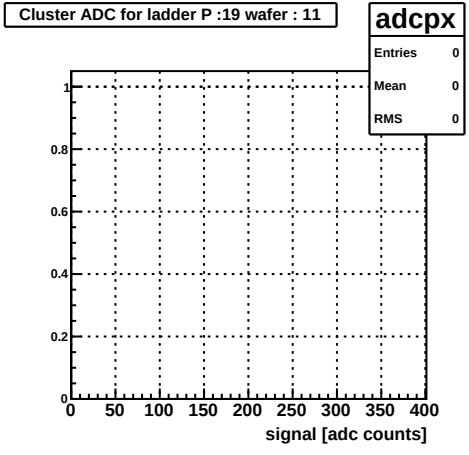

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

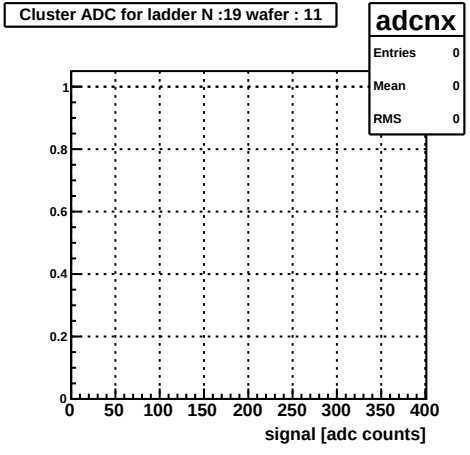

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

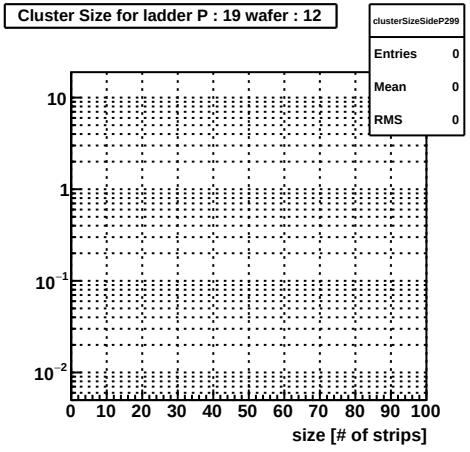

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

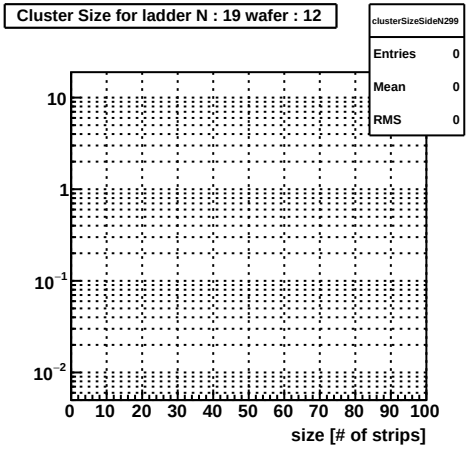

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

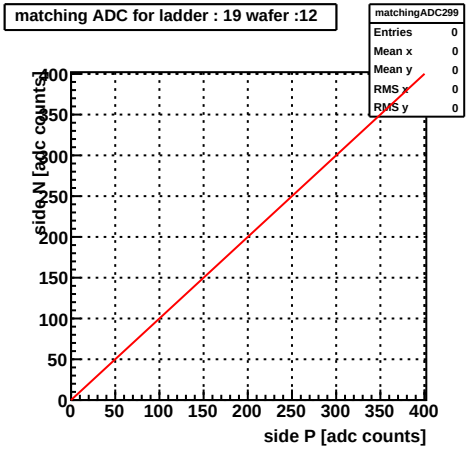

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

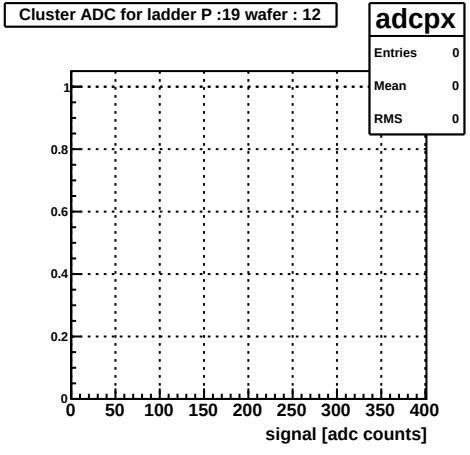

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

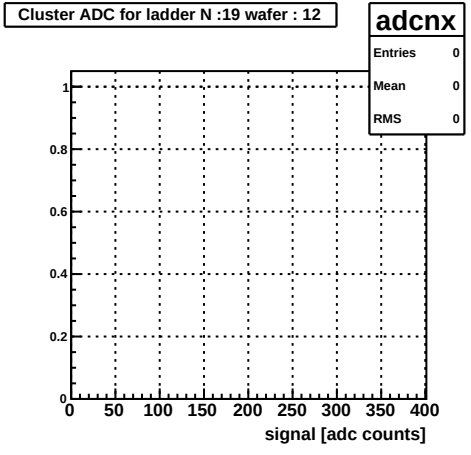

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

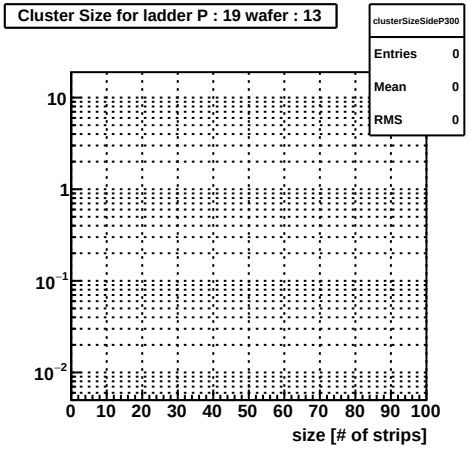

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

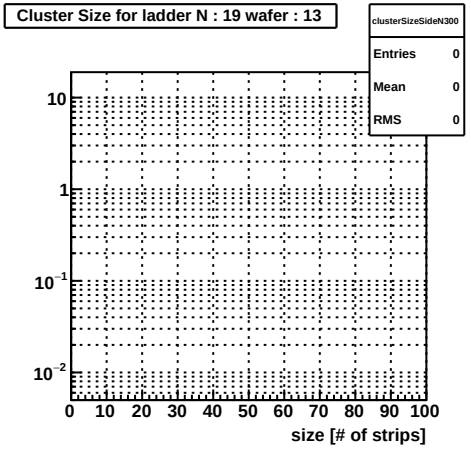

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

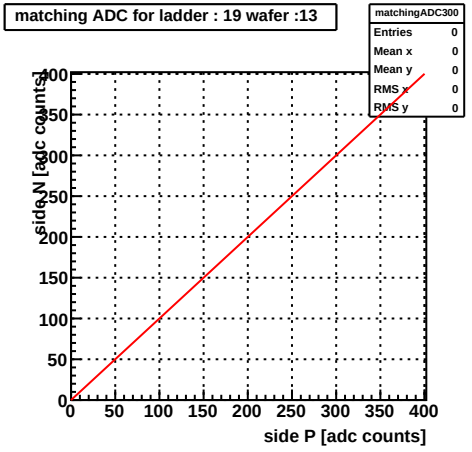

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

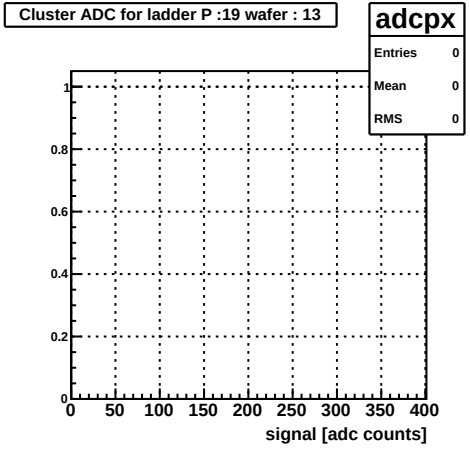

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

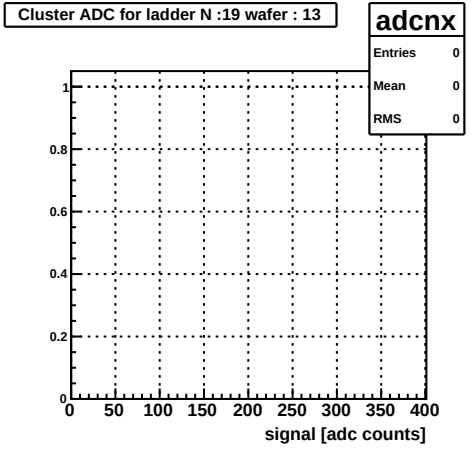

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

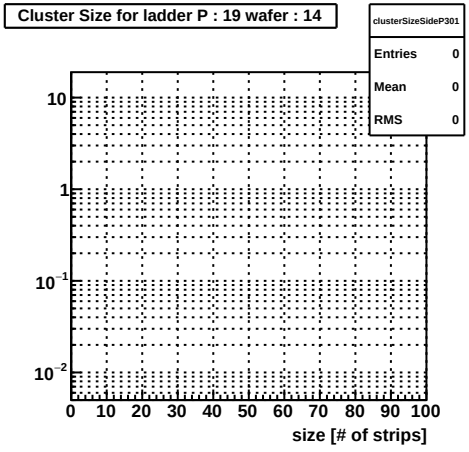

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

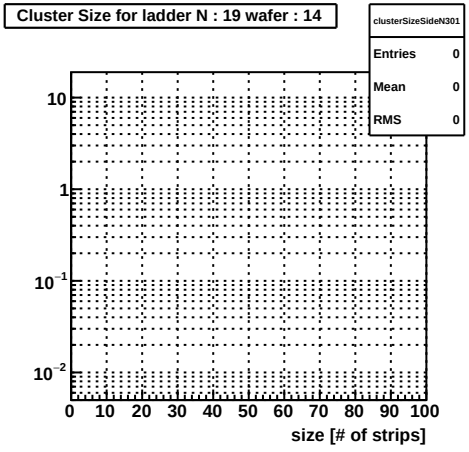

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

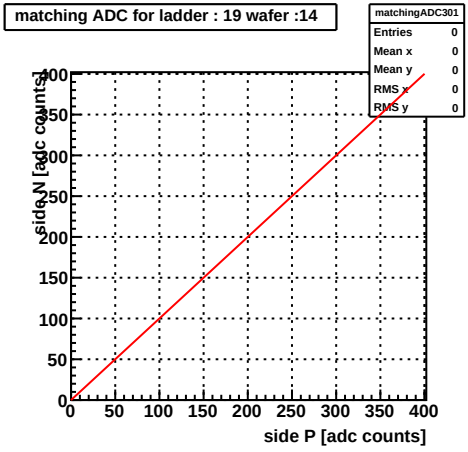

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

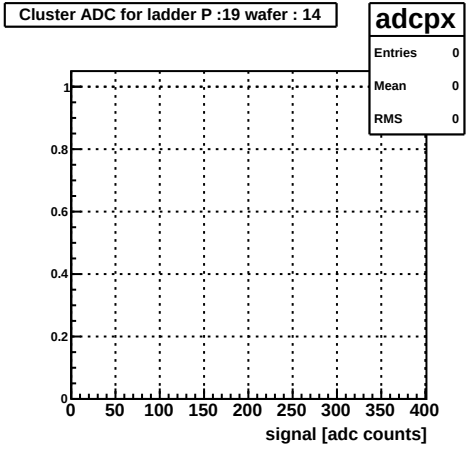

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

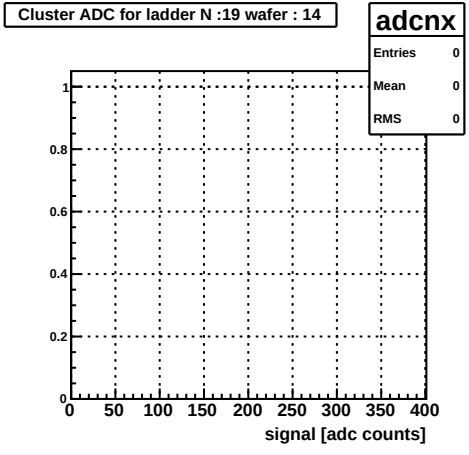

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

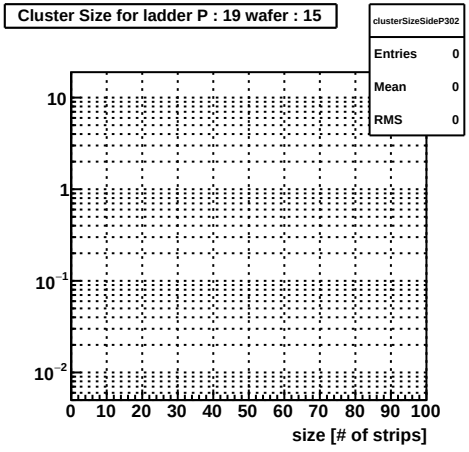

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

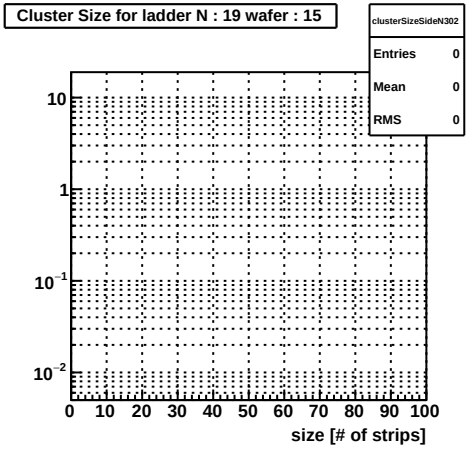

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

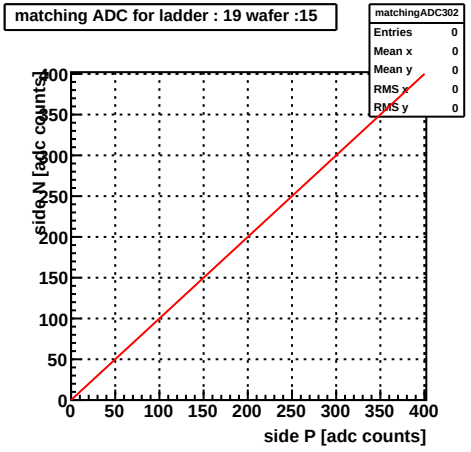

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

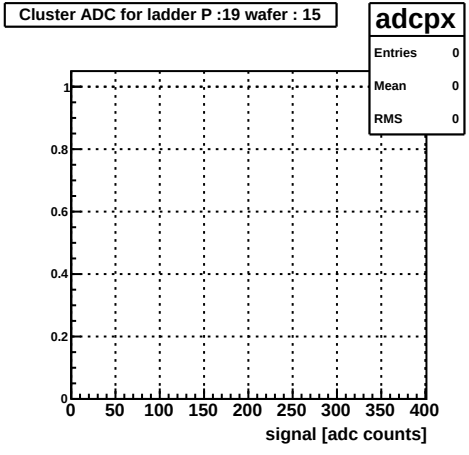

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

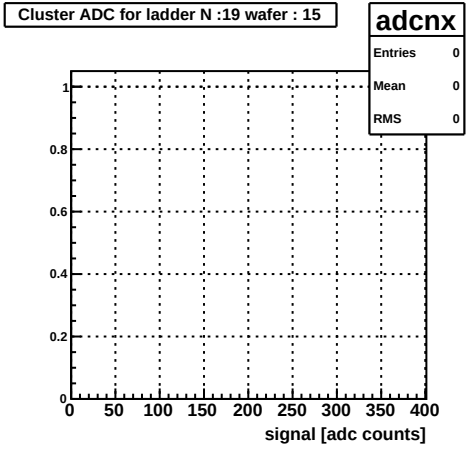

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

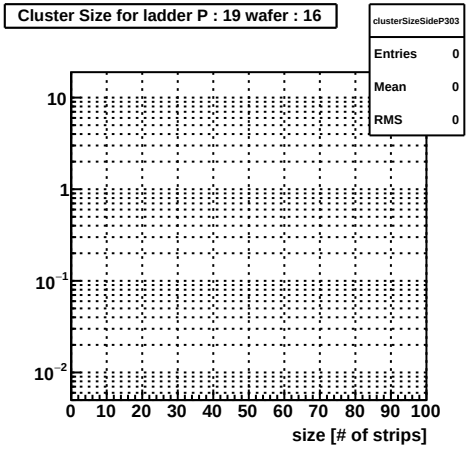

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

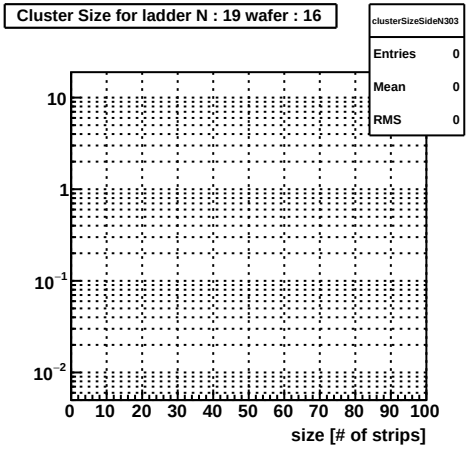

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

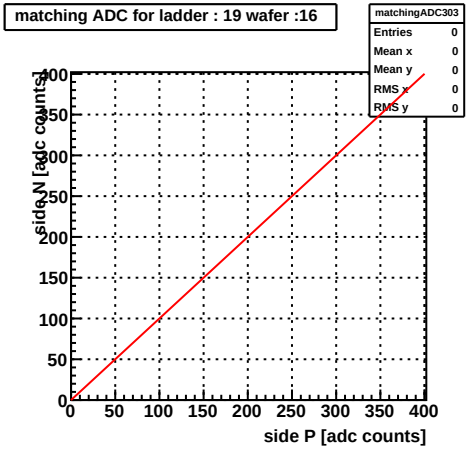

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

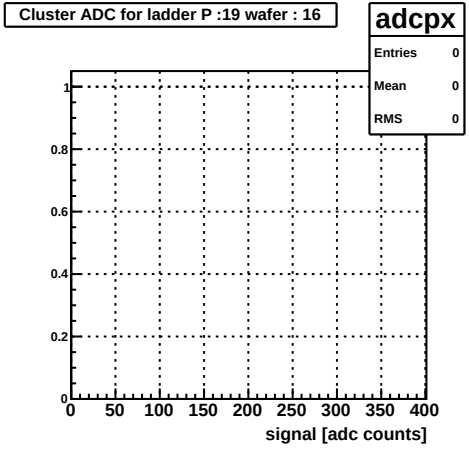

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

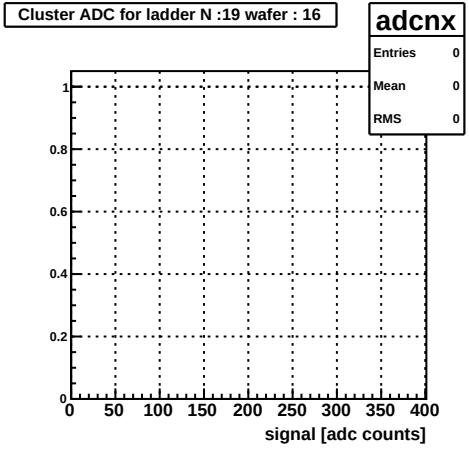

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

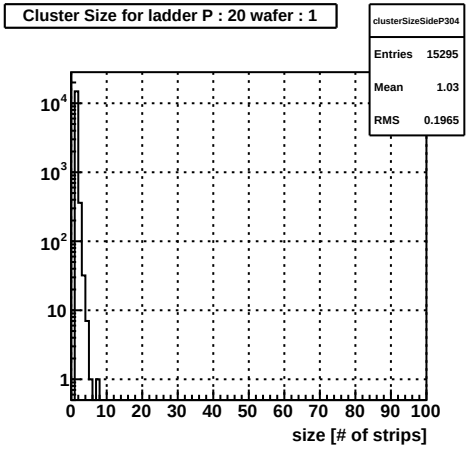

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

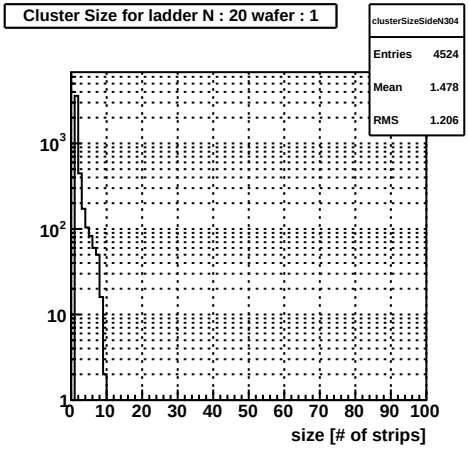

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

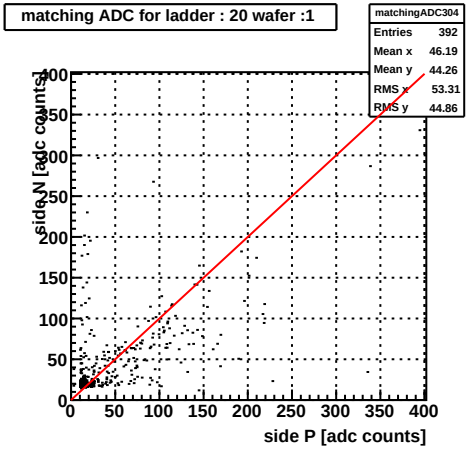

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

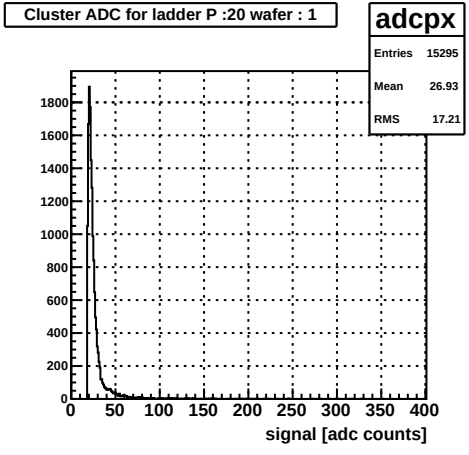

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

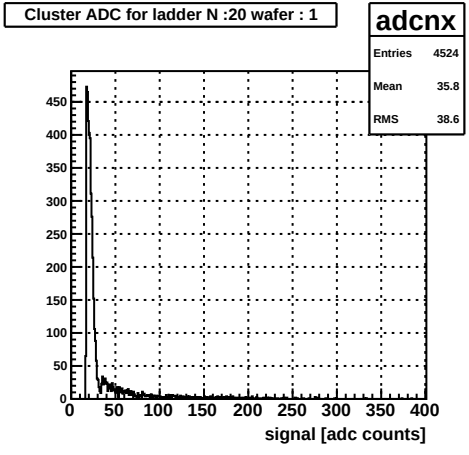

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

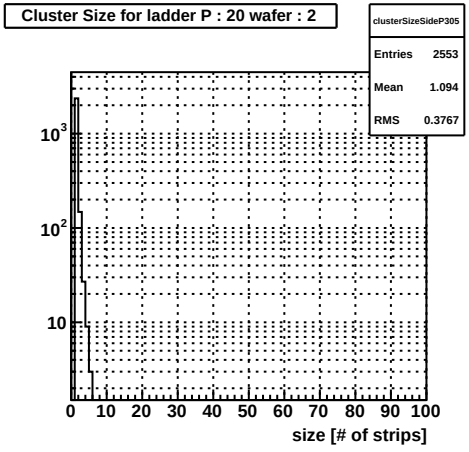

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 15295
Mean 1.03
RMS 0.1965
size [# of strips]

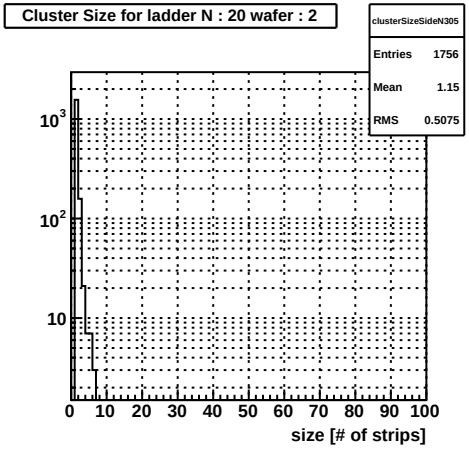

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 4524
Mean 1.478
RMS 1.206
size [# of strips]

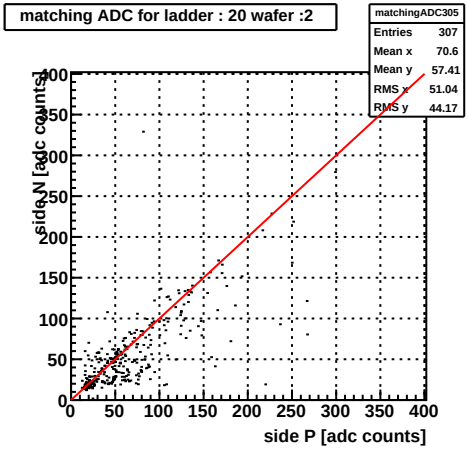

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 392
Mean x 46.19
Mean y 44.26
RMS x 53.31
RMS y 44.86
side N [adc counts]
side P [adc counts]

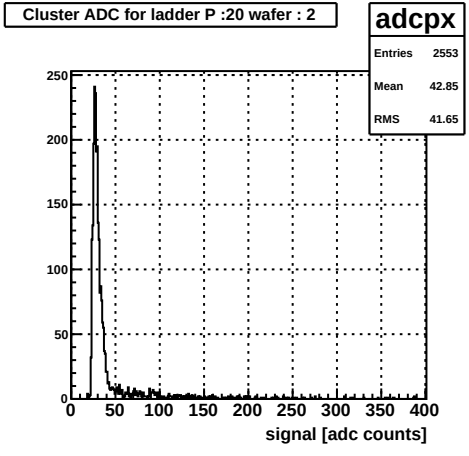

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 15295
Mean 26.93
RMS 17.21
signal [adc counts]

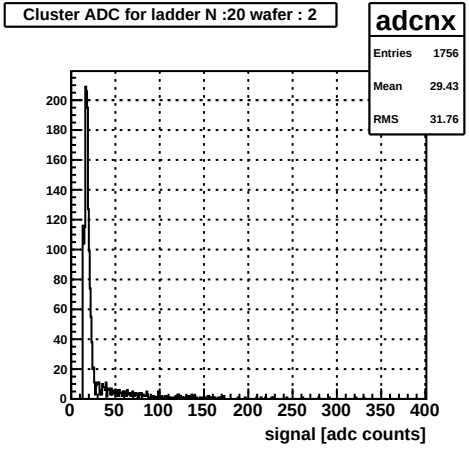

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 4524
Mean 35.8
RMS 38.6
signal [adc counts]

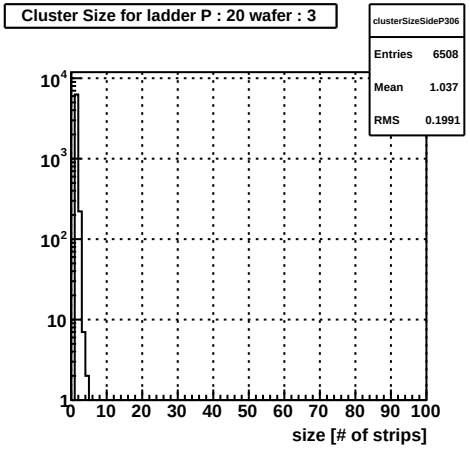

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2553
Mean 1.094
RMS 0.3767
size [# of strips]

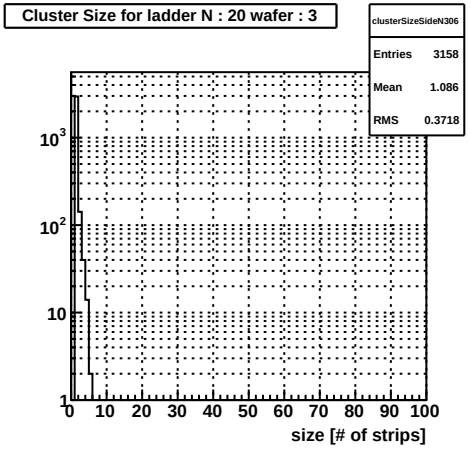

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 1756
Mean 1.15
RMS 0.5075
size [# of strips]

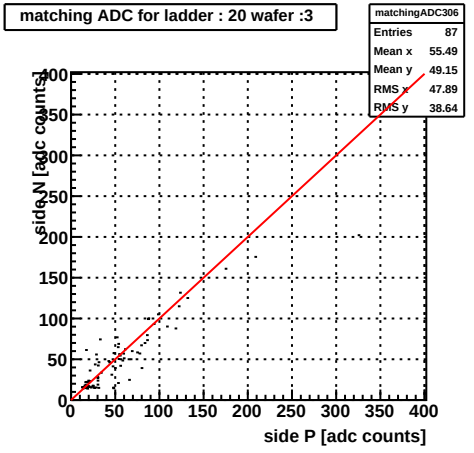

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 307
Mean x 70.6
Mean y 57.41
RMS x 51.04
RMS y 44.17
side N [adc counts]
side P [adc counts]

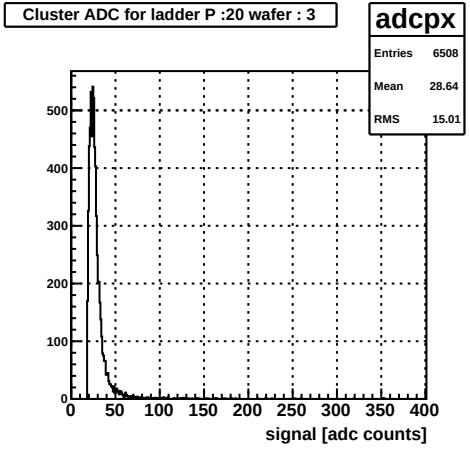

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2553
Mean 42.85
RMS 41.65
signal [adc counts]

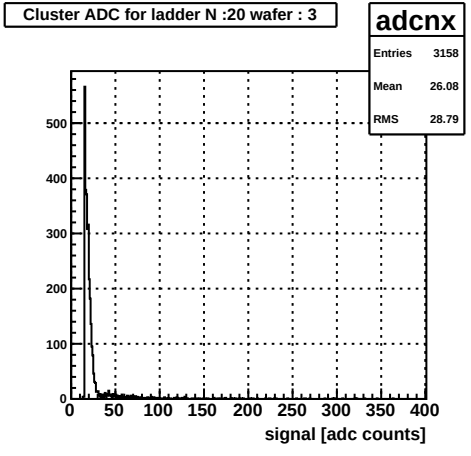

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 1756
Mean 29.43
RMS 31.76
signal [adc counts]

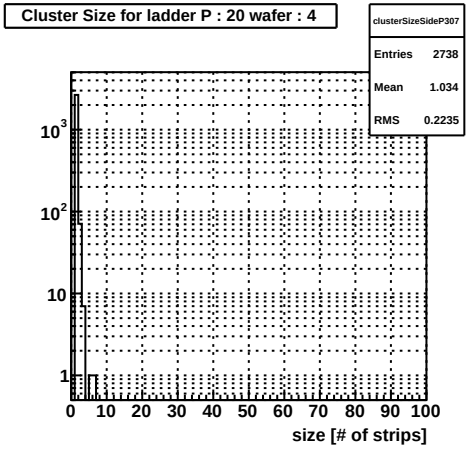

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 6508
Mean 1.037
RMS 0.1991
size [# of strips]

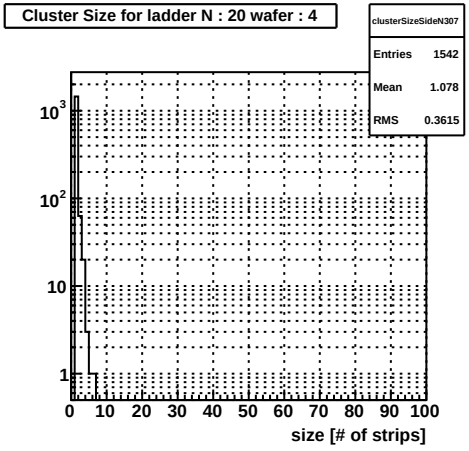

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 3158
Mean 1.086
RMS 0.3718
size [# of strips]

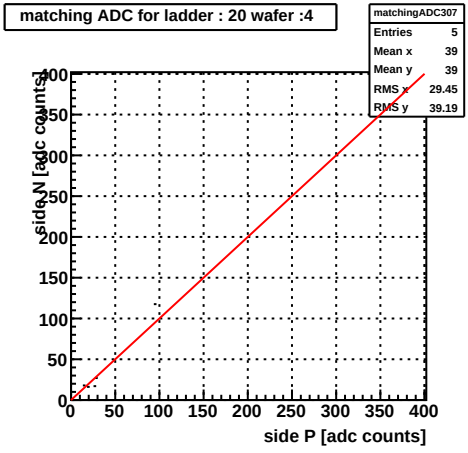

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 87
Mean x 55.49
Mean y 49.15
RMS x 47.89
RMS y 38.64
side N [adc counts]
side P [adc counts]

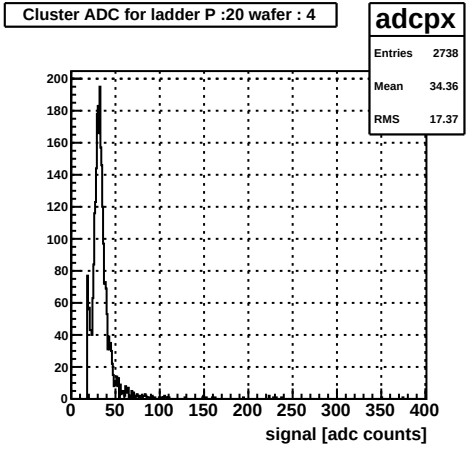

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 6508
Mean 28.64
RMS 15.01
signal [adc counts]

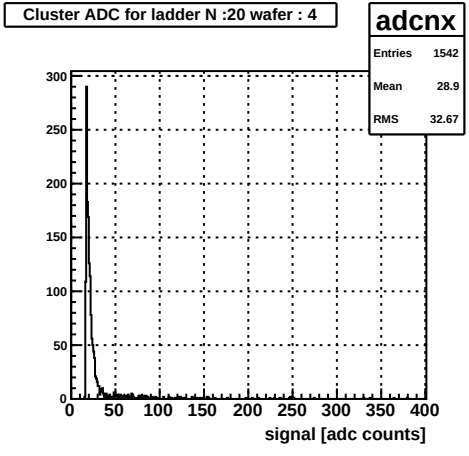

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 3158
Mean 26.08
RMS 28.79
signal [adc counts]

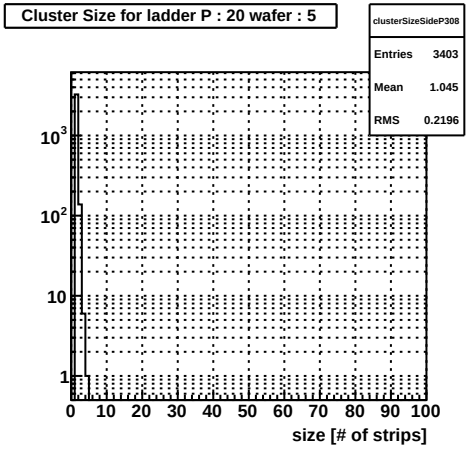

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 2738
Mean 1.034
RMS 0.2235
size [# of strips]

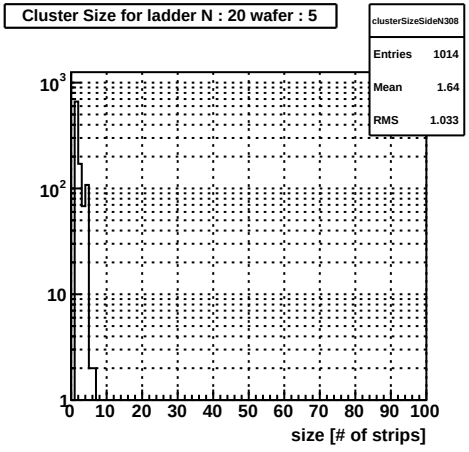

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 1542
Mean 1.078
RMS 0.3615
size [# of strips]

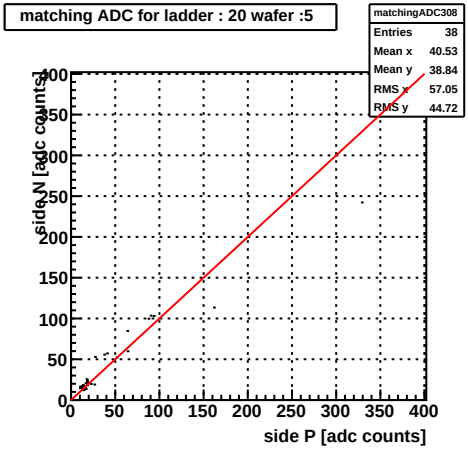

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 5
Mean x 39
Mean y 39
RMS x 29.45
RMS y 39.19
side N [adc counts]
side P [adc counts]

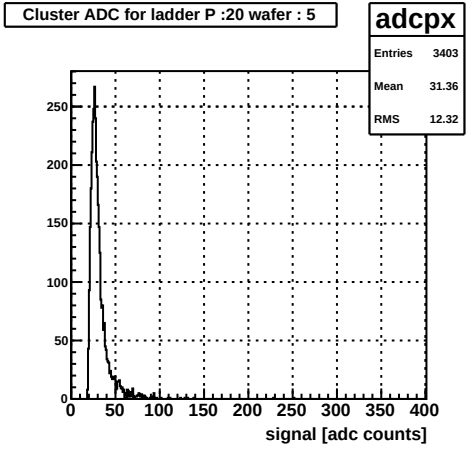

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 2738
Mean 34.36
RMS 17.37
signal [adc counts]

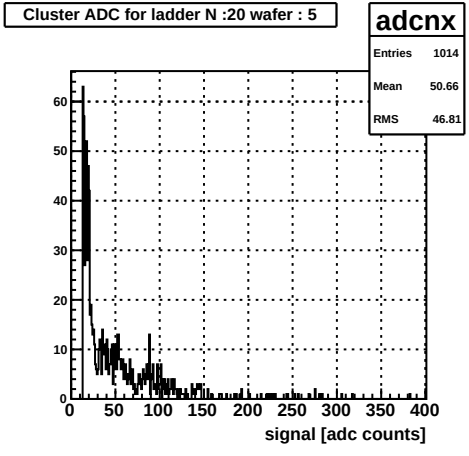

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 1542
Mean 28.9
RMS 32.67
signal [adc counts]

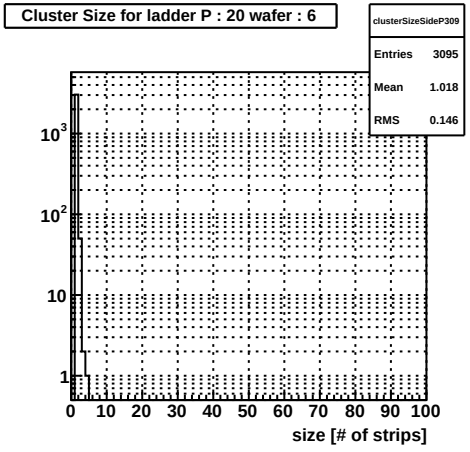

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 3403
Mean 1.045
RMS 0.2196
size [# of strips]

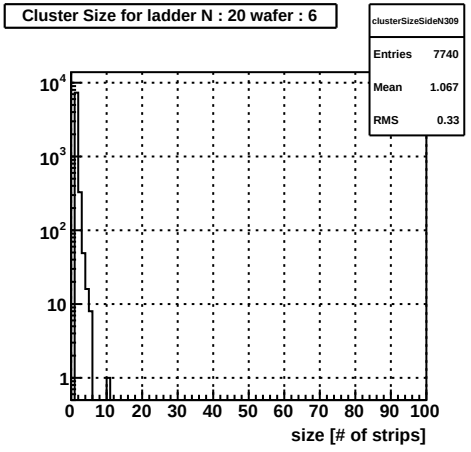

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 1014
Mean 1.64
RMS 1.033
size [# of strips]

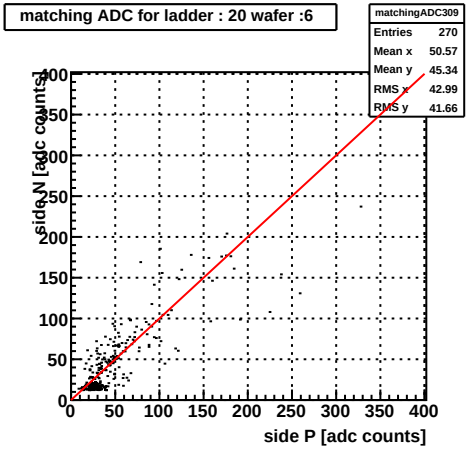

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 38
Mean x 40.53
Mean y 38.84
RMS x 57.05
RMS y 44.72
side N [adc counts]
side P [adc counts]

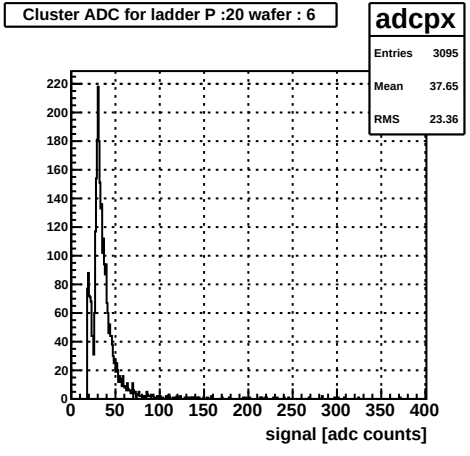

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 3403
Mean 31.36
RMS 12.32
signal [adc counts]

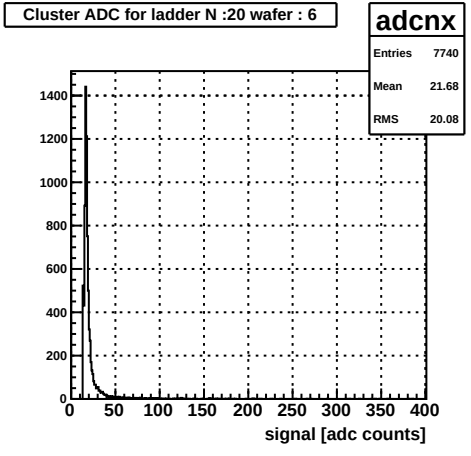

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 1014
Mean 50.66
RMS 46.81
signal [adc counts]

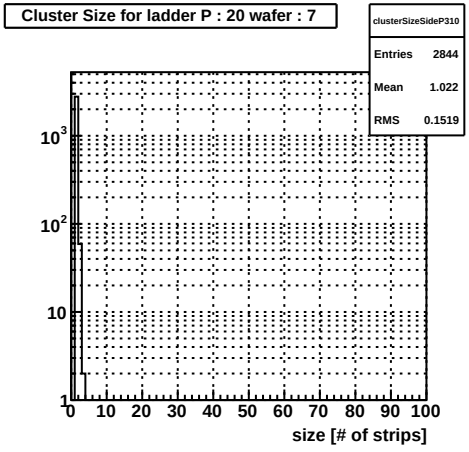

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 3095
Mean 1.018
RMS 0.146
size [# of strips]

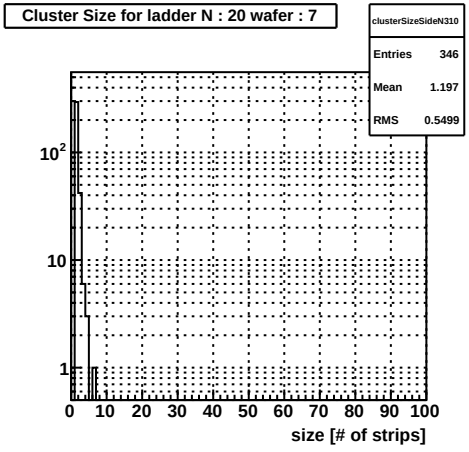

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 7740
Mean 1.067
RMS 0.33
size [# of strips]

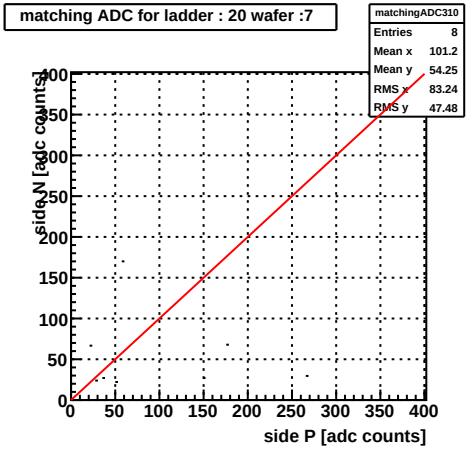

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 270
Mean x 50.57
Mean y 45.34
RMS x 42.99
RMS y 41.66
side N [adc counts]
side P [adc counts]

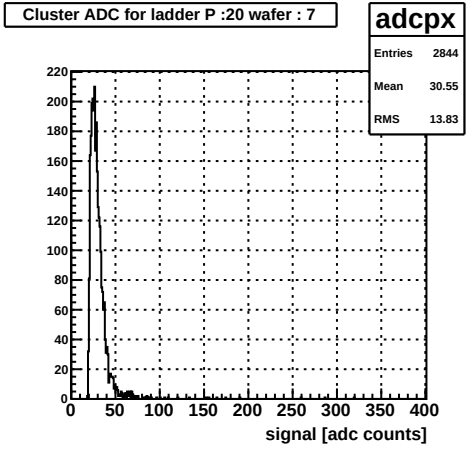

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 3095
Mean 37.65
RMS 23.36
signal [adc counts]

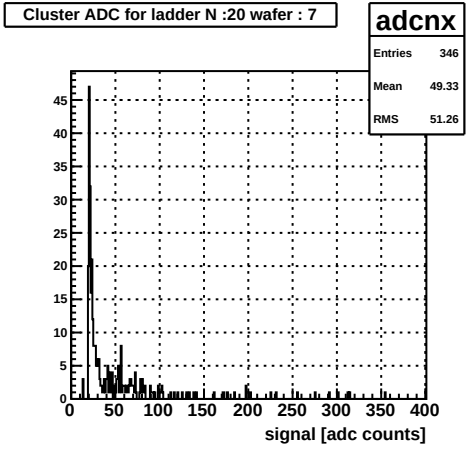

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 7740
Mean 21.68
RMS 20.08
signal [adc counts]

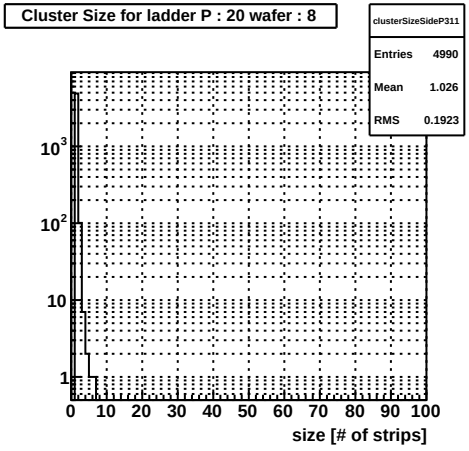

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 2844
Mean 1.022
RMS 0.1519
size [# of strips]

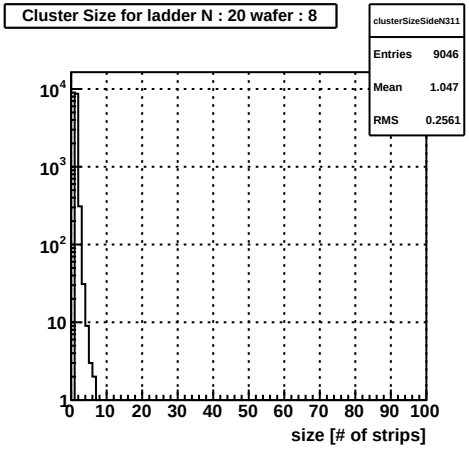

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 346
Mean 1.197
RMS 0.5499
size [# of strips]

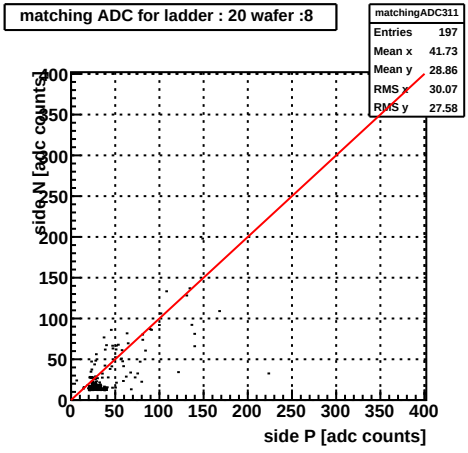

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 8
Mean x 101.2
Mean y 54.25
RMS x 83.24
RMS y 47.48
side N [adc counts]
side P [adc counts]

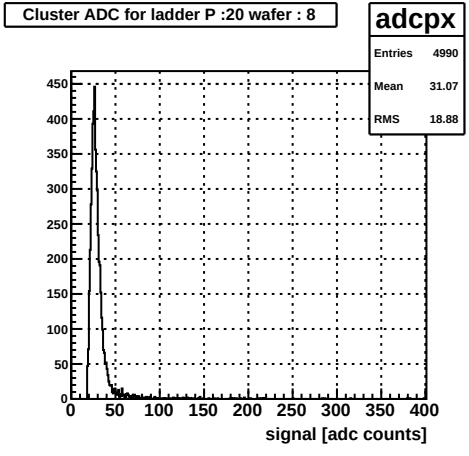

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 2844
Mean 30.55
RMS 13.83
signal [adc counts]

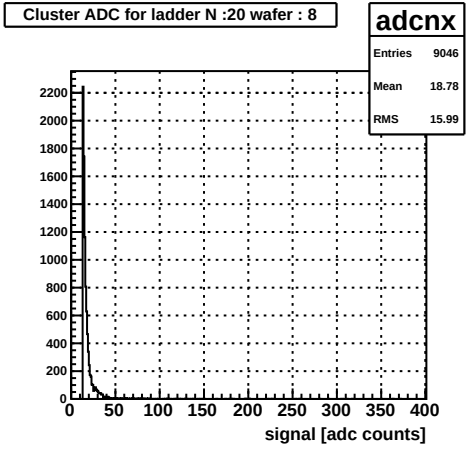

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 346
Mean 49.33
RMS 51.26
signal [adc counts]

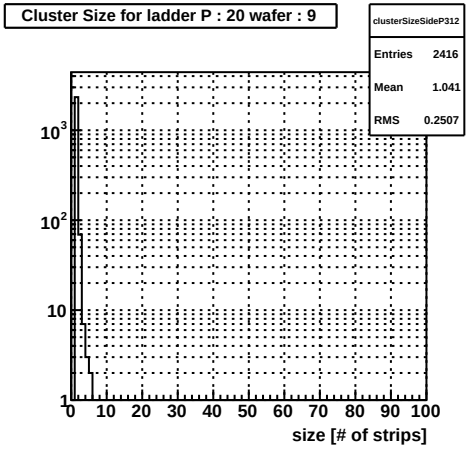

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 4990
Mean 1.026
RMS 0.1923
size [# of strips]

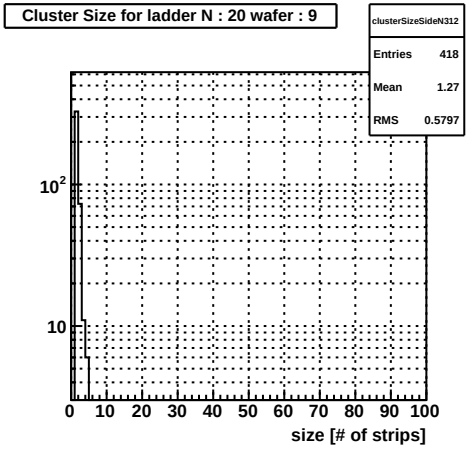

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 9046
Mean 1.047
RMS 0.2561
size [# of strips]

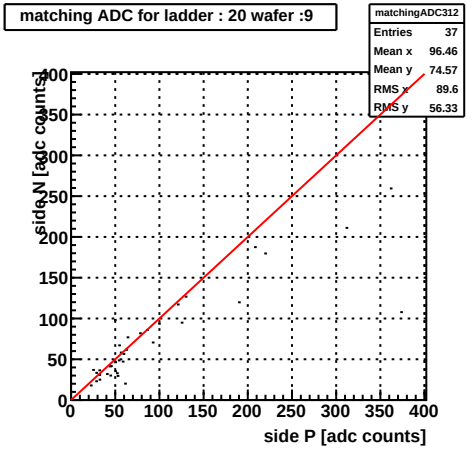

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 197
Mean x 41.73
Mean y 28.86
RMS x 30.07
RMS y 27.58
side N [adc counts]
side P [adc counts]

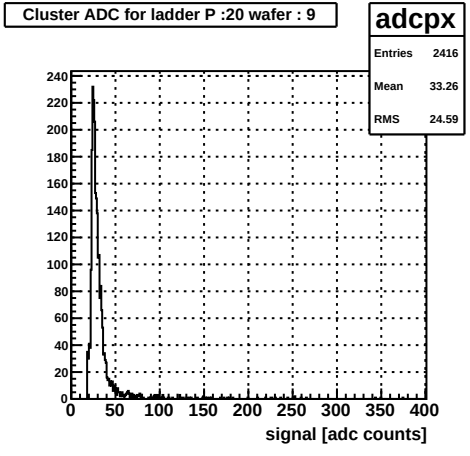

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 4990
Mean 31.07
RMS 18.88
signal [adc counts]

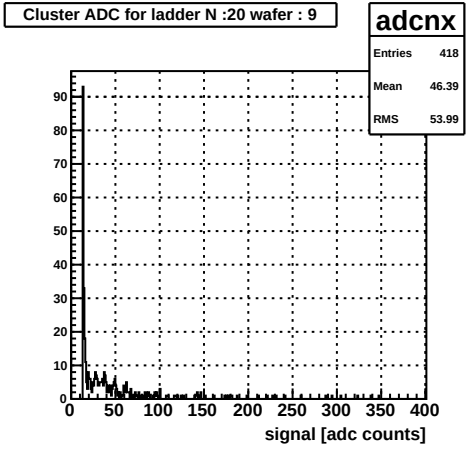

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 9046
Mean 18.78
RMS 15.99
signal [adc counts]

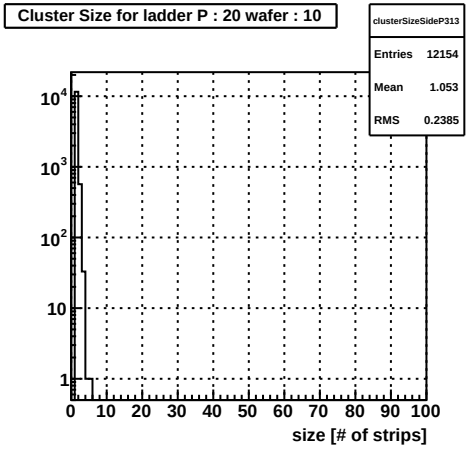

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 2416
Mean 1.041
RMS 0.2507
size [# of strips]

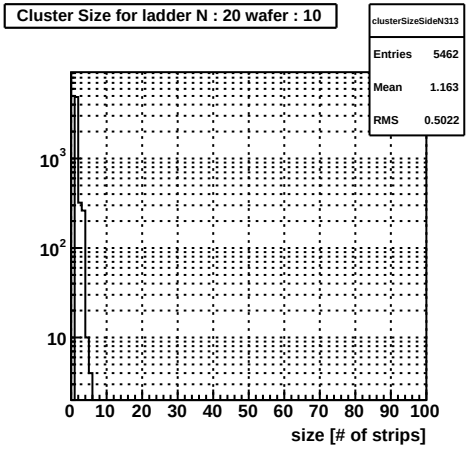

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 418
Mean 1.27
RMS 0.5797
size [# of strips]

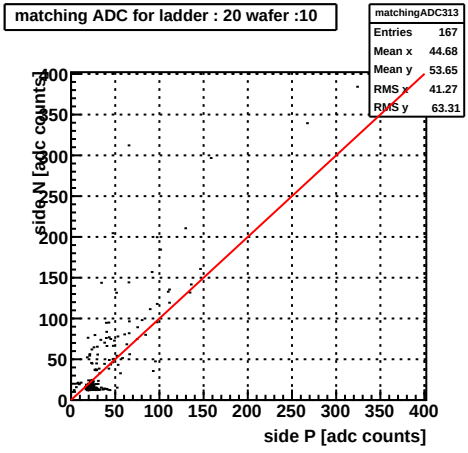

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 37
Mean x 96.46
Mean y 74.57
RMS x 89.6
RMS y 56.33
side N [adc counts]
side P [adc counts]

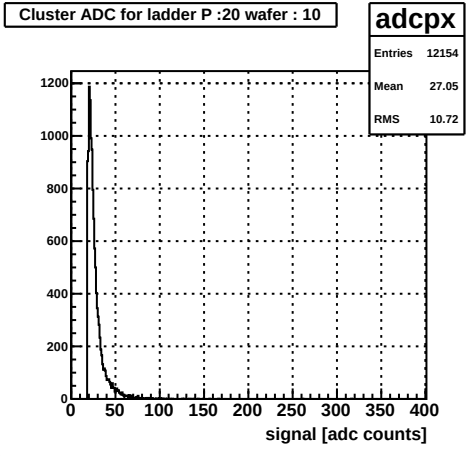

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 2416
Mean 33.26
RMS 24.59
signal [adc counts]

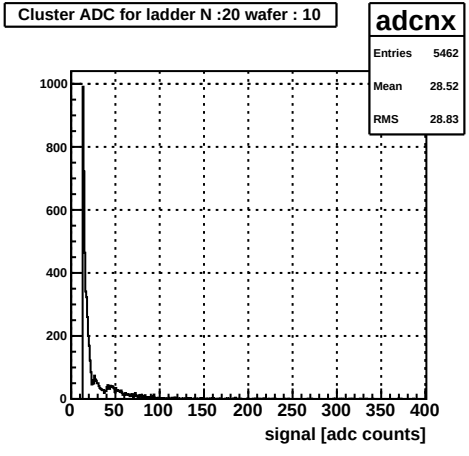

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 418
Mean 46.39
RMS 53.99
signal [adc counts]

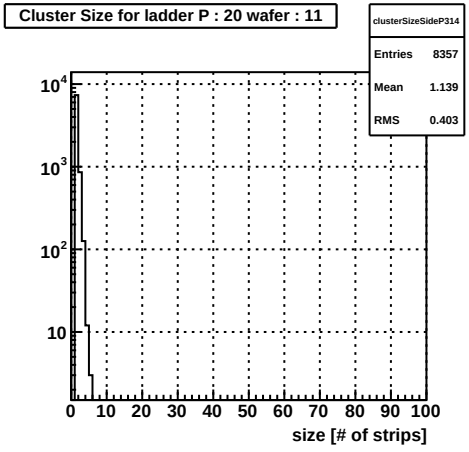

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 12154
Mean 1.053
RMS 0.2385
size [# of strips]

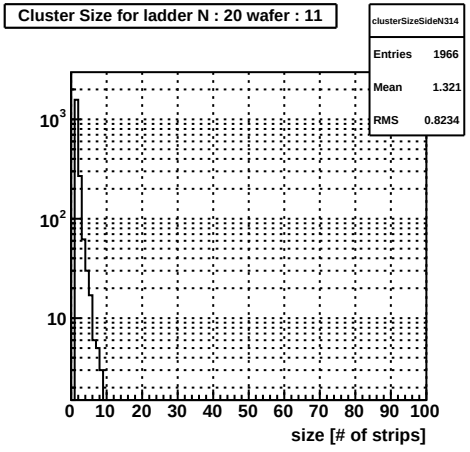

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 5462
Mean 1.163
RMS 0.5022
size [# of strips]

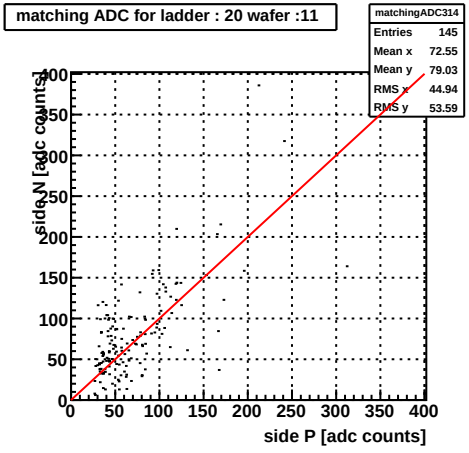

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 167
Mean x 44.68
Mean y 53.65
RMS x 41.27
RMS y 63.31
side N [adc counts]
side P [adc counts]

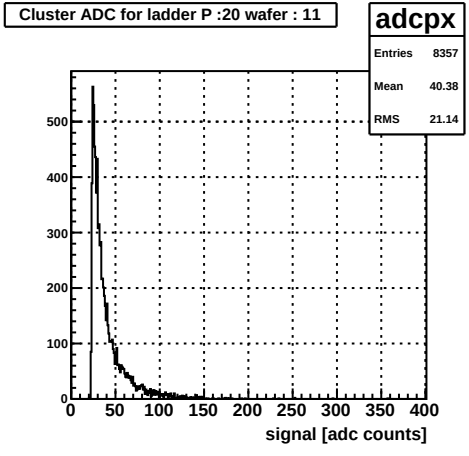

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 12154
Mean 27.05
RMS 10.72
signal [adc counts]

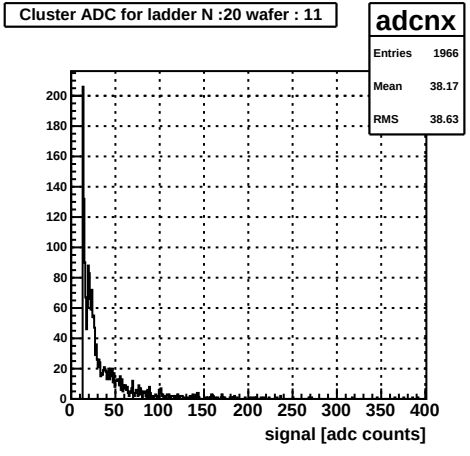

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 5462
Mean 28.52
RMS 28.83
signal [adc counts]

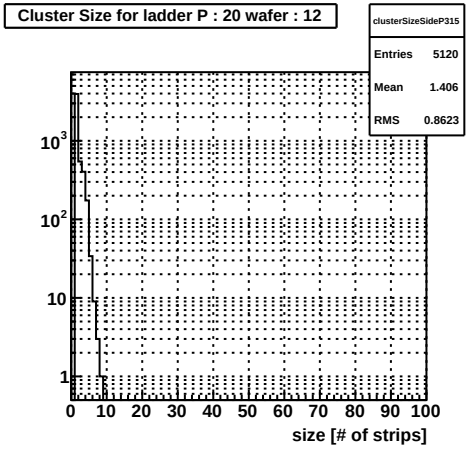

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 8357
Mean 1.139
RMS 0.403
size [# of strips]

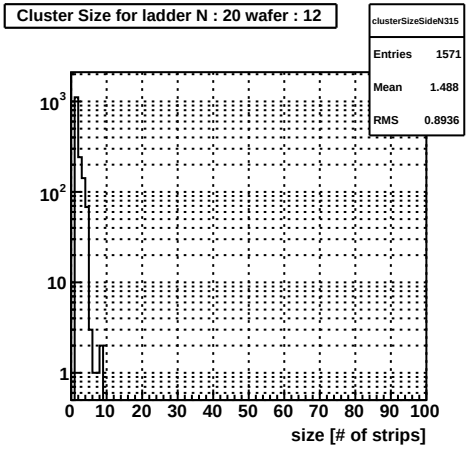

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 1966
Mean 1.321
RMS 0.8234
size [# of strips]

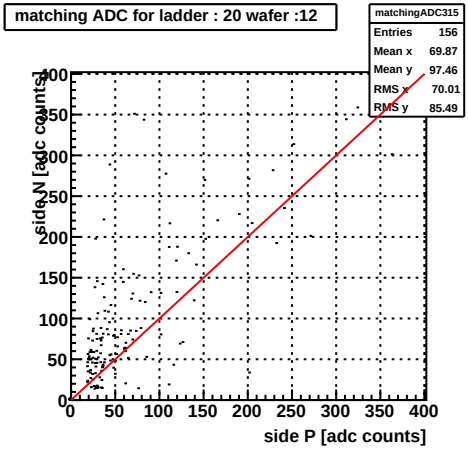

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 145
Mean x 72.55
Mean y 79.03
RMS x 44.94
RMS y 53.59
side N [adc counts]
side P [adc counts]

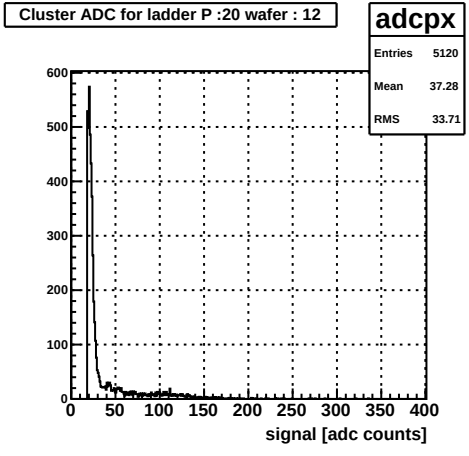

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 8357
Mean 40.38
RMS 21.14
signal [adc counts]

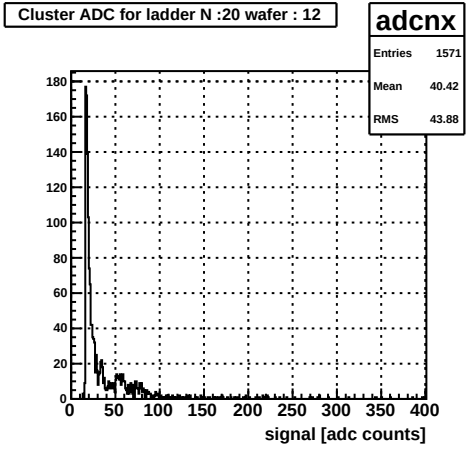

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 1966
Mean 38.17
RMS 38.63
signal [adc counts]

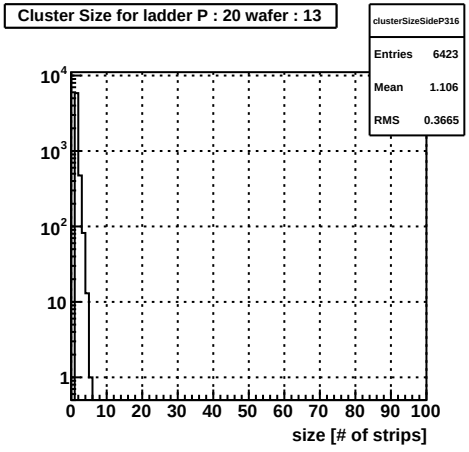

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 5120
Mean 1.406
RMS 0.8623
size [# of strips]

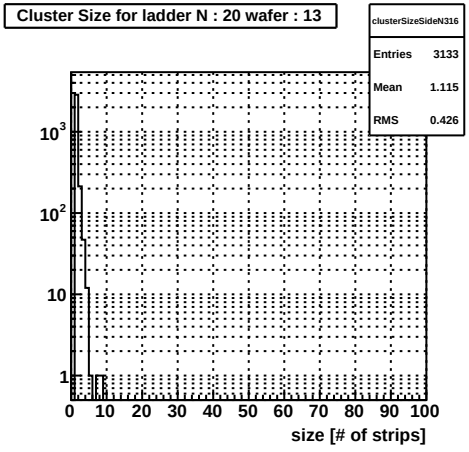

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 1571
Mean 1.488
RMS 0.8936
size [# of strips]

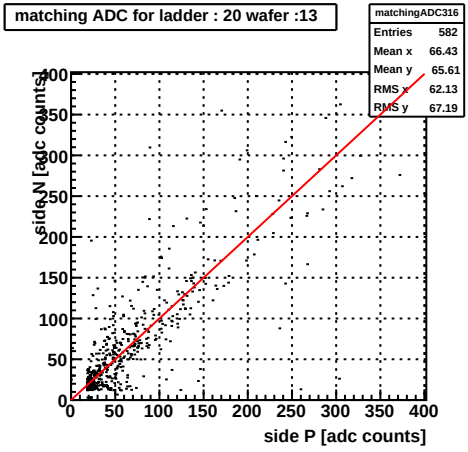

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 156
Mean x 69.87
Mean y 97.46
RMS x 70.01
RMS y 85.49
side N [adc counts]
side P [adc counts]

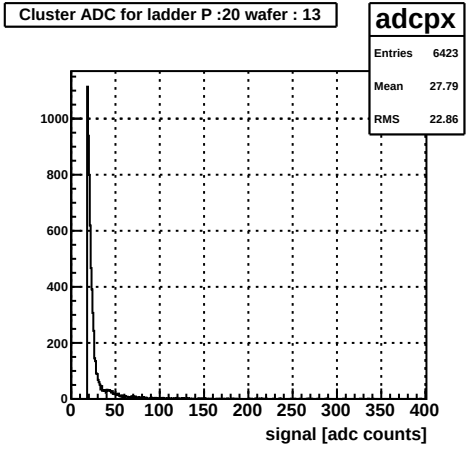

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 5120
Mean 37.28
RMS 33.71
signal [adc counts]

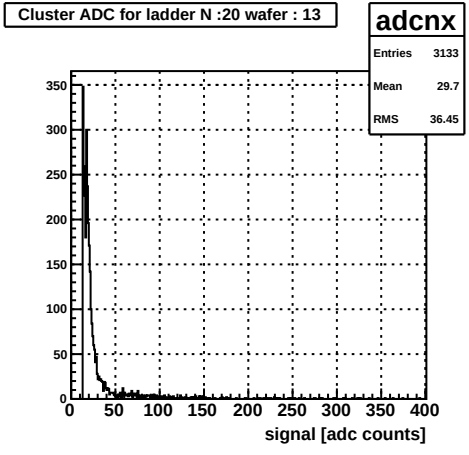

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 1571
Mean 40.42
RMS 43.88
signal [adc counts]

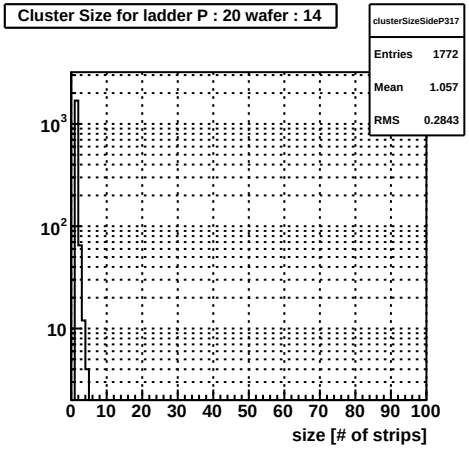

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 6423
Mean 1.106
RMS 0.3665
size [# of strips]

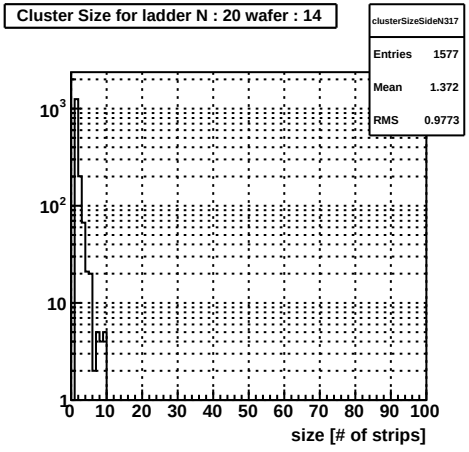

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 3133
Mean 1.115
RMS 0.426
size [# of strips]

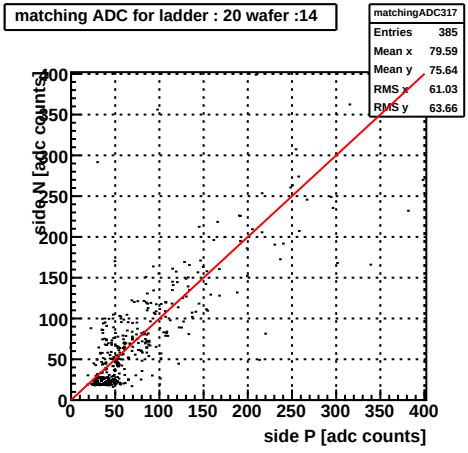

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 582
Mean x 66.43
Mean y 65.61
RMS x 62.13
RMS y 67.19
side N [adc counts]
side P [adc counts]

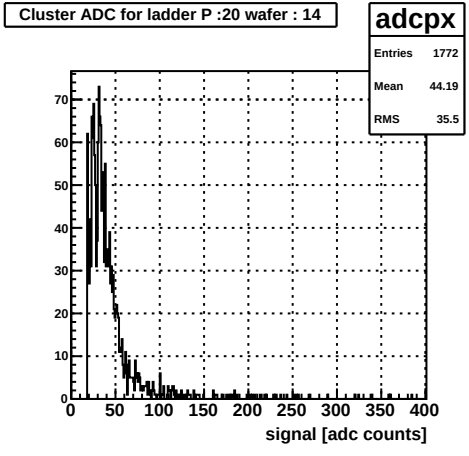

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 6423
Mean 27.79
RMS 22.86
signal [adc counts]

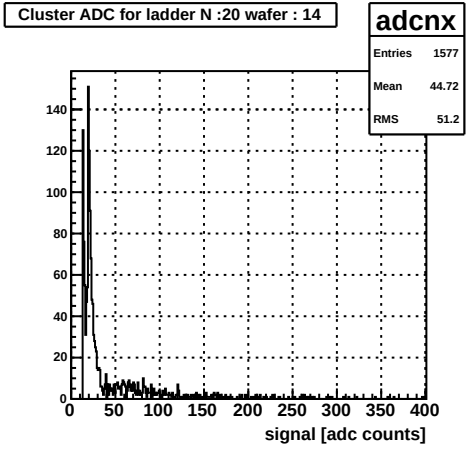

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 3133
Mean 29.7
RMS 36.45
signal [adc counts]

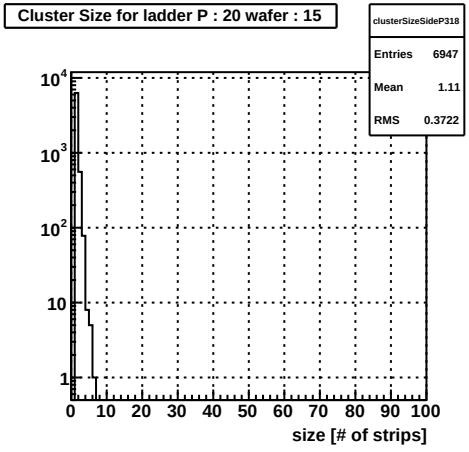

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 1772
Mean 1.057
RMS 0.2843
size [# of strips]

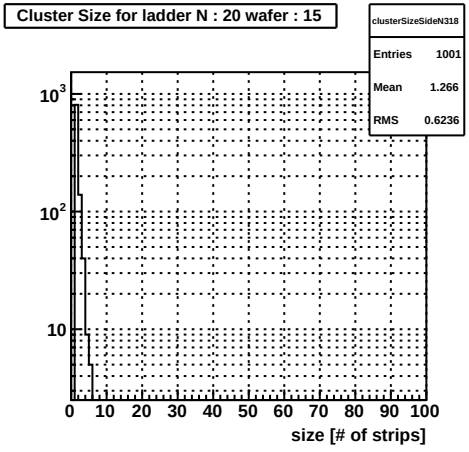

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 1577
Mean 1.372
RMS 0.9773
size [# of strips]

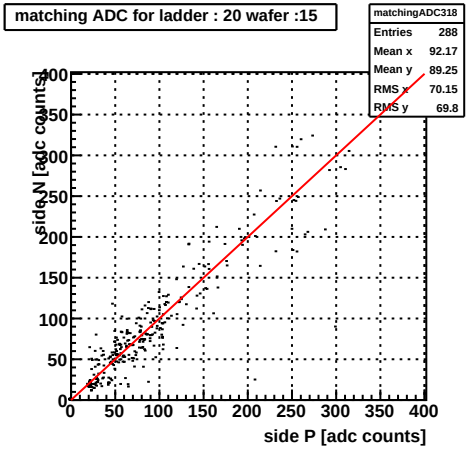

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 385
Mean x 79.59
Mean y 75.64
RMS x 61.03
RMS y 63.66
side N [adc counts]
side P [adc counts]

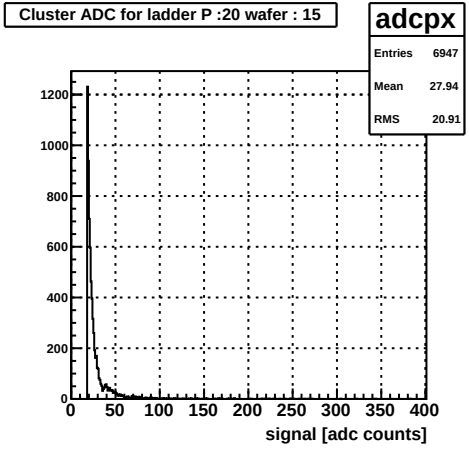

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 1772
Mean 44.19
RMS 35.5
signal [adc counts]

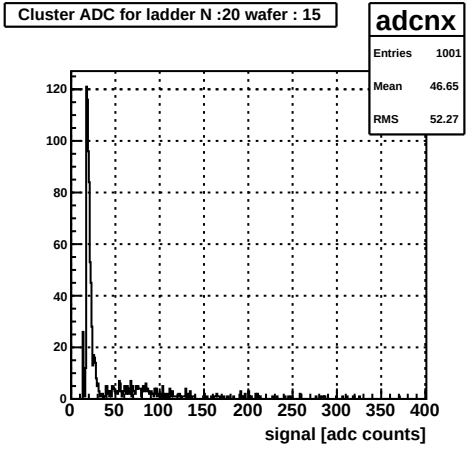

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 1577
Mean 44.72
RMS 51.2
signal [adc counts]

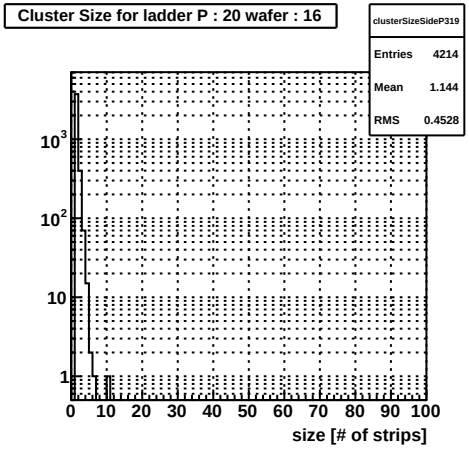

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 6947
Mean 1.11
RMS 0.3722
size [# of strips]

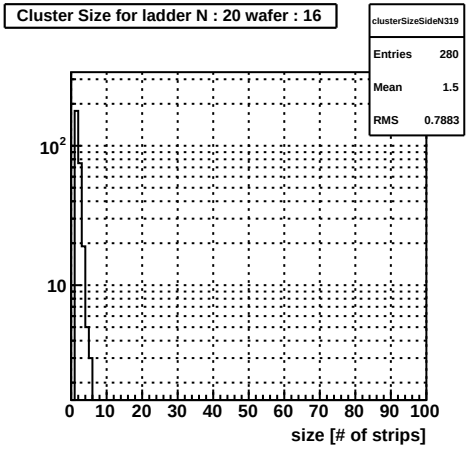

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 1001
Mean 1.266
RMS 0.6236
size [# of strips]

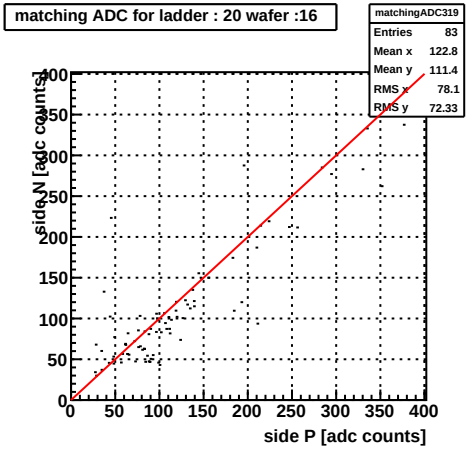

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 288
Mean x 92.17
Mean y 89.25
RMS x 70.15
RMS y 69.8
side N [adc counts]
side P [adc counts]

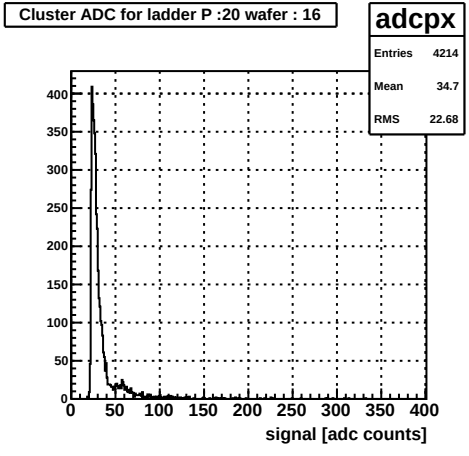

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 6947
Mean 27.94
RMS 20.91
signal [adc counts]

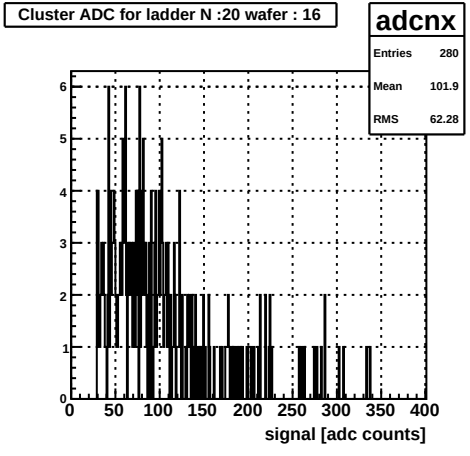

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 1001
Mean 46.65
RMS 52.27
signal [adc counts]

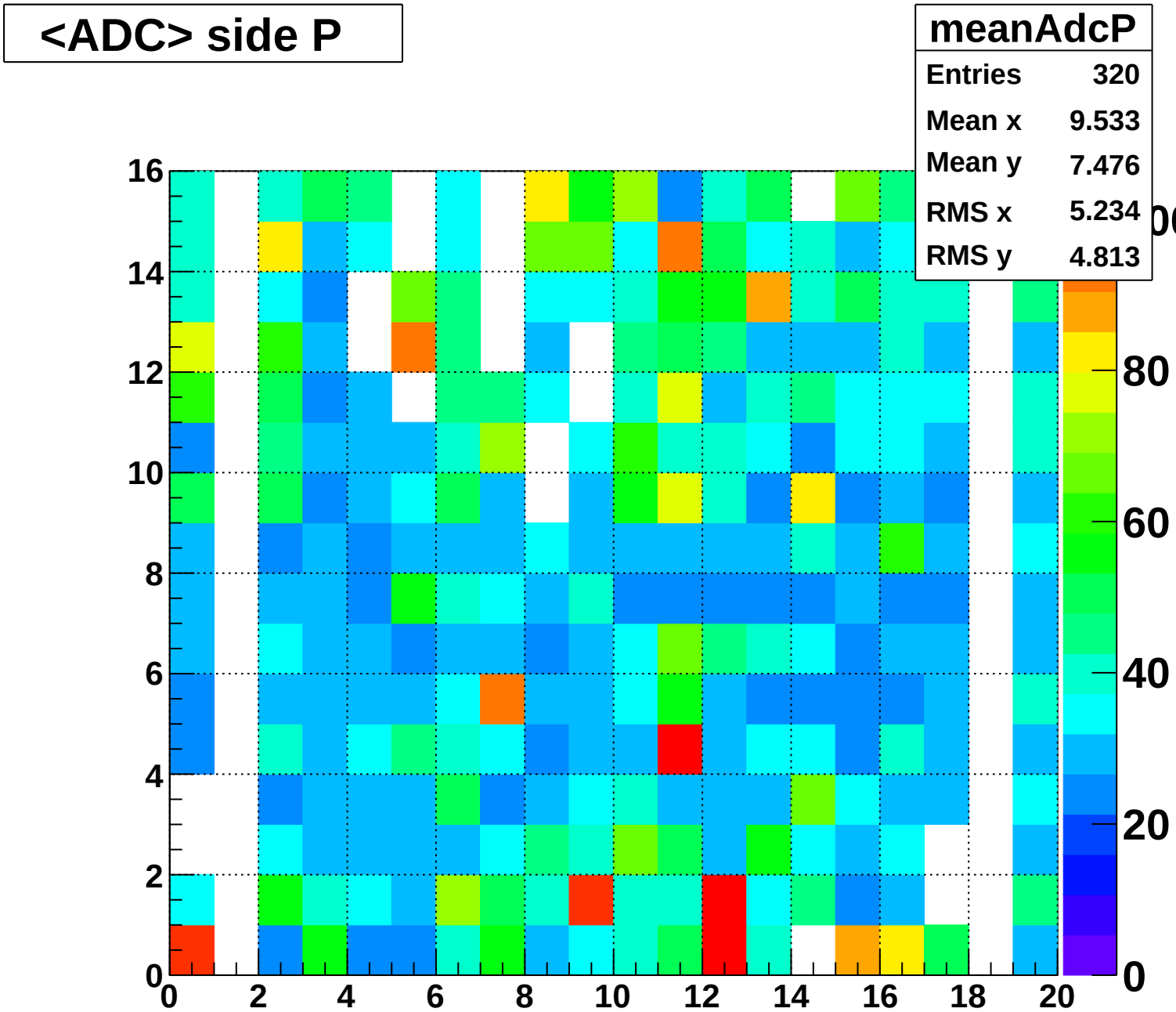

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 4214
Mean 1.144
RMS 0.4528
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 280
Mean 1.5
RMS 0.7883
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 83
Mean x 122.8
Mean y 111.4
RMS x 78.1
RMS y 72.33
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 4214
Mean 34.7
RMS 22.68
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 280
Mean 101.9
RMS 62.28
signal [adc counts]



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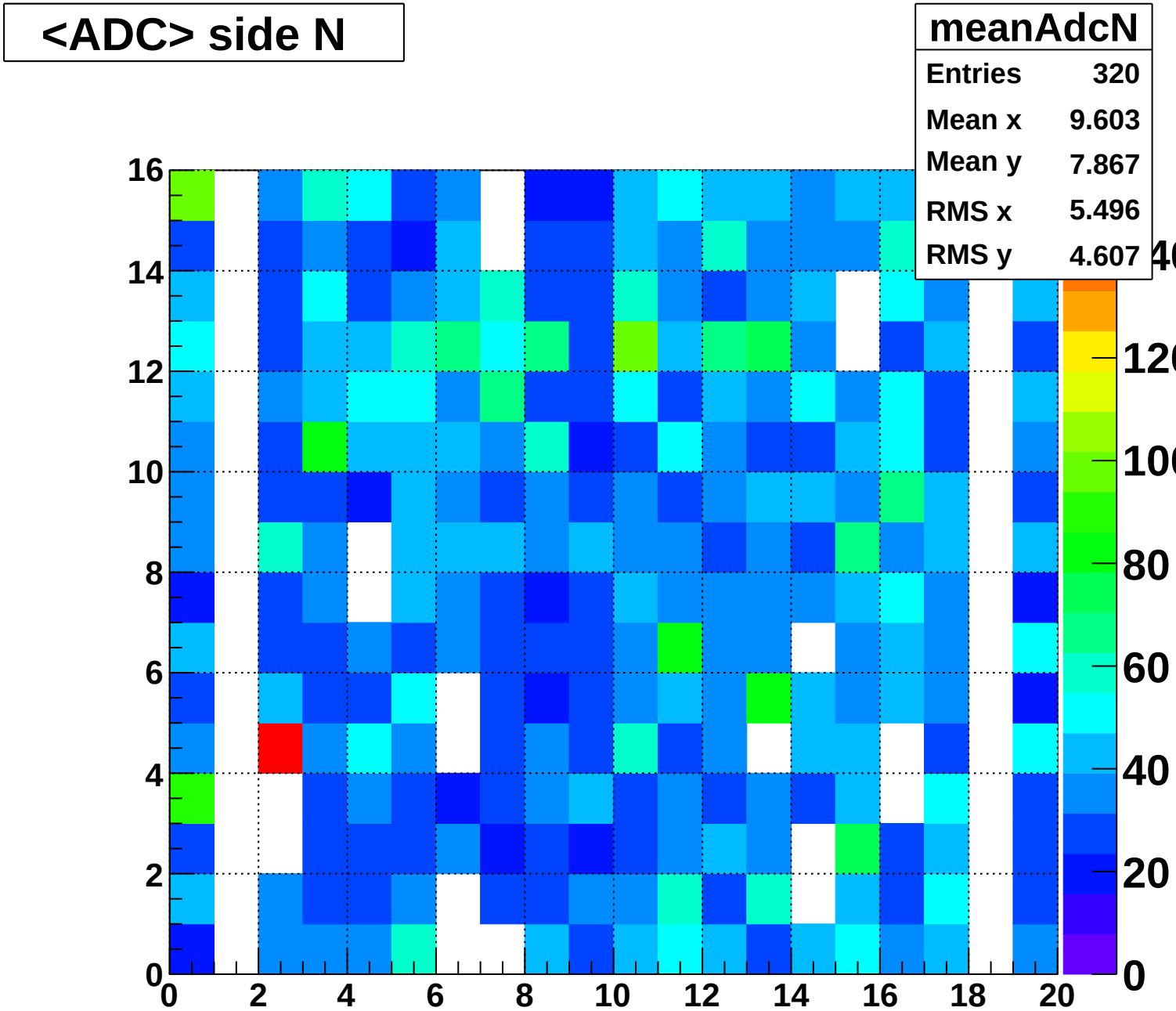

2016-05-24 22:33:56