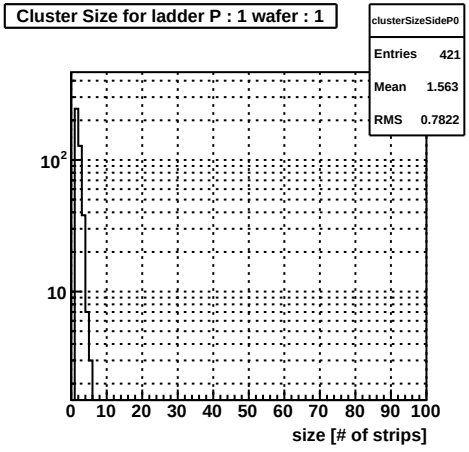
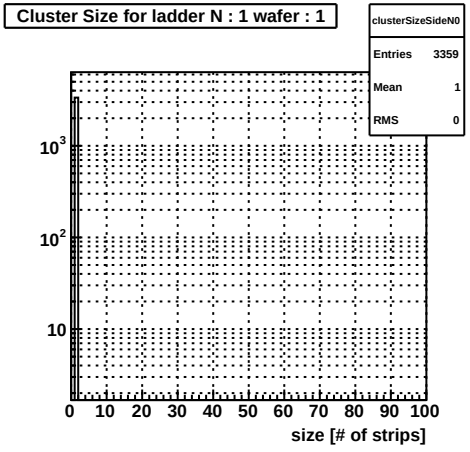
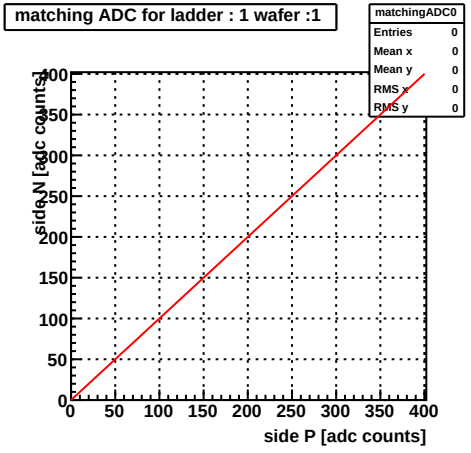
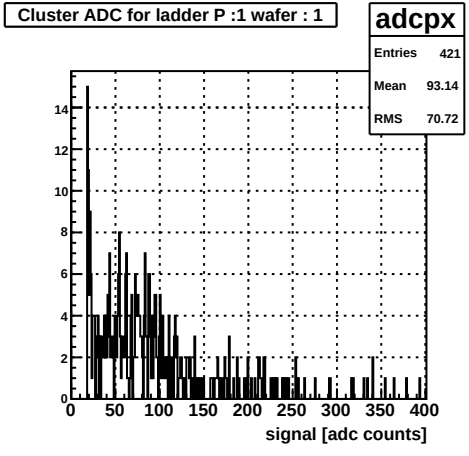
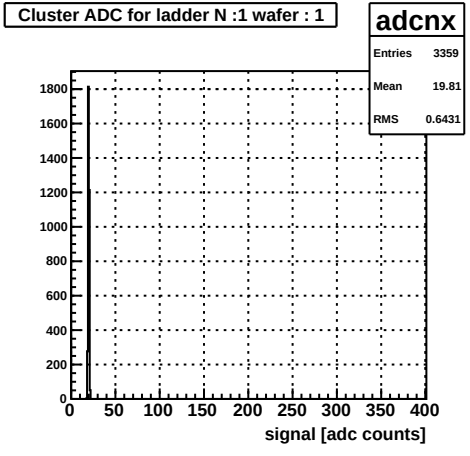
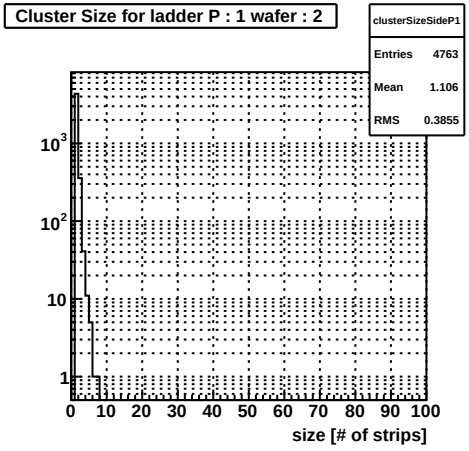

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 421
Mean 1.563
RMS 0.7822
size [# of strips]

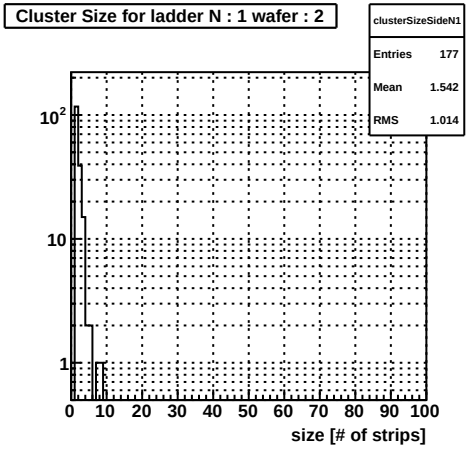

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 3359
Mean 1
RMS 0
size [# of strips]

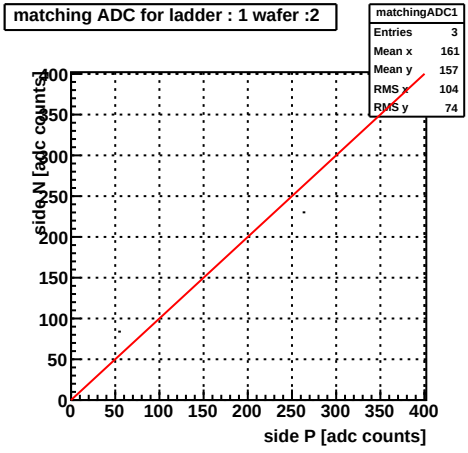

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

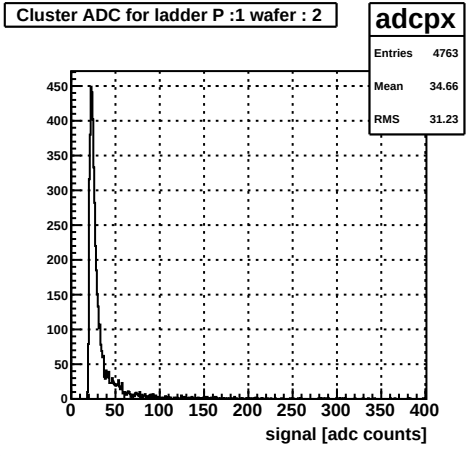

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 421
Mean 93.14
RMS 70.72
signal [adc counts]

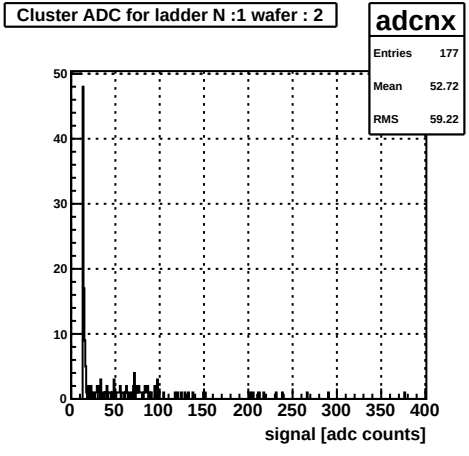

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 3359
Mean 19.81
RMS 0.6431
signal [adc counts]

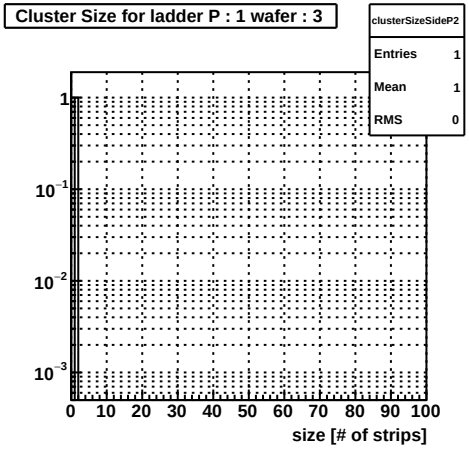

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 4763
Mean 1.106
RMS 0.3855
size [# of strips]

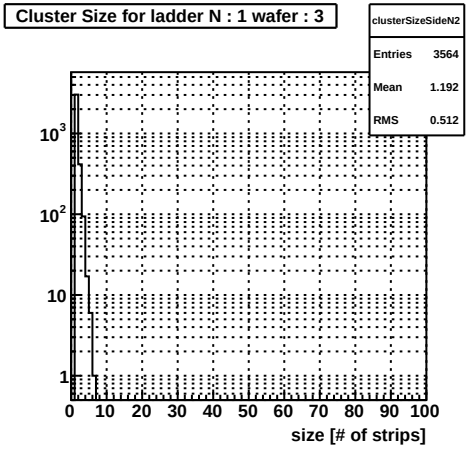

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 177
Mean 1.542
RMS 1.014
size [# of strips]

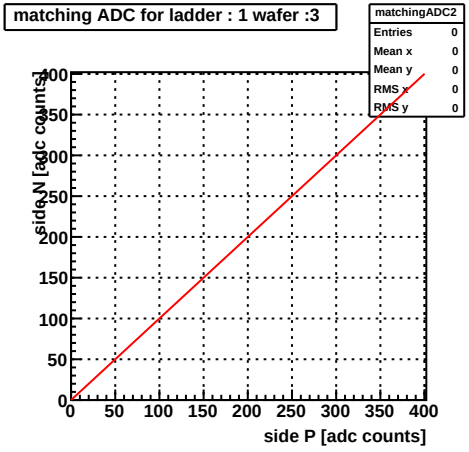

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 3
Mean x 161
Mean y 157
RMS x 104
RMS y 74
side N [adc counts]
side P [adc counts]

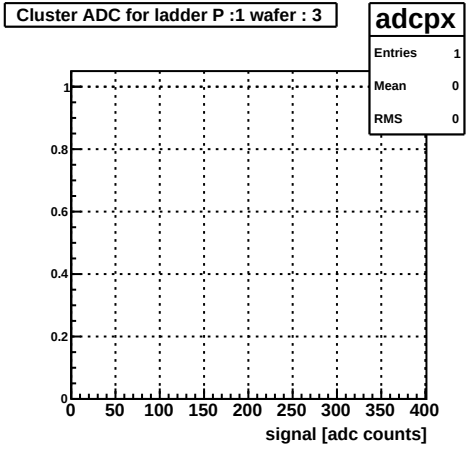

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 4763
Mean 34.66
RMS 31.23
signal [adc counts]

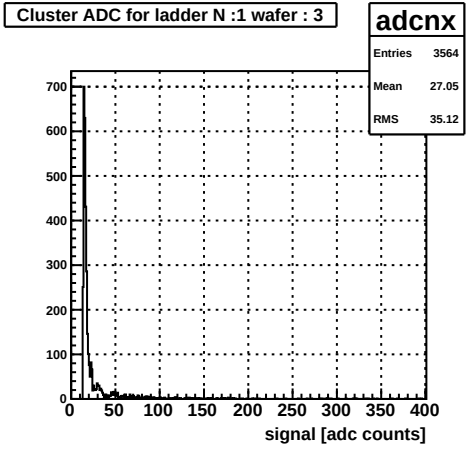

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 177
Mean 52.72
RMS 59.22
signal [adc counts]

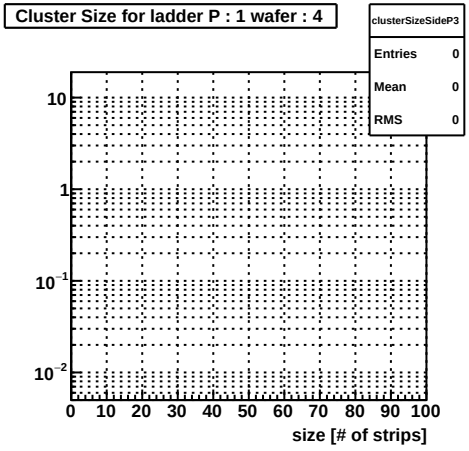

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 1
Mean 1
RMS 0
size [# of strips]

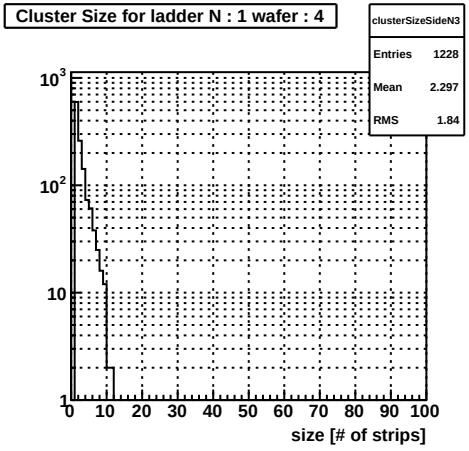

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 3564
Mean 1.192
RMS 0.512
size [# of strips]

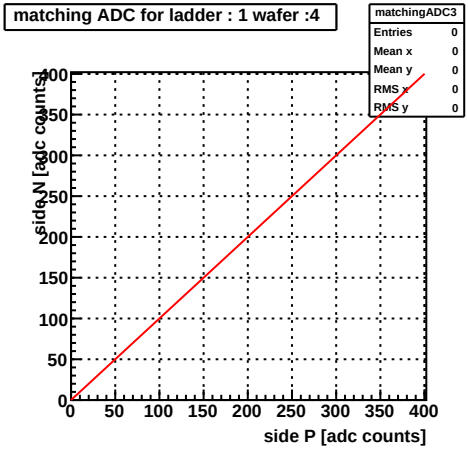

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

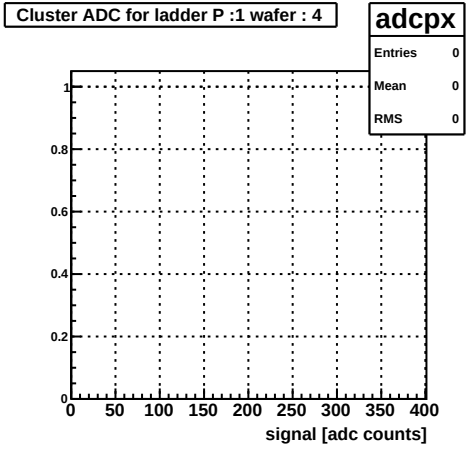

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

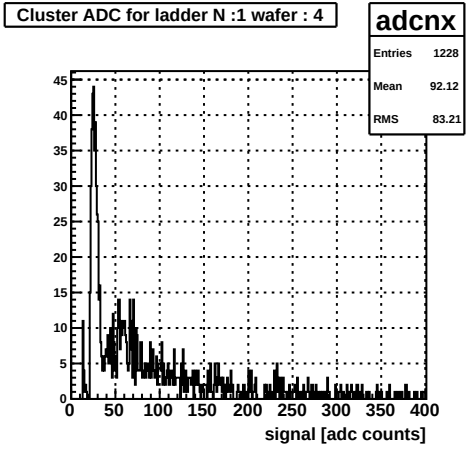

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 3564
Mean 27.05
RMS 35.12
signal [adc counts]

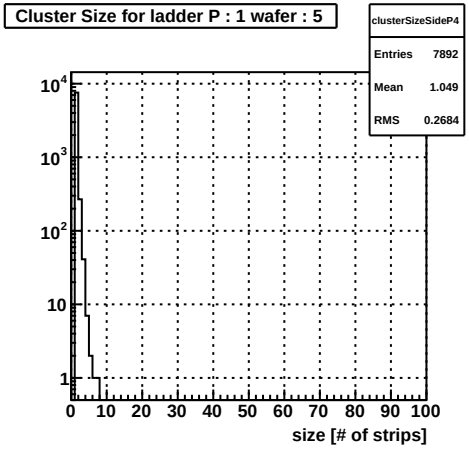

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

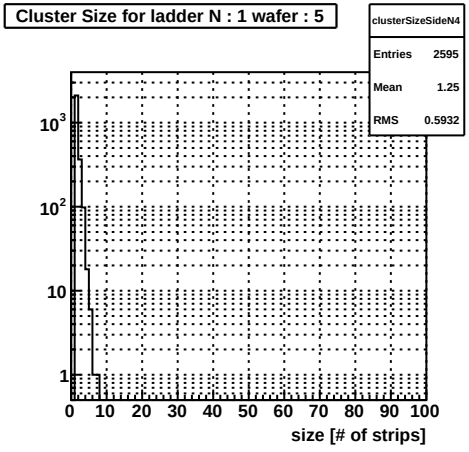

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 1228
Mean 2.297
RMS 1.84
size [# of strips]

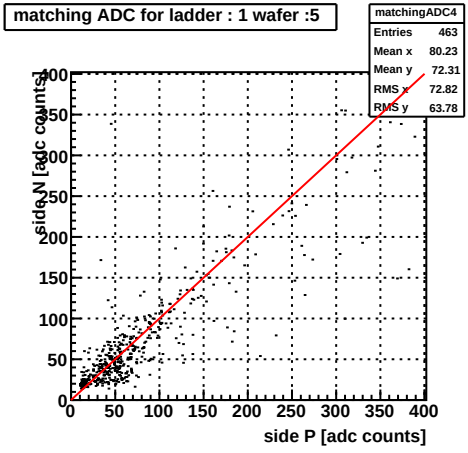

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

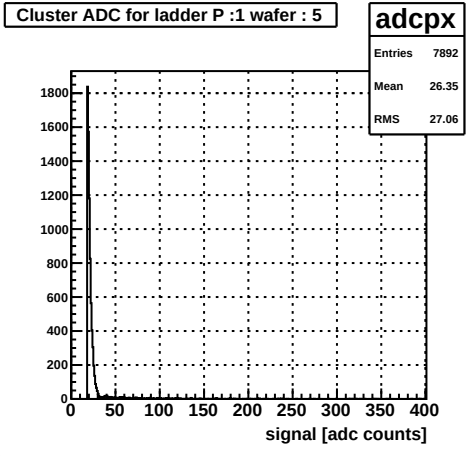

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

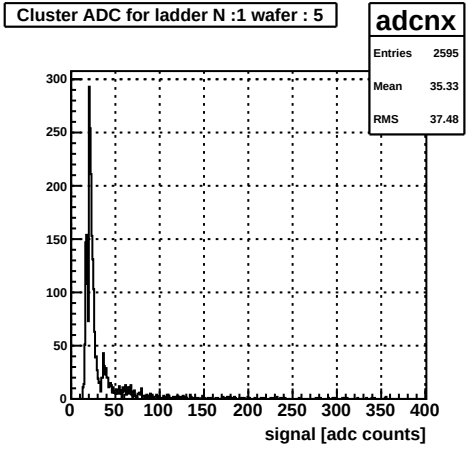

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 1228
Mean 92.12
RMS 83.21
signal [adc counts]

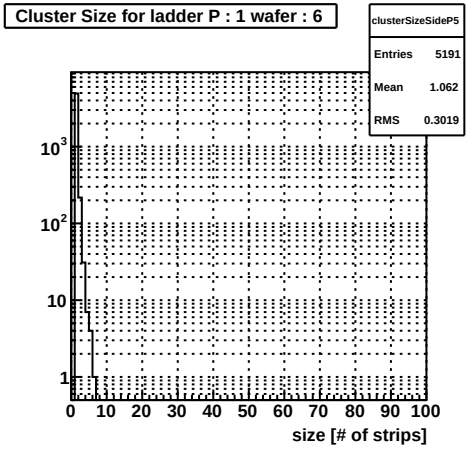

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 7892
Mean 1.049
RMS 0.2684
size [# of strips]

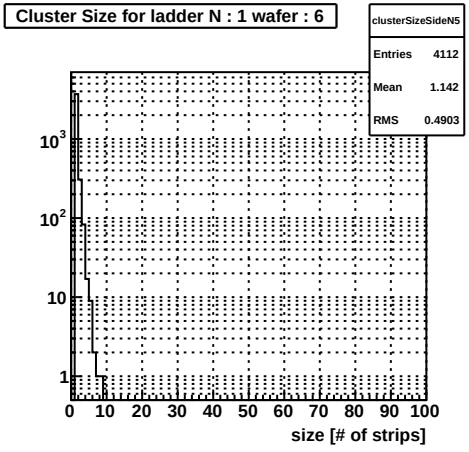

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 2595
Mean 1.25
RMS 0.5932
size [# of strips]

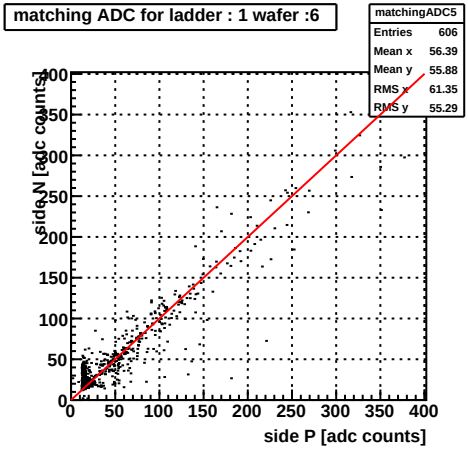

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 463
Mean x 80.23
Mean y 72.31
RMS x 72.82
RMS y 63.78
side N [adc counts]
side P [adc counts]

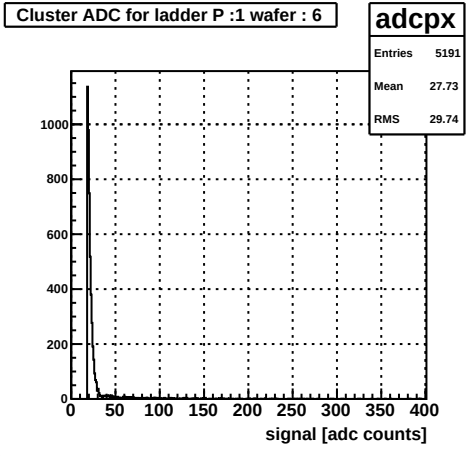

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 7892
Mean 26.35
RMS 27.06
signal [adc counts]

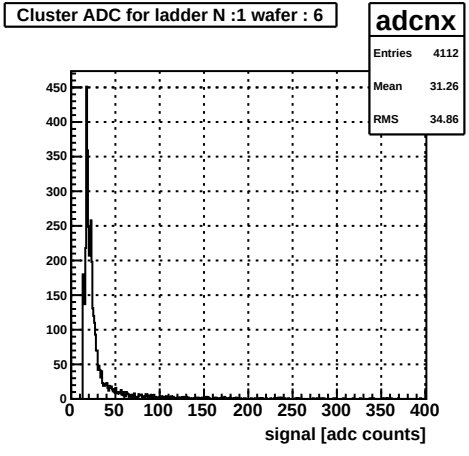

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 2595
Mean 35.33
RMS 37.48
signal [adc counts]

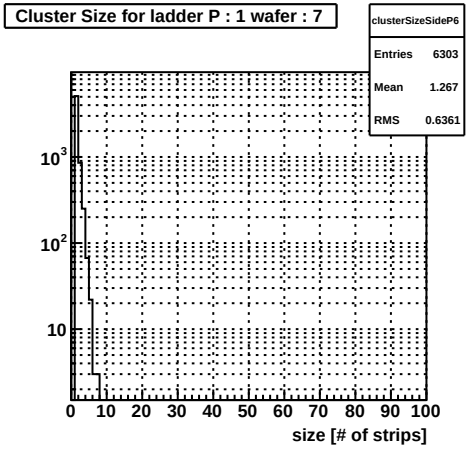

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 5191
Mean 1.062
RMS 0.3019
size [# of strips]

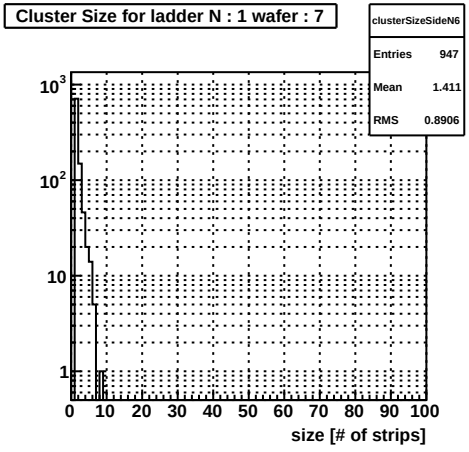

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 4112
Mean 1.142
RMS 0.4903
size [# of strips]

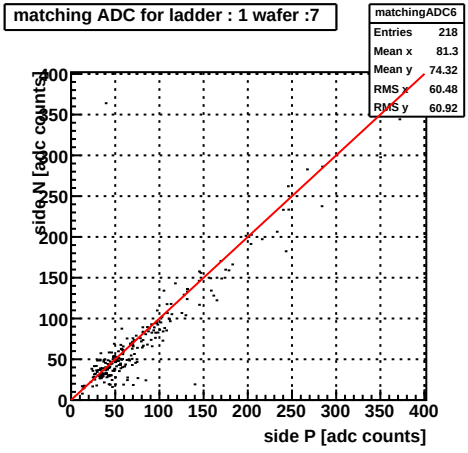

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 606
Mean x 56.39
Mean y 55.88
RMS x 61.35
RMS y 55.29
side N [adc counts]
side P [adc counts]

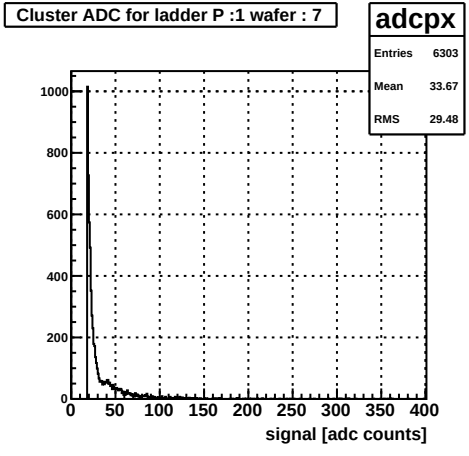

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 5191
Mean 27.73
RMS 29.74
signal [adc counts]

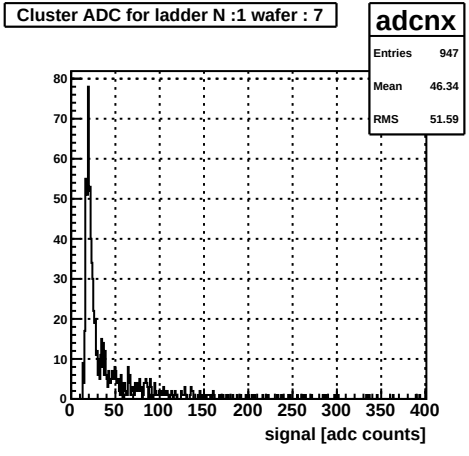

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 4112
Mean 31.26
RMS 34.86
signal [adc counts]

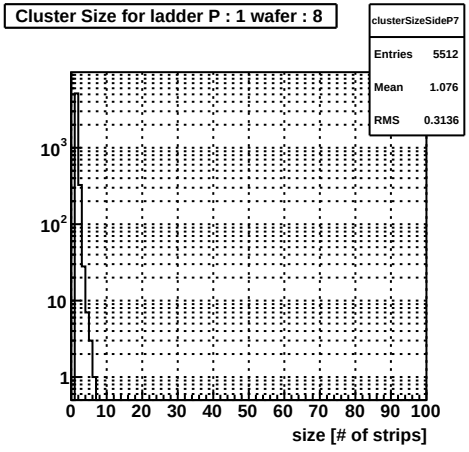

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 6303
Mean 1.267
RMS 0.6361
size [# of strips]

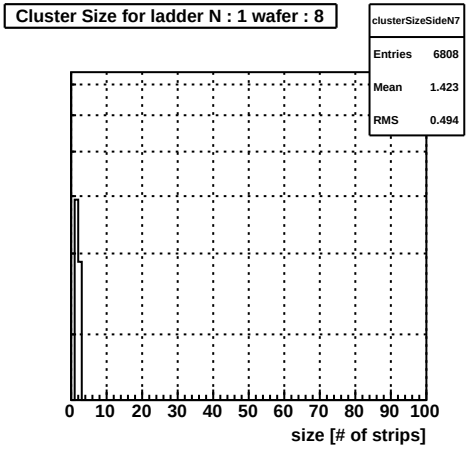

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 947
Mean 1.411
RMS 0.8906
size [# of strips]

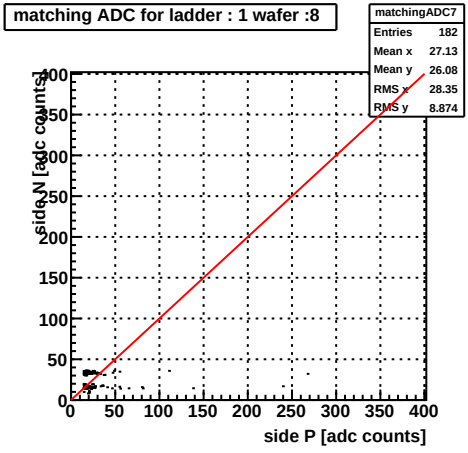

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 218
Mean x 81.3
Mean y 74.32
RMS x 60.48
RMS y 60.92
side N [adc counts]
side P [adc counts]

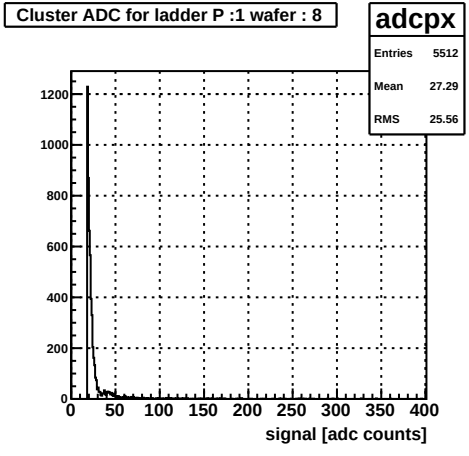

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 6303
Mean 33.67
RMS 29.48
signal [adc counts]

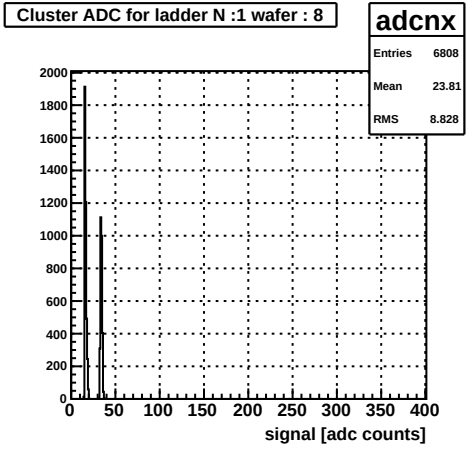

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 947
Mean 46.34
RMS 51.59
signal [adc counts]

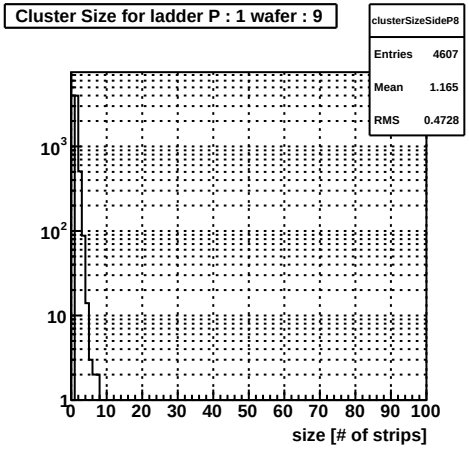

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 5512
Mean 1.076
RMS 0.3136
size [# of strips]

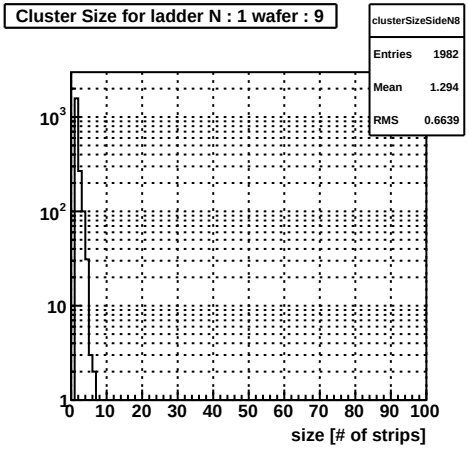

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 6808
Mean 1.423
RMS 0.494
size [# of strips]

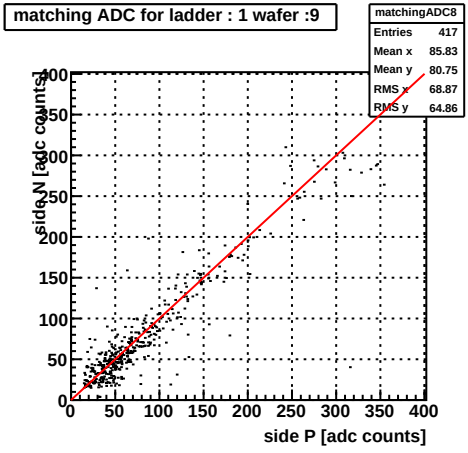

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 182
Mean x 27.13
Mean y 26.08
RMS x 28.35
RMS y 8.874
side N [adc counts]
side P [adc counts]

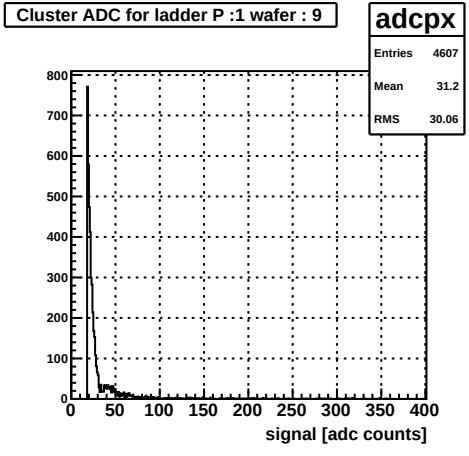

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 5512
Mean 27.29
RMS 25.56
signal [adc counts]

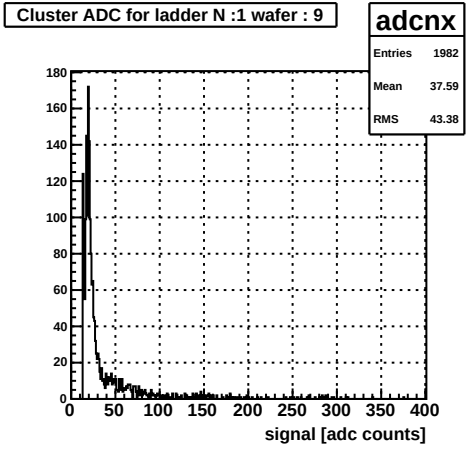

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 6808
Mean 23.81
RMS 8.828
signal [adc counts]

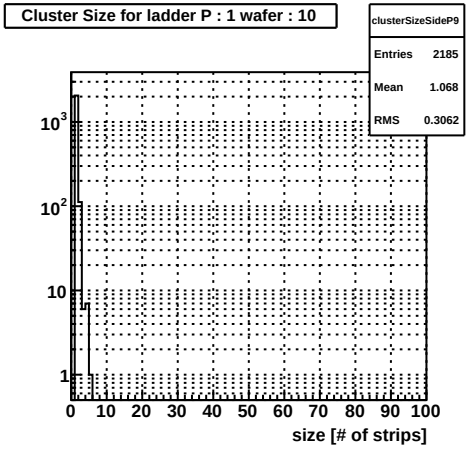

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 4607
Mean 1.165
RMS 0.4728
size [# of strips]

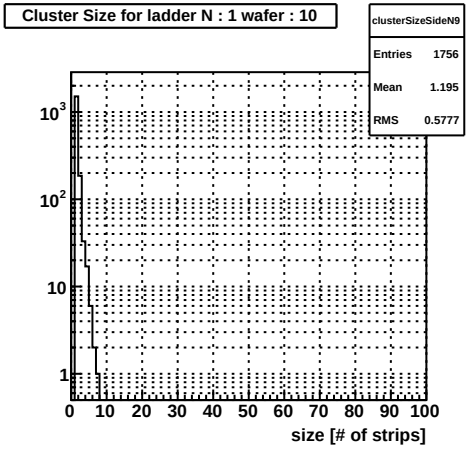

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 1982
Mean 1.294
RMS 0.6639
size [# of strips]

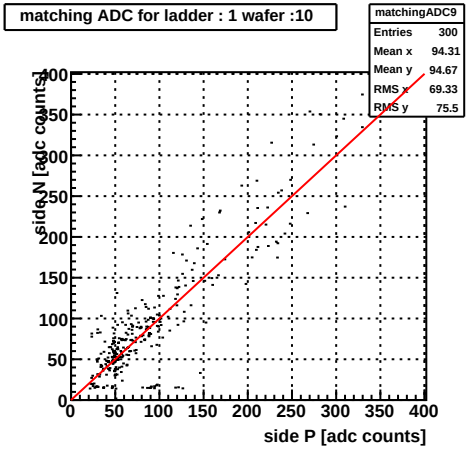

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 417
Mean x 85.83
Mean y 80.75
RMS x 68.87
RMS y 64.86
side N [adc counts]
side P [adc counts]

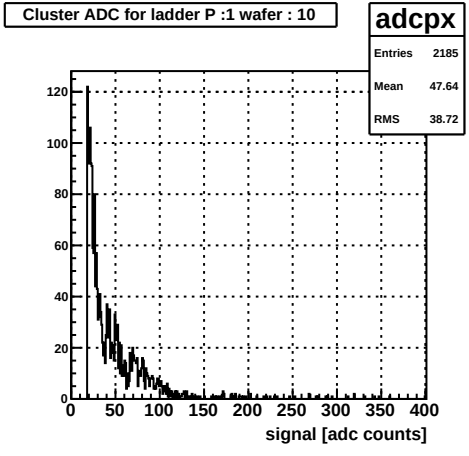

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 4607
Mean 31.2
RMS 30.06
signal [adc counts]

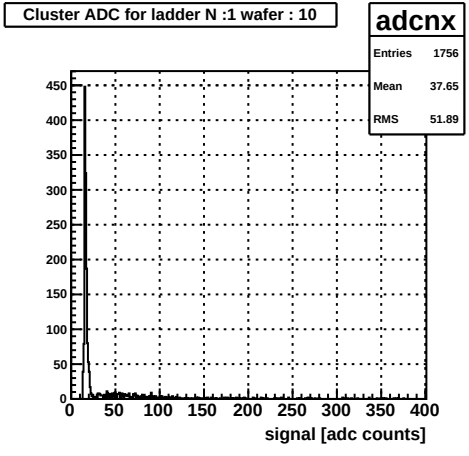

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 1982
Mean 37.59
RMS 43.38
signal [adc counts]

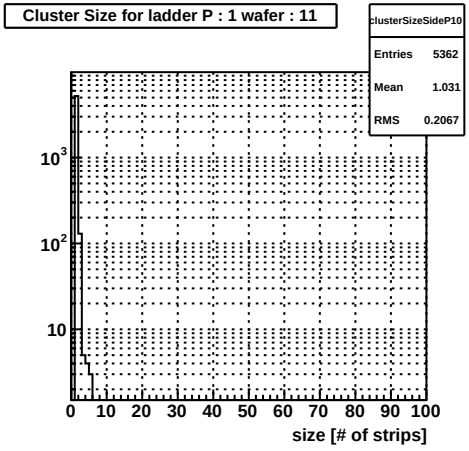

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 2185
Mean 1.068
RMS 0.3062
size [# of strips]

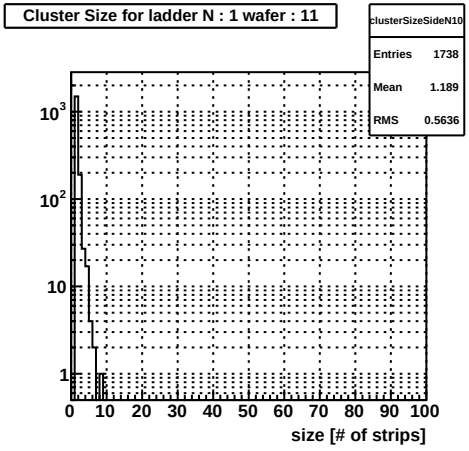

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 1756
Mean 1.195
RMS 0.5777
size [# of strips]

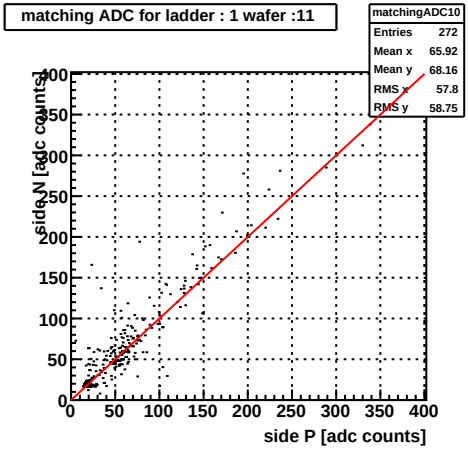

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 300
Mean x 94.31
Mean y 94.67
RMS x 69.33
RMS y 75.5
side N [adc counts]
side P [adc counts]

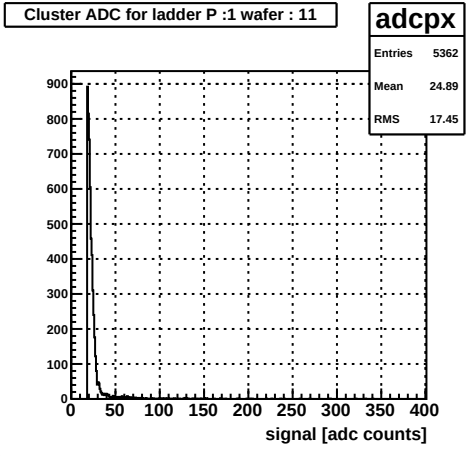

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 2185
Mean 47.64
RMS 38.72
signal [adc counts]

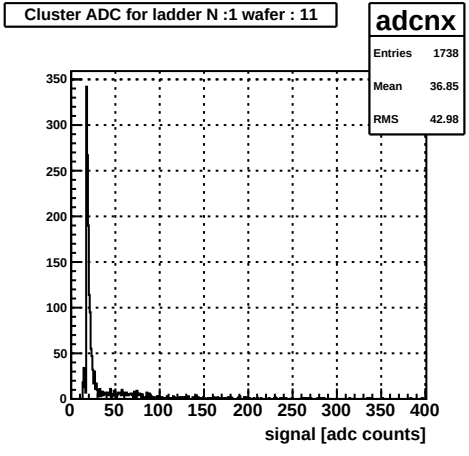

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 1756
Mean 37.65
RMS 51.89
signal [adc counts]

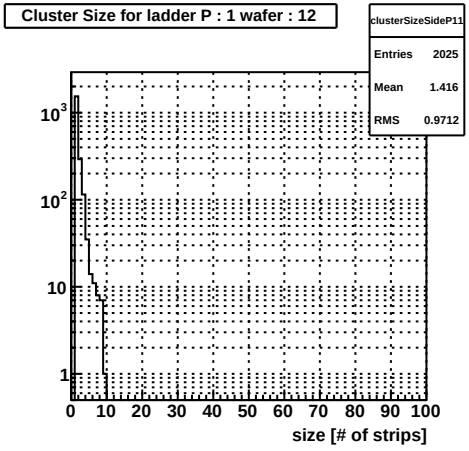

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 5362
Mean 1.031
RMS 0.2067
size [# of strips]

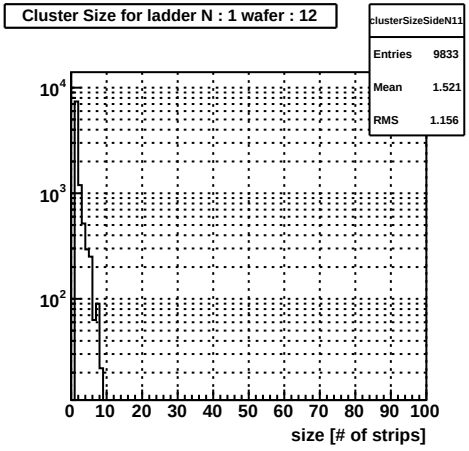

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 1738
Mean 1.189
RMS 0.5636
size [# of strips]

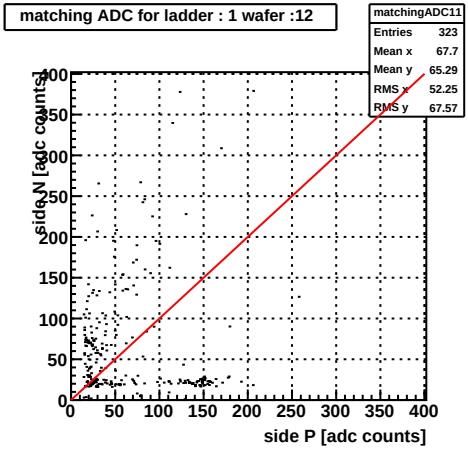

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 272
Mean x 65.92
Mean y 68.16
RMS x 57.8
RMS y 58.75
side N [adc counts]
side P [adc counts]

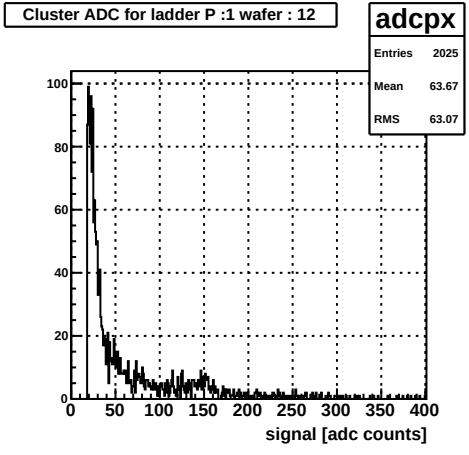

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 5362
Mean 24.89
RMS 17.45
signal [adc counts]

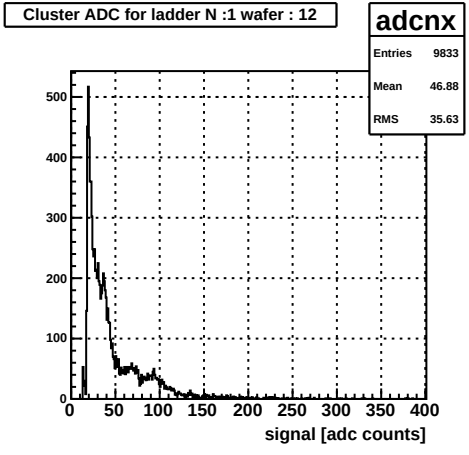

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 1738
Mean 36.85
RMS 42.98
signal [adc counts]

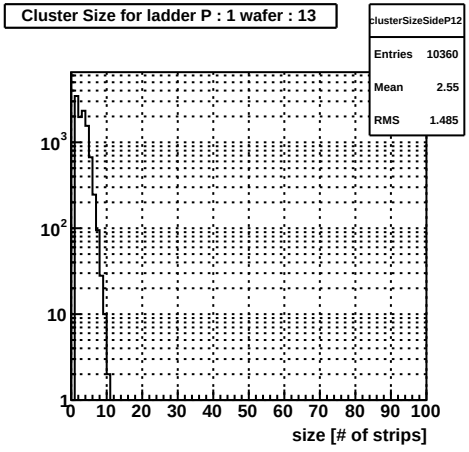

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2025
Mean 1.416
RMS 0.9712
size [# of strips]

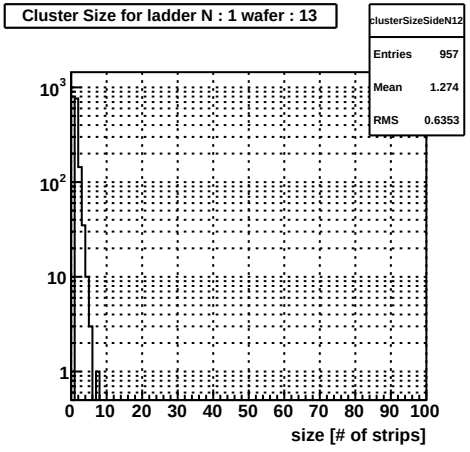

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 9833
Mean 1.521
RMS 1.156
size [# of strips]

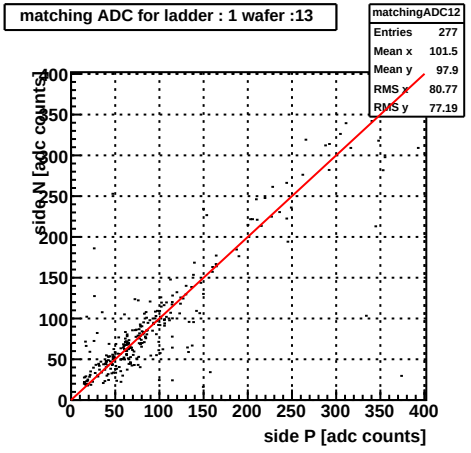

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 323
Mean x 67.7
Mean y 65.29
RMS x 52.25
RMS y 67.57
side N [adc counts]
side P [adc counts]

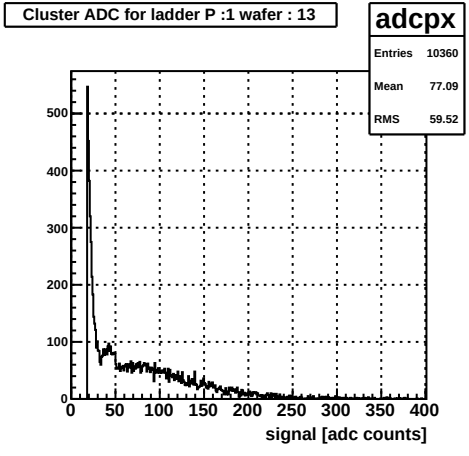

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2025
Mean 63.67
RMS 63.07
signal [adc counts]

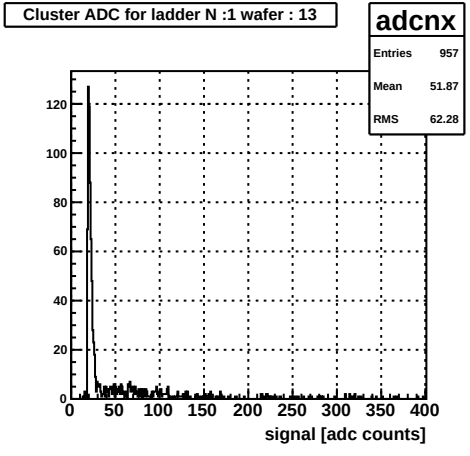

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 9833
Mean 46.88
RMS 35.63
signal [adc counts]

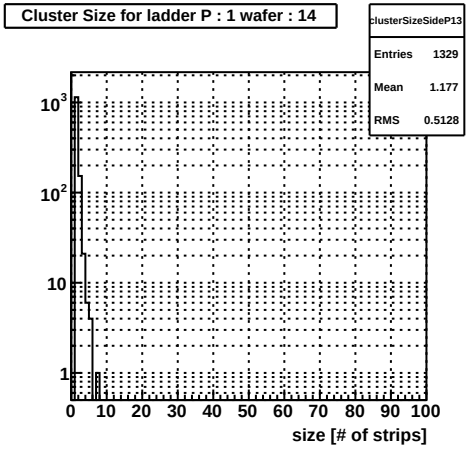

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 10360
Mean 2.55
RMS 1.485
size [# of strips]

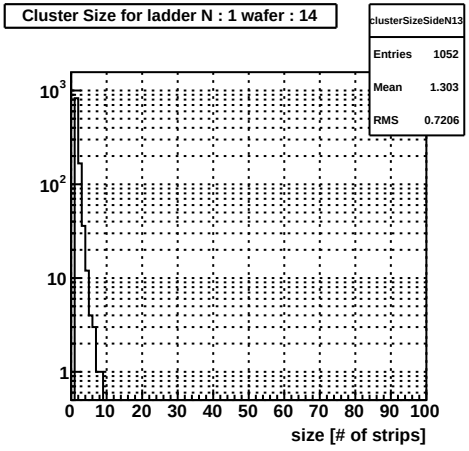

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 957
Mean 1.274
RMS 0.6353
size [# of strips]

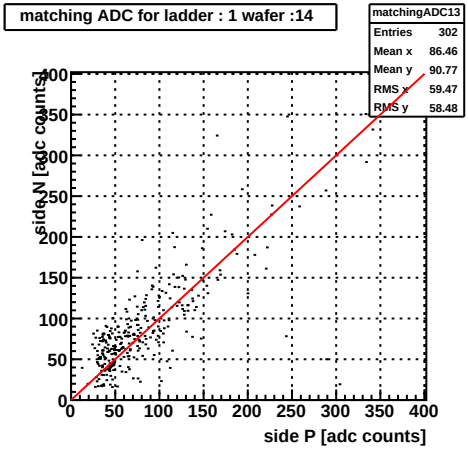

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 277
Mean x 101.5
Mean y 97.9
RMS x 80.77
RMS y 77.19
side N [adc counts]
side P [adc counts]

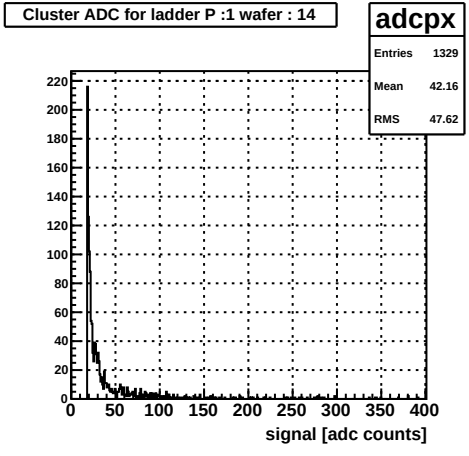

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 10360
Mean 77.09
RMS 59.52
signal [adc counts]

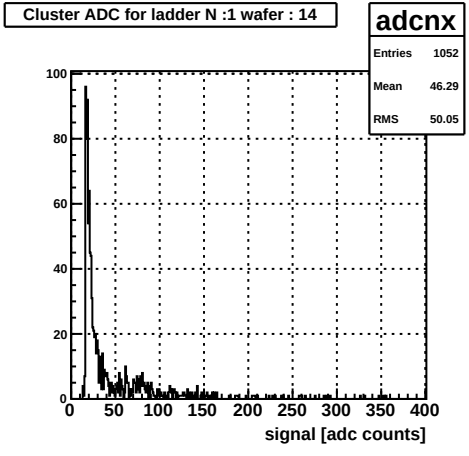

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 957
Mean 51.87
RMS 62.28
signal [adc counts]

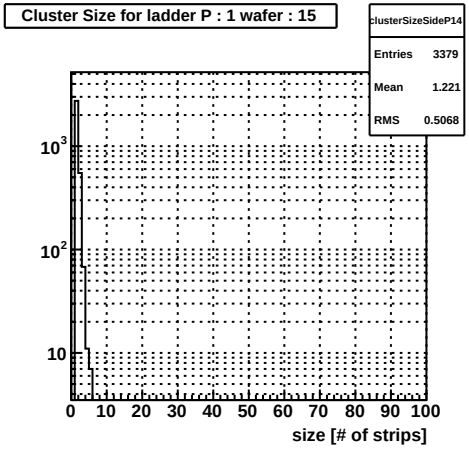

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 1329
Mean 1.177
RMS 0.5128
size [# of strips]

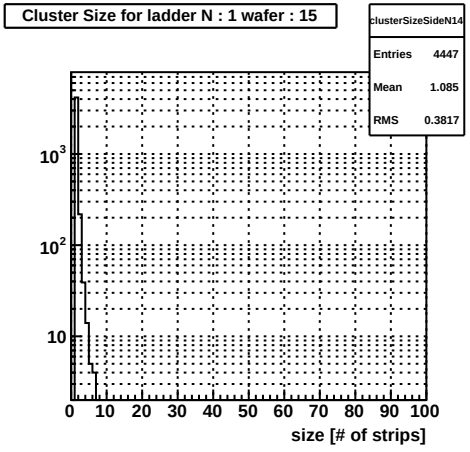

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 1052
Mean 1.303
RMS 0.7206
size [# of strips]

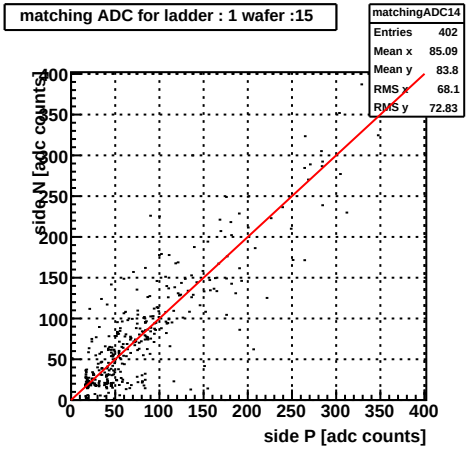

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 302
Mean x 86.46
Mean y 90.77
RMS x 59.47
RMS y 58.48
side N [adc counts]
side P [adc counts]

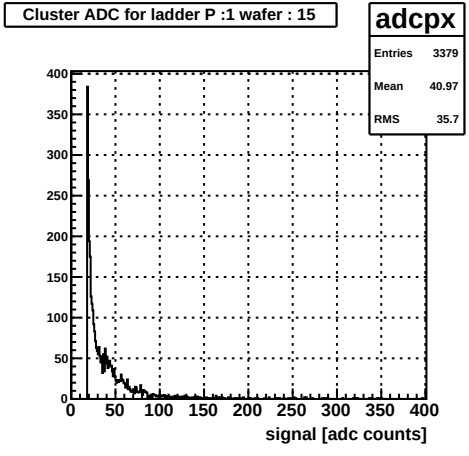

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 1329
Mean 42.16
RMS 47.62
signal [adc counts]

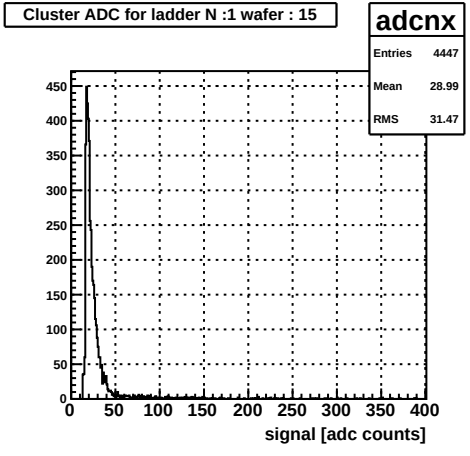

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 1052
Mean 46.29
RMS 50.05
signal [adc counts]

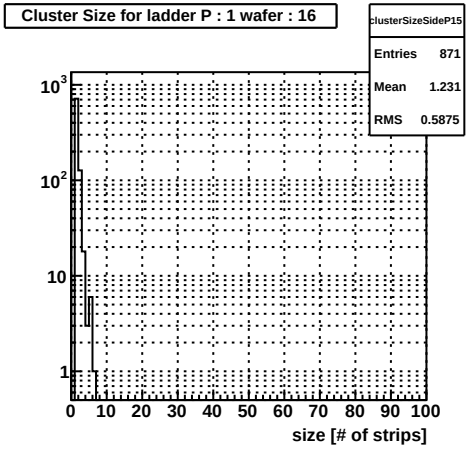

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 3379
Mean 1.221
RMS 0.5068
size [# of strips]

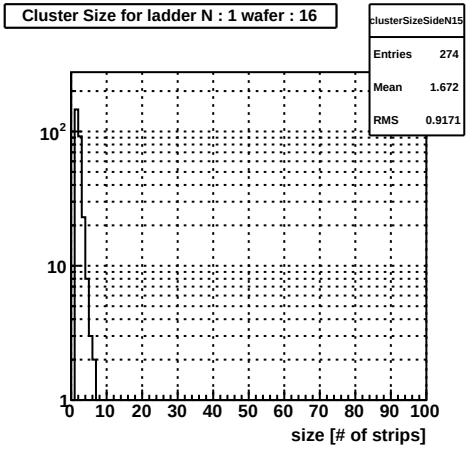

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 4447
Mean 1.085
RMS 0.3817
size [# of strips]

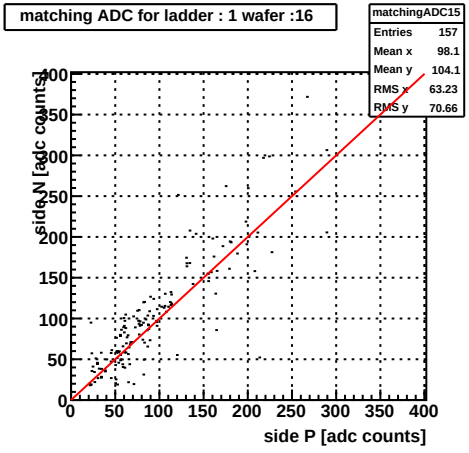

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 402
Mean x 85.09
Mean y 83.8
RMS x 68.1
RMS y 72.83
side N [adc counts]
side P [adc counts]

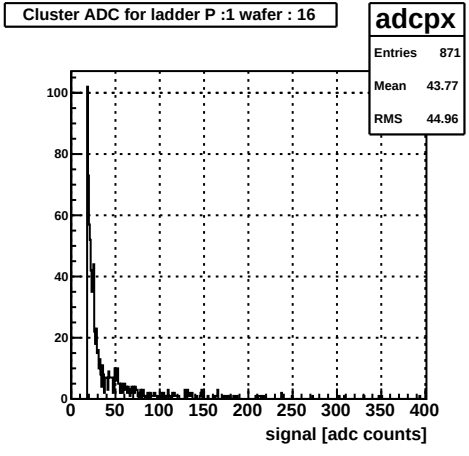

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 3379
Mean 40.97
RMS 35.7
signal [adc counts]

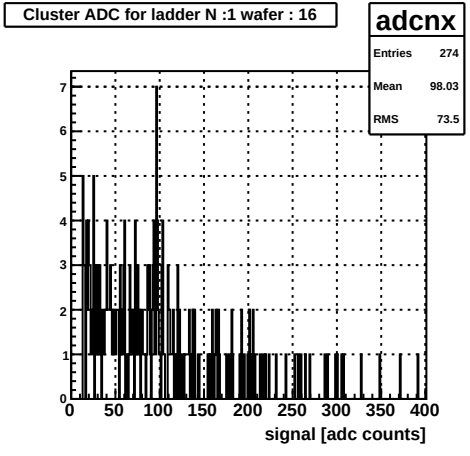

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 4447
Mean 28.99
RMS 31.47
signal [adc counts]

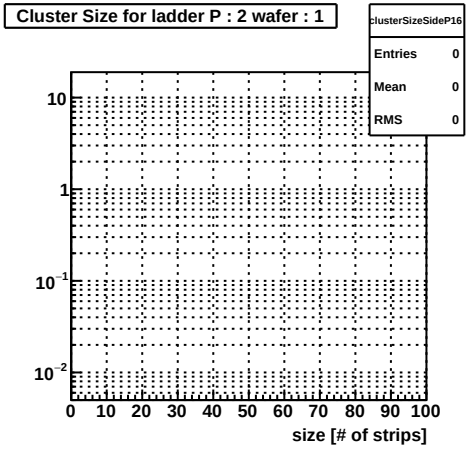

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 871
Mean 1.231
RMS 0.5875
size [# of strips]

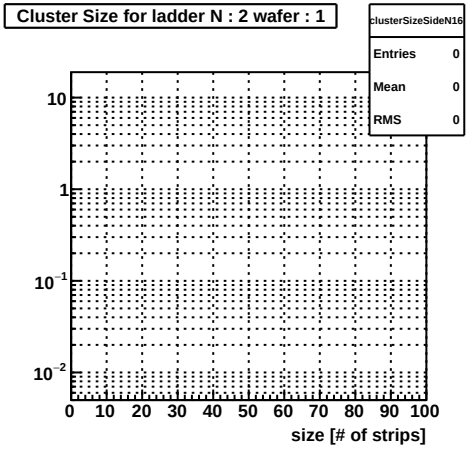

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 274
Mean 1.672
RMS 0.9171
size [# of strips]

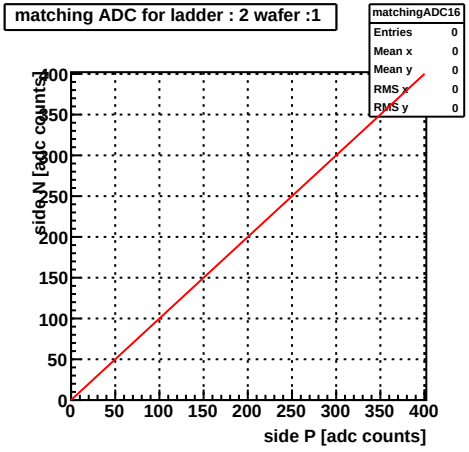

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 157
Mean x 98.1
Mean y 104.1
RMS x 63.23
RMS y 70.66
side N [adc counts]
side P [adc counts]

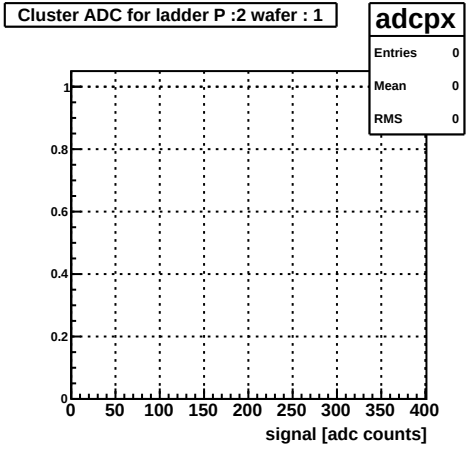

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 871
Mean 43.77
RMS 44.96
signal [adc counts]

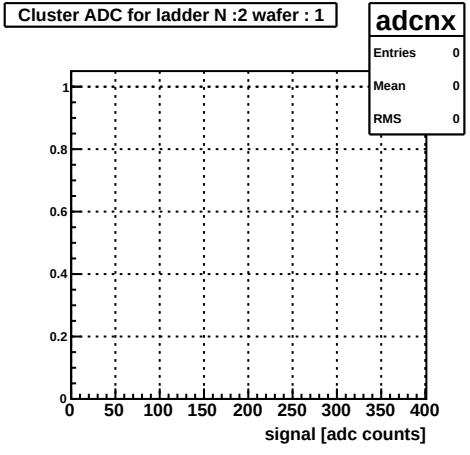

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 274
Mean 98.03
RMS 73.5
signal [adc counts]

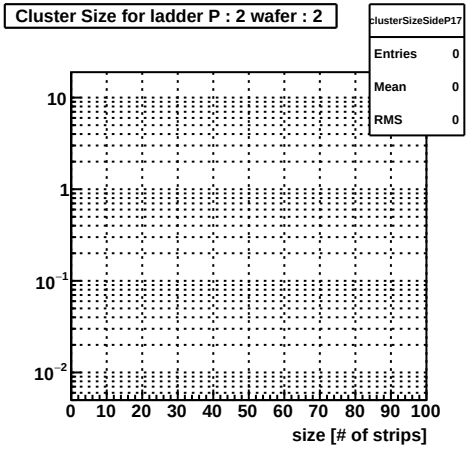

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

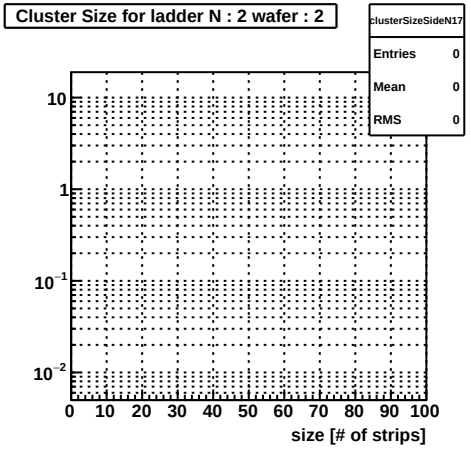

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

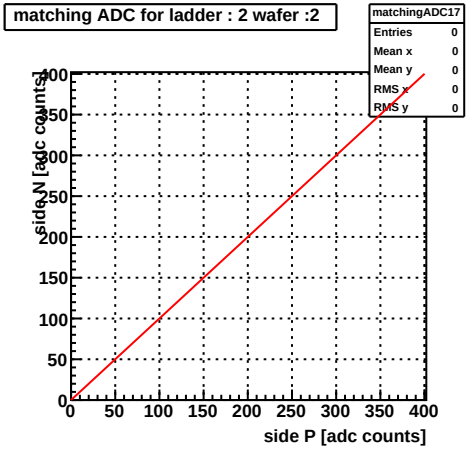

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

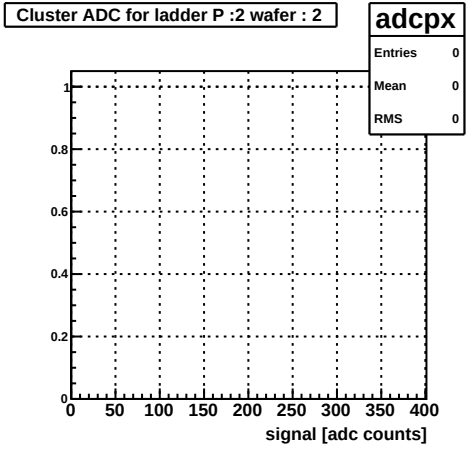

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

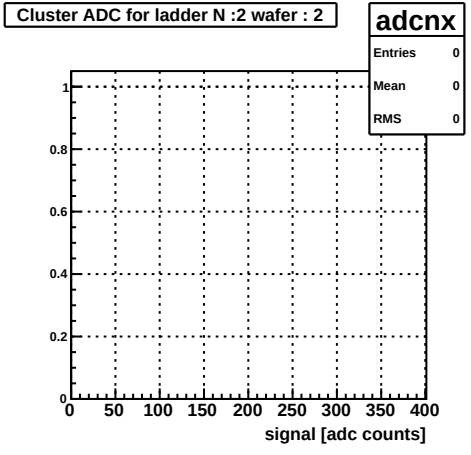

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

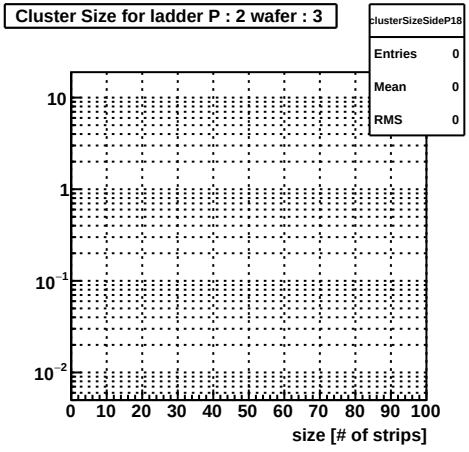

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

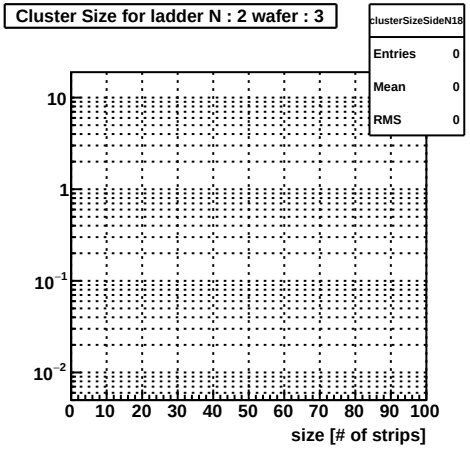

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

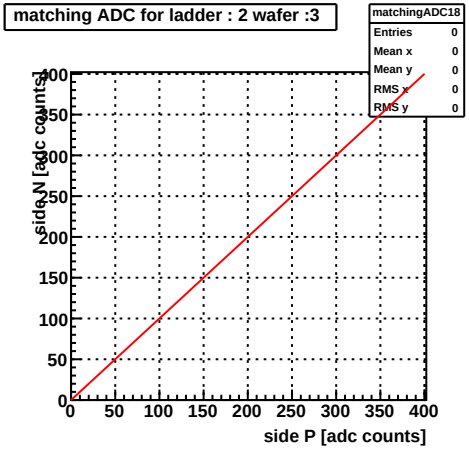

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

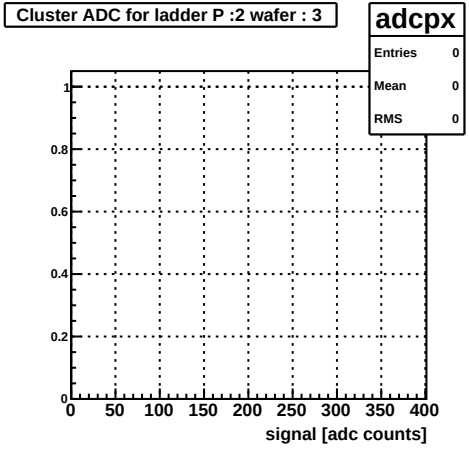

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

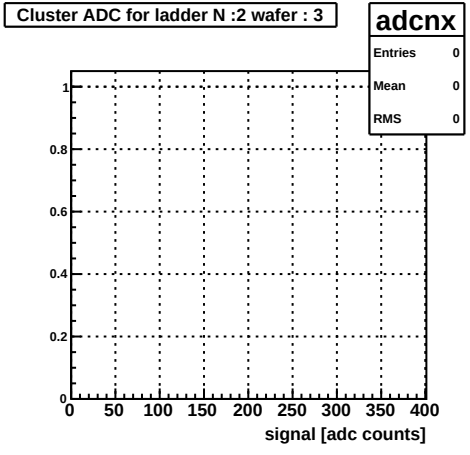

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

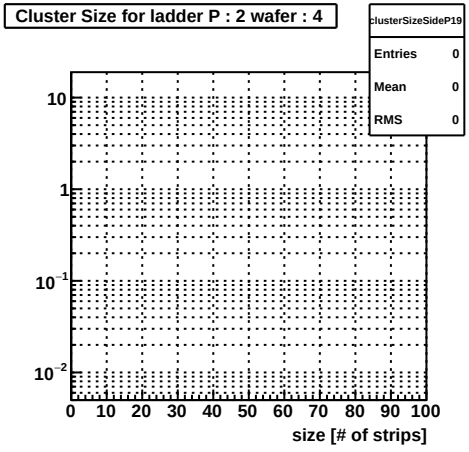

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

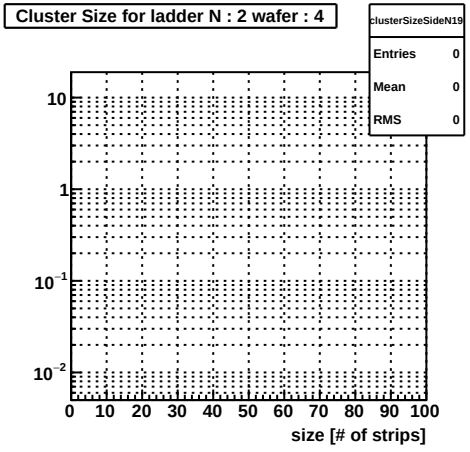

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

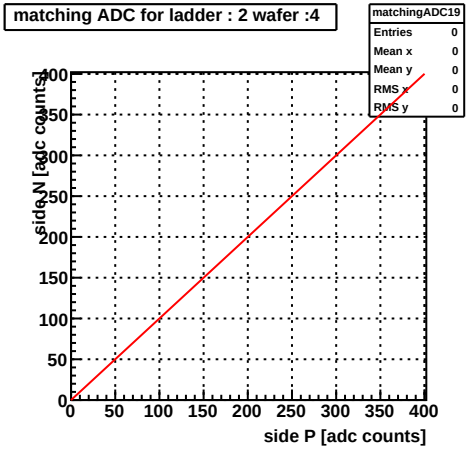

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

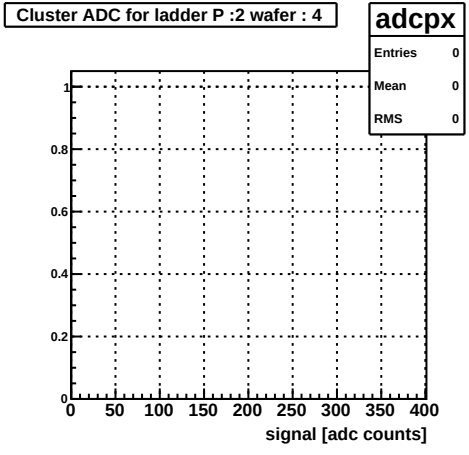

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

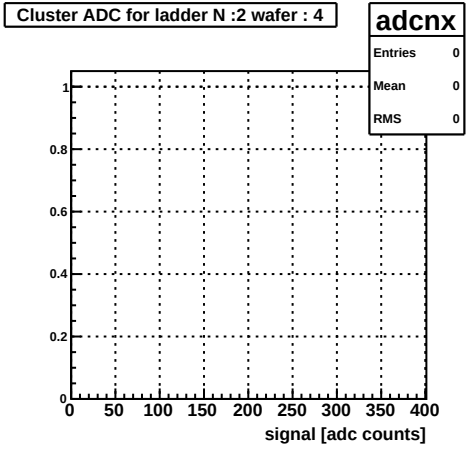

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

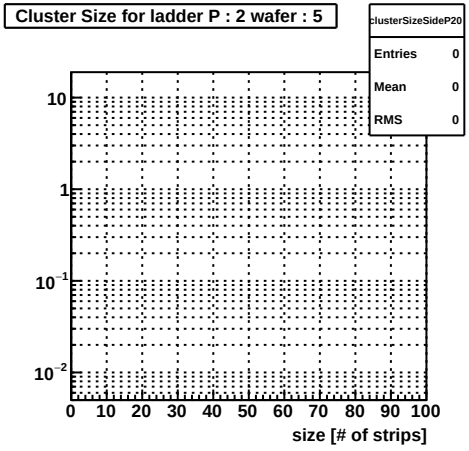

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

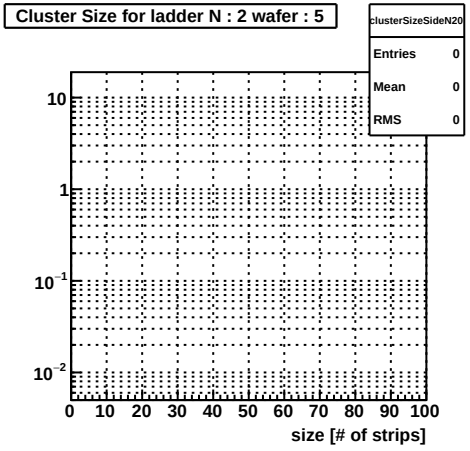

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

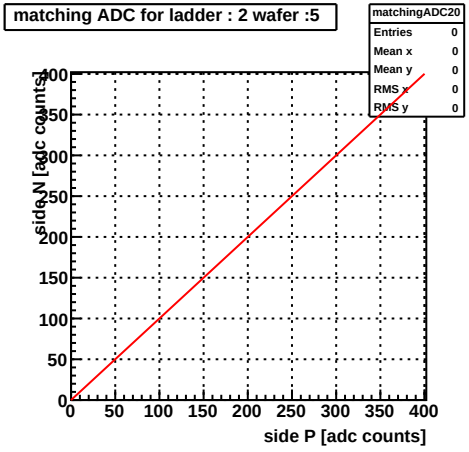

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

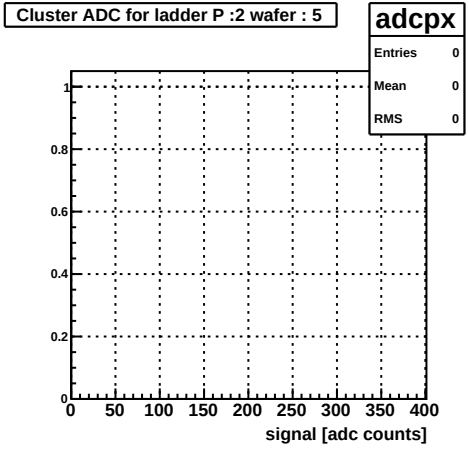

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

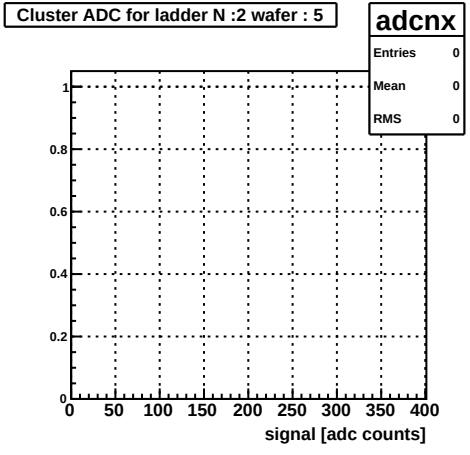

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

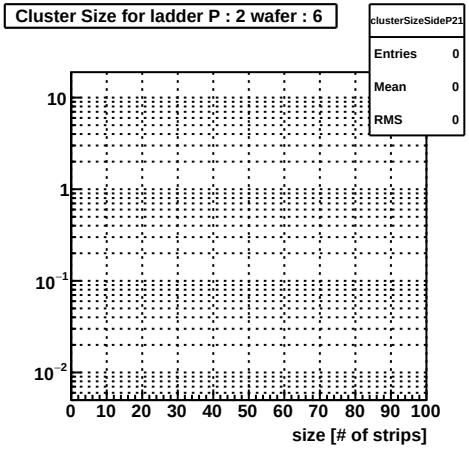

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

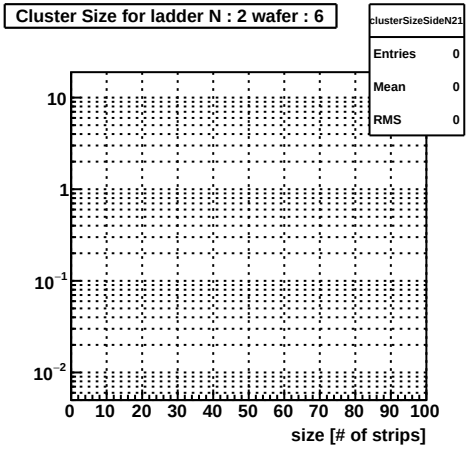

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

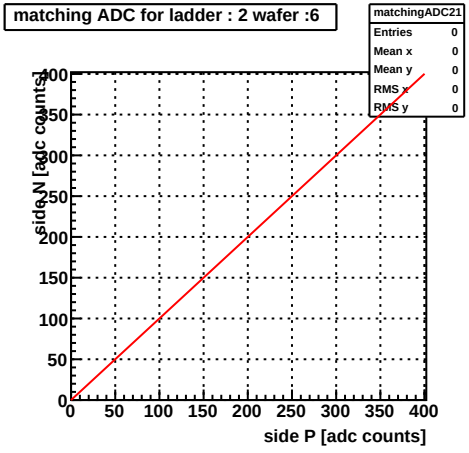

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

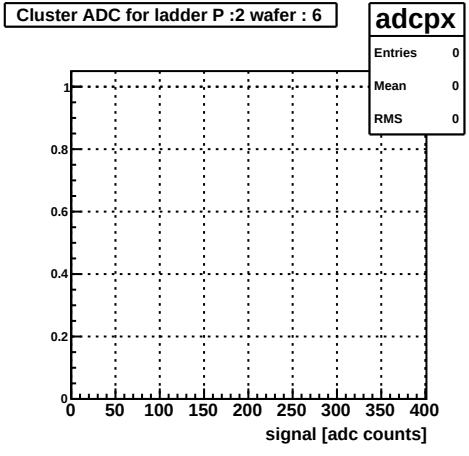

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

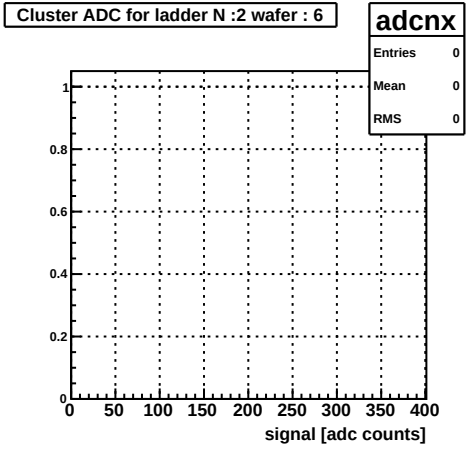

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

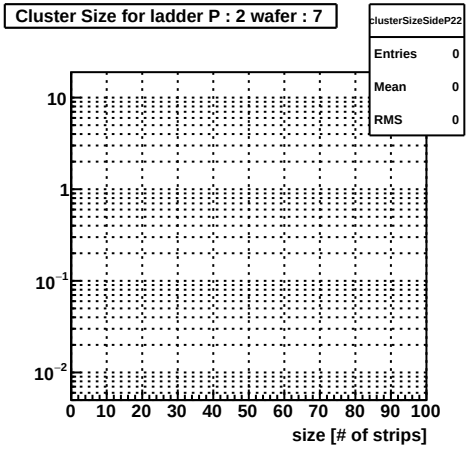

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

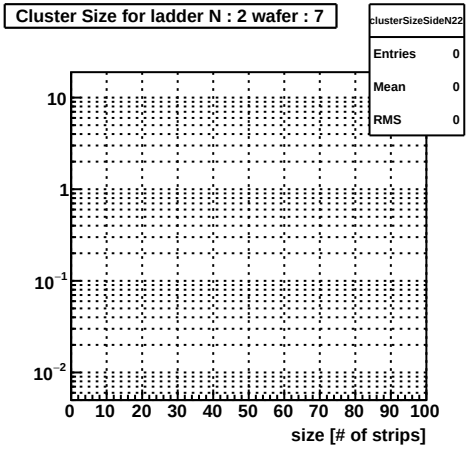

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

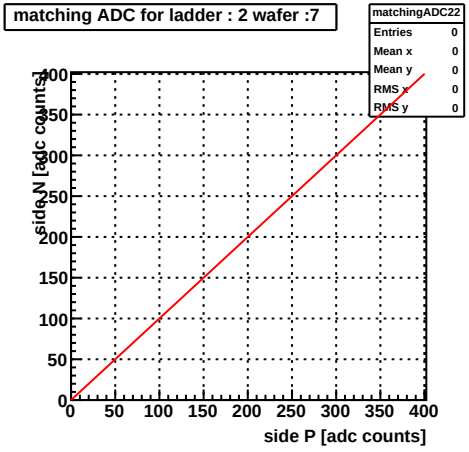

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

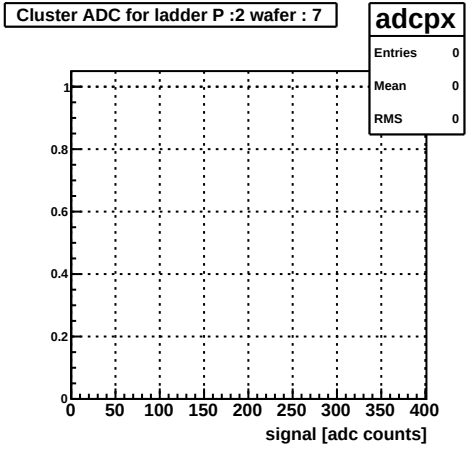

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

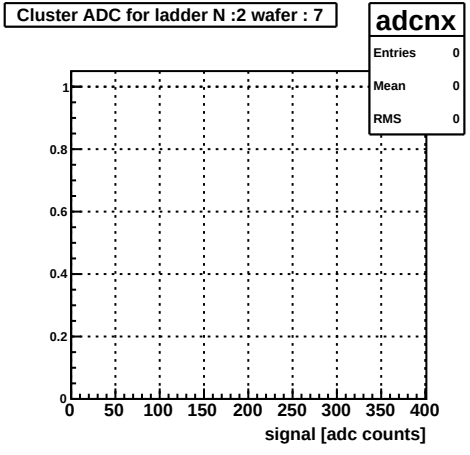

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

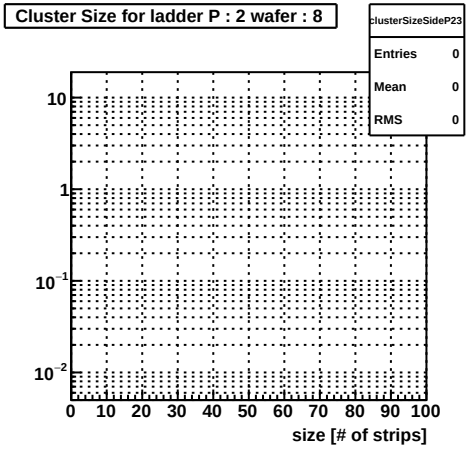

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

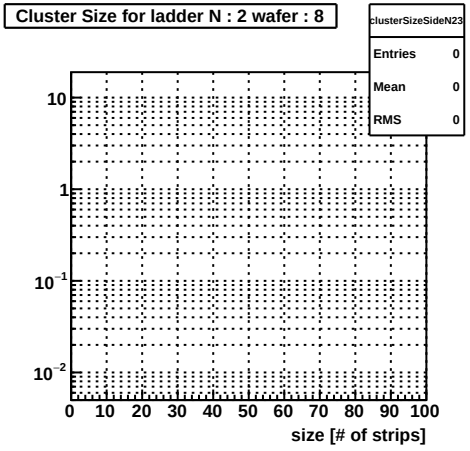

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

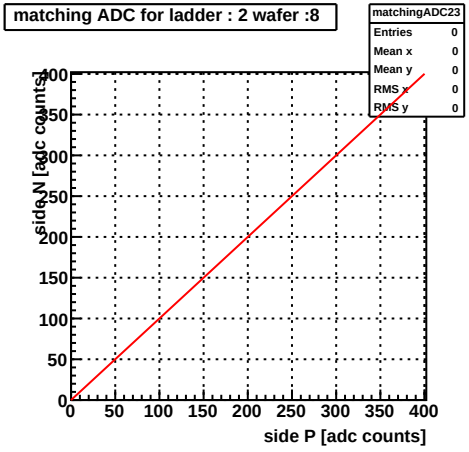

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

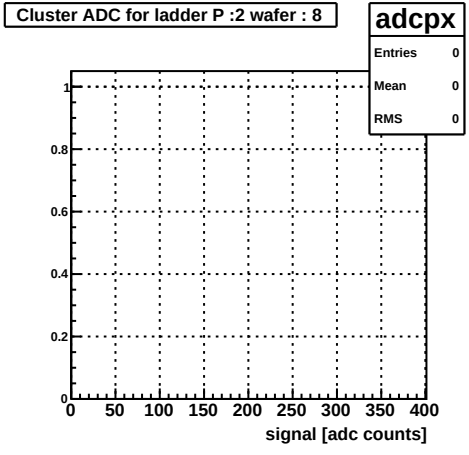

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

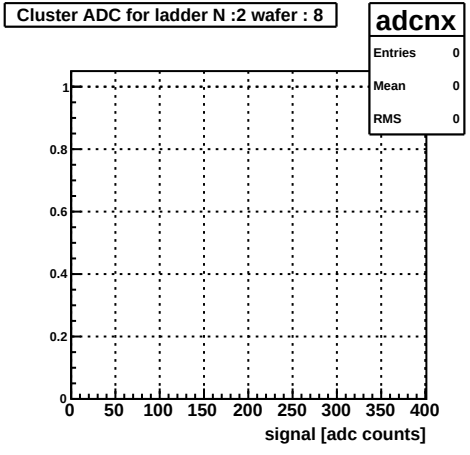

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

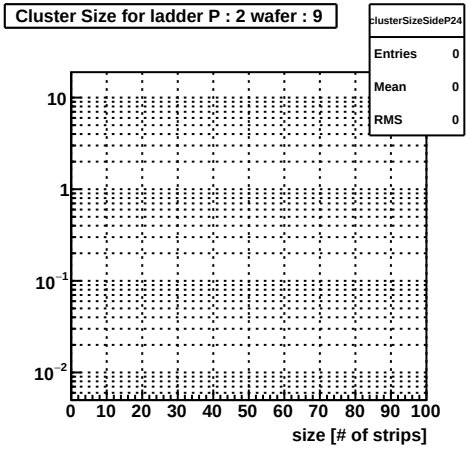

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

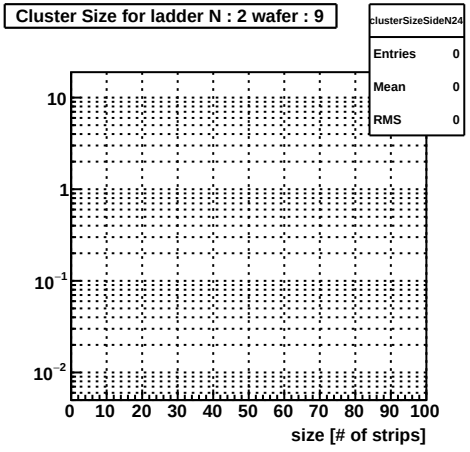

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

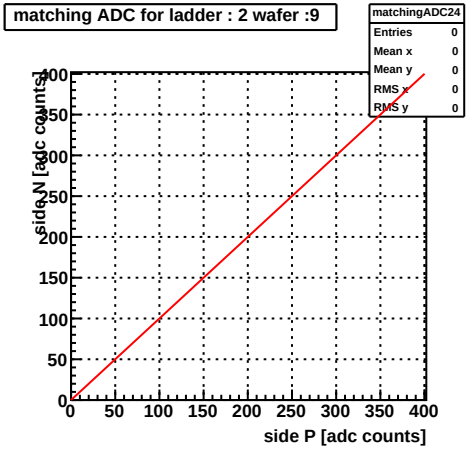

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

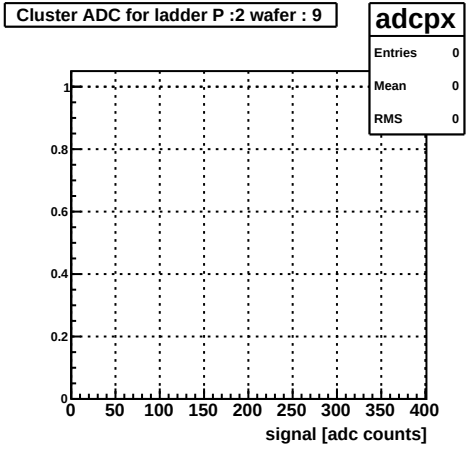

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

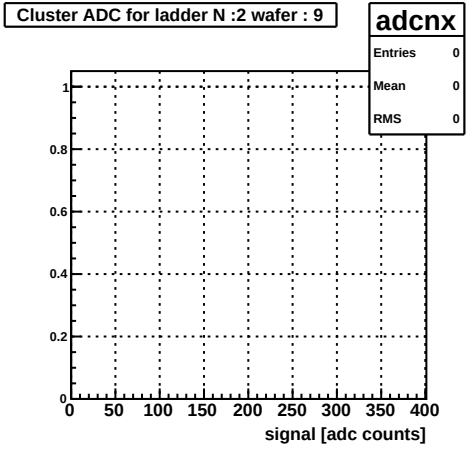

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

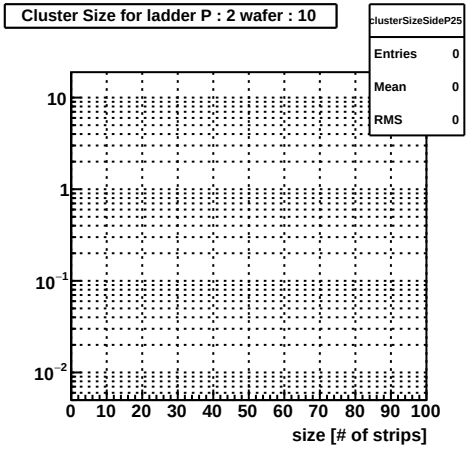

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

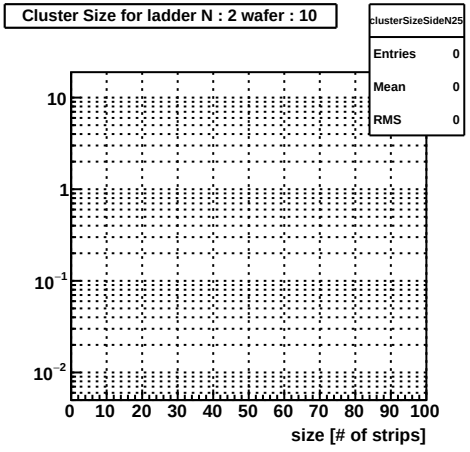

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

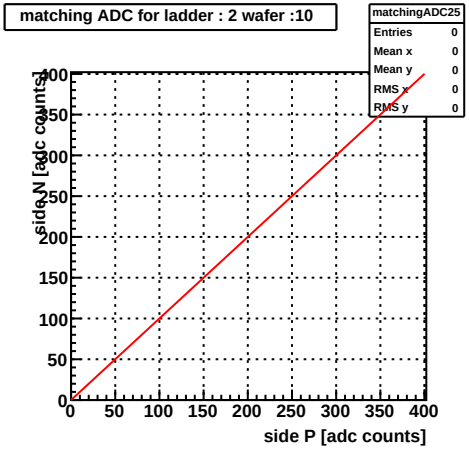

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

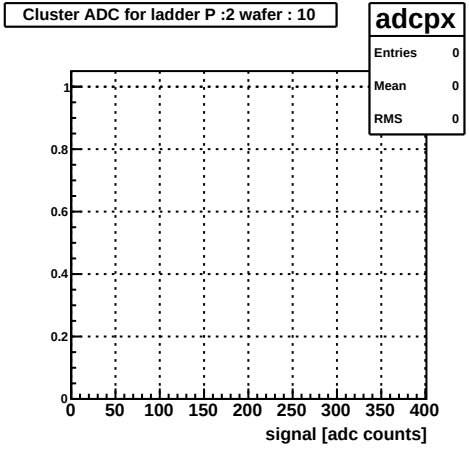

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

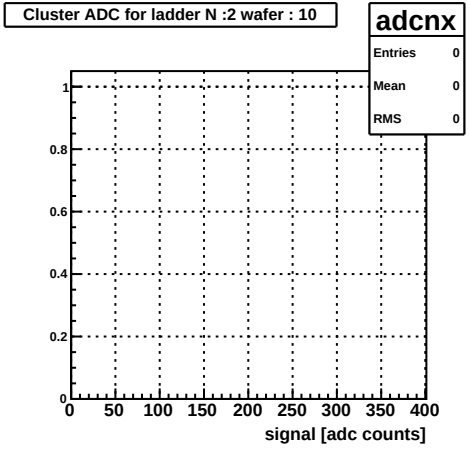

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

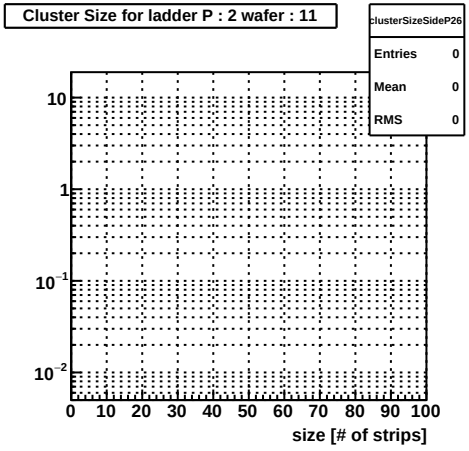

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

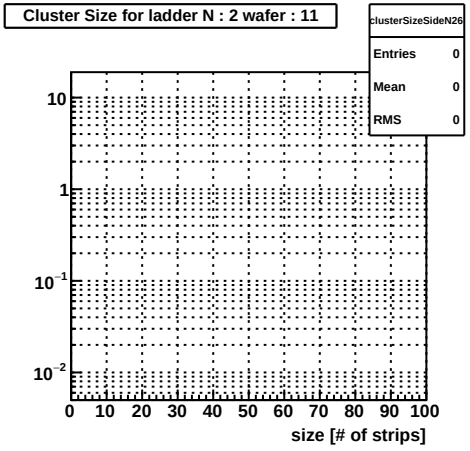

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

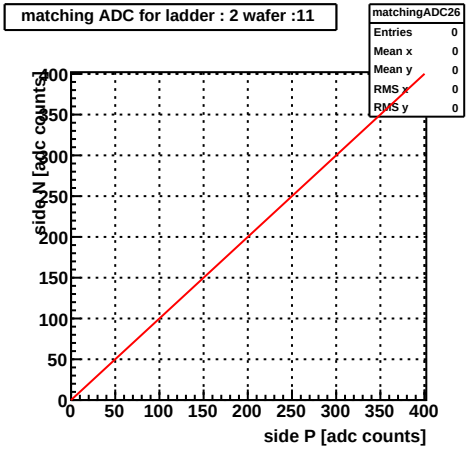

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

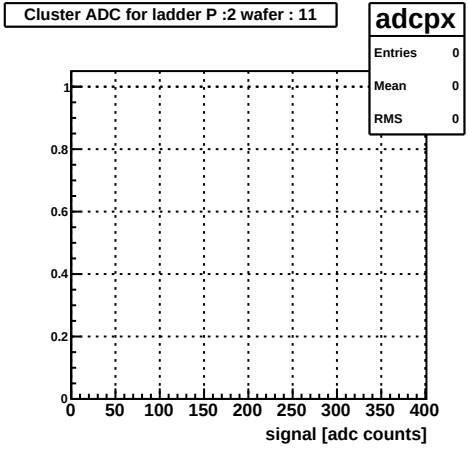

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

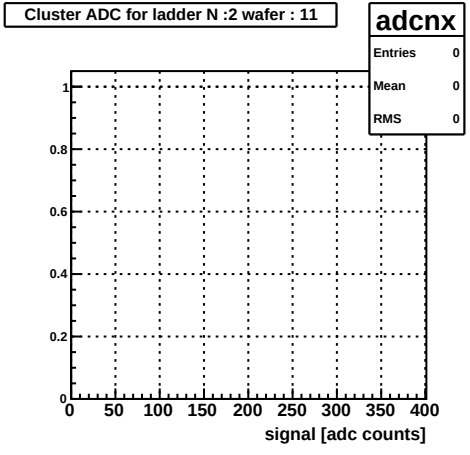

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

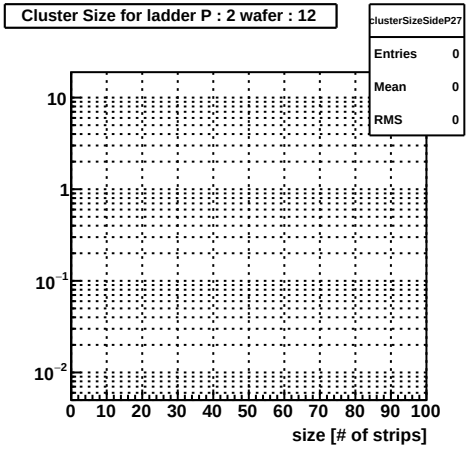

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

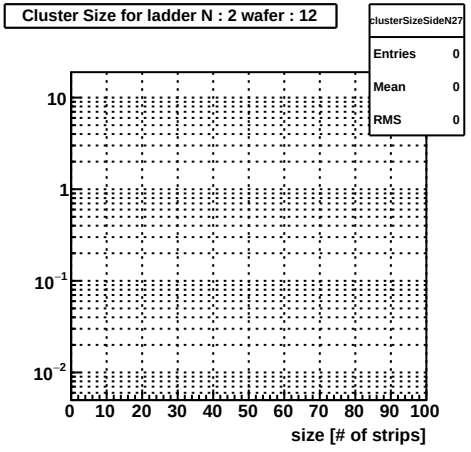

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

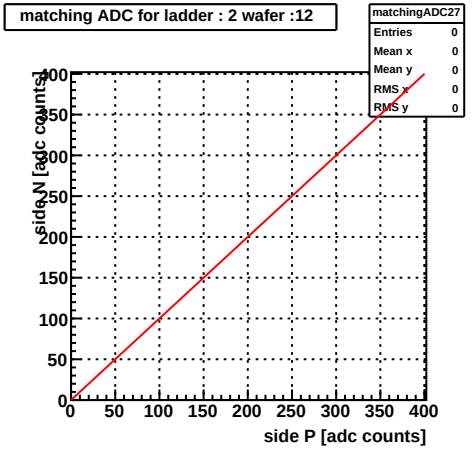

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

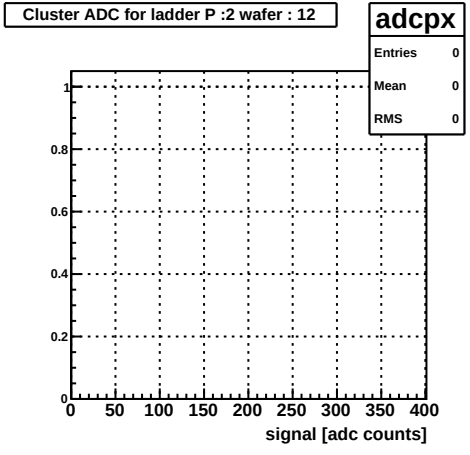

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

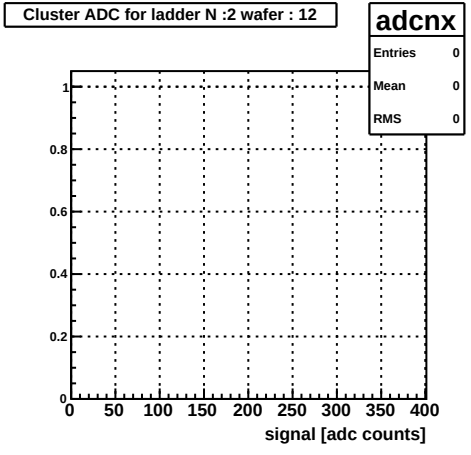

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

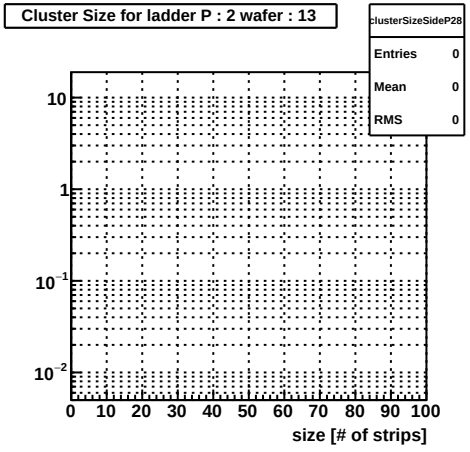

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

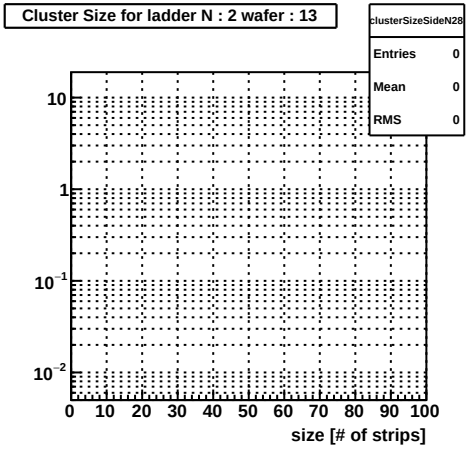

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

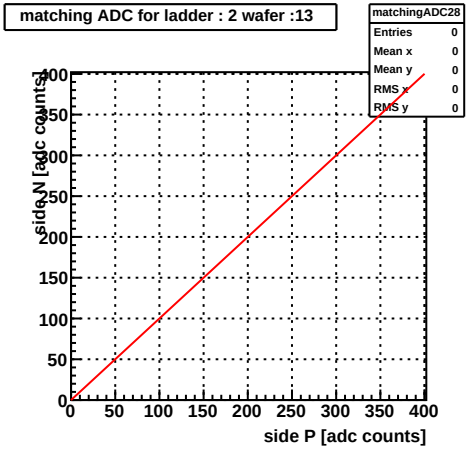

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

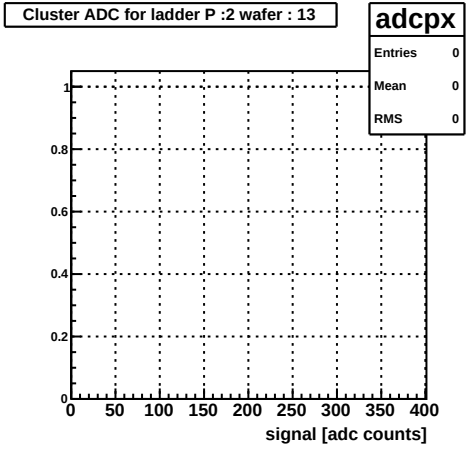

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

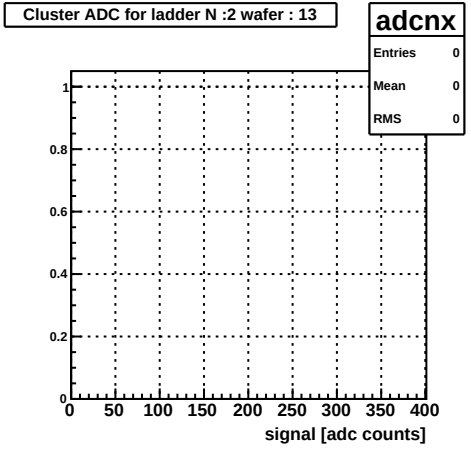

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

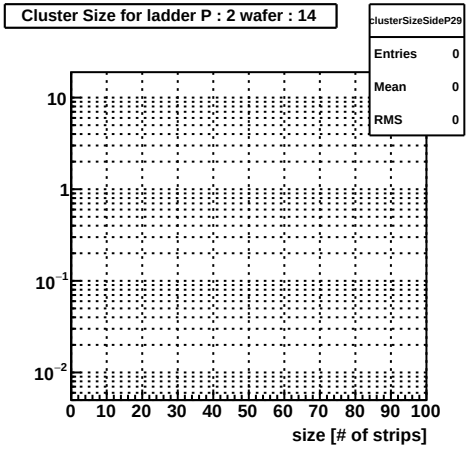

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

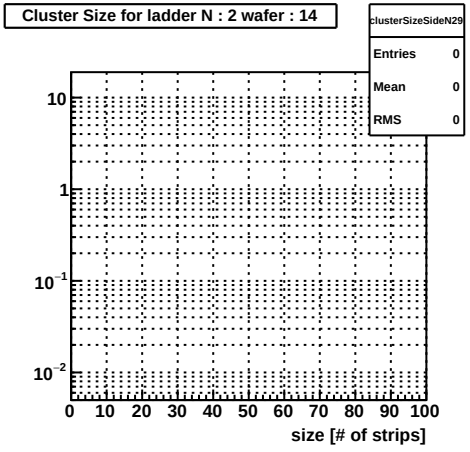

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

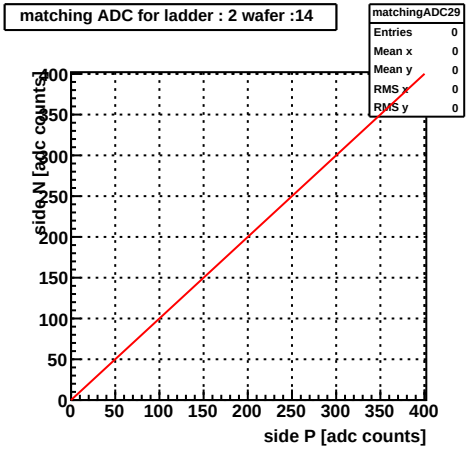

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

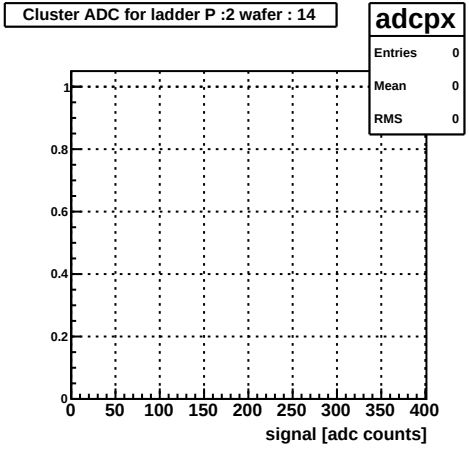

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

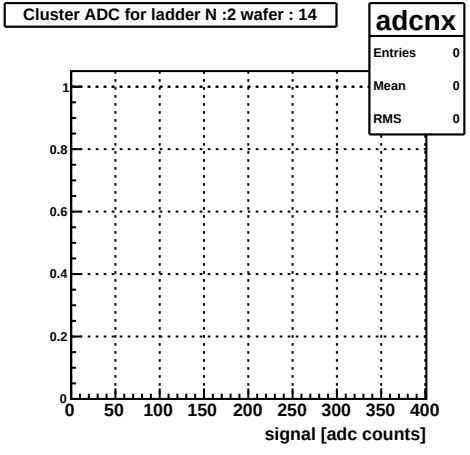

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

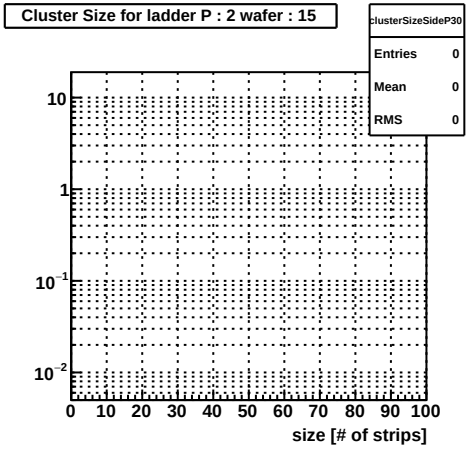

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

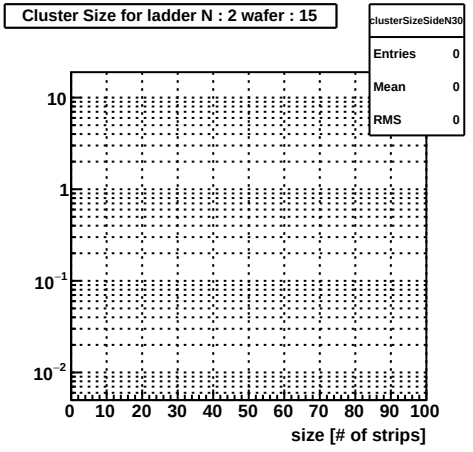

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

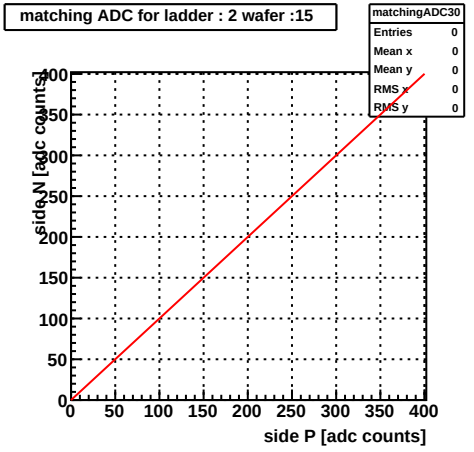

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

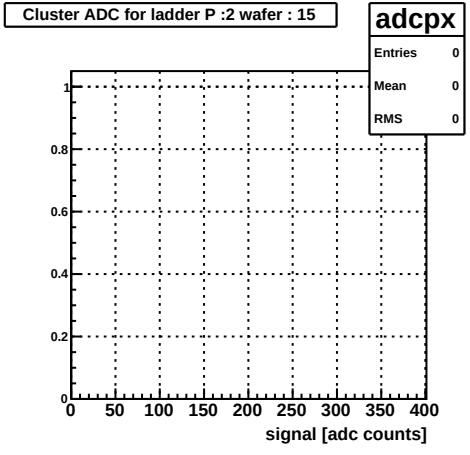

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

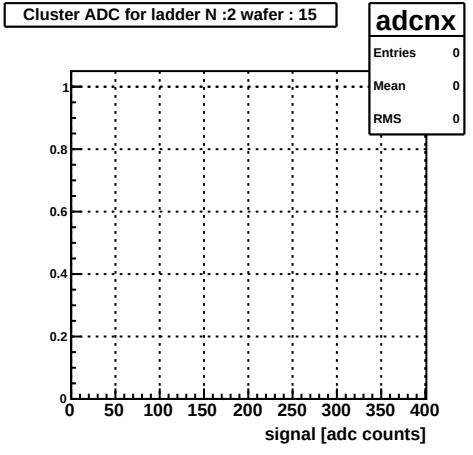

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

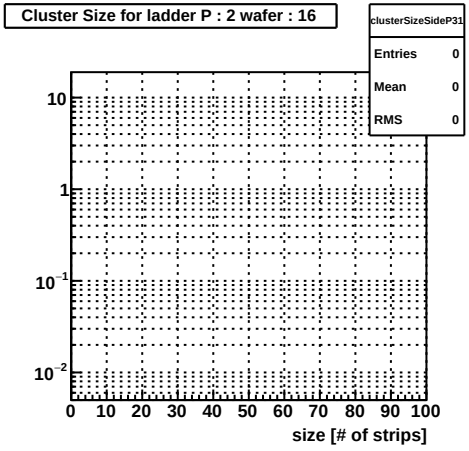

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

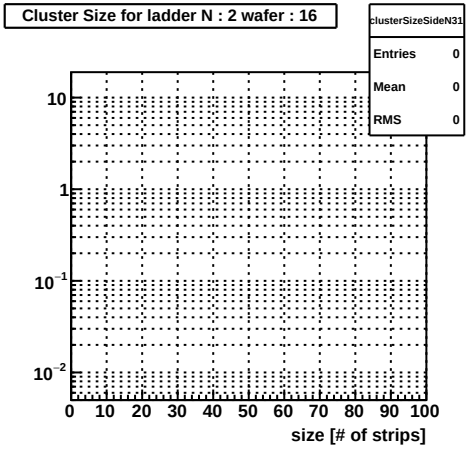

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

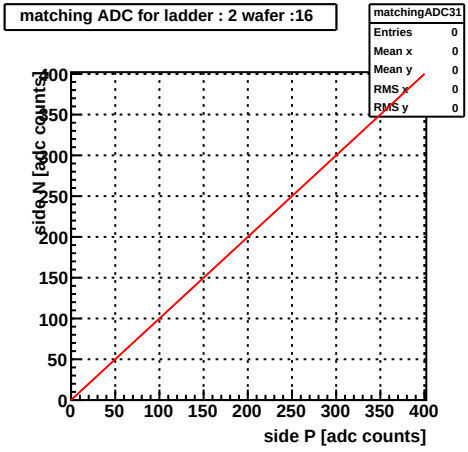

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

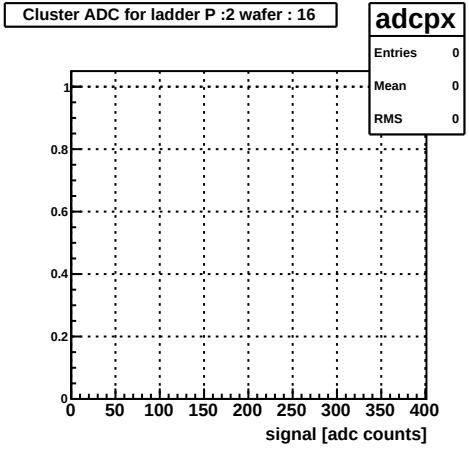

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

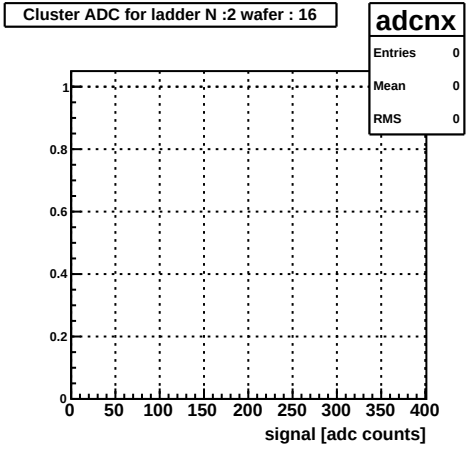

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

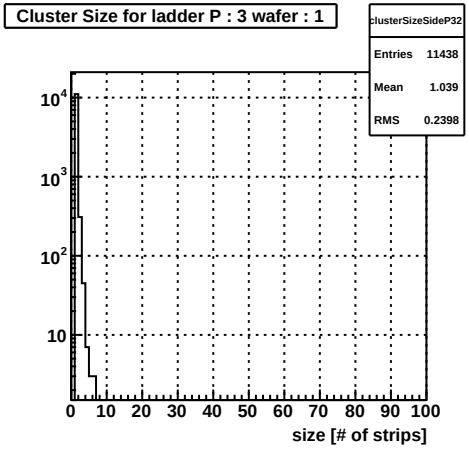

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

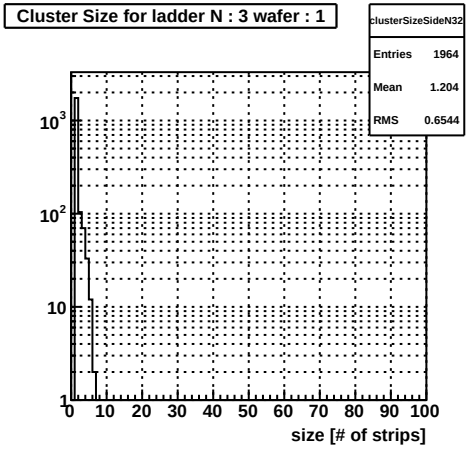

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

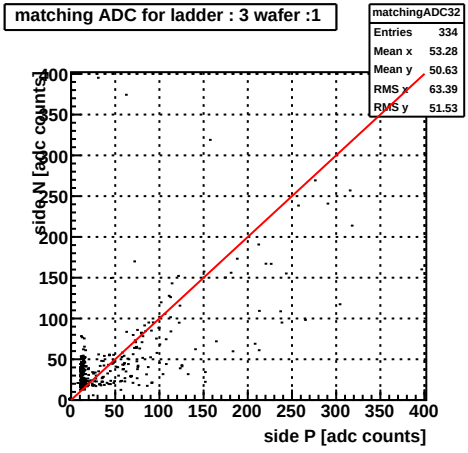

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

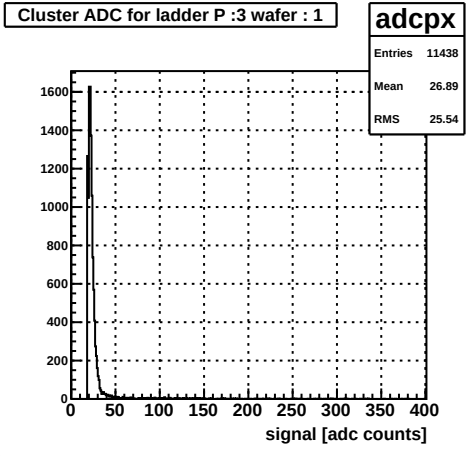

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

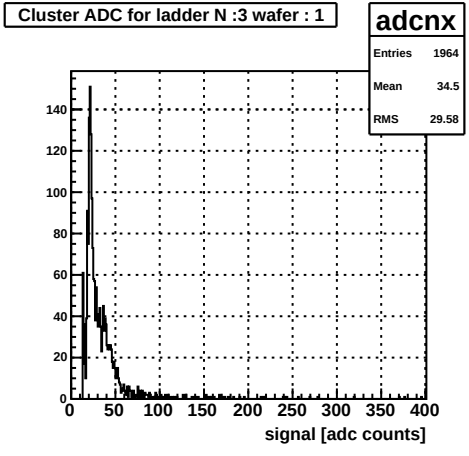

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

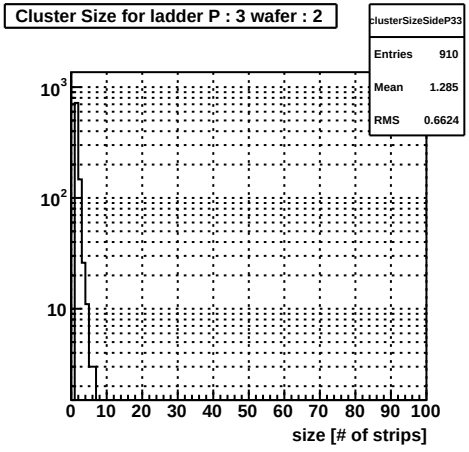

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 11438
Mean 1.039
RMS 0.2398
size [# of strips]

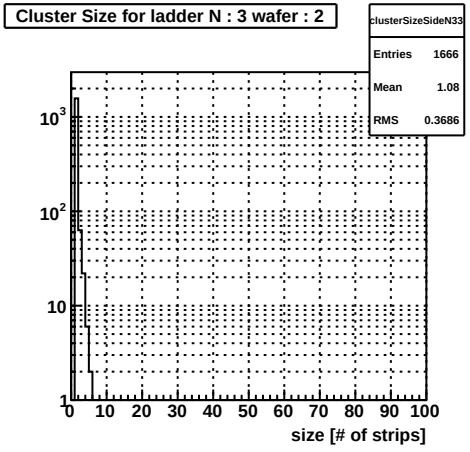

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 1964
Mean 1.204
RMS 0.6544
size [# of strips]

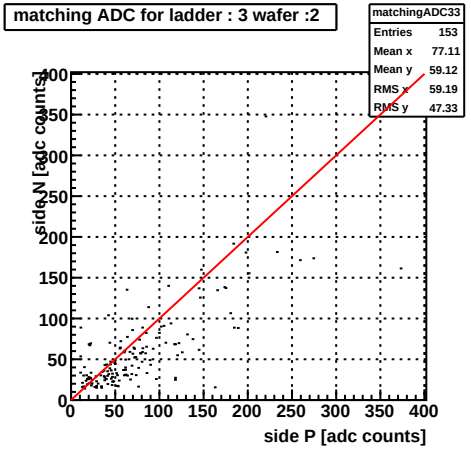

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 334
Mean x 53.28
Mean y 50.63
RMS x 63.39
RMS y 51.53
side N [adc counts]
side P [adc counts]

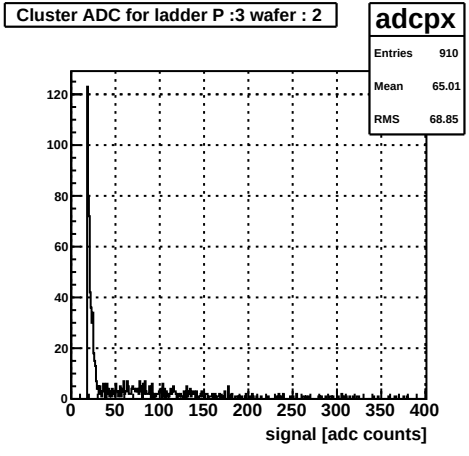

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 11438
Mean 26.89
RMS 25.54
signal [adc counts]

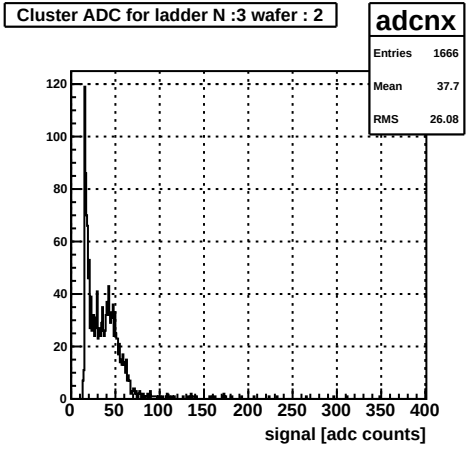

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 1964
Mean 34.5
RMS 29.58
signal [adc counts]

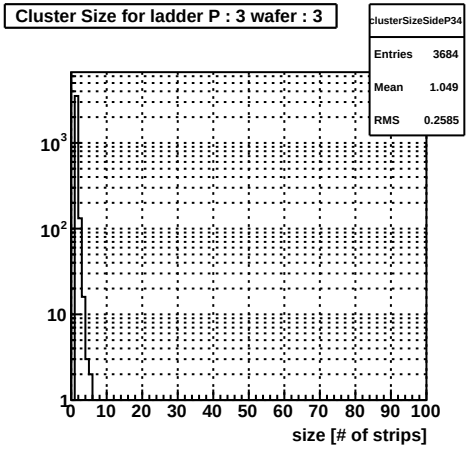

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 910
Mean 1.285
RMS 0.6624
size [# of strips]

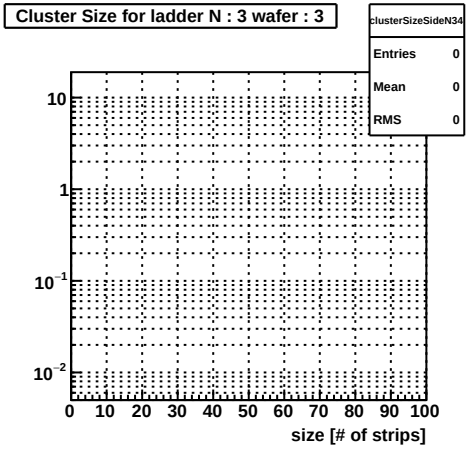

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 1666
Mean 1.08
RMS 0.3686
size [# of strips]

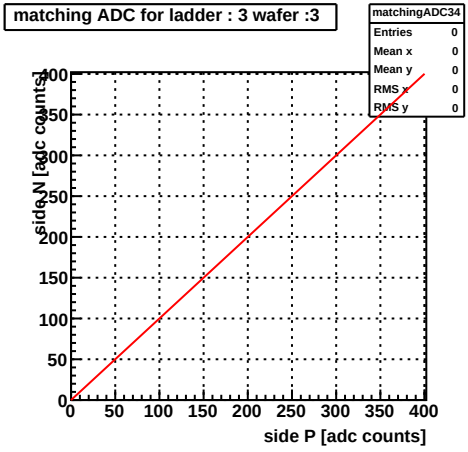

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 153
Mean x 77.11
Mean y 59.12
RMS x 59.19
RMS y 47.33
side N [adc counts]
side P [adc counts]

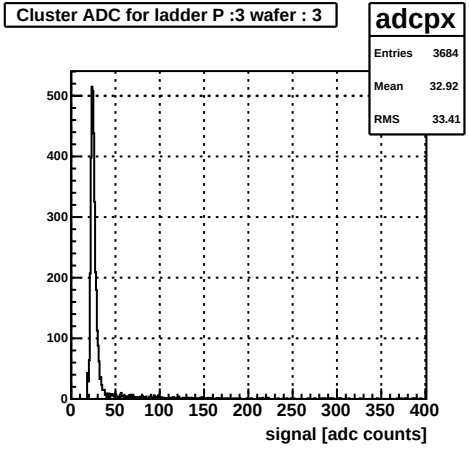

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 910
Mean 65.01
RMS 68.85
signal [adc counts]

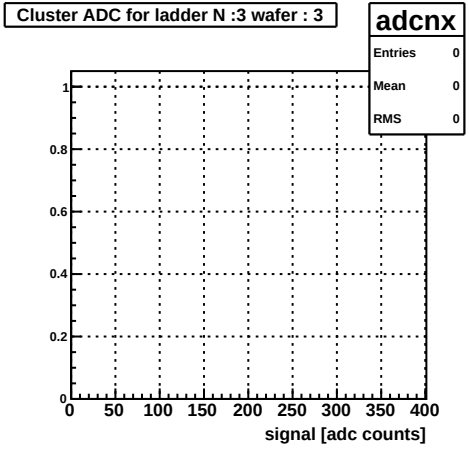

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 1666
Mean 37.7
RMS 26.08
signal [adc counts]

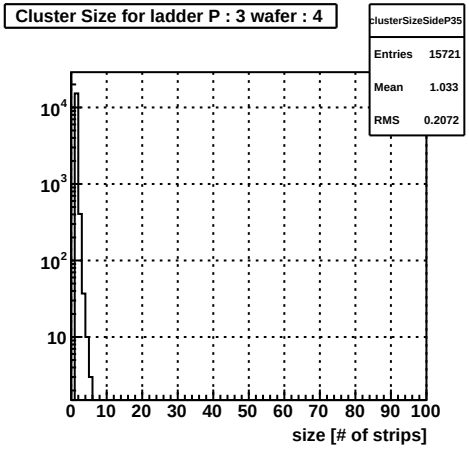

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 3684
Mean 1.049
RMS 0.2585
size [# of strips]

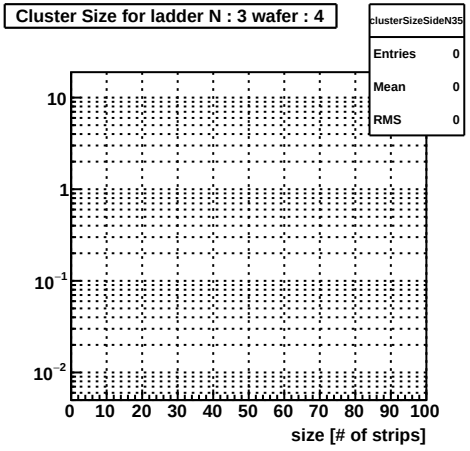

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

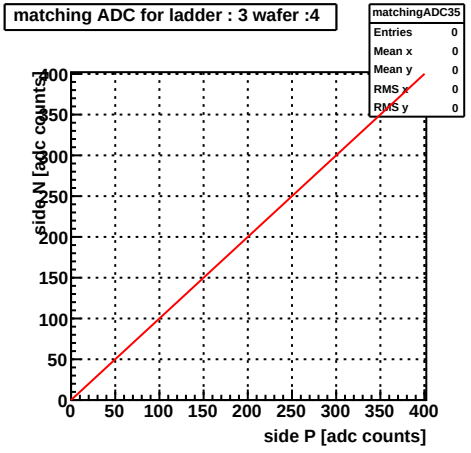

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

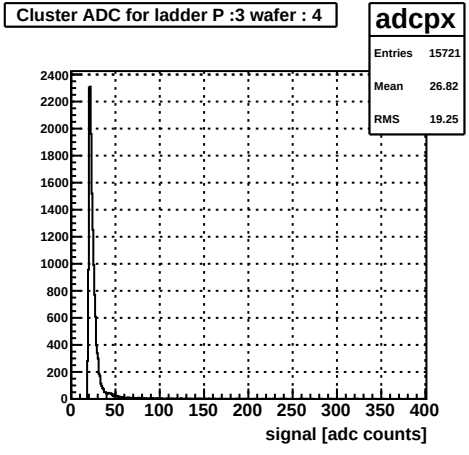

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 3684
Mean 32.92
RMS 33.41
signal [adc counts]

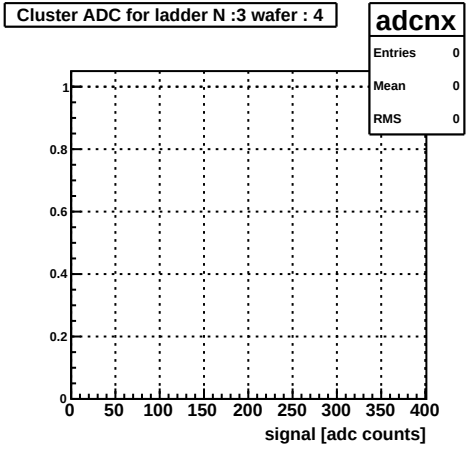

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

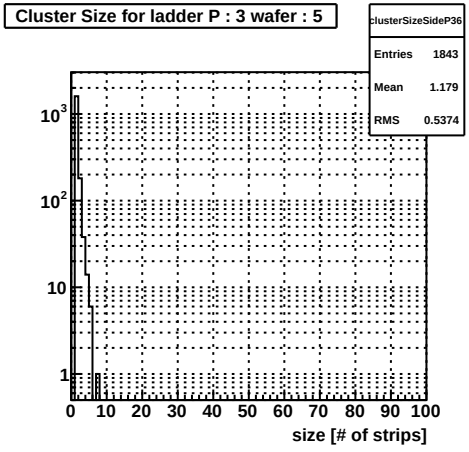

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 15721
Mean 1.033
RMS 0.2072
size [# of strips]

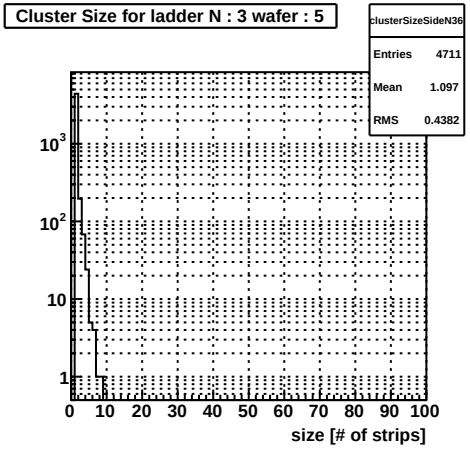

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

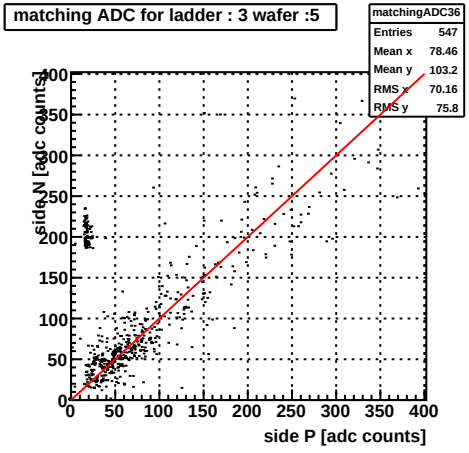

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

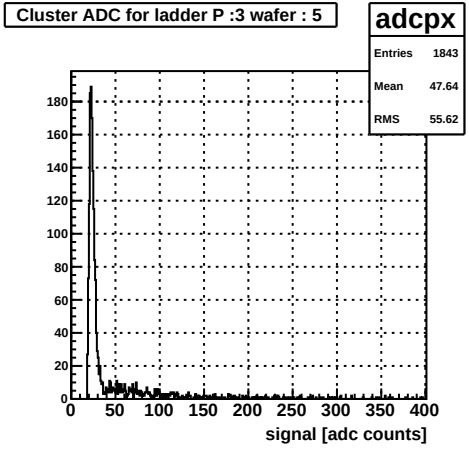

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 15721
Mean 26.82
RMS 19.25
signal [adc counts]

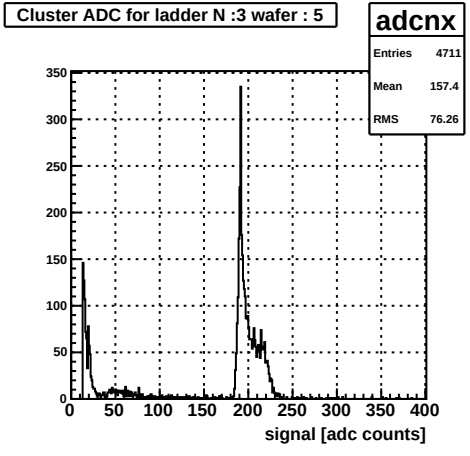

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

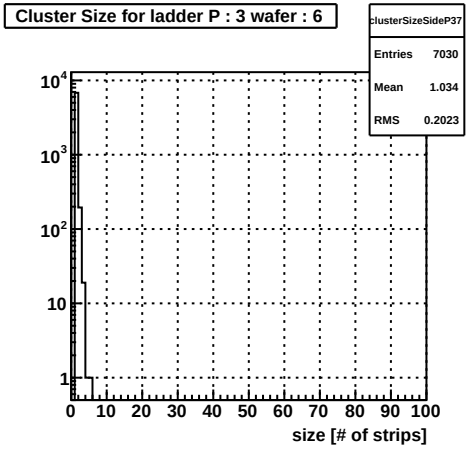

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 1843
Mean 1.179
RMS 0.5374
size [# of strips]

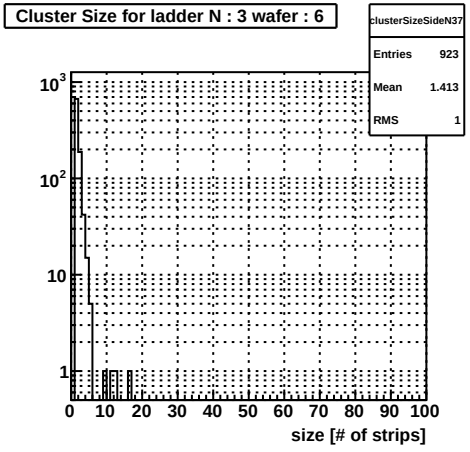

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 4711
Mean 1.097
RMS 0.4382
size [# of strips]

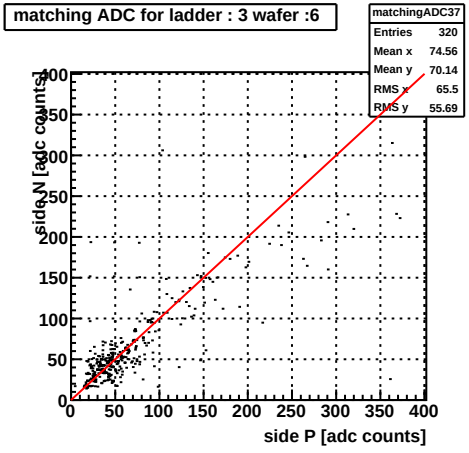

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 547
Mean x 78.46
Mean y 103.2
RMS x 70.16
RMS y 75.8
side N [adc counts]
side P [adc counts]

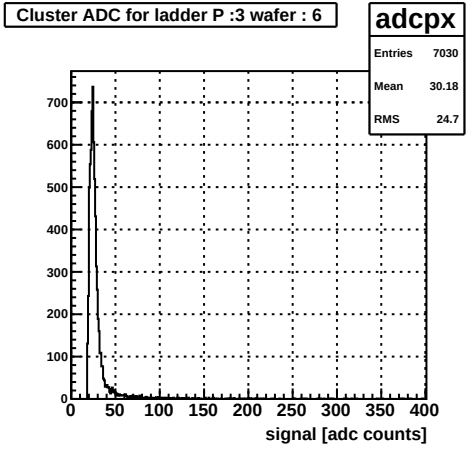

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 1843
Mean 47.64
RMS 55.62
signal [adc counts]

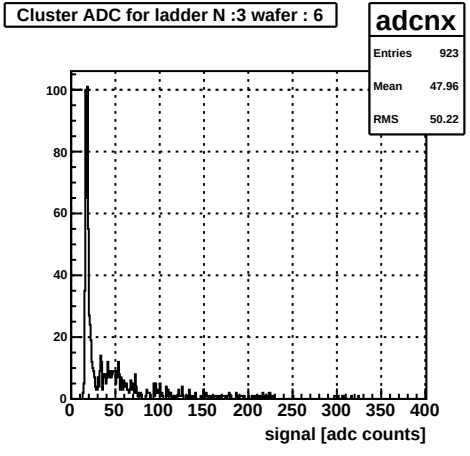

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 4711
Mean 157.4
RMS 76.26
signal [adc counts]

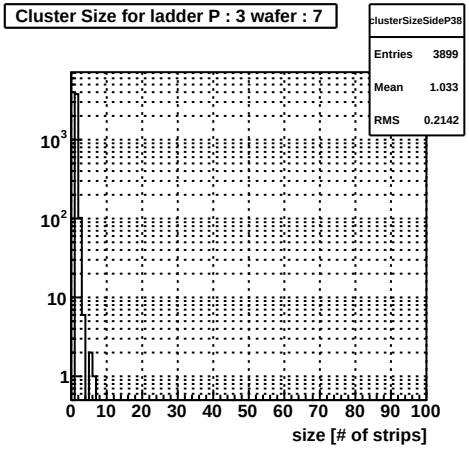

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 7030
Mean 1.034
RMS 0.2023
size [# of strips]

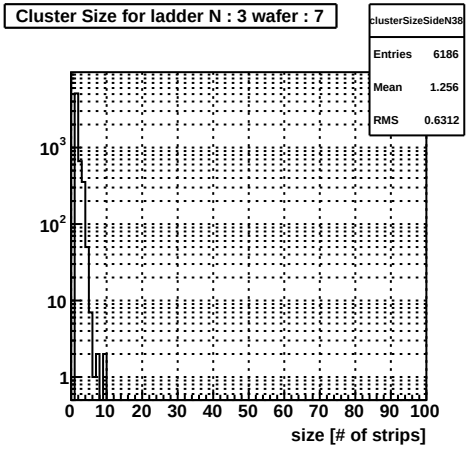

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 923
Mean 1.413
RMS 1
size [# of strips]

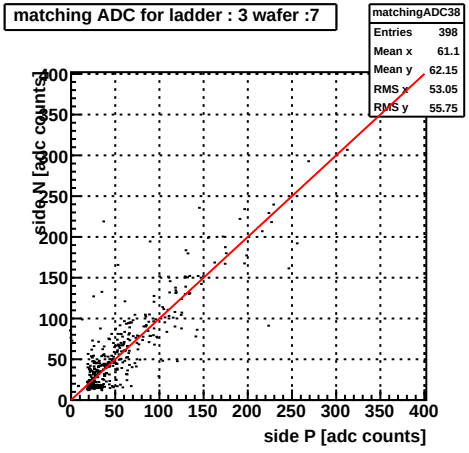

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 320
Mean x 74.56
Mean y 70.14
RMS x 65.5
RMS y 55.69
side N [adc counts]
side P [adc counts]

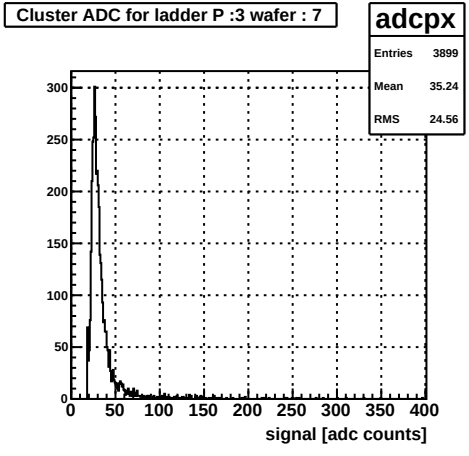

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 7030
Mean 30.18
RMS 24.7
signal [adc counts]

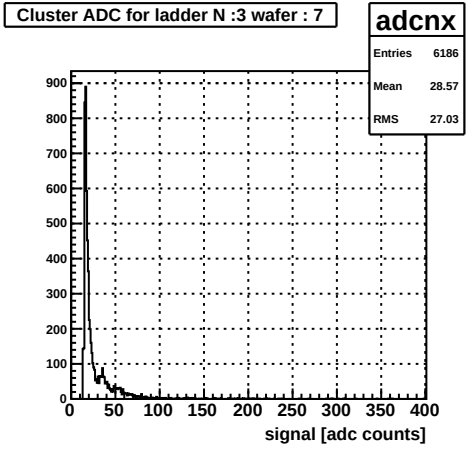

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 923
Mean 47.96
RMS 50.22
signal [adc counts]

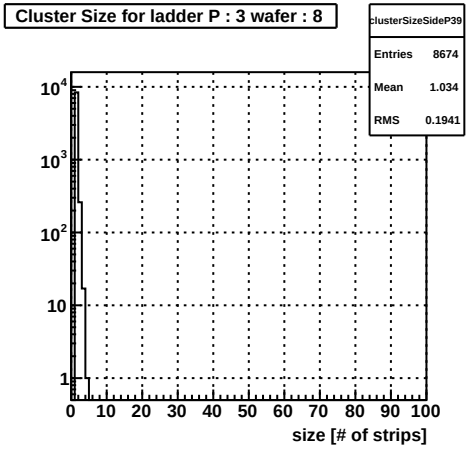

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 3899
Mean 1.033
RMS 0.2142
size [# of strips]

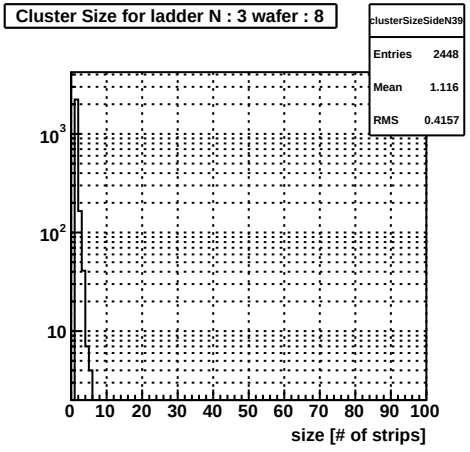

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 6186
Mean 1.256
RMS 0.6312
size [# of strips]

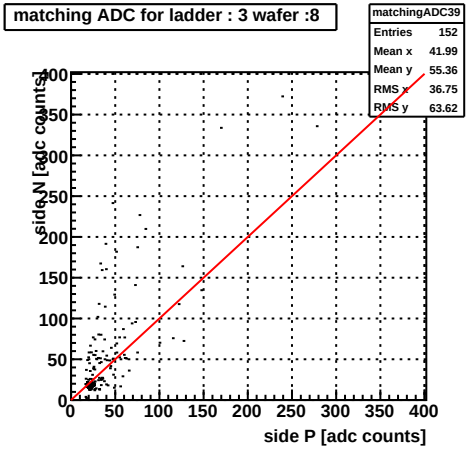

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 398
Mean x 61.1
Mean y 62.15
RMS x 53.05
RMS y 55.75
side N [adc counts]
side P [adc counts]

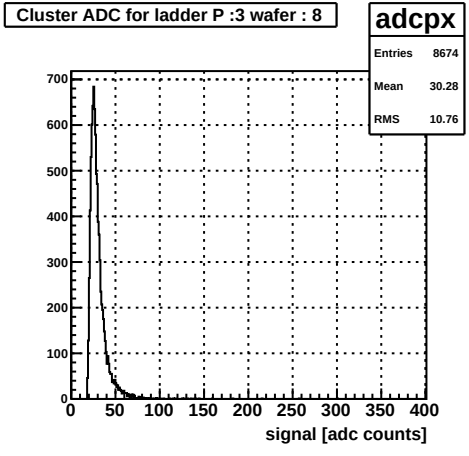

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 3899
Mean 35.24
RMS 24.56
signal [adc counts]

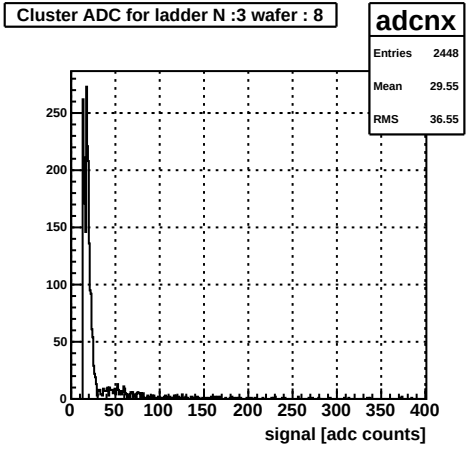

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 6186
Mean 28.57
RMS 27.03
signal [adc counts]

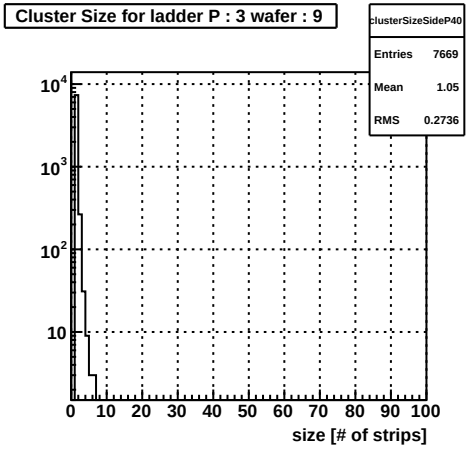

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 8674
Mean 1.034
RMS 0.1941
size [# of strips]

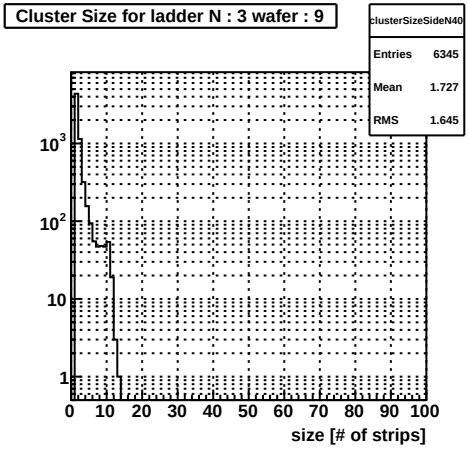

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 2448
Mean 1.116
RMS 0.4157
size [# of strips]

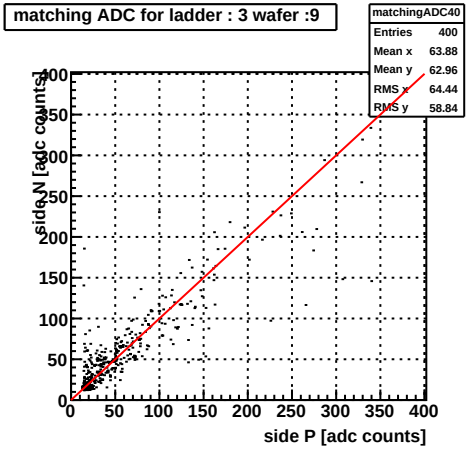

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 152
Mean x 41.99
Mean y 55.36
RMS x 36.75
RMS y 63.62
side N [adc counts]
side P [adc counts]

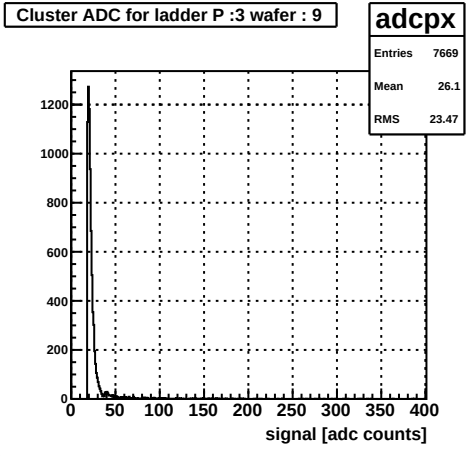

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 8674
Mean 30.28
RMS 10.76
signal [adc counts]

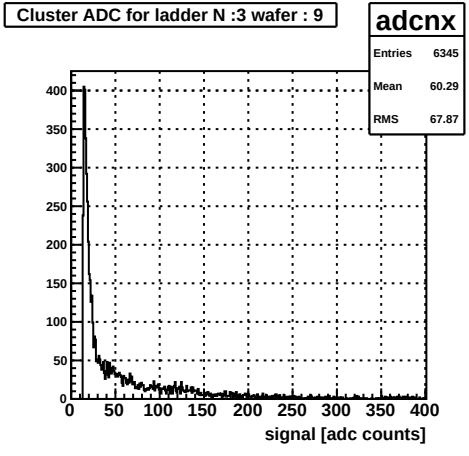

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 2448
Mean 29.55
RMS 36.55
signal [adc counts]

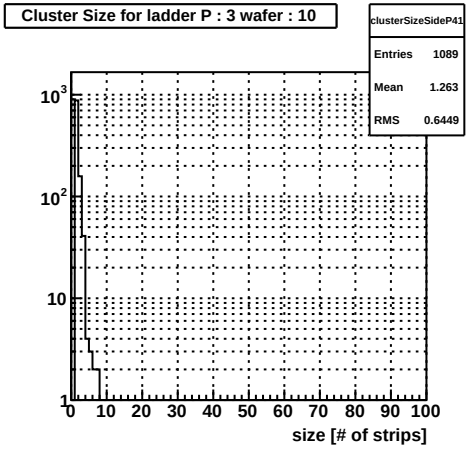

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 7669
Mean 1.05
RMS 0.2736
size [# of strips]

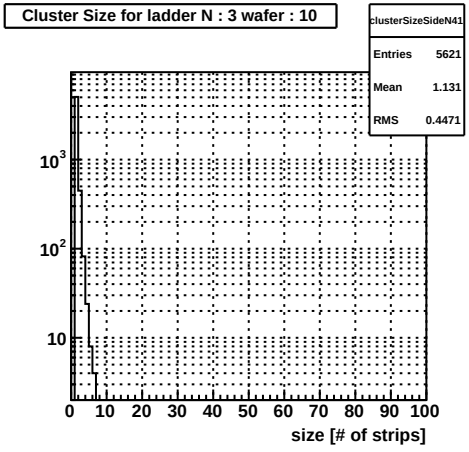

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 6345
Mean 1.727
RMS 1.645
size [# of strips]

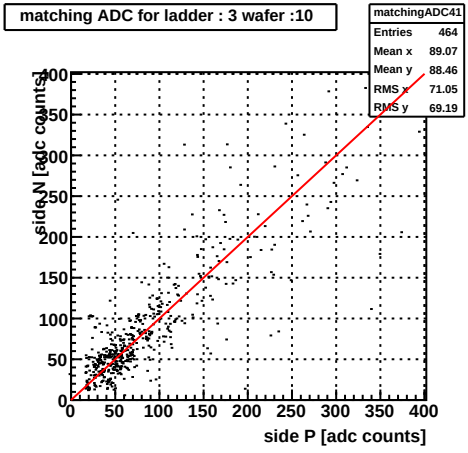

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 400
Mean x 63.88
Mean y 62.96
RMS x 64.44
RMS y 58.84
side N [adc counts]
side P [adc counts]

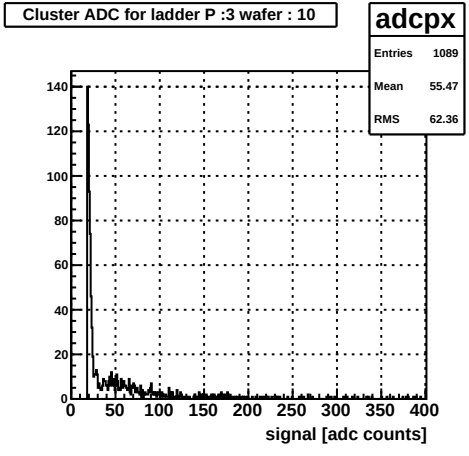

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 7669
Mean 26.1
RMS 23.47
signal [adc counts]

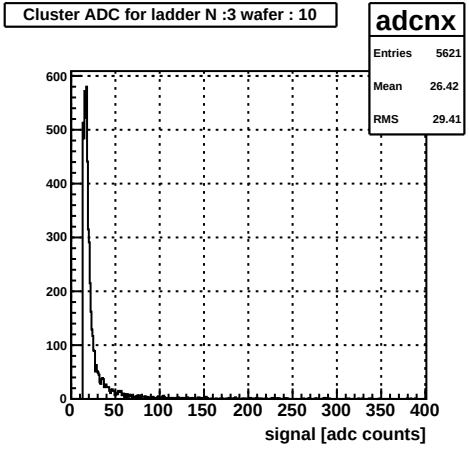

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 6345
Mean 60.29
RMS 67.87
signal [adc counts]

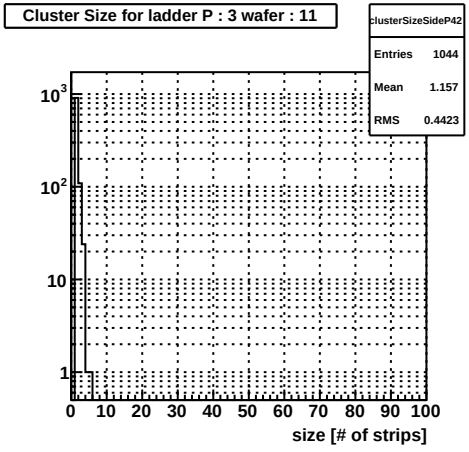

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 1089
Mean 1.263
RMS 0.6449
size [# of strips]

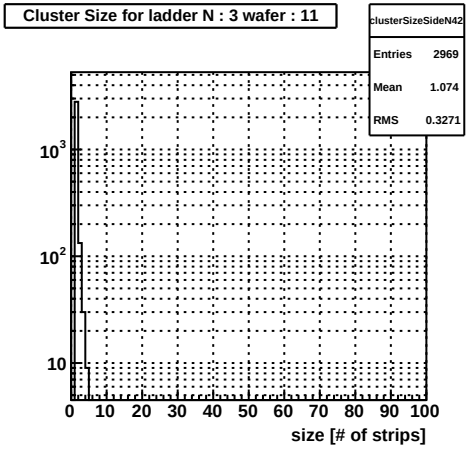

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 5621
Mean 1.131
RMS 0.4471
size [# of strips]

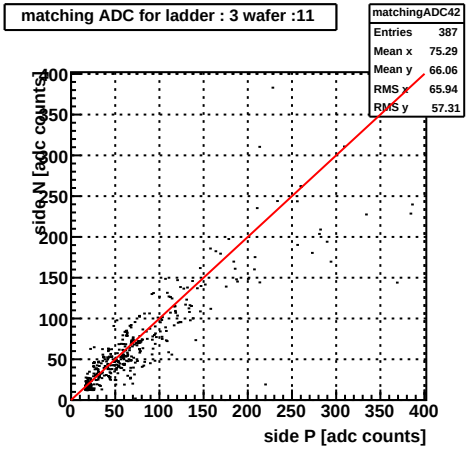

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 464
Mean x 89.07
Mean y 88.46
RMS x 71.05
RMS y 69.19
side N [adc counts]
side P [adc counts]

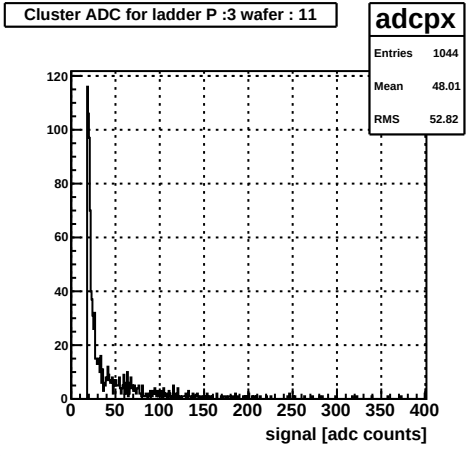

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 1089
Mean 55.47
RMS 62.36
signal [adc counts]

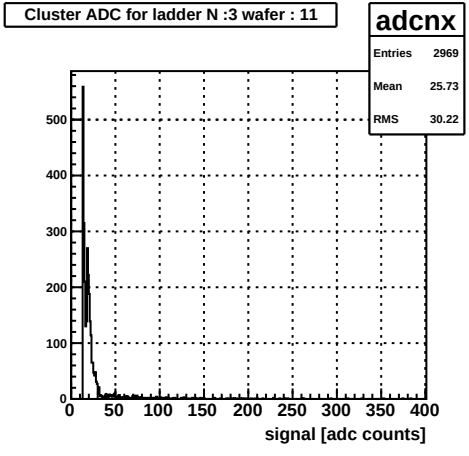

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 5621
Mean 26.42
RMS 29.41
signal [adc counts]

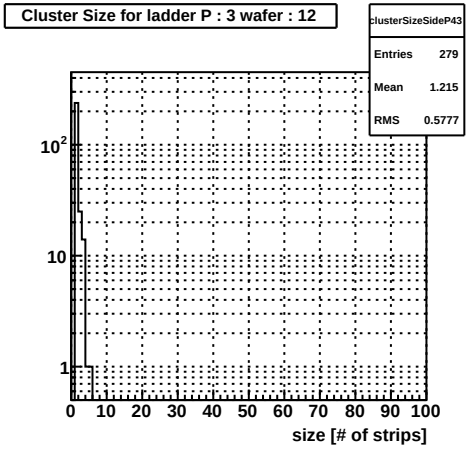

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 1044
Mean 1.157
RMS 0.4423
size [# of strips]

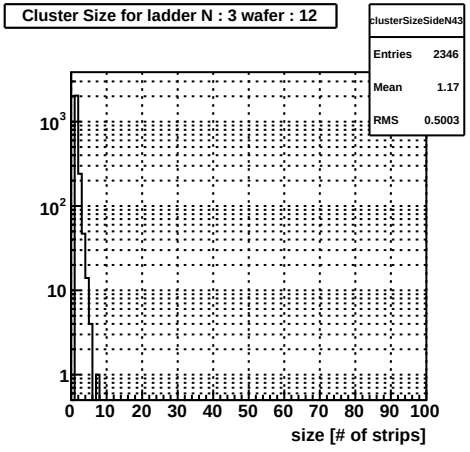

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 2969
Mean 1.074
RMS 0.3271
size [# of strips]

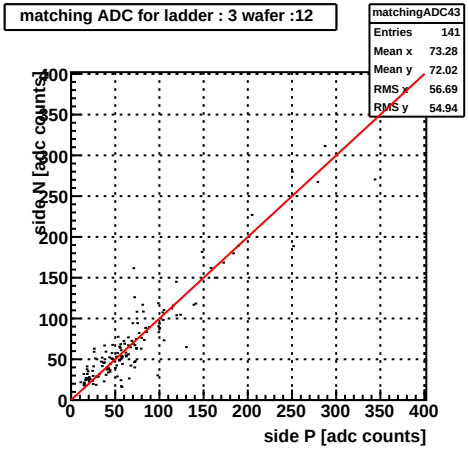

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 387
Mean x 75.29
Mean y 66.06
RMS x 65.94
RMS y 57.31
side N [adc counts]
side P [adc counts]

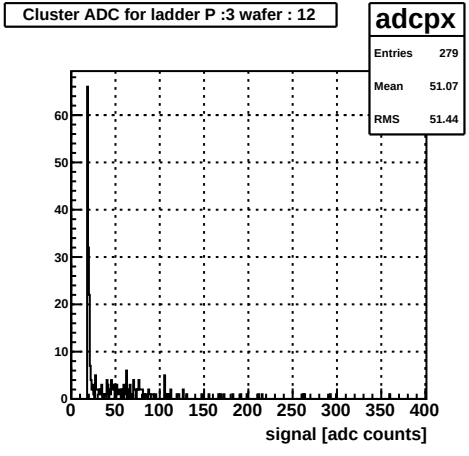

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 1044
Mean 48.01
RMS 52.82
signal [adc counts]

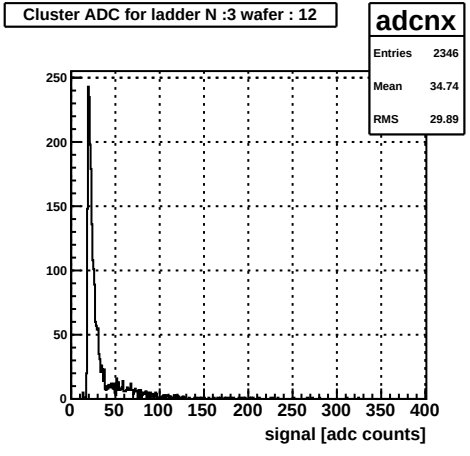

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 2969
Mean 25.73
RMS 30.22
signal [adc counts]

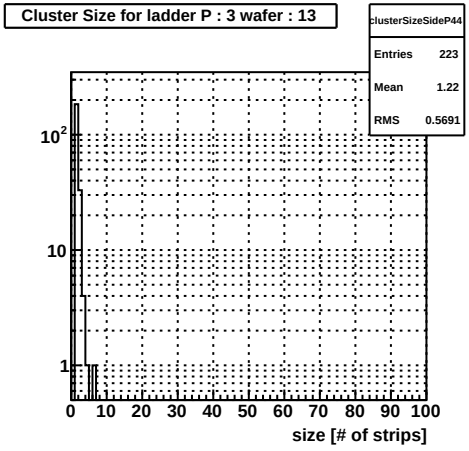

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 279
Mean 1.215
RMS 0.5777
size [# of strips]

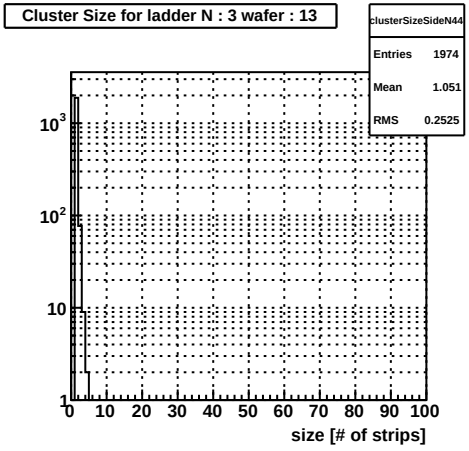

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 2346
Mean 1.17
RMS 0.5003
size [# of strips]

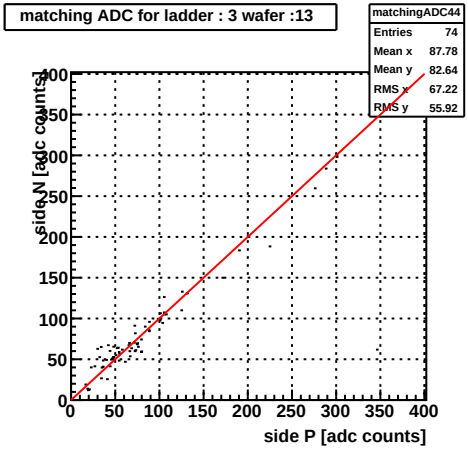

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 141
Mean x 73.28
Mean y 72.02
RMS x 56.69
RMS y 54.94
side N [adc counts]
side P [adc counts]

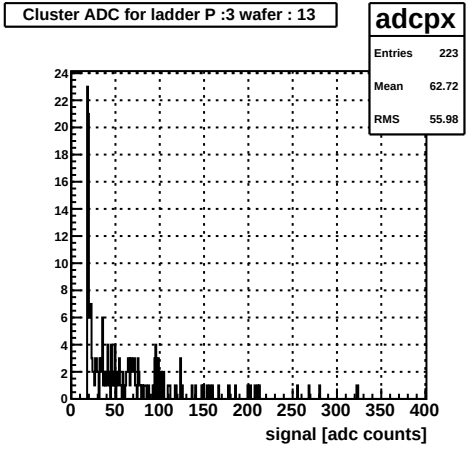

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 279
Mean 51.07
RMS 51.44
signal [adc counts]

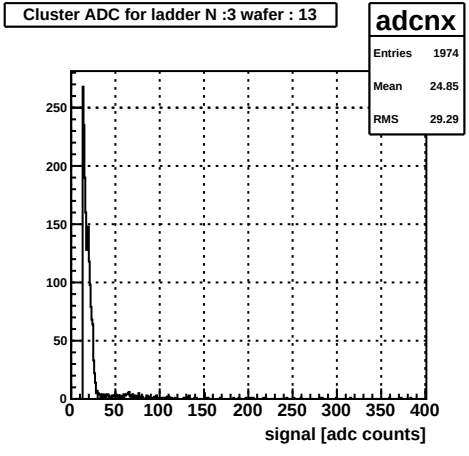

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 2346
Mean 34.74
RMS 29.89
signal [adc counts]

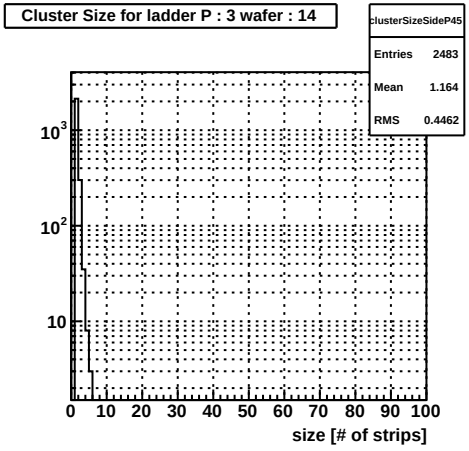

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 223
Mean 1.22
RMS 0.5691
size [# of strips]

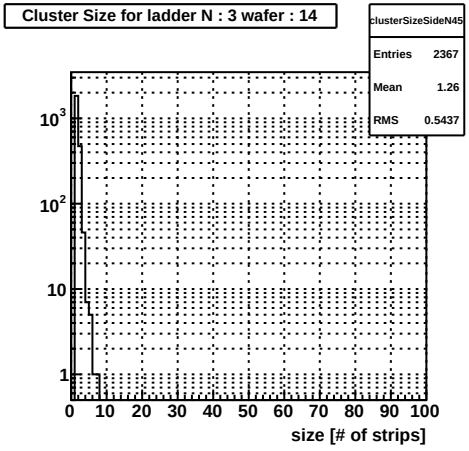

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 1974
Mean 1.051
RMS 0.2525
size [# of strips]

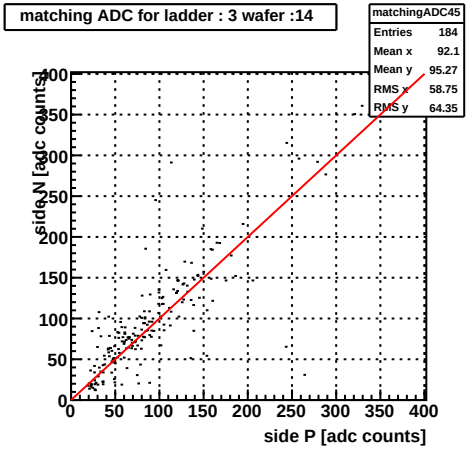

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 74
Mean x 87.78
Mean y 82.64
RMS x 67.22
RMS y 55.92
side N [adc counts]
side P [adc counts]

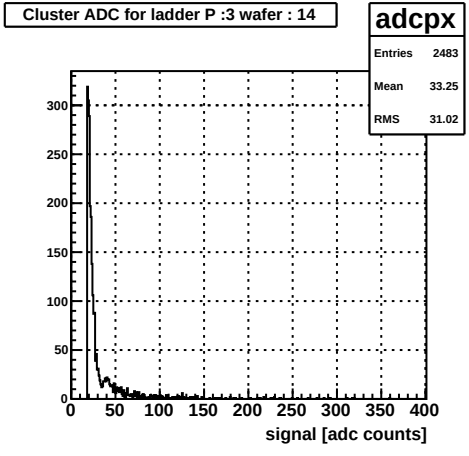

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 223
Mean 62.72
RMS 55.98
signal [adc counts]

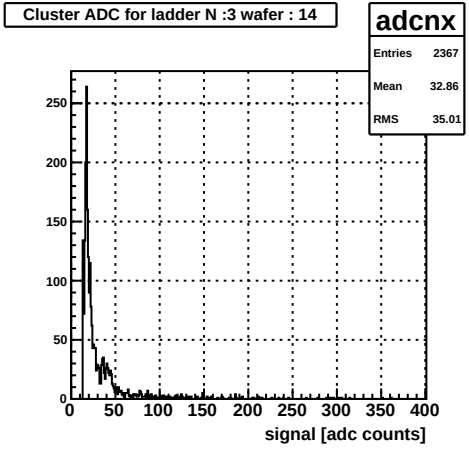

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 1974
Mean 24.85
RMS 29.29
signal [adc counts]

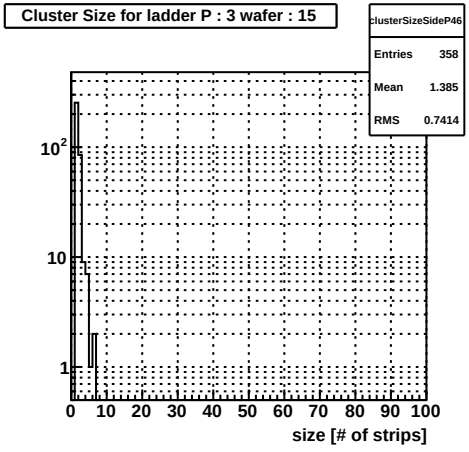

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 2483
Mean 1.164
RMS 0.4462
size [# of strips]

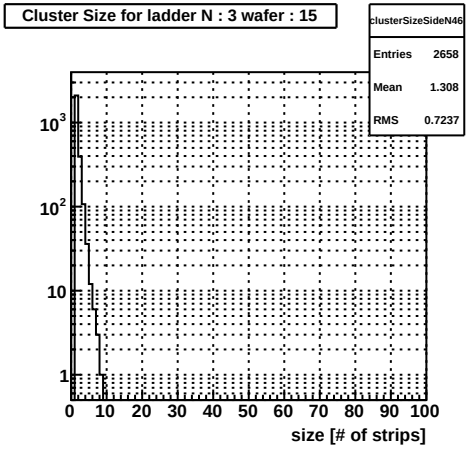

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 2367
Mean 1.26
RMS 0.5437
size [# of strips]

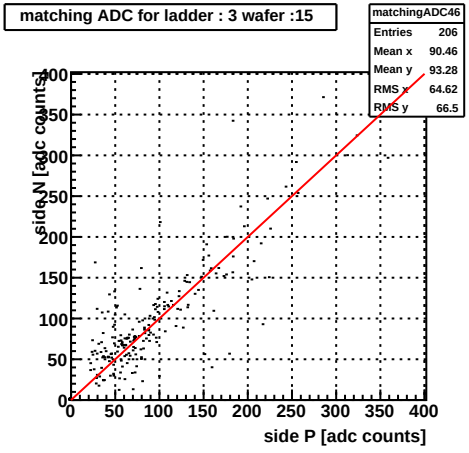

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 184
Mean x 92.1
Mean y 95.27
RMS x 58.75
RMS y 64.35
side N [adc counts]
side P [adc counts]

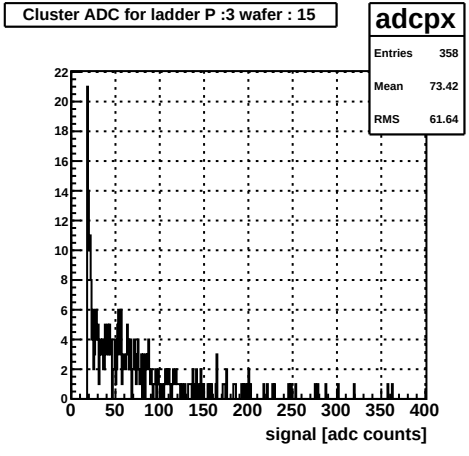

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 2483
Mean 33.25
RMS 31.02
signal [adc counts]

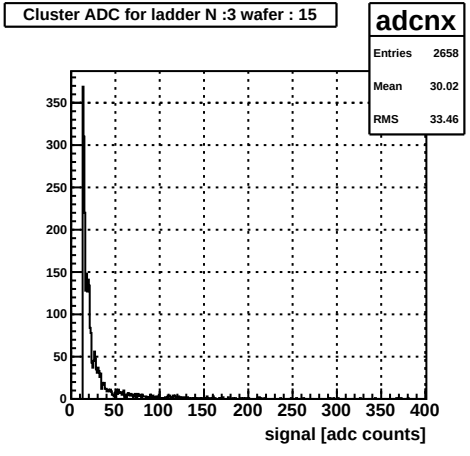

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 2367
Mean 32.86
RMS 35.01
signal [adc counts]

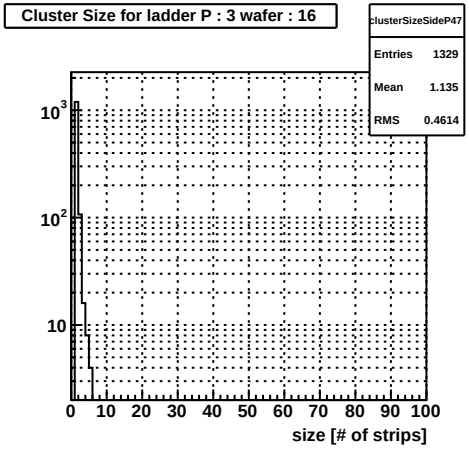

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 358
Mean 1.385
RMS 0.7414
size [# of strips]

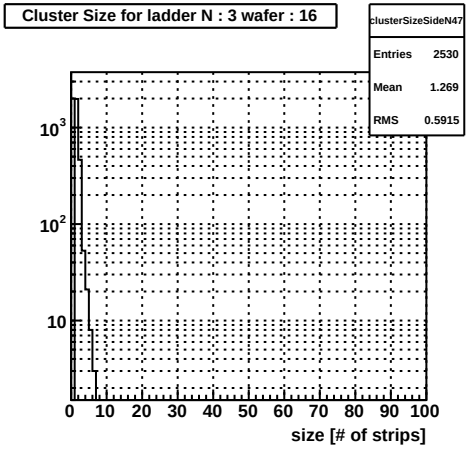

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 2658
Mean 1.308
RMS 0.7237
size [# of strips]

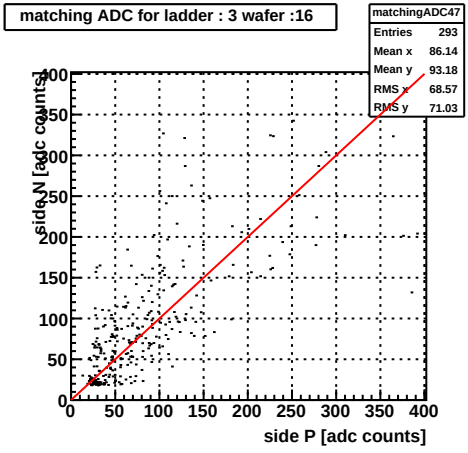

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 206
Mean x 90.46
Mean y 93.28
RMS x 64.62
RMS y 66.5
side N [adc counts]
side P [adc counts]

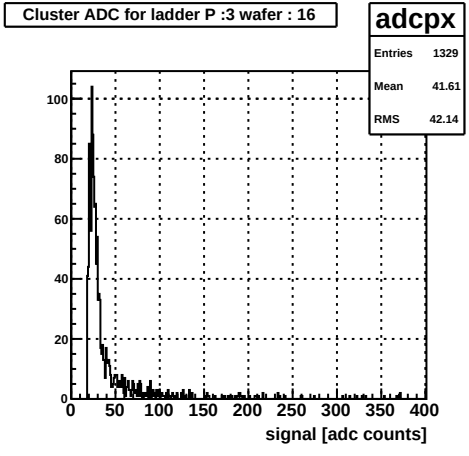

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 358
Mean 73.42
RMS 61.64
signal [adc counts]

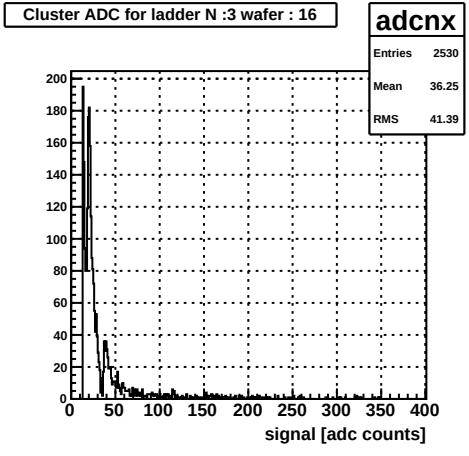

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 2658
Mean 30.02
RMS 33.46
signal [adc counts]

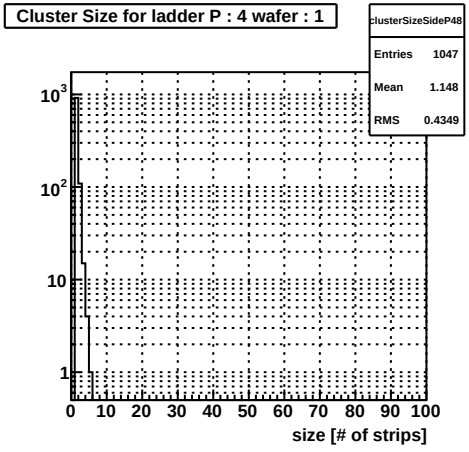

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 1329
Mean 1.135
RMS 0.4614
size [# of strips]

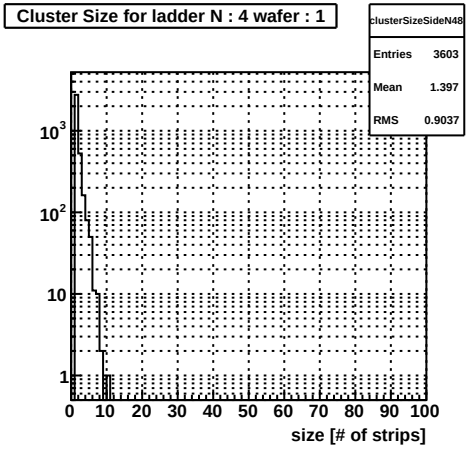

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 2530
Mean 1.269
RMS 0.5915
size [# of strips]

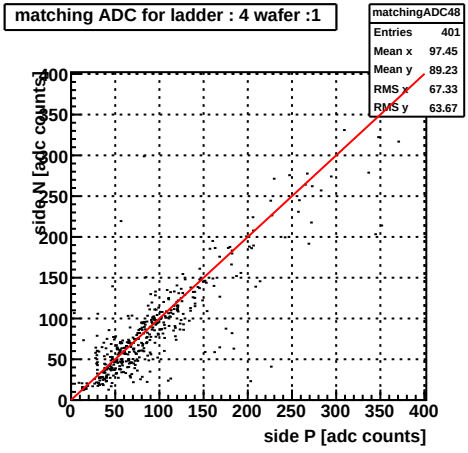

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 293
Mean x 86.14
Mean y 93.18
RMS x 68.57
RMS y 71.03
side N [adc counts]
side P [adc counts]

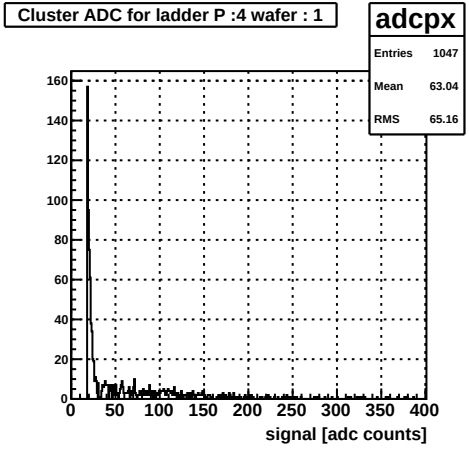

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 1329
Mean 41.61
RMS 42.14
signal [adc counts]

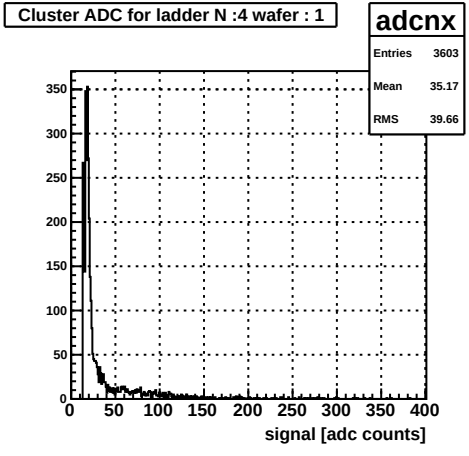

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 2530
Mean 36.25
RMS 41.39
signal [adc counts]

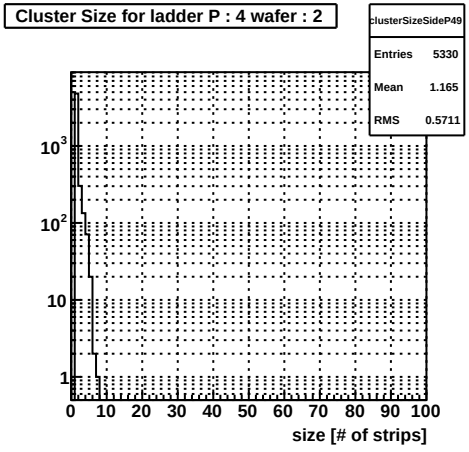

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 1047
Mean 1.148
RMS 0.4349
size [# of strips]

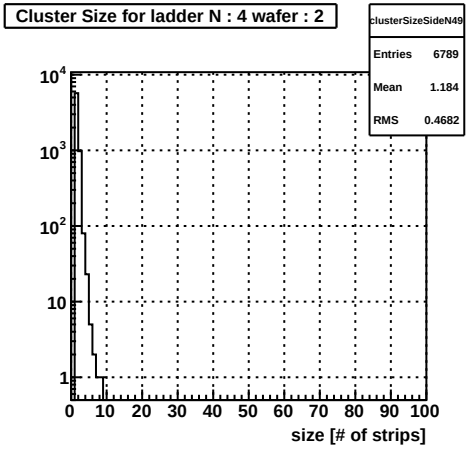

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 3603
Mean 1.397
RMS 0.9037
size [# of strips]

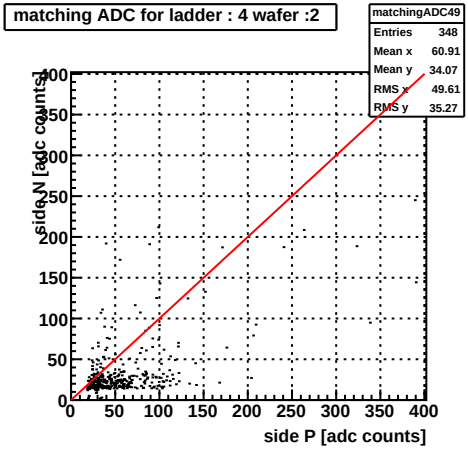

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 401
Mean x 97.45
Mean y 89.23
RMS x 67.33
RMS y 63.67
side N [adc counts]
side P [adc counts]

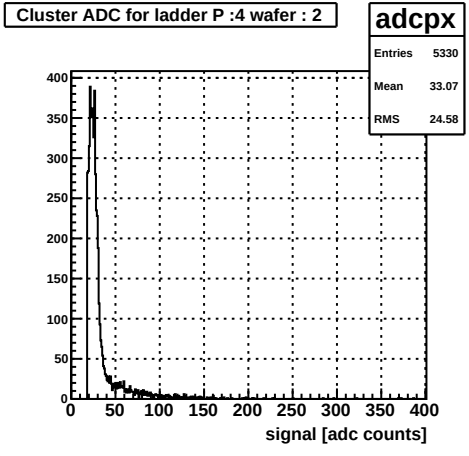

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 1047
Mean 63.04
RMS 65.16
signal [adc counts]

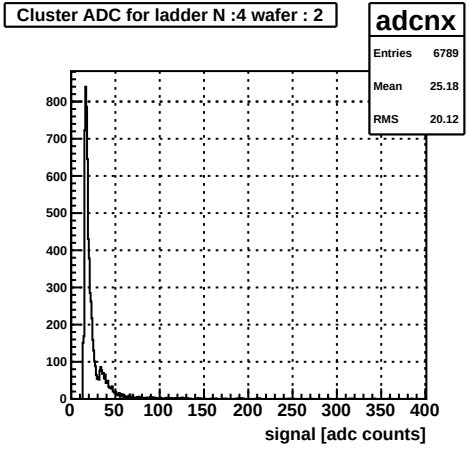

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 3603
Mean 35.17
RMS 39.66
signal [adc counts]

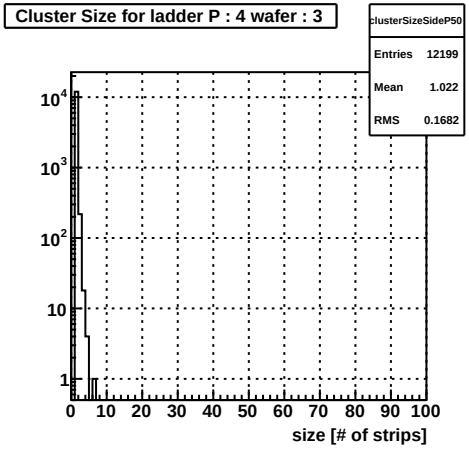

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 5330
Mean 1.165
RMS 0.5711
size [# of strips]

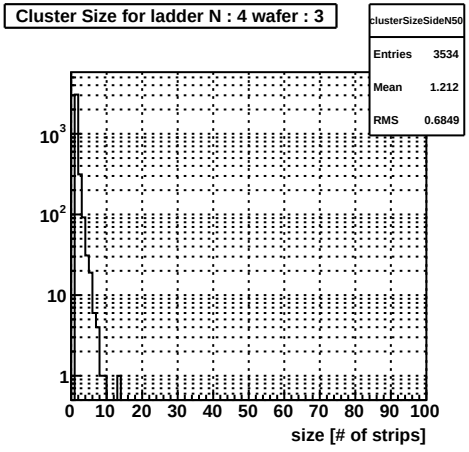

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 6789
Mean 1.184
RMS 0.4682
size [# of strips]

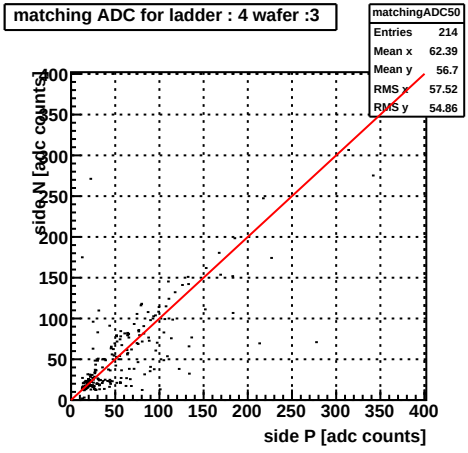

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 348
Mean x 60.91
Mean y 34.07
RMS x 49.61
RMS y 35.27
side N [adc counts]
side P [adc counts]

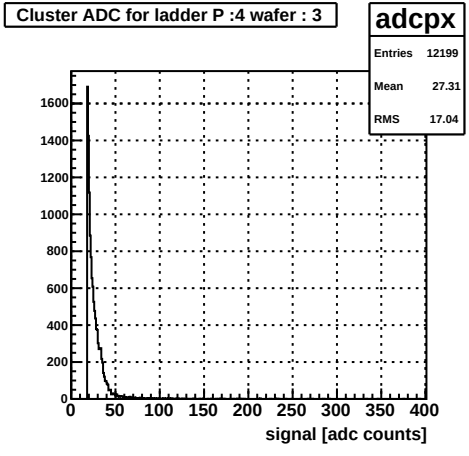

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 5330
Mean 33.07
RMS 24.58
signal [adc counts]

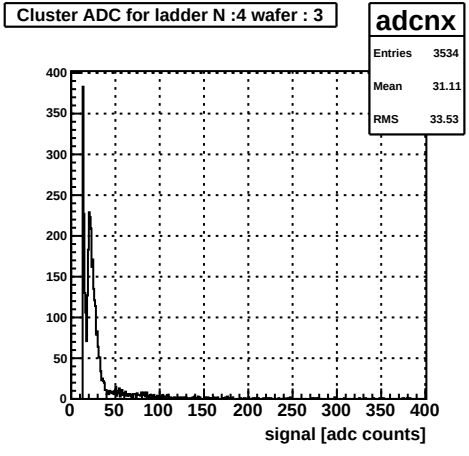

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 6789
Mean 25.18
RMS 20.12
signal [adc counts]

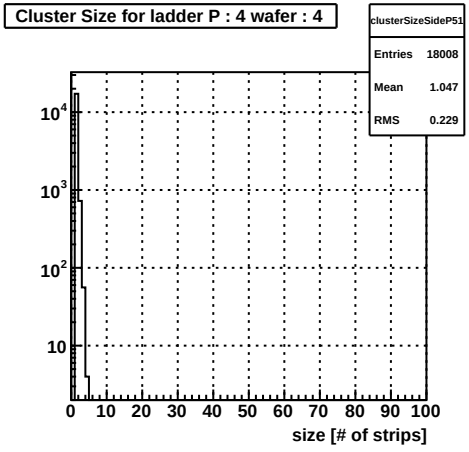

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 12199
Mean 1.022
RMS 0.1682
size [# of strips]

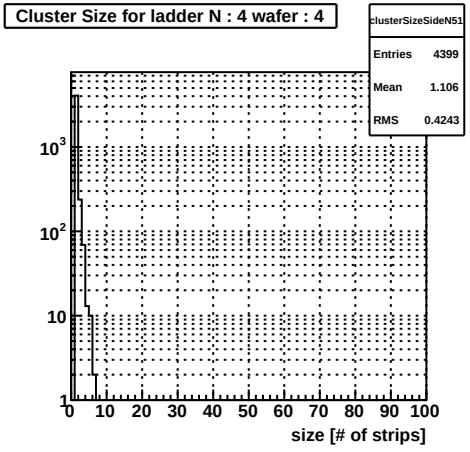

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 3534
Mean 1.212
RMS 0.6849
size [# of strips]

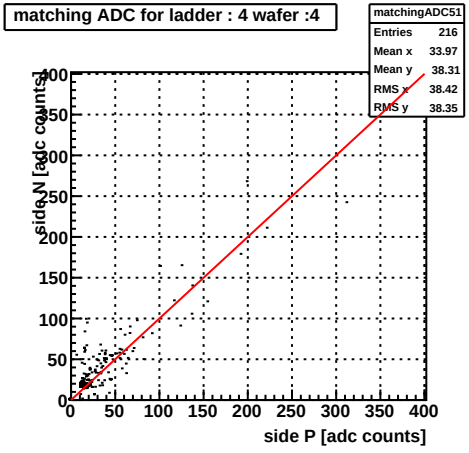

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 214
Mean x 62.39
Mean y 56.7
RMS x 57.52
RMS y 54.86
side N [adc counts]
side P [adc counts]

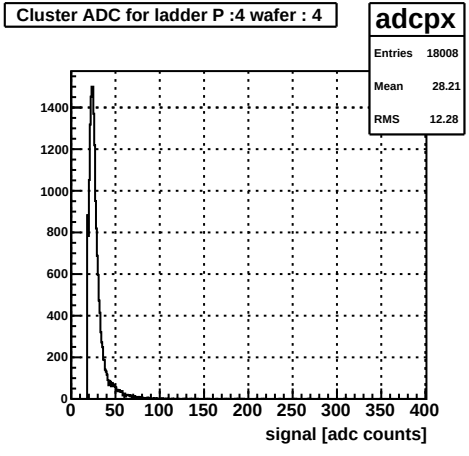

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 12199
Mean 27.31
RMS 17.04
signal [adc counts]

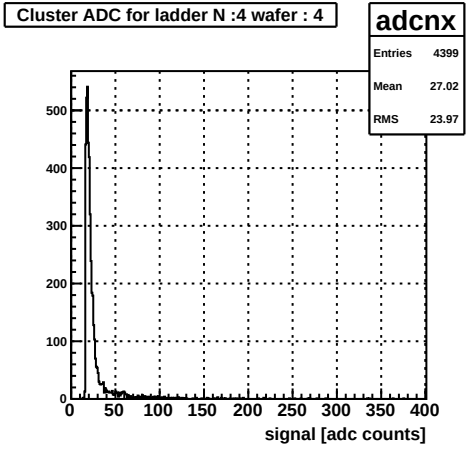

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 3534
Mean 31.11
RMS 33.53
signal [adc counts]

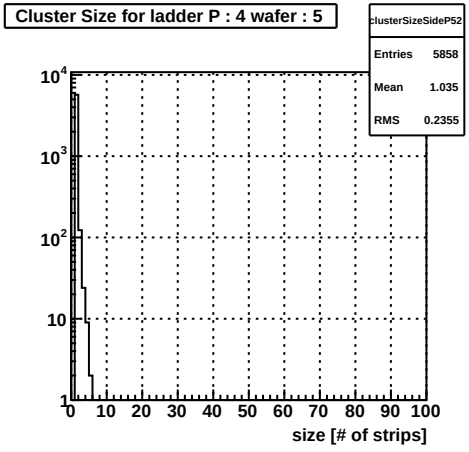

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 18008
Mean 1.047
RMS 0.229
size [# of strips]

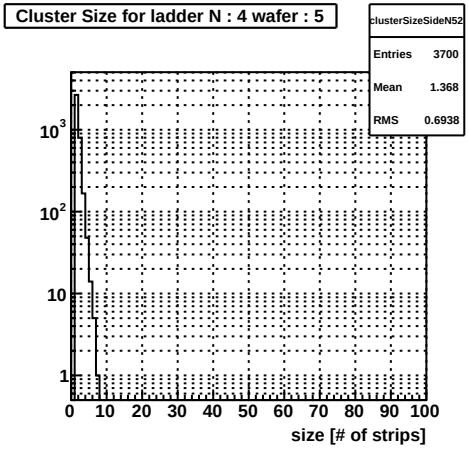

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 4399
Mean 1.106
RMS 0.4243
size [# of strips]

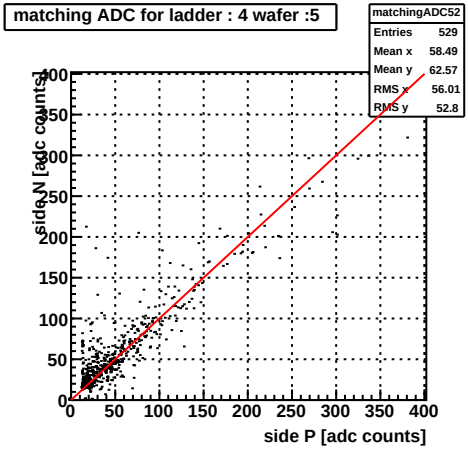

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 216
Mean x 33.97
Mean y 38.31
RMS x 38.42
RMS y 38.35
side N [adc counts]
side P [adc counts]

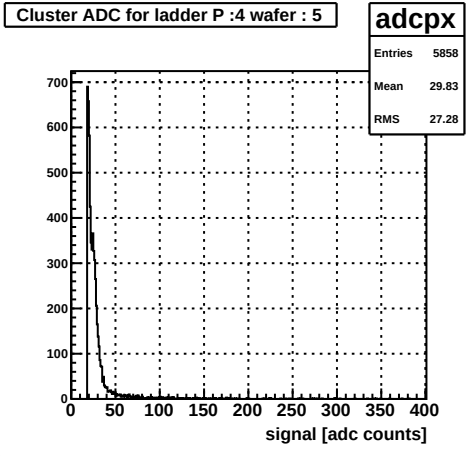

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 18008
Mean 28.21
RMS 12.28
signal [adc counts]

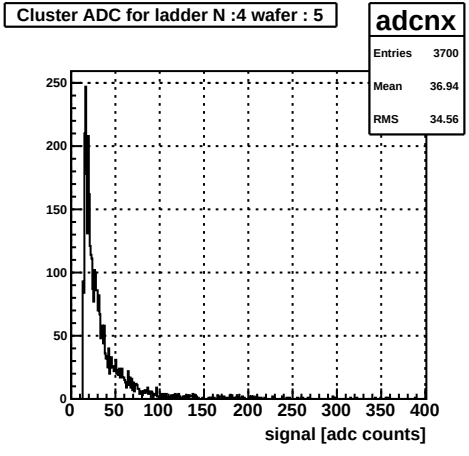

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 4399
Mean 27.02
RMS 23.97
signal [adc counts]

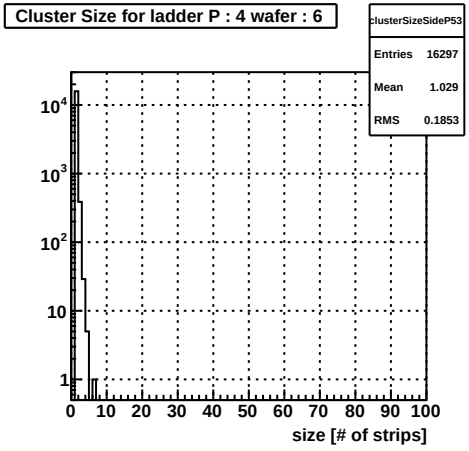

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 5858
Mean 1.035
RMS 0.2355
size [# of strips]

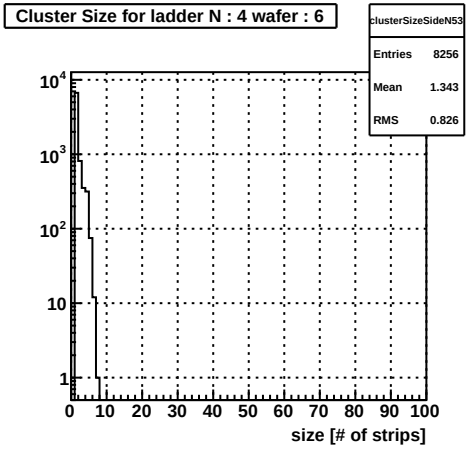

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 3700
Mean 1.368
RMS 0.6938
size [# of strips]

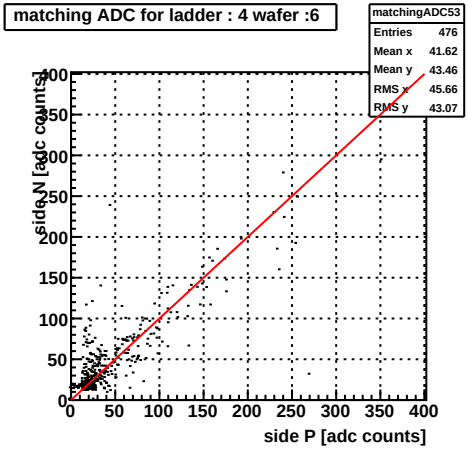

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 529
Mean x 58.49
Mean y 62.57
RMS x 56.01
RMS y 52.8
side N [adc counts]
side P [adc counts]

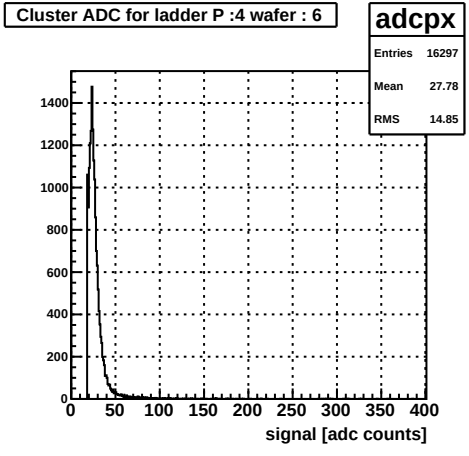

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 5858
Mean 29.83
RMS 27.28
signal [adc counts]

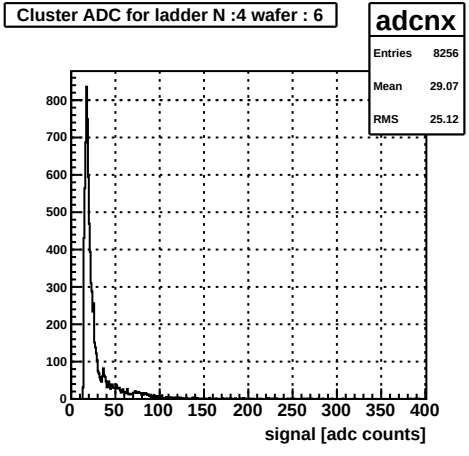

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 3700
Mean 36.94
RMS 34.56
signal [adc counts]

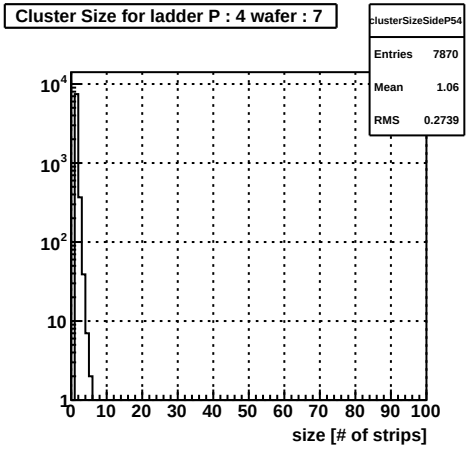

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 16297
Mean 1.029
RMS 0.1853
size [# of strips]

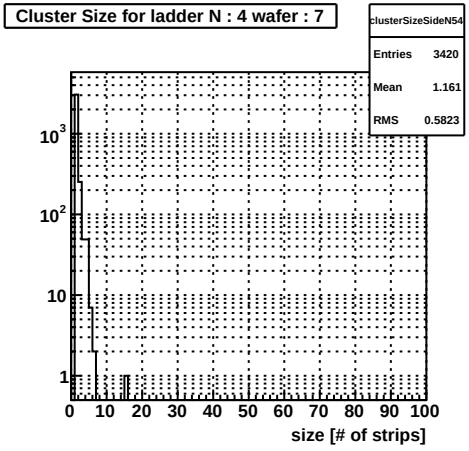

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 8256
Mean 1.343
RMS 0.826
size [# of strips]

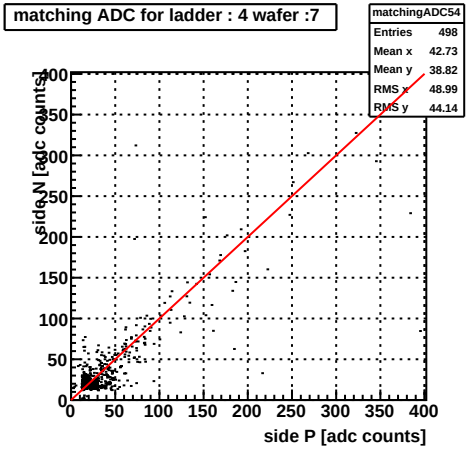

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 476
Mean x 41.62
Mean y 43.46
RMS x 45.66
RMS y 43.07
side N [adc counts]
side P [adc counts]

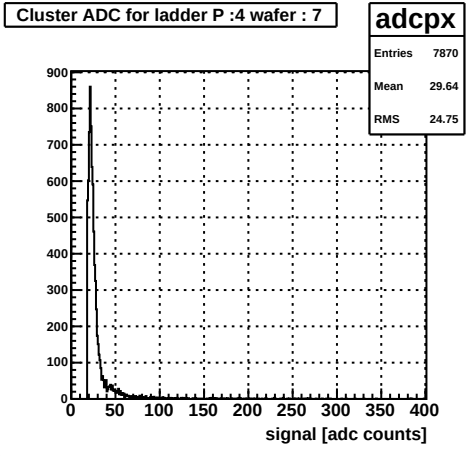

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 16297
Mean 27.78
RMS 14.85
signal [adc counts]

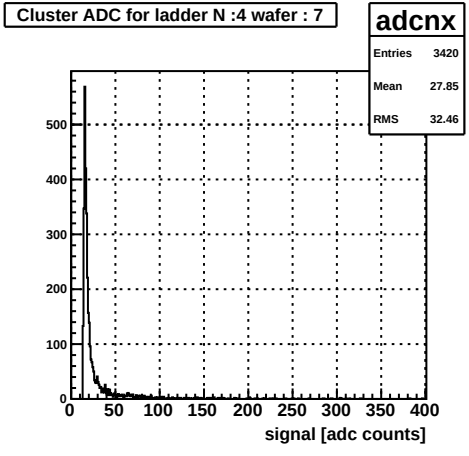

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 8256
Mean 29.07
RMS 25.12
signal [adc counts]

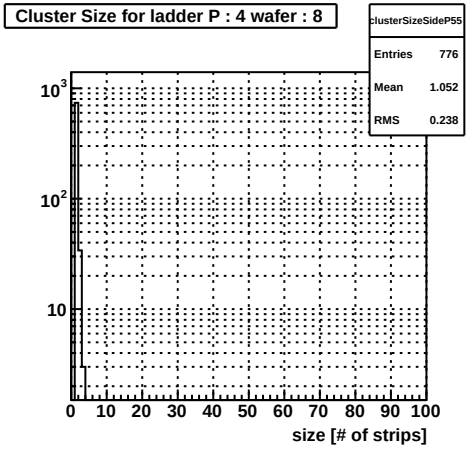

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 7870
Mean 1.06
RMS 0.2739
size [# of strips]

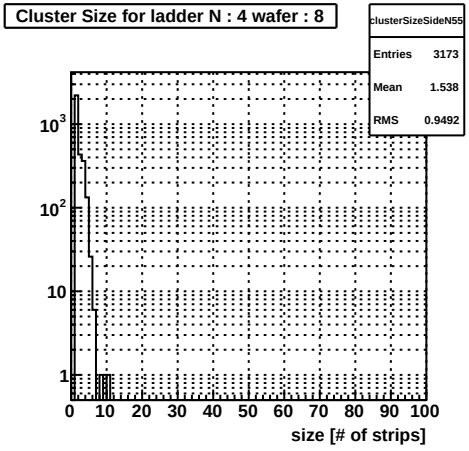

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 3420
Mean 1.161
RMS 0.5823
size [# of strips]

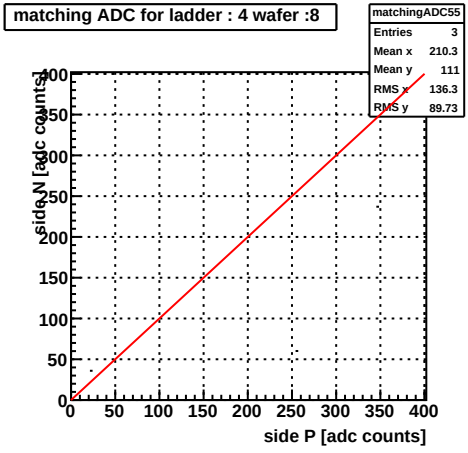

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 498
Mean x 42.73
Mean y 38.82
RMS x 48.99
RMS y 44.14
side N [adc counts]
side P [adc counts]

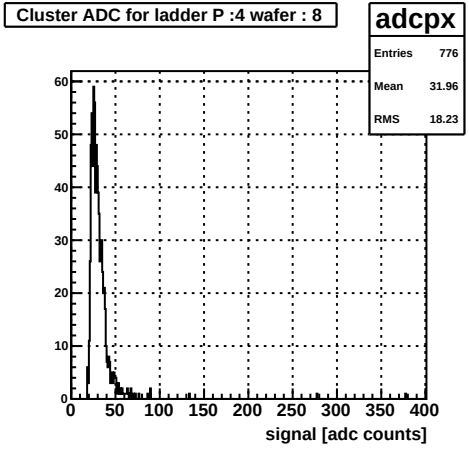

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 7870
Mean 29.64
RMS 24.75
signal [adc counts]

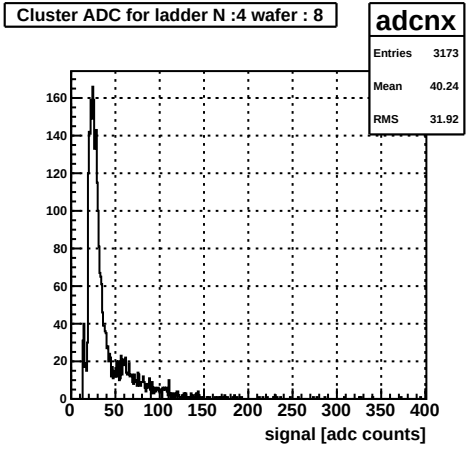

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 3420
Mean 27.85
RMS 32.46
signal [adc counts]

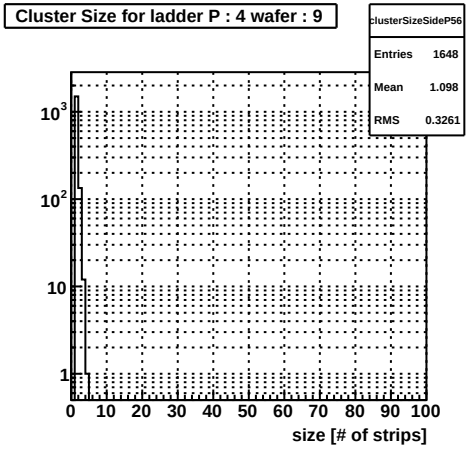

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 776
Mean 1.052
RMS 0.238
size [# of strips]

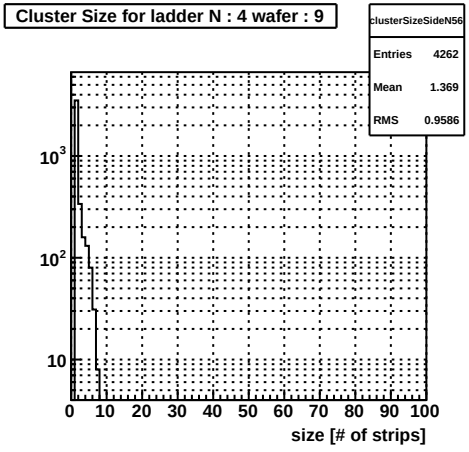

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 3173
Mean 1.538
RMS 0.9492
size [# of strips]

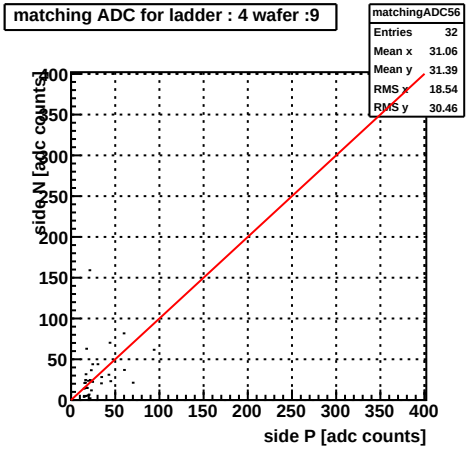

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 3
Mean x 210.3
Mean y 111
RMS x 136.3
RMS y 89.73
side N [adc counts]
side P [adc counts]

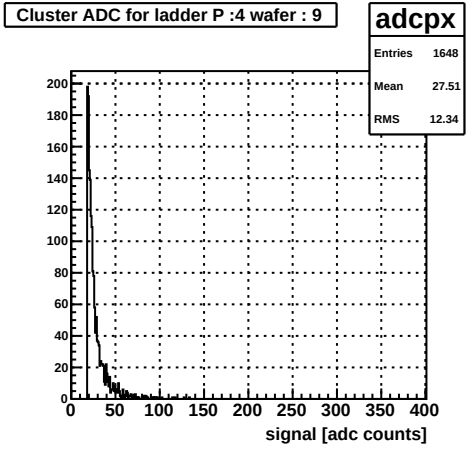

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 776
Mean 31.96
RMS 18.23
signal [adc counts]

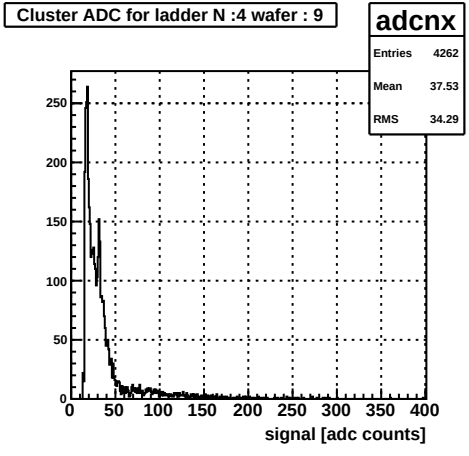

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 3173
Mean 40.24
RMS 31.92
signal [adc counts]

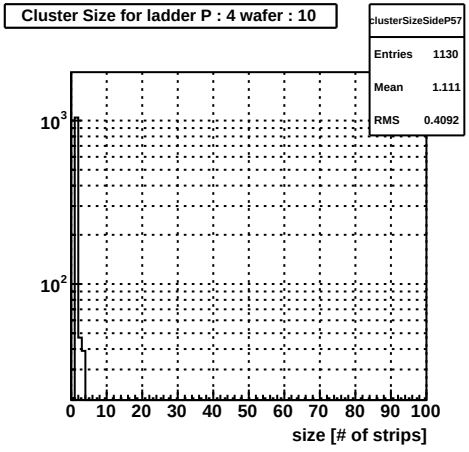

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1648
Mean 1.098
RMS 0.3261
size [# of strips]

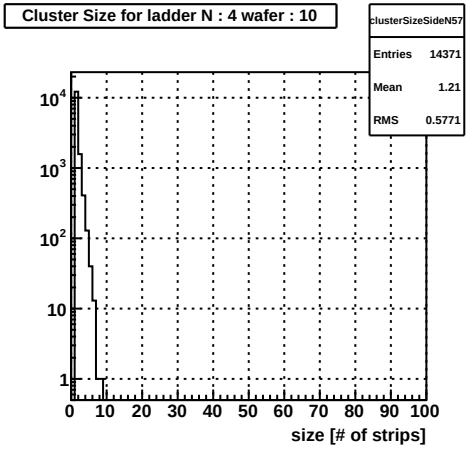

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 4262
Mean 1.369
RMS 0.9586
size [# of strips]

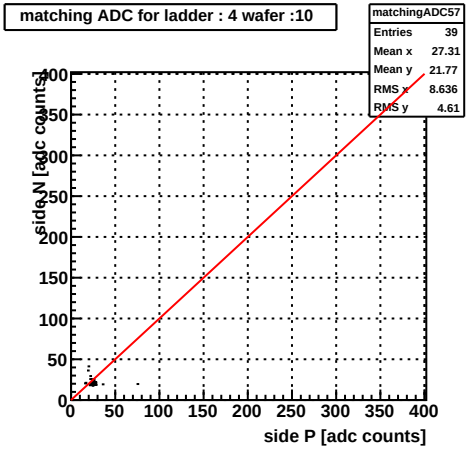

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 32
Mean x 31.06
Mean y 31.39
RMS x 18.54
RMS y 30.46
side N [adc counts]
side P [adc counts]

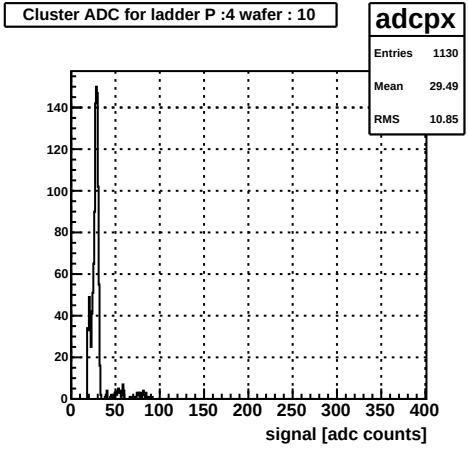

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1648
Mean 27.51
RMS 12.34
signal [adc counts]

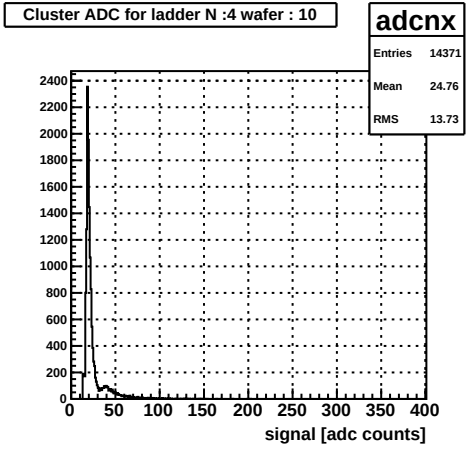

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 4262
Mean 37.53
RMS 34.29
signal [adc counts]

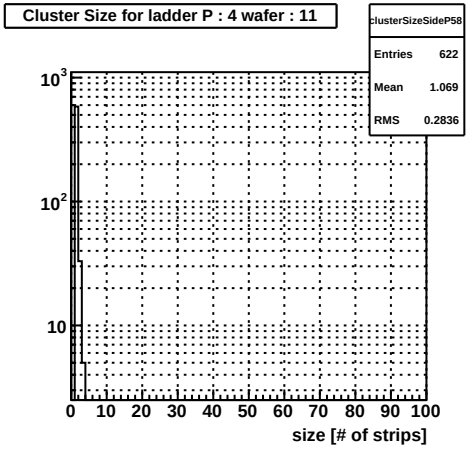

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 1130
Mean 1.111
RMS 0.4092
size [# of strips]

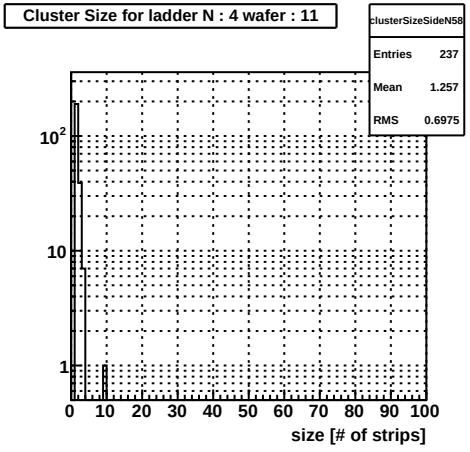

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 14371
Mean 1.21
RMS 0.5771
size [# of strips]

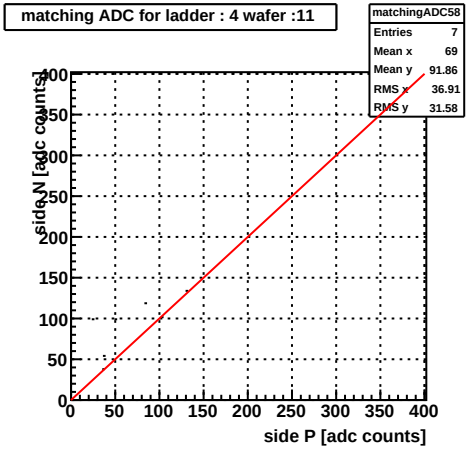

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 39
Mean x 27.31
Mean y 21.77
RMS x 8.636
RMS y 4.61
side N [adc counts]
side P [adc counts]

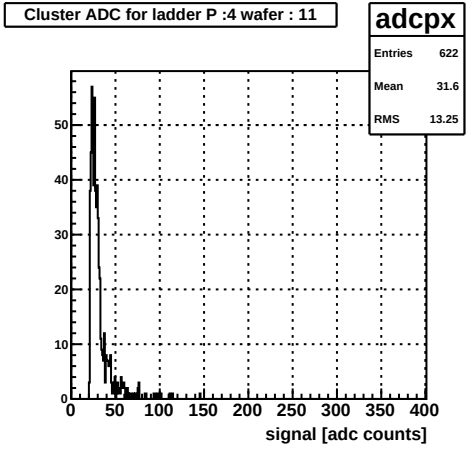

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 1130
Mean 29.49
RMS 10.85
signal [adc counts]

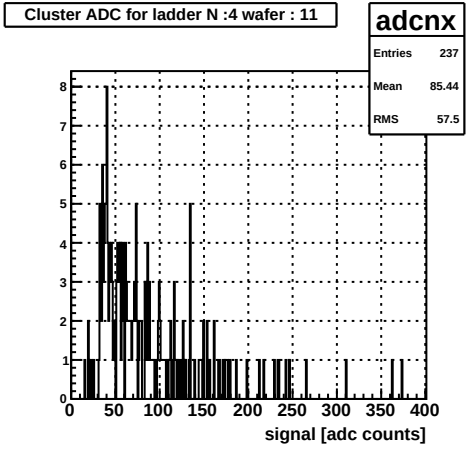

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 14371
Mean 24.76
RMS 13.73
signal [adc counts]

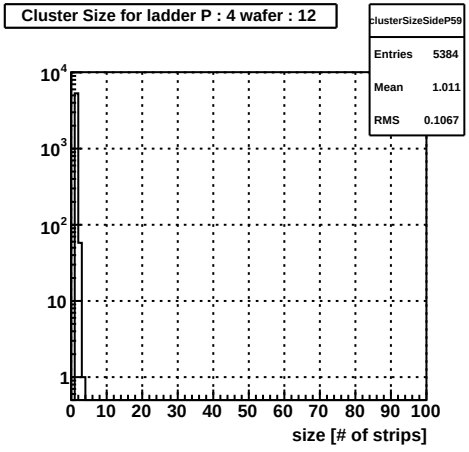

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 622
Mean 1.069
RMS 0.2836
size [# of strips]

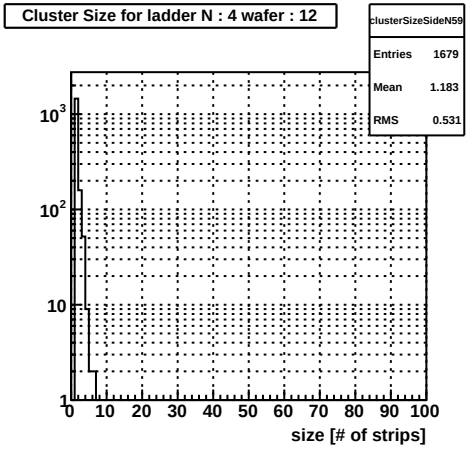

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 237
Mean 1.257
RMS 0.6975
size [# of strips]

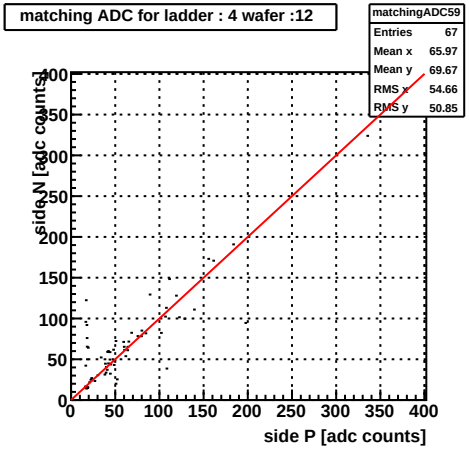

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 7
Mean x 69
Mean y 91.86
RMS x 36.91
RMS y 31.58
side N [adc counts]
side P [adc counts]

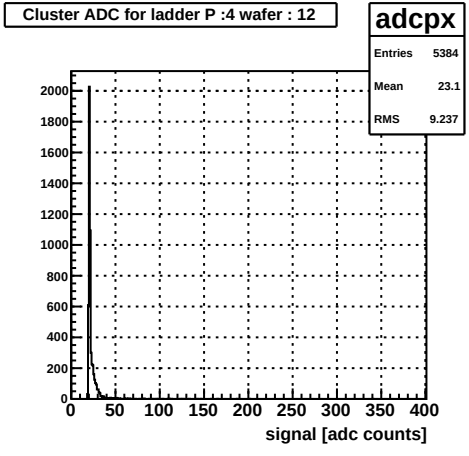

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 622
Mean 31.6
RMS 13.25
signal [adc counts]

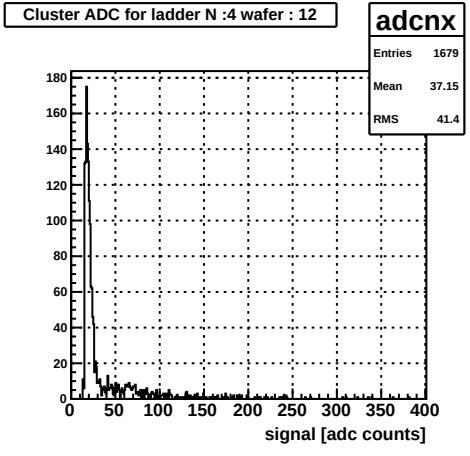

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 237
Mean 85.44
RMS 57.5
signal [adc counts]

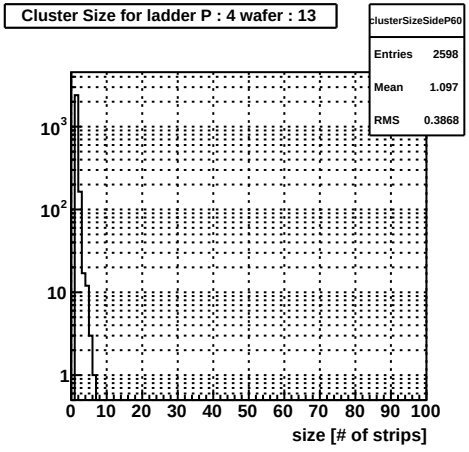

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 5384
Mean 1.011
RMS 0.1067
size [# of strips]

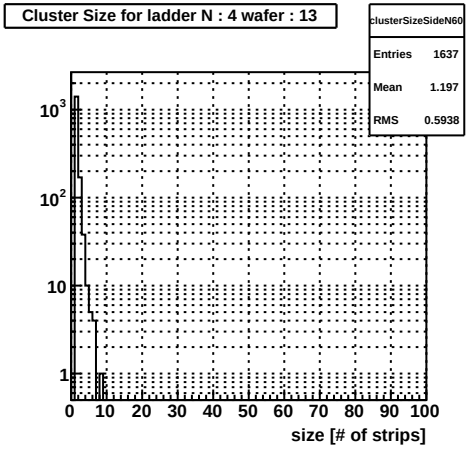

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 1679
Mean 1.183
RMS 0.531
size [# of strips]

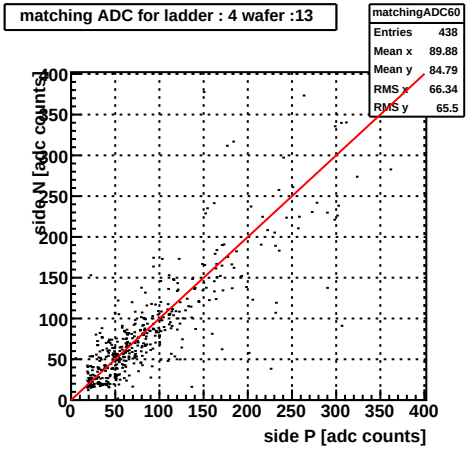

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 67
Mean x 65.97
Mean y 69.67
RMS x 54.66
RMS y 50.85
side N [adc counts]
side P [adc counts]

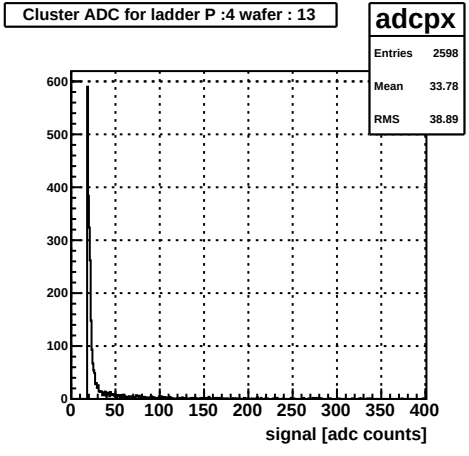

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 5384
Mean 23.1
RMS 9.237
signal [adc counts]

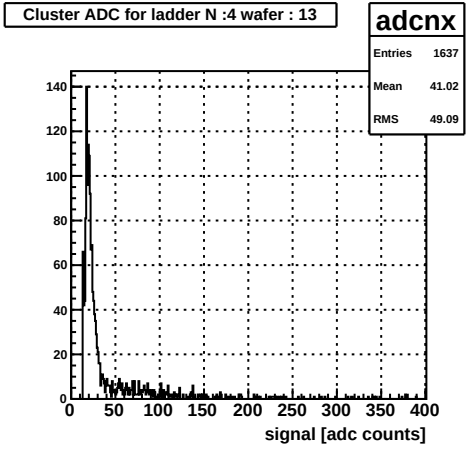

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 1679
Mean 37.15
RMS 41.4
signal [adc counts]

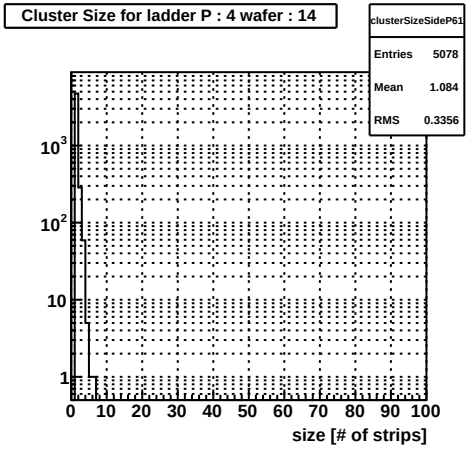

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 2598
Mean 1.097
RMS 0.3868
size [# of strips]

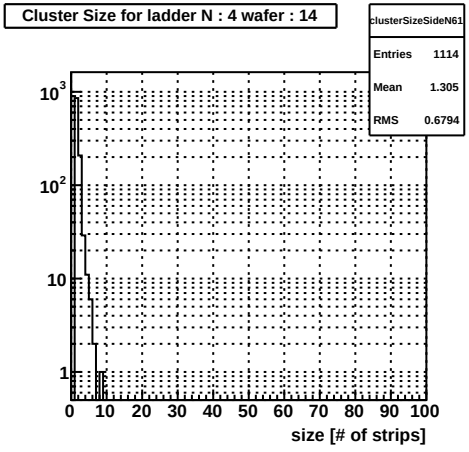

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 1637
Mean 1.197
RMS 0.5938
size [# of strips]

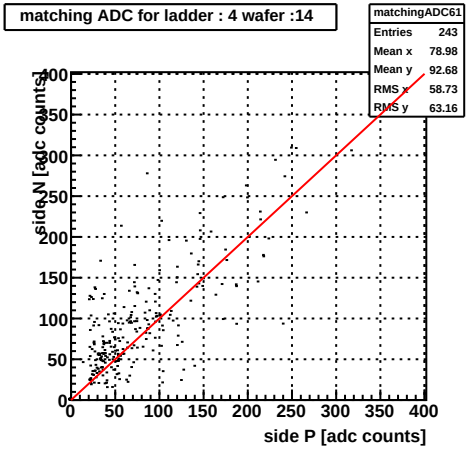

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 438
Mean x 89.88
Mean y 84.79
RMS x 66.34
RMS y 65.5
side N [adc counts]
side P [adc counts]

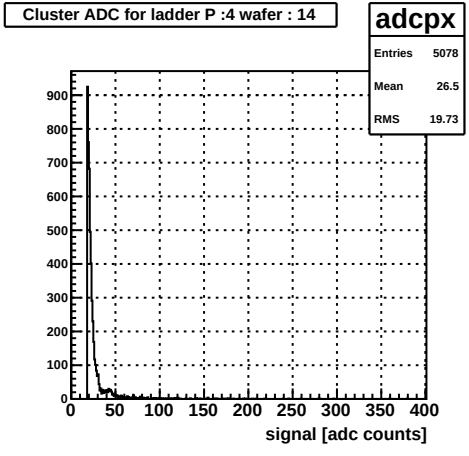

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 2598
Mean 33.78
RMS 38.89
signal [adc counts]

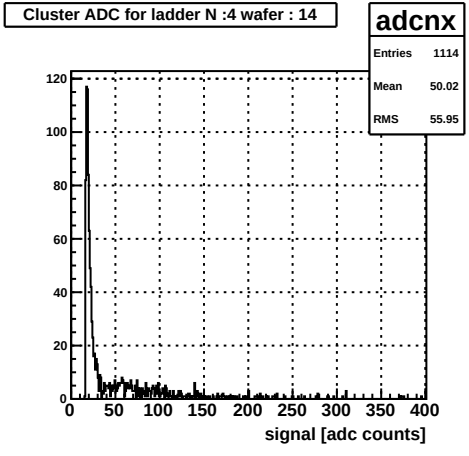

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 1637
Mean 41.02
RMS 49.09
signal [adc counts]

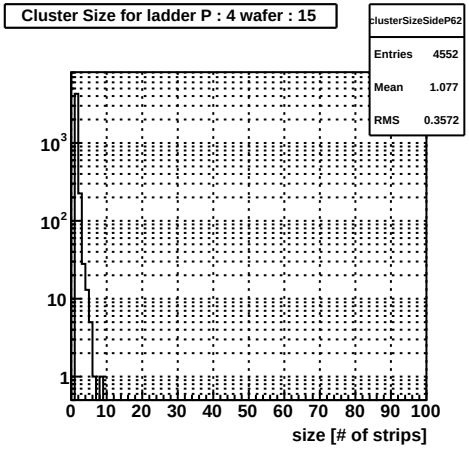

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 5078
Mean 1.084
RMS 0.3356
size [# of strips]

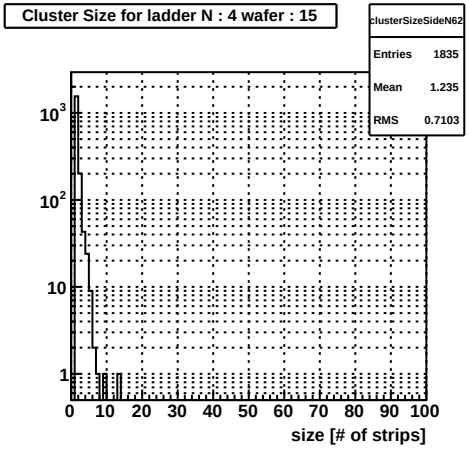

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 1114
Mean 1.305
RMS 0.6794
size [# of strips]

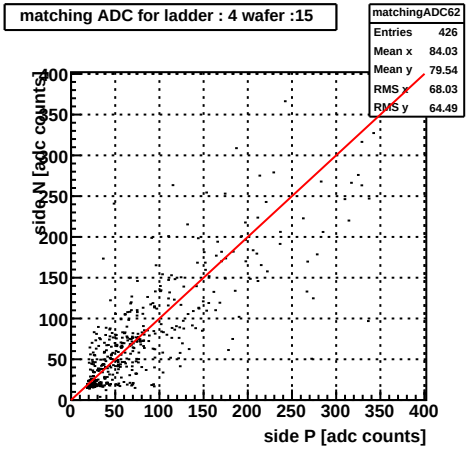

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 243
Mean x 78.98
Mean y 92.68
RMS x 58.73
RMS y 63.16
side N [adc counts]
side P [adc counts]

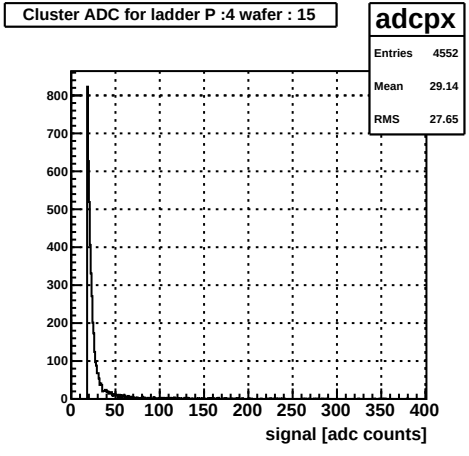

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 5078
Mean 26.5
RMS 19.73
signal [adc counts]

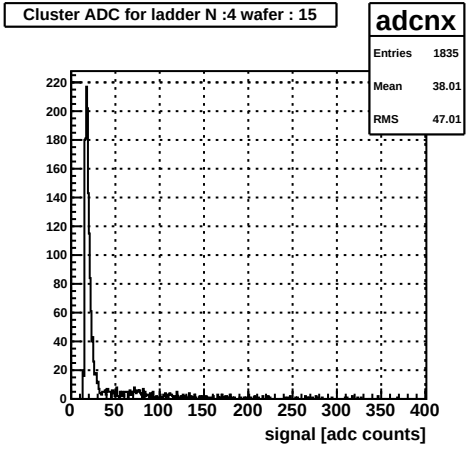

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 1114
Mean 50.02
RMS 55.95
signal [adc counts]

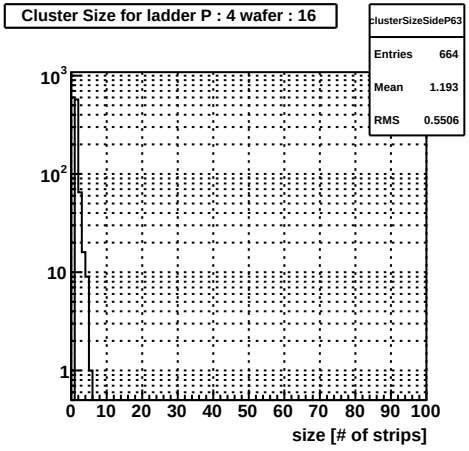

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 4552
Mean 1.077
RMS 0.3572
size [# of strips]

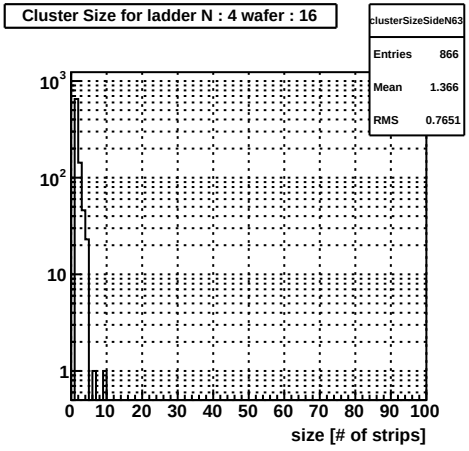

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 1835
Mean 1.235
RMS 0.7103
size [# of strips]

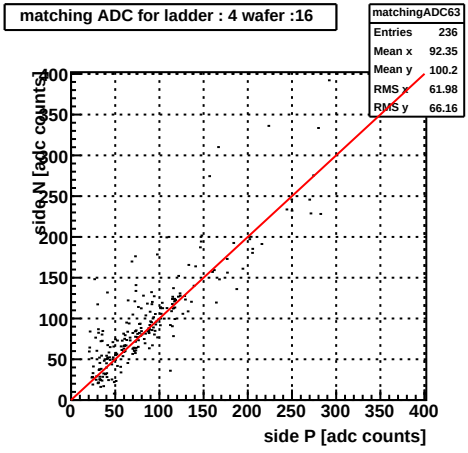

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 426
Mean x 84.03
Mean y 79.54
RMS x 68.03
RMS y 64.49
side N [adc counts]
side P [adc counts]

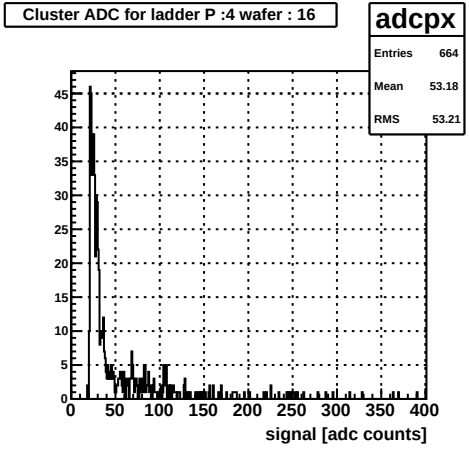

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 4552
Mean 29.14
RMS 27.65
signal [adc counts]

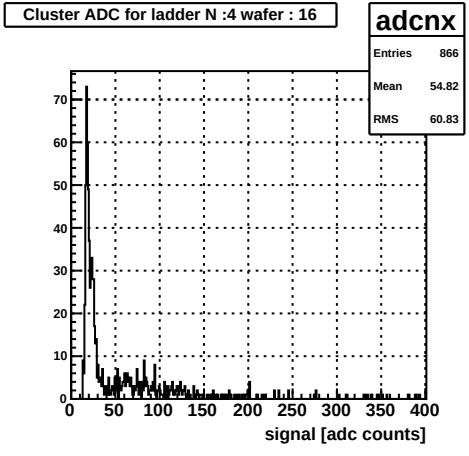

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 1835
Mean 38.01
RMS 47.01
signal [adc counts]

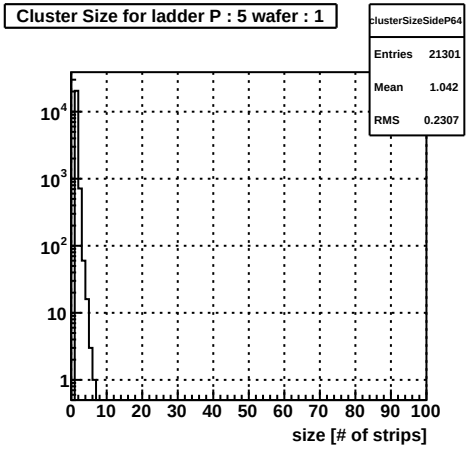

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 664
Mean 1.193
RMS 0.5506
size [# of strips]

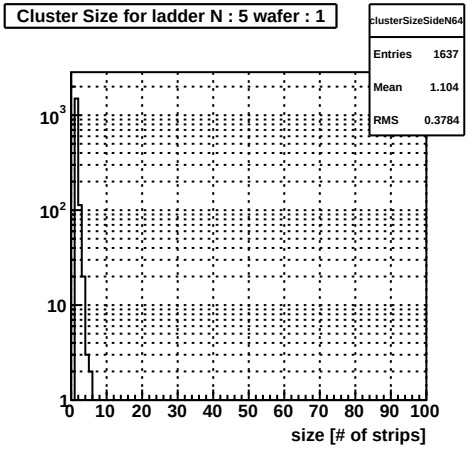

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 866
Mean 1.366
RMS 0.7651
size [# of strips]

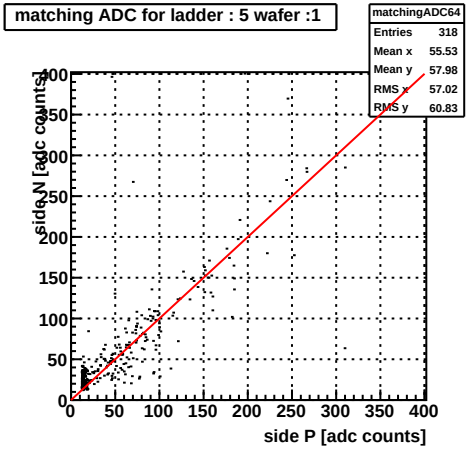

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 236
Mean x 92.35
Mean y 100.2
RMS x 61.98
RMS y 66.16
side N [adc counts]
side P [adc counts]

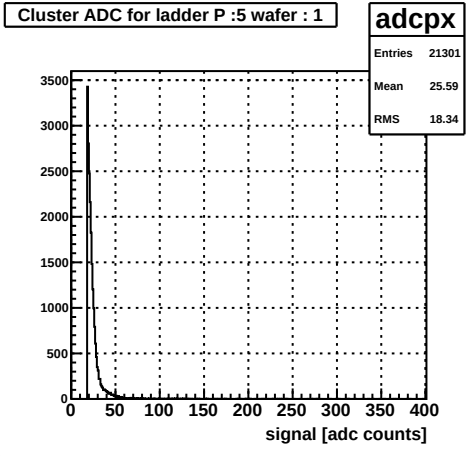

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 664
Mean 53.18
RMS 53.21
signal [adc counts]

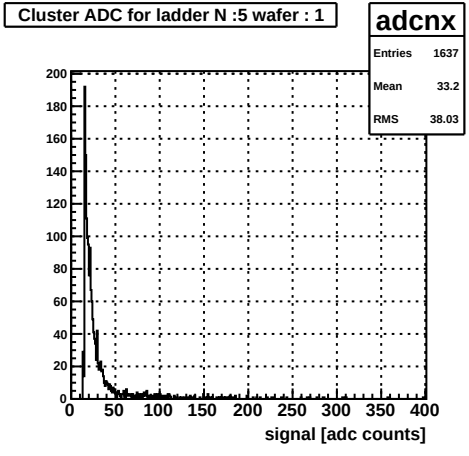

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 866
Mean 54.82
RMS 60.83
signal [adc counts]

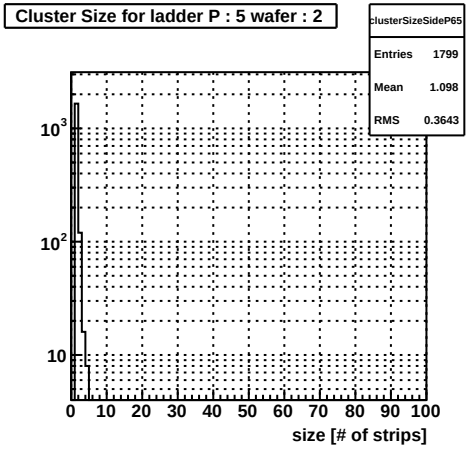

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 21301
Mean 1.042
RMS 0.2307
size [# of strips]

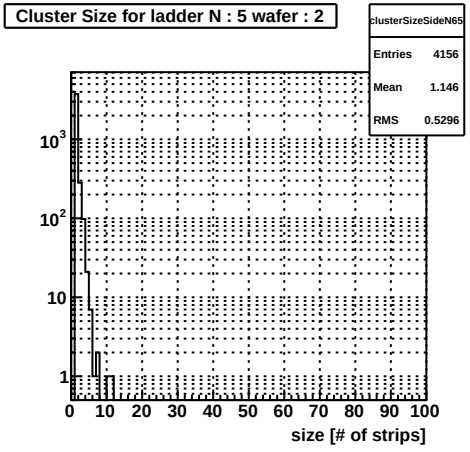

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 1637
Mean 1.104
RMS 0.3784
size [# of strips]

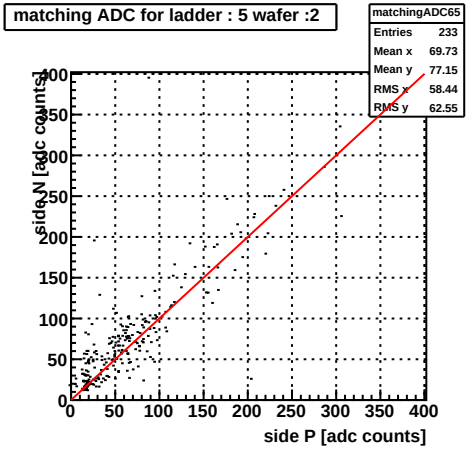

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 318
Mean x 55.53
Mean y 57.98
RMS x 57.02
RMS y 60.83
side N [adc counts]
side P [adc counts]

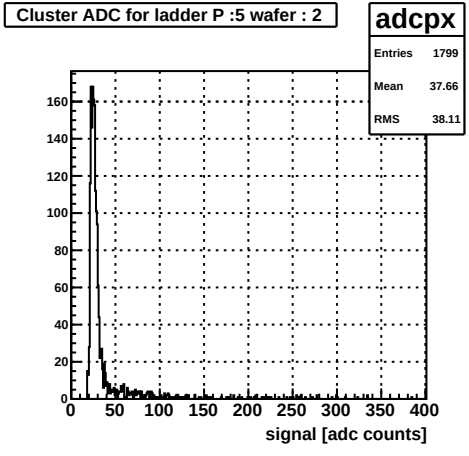

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 21301
Mean 25.59
RMS 18.34
signal [adc counts]

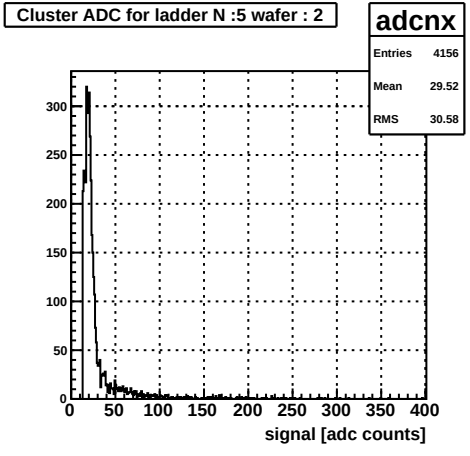

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 1637
Mean 33.2
RMS 38.03
signal [adc counts]

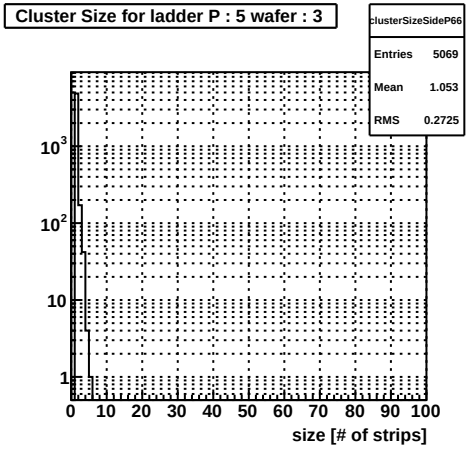

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 1799
Mean 1.098
RMS 0.3643
size [# of strips]

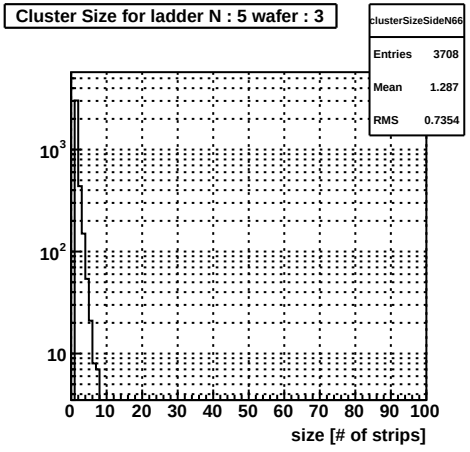

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 4156
Mean 1.146
RMS 0.5296
size [# of strips]

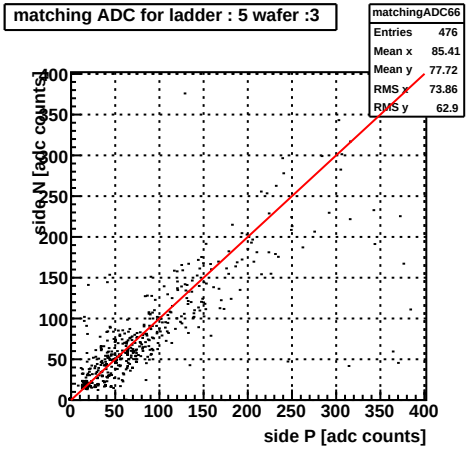

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 233
Mean x 69.73
Mean y 77.15
RMS x 58.44
RMS y 62.55
side N [adc counts]
side P [adc counts]

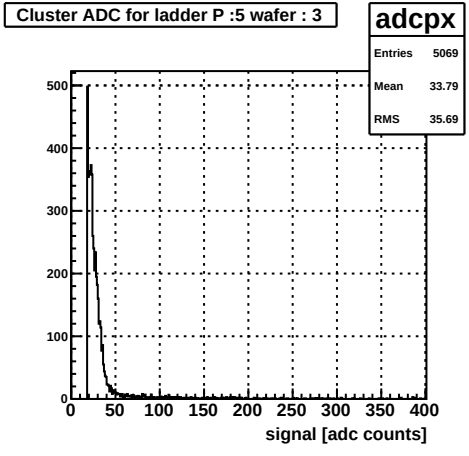

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 1799
Mean 37.66
RMS 38.11
signal [adc counts]

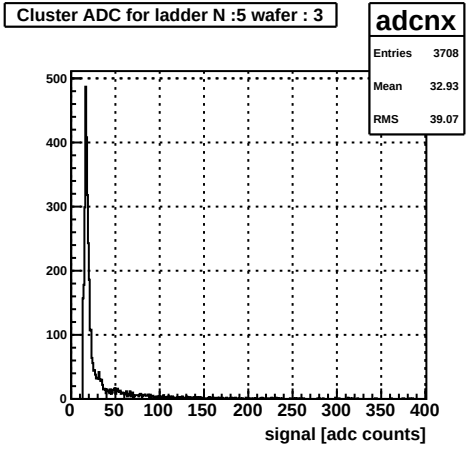

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 4156
Mean 29.52
RMS 30.58
signal [adc counts]

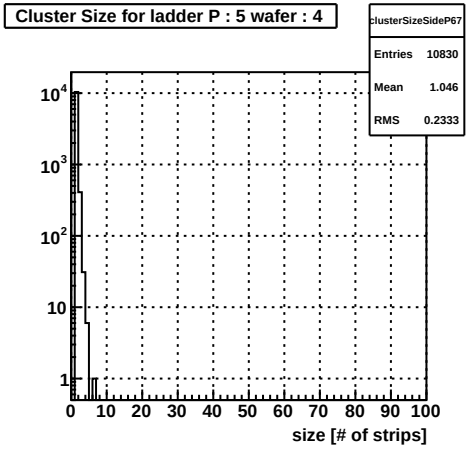

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 5069
Mean 1.053
RMS 0.2725
size [# of strips]

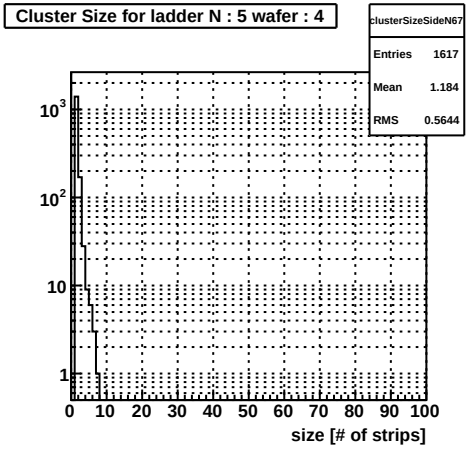

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 3708
Mean 1.287
RMS 0.7354
size [# of strips]

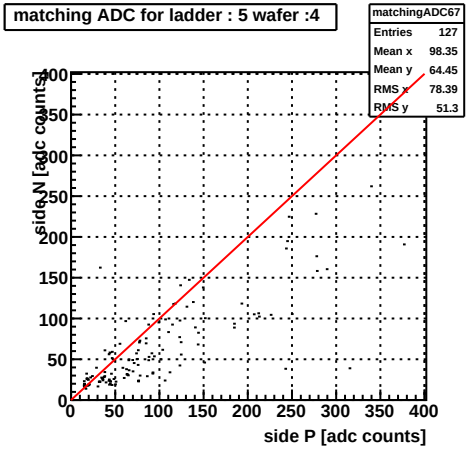

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 476
Mean x 85.41
Mean y 77.72
RMS x 73.86
RMS y 62.9
side N [adc counts]
side P [adc counts]

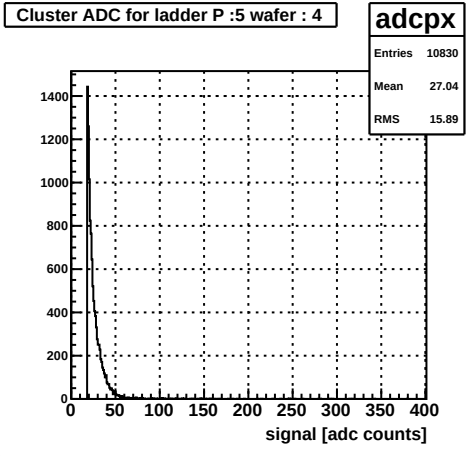

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 5069
Mean 33.79
RMS 35.69
signal [adc counts]

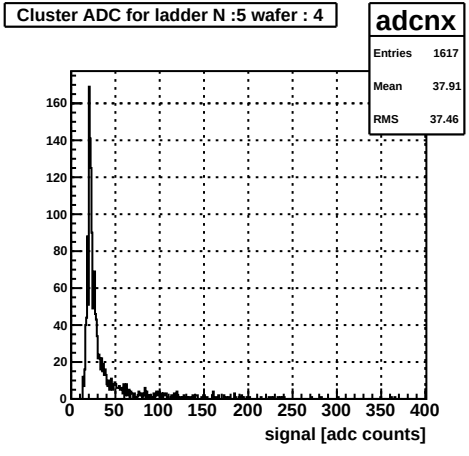

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 3708
Mean 32.93
RMS 39.07
signal [adc counts]

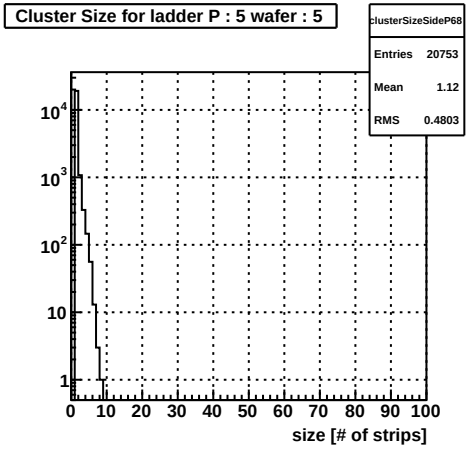

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 10830
Mean 1.046
RMS 0.2333
size [# of strips]

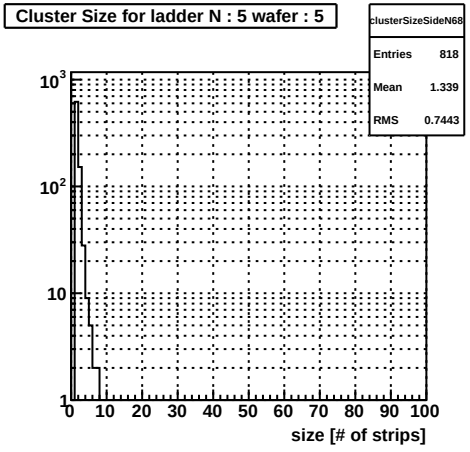

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 1617
Mean 1.184
RMS 0.5644
size [# of strips]

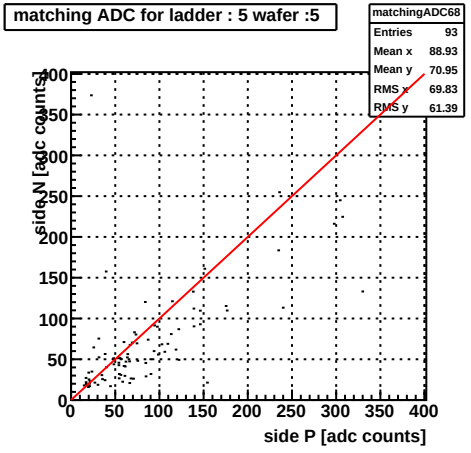

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 127
Mean x 98.35
Mean y 64.45
RMS x 78.39
RMS y 51.3
side N [adc counts]
side P [adc counts]

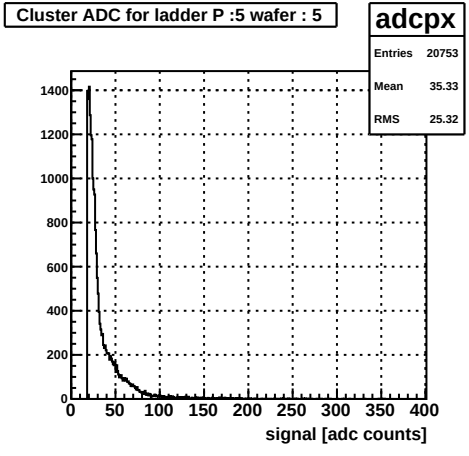

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 10830
Mean 27.04
RMS 15.89
signal [adc counts]

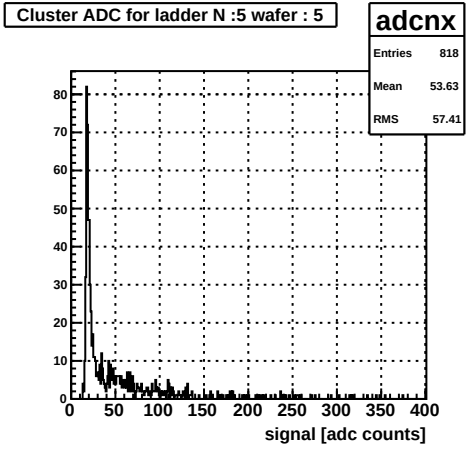

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 1617
Mean 37.91
RMS 37.46
signal [adc counts]

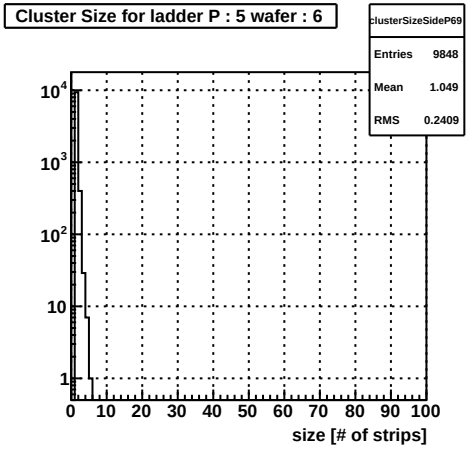

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 20753
Mean 1.12
RMS 0.4803
size [# of strips]

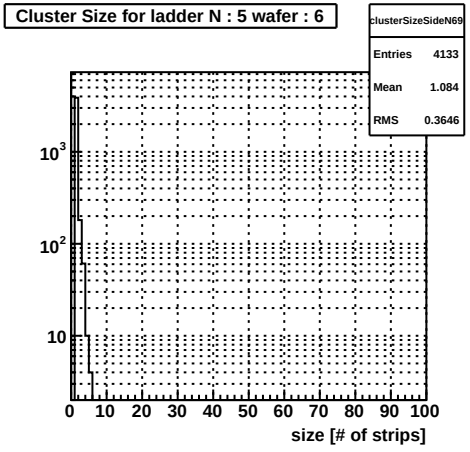

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 818
Mean 1.339
RMS 0.7443
size [# of strips]

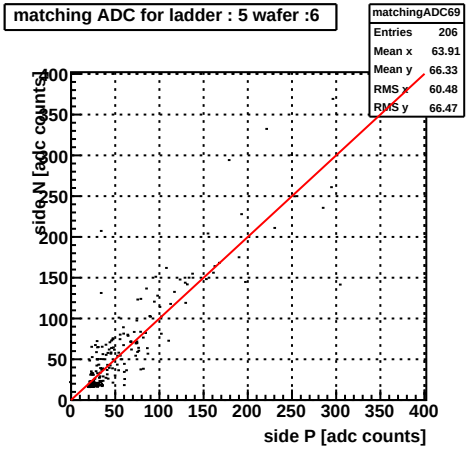

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 93
Mean x 88.93
Mean y 70.95
RMS x 69.83
RMS y 61.39
side N [adc counts]
side P [adc counts]

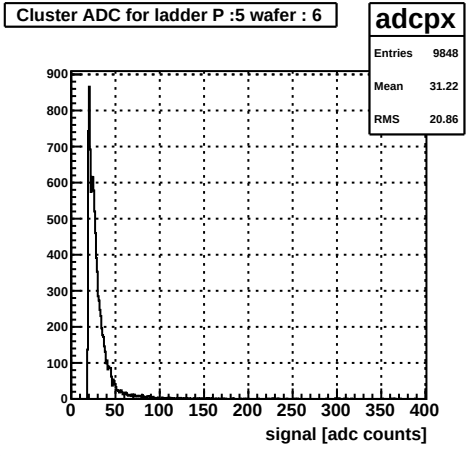

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 20753
Mean 35.33
RMS 25.32
signal [adc counts]

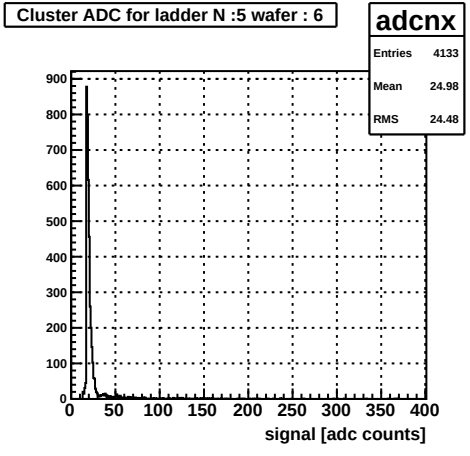

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 818
Mean 53.63
RMS 57.41
signal [adc counts]

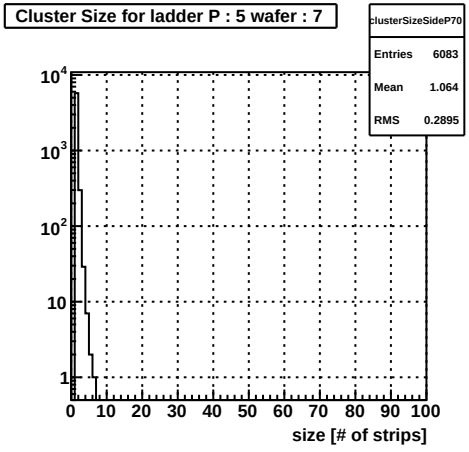

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 9848
Mean 1.049
RMS 0.2409
size [# of strips]

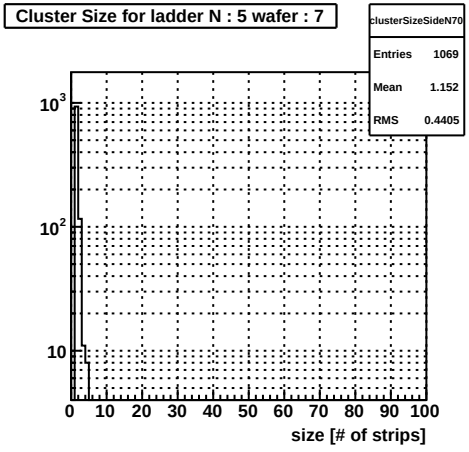

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 4133
Mean 1.084
RMS 0.3646
size [# of strips]

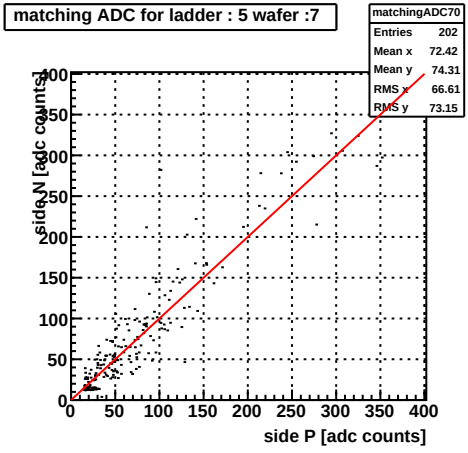

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 206
Mean x 63.91
Mean y 66.33
RMS x 60.48
RMS y 66.47
side N [adc counts]
side P [adc counts]

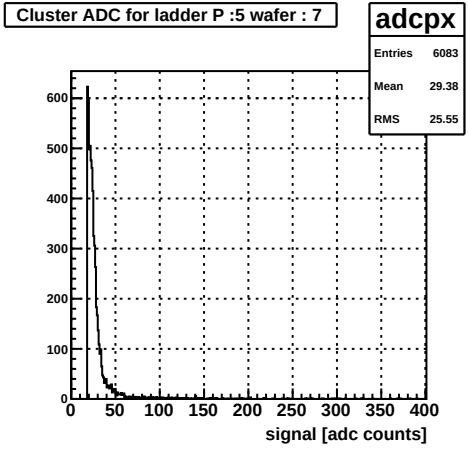

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 9848
Mean 31.22
RMS 20.86
signal [adc counts]

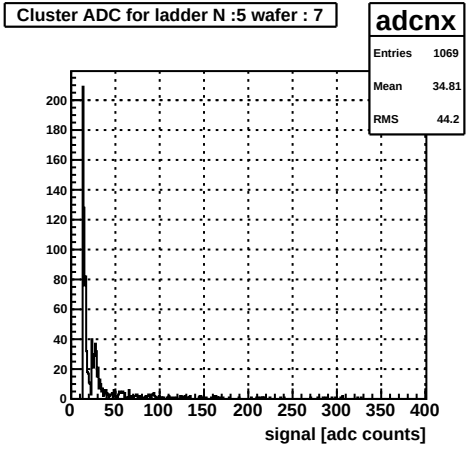

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 4133
Mean 24.98
RMS 24.48
signal [adc counts]

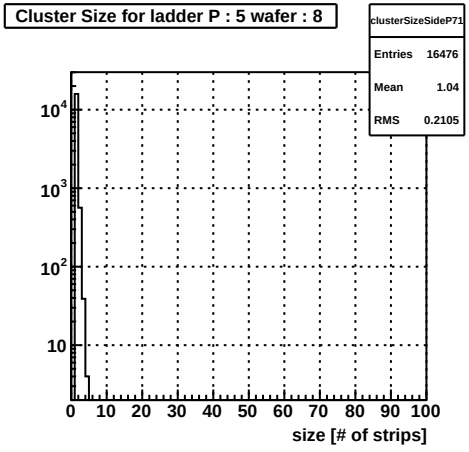

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 6083
Mean 1.064
RMS 0.2895
size [# of strips]

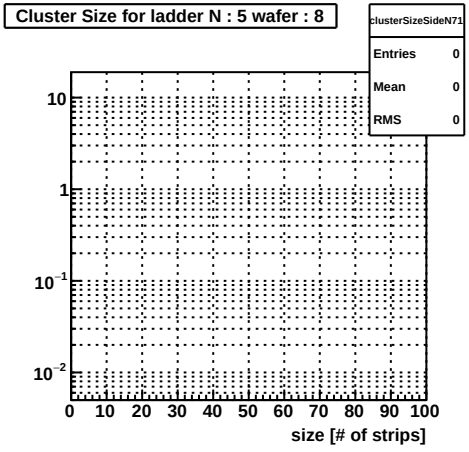

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1069
Mean 1.152
RMS 0.4405
size [# of strips]

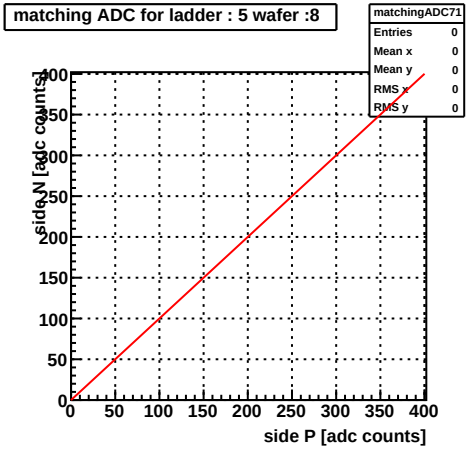

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 202
Mean x 72.42
Mean y 74.31
RMS x 66.61
RMS y 73.15
side N [adc counts]
side P [adc counts]

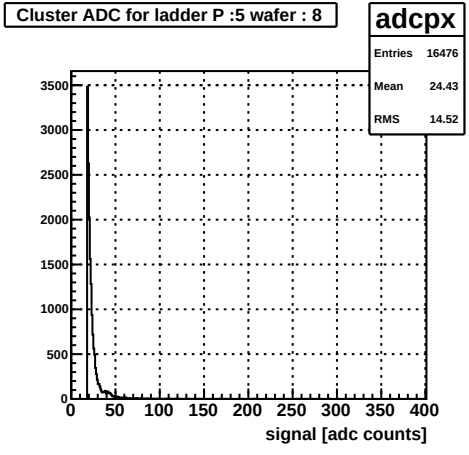

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 6083
Mean 29.38
RMS 25.55
signal [adc counts]

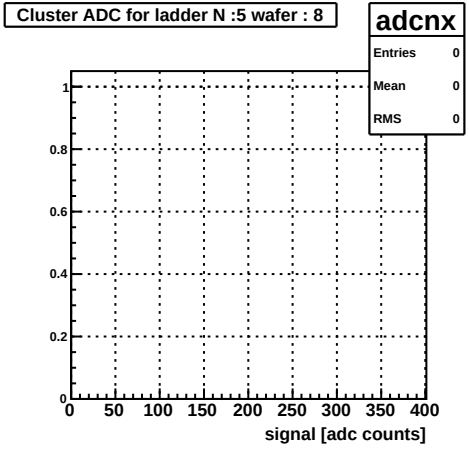

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1069
Mean 34.81
RMS 44.2
signal [adc counts]

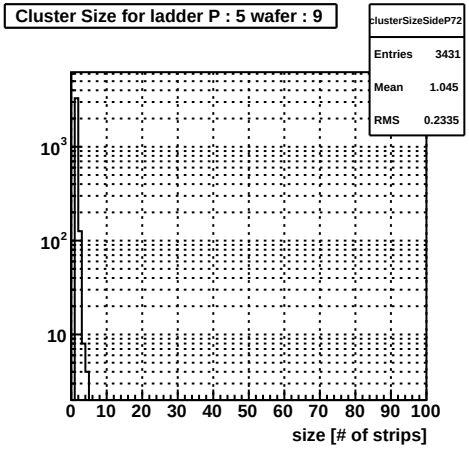

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 16476
Mean 1.04
RMS 0.2105
size [# of strips]

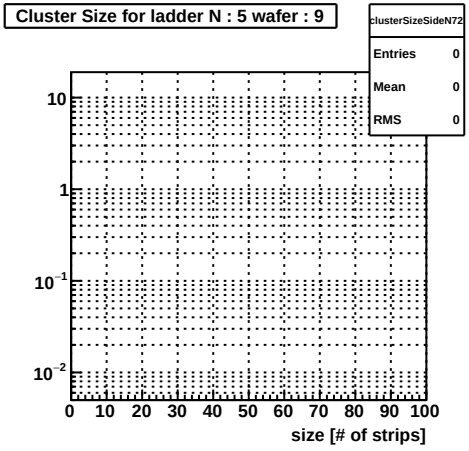

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

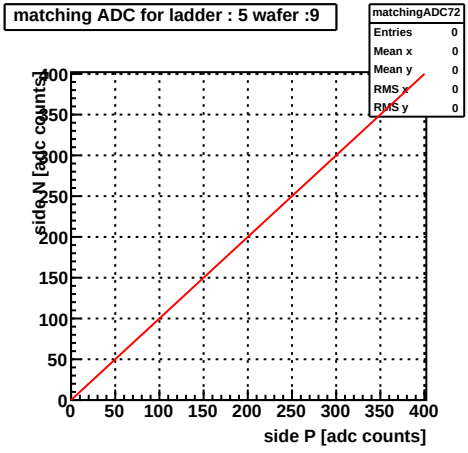

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

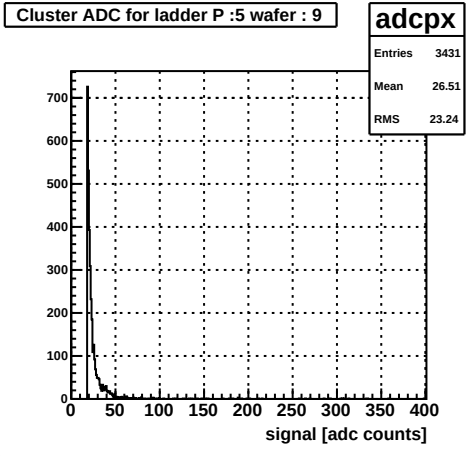

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 16476
Mean 24.43
RMS 14.52
signal [adc counts]

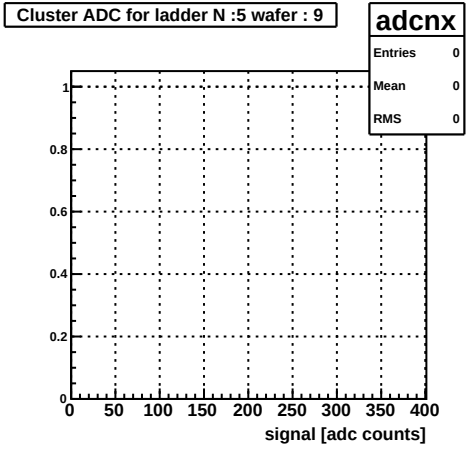

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

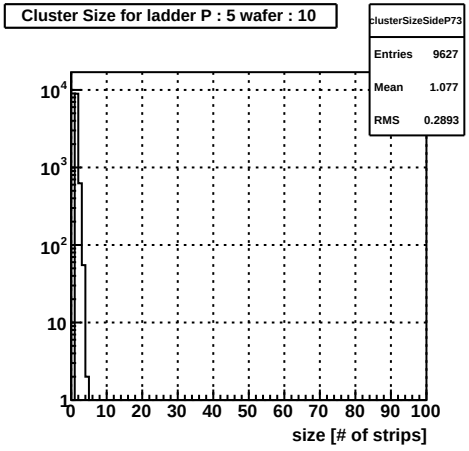

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 3431
Mean 1.045
RMS 0.2335
size [# of strips]

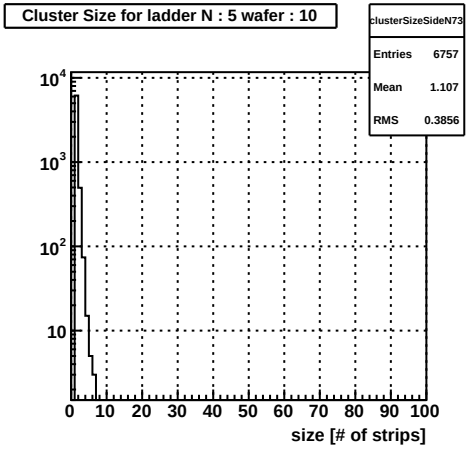

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

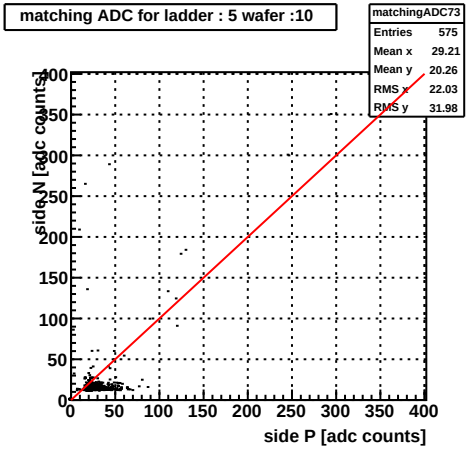

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

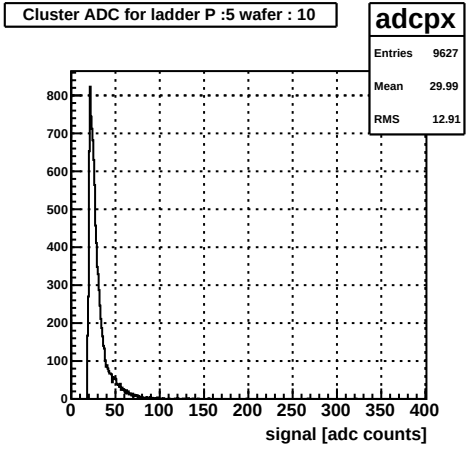

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 3431
Mean 26.51
RMS 23.24
signal [adc counts]

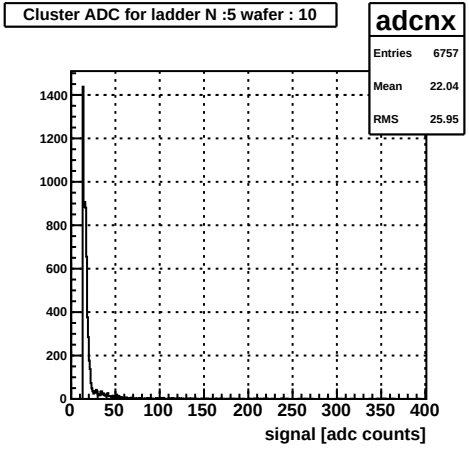

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

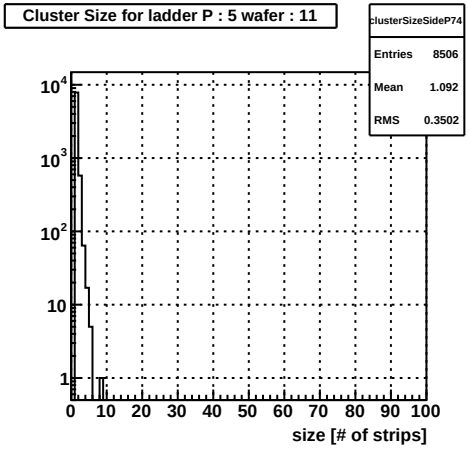

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 9627
Mean 1.077
RMS 0.2893
size [# of strips]

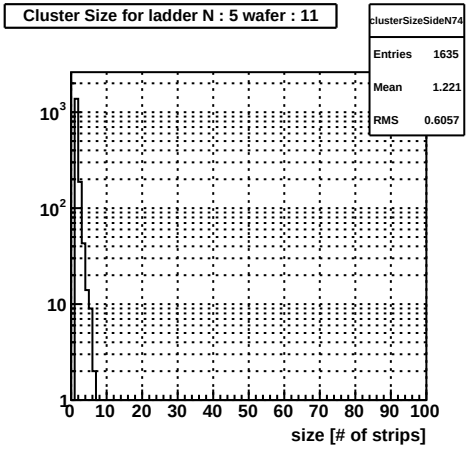

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 6757
Mean 1.107
RMS 0.3856
size [# of strips]

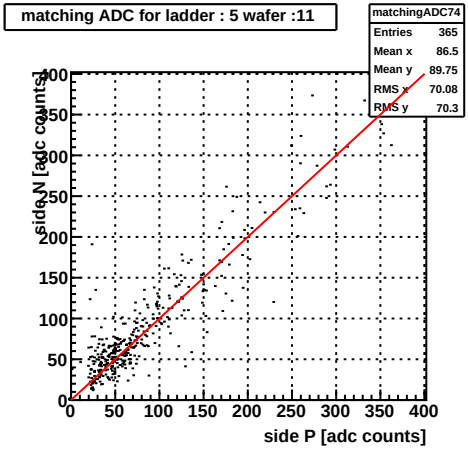

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 575
Mean x 29.21
Mean y 20.26
RMS x 22.03
RMS y 31.98
side N [adc counts]
side P [adc counts]

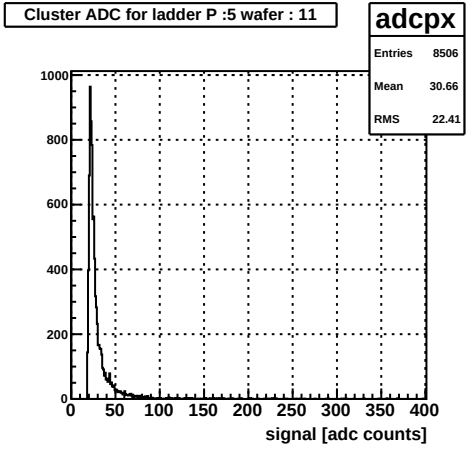

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 9627
Mean 29.99
RMS 12.91
signal [adc counts]

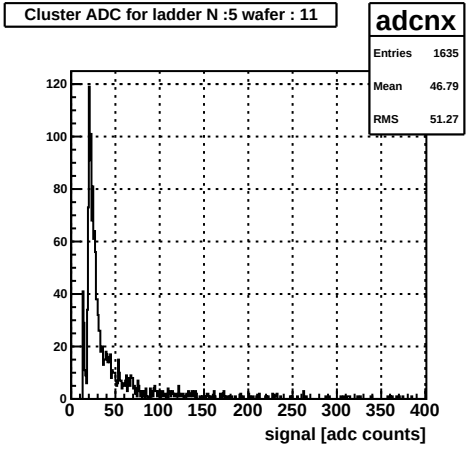

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 6757
Mean 22.04
RMS 25.95
signal [adc counts]

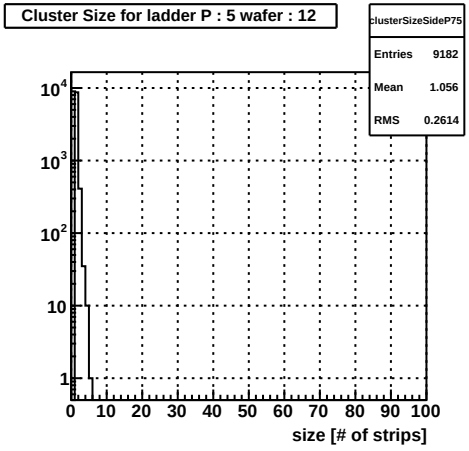

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 8506
Mean 1.092
RMS 0.3502
size [# of strips]

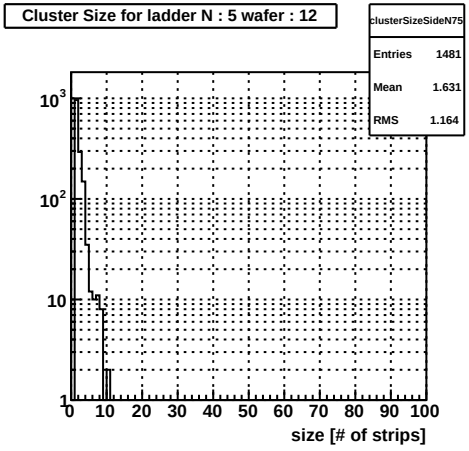

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 1635
Mean 1.221
RMS 0.6057
size [# of strips]

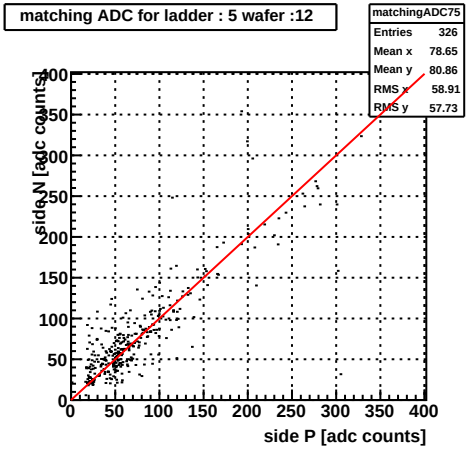

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 365
Mean x 86.5
Mean y 89.75
RMS x 70.08
RMS y 70.3
side N [adc counts]
side P [adc counts]

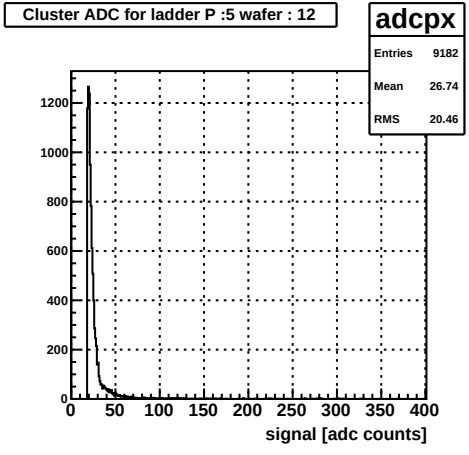

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 8506
Mean 30.66
RMS 22.41
signal [adc counts]

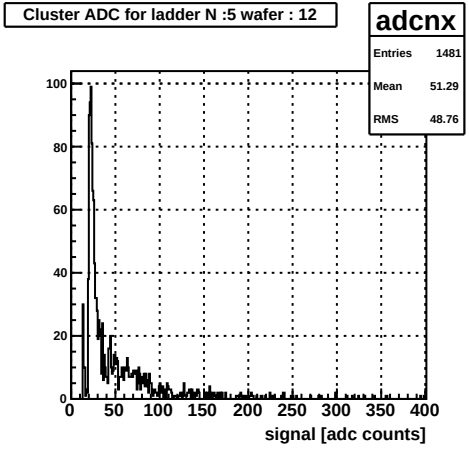

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 1635
Mean 46.79
RMS 51.27
signal [adc counts]

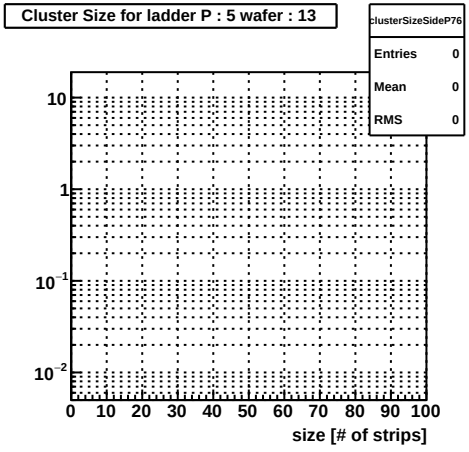

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 9182
Mean 1.056
RMS 0.2614
size [# of strips]

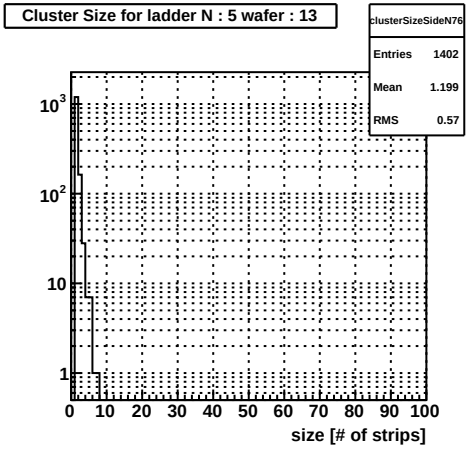

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 1481
Mean 1.631
RMS 1.164
size [# of strips]

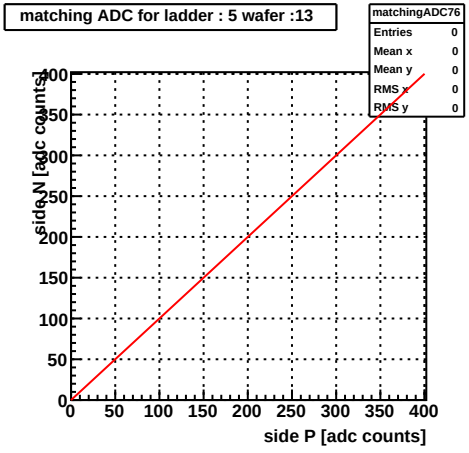

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 326
Mean x 78.65
Mean y 80.86
RMS x 58.91
RMS y 57.73
side N [adc counts]
side P [adc counts]

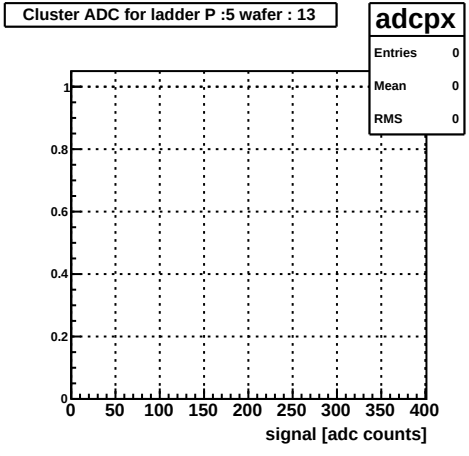

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 9182
Mean 26.74
RMS 20.46
signal [adc counts]

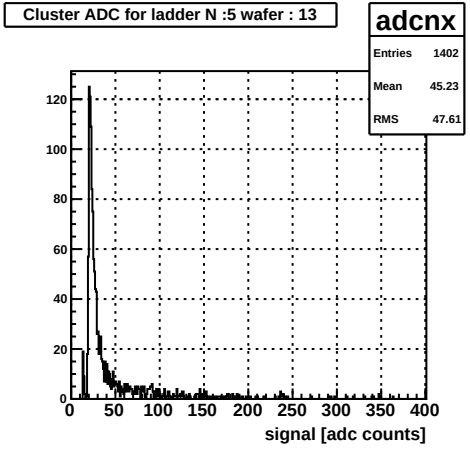

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 1481
Mean 51.29
RMS 48.76
signal [adc counts]

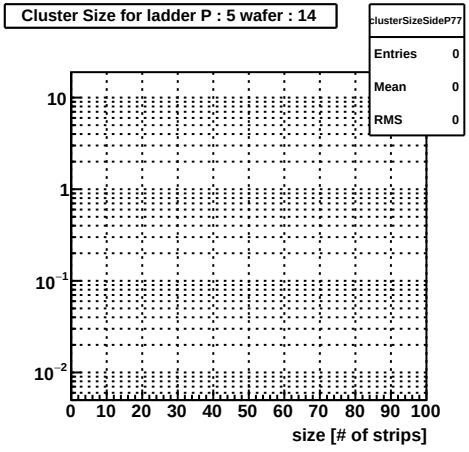

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 0
Mean 0
RMS 0
size [# of strips]

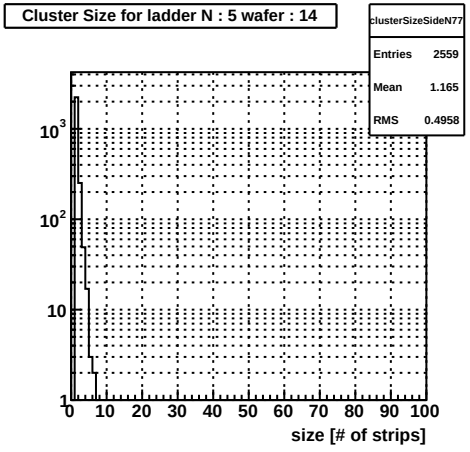

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 1402
Mean 1.199
RMS 0.57
size [# of strips]

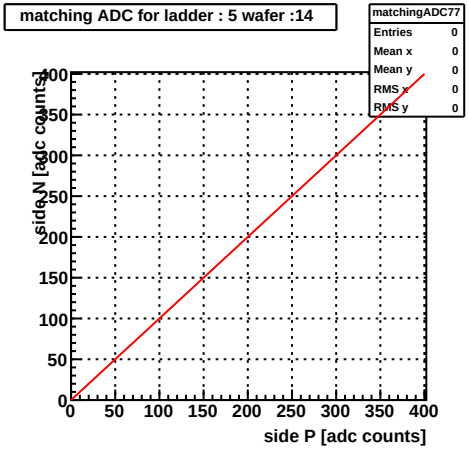

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

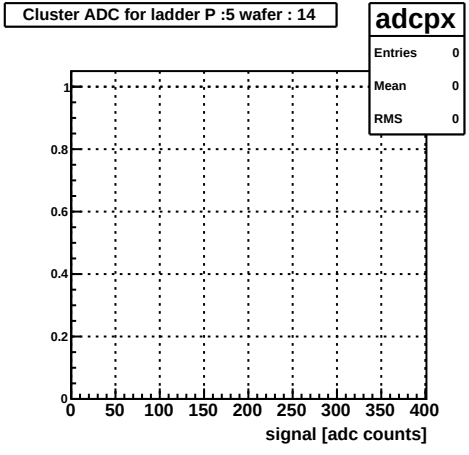

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

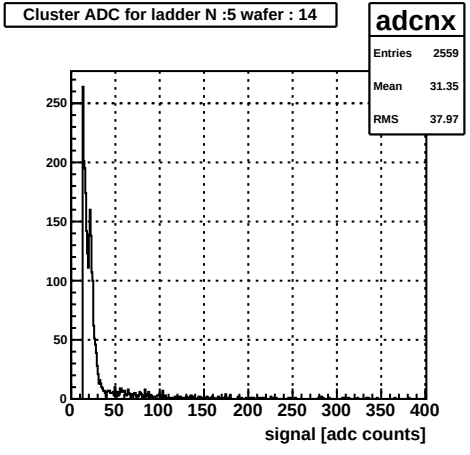

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 1402
Mean 45.23
RMS 47.61
signal [adc counts]

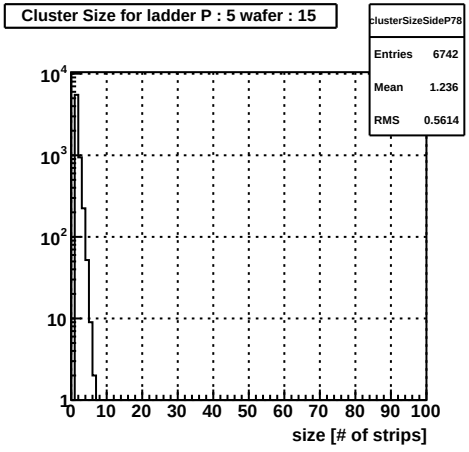

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

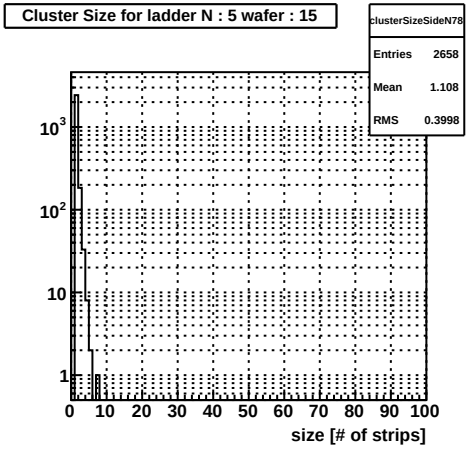

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 2559
Mean 1.165
RMS 0.4958
size [# of strips]

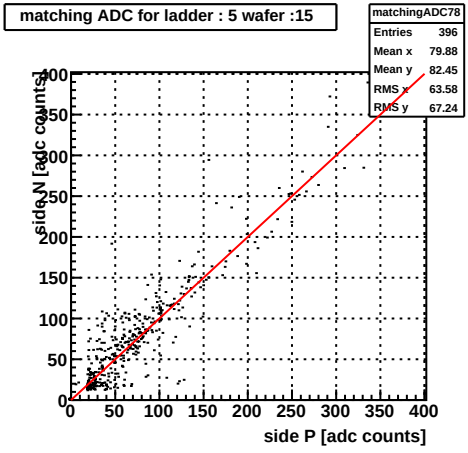

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

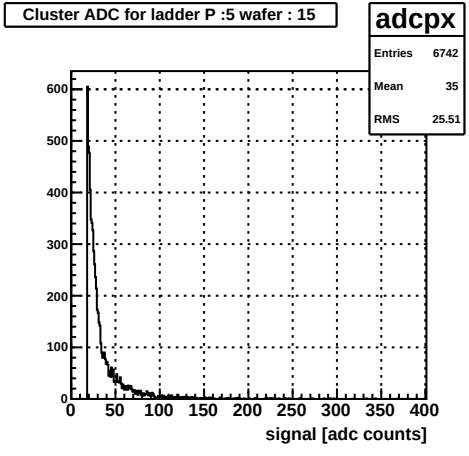

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

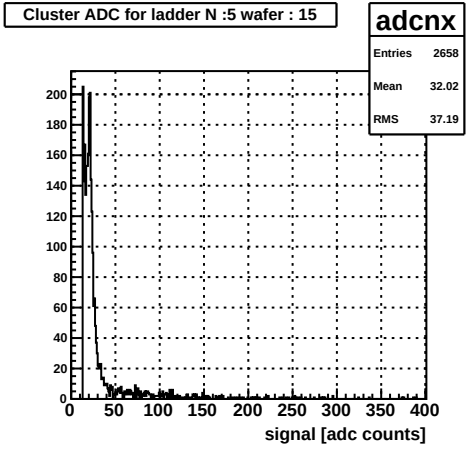

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 2559
Mean 31.35
RMS 37.97
signal [adc counts]

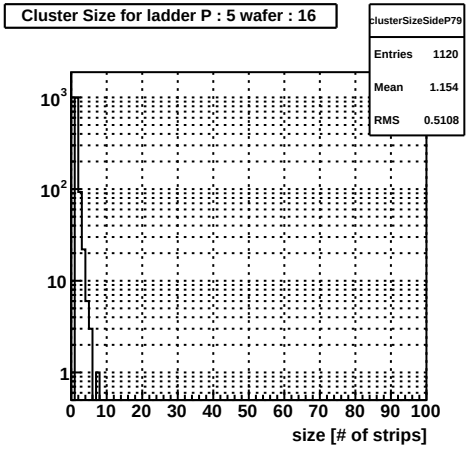

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 6742
Mean 1.236
RMS 0.5614
size [# of strips]

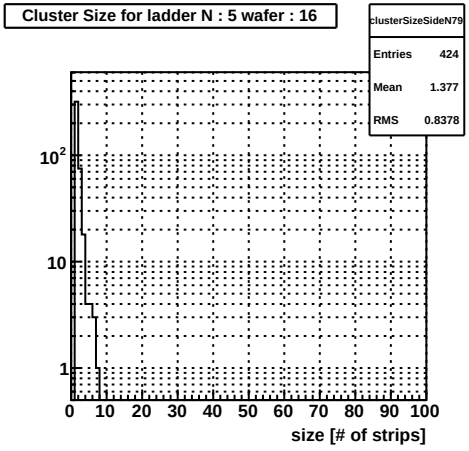

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 2658
Mean 1.108
RMS 0.3998
size [# of strips]

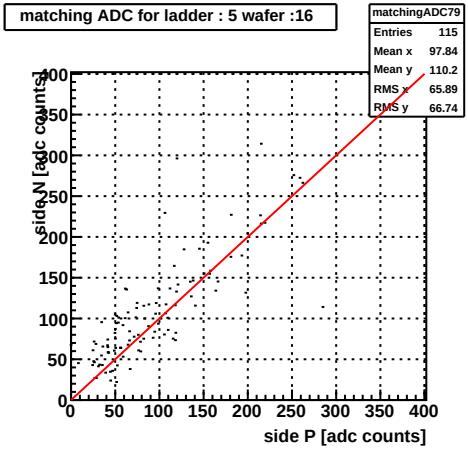

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 396
Mean x 79.88
Mean y 82.45
RMS x 63.58
RMS y 67.24
side N [adc counts]
side P [adc counts]

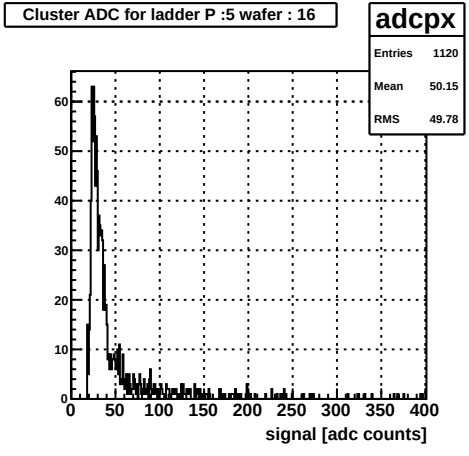

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 6742
Mean 35
RMS 25.51
signal [adc counts]

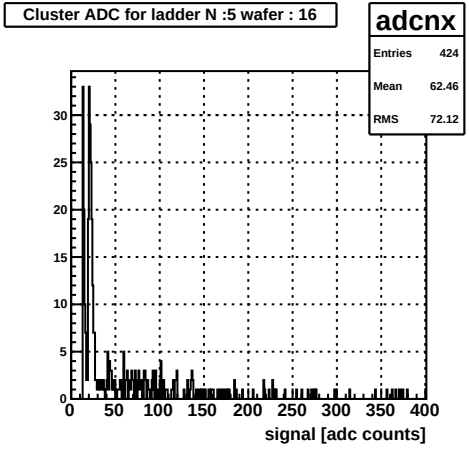

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 2658
Mean 32.02
RMS 37.19
signal [adc counts]

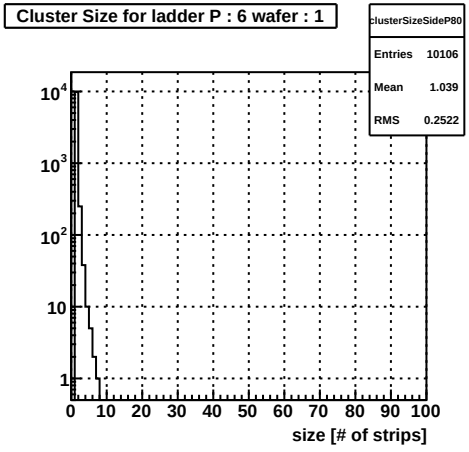

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 1120
Mean 1.154
RMS 0.5108
size [# of strips]

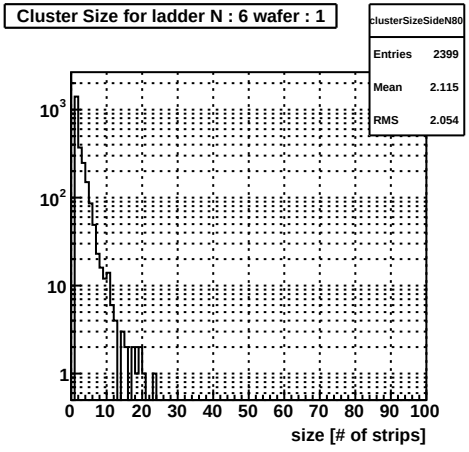

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 424
Mean 1.377
RMS 0.8378
size [# of strips]

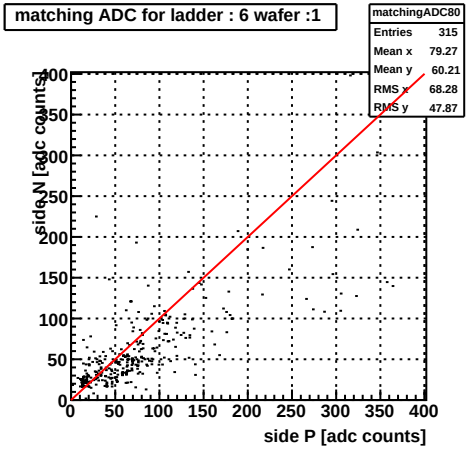

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 115
Mean x 97.84
Mean y 110.2
RMS x 65.89
RMS y 66.74
side N [adc counts]
side P [adc counts]

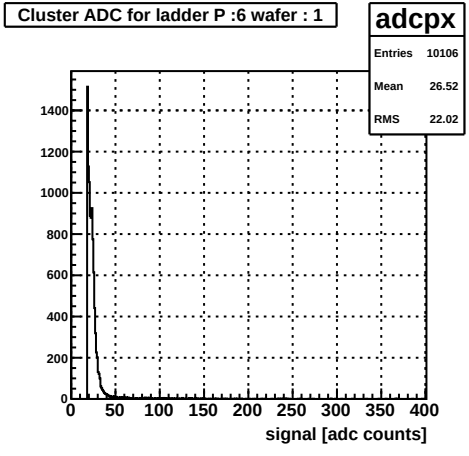

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 1120
Mean 50.15
RMS 49.78
signal [adc counts]

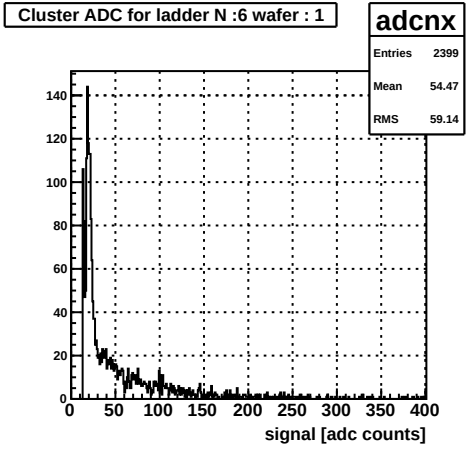

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 424
Mean 62.46
RMS 72.12
signal [adc counts]

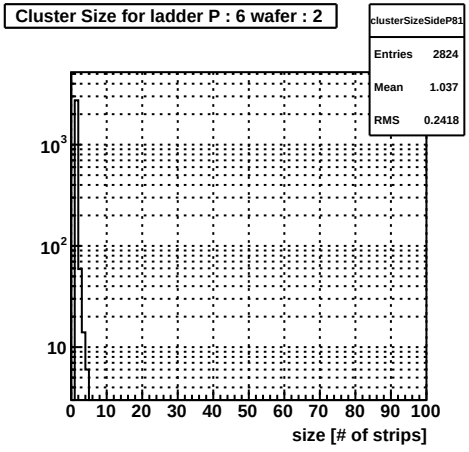

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 10106
Mean 1.039
RMS 0.2522
size [# of strips]

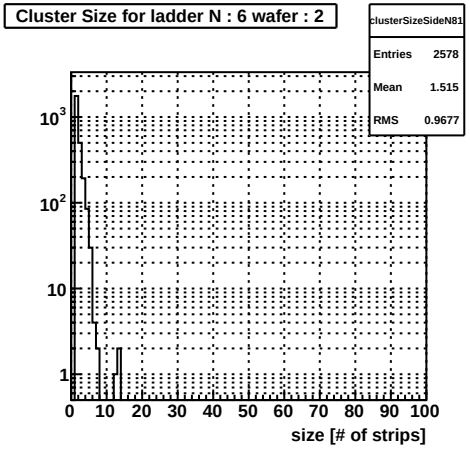

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 2399
Mean 2.115
RMS 2.054
size [# of strips]

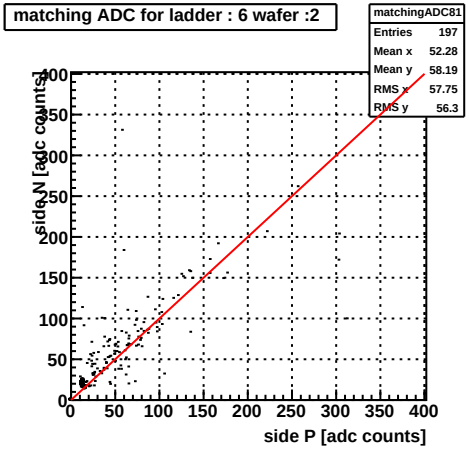

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 315
Mean x 79.27
Mean y 60.21
RMS x 68.28
RMS y 47.87
side N [adc counts]
side P [adc counts]

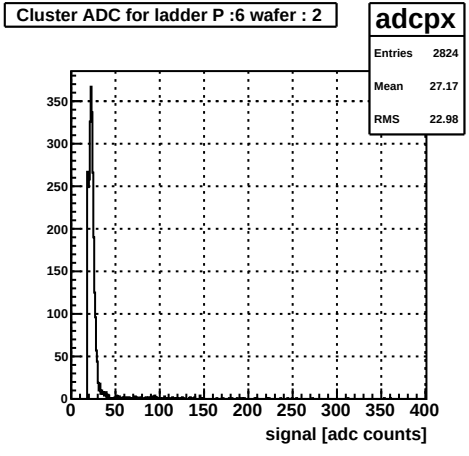

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 10106
Mean 26.52
RMS 22.02
signal [adc counts]

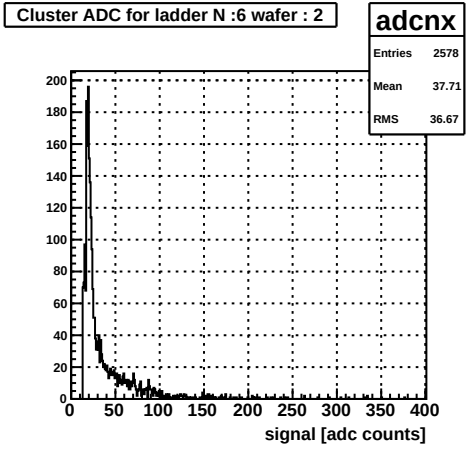

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 2399
Mean 54.47
RMS 59.14
signal [adc counts]

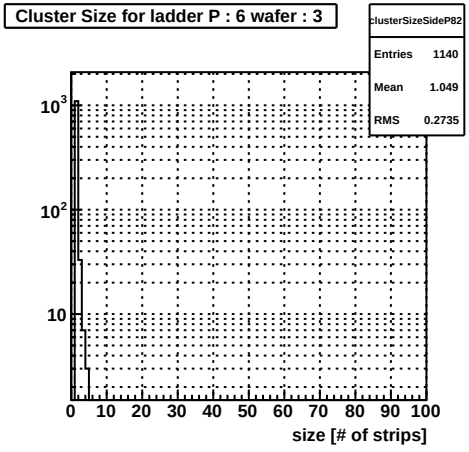

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 2824
Mean 1.037
RMS 0.2418
size [# of strips]

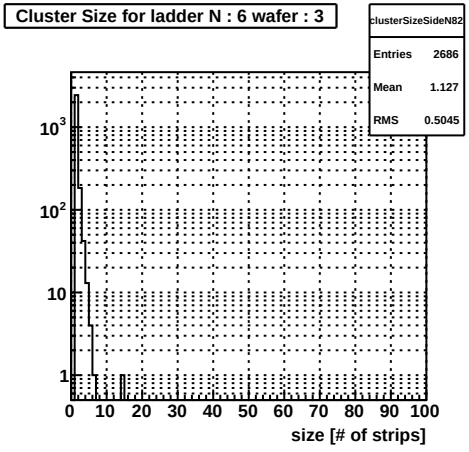

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 2578
Mean 1.515
RMS 0.9677
size [# of strips]

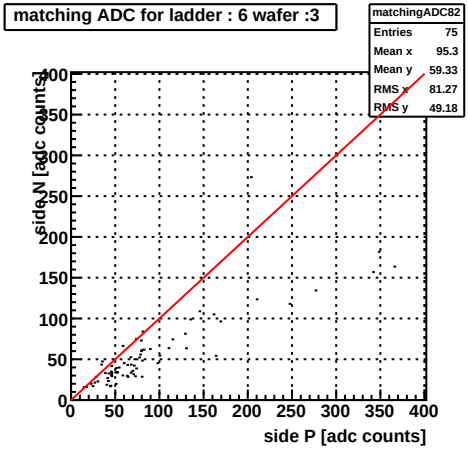

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 197
Mean x 52.28
Mean y 58.19
RMS x 57.75
RMS y 56.3
side N [adc counts]
side P [adc counts]

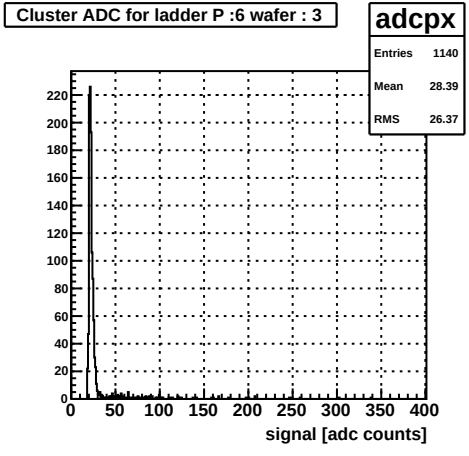

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 2824
Mean 27.17
RMS 22.98
signal [adc counts]

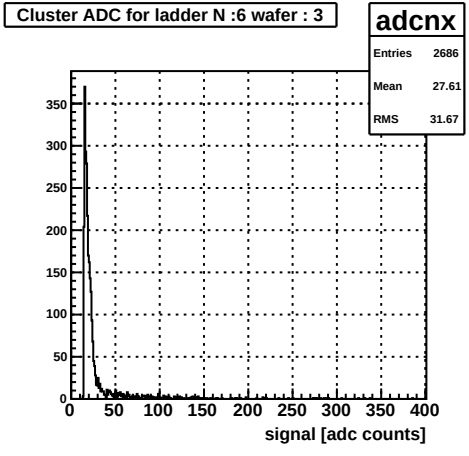

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 2578
Mean 37.71
RMS 36.67
signal [adc counts]

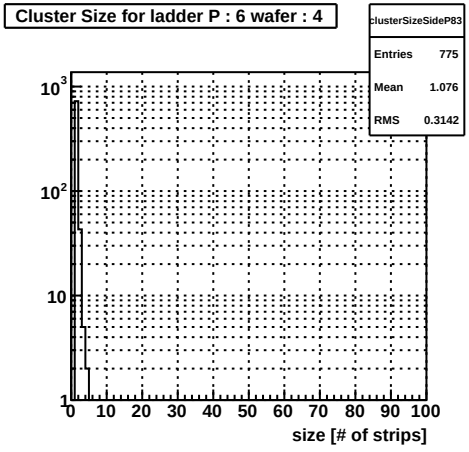

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1140
Mean 1.049
RMS 0.2735
size [# of strips]

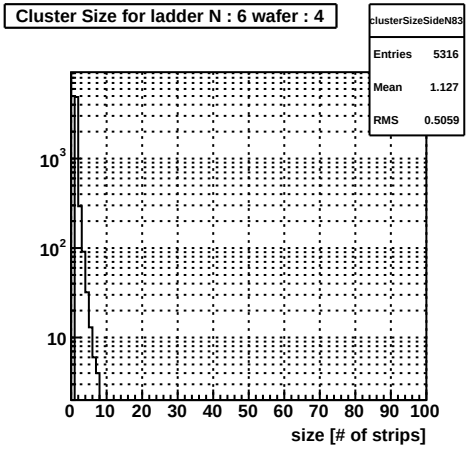

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 2686
Mean 1.127
RMS 0.5045
size [# of strips]

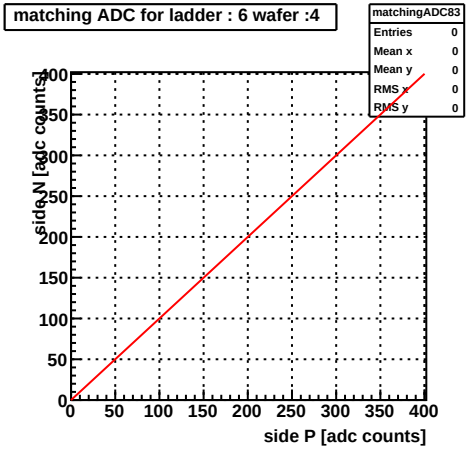

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 75
Mean x 95.3
Mean y 59.33
RMS x 81.27
RMS y 49.18
side N [adc counts]
side P [adc counts]

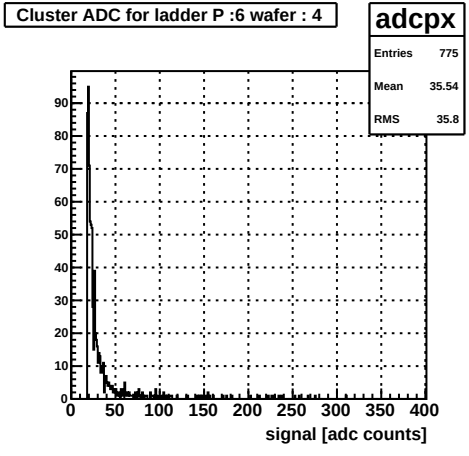

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1140
Mean 28.39
RMS 26.37
signal [adc counts]

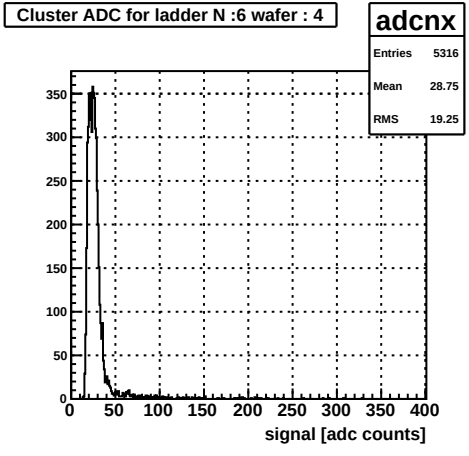

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 2686
Mean 27.61
RMS 31.67
signal [adc counts]

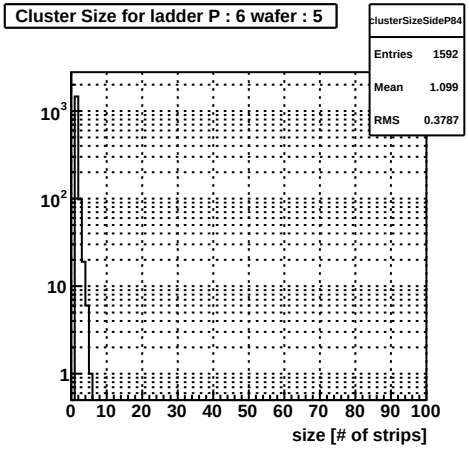

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 775
Mean 1.076
RMS 0.3142
size [# of strips]

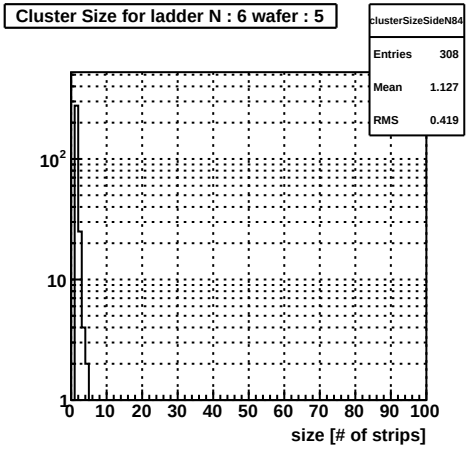

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 5316
Mean 1.127
RMS 0.5059
size [# of strips]

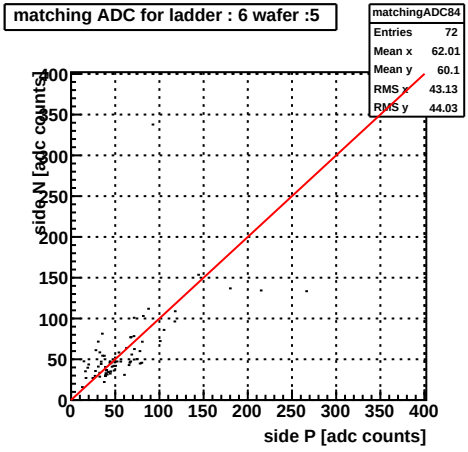

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

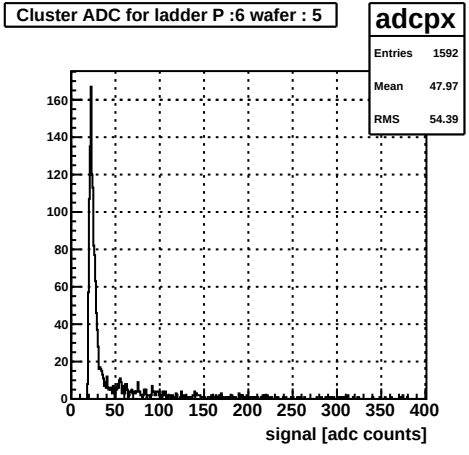

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 775
Mean 35.54
RMS 35.8
signal [adc counts]

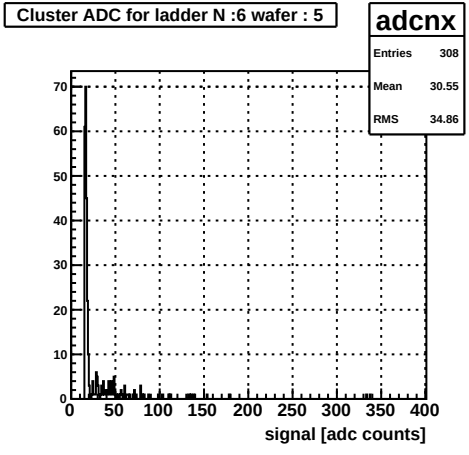

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 5316
Mean 28.75
RMS 19.25
signal [adc counts]

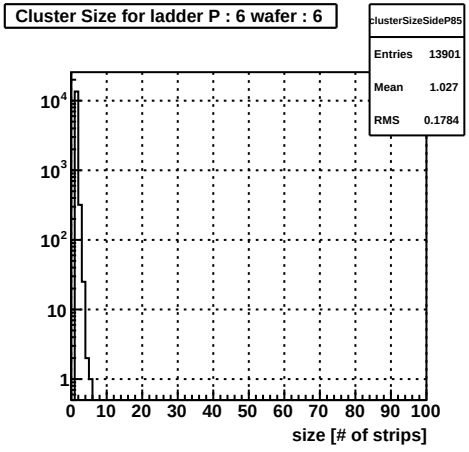

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 1592
Mean 1.099
RMS 0.3787
size [# of strips]

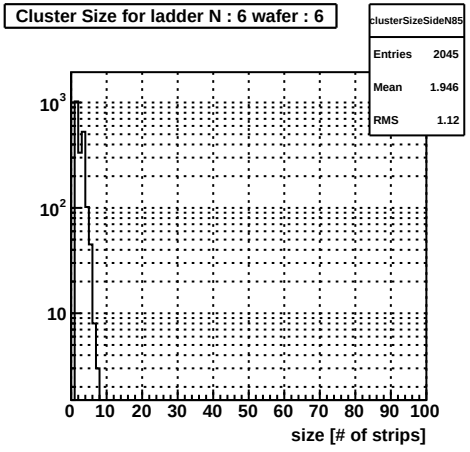

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 308
Mean 1.127
RMS 0.419
size [# of strips]

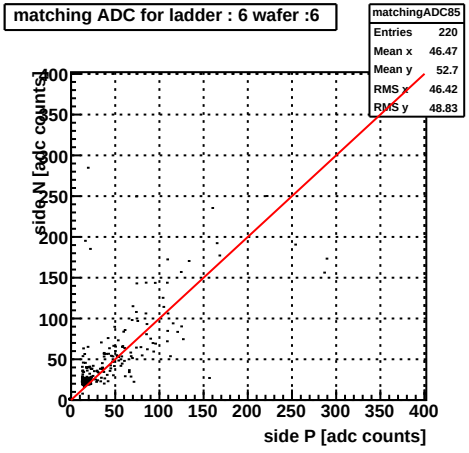

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 72
Mean x 62.01
Mean y 60.1
RMS x 43.13
RMS y 44.03
side N [adc counts]
side P [adc counts]

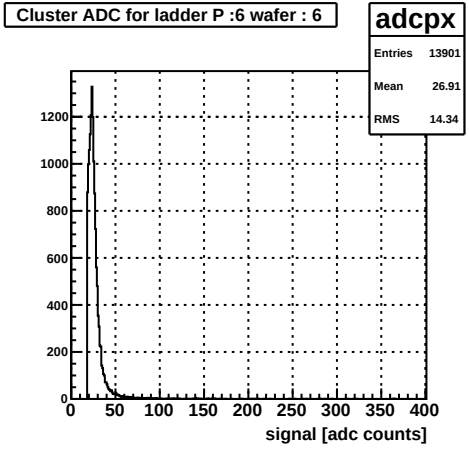

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 1592
Mean 47.97
RMS 54.39
signal [adc counts]

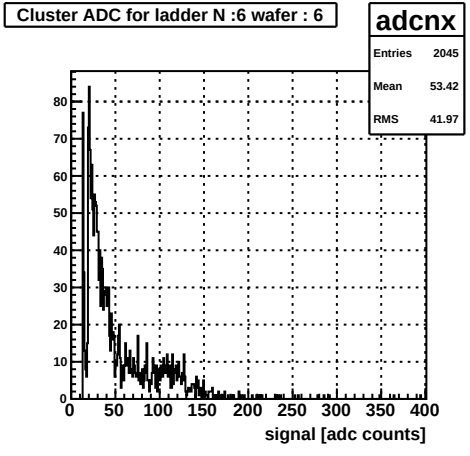

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 308
Mean 30.55
RMS 34.86
signal [adc counts]

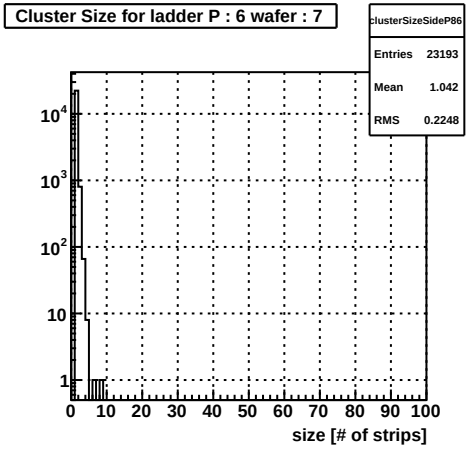

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 13901
Mean 1.027
RMS 0.1784
size [# of strips]

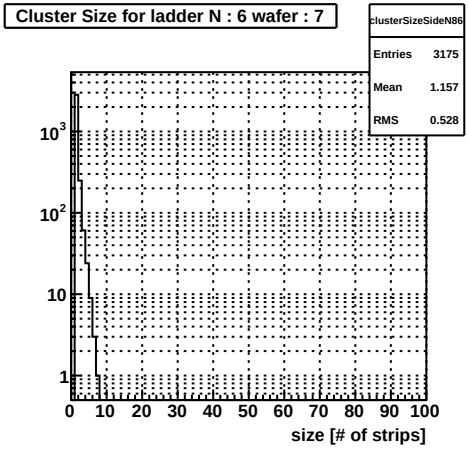

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 2045
Mean 1.946
RMS 1.12
size [# of strips]

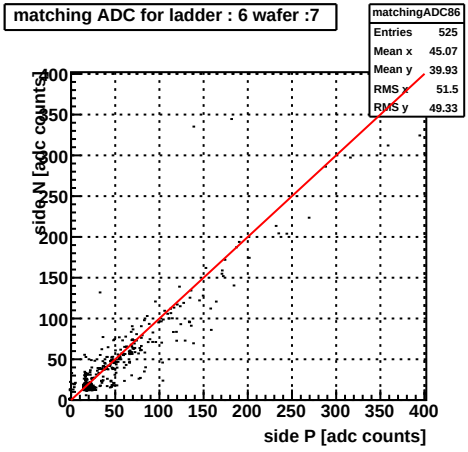

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 220
Mean x 46.47
Mean y 52.7
RMS x 46.42
RMS y 48.83
side N [adc counts]
side P [adc counts]

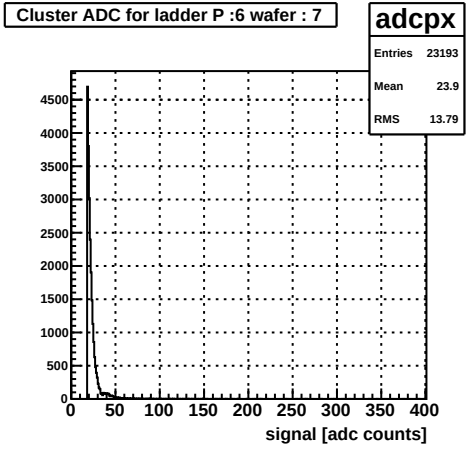

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 13901
Mean 26.91
RMS 14.34
signal [adc counts]

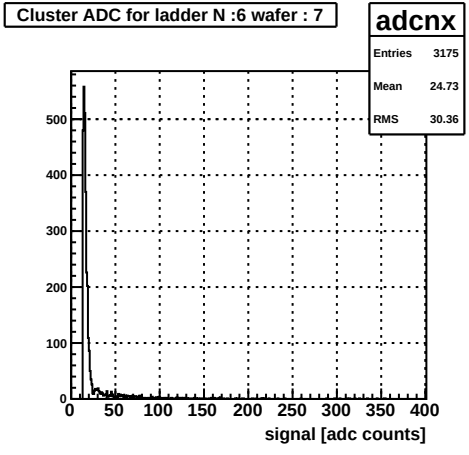

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 2045
Mean 53.42
RMS 41.97
signal [adc counts]

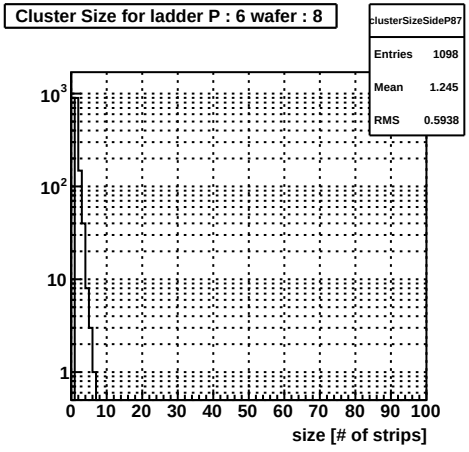

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 23193
Mean 1.042
RMS 0.2248
size [# of strips]

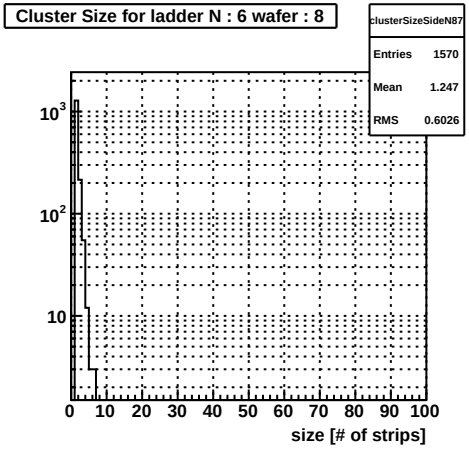

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 3175
Mean 1.157
RMS 0.528
size [# of strips]

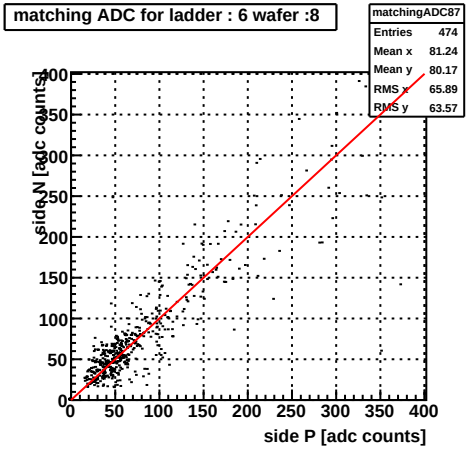

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 525
Mean x 45.07
Mean y 39.93
RMS x 51.5
RMS y 49.33
side N [adc counts]
side P [adc counts]

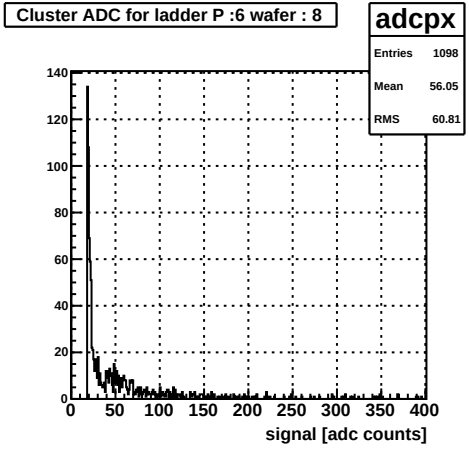

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 23193
Mean 23.9
RMS 13.79
signal [adc counts]

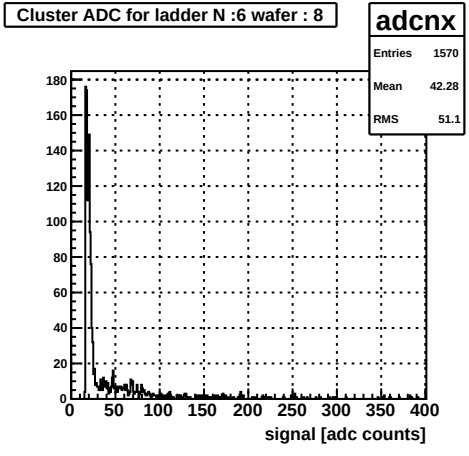

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 3175
Mean 24.73
RMS 30.36
signal [adc counts]

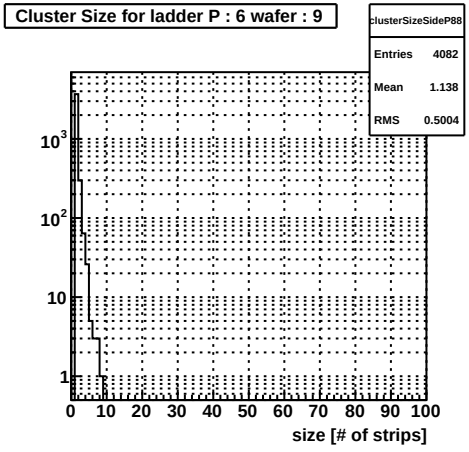

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1098
Mean 1.245
RMS 0.5938
size [# of strips]

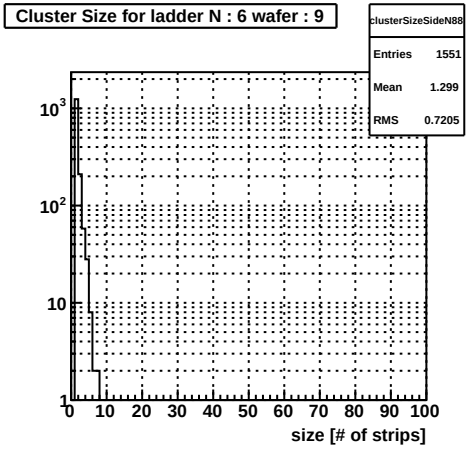

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 1570
Mean 1.247
RMS 0.6026
size [# of strips]

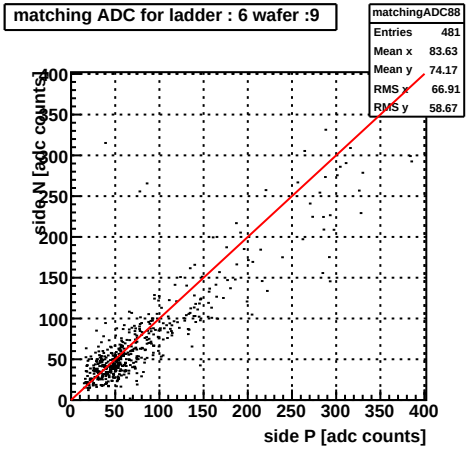

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 474
Mean x 81.24
Mean y 80.17
RMS x 65.89
RMS y 63.57
side N [adc counts]
side P [adc counts]

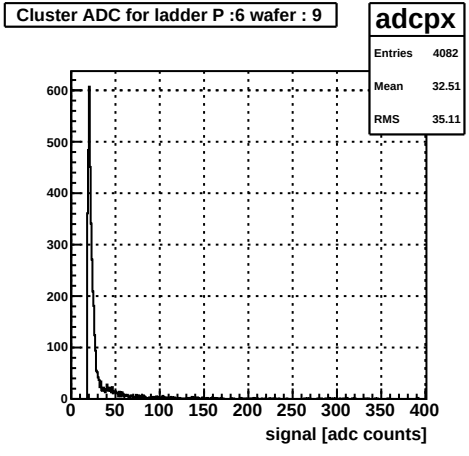

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1098
Mean 56.05
RMS 60.81
signal [adc counts]

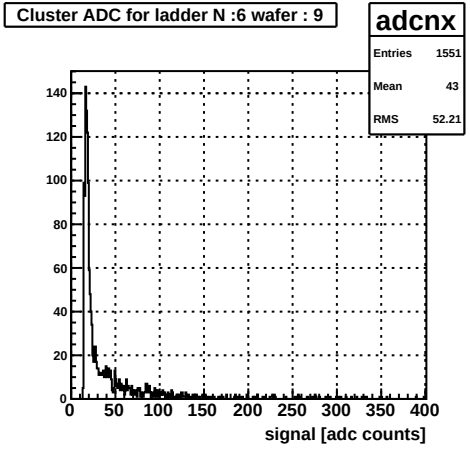

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 1570
Mean 42.28
RMS 51.1
signal [adc counts]

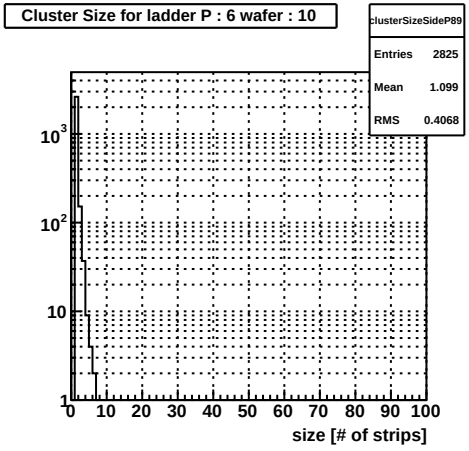

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 4082
Mean 1.138
RMS 0.5004
size [# of strips]

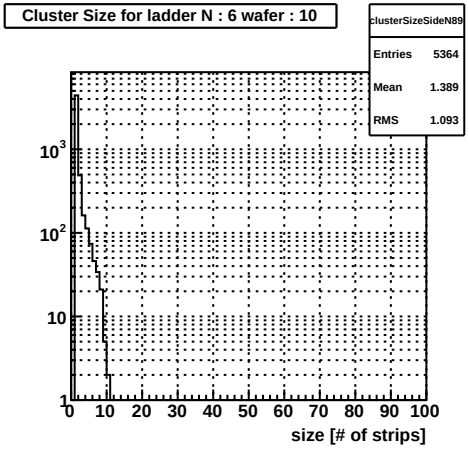

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 1551
Mean 1.299
RMS 0.7205
size [# of strips]

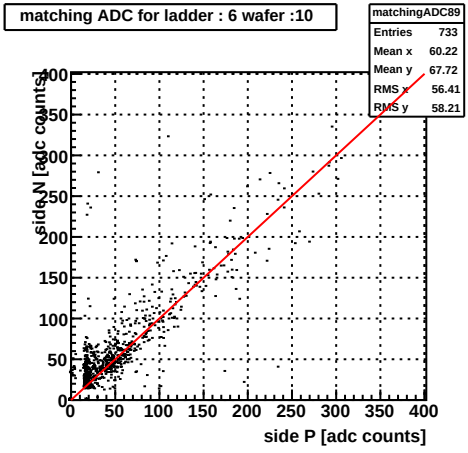

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 481
Mean x 83.63
Mean y 74.17
RMS x 66.91
RMS y 58.67
side N [adc counts]
side P [adc counts]

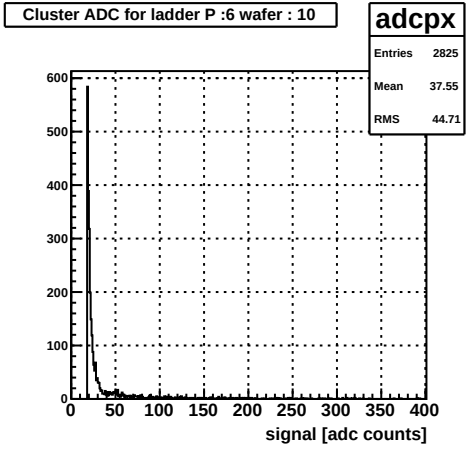

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 4082
Mean 32.51
RMS 35.11
signal [adc counts]

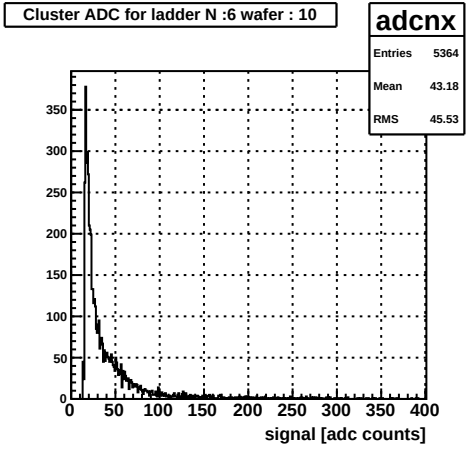

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 1551
Mean 43
RMS 52.21
signal [adc counts]

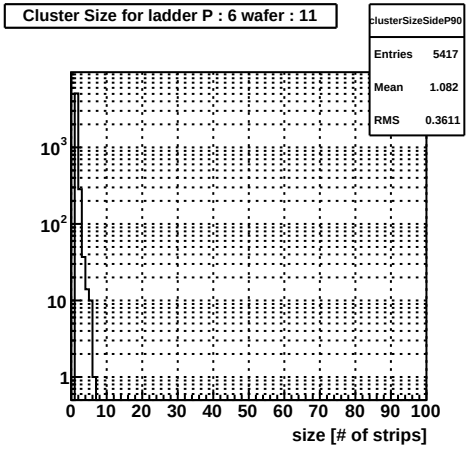

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 2825
Mean 1.099
RMS 0.4068
size [# of strips]

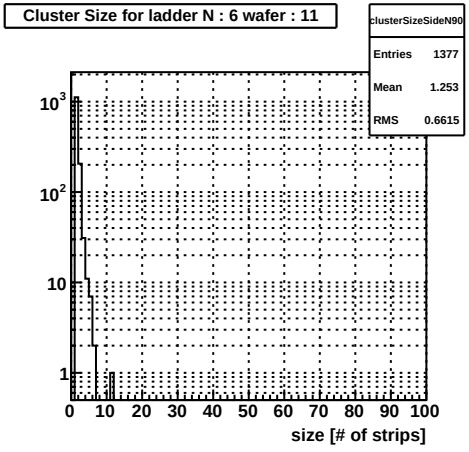

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 5364
Mean 1.389
RMS 1.093
size [# of strips]

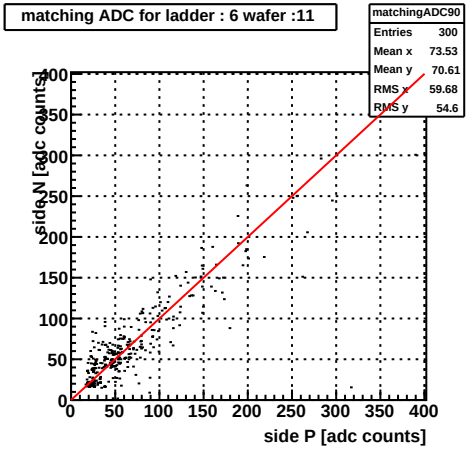

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 733
Mean x 60.22
Mean y 67.72
RMS x 56.41
RMS y 58.21
side N [adc counts]
side P [adc counts]

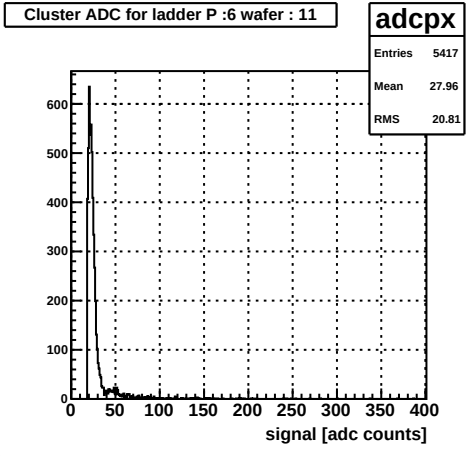

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 2825
Mean 37.55
RMS 44.71
signal [adc counts]

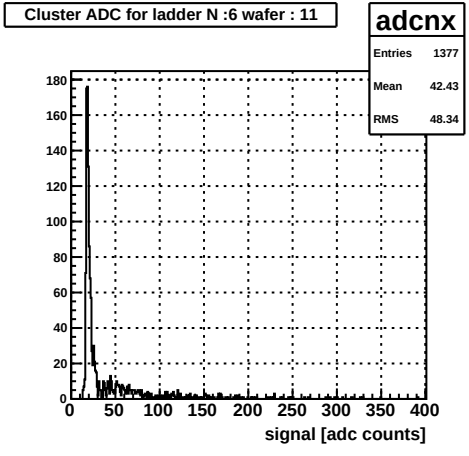

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 5364
Mean 43.18
RMS 45.53
signal [adc counts]

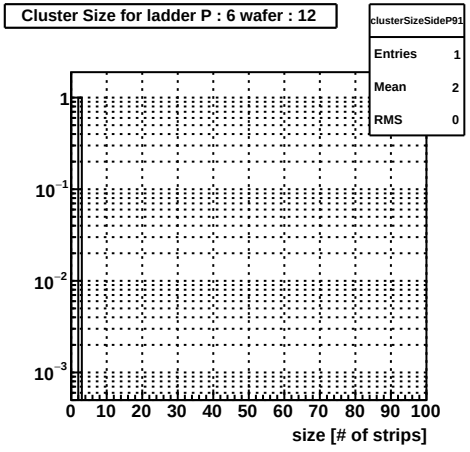

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 5417
Mean 1.082
RMS 0.3611
size [# of strips]

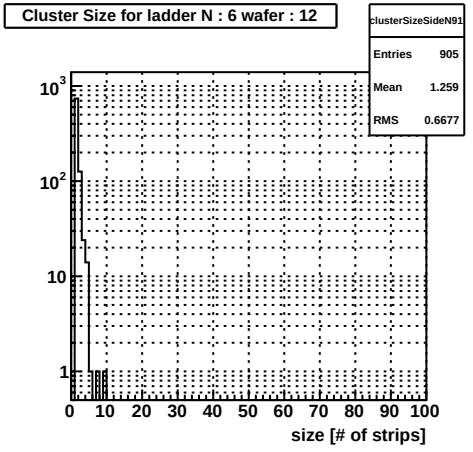

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 1377
Mean 1.253
RMS 0.6615
size [# of strips]

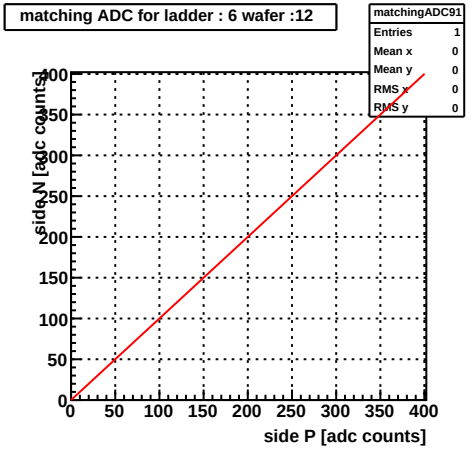

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 300
Mean x 73.53
Mean y 70.61
RMS x 59.68
RMS y 54.6
side N [adc counts]
side P [adc counts]

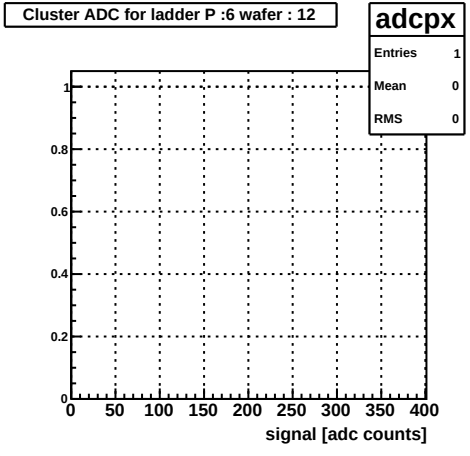

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 5417
Mean 27.96
RMS 20.81
signal [adc counts]

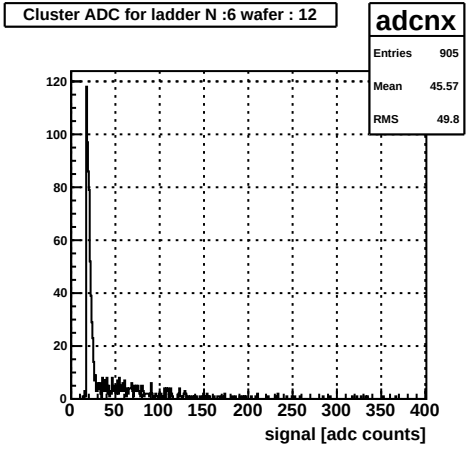

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 1377
Mean 42.43
RMS 48.34
signal [adc counts]

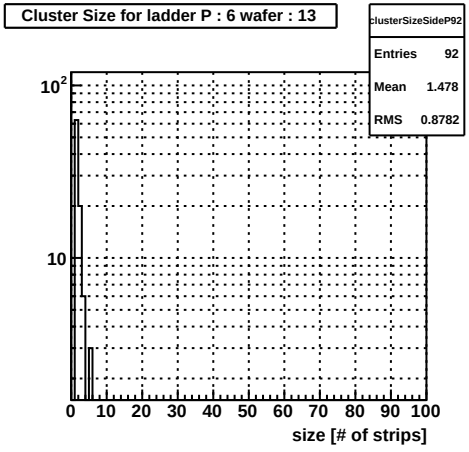

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 1
Mean 2
RMS 0
size [# of strips]

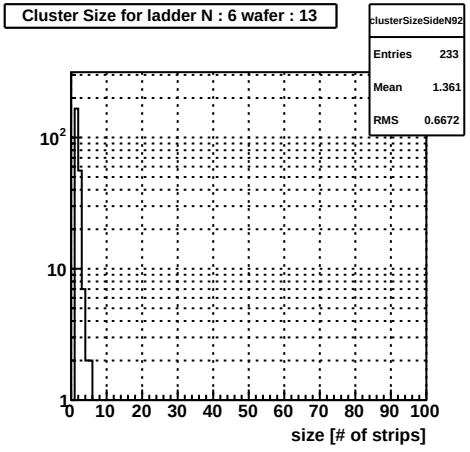

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 905
Mean 1.259
RMS 0.6677
size [# of strips]

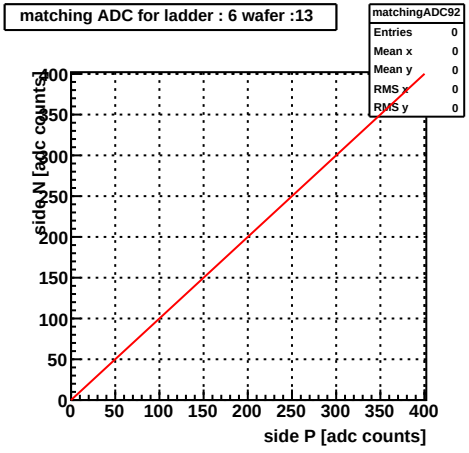

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

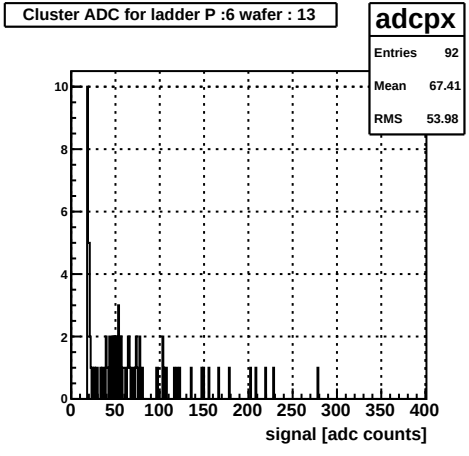

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

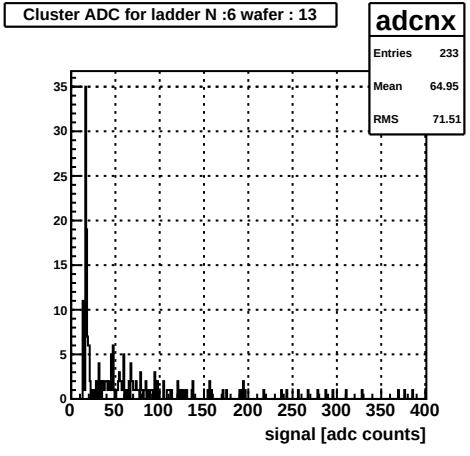

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 905
Mean 45.57
RMS 49.8
signal [adc counts]

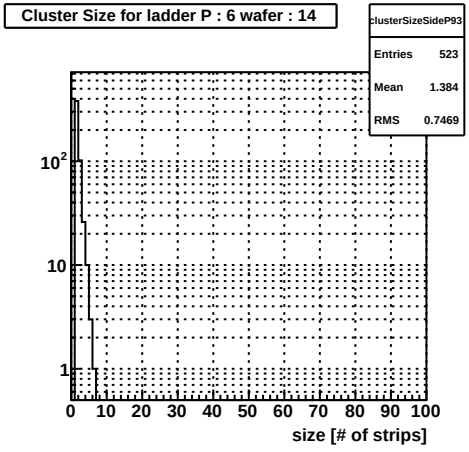

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 92
Mean 1.478
RMS 0.8782
size [# of strips]

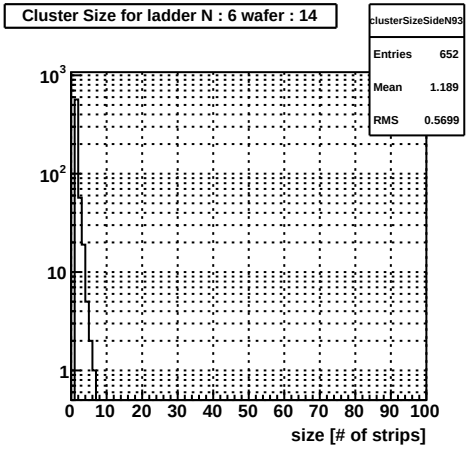

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 233
Mean 1.361
RMS 0.6672
size [# of strips]

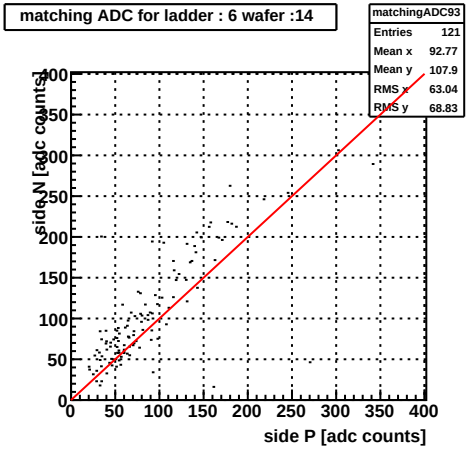

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

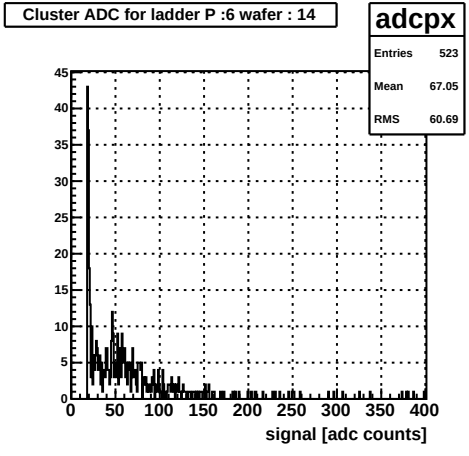

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 92
Mean 67.41
RMS 53.98
signal [adc counts]

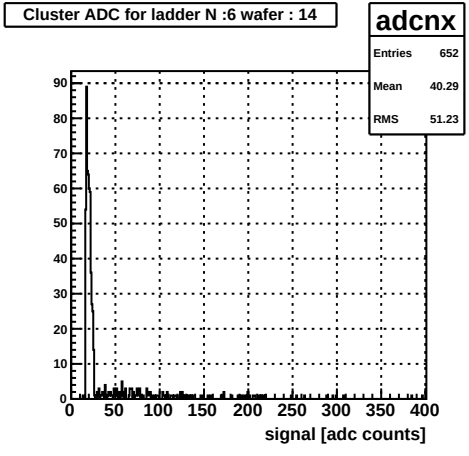

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 233
Mean 64.95
RMS 71.51
signal [adc counts]

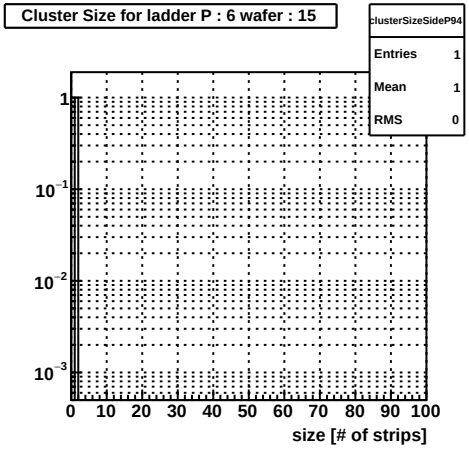

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 523
Mean 1.384
RMS 0.7469
size [# of strips]

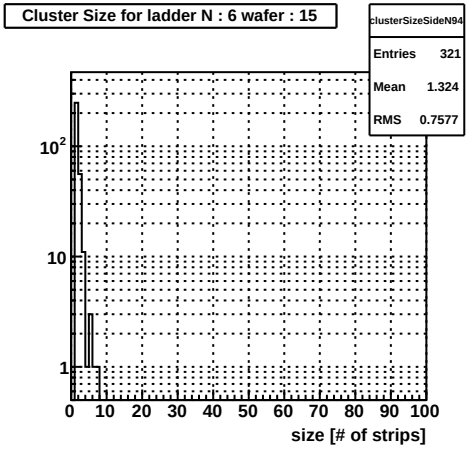

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 652
Mean 1.189
RMS 0.5699
size [# of strips]

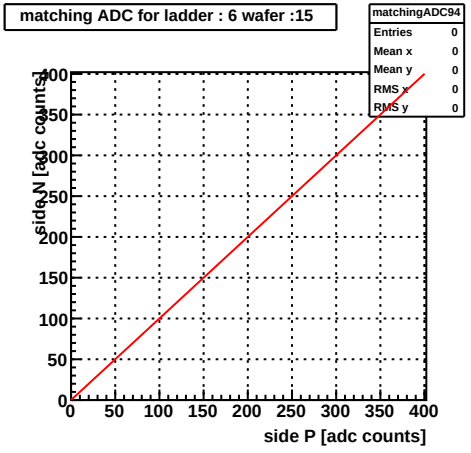

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 121
Mean x 92.77
Mean y 107.9
RMS x 63.04
RMS y 68.83
side N [adc counts]
side P [adc counts]

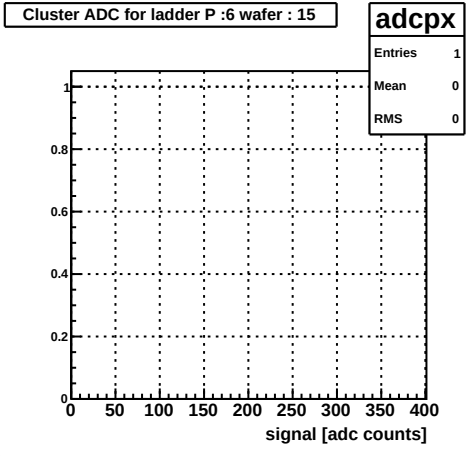

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 523
Mean 67.05
RMS 60.69
signal [adc counts]

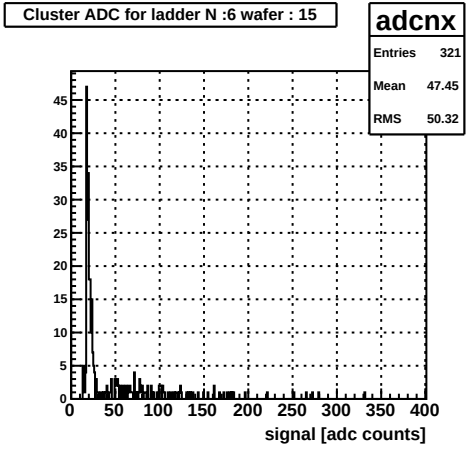

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 652
Mean 40.29
RMS 51.23
signal [adc counts]

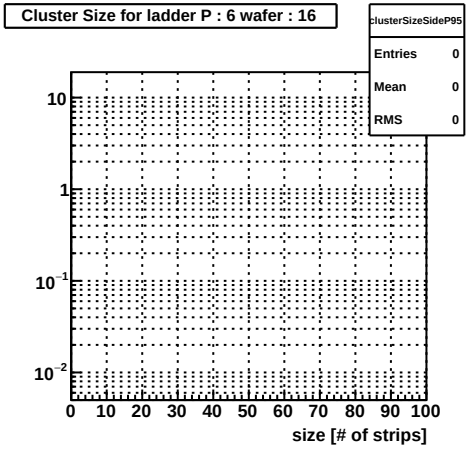

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 1
Mean 1
RMS 0
size [# of strips]

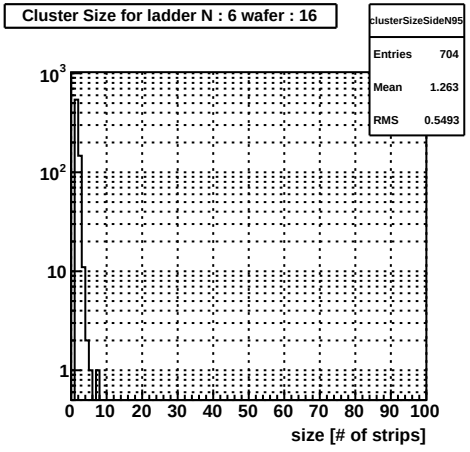

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 321
Mean 1.324
RMS 0.7577
size [# of strips]

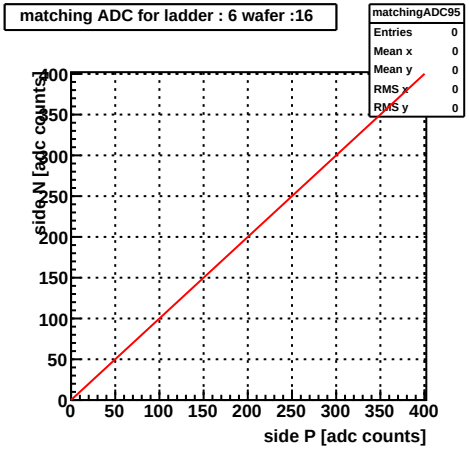

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

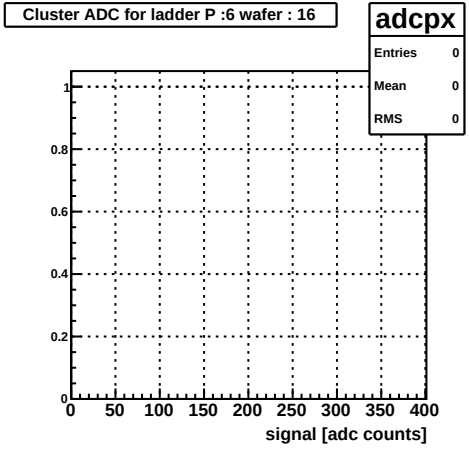

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

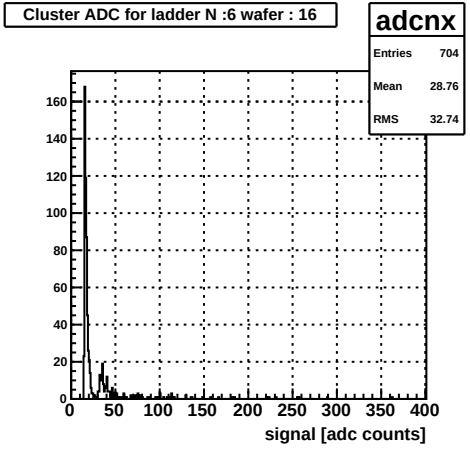

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 321
Mean 47.45
RMS 50.32
signal [adc counts]

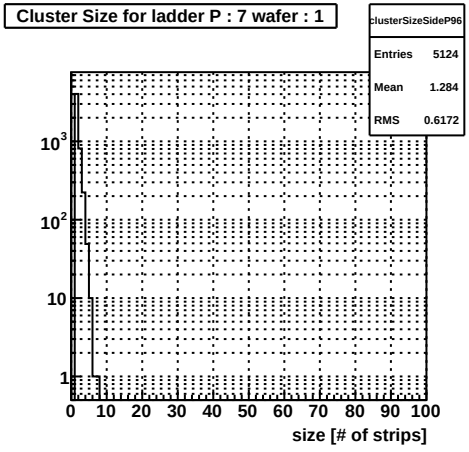

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

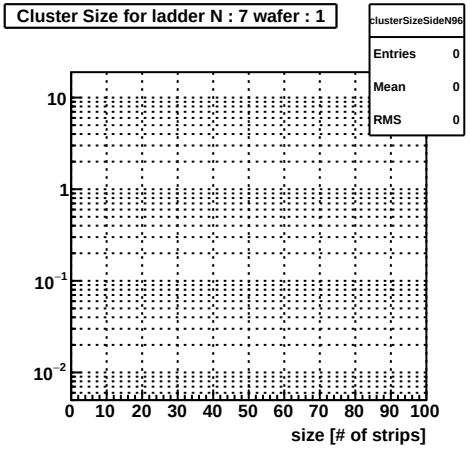

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 704
Mean 1.263
RMS 0.5493
size [# of strips]

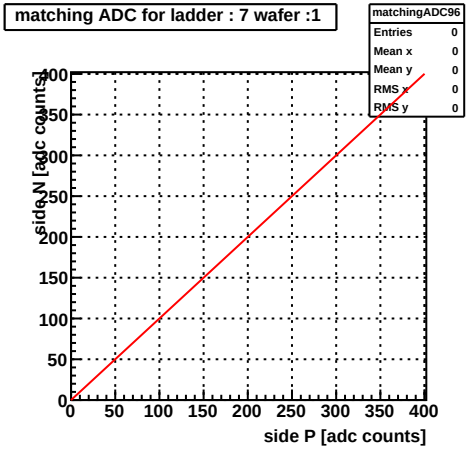

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

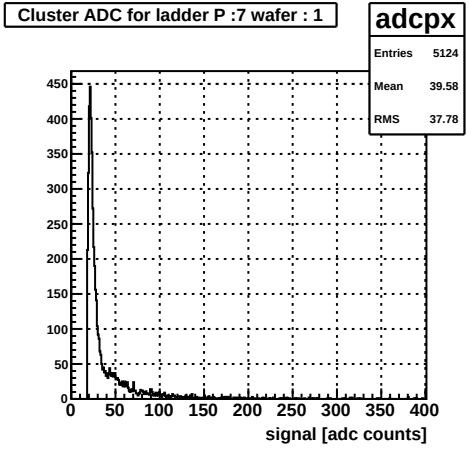

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

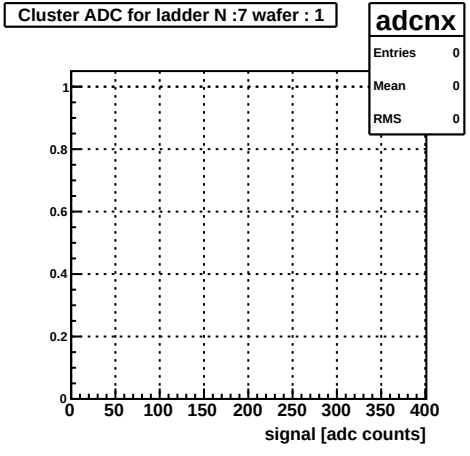

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 704
Mean 28.76
RMS 32.74
signal [adc counts]

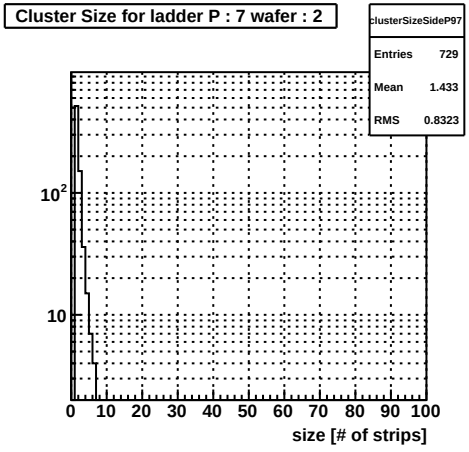

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 5124
Mean 1.284
RMS 0.6172
size [# of strips]

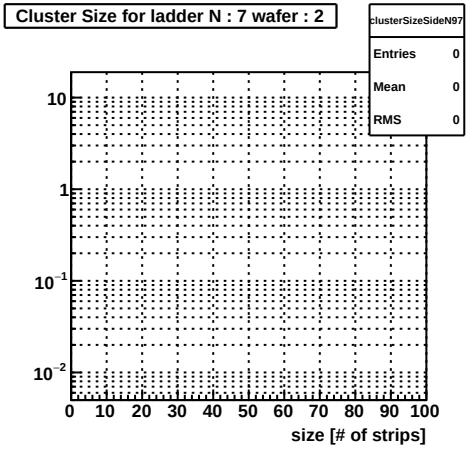

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

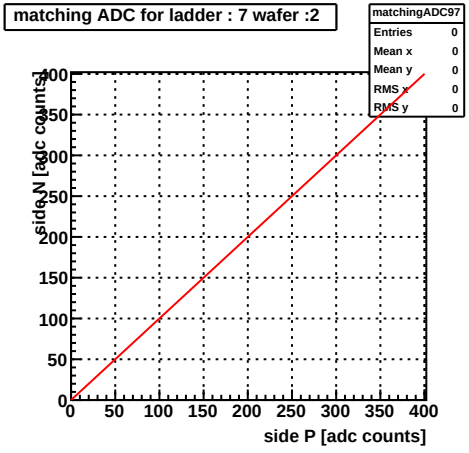

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

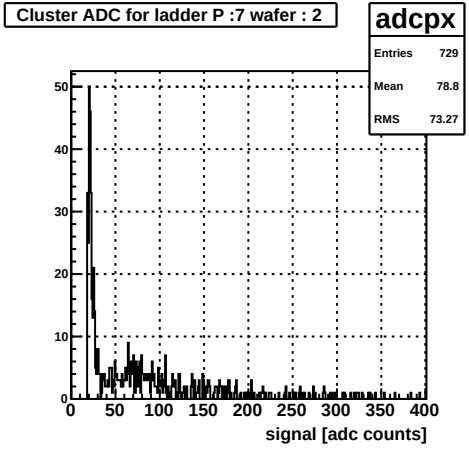

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 5124
Mean 39.58
RMS 37.78
signal [adc counts]

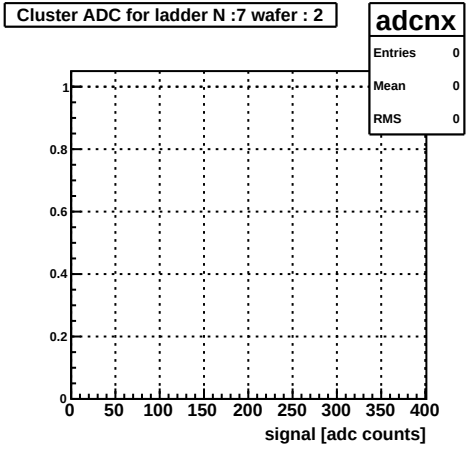

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

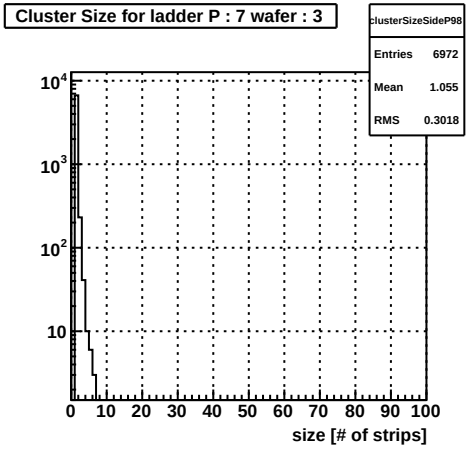

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 729
Mean 1.433
RMS 0.8323
size [# of strips]

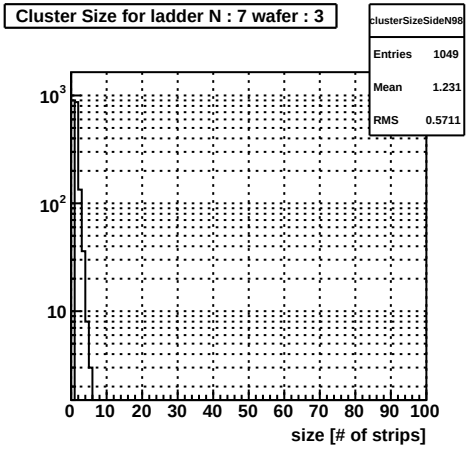

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

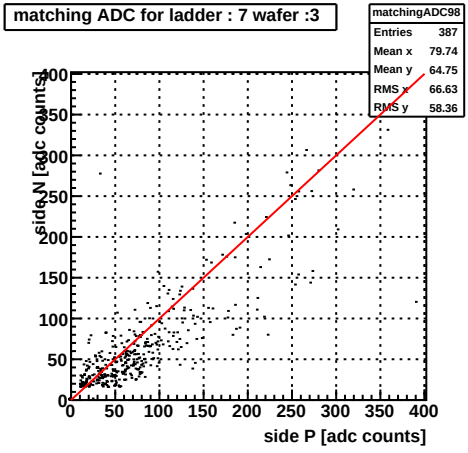

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

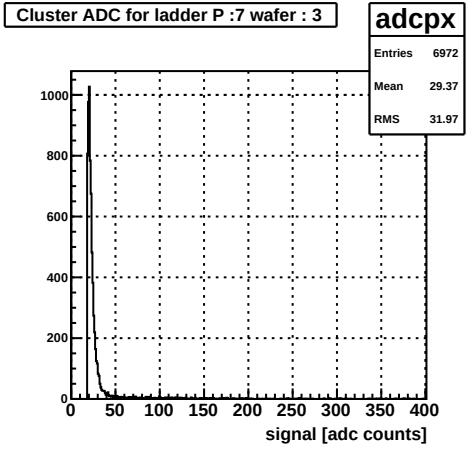

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 729
Mean 78.8
RMS 73.27
signal [adc counts]

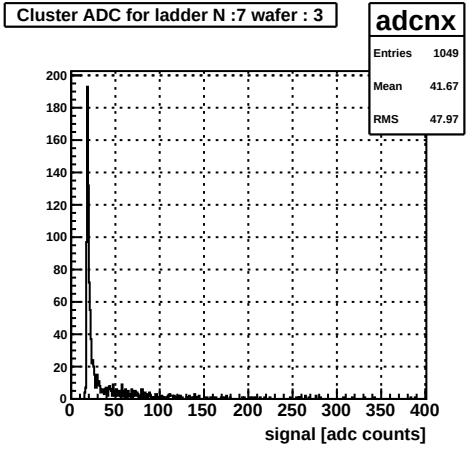

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

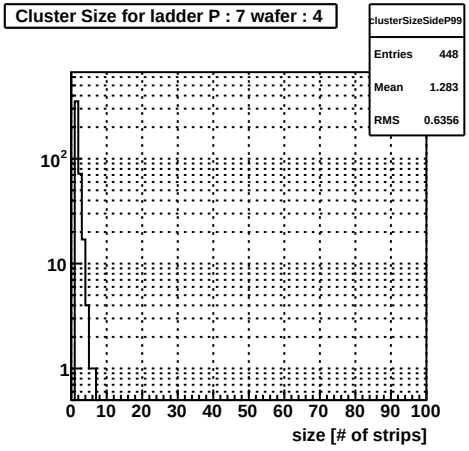

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 6972
Mean 1.055
RMS 0.3018
size [# of strips]

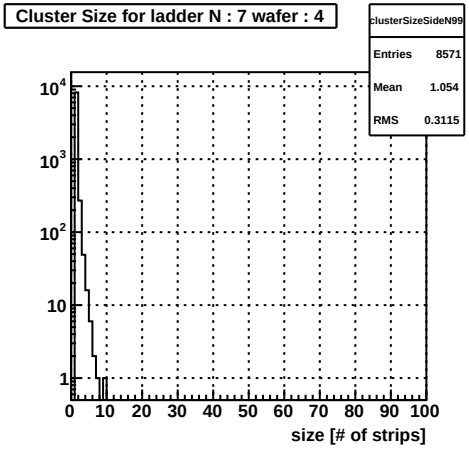

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 1049
Mean 1.231
RMS 0.5711
size [# of strips]

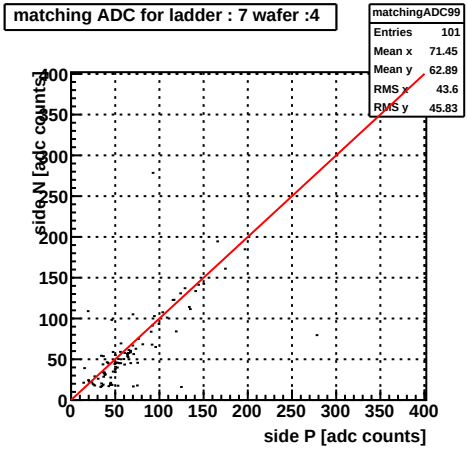

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 387
Mean x 79.74
Mean y 64.75
RMS x 66.63
RMS y 58.36
side N [adc counts]
side P [adc counts]

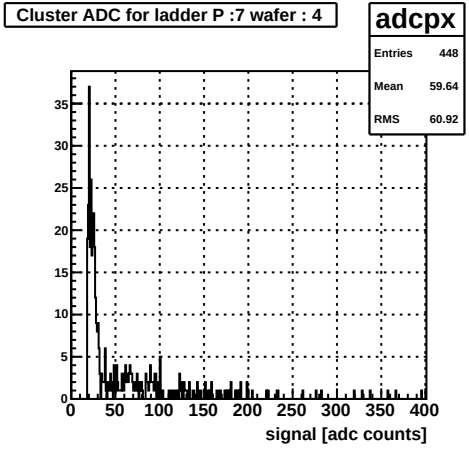

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 6972
Mean 29.37
RMS 31.97
signal [adc counts]

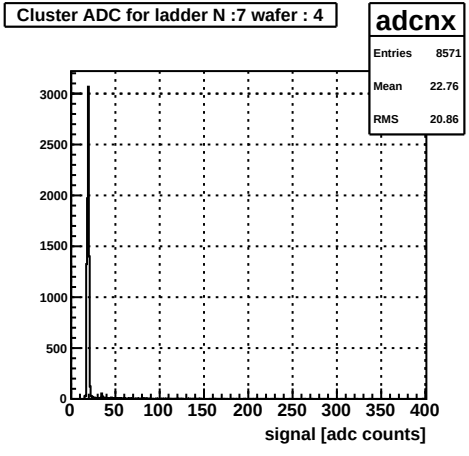

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 1049
Mean 41.67
RMS 47.97
signal [adc counts]

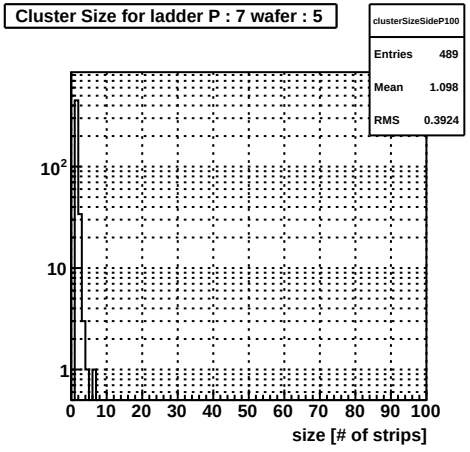

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 448
Mean 1.283
RMS 0.6356
size [# of strips]

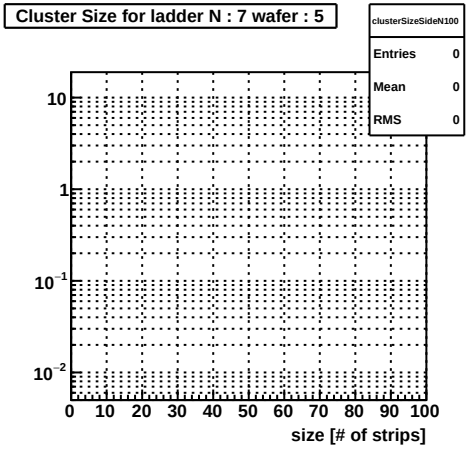

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 8571
Mean 1.054
RMS 0.3115
size [# of strips]

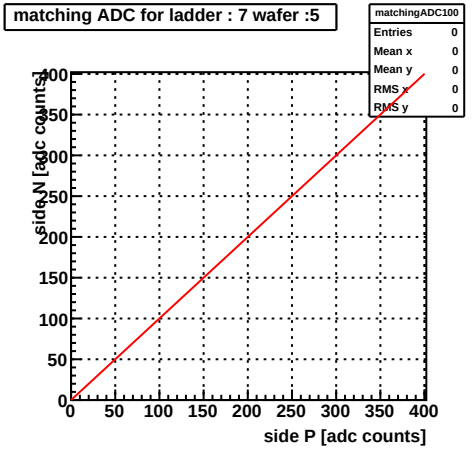

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 101
Mean x 71.45
Mean y 62.89
RMS x 43.6
RMS y 45.83
side N [adc counts]
side P [adc counts]

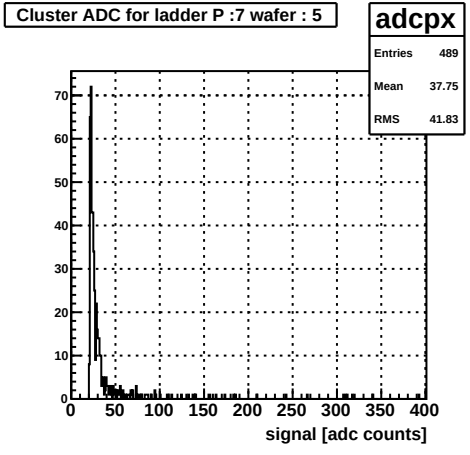

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 448
Mean 59.64
RMS 60.92
signal [adc counts]

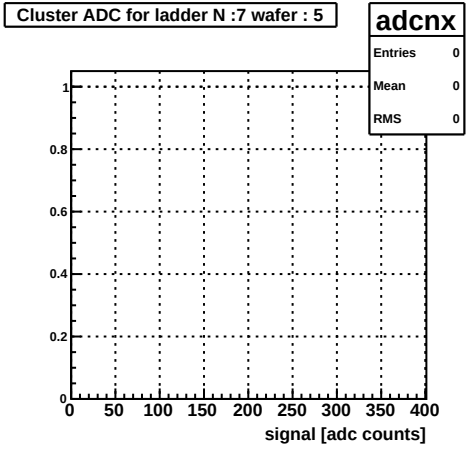

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 8571
Mean 22.76
RMS 20.86
signal [adc counts]

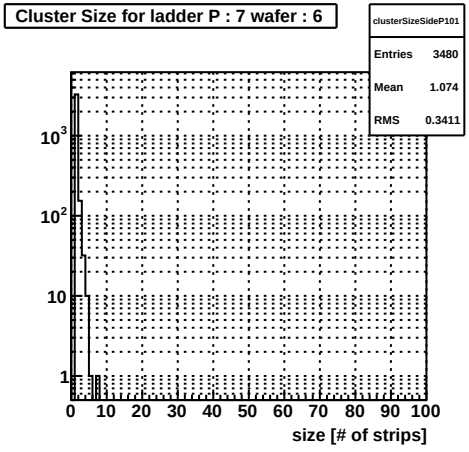

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 489
Mean 1.098
RMS 0.3924
size [# of strips]

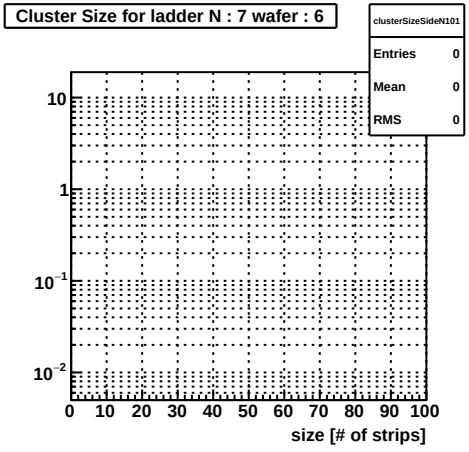

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

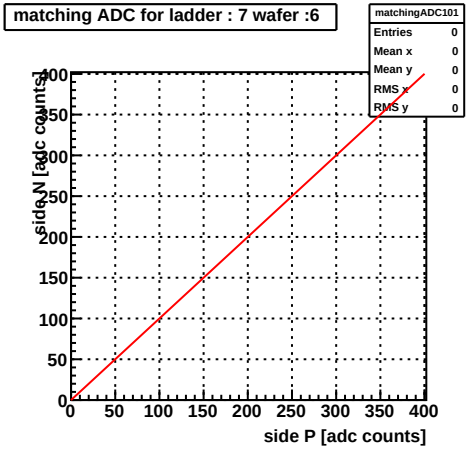

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

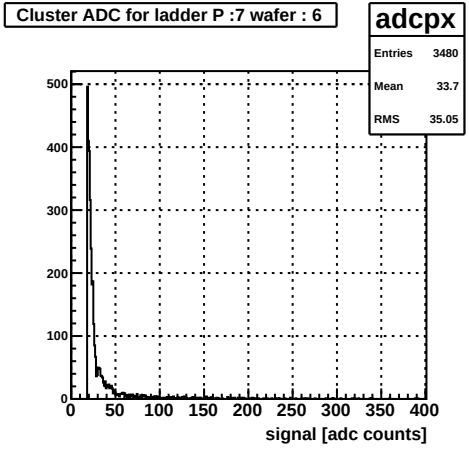

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 489
Mean 37.75
RMS 41.83
signal [adc counts]

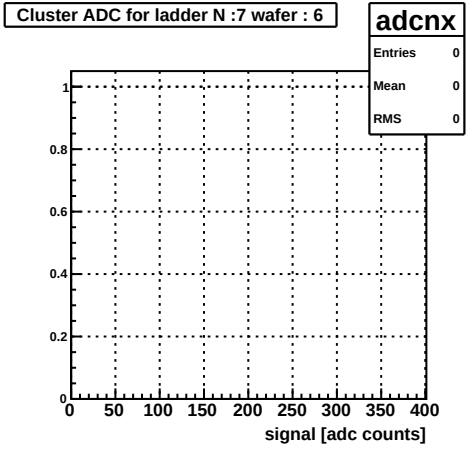

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

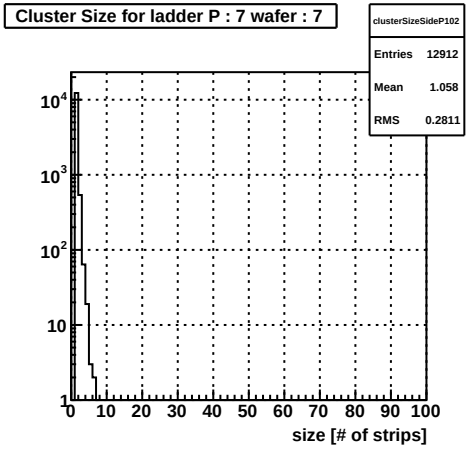

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 3480
Mean 1.074
RMS 0.3411
size [# of strips]

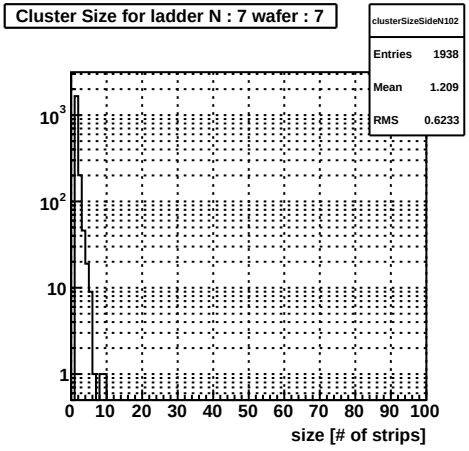

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

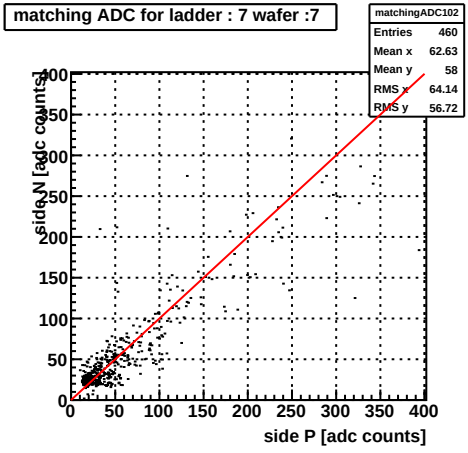

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

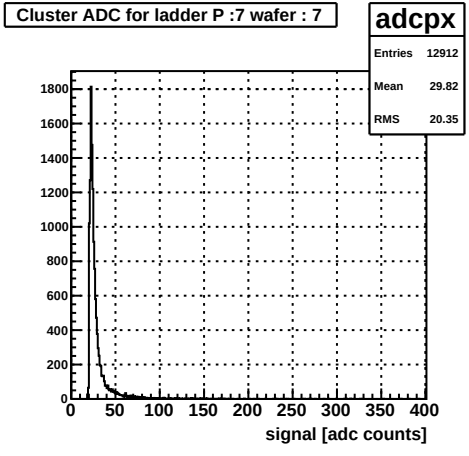

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 3480
Mean 33.7
RMS 35.05
signal [adc counts]

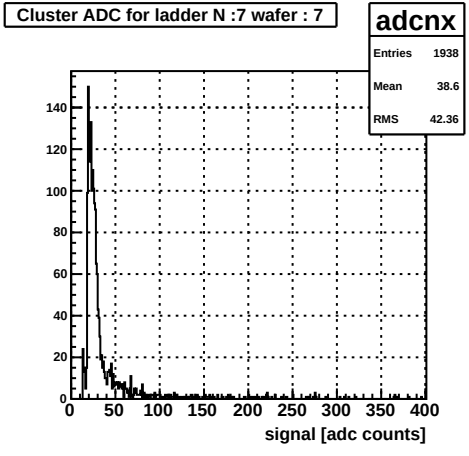

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

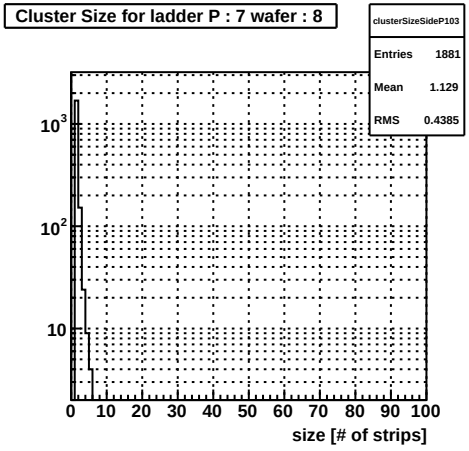

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 12912
Mean 1.058
RMS 0.2811
size [# of strips]

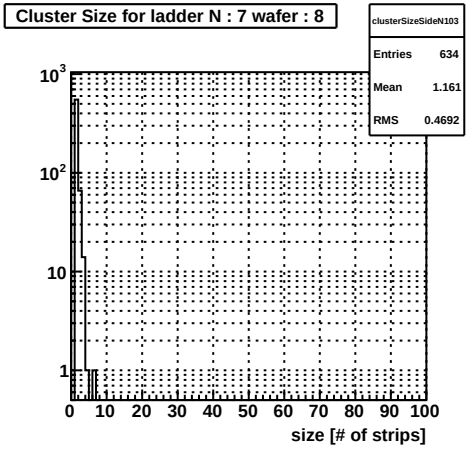

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 1938
Mean 1.209
RMS 0.6233
size [# of strips]

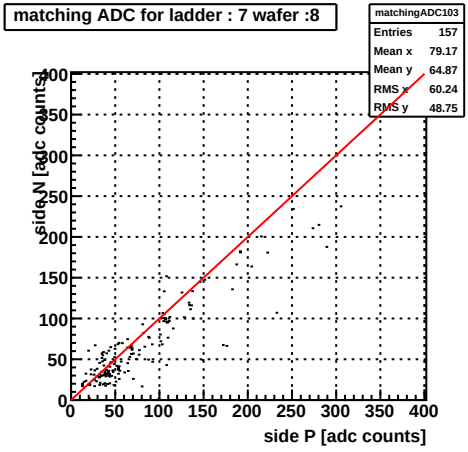

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 460
Mean x 62.63
Mean y 58
RMS x 64.14
RMS y 56.72
side N [adc counts]
side P [adc counts]

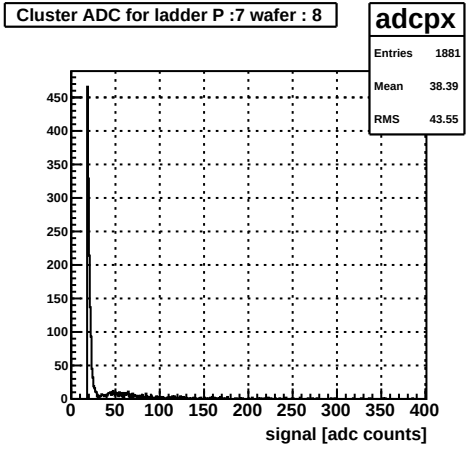

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 12912
Mean 29.82
RMS 20.35
signal [adc counts]

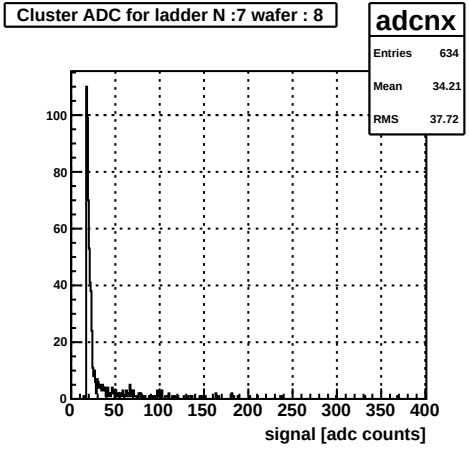

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 1938
Mean 38.6
RMS 42.36
signal [adc counts]

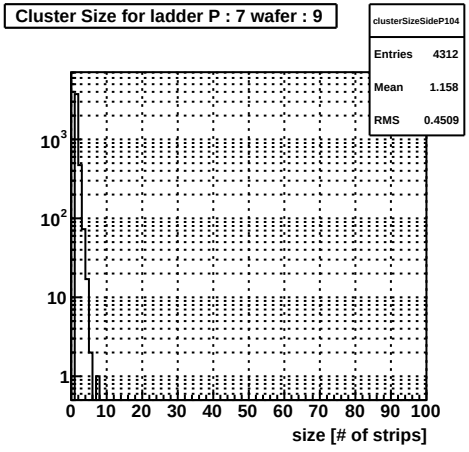

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 1881
Mean 1.129
RMS 0.4385
size [# of strips]

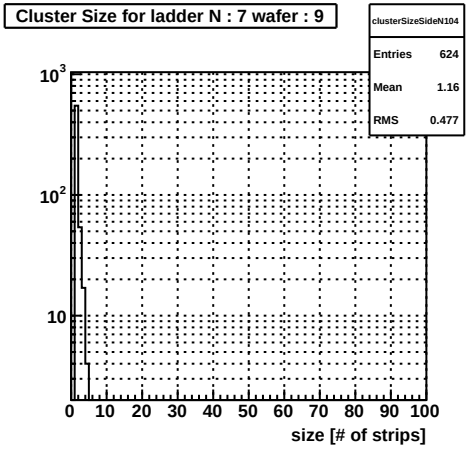

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 634
Mean 1.161
RMS 0.4692
size [# of strips]

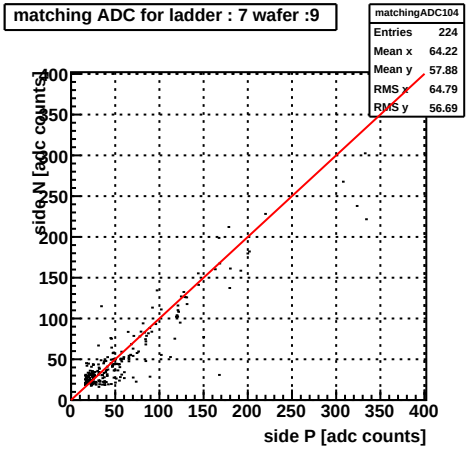

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 157
Mean x 79.17
Mean y 64.87
RMS x 60.24
RMS y 48.75
side N [adc counts]
side P [adc counts]

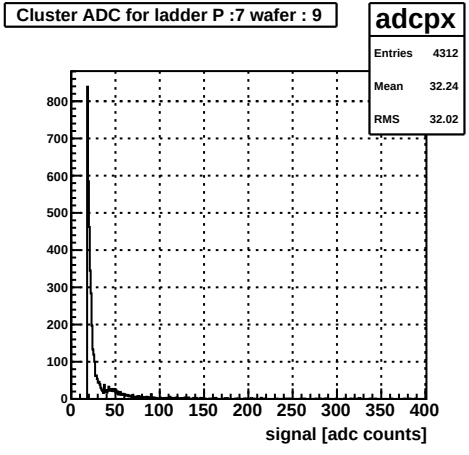

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 1881
Mean 38.39
RMS 43.55
signal [adc counts]

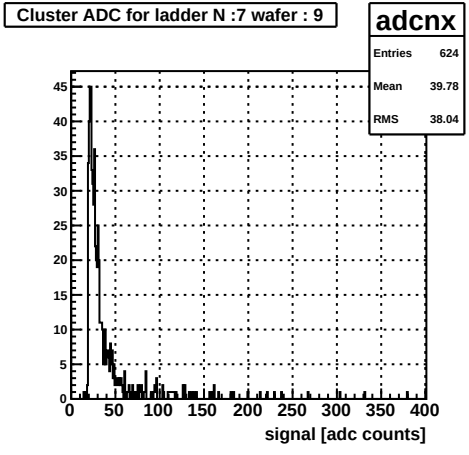

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 634
Mean 34.21
RMS 37.72
signal [adc counts]

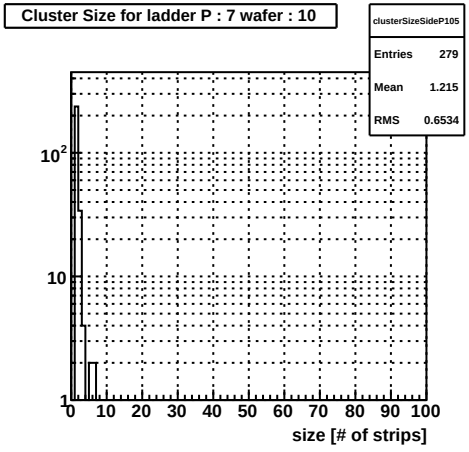

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 4312
Mean 1.158
RMS 0.4509
size [# of strips]

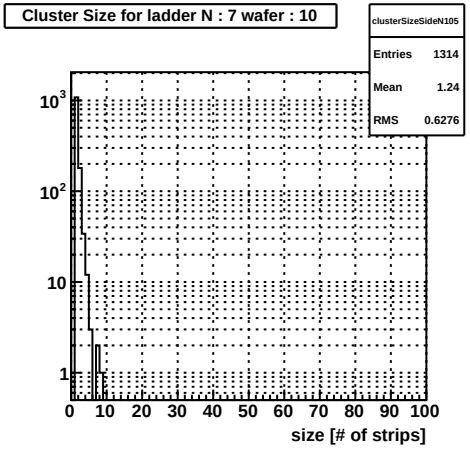

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 624
Mean 1.16
RMS 0.477
size [# of strips]

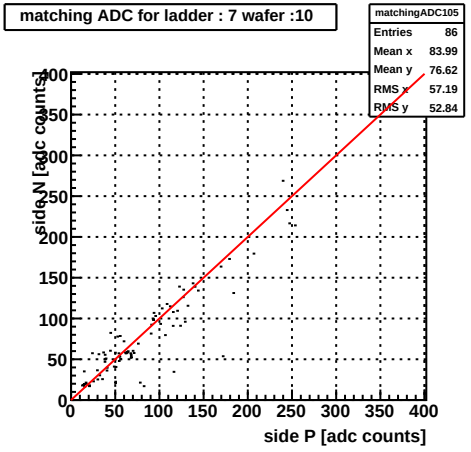

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 224
Mean x 64.22
Mean y 57.88
RMS x 64.79
RMS y 56.69
side N [adc counts]
side P [adc counts]

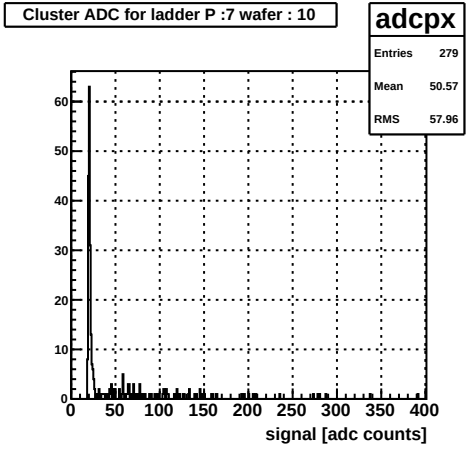

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 4312
Mean 32.24
RMS 32.02
signal [adc counts]

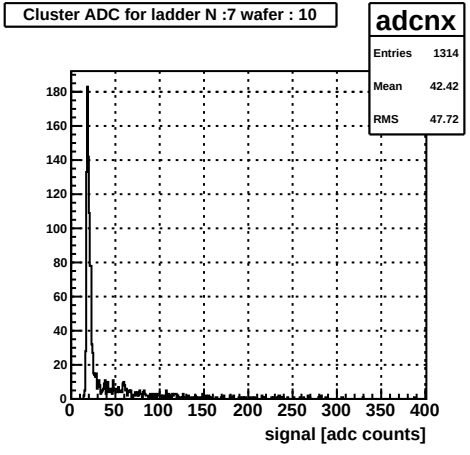

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 624
Mean 39.78
RMS 38.04
signal [adc counts]

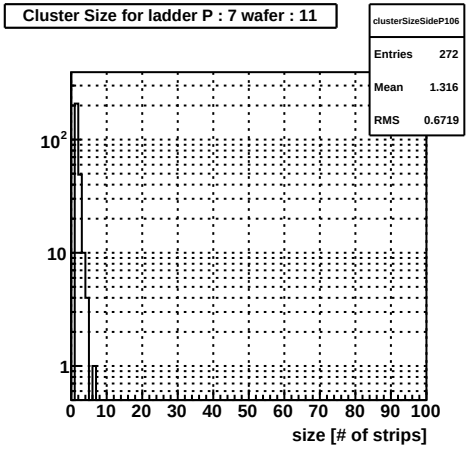

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 279
Mean 1.215
RMS 0.6534
size [# of strips]

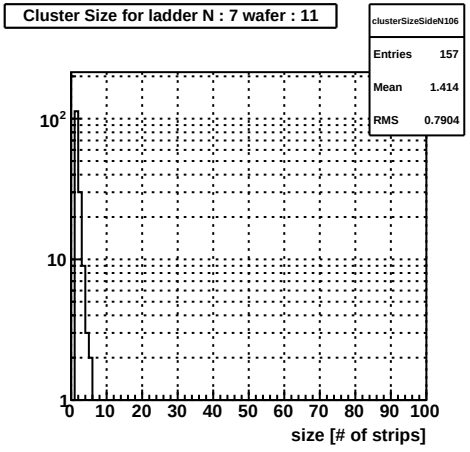

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 1314
Mean 1.24
RMS 0.6276
size [# of strips]

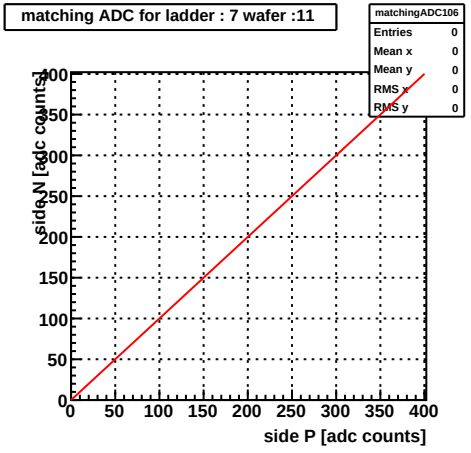

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 86
Mean x 83.99
Mean y 76.62
RMS x 57.19
RMS y 52.84
side N [adc counts]
side P [adc counts]

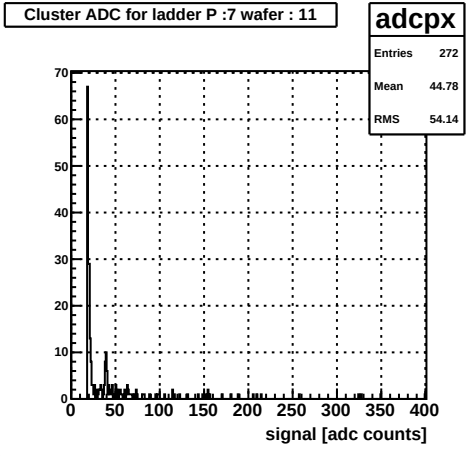

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 279
Mean 50.57
RMS 57.96
signal [adc counts]

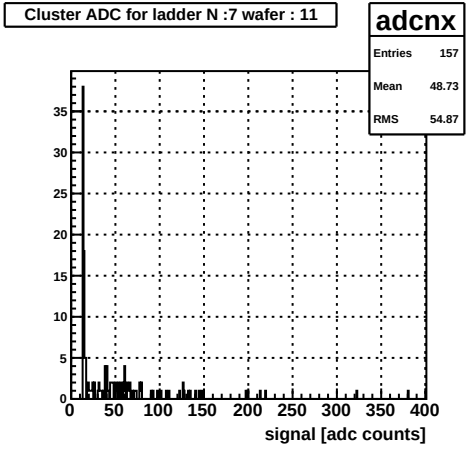

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 1314
Mean 42.42
RMS 47.72
signal [adc counts]

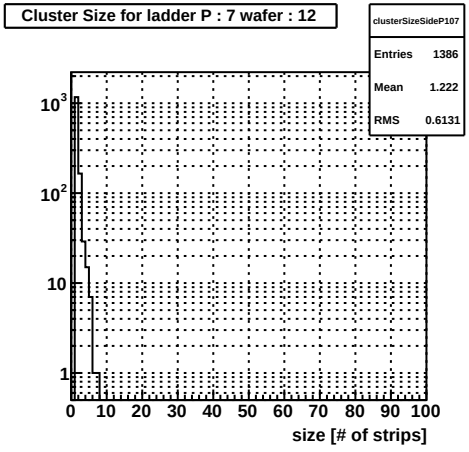

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 272
Mean 1.316
RMS 0.6719
size [# of strips]

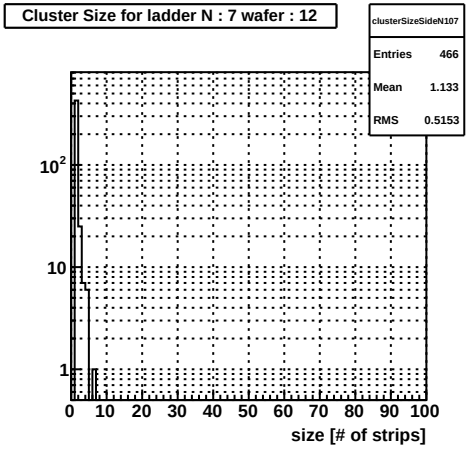

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 157
Mean 1.414
RMS 0.7904
size [# of strips]

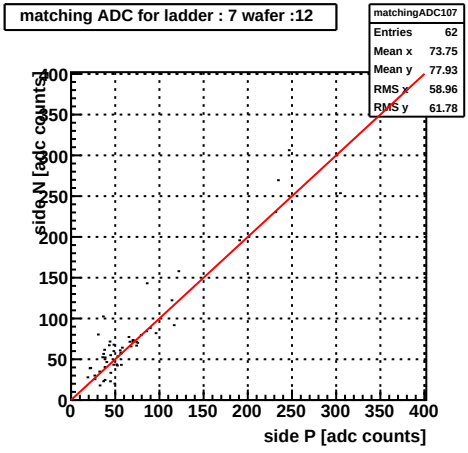

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

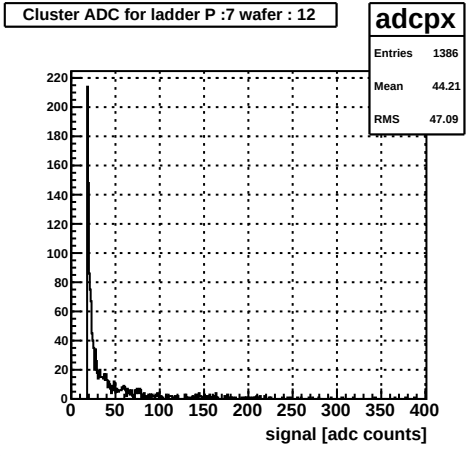

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 272
Mean 44.78
RMS 54.14
signal [adc counts]

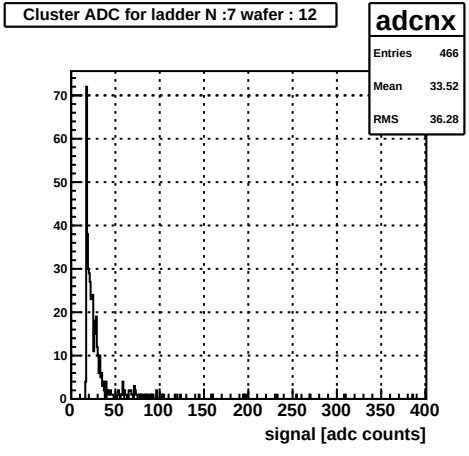

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 157
Mean 48.73
RMS 54.87
signal [adc counts]

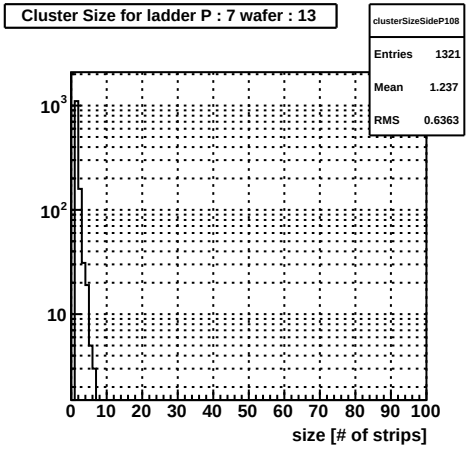

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 1386
Mean 1.222
RMS 0.6131
size [# of strips]

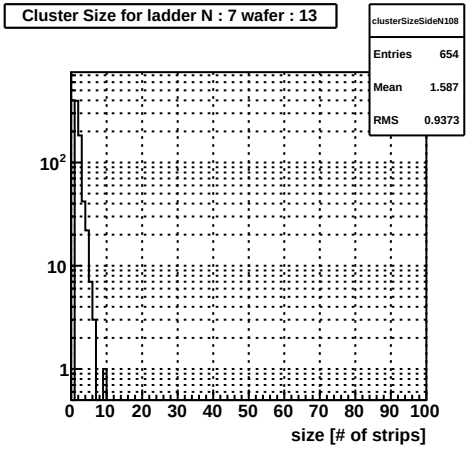

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 466
Mean 1.133
RMS 0.5153
size [# of strips]

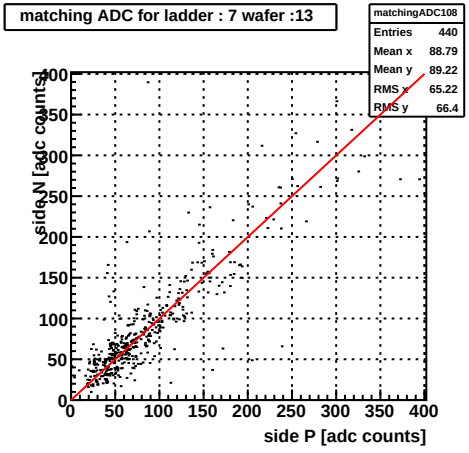

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 62
Mean x 73.75
Mean y 77.93
RMS x 58.96
RMS y 61.78
side N [adc counts]
side P [adc counts]

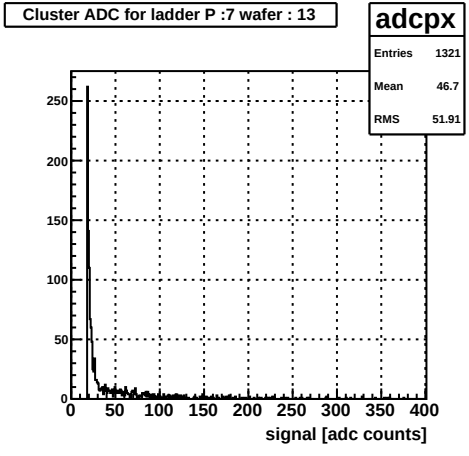

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 1386
Mean 44.21
RMS 47.09
signal [adc counts]

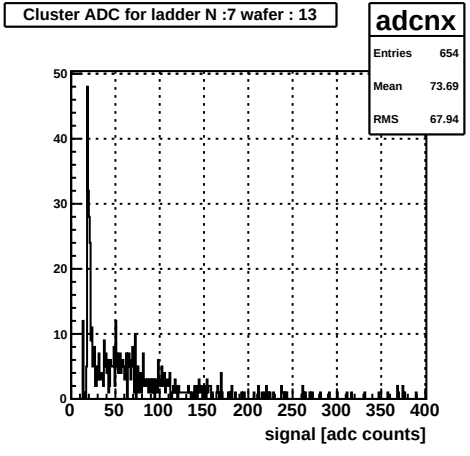

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 466
Mean 33.52
RMS 36.28
signal [adc counts]

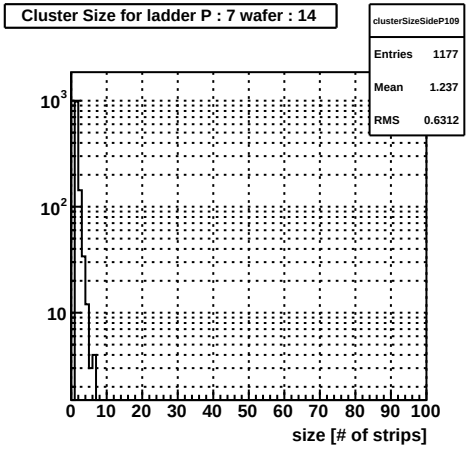

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 1321
Mean 1.237
RMS 0.6363
size [# of strips]

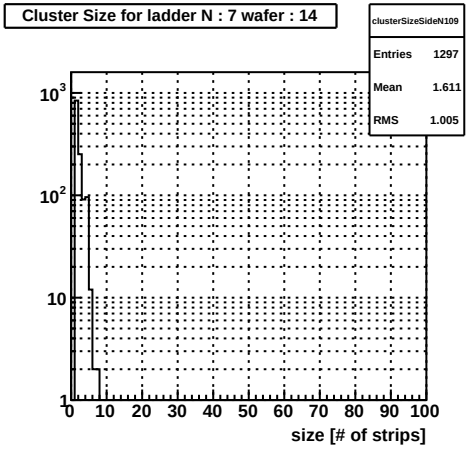

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 654
Mean 1.587
RMS 0.9373
size [# of strips]

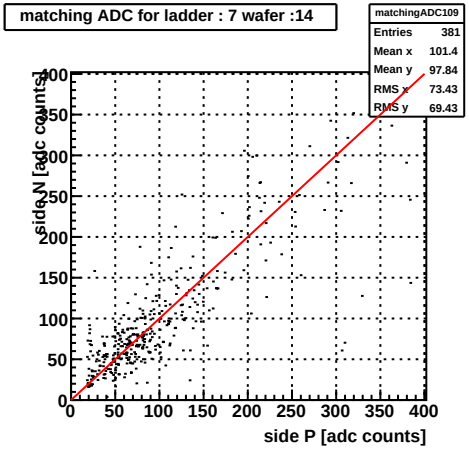

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 440
Mean x 88.79
Mean y 89.22
RMS x 65.22
RMS y 66.4
side N [adc counts]
side P [adc counts]

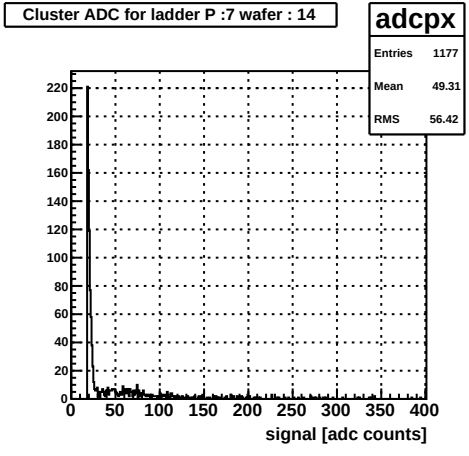

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 1321
Mean 46.7
RMS 51.91
signal [adc counts]

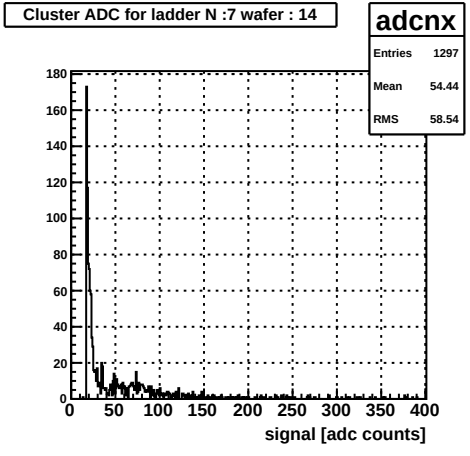

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 654
Mean 73.69
RMS 67.94
signal [adc counts]

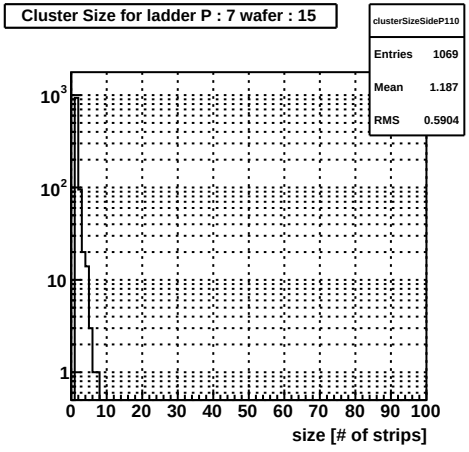

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 1177
Mean 1.237
RMS 0.6312
size [# of strips]

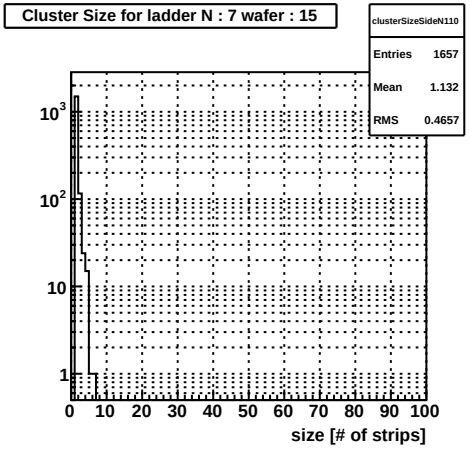

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 1297
Mean 1.611
RMS 1.005
size [# of strips]

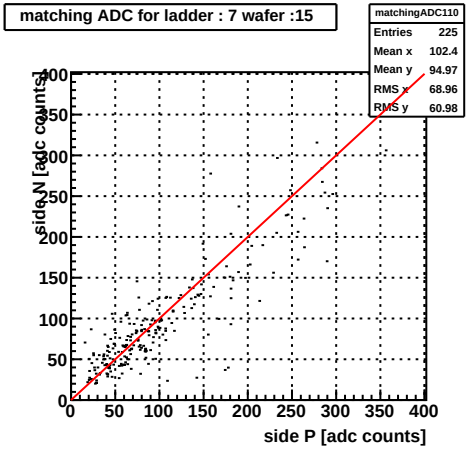

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 381
Mean x 101.4
Mean y 97.84
RMS x 73.43
RMS y 69.43
side N [adc counts]
side P [adc counts]

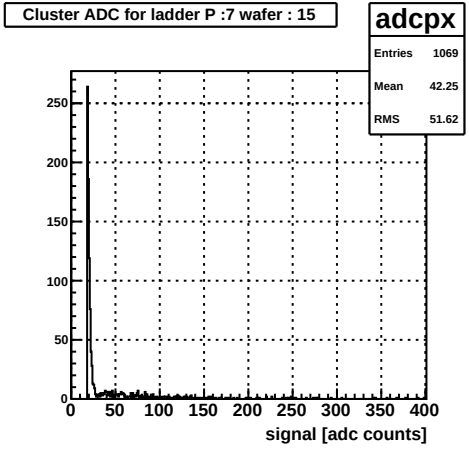

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 1177
Mean 49.31
RMS 56.42
signal [adc counts]

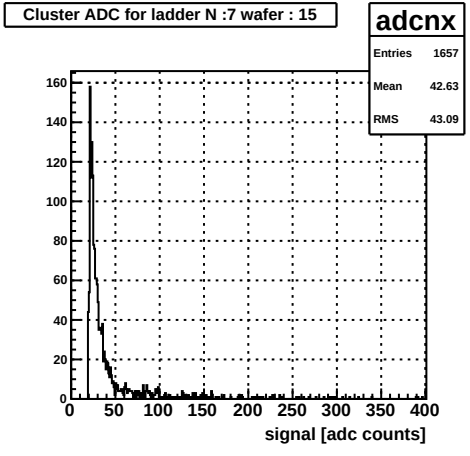

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 1297
Mean 54.44
RMS 58.54
signal [adc counts]

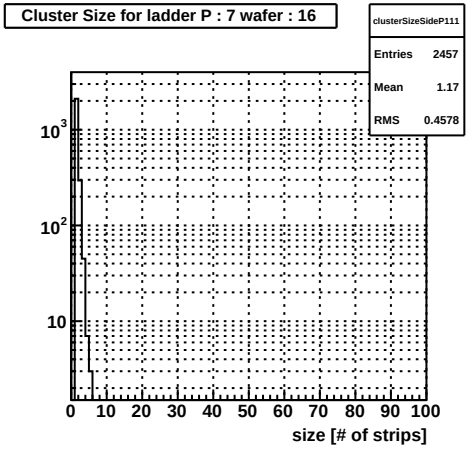

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 1069
Mean 1.187
RMS 0.5904
size [# of strips]

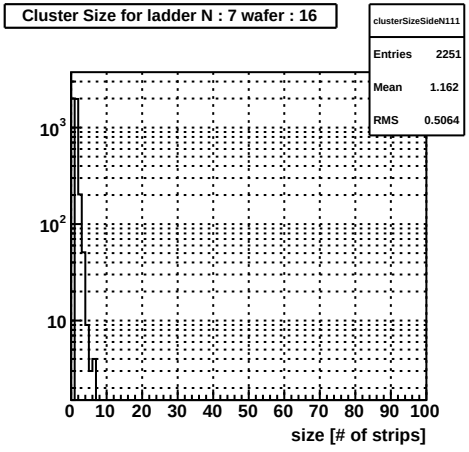

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 1657
Mean 1.132
RMS 0.4657
size [# of strips]

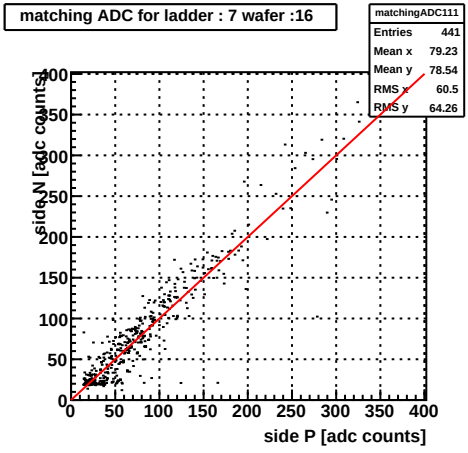

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 225
Mean x 102.4
Mean y 94.97
RMS x 68.96
RMS y 60.98
side N [adc counts]
side P [adc counts]

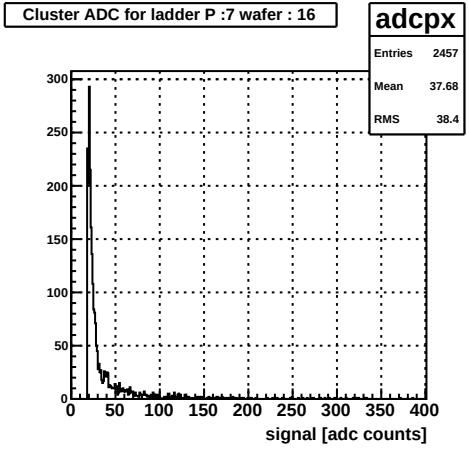

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 1069
Mean 42.25
RMS 51.62
signal [adc counts]

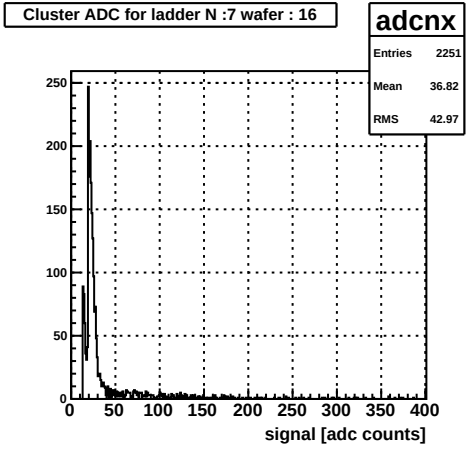

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 1657
Mean 42.63
RMS 43.09
signal [adc counts]

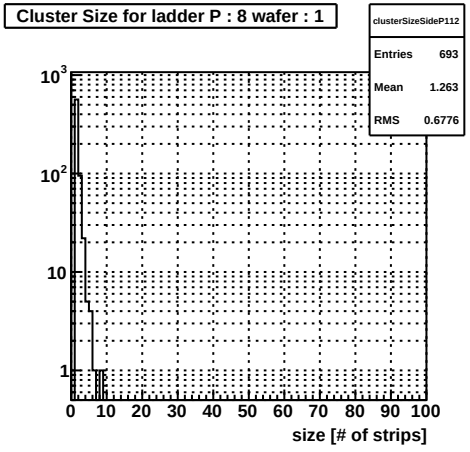

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 2457
Mean 1.17
RMS 0.4578
size [# of strips]

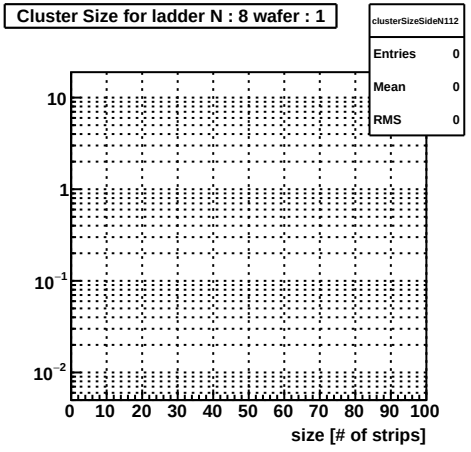

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 2251
Mean 1.162
RMS 0.5064
size [# of strips]

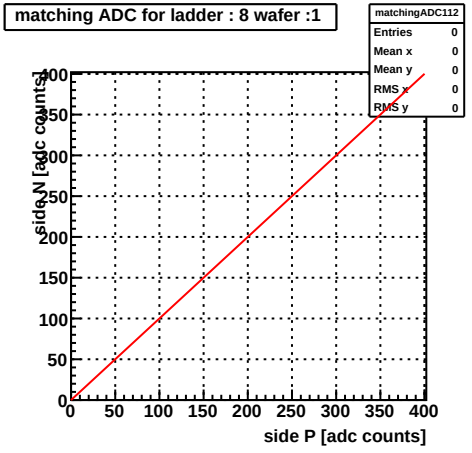

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 441
Mean x 79.23
Mean y 78.54
RMS x 60.5
RMS y 64.26
side N [adc counts]
side P [adc counts]

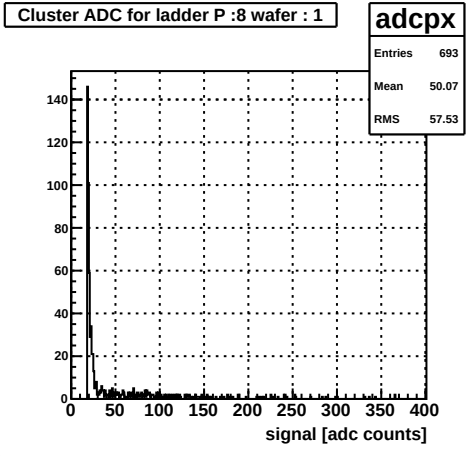

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 2457
Mean 37.68
RMS 38.4
signal [adc counts]

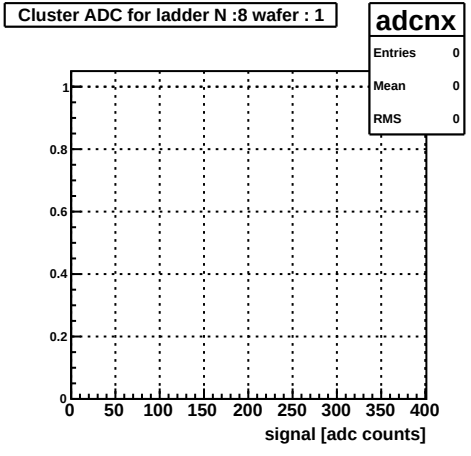

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 2251
Mean 36.82
RMS 42.97
signal [adc counts]

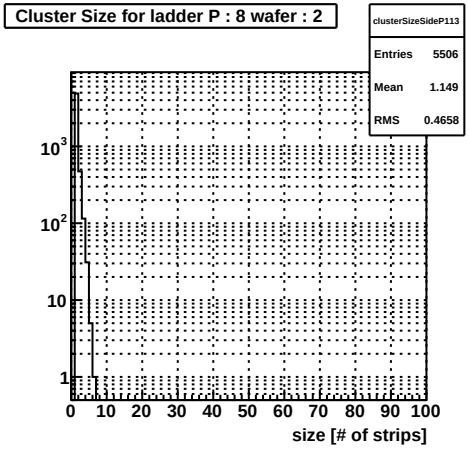

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 693
Mean 1.263
RMS 0.6776
size [# of strips]

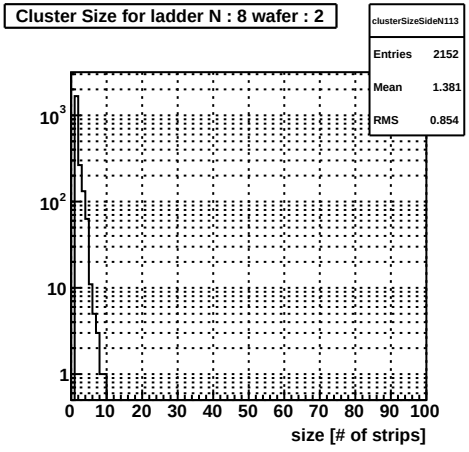

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

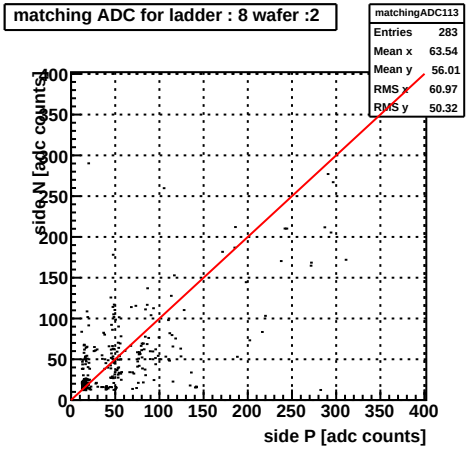

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

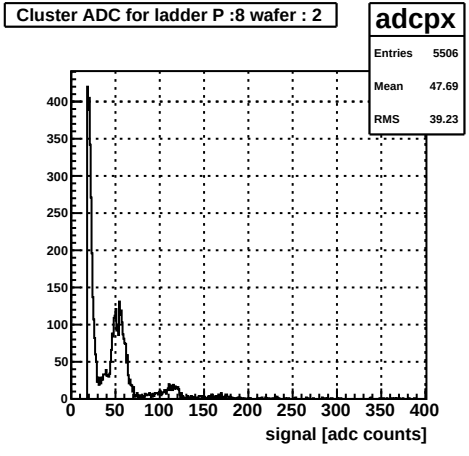

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 693
Mean 50.07
RMS 57.53
signal [adc counts]

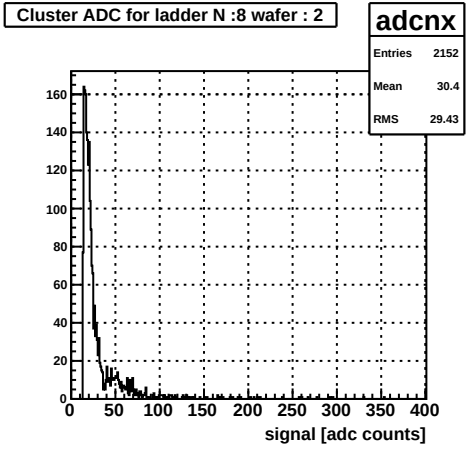

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

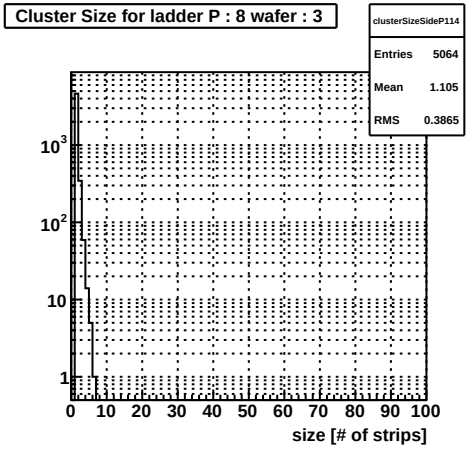

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 5506
Mean 1.149
RMS 0.4658
size [# of strips]

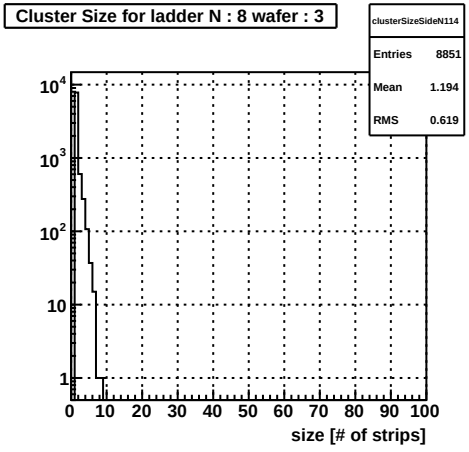

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 2152
Mean 1.381
RMS 0.854
size [# of strips]

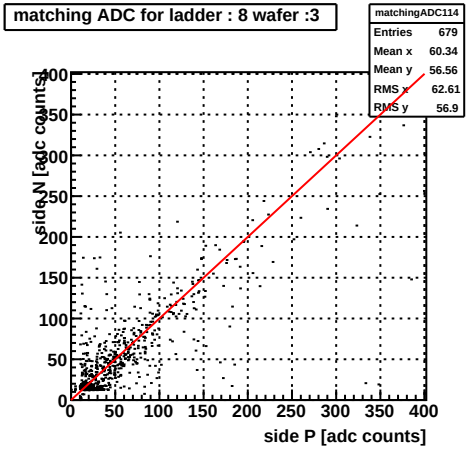

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 283
Mean x 63.54
Mean y 56.01
RMS x 60.97
RMS y 50.32
side N [adc counts]
side P [adc counts]

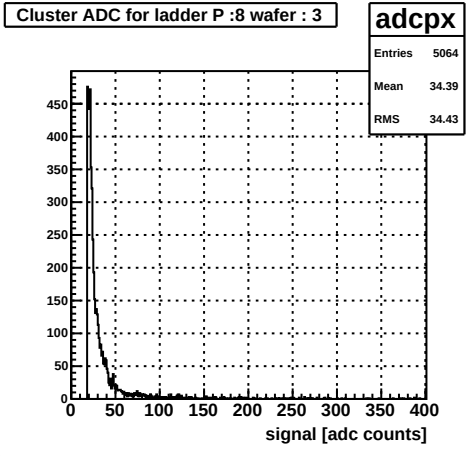

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 5506
Mean 47.69
RMS 39.23
signal [adc counts]

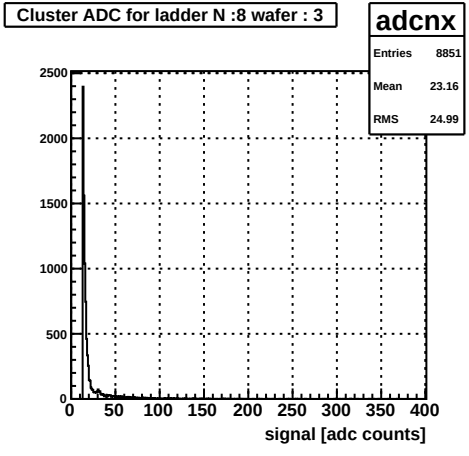

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 2152
Mean 30.4
RMS 29.43
signal [adc counts]

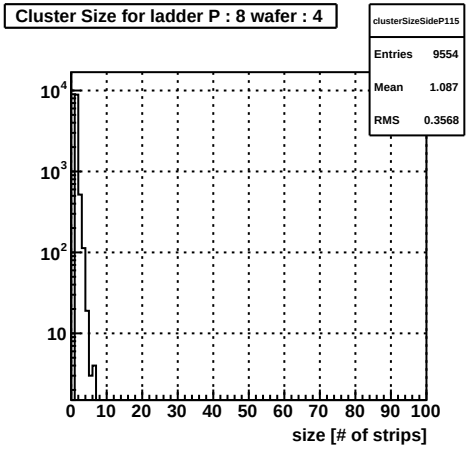

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 5064
Mean 1.105
RMS 0.3865
size [# of strips]

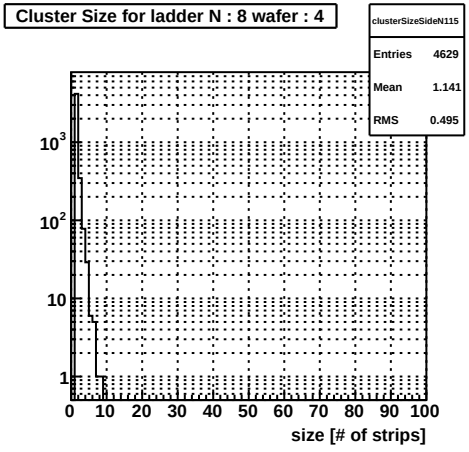

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 8851
Mean 1.194
RMS 0.619
size [# of strips]

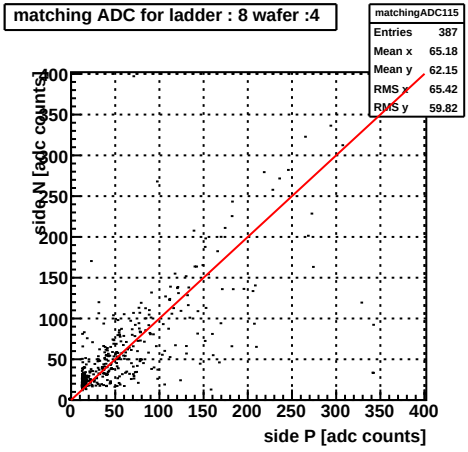

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 679
Mean x 60.34
Mean y 56.56
RMS x 62.61
RMS y 56.9
side N [adc counts]
side P [adc counts]

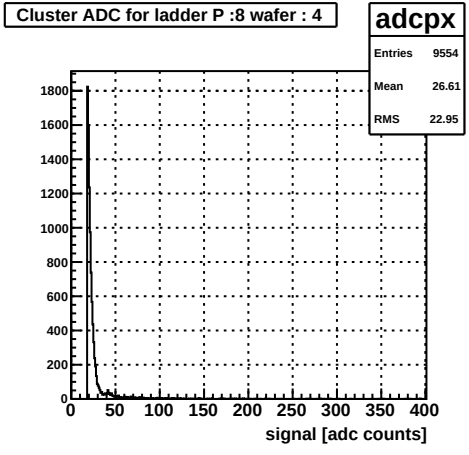

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 5064
Mean 34.39
RMS 34.43
signal [adc counts]

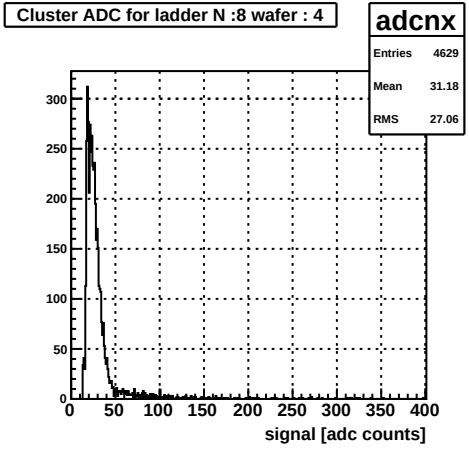

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 8851
Mean 23.16
RMS 24.99
signal [adc counts]

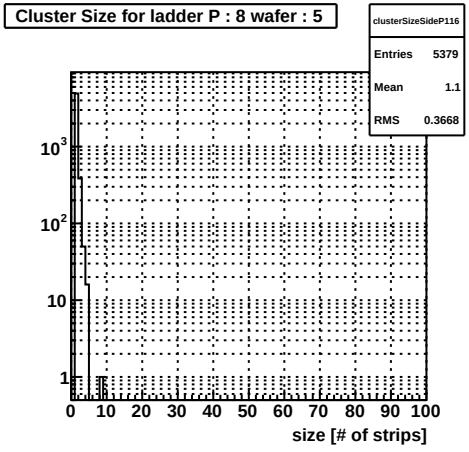

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 9554
Mean 1.087
RMS 0.3568
size [# of strips]

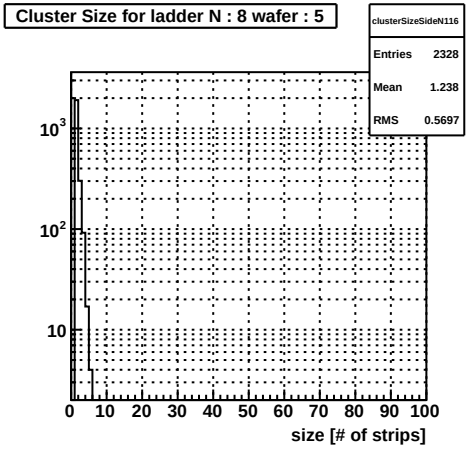

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 4629
Mean 1.141
RMS 0.495
size [# of strips]

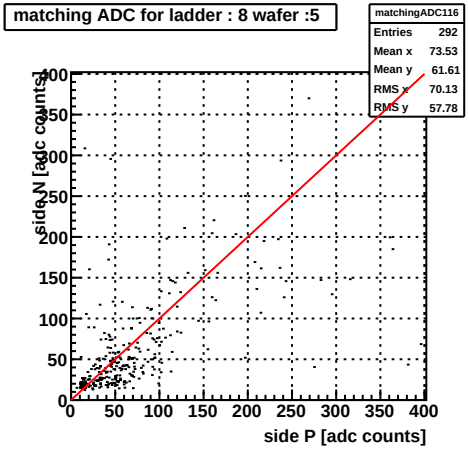

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 387
Mean x 65.18
Mean y 62.15
RMS x 65.42
RMS y 59.82
side N [adc counts]
side P [adc counts]

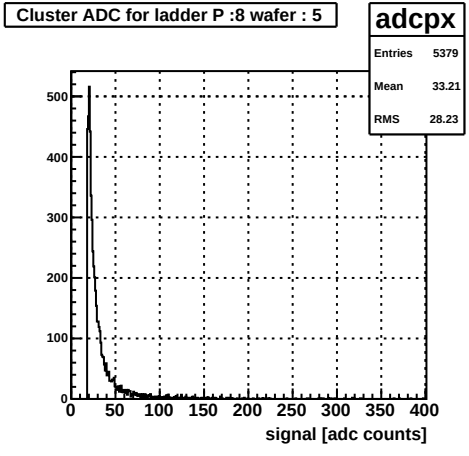

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 9554
Mean 26.61
RMS 22.95
signal [adc counts]

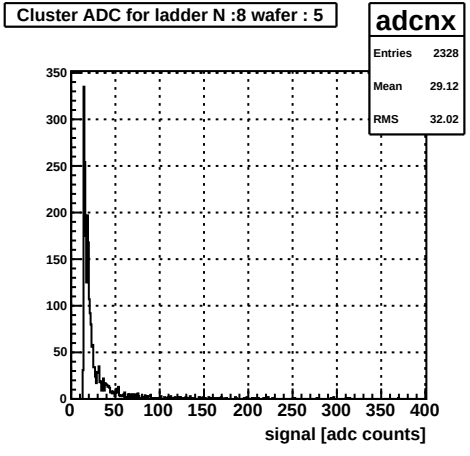

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 4629
Mean 31.18
RMS 27.06
signal [adc counts]

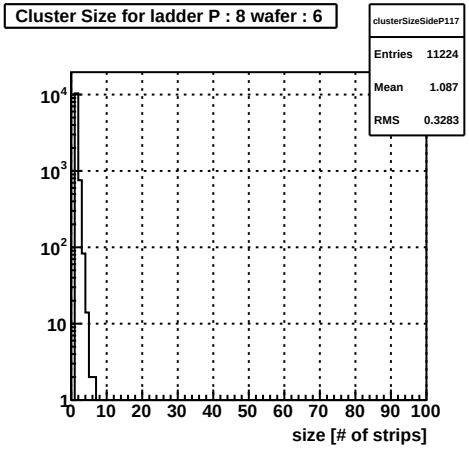

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 5379
Mean 1.1
RMS 0.3668
size [# of strips]

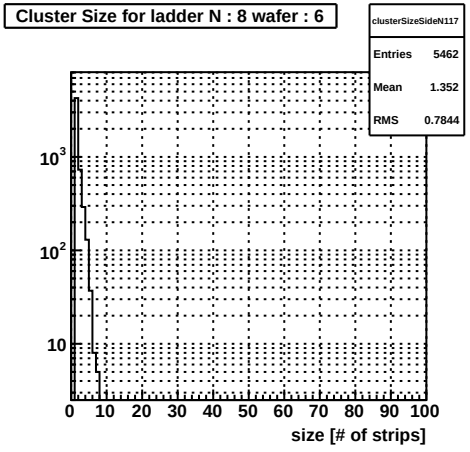

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 2328
Mean 1.238
RMS 0.5697
size [# of strips]

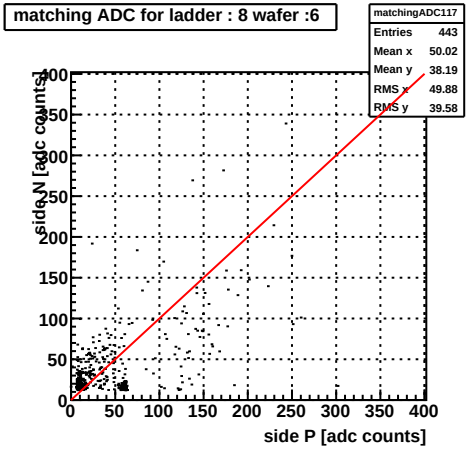

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 292
Mean x 73.53
Mean y 61.61
RMS x 70.13
RMS y 57.78
side N [adc counts]
side P [adc counts]

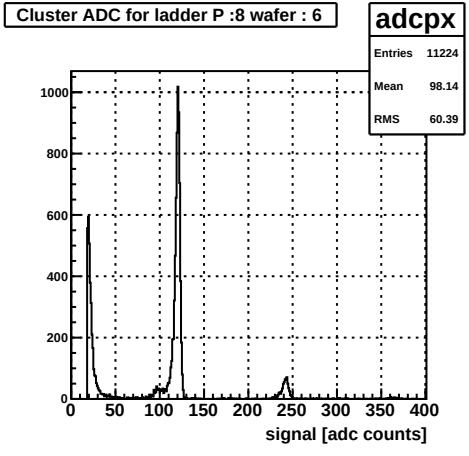

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 5379
Mean 33.21
RMS 28.23
signal [adc counts]

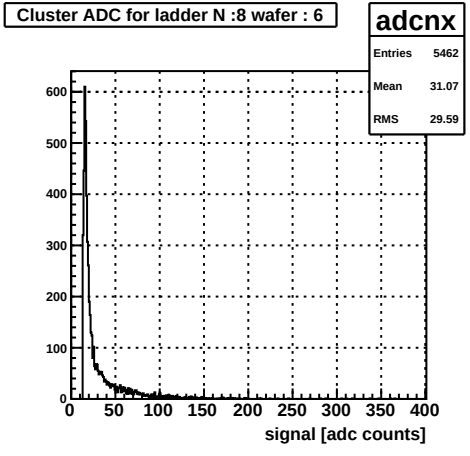

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 2328
Mean 29.12
RMS 32.02
signal [adc counts]

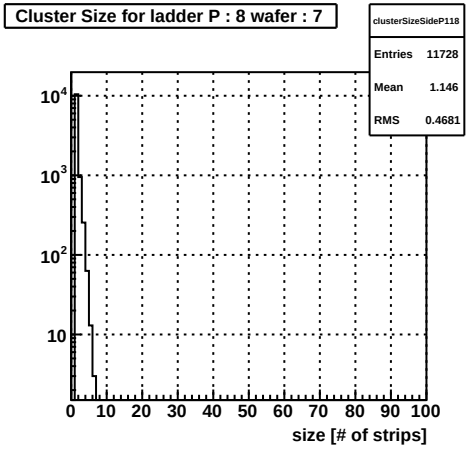

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 11224
Mean 1.087
RMS 0.3283
size [# of strips]

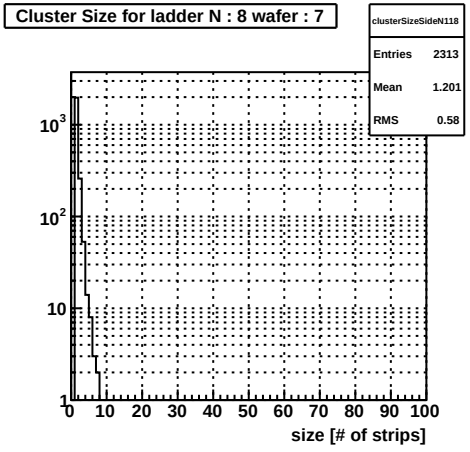

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 5462
Mean 1.352
RMS 0.7844
size [# of strips]

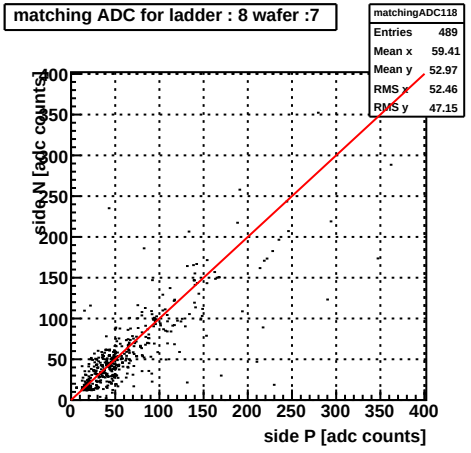

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 443
Mean x 50.02
Mean y 38.19
RMS x 49.88
RMS y 39.58
side N [adc counts]
side P [adc counts]

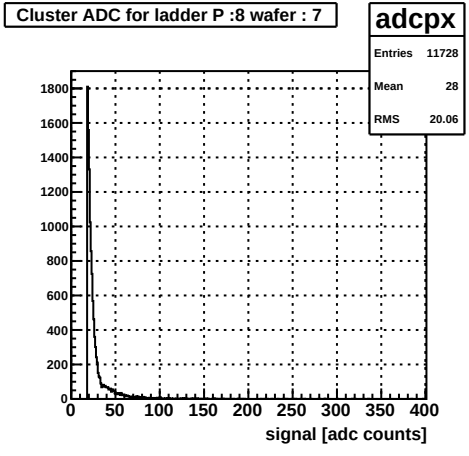

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 11224
Mean 98.14
RMS 60.39
signal [adc counts]

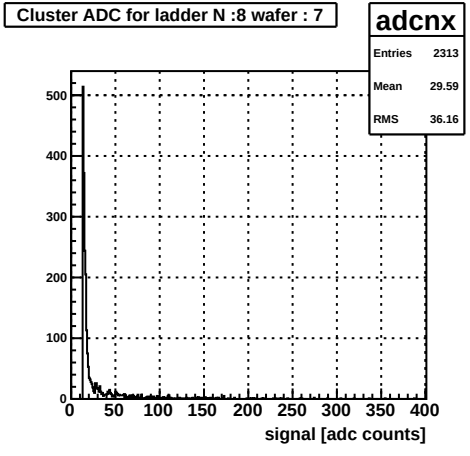

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 5462
Mean 31.07
RMS 29.59
signal [adc counts]

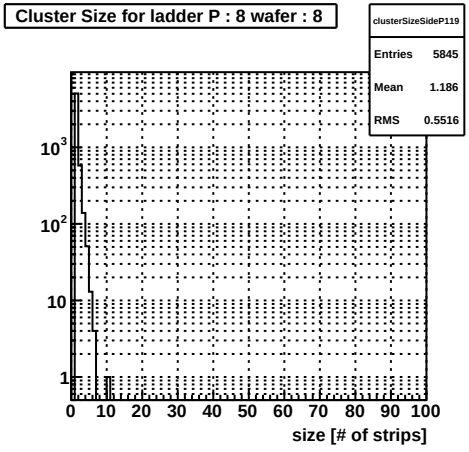

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 11728
Mean 1.146
RMS 0.4681
size [# of strips]

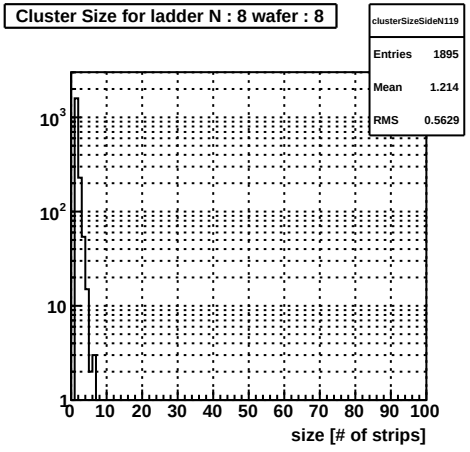

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 2313
Mean 1.201
RMS 0.58
size [# of strips]

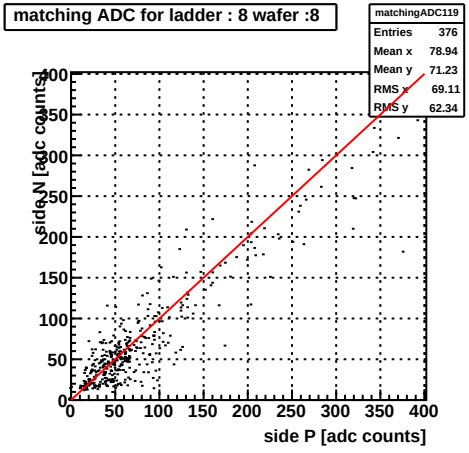

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 489
Mean x 59.41
Mean y 52.97
RMS x 52.46
RMS y 47.15
side N [adc counts]
side P [adc counts]

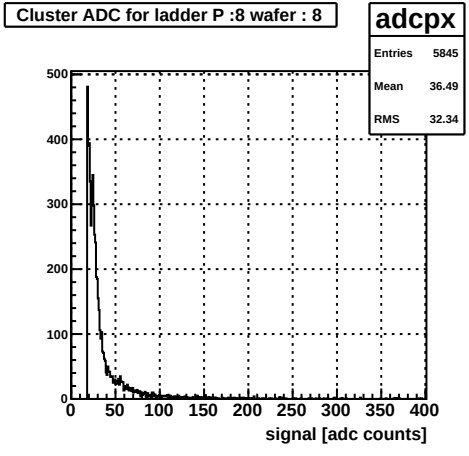

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 11728
Mean 28
RMS 20.06
signal [adc counts]

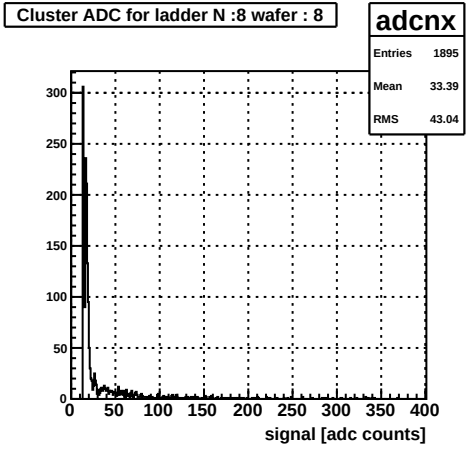

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 2313
Mean 29.59
RMS 36.16
signal [adc counts]

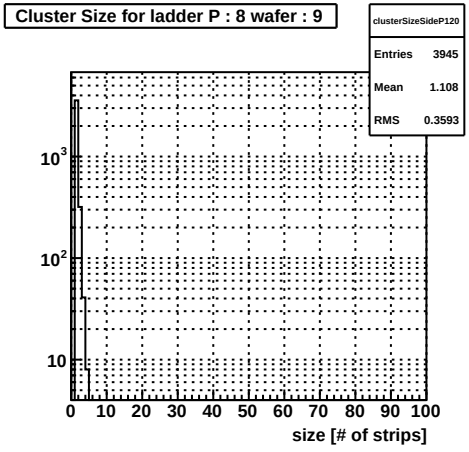

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 5845
Mean 1.186
RMS 0.5516
size [# of strips]

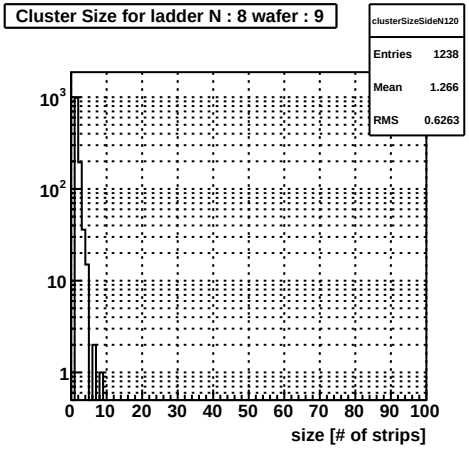

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 1895
Mean 1.214
RMS 0.5629
size [# of strips]

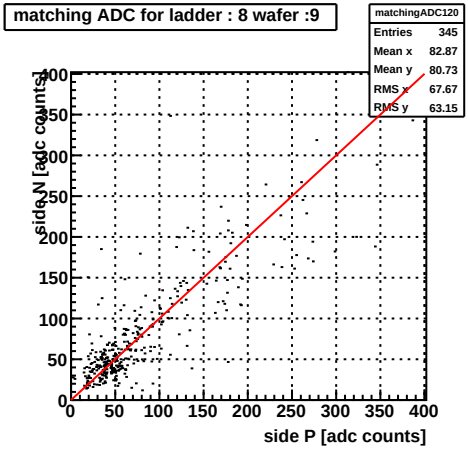

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 376
Mean x 78.94
Mean y 71.23
RMS x 69.11
RMS y 62.34
side N [adc counts]
side P [adc counts]

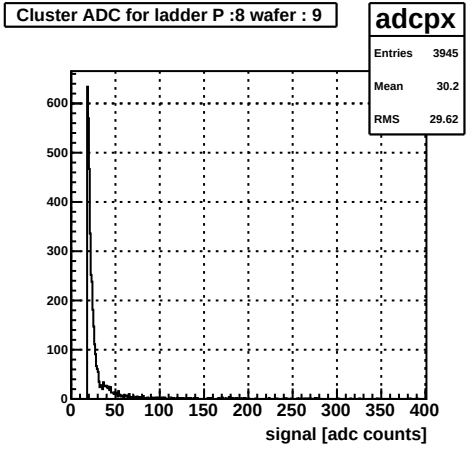

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 5845
Mean 36.49
RMS 32.34
signal [adc counts]

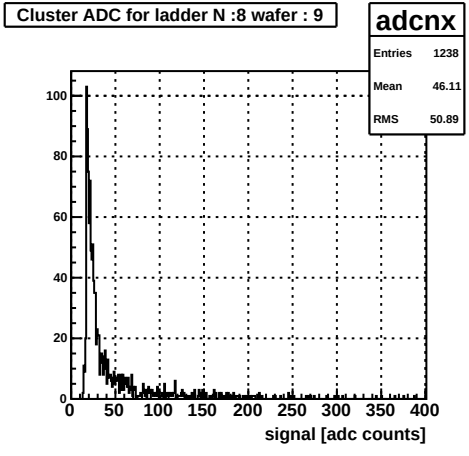

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 1895
Mean 33.39
RMS 43.04
signal [adc counts]

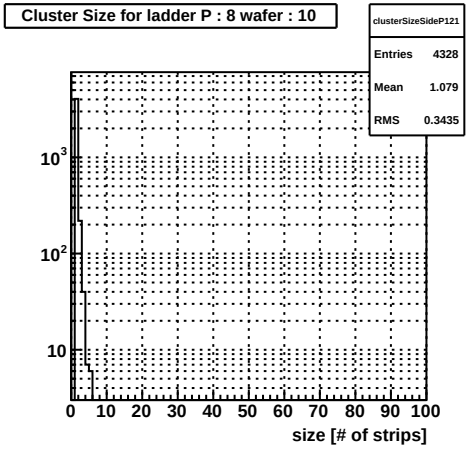

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 3945
Mean 1.108
RMS 0.3593
size [# of strips]

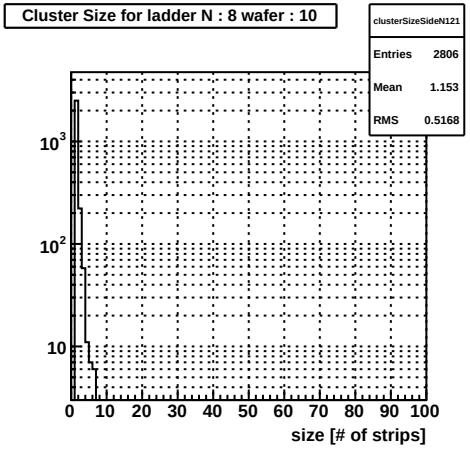

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 1238
Mean 1.266
RMS 0.6263
size [# of strips]

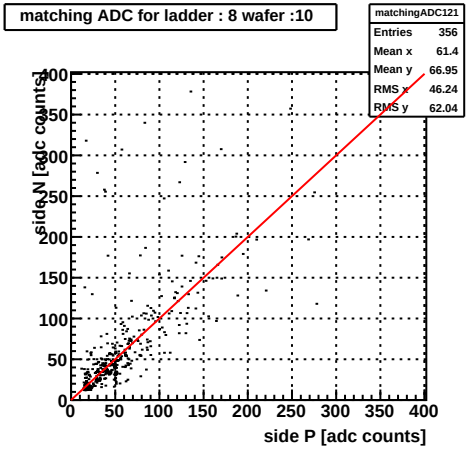

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 345
Mean x 82.87
Mean y 80.73
RMS x 67.67
RMS y 63.15
side N [adc counts]
side P [adc counts]

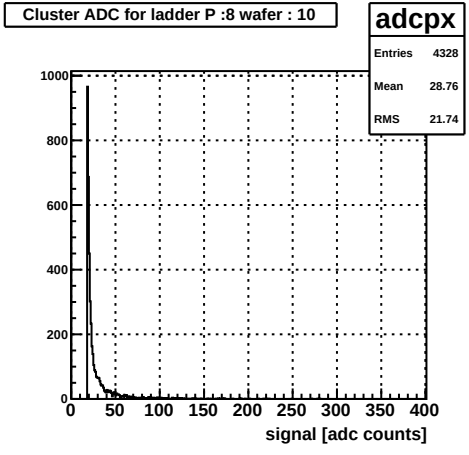

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 3945
Mean 30.2
RMS 29.62
signal [adc counts]

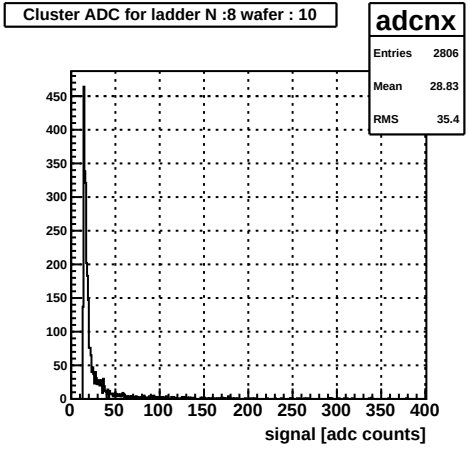

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 1238
Mean 46.11
RMS 50.89
signal [adc counts]

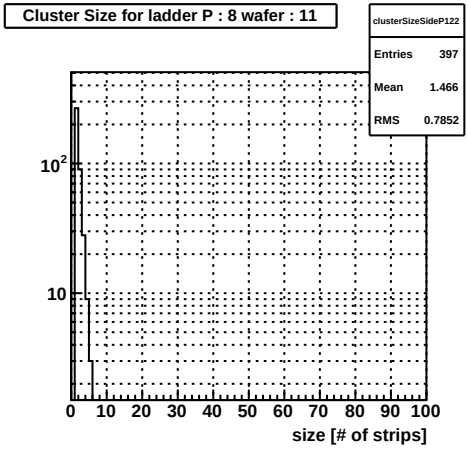

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 4328
Mean 1.079
RMS 0.3435
size [# of strips]

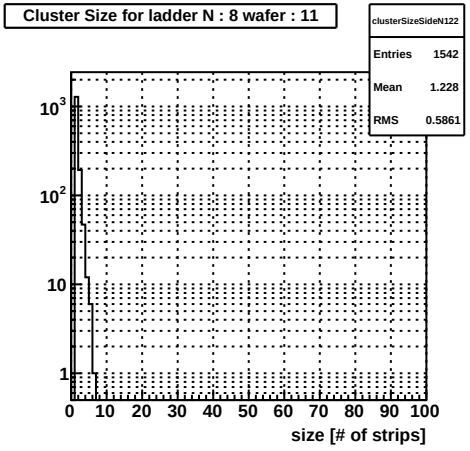

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 2806
Mean 1.153
RMS 0.5168
size [# of strips]

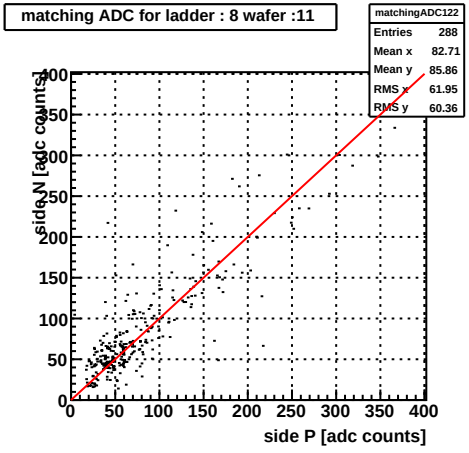

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 356
Mean x 61.4
Mean y 66.95
RMS x 46.24
RMS y 62.04
side N [adc counts]
side P [adc counts]

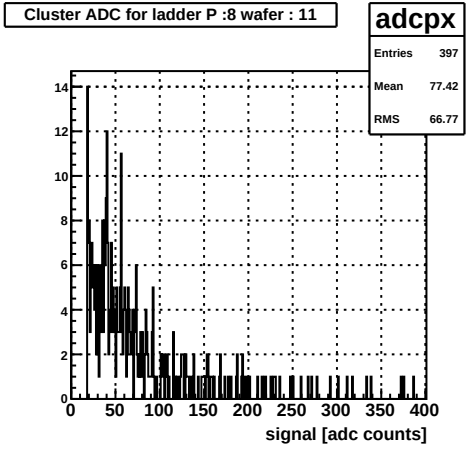

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 4328
Mean 28.76
RMS 21.74
signal [adc counts]

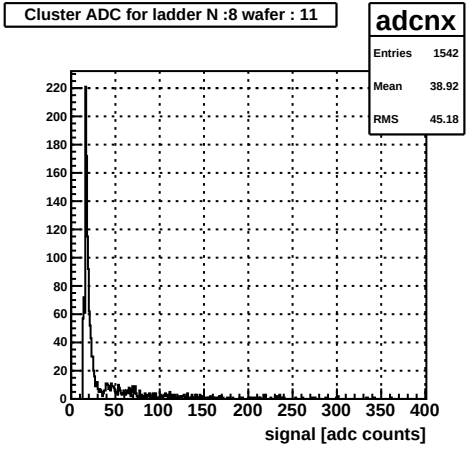

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 2806
Mean 28.83
RMS 35.4
signal [adc counts]

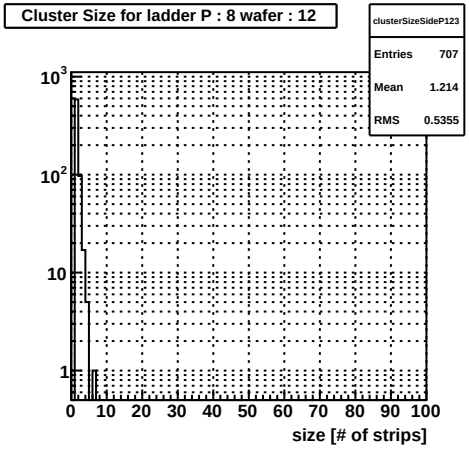

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 397
Mean 1.466
RMS 0.7852
size [# of strips]

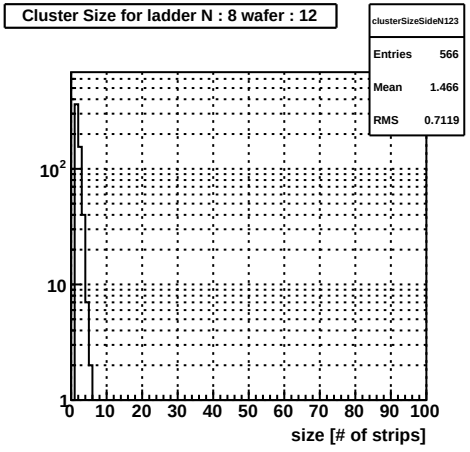

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 1542
Mean 1.228
RMS 0.5861
size [# of strips]

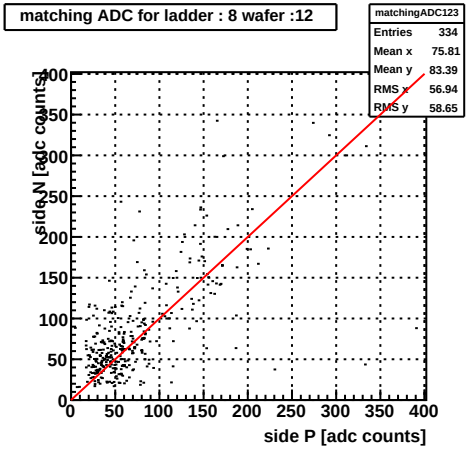

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 288
Mean x 82.71
Mean y 85.86
RMS x 61.95
RMS y 60.36
side N [adc counts]
side P [adc counts]

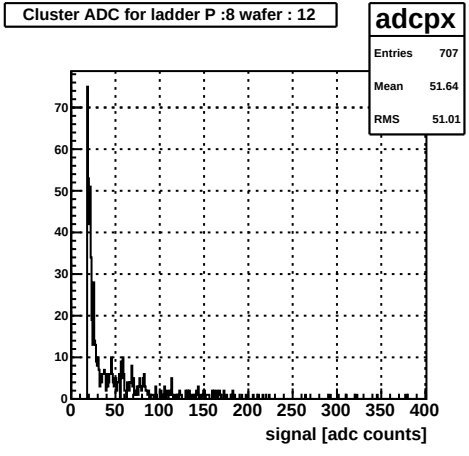

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 397
Mean 77.42
RMS 66.77
signal [adc counts]

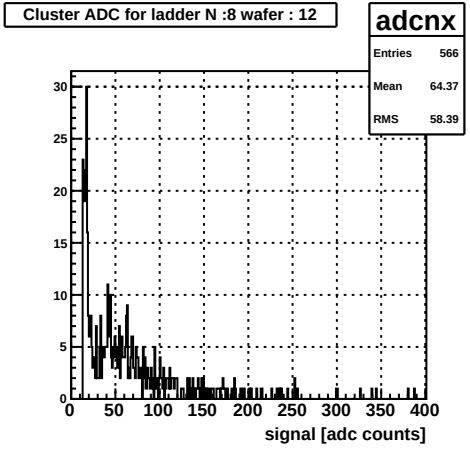

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 1542
Mean 38.92
RMS 45.18
signal [adc counts]

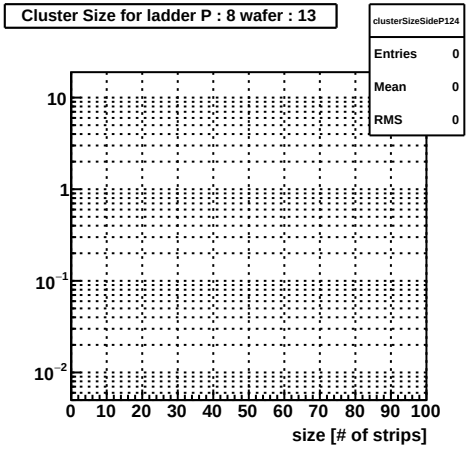

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 707
Mean 1.214
RMS 0.5355
size [# of strips]

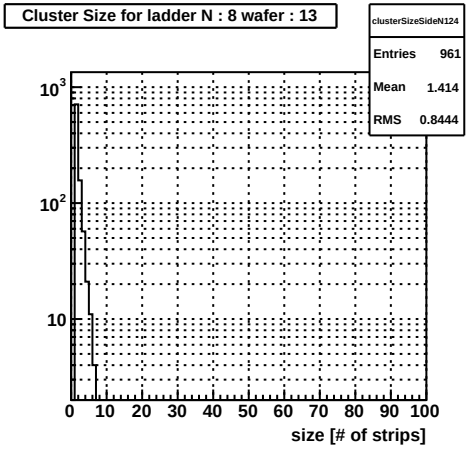

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 566
Mean 1.466
RMS 0.7119
size [# of strips]

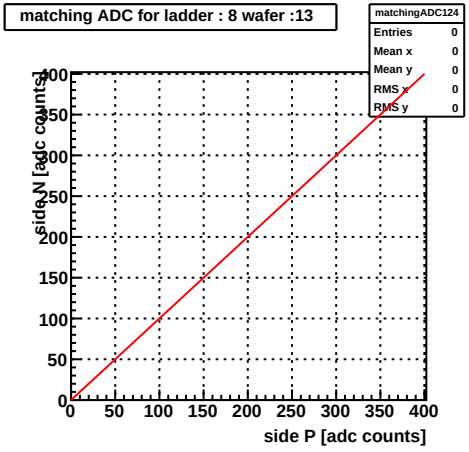

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 334
Mean x 75.81
Mean y 83.39
RMS x 56.94
RMS y 58.65
side N [adc counts]
side P [adc counts]

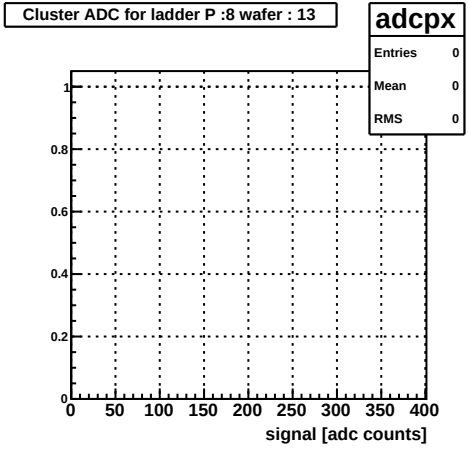

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 707
Mean 51.64
RMS 51.01
signal [adc counts]

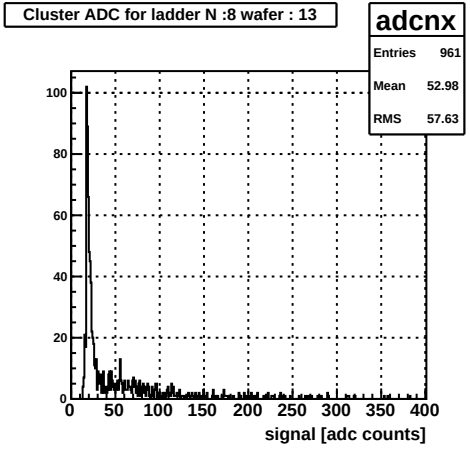

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 566
Mean 64.37
RMS 58.39
signal [adc counts]

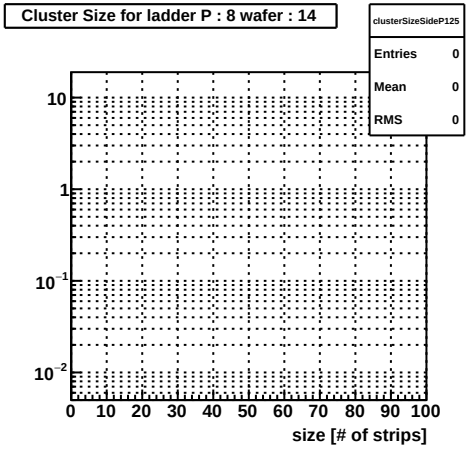

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

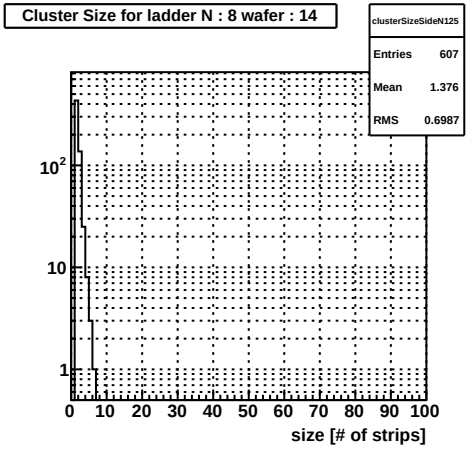

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 961
Mean 1.414
RMS 0.8444
size [# of strips]

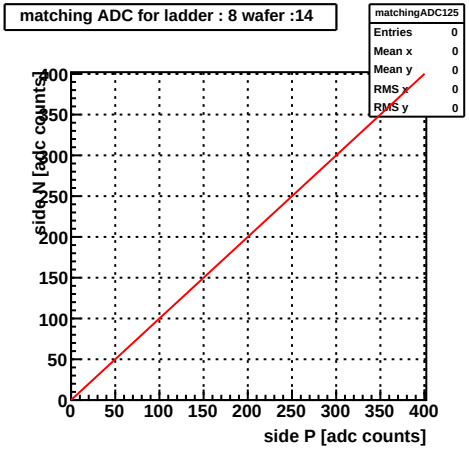

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

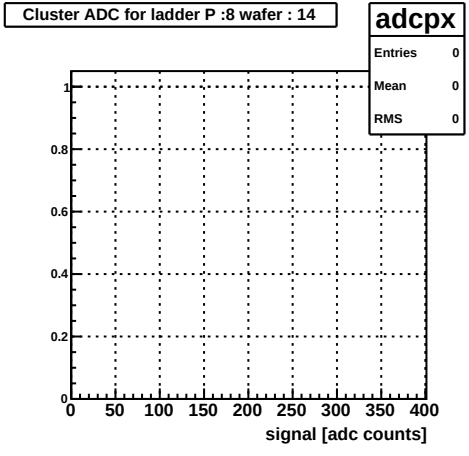

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

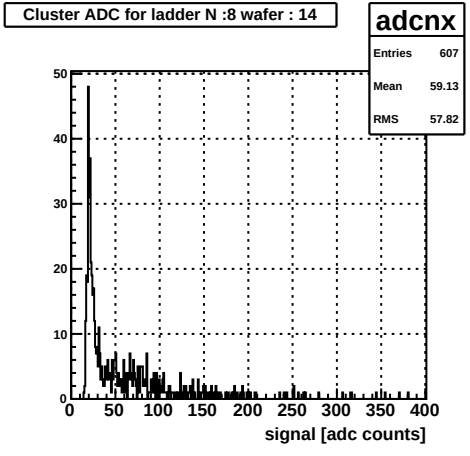

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 961
Mean 52.98
RMS 57.63
signal [adc counts]

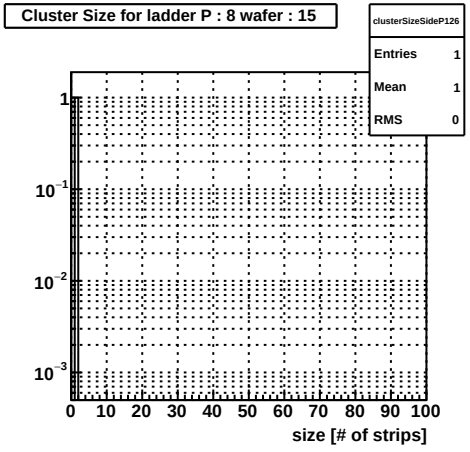

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

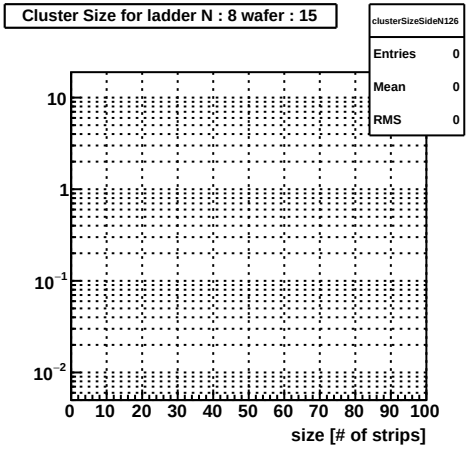

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 607
Mean 1.376
RMS 0.6987
size [# of strips]

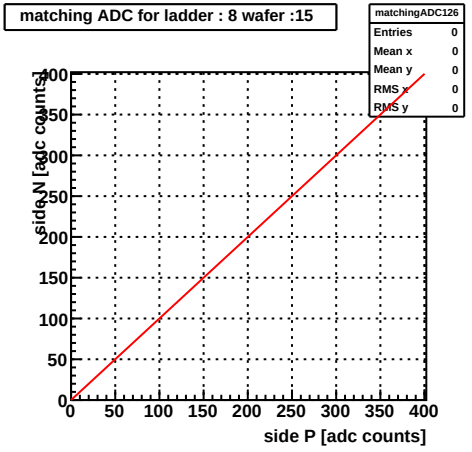

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

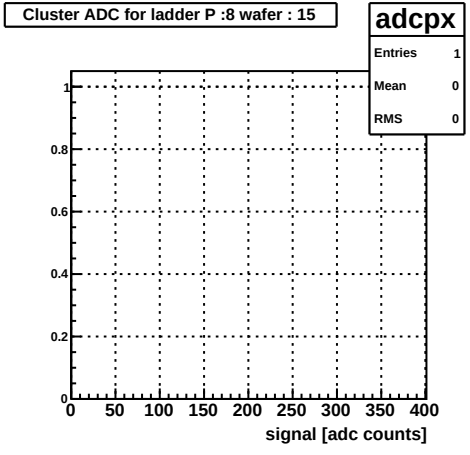

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

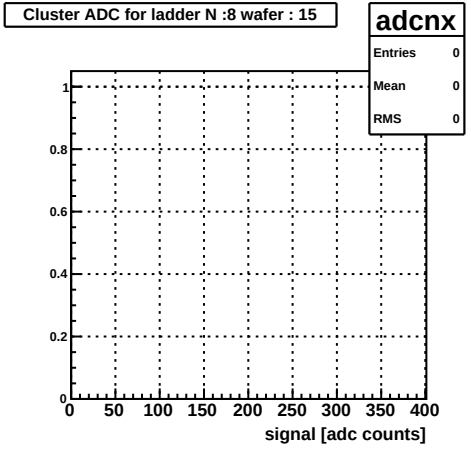

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 607
Mean 59.13
RMS 57.82
signal [adc counts]

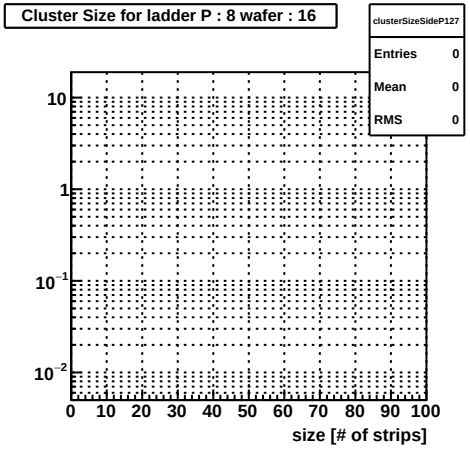

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 1
Mean 1
RMS 0
size [# of strips]

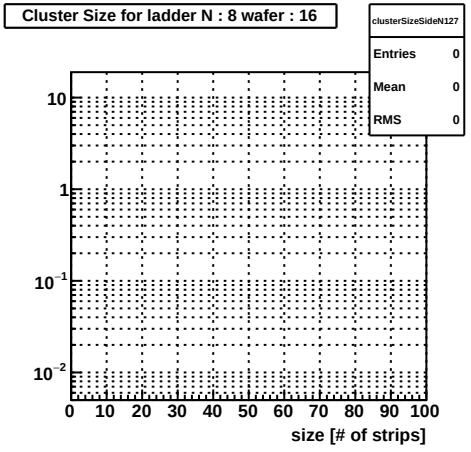

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

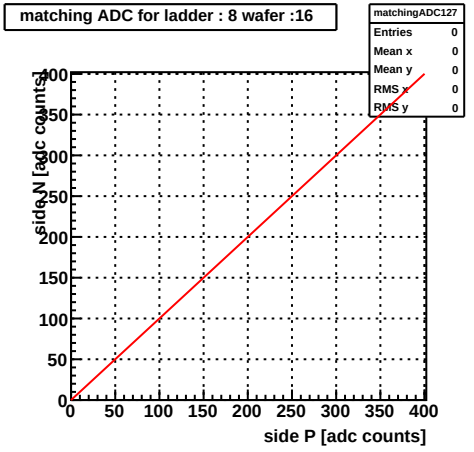

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

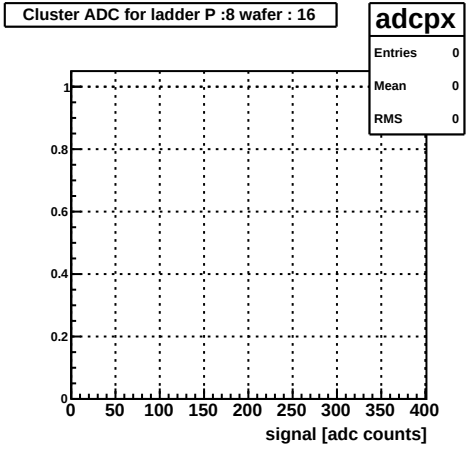

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

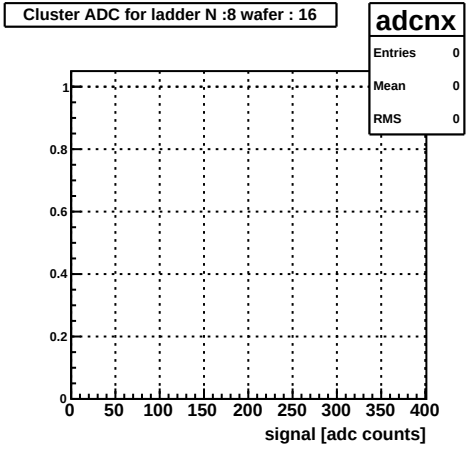

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

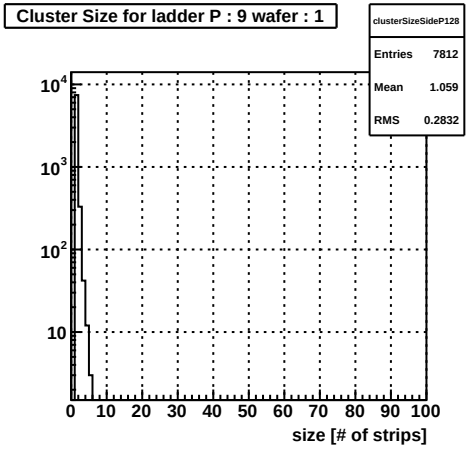

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

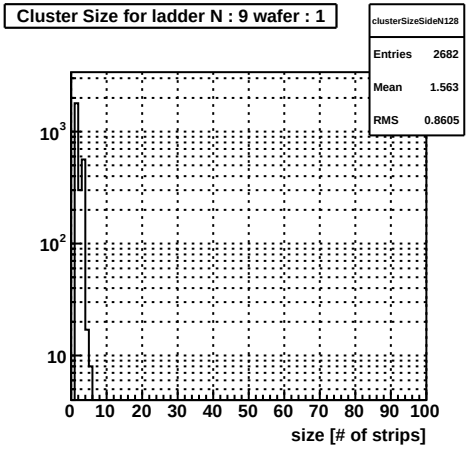

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

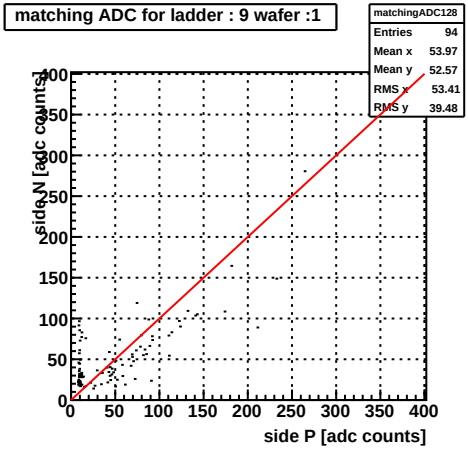

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

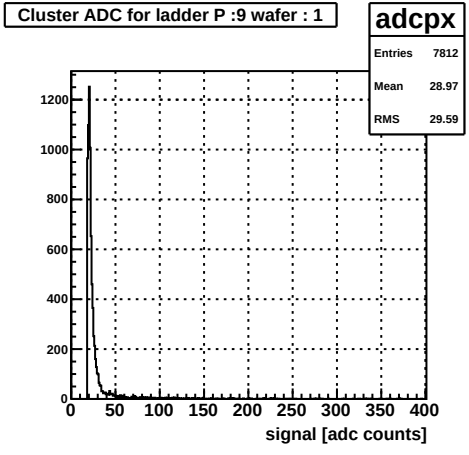

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

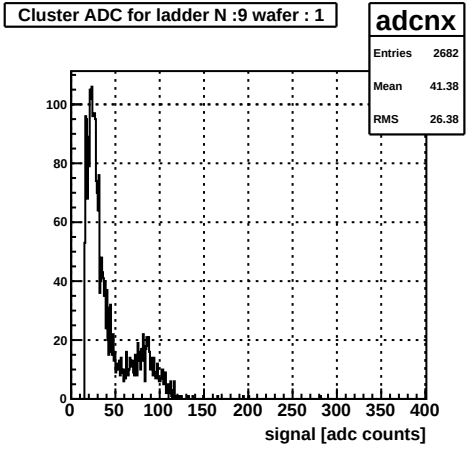

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

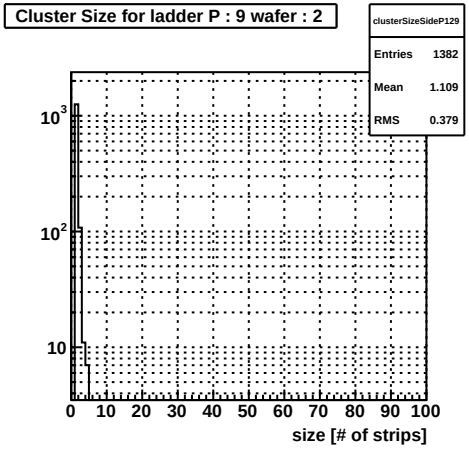

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 7812
Mean 1.059
RMS 0.2832
size [# of strips]

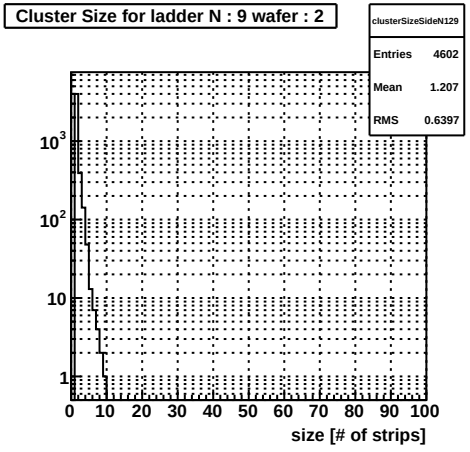

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 2682
Mean 1.563
RMS 0.8605
size [# of strips]

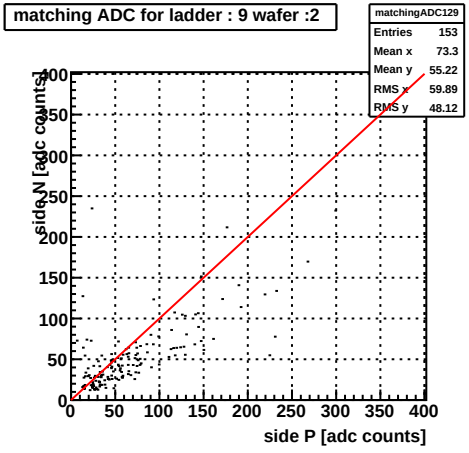

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 94
Mean x 53.97
Mean y 52.57
RMS x 53.41
RMS y 39.48
side N [adc counts]
side P [adc counts]

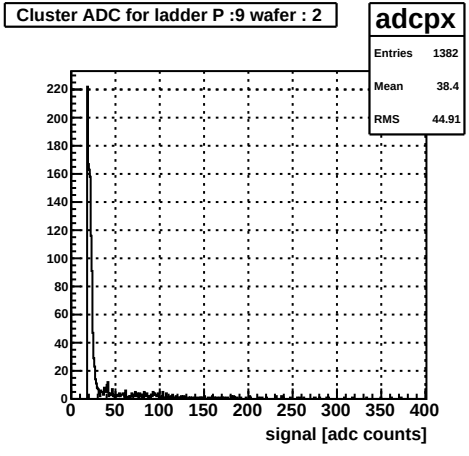

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 7812
Mean 28.97
RMS 29.59
signal [adc counts]

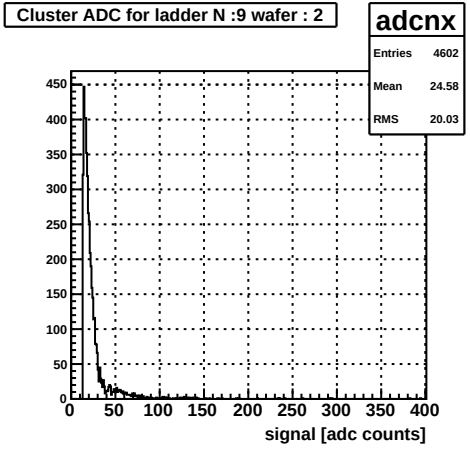

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 2682
Mean 41.38
RMS 26.38
signal [adc counts]

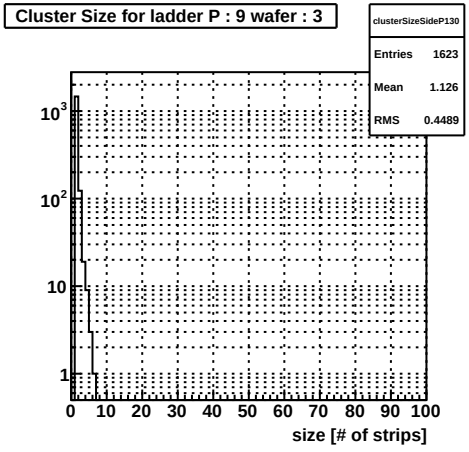

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 1382
Mean 1.109
RMS 0.379
size [# of strips]

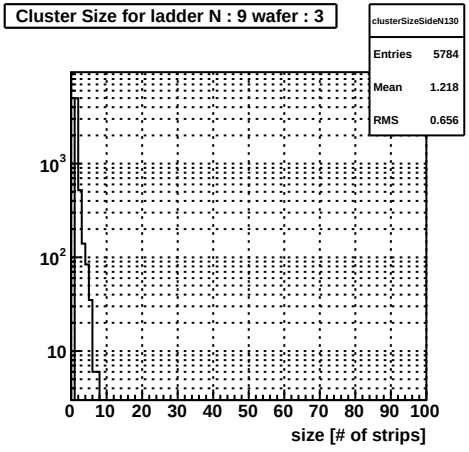

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 4602
Mean 1.207
RMS 0.6397
size [# of strips]

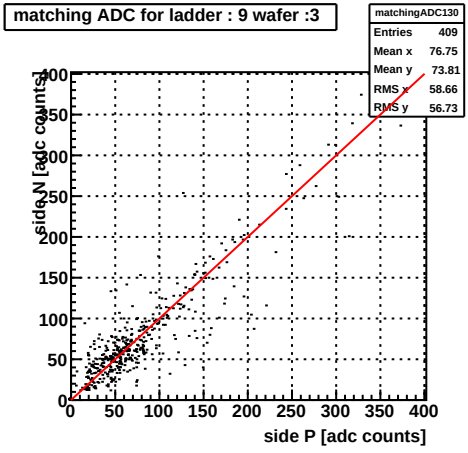

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 153
Mean x 73.3
Mean y 55.22
RMS x 59.89
RMS y 48.12
side N [adc counts]
side P [adc counts]

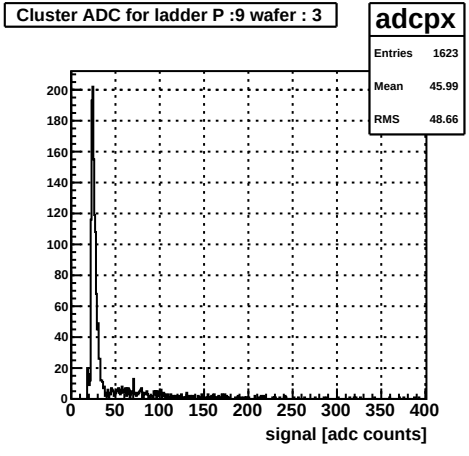

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 1382
Mean 38.4
RMS 44.91
signal [adc counts]

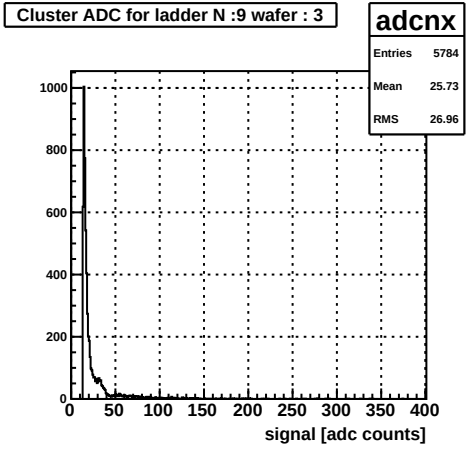

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 4602
Mean 24.58
RMS 20.03
signal [adc counts]

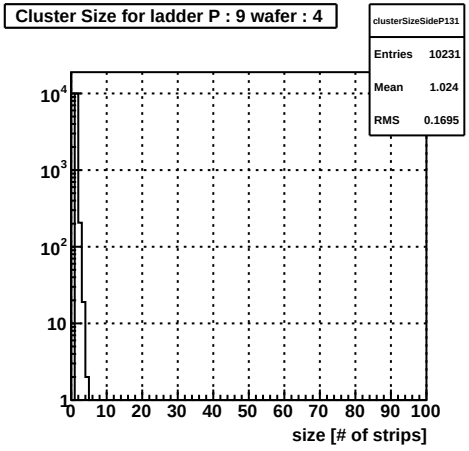

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 1623
Mean 1.126
RMS 0.4489
size [# of strips]

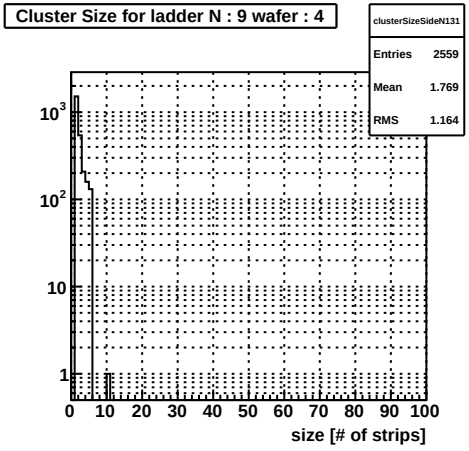

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 5784
Mean 1.218
RMS 0.656
size [# of strips]

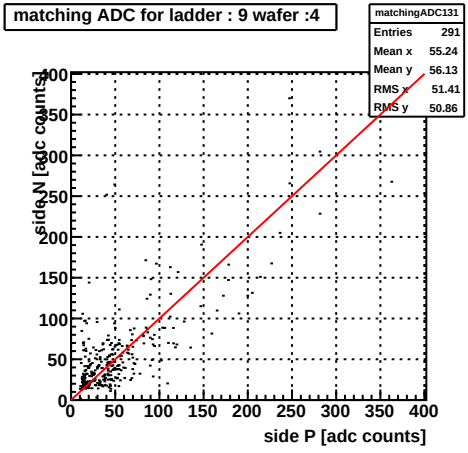

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 409
Mean x 76.75
Mean y 73.81
RMS x 58.66
RMS y 56.73
side N [adc counts]
side P [adc counts]

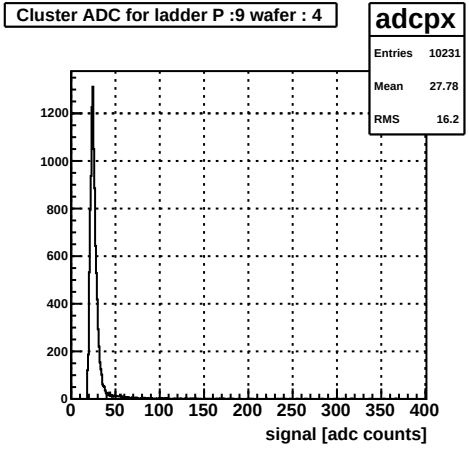

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 1623
Mean 45.99
RMS 48.66
signal [adc counts]

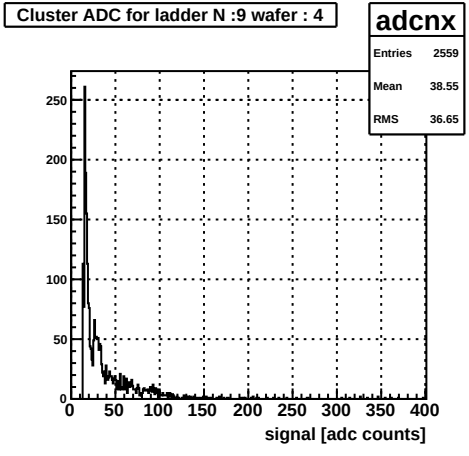

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 5784
Mean 25.73
RMS 26.96
signal [adc counts]

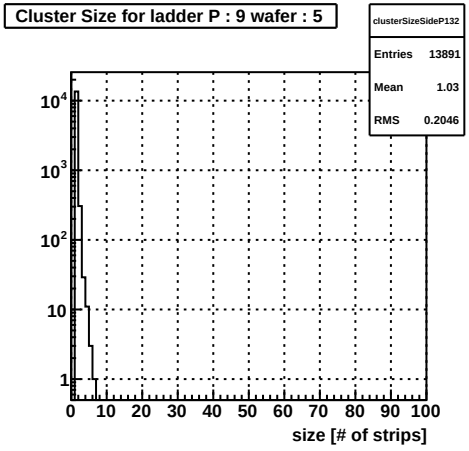

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 10231
Mean 1.024
RMS 0.1695
size [# of strips]

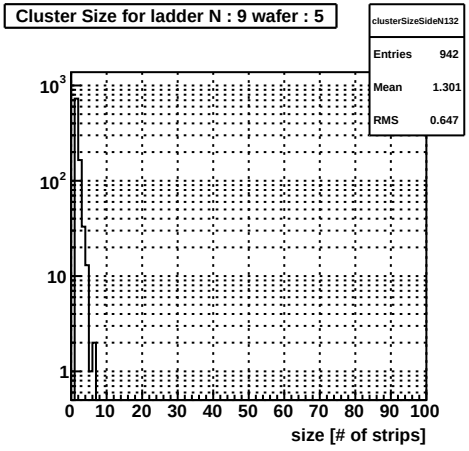

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 2559
Mean 1.769
RMS 1.164
size [# of strips]

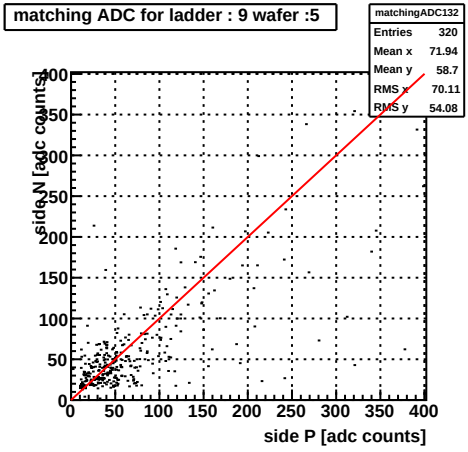

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 291
Mean x 55.24
Mean y 56.13
RMS x 51.41
RMS y 50.86
side N [adc counts]
side P [adc counts]

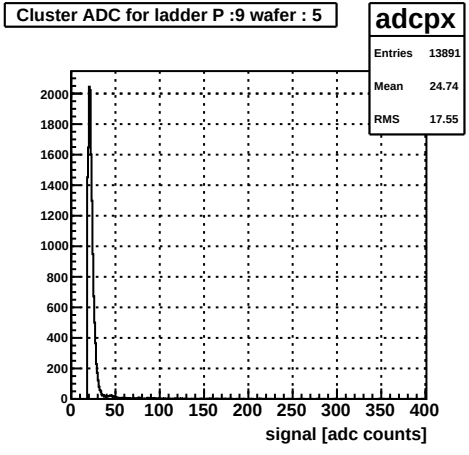

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 10231
Mean 27.78
RMS 16.2
signal [adc counts]

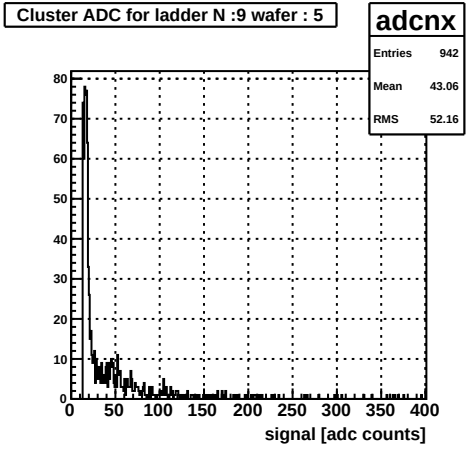

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 2559
Mean 38.55
RMS 36.65
signal [adc counts]

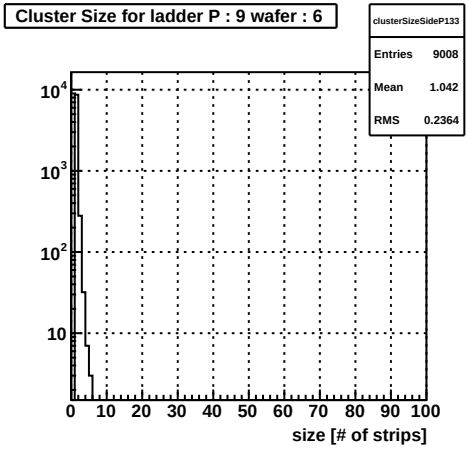

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 13891
Mean 1.03
RMS 0.2046
size [# of strips]

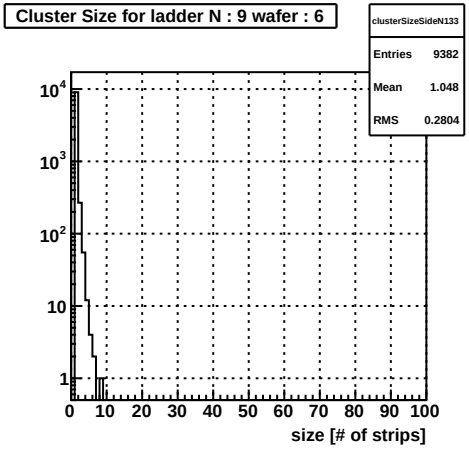

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 942
Mean 1.301
RMS 0.647
size [# of strips]

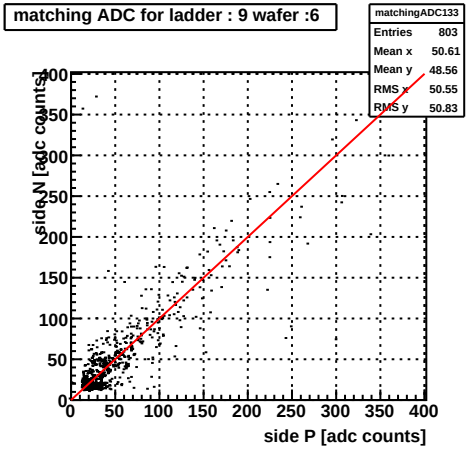

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 320
Mean x 71.94
Mean y 58.7
RMS x 70.11
RMS y 54.08
side N [adc counts]
side P [adc counts]

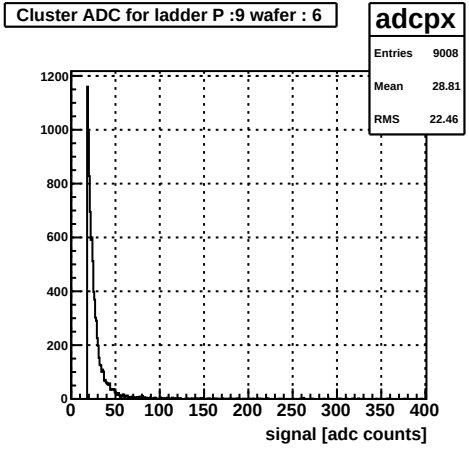

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 13891
Mean 24.74
RMS 17.55
signal [adc counts]

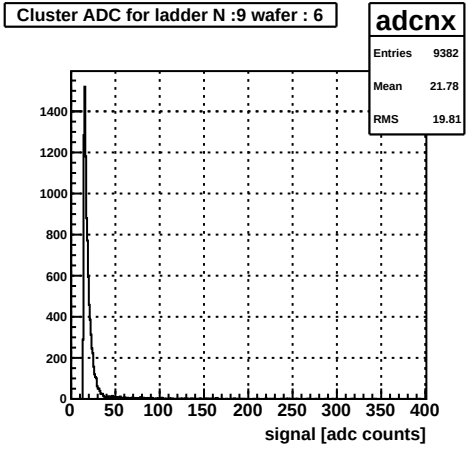

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 942
Mean 43.06
RMS 52.16
signal [adc counts]

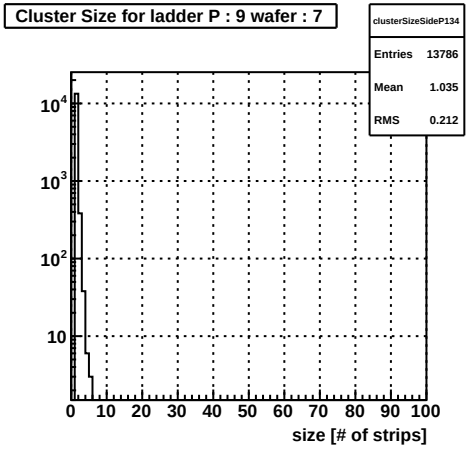

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 9008
Mean 1.042
RMS 0.2364
size [# of strips]

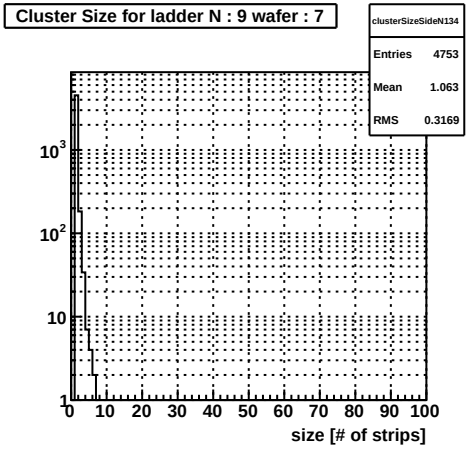

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 9382
Mean 1.048
RMS 0.2804
size [# of strips]

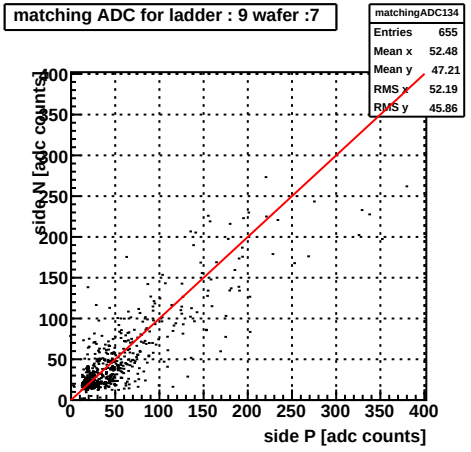

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 803
Mean x 50.61
Mean y 48.56
RMS x 50.55
RMS y 50.83
side N [adc counts]
side P [adc counts]

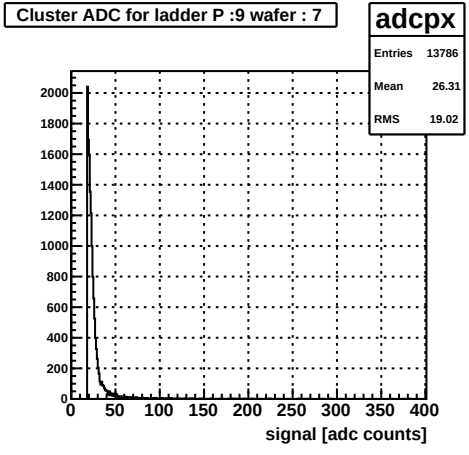

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 9008
Mean 28.81
RMS 22.46
signal [adc counts]

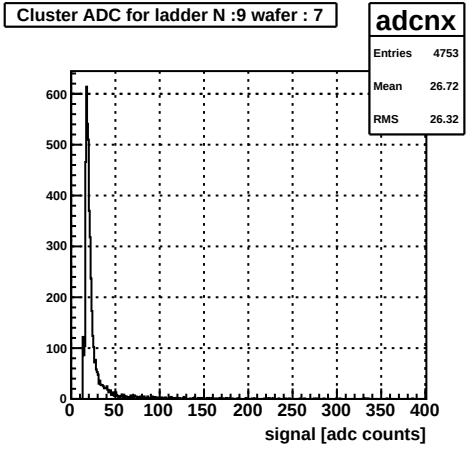

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 9382
Mean 21.78
RMS 19.81
signal [adc counts]

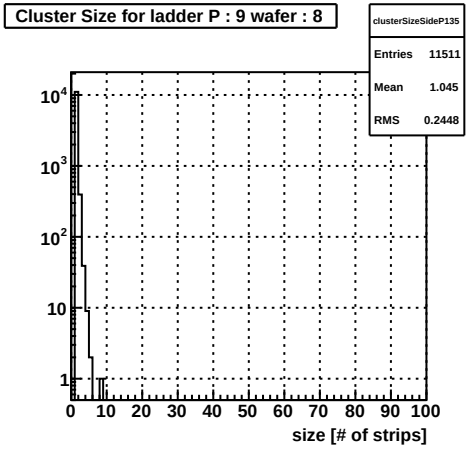

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 13786
Mean 1.035
RMS 0.212
size [# of strips]

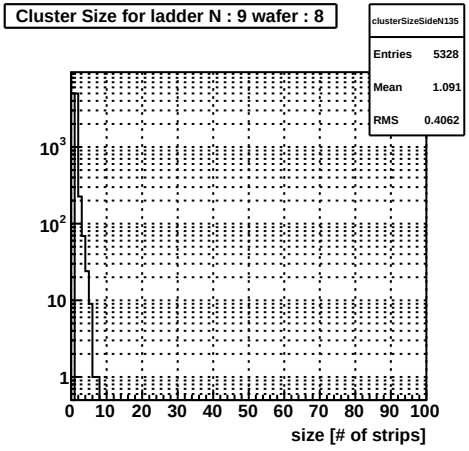

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 4753
Mean 1.063
RMS 0.3169
size [# of strips]

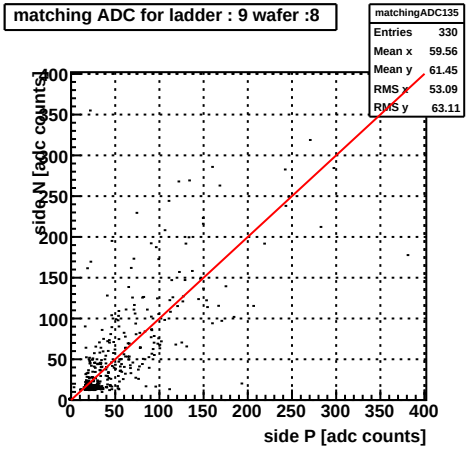

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 655
Mean x 52.48
Mean y 47.21
RMS x 52.19
RMS y 45.86
side N [adc counts]
side P [adc counts]

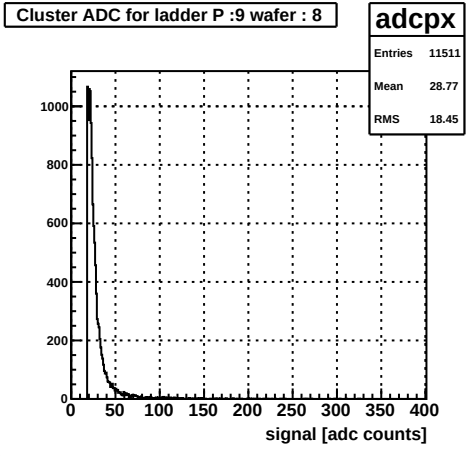

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 13786
Mean 26.31
RMS 19.02
signal [adc counts]

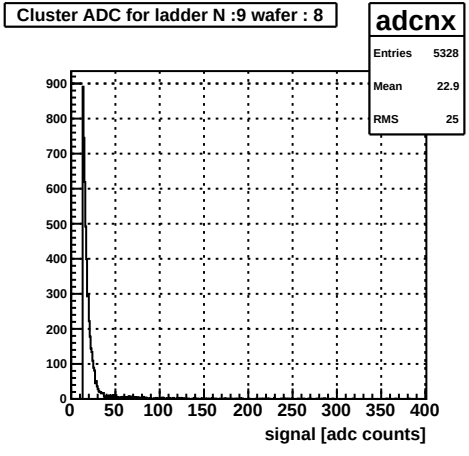

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 4753
Mean 26.72
RMS 26.32
signal [adc counts]

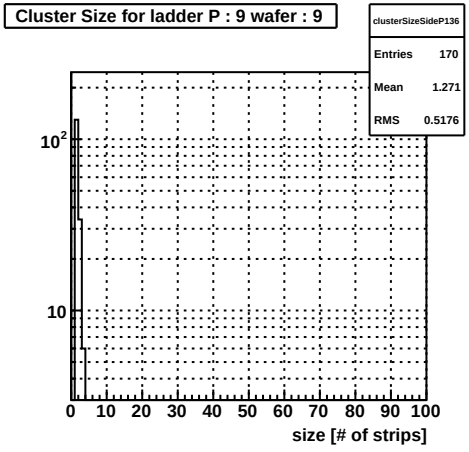

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 11511
Mean 1.045
RMS 0.2448
size [# of strips]

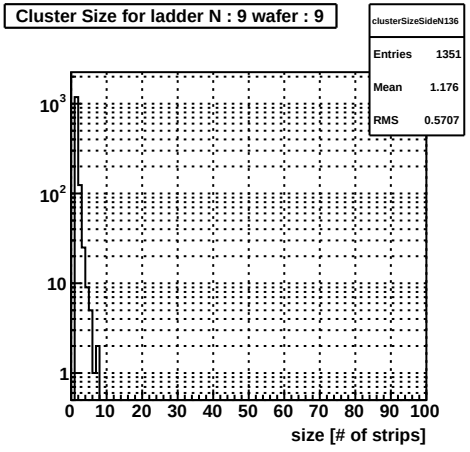

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 5328
Mean 1.091
RMS 0.4062
size [# of strips]

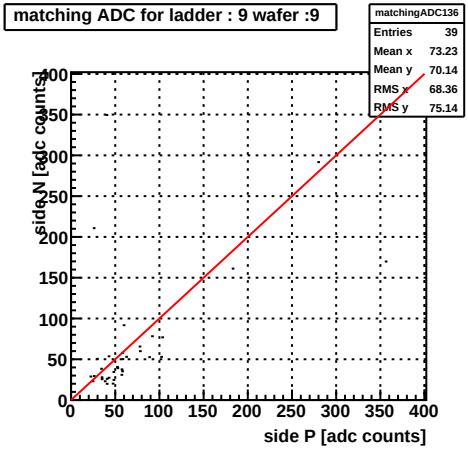

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 330
Mean x 59.56
Mean y 61.45
RMS x 53.09
RMS y 63.11
side N [adc counts]
side P [adc counts]

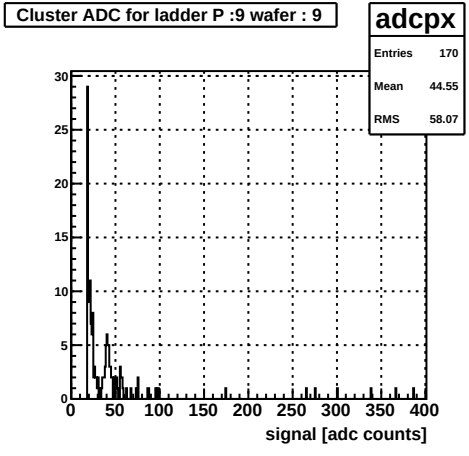

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 11511
Mean 28.77
RMS 18.45
signal [adc counts]

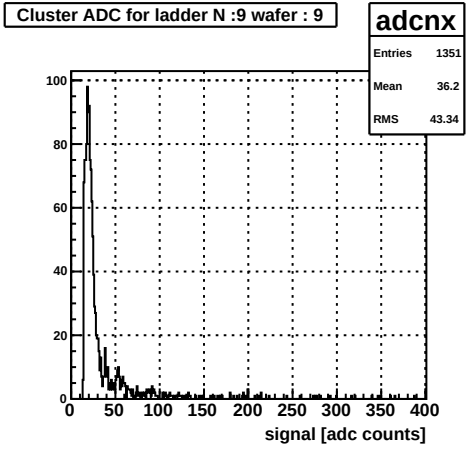

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 5328
Mean 22.9
RMS 25
signal [adc counts]

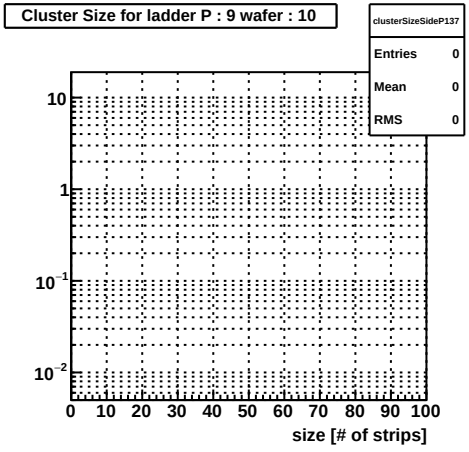

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 170
Mean 1.271
RMS 0.5176
size [# of strips]

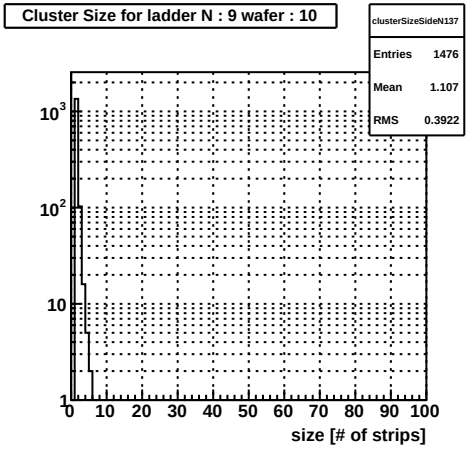

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 1351
Mean 1.176
RMS 0.5707
size [# of strips]

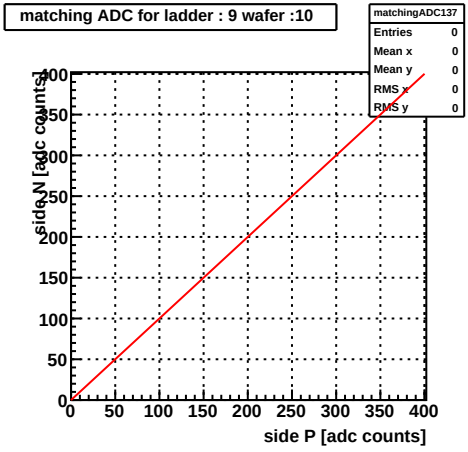

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 39
Mean x 73.23
Mean y 70.14
RMS x 68.36
RMS y 75.14
side N [adc counts]
side P [adc counts]

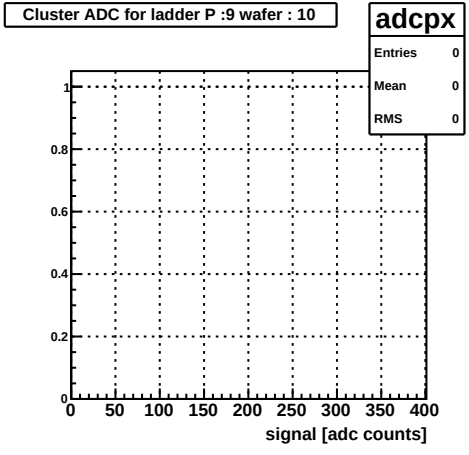

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 170
Mean 44.55
RMS 58.07
signal [adc counts]

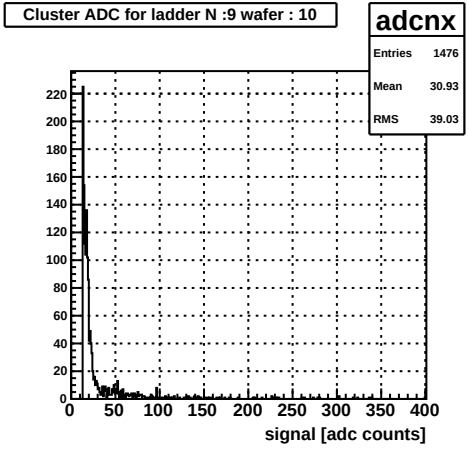

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 1351
Mean 36.2
RMS 43.34
signal [adc counts]

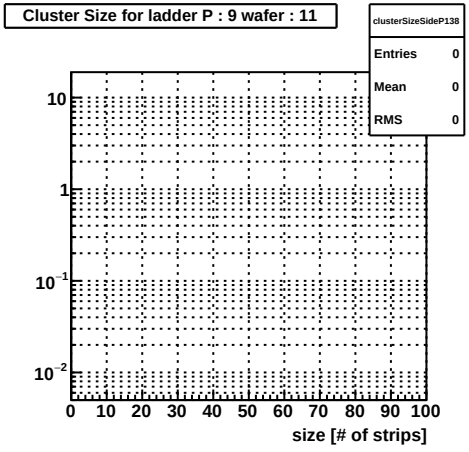

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

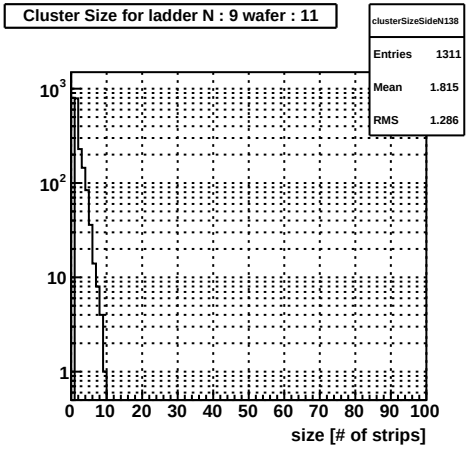

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 1476
Mean 1.107
RMS 0.3922
size [# of strips]

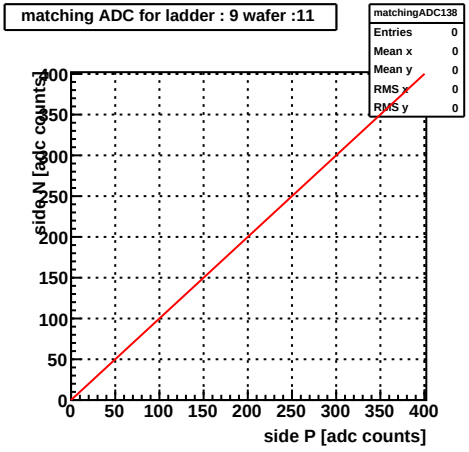

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

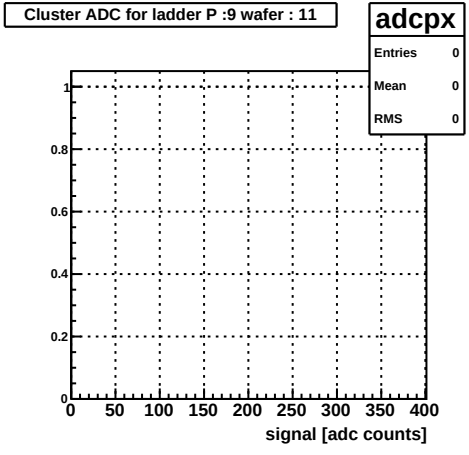

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

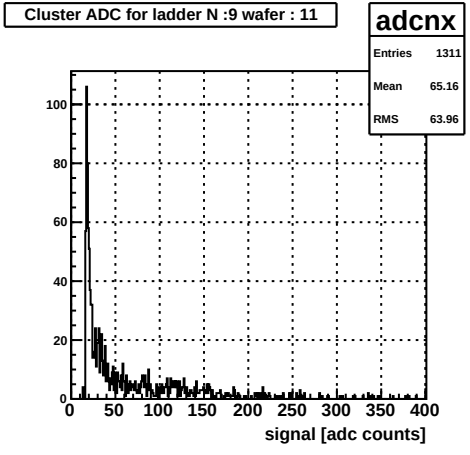

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 1476
Mean 30.93
RMS 39.03
signal [adc counts]

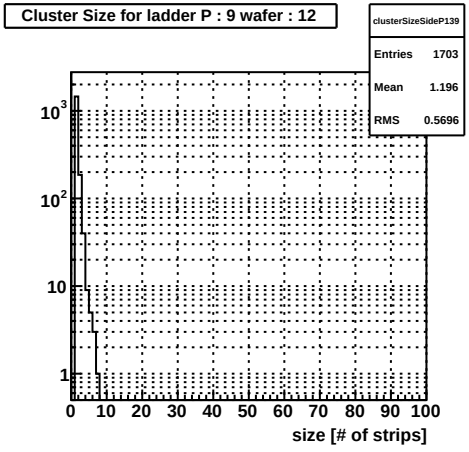

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

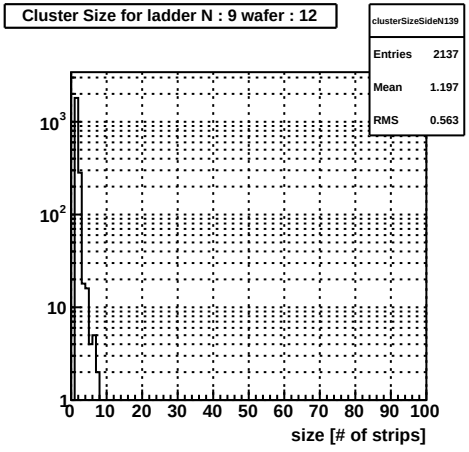

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 1311
Mean 1.815
RMS 1.286
size [# of strips]

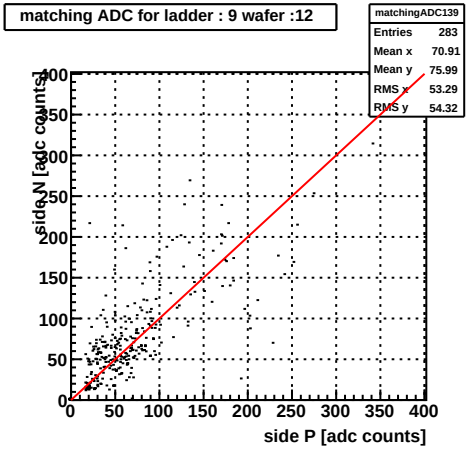

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

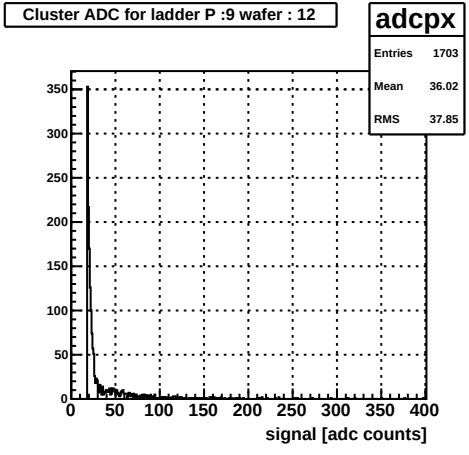

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

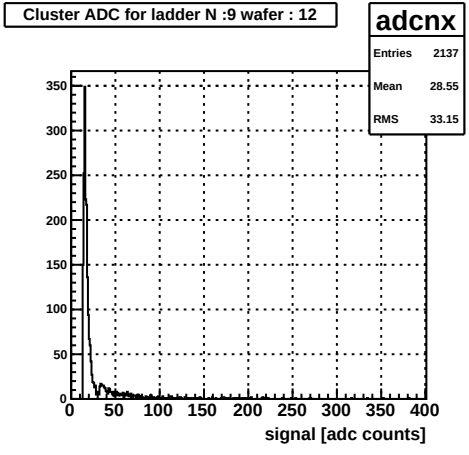

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 1311
Mean 65.16
RMS 63.96
signal [adc counts]

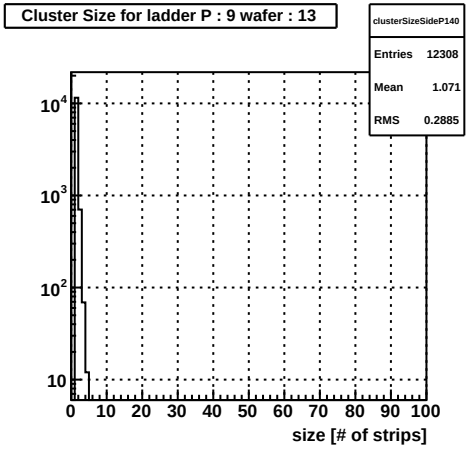

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 1703
Mean 1.196
RMS 0.5696
size [# of strips]

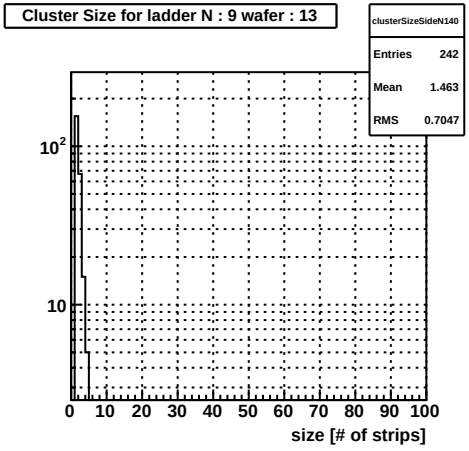

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 2137
Mean 1.197
RMS 0.563
size [# of strips]

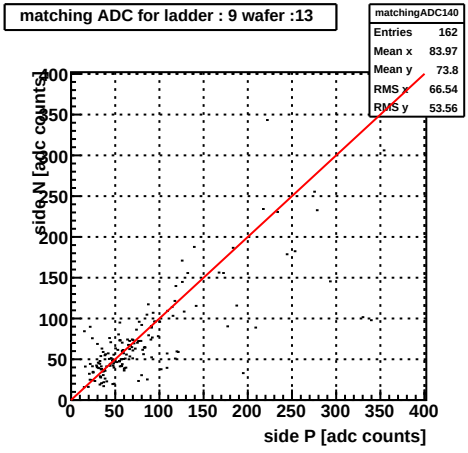

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 283
Mean x 70.91
Mean y 75.99
RMS x 53.29
RMS y 54.32
side N [adc counts]
side P [adc counts]

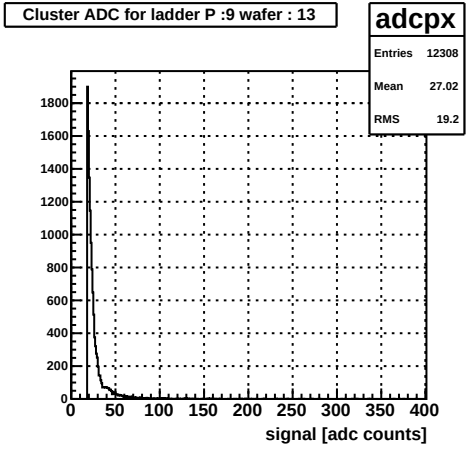

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 1703
Mean 36.02
RMS 37.85
signal [adc counts]

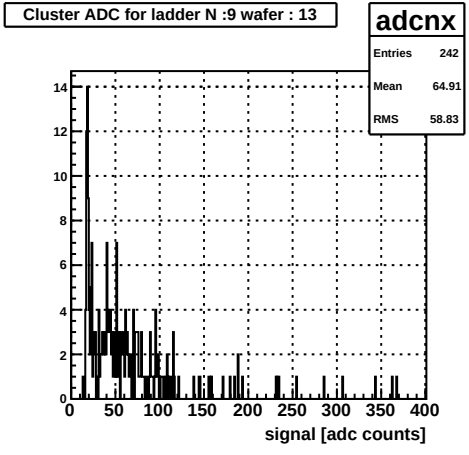

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 2137
Mean 28.55
RMS 33.15
signal [adc counts]

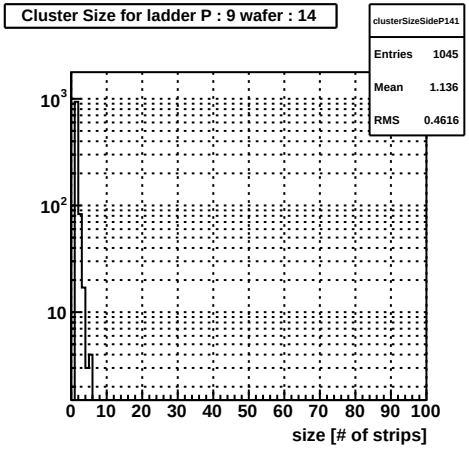

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 12308
Mean 1.071
RMS 0.2885
size [# of strips]

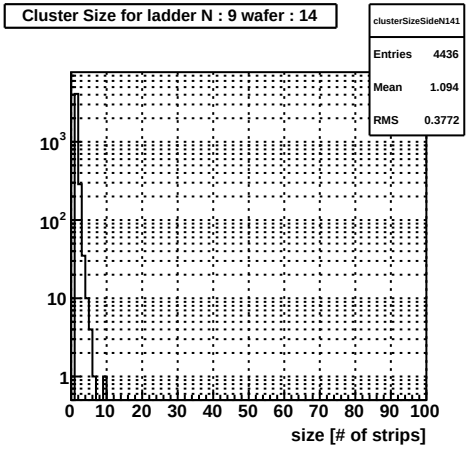

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 242
Mean 1.463
RMS 0.7047
size [# of strips]

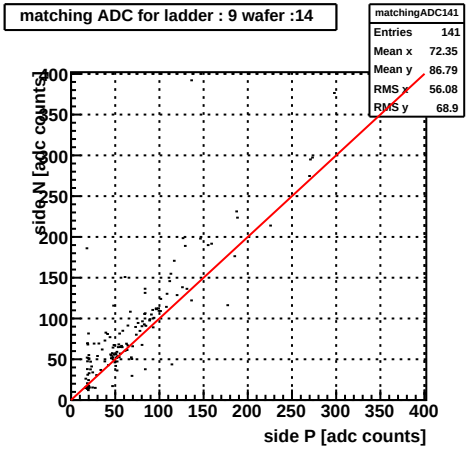

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 162
Mean x 83.97
Mean y 73.8
RMS x 66.54
RMS y 53.56
side N [adc counts]
side P [adc counts]

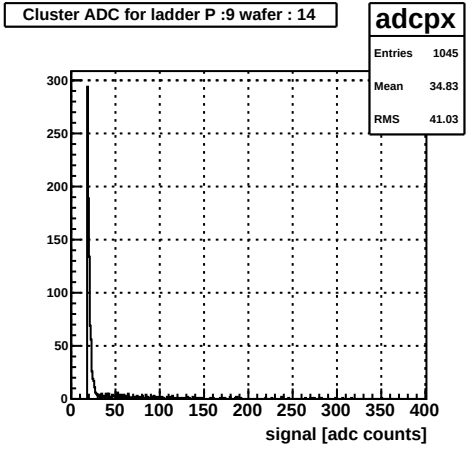

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 12308
Mean 27.02
RMS 19.2
signal [adc counts]

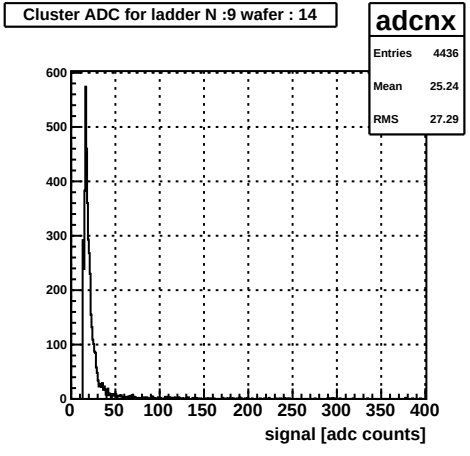

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 242
Mean 64.91
RMS 58.83
signal [adc counts]

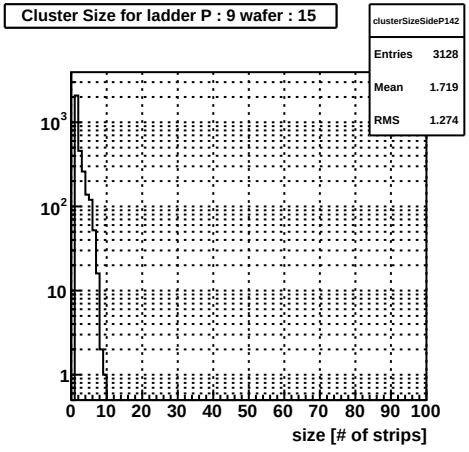

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 1045
Mean 1.136
RMS 0.4616
size [# of strips]

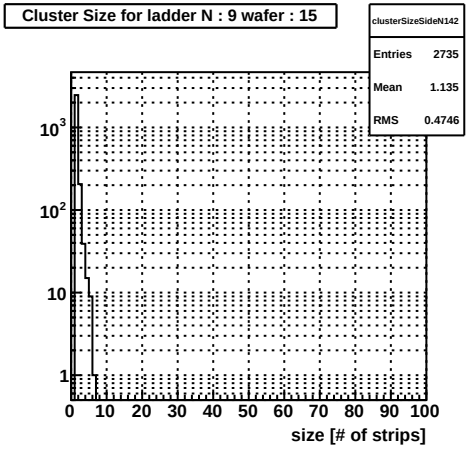

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 4436
Mean 1.094
RMS 0.3772
size [# of strips]

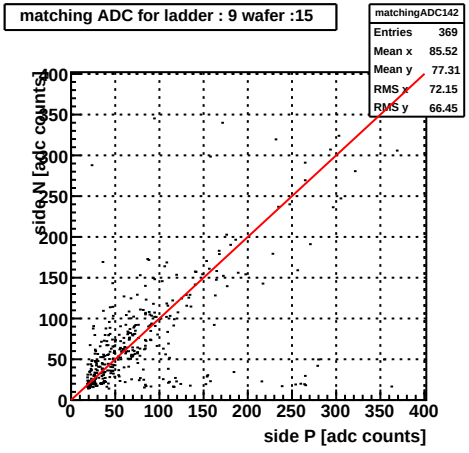

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 141
Mean x 72.35
Mean y 86.79
RMS x 56.08
RMS y 68.9
side N [adc counts]
side P [adc counts]

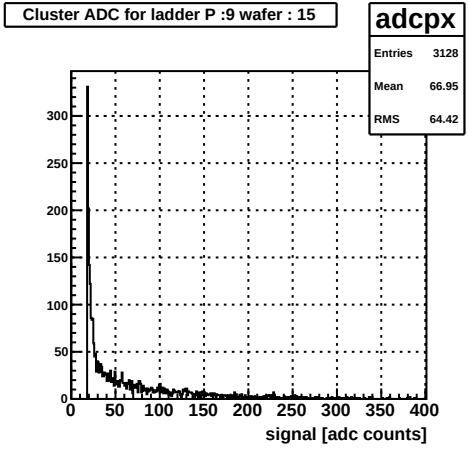

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 1045
Mean 34.83
RMS 41.03
signal [adc counts]

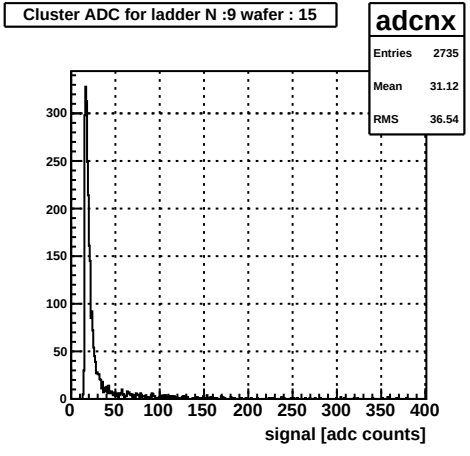

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 4436
Mean 25.24
RMS 27.29
signal [adc counts]

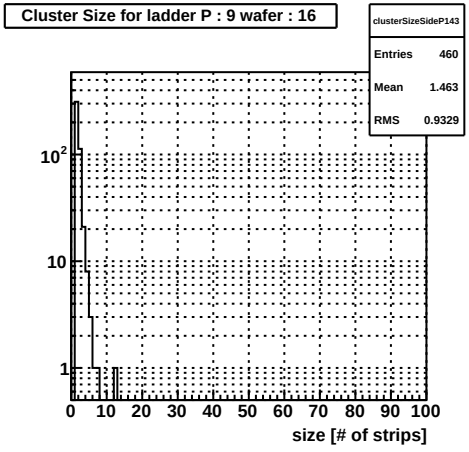

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 3128
Mean 1.719
RMS 1.274
size [# of strips]

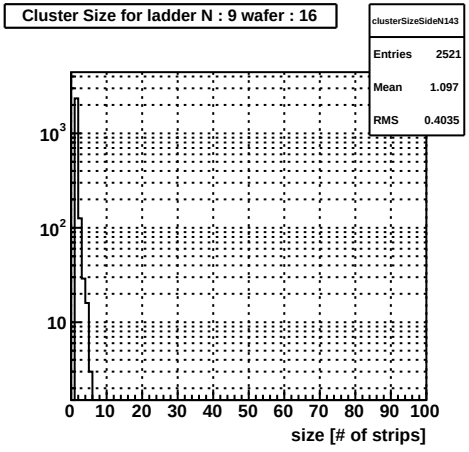

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 2735
Mean 1.135
RMS 0.4746
size [# of strips]

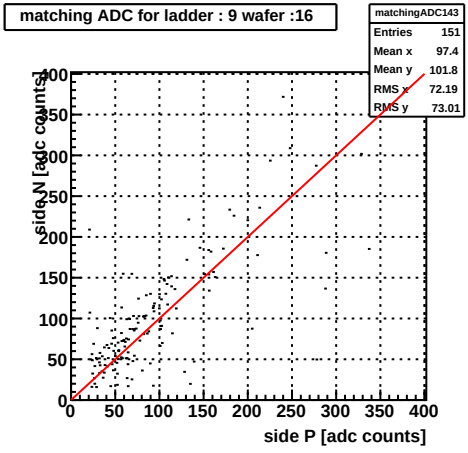

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 369
Mean x 85.52
Mean y 77.31
RMS x 72.15
RMS y 66.45
side N [adc counts]
side P [adc counts]

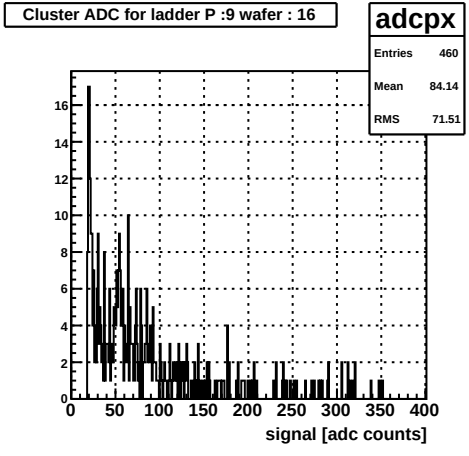

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 3128
Mean 66.95
RMS 64.42
signal [adc counts]

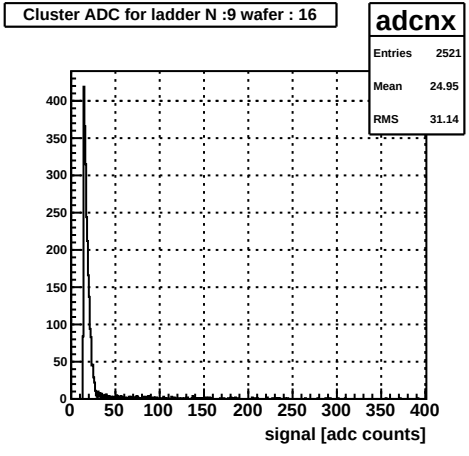

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 2735
Mean 31.12
RMS 36.54
signal [adc counts]

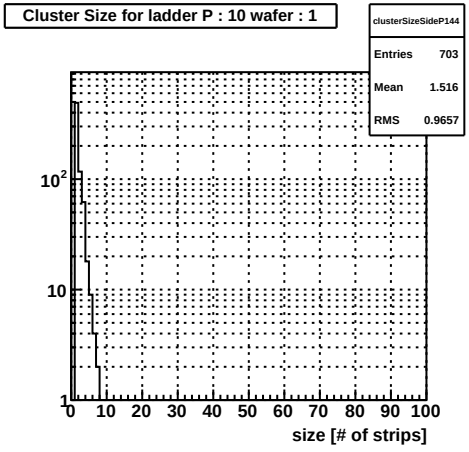

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 460
Mean 1.463
RMS 0.9329
size [# of strips]

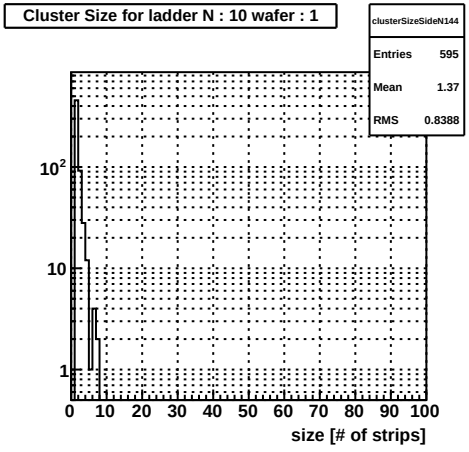

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 2521
Mean 1.097
RMS 0.4035
size [# of strips]

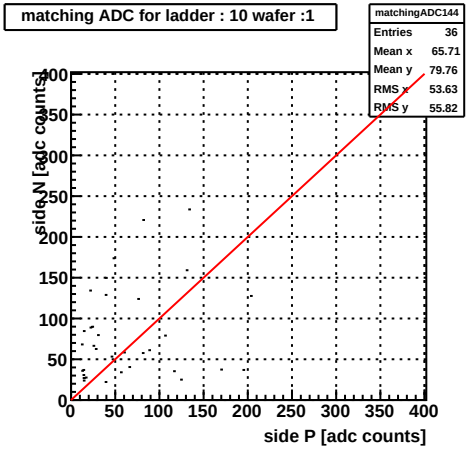

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 151
Mean x 97.4
Mean y 101.8
RMS x 72.19
RMS y 73.01
side N [adc counts]
side P [adc counts]

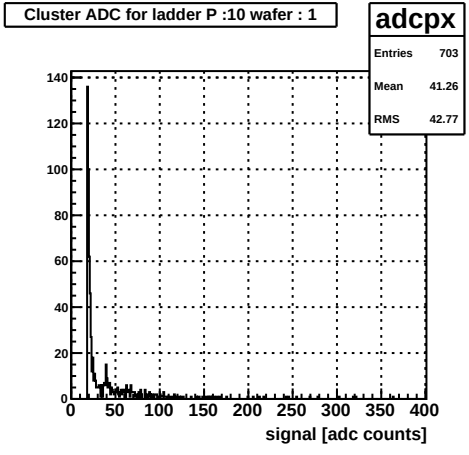

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 460
Mean 84.14
RMS 71.51
signal [adc counts]

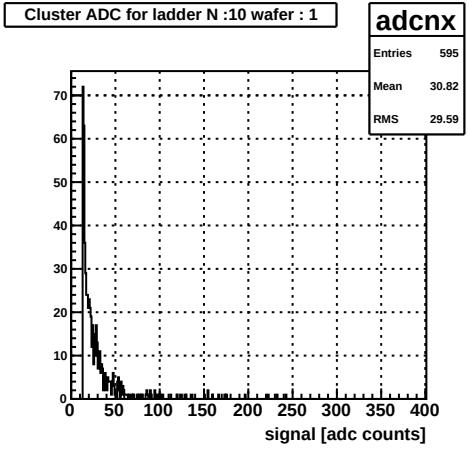

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 2521
Mean 24.95
RMS 31.14
signal [adc counts]

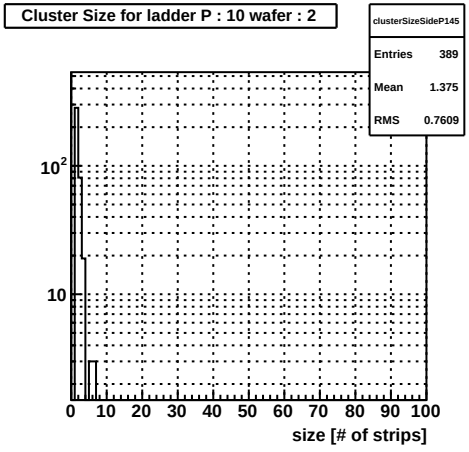

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 703
Mean 1.516
RMS 0.9657
size [# of strips]

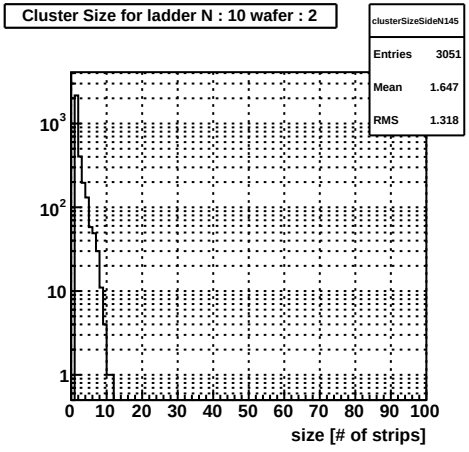

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 595
Mean 1.37
RMS 0.8388
size [# of strips]

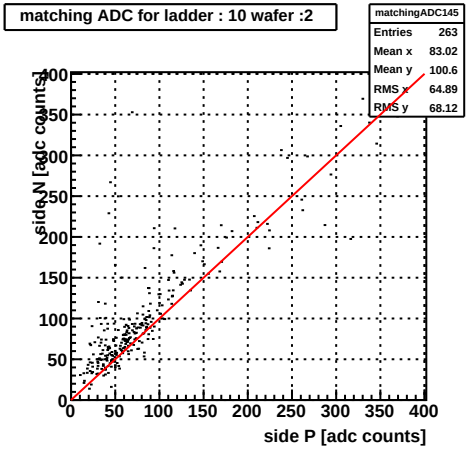

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 36
Mean x 65.71
Mean y 79.76
RMS x 53.63
RMS y 55.82
side N [adc counts]
side P [adc counts]

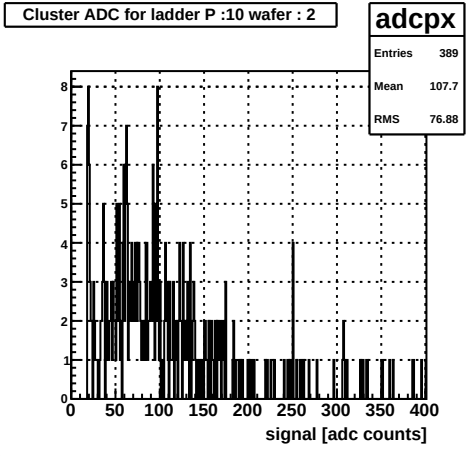

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 703
Mean 41.26
RMS 42.77
signal [adc counts]

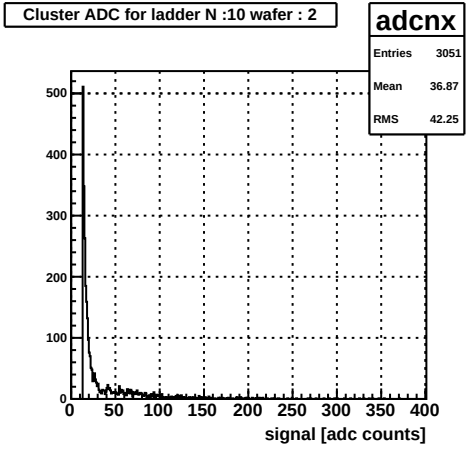

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 595
Mean 30.82
RMS 29.59
signal [adc counts]

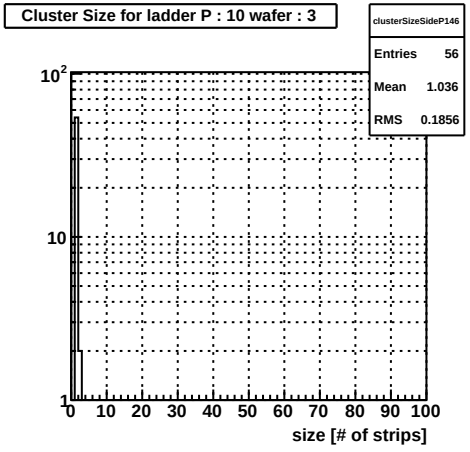

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 389
Mean 1.375
RMS 0.7609
size [# of strips]

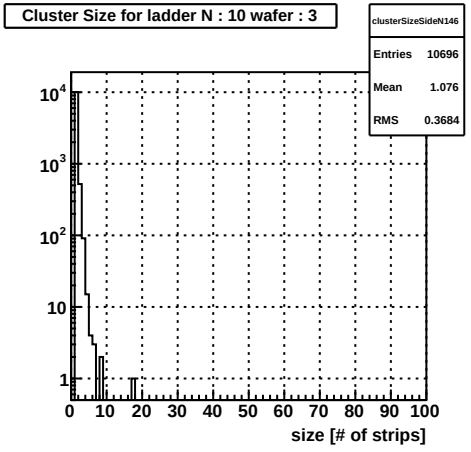

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 3051
Mean 1.647
RMS 1.318
size [# of strips]

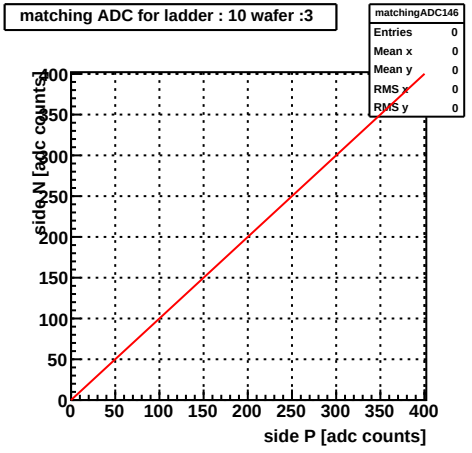

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 263
Mean x 83.02
Mean y 100.6
RMS x 64.89
RMS y 68.12
side N [adc counts]
side P [adc counts]

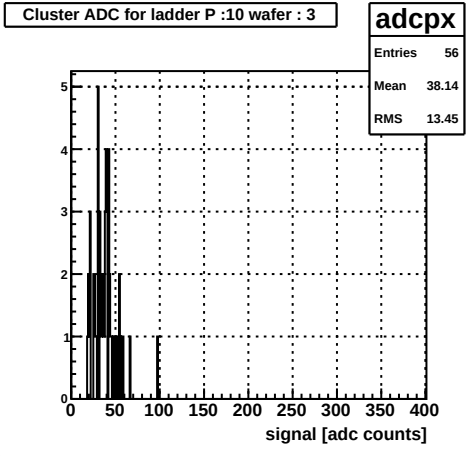

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 389
Mean 107.7
RMS 76.88
signal [adc counts]

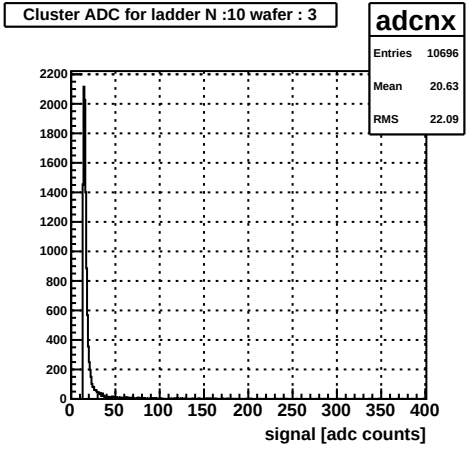

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 3051
Mean 36.87
RMS 42.25
signal [adc counts]

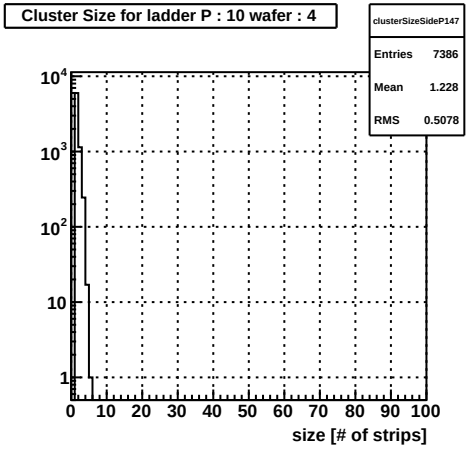

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 56
Mean 1.036
RMS 0.1856
size [# of strips]

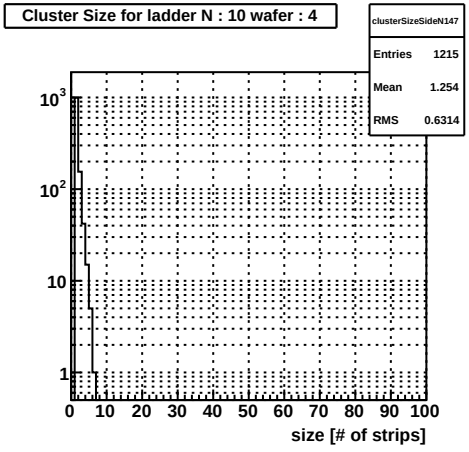

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 10696
Mean 1.076
RMS 0.3684
size [# of strips]

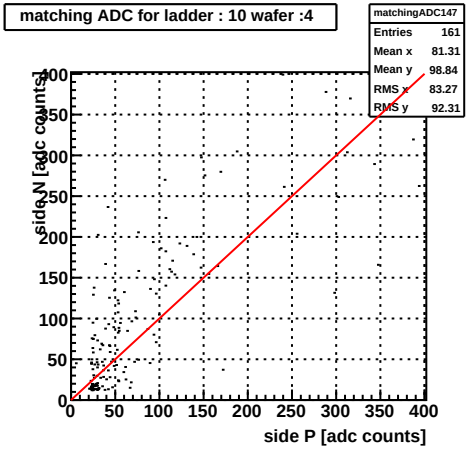

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

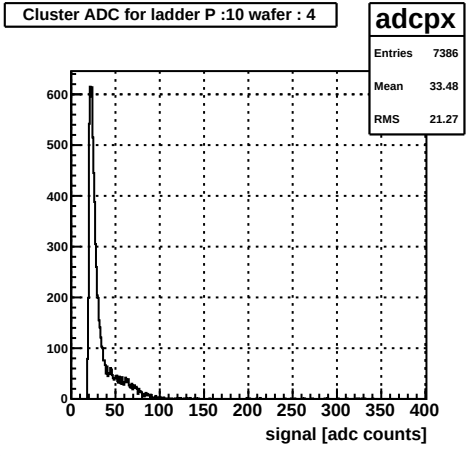

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 56
Mean 38.14
RMS 13.45
signal [adc counts]

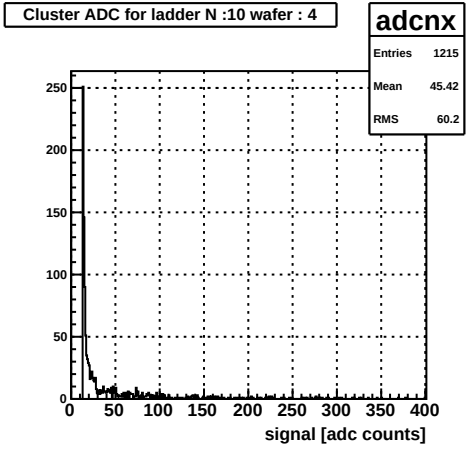

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 10696
Mean 20.63
RMS 22.09
signal [adc counts]

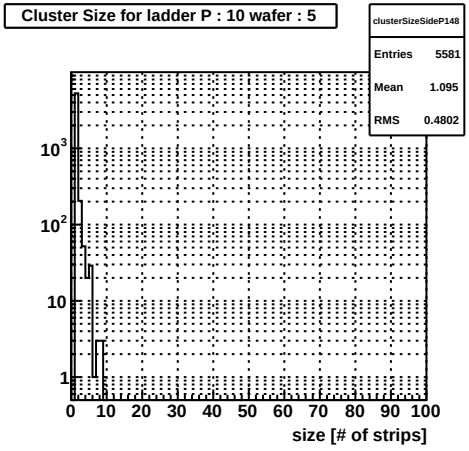

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 7386
Mean 1.228
RMS 0.5078
size [# of strips]

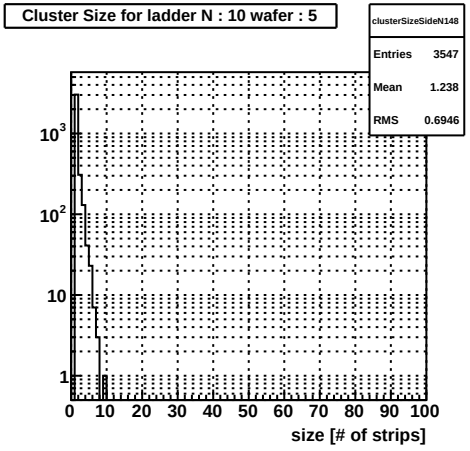

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 1215
Mean 1.254
RMS 0.6314
size [# of strips]

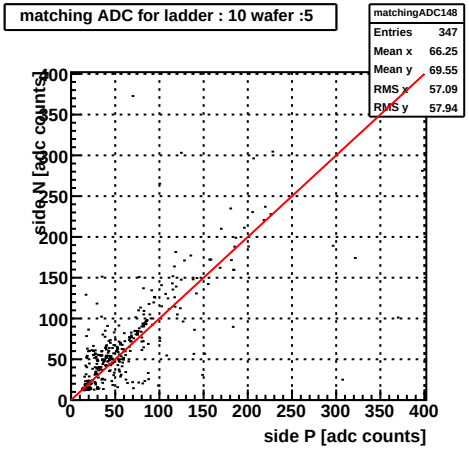

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 161
Mean x 81.31
Mean y 98.84
RMS x 83.27
RMS y 92.31
side N [adc counts]
side P [adc counts]

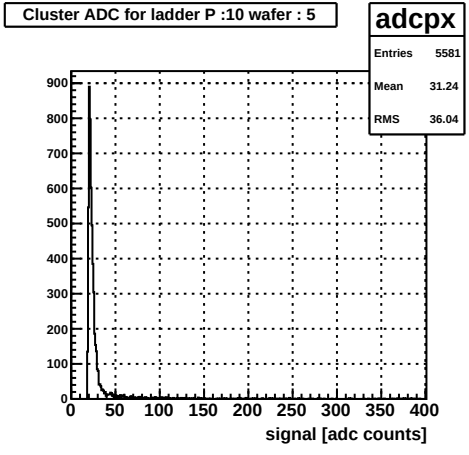

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 7386
Mean 33.48
RMS 21.27
signal [adc counts]

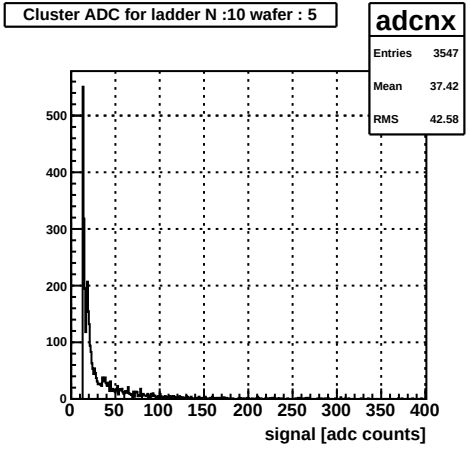

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 1215
Mean 45.42
RMS 60.2
signal [adc counts]

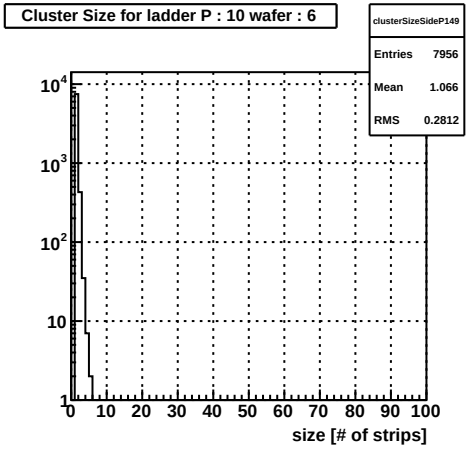

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 5581
Mean 1.095
RMS 0.4802
size [# of strips]

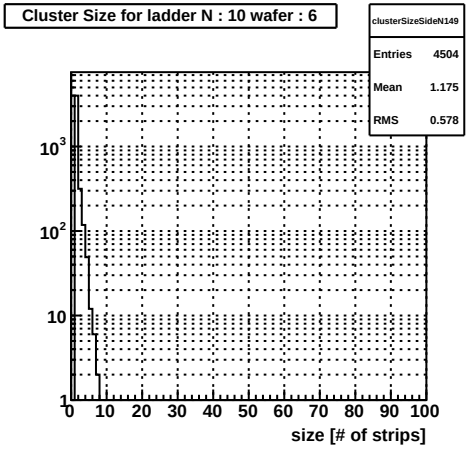

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 3547
Mean 1.238
RMS 0.6946
size [# of strips]

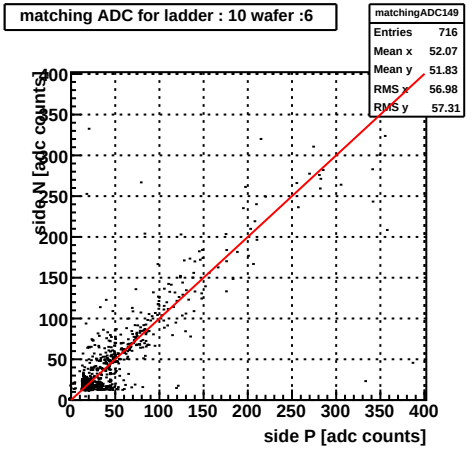

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 347
Mean x 66.25
Mean y 69.55
RMS x 57.09
RMS y 57.94
side N [adc counts]
side P [adc counts]

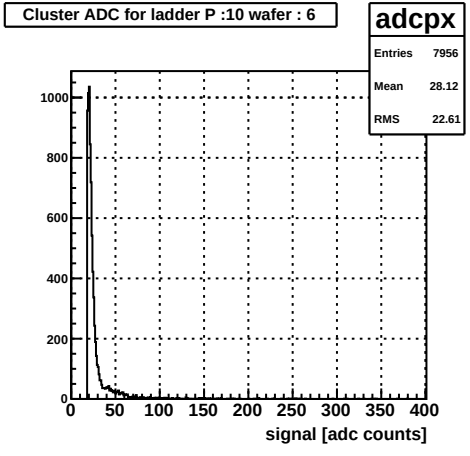

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 5581
Mean 31.24
RMS 36.04
signal [adc counts]

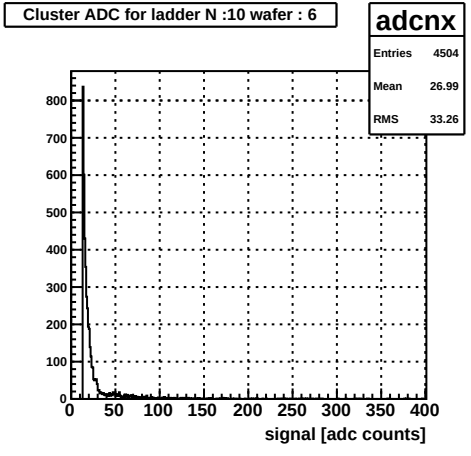

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 3547
Mean 37.42
RMS 42.58
signal [adc counts]

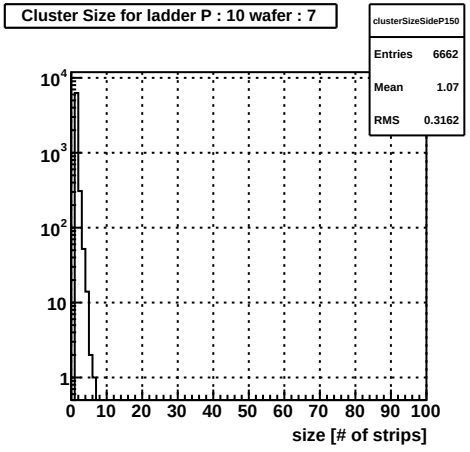

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 7956
Mean 1.066
RMS 0.2812
size [# of strips]

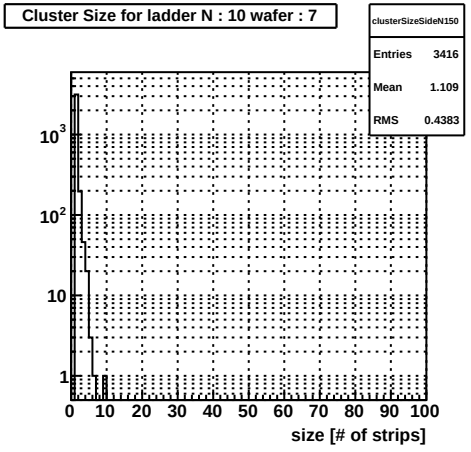

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 4504
Mean 1.175
RMS 0.578
size [# of strips]

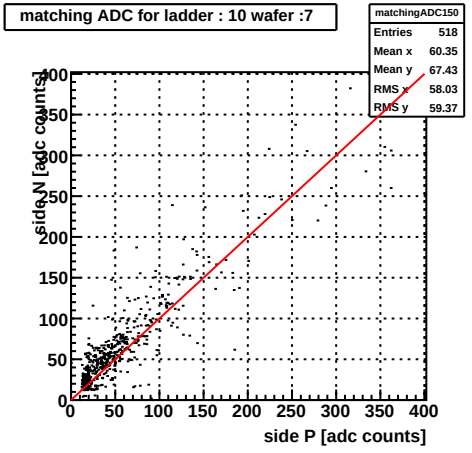

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 716
Mean x 52.07
Mean y 51.83
RMS x 56.98
RMS y 57.31
side N [adc counts]
side P [adc counts]

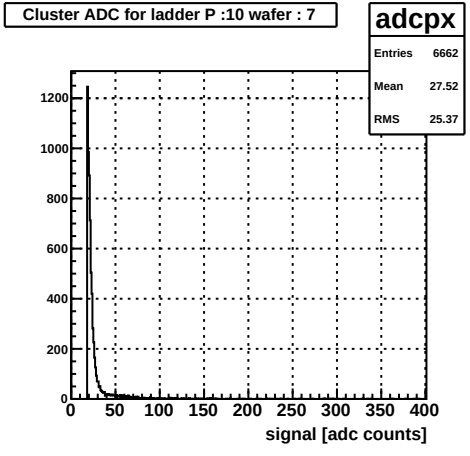

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 7956
Mean 28.12
RMS 22.61
signal [adc counts]

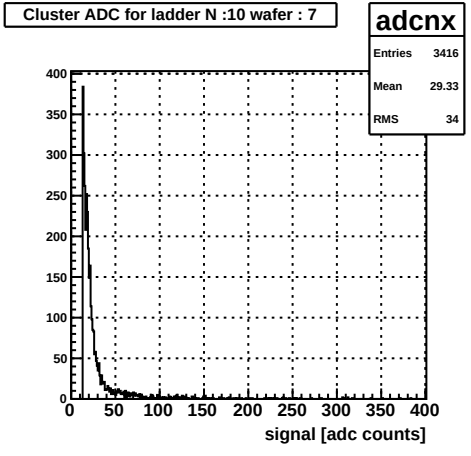

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 4504
Mean 26.99
RMS 33.26
signal [adc counts]

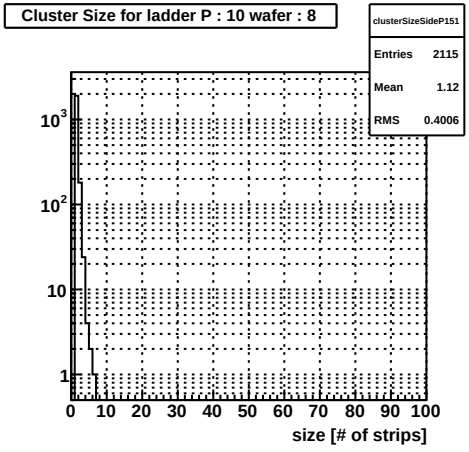

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 6662
Mean 1.07
RMS 0.3162
size [# of strips]

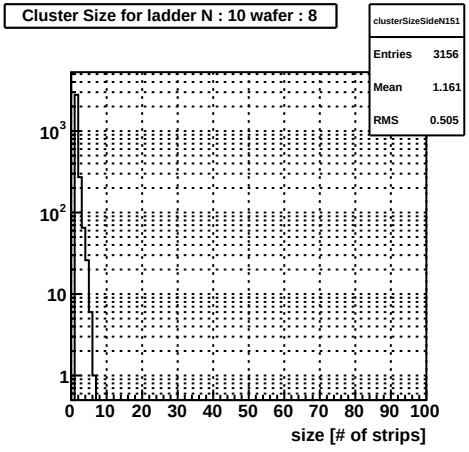

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 3416
Mean 1.109
RMS 0.4383
size [# of strips]

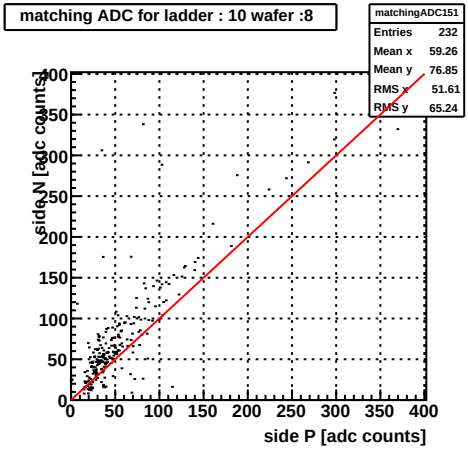

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 518
Mean x 60.35
Mean y 67.43
RMS x 58.03
RMS y 59.37
side N [adc counts]
side P [adc counts]

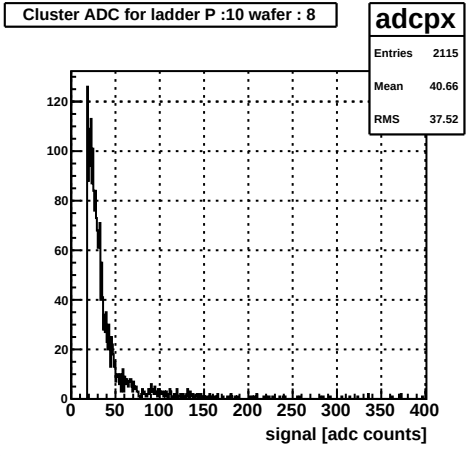

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 6662
Mean 27.52
RMS 25.37
signal [adc counts]

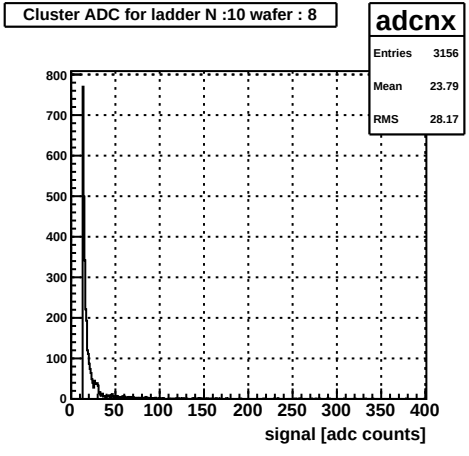

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 3416
Mean 29.33
RMS 34
signal [adc counts]

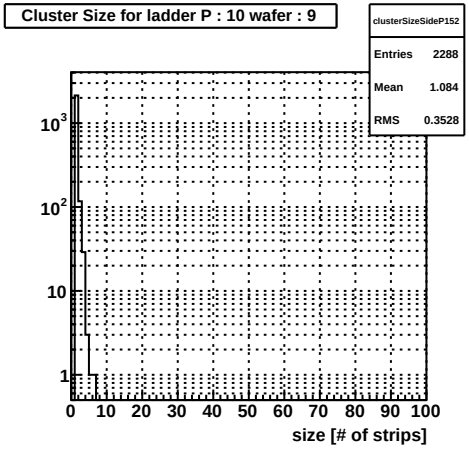

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 2115
Mean 1.12
RMS 0.4006
size [# of strips]

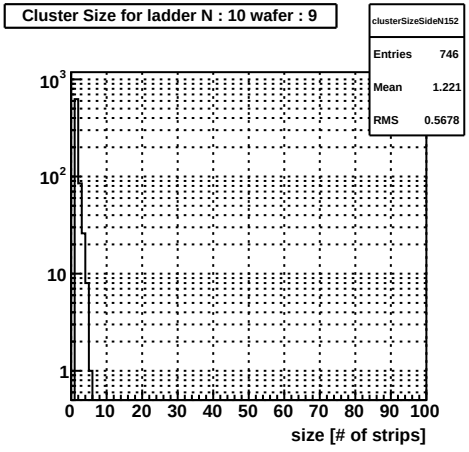

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 3156
Mean 1.161
RMS 0.505
size [# of strips]

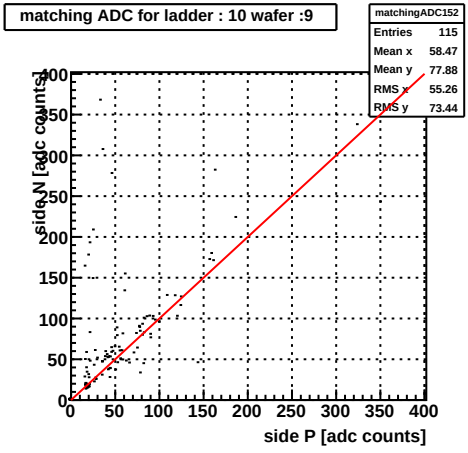

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 232
Mean x 59.26
Mean y 76.85
RMS x 51.61
RMS y 65.24
side N [adc counts]
side P [adc counts]

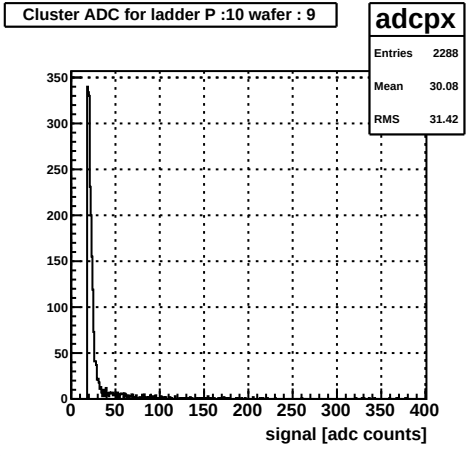

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 2115
Mean 40.66
RMS 37.52
signal [adc counts]

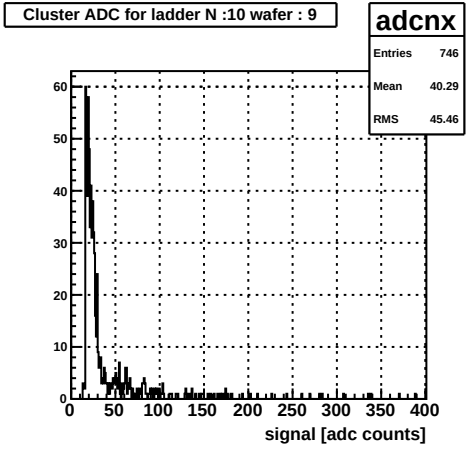

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 3156
Mean 23.79
RMS 28.17
signal [adc counts]

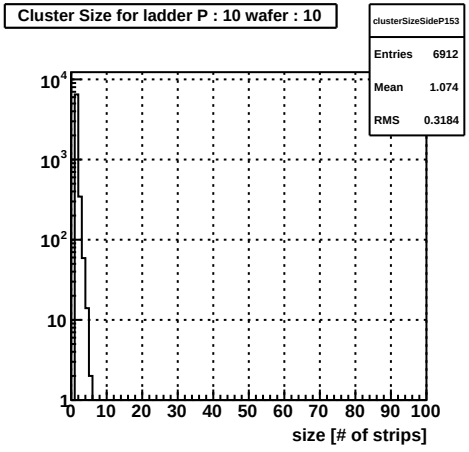

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 2288
Mean 1.084
RMS 0.3528
size [# of strips]

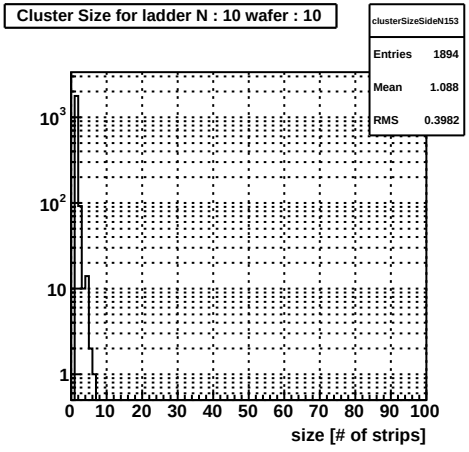

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 746
Mean 1.221
RMS 0.5678
size [# of strips]

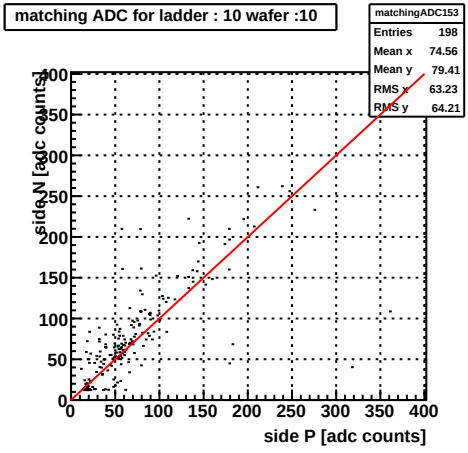

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 115
Mean x 58.47
Mean y 77.88
RMS x 55.26
RMS y 73.44
side N [adc counts]
side P [adc counts]

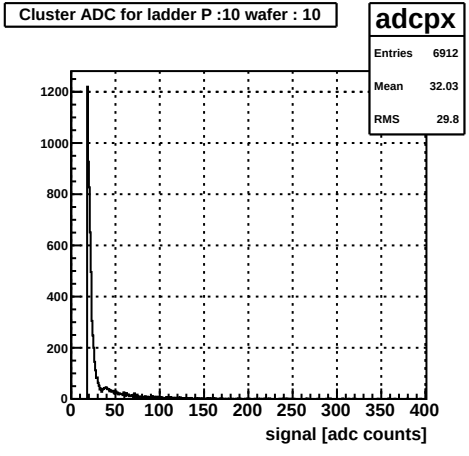

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 2288
Mean 30.08
RMS 31.42
signal [adc counts]

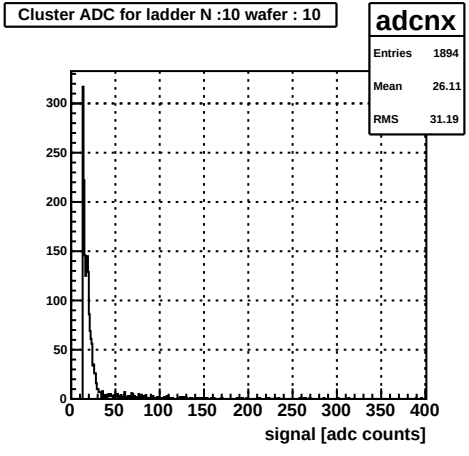

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 746
Mean 40.29
RMS 45.46
signal [adc counts]

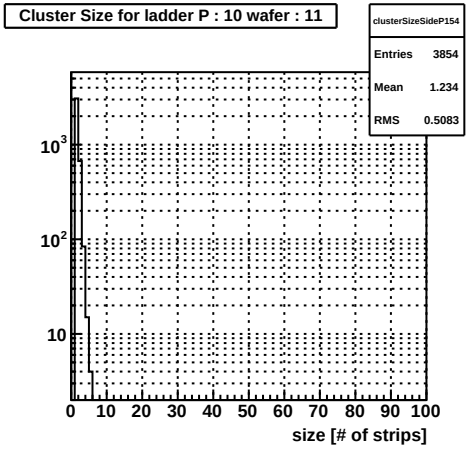

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 6912
Mean 1.074
RMS 0.3184
size [# of strips]

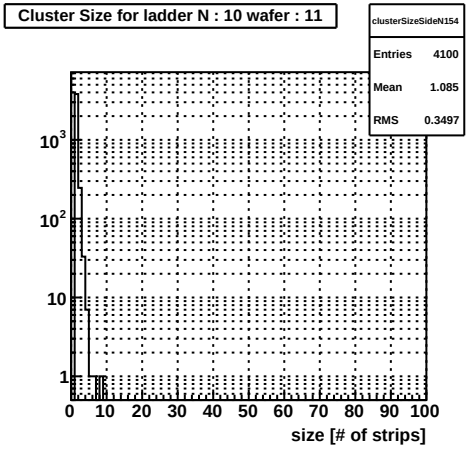

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 1894
Mean 1.088
RMS 0.3982
size [# of strips]

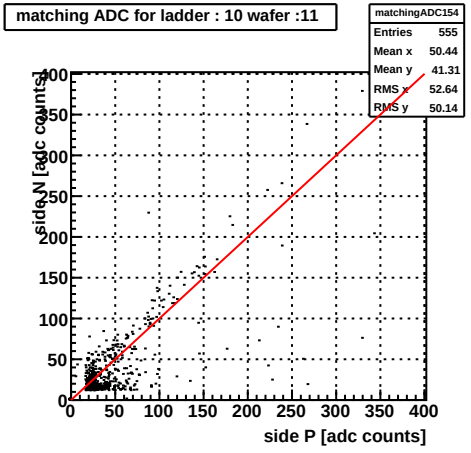

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 198
Mean x 74.56
Mean y 79.41
RMS x 63.23
RMS y 64.21
side N [adc counts]
side P [adc counts]

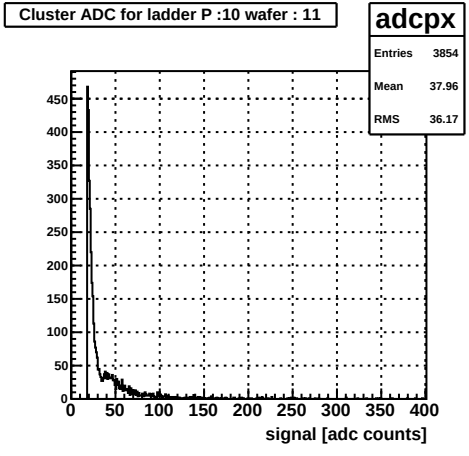

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 6912
Mean 32.03
RMS 29.8
signal [adc counts]

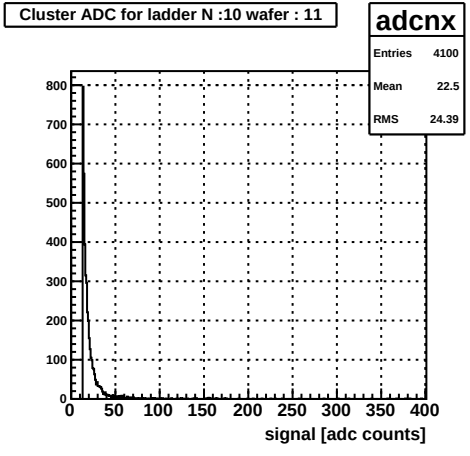

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 1894
Mean 26.11
RMS 31.19
signal [adc counts]

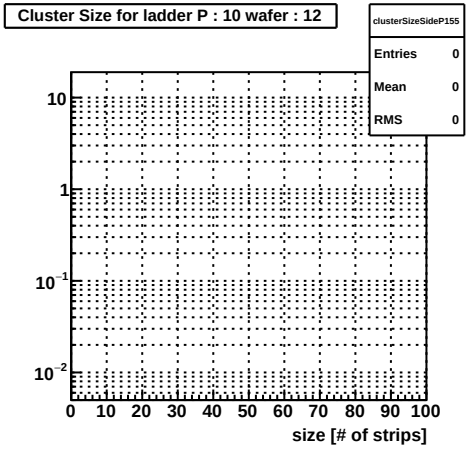

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 3854
Mean 1.234
RMS 0.5083
size [# of strips]

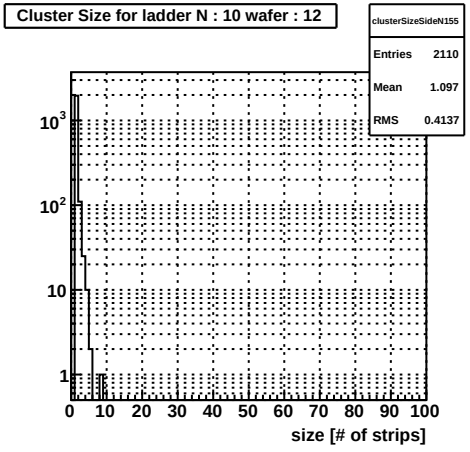

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 4100
Mean 1.085
RMS 0.3497
size [# of strips]

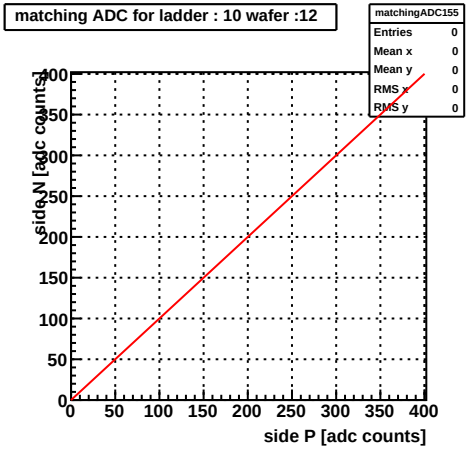

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 555
Mean x 50.44
Mean y 41.31
RMS x 52.64
RMS y 50.14
side N [adc counts]
side P [adc counts]

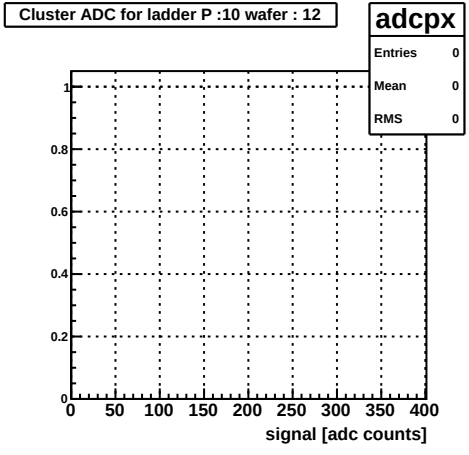

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 3854
Mean 37.96
RMS 36.17
signal [adc counts]

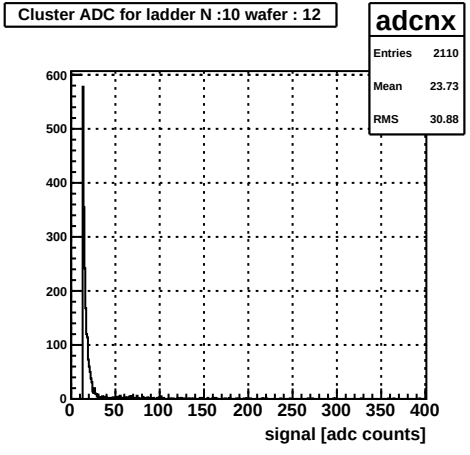

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 4100
Mean 22.5
RMS 24.39
signal [adc counts]

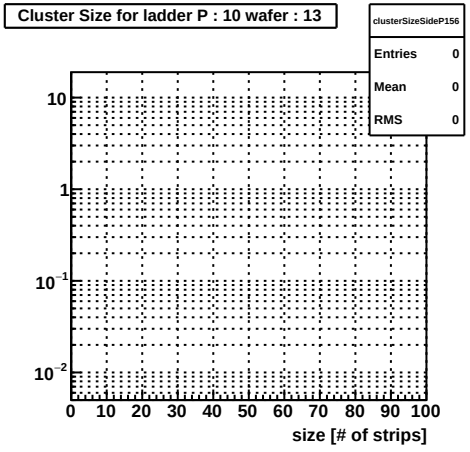

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

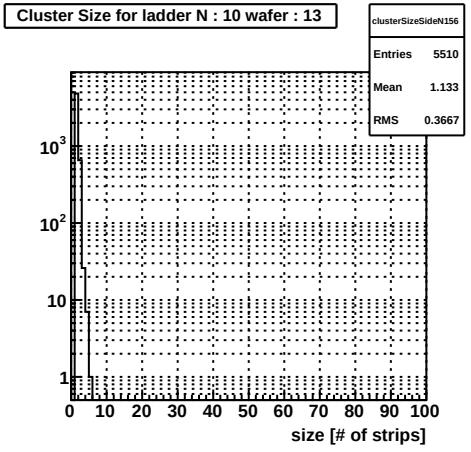

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 2110
Mean 1.097
RMS 0.4137
size [# of strips]

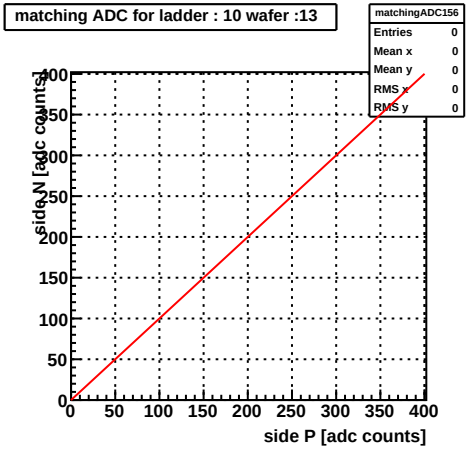

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

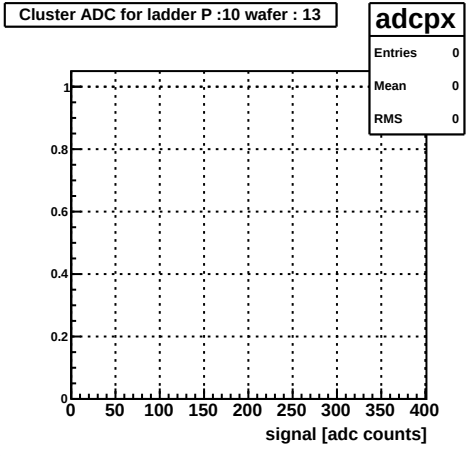

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

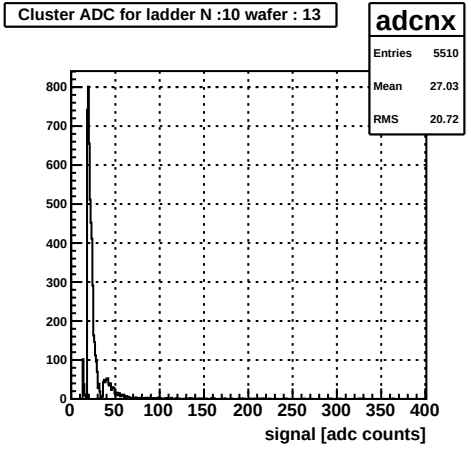

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 2110
Mean 23.73
RMS 30.88
signal [adc counts]

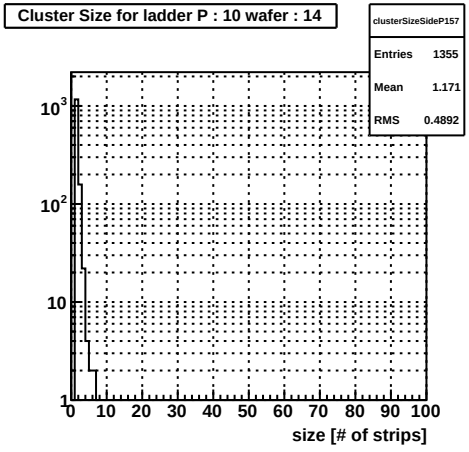

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

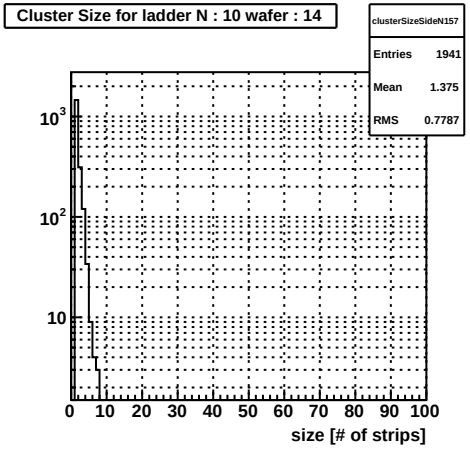

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 5510
Mean 1.133
RMS 0.3667
size [# of strips]

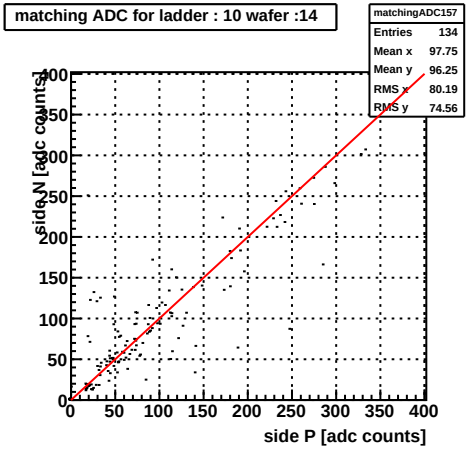

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

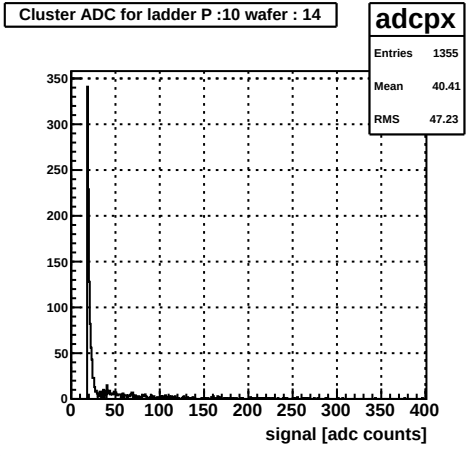

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

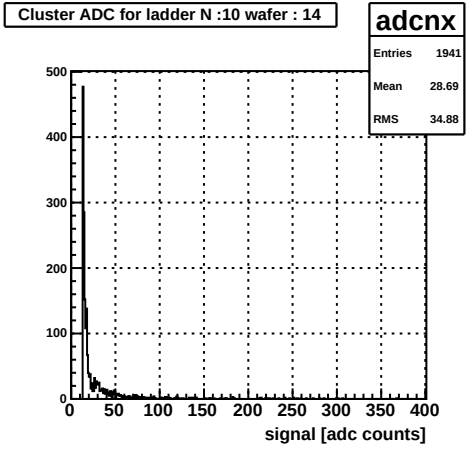

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 5510
Mean 27.03
RMS 20.72
signal [adc counts]

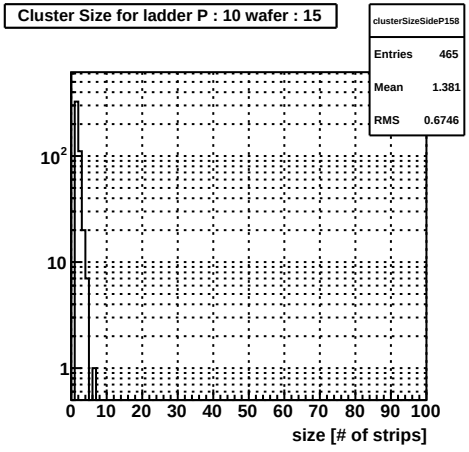

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 1355
Mean 1.171
RMS 0.4892
size [# of strips]

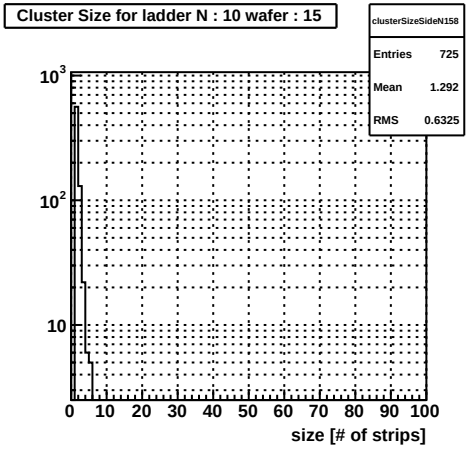

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 1941
Mean 1.375
RMS 0.7787
size [# of strips]

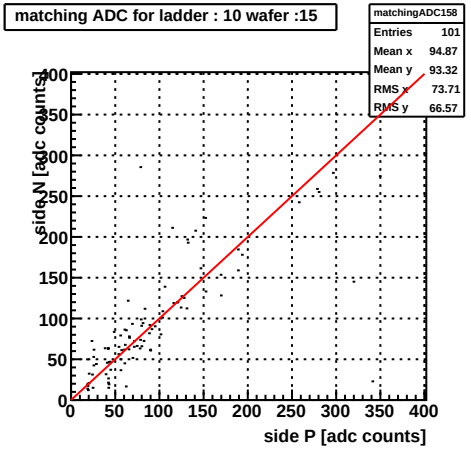

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 134
Mean x 97.75
Mean y 96.25
RMS x 80.19
RMS y 74.56
side N [adc counts]
side P [adc counts]

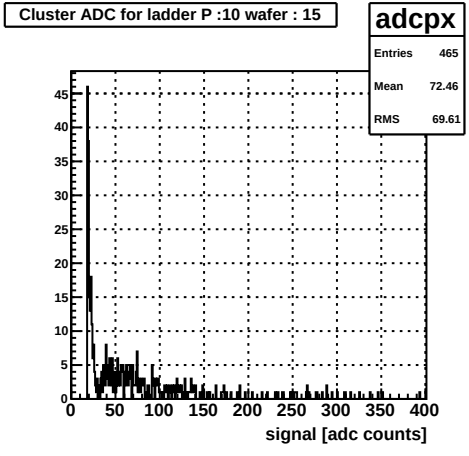

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 1355
Mean 40.41
RMS 47.23
signal [adc counts]

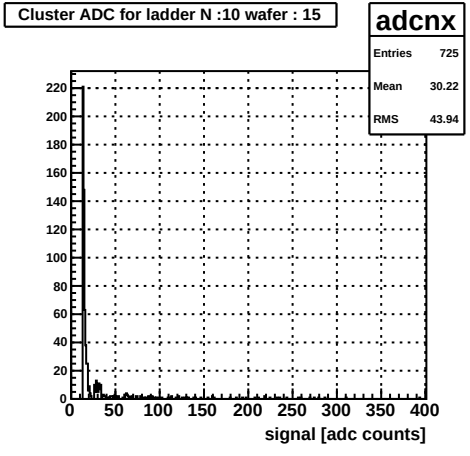

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 1941
Mean 28.69
RMS 34.88
signal [adc counts]

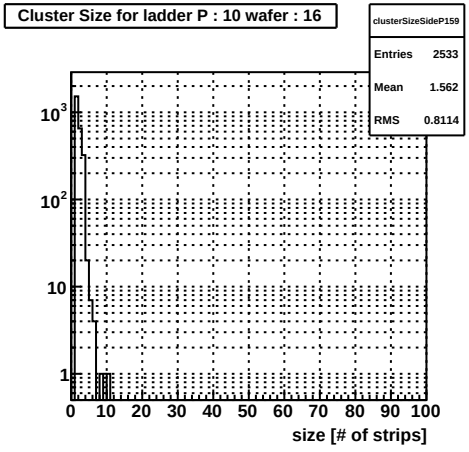

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 465
Mean 1.381
RMS 0.6746
size [# of strips]

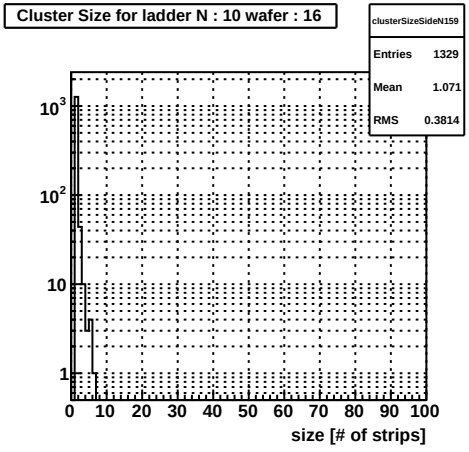

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 725
Mean 1.292
RMS 0.6325
size [# of strips]

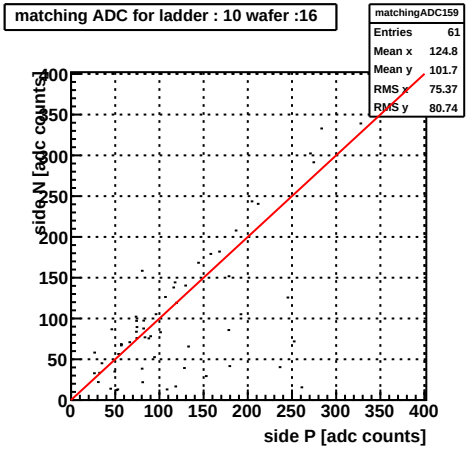

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 101
Mean x 94.87
Mean y 93.32
RMS x 73.71
RMS y 66.57
side N [adc counts]
side P [adc counts]

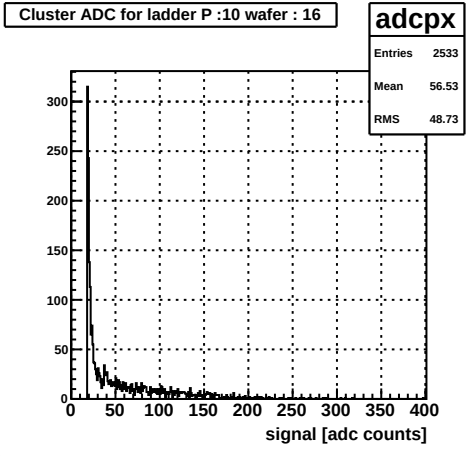

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 465
Mean 72.46
RMS 69.61
signal [adc counts]

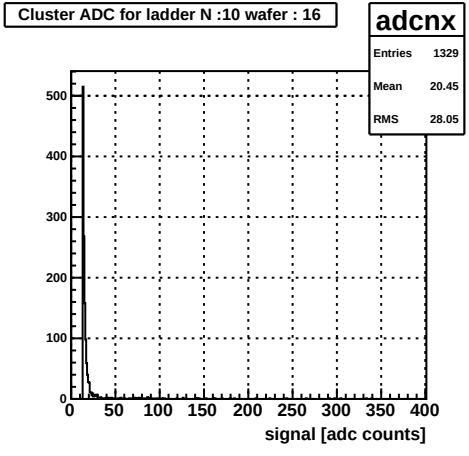

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 725
Mean 30.22
RMS 43.94
signal [adc counts]

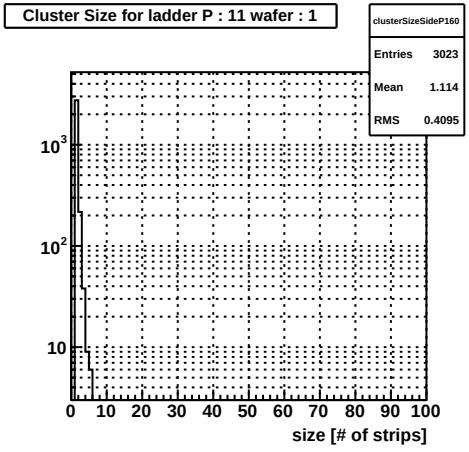

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 2533
Mean 1.562
RMS 0.8114
size [# of strips]

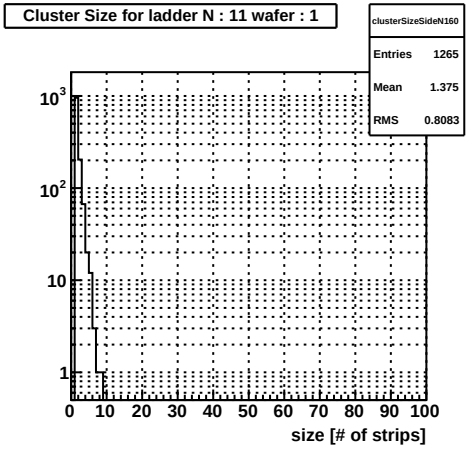

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 1329
Mean 1.071
RMS 0.3814
size [# of strips]

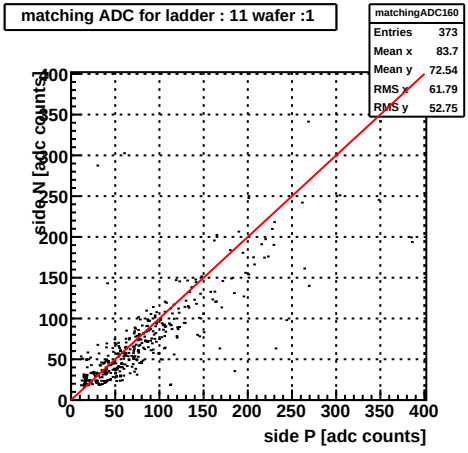

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 61
Mean x 124.8
Mean y 101.7
RMS x 75.37
RMS y 80.74
side N [adc counts]
side P [adc counts]

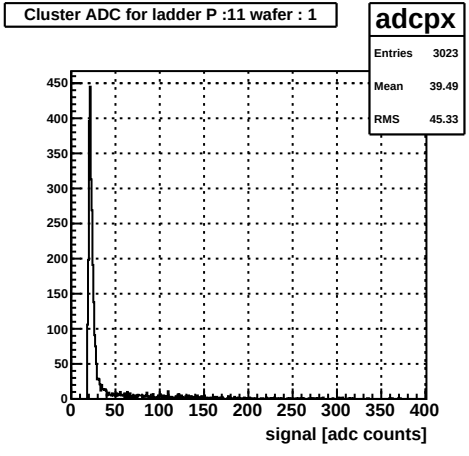

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 2533
Mean 56.53
RMS 48.73
signal [adc counts]

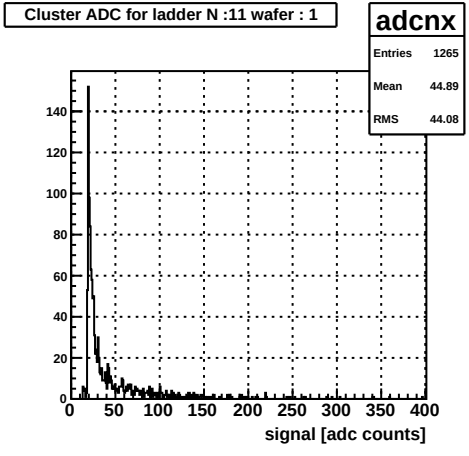

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 1329
Mean 20.45
RMS 28.05
signal [adc counts]

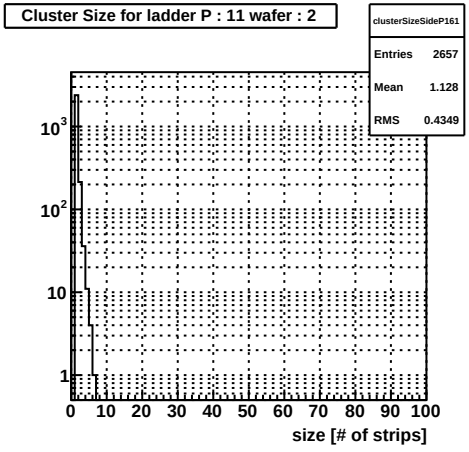

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 3023
Mean 1.114
RMS 0.4095
size [# of strips]

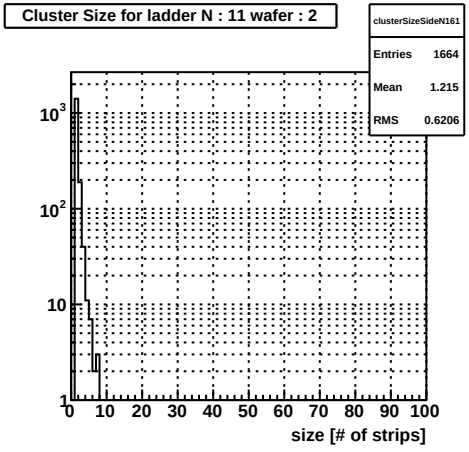

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1265
Mean 1.375
RMS 0.8083
size [# of strips]

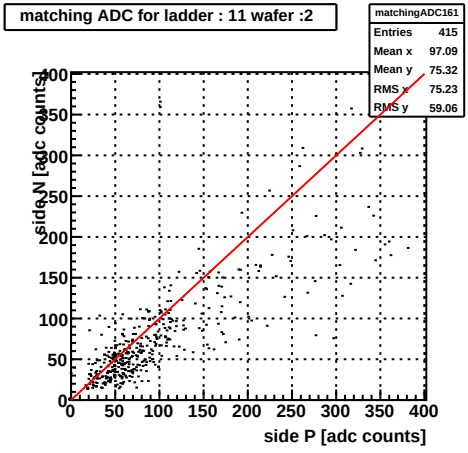

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 373
Mean x 83.7
Mean y 72.54
RMS x 61.79
RMS y 52.75
side N [adc counts]
side P [adc counts]

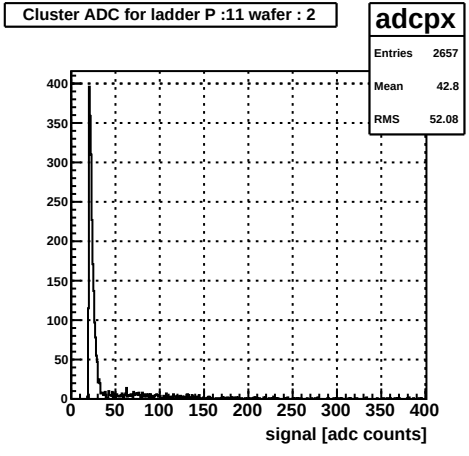

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 3023
Mean 39.49
RMS 45.33
signal [adc counts]

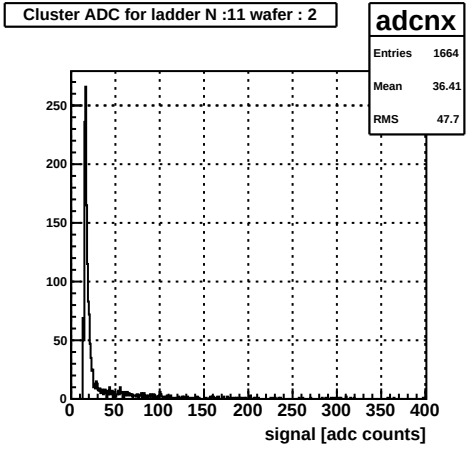

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1265
Mean 44.89
RMS 44.08
signal [adc counts]

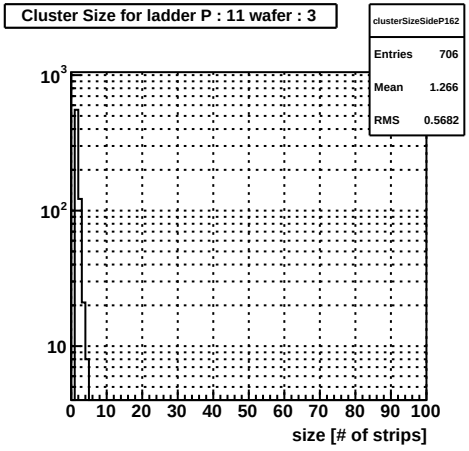

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 2657
Mean 1.128
RMS 0.4349
size [# of strips]

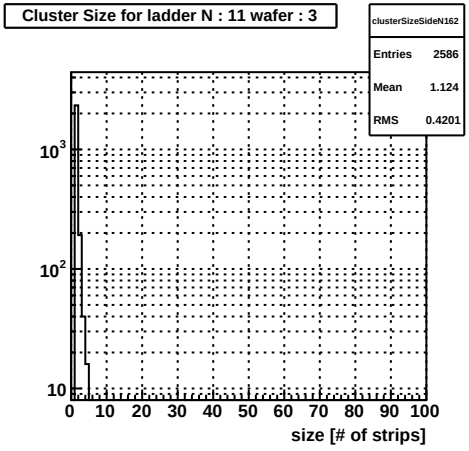

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 1664
Mean 1.215
RMS 0.6206
size [# of strips]

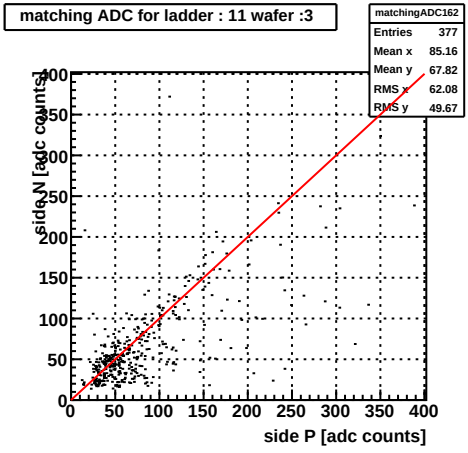

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 415
Mean x 97.09
Mean y 75.32
RMS x 75.23
RMS y 59.06
side N [adc counts]
side P [adc counts]

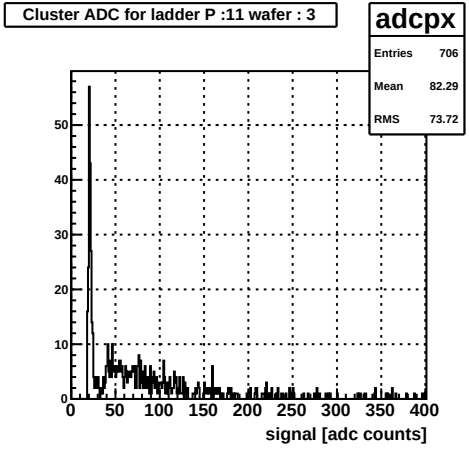

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 2657
Mean 42.8
RMS 52.08
signal [adc counts]

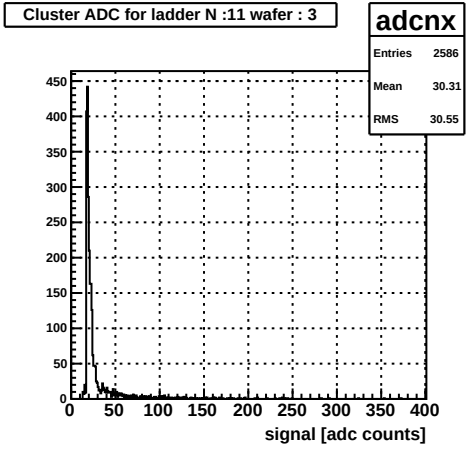

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 1664
Mean 36.41
RMS 47.7
signal [adc counts]

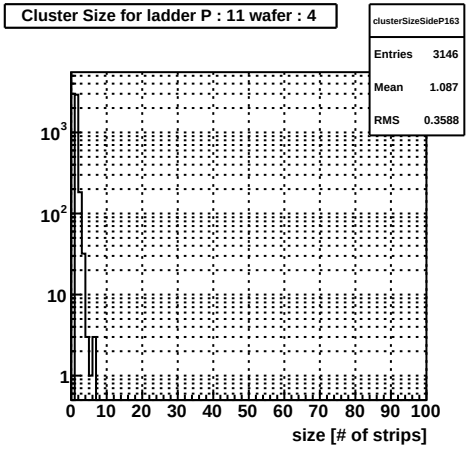

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 706
Mean 1.266
RMS 0.5682
size [# of strips]

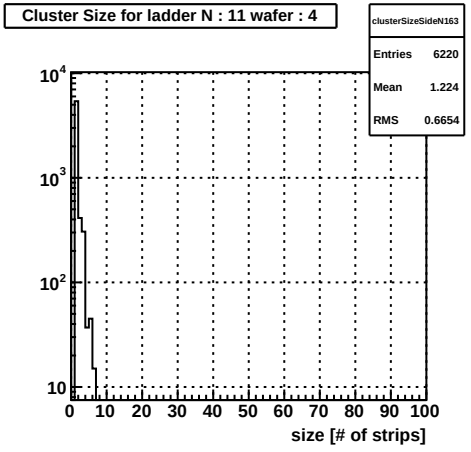

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 2586
Mean 1.124
RMS 0.4201
size [# of strips]

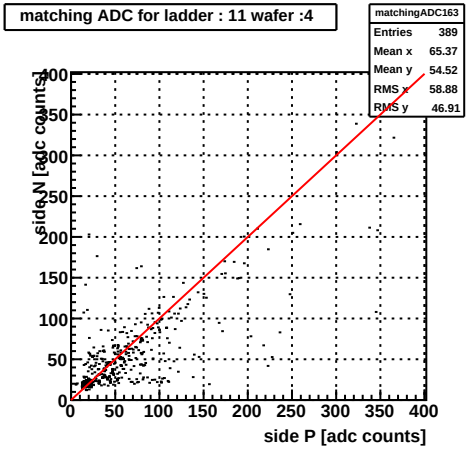

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 377
Mean x 85.16
Mean y 67.82
RMS x 62.08
RMS y 49.67
side N [adc counts]
side P [adc counts]

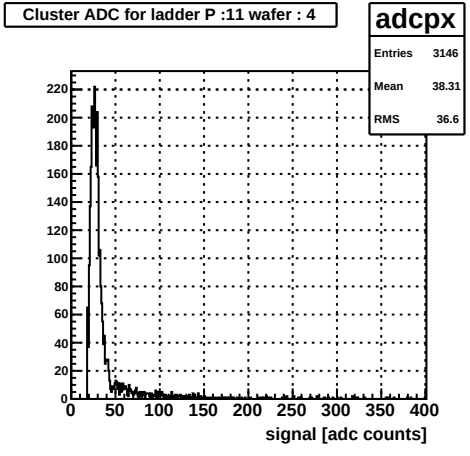

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 706
Mean 82.29
RMS 73.72
signal [adc counts]

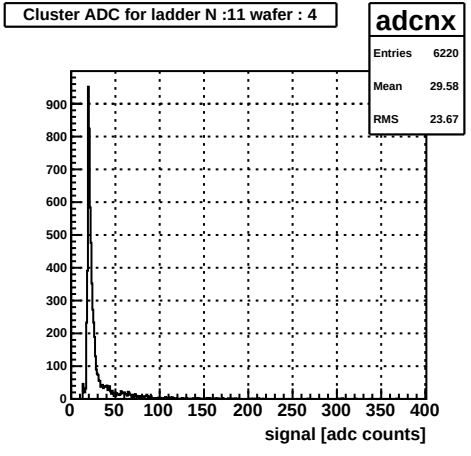

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 2586
Mean 30.31
RMS 30.55
signal [adc counts]

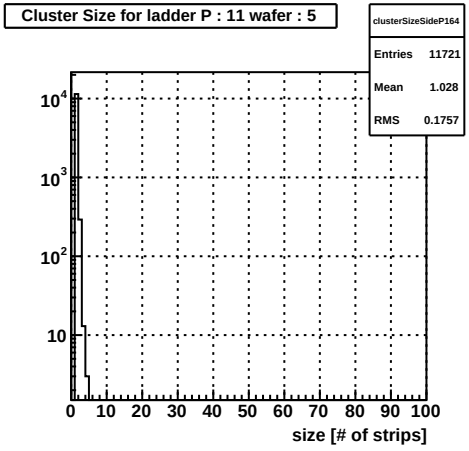

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 3146
Mean 1.087
RMS 0.3588
size [# of strips]

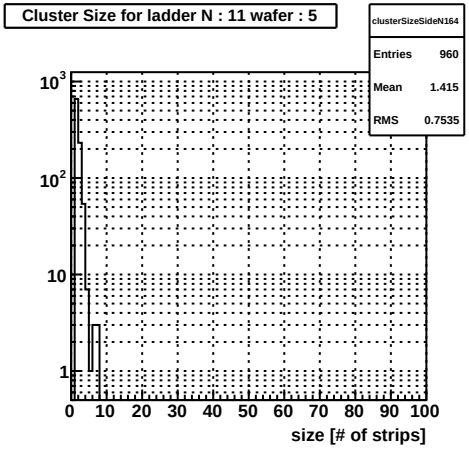

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 6220
Mean 1.224
RMS 0.6654
size [# of strips]

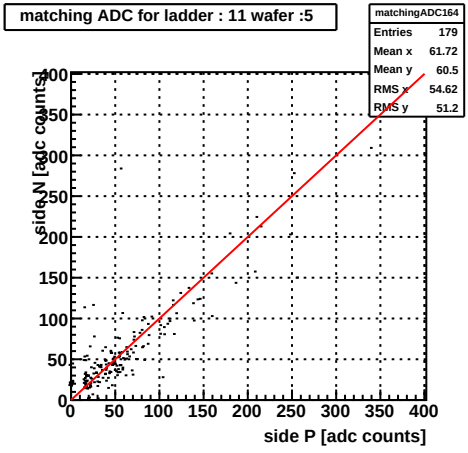

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 389
Mean x 65.37
Mean y 54.52
RMS x 58.88
RMS y 46.91
side N [adc counts]
side P [adc counts]

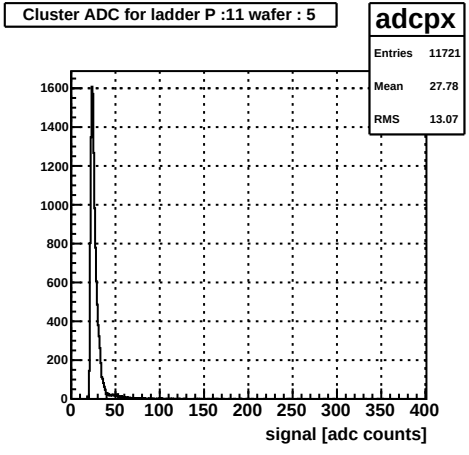

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 3146
Mean 38.31
RMS 36.6
signal [adc counts]

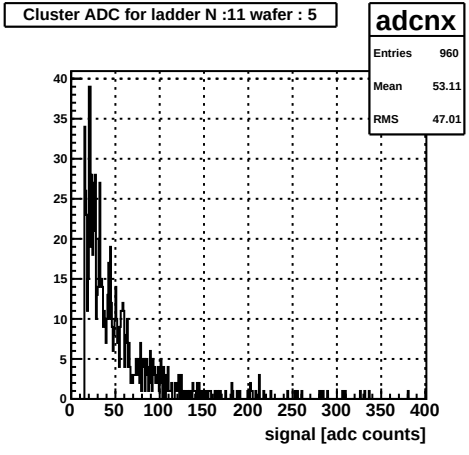

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 6220
Mean 29.58
RMS 23.67
signal [adc counts]

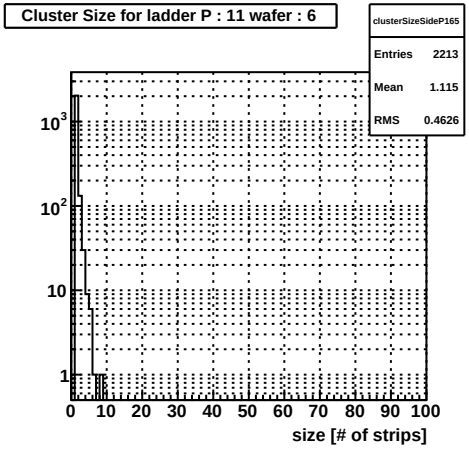

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 11721
Mean 1.028
RMS 0.1757
size [# of strips]

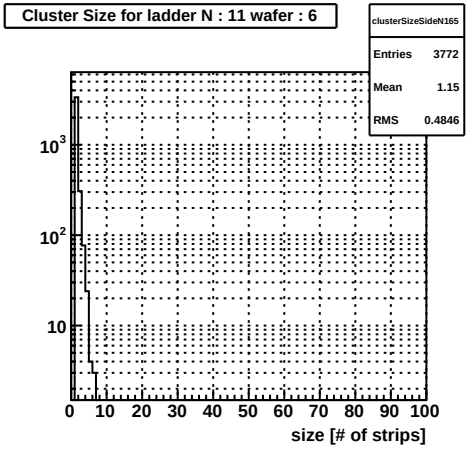

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 960
Mean 1.415
RMS 0.7535
size [# of strips]

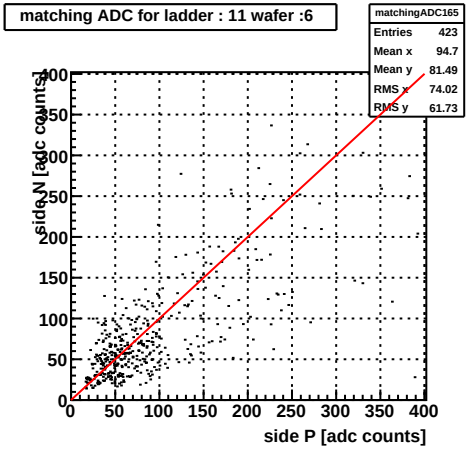

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 179
Mean x 61.72
Mean y 60.5
RMS x 54.62
RMS y 51.2
side N [adc counts]
side P [adc counts]

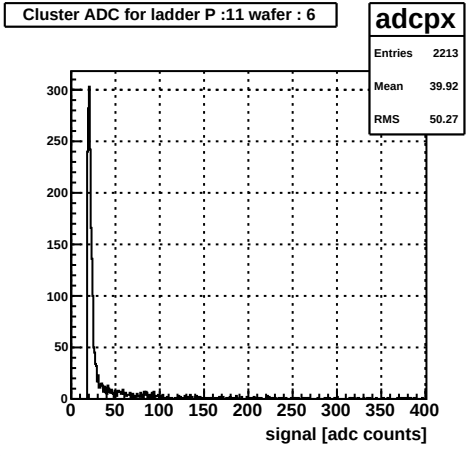

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 11721
Mean 27.78
RMS 13.07
signal [adc counts]

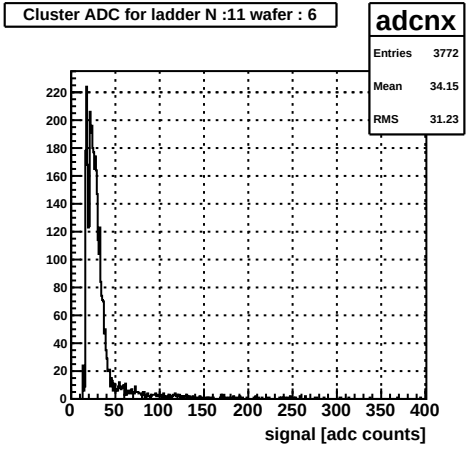

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 960
Mean 53.11
RMS 47.01
signal [adc counts]

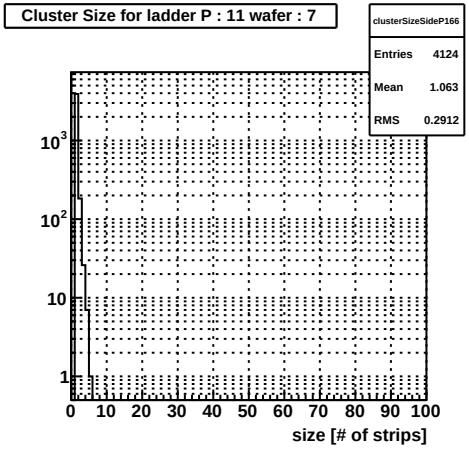

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 2213
Mean 1.115
RMS 0.4626
size [# of strips]

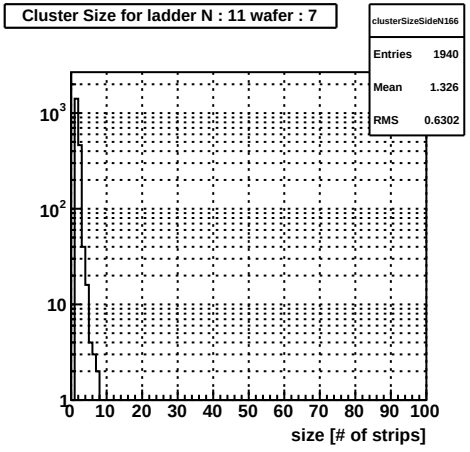

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 3772
Mean 1.15
RMS 0.4846
size [# of strips]

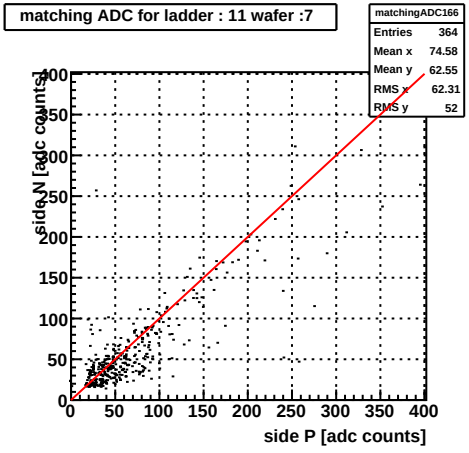

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 423
Mean x 94.7
Mean y 81.49
RMS x 74.02
RMS y 61.73
side N [adc counts]
side P [adc counts]

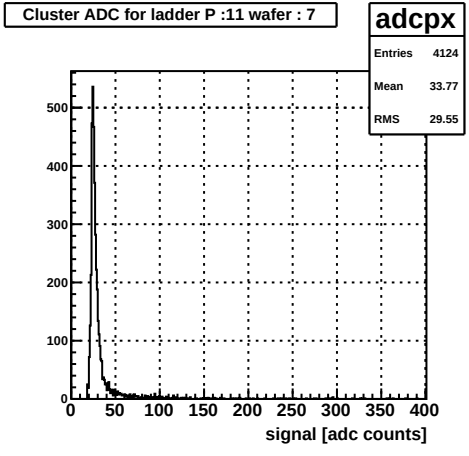

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 2213
Mean 39.92
RMS 50.27
signal [adc counts]

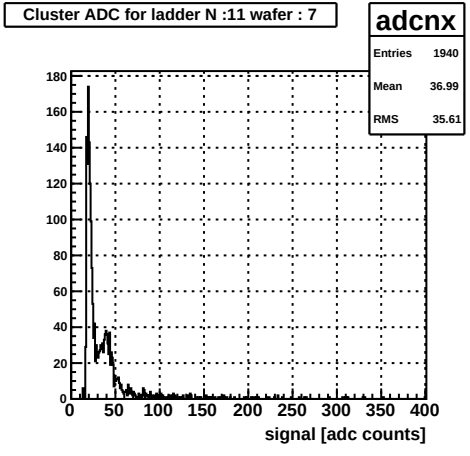

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 3772
Mean 34.15
RMS 31.23
signal [adc counts]

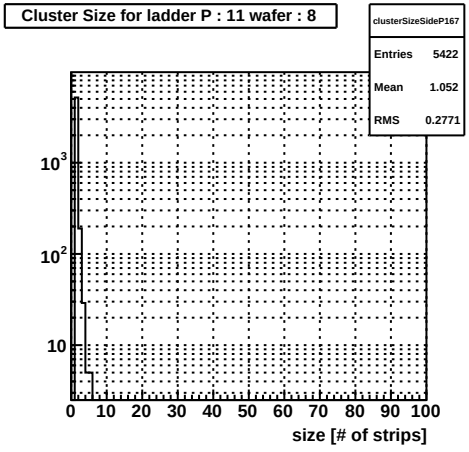

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 4124
Mean 1.063
RMS 0.2912
size [# of strips]

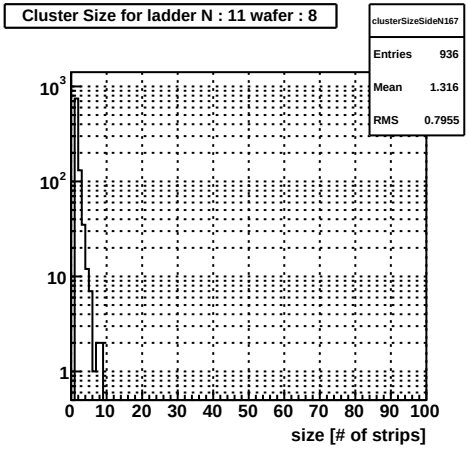

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 1940
Mean 1.326
RMS 0.6302
size [# of strips]

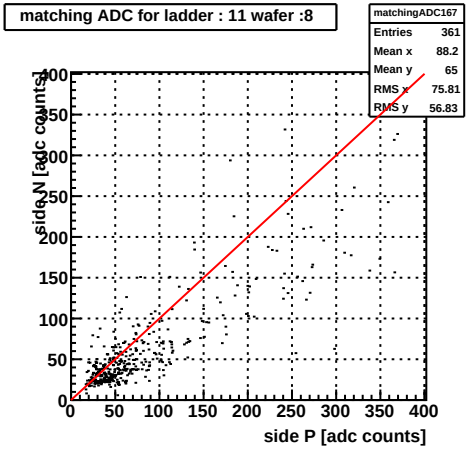

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 364
Mean x 74.58
Mean y 62.55
RMS x 62.31
RMS y 52
side N [adc counts]
side P [adc counts]

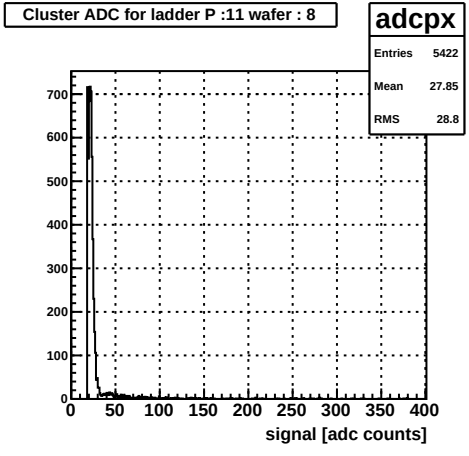

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 4124
Mean 33.77
RMS 29.55
signal [adc counts]

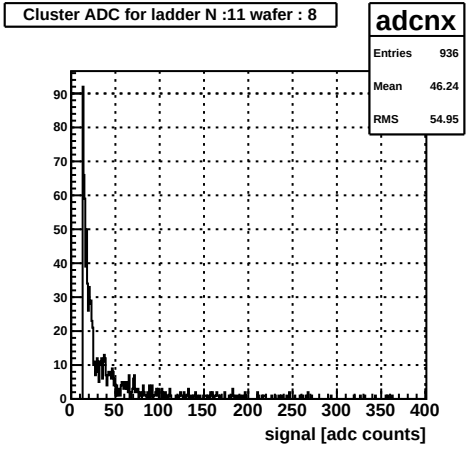

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 1940
Mean 36.99
RMS 35.61
signal [adc counts]

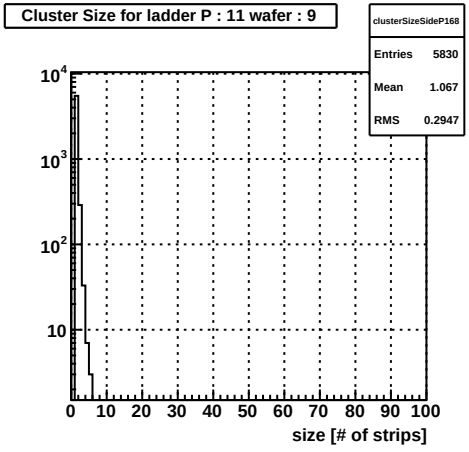

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 5422
Mean 1.052
RMS 0.2771
size [# of strips]

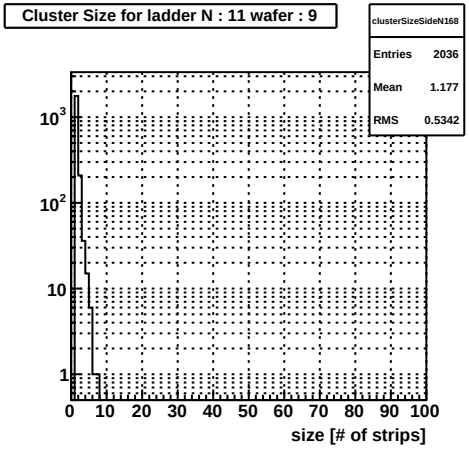

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 936
Mean 1.316
RMS 0.7955
size [# of strips]

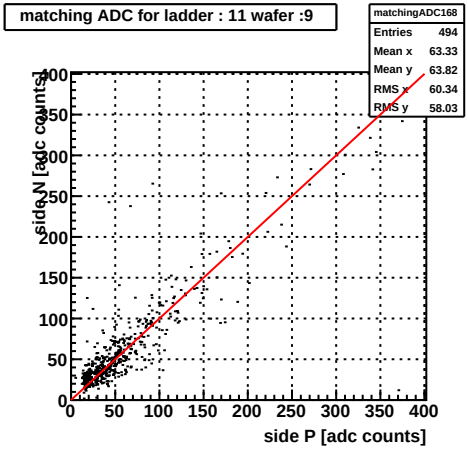

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 361
Mean x 88.2
Mean y 65
RMS x 75.81
RMS y 56.83
side N [adc counts]
side P [adc counts]

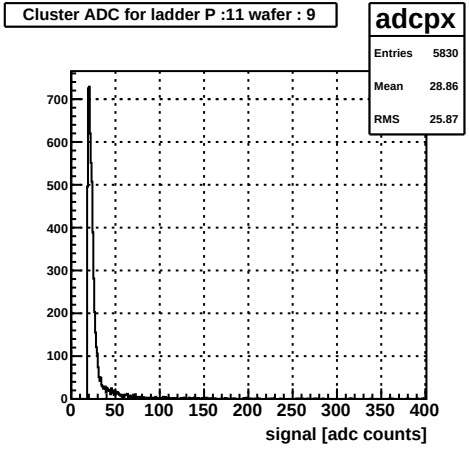

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 5422
Mean 27.85
RMS 28.8
signal [adc counts]

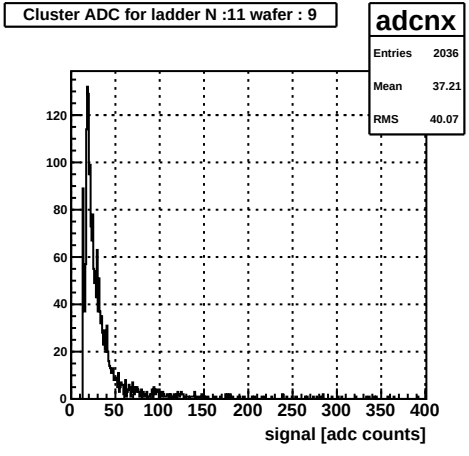

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 936
Mean 46.24
RMS 54.95
signal [adc counts]

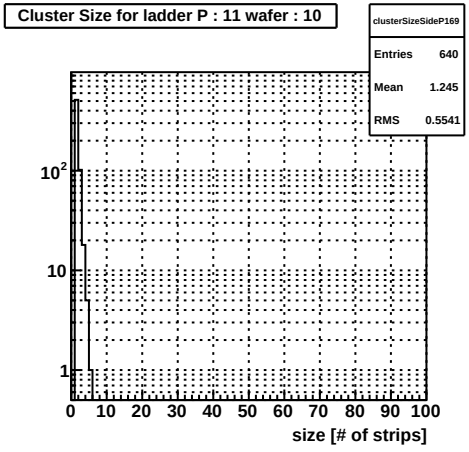

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 5830
Mean 1.067
RMS 0.2947
size [# of strips]

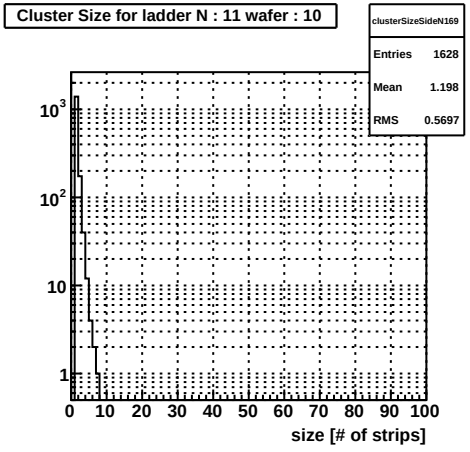

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 2036
Mean 1.177
RMS 0.5342
size [# of strips]

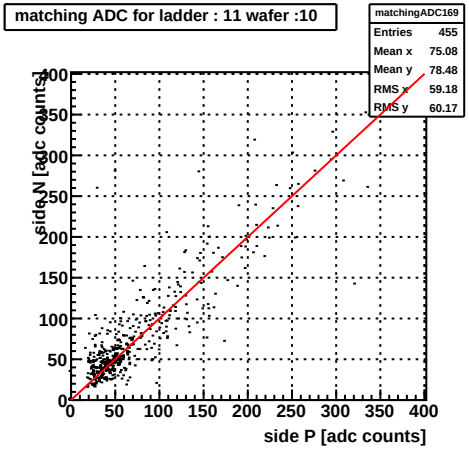

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 494
Mean x 63.33
Mean y 63.82
RMS x 60.34
RMS y 58.03
side N [adc counts]
side P [adc counts]

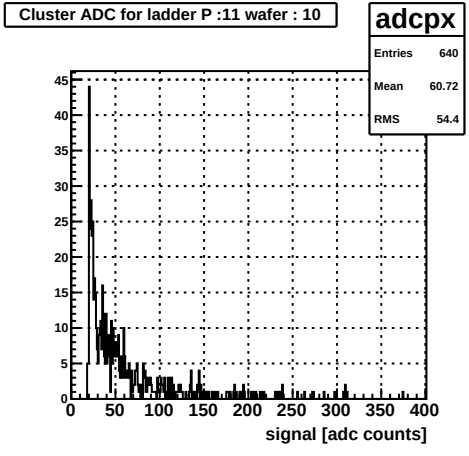

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 5830
Mean 28.86
RMS 25.87
signal [adc counts]

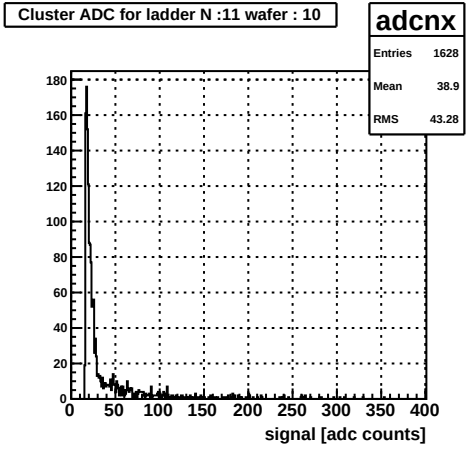

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 2036
Mean 37.21
RMS 40.07
signal [adc counts]

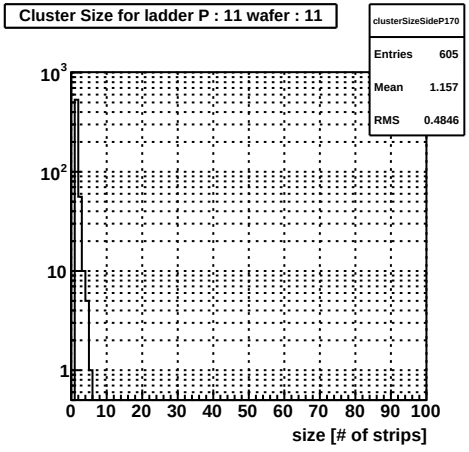

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 640
Mean 1.245
RMS 0.5541
size [# of strips]

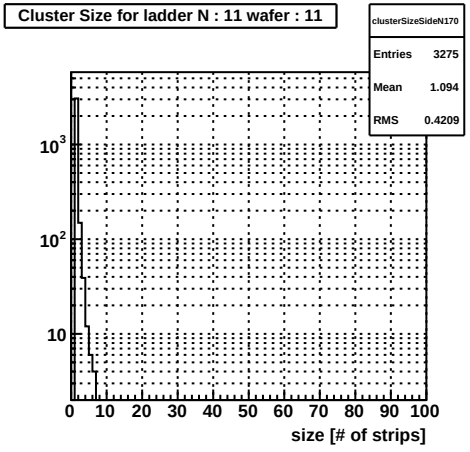

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 1628
Mean 1.198
RMS 0.5697
size [# of strips]

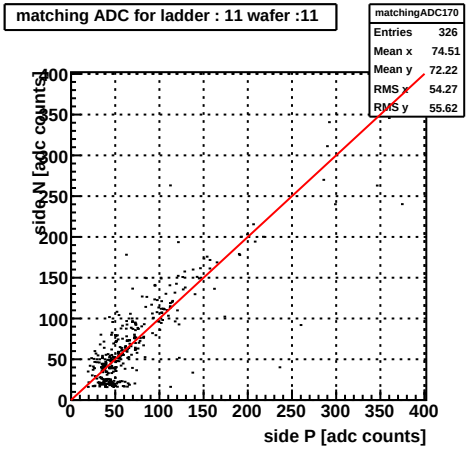

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 455
Mean x 75.08
Mean y 78.48
RMS x 59.18
RMS y 60.17
side N [adc counts]
side P [adc counts]

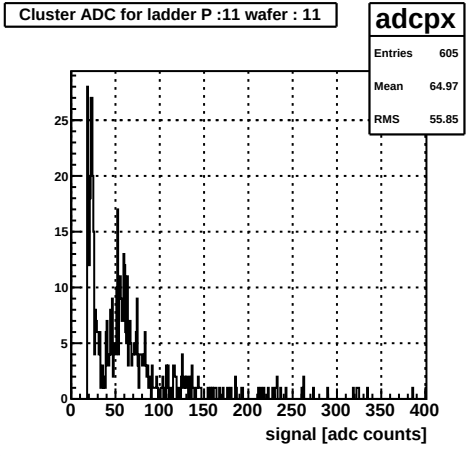

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 640
Mean 60.72
RMS 54.4
signal [adc counts]

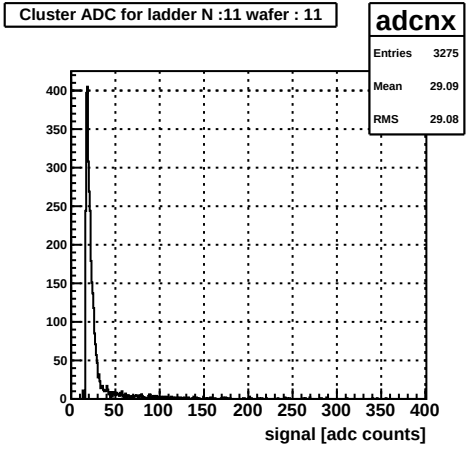

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 1628
Mean 38.9
RMS 43.28
signal [adc counts]

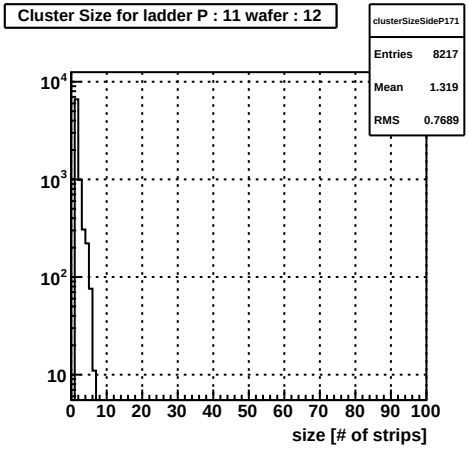

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 605
Mean 1.157
RMS 0.4846
size [# of strips]

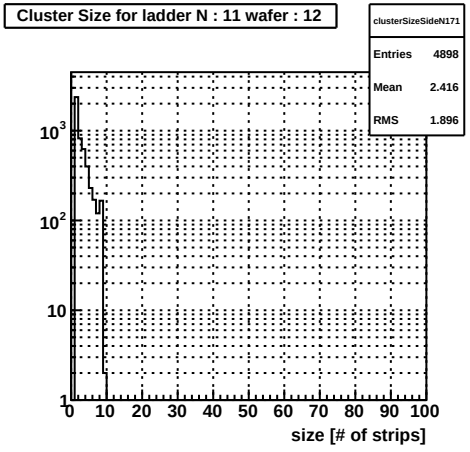

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 3275
Mean 1.094
RMS 0.4209
size [# of strips]

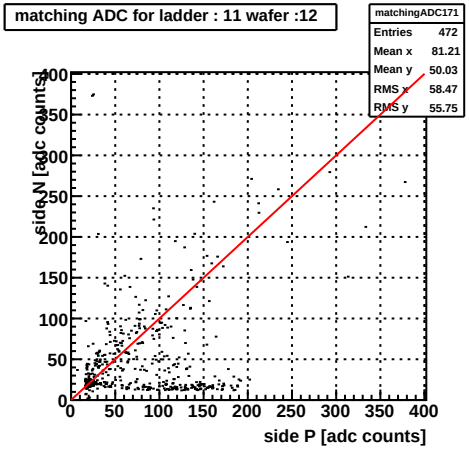

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 326
Mean x 74.51
Mean y 72.22
RMS x 54.27
RMS y 55.62
side N [adc counts]
side P [adc counts]

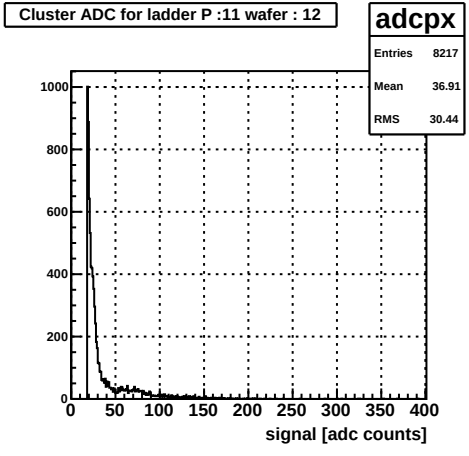

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 605
Mean 64.97
RMS 55.85
signal [adc counts]

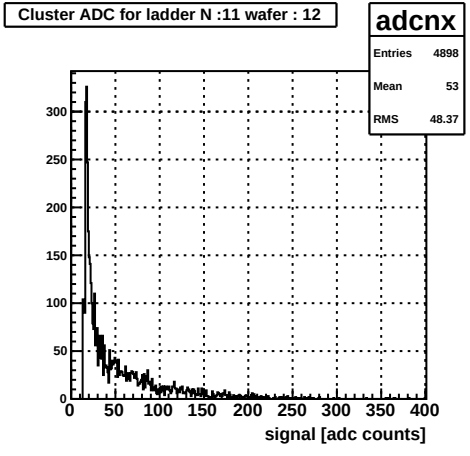

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 3275
Mean 29.09
RMS 29.08
signal [adc counts]

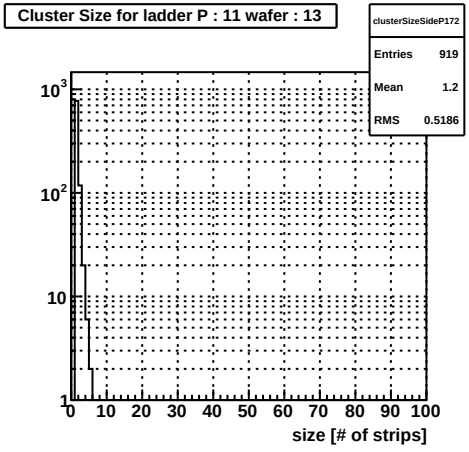

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 8217
Mean 1.319
RMS 0.7689
size [# of strips]

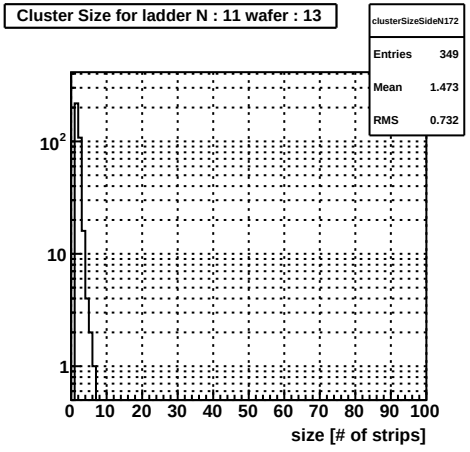

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 4898
Mean 2.416
RMS 1.896
size [# of strips]

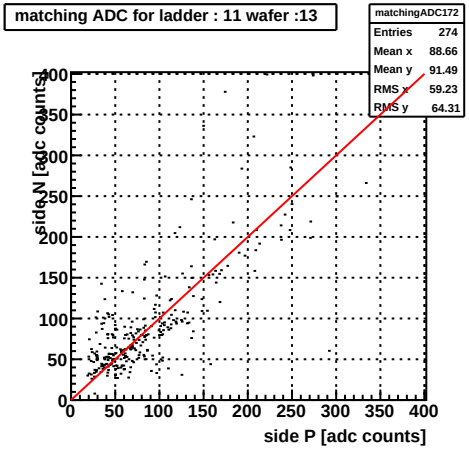

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 472
Mean x 81.21
Mean y 50.03
RMS x 58.47
RMS y 55.75
side N [adc counts]
side P [adc counts]

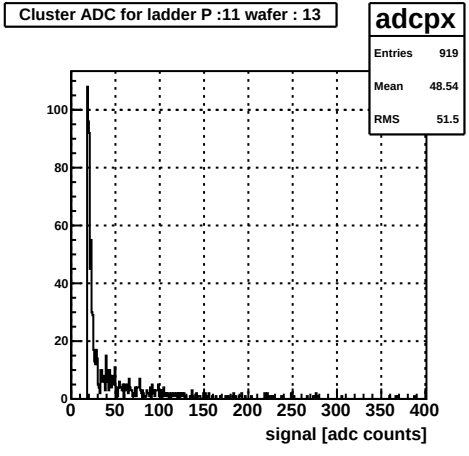

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 8217
Mean 36.91
RMS 30.44
signal [adc counts]

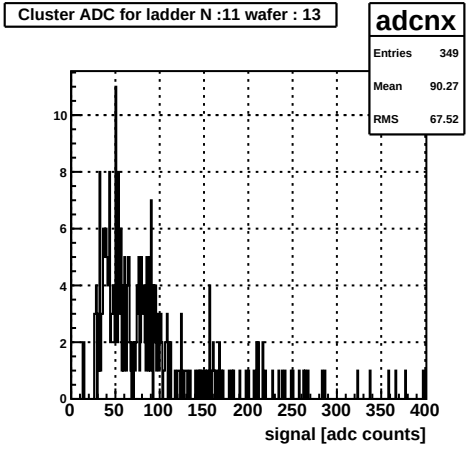

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 4898
Mean 53
RMS 48.37
signal [adc counts]

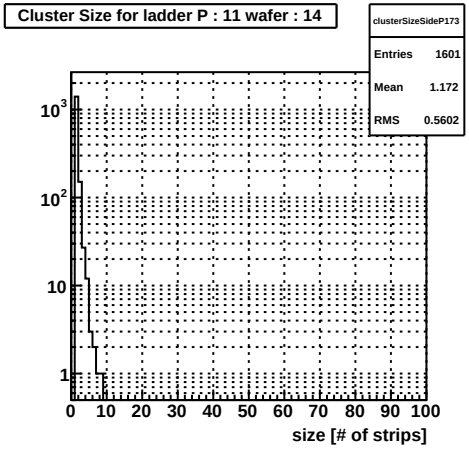

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 919
Mean 1.2
RMS 0.5186
size [# of strips]

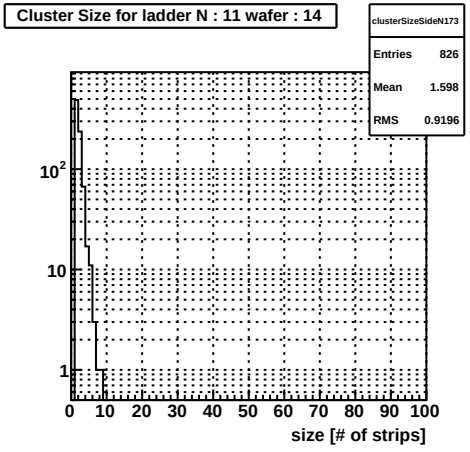

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 349
Mean 1.473
RMS 0.732
size [# of strips]

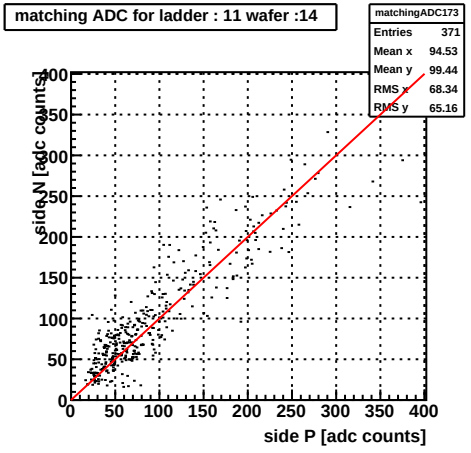

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 274
Mean x 88.66
Mean y 91.49
RMS x 59.23
RMS y 64.31
side N [adc counts]
side P [adc counts]

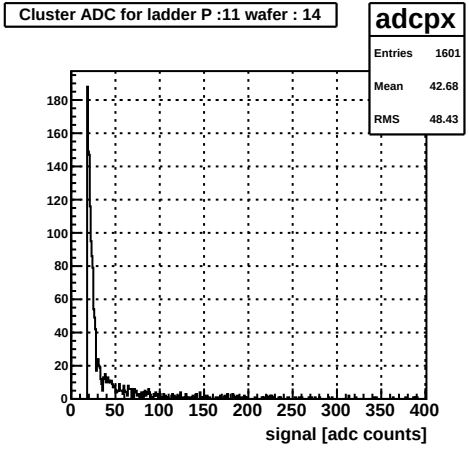

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 919
Mean 48.54
RMS 51.5
signal [adc counts]

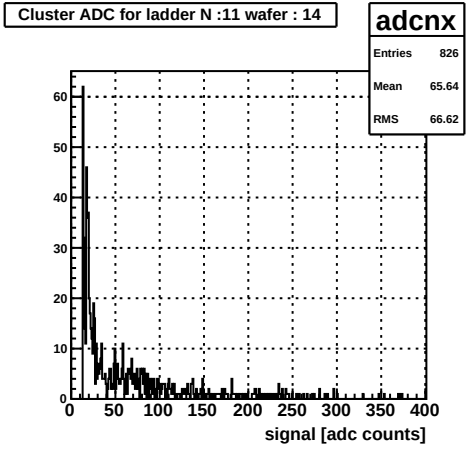

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 349
Mean 90.27
RMS 67.52
signal [adc counts]

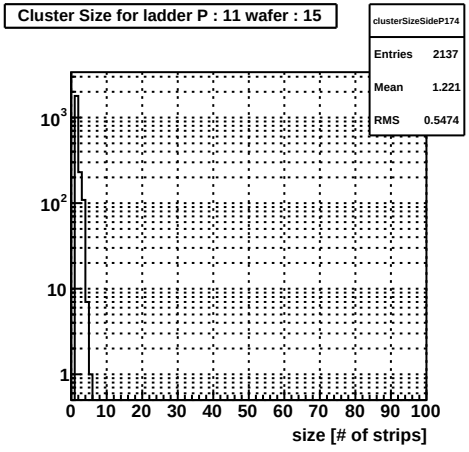

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 1601
Mean 1.172
RMS 0.5602
size [# of strips]

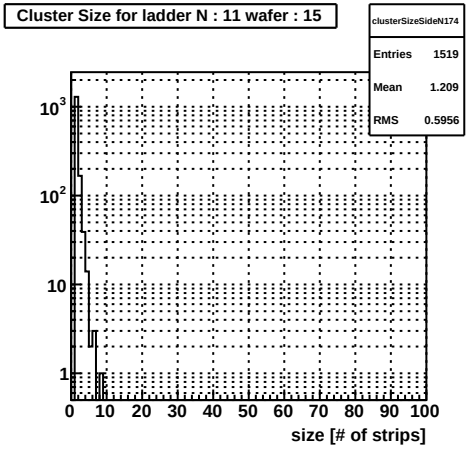

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 826
Mean 1.598
RMS 0.9196
size [# of strips]

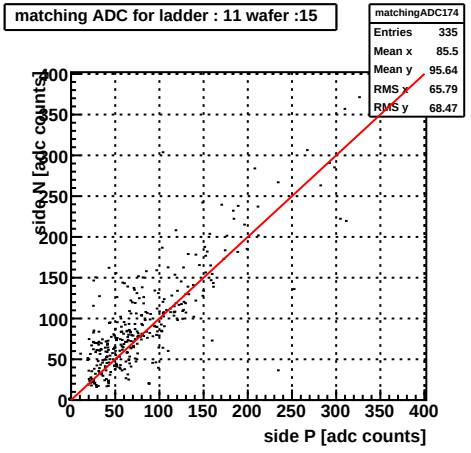

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 371
Mean x 94.53
Mean y 99.44
RMS x 68.34
RMS y 65.16
side N [adc counts]
side P [adc counts]

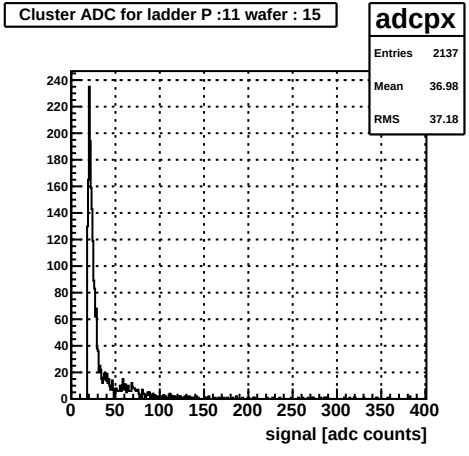

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 1601
Mean 42.68
RMS 48.43
signal [adc counts]

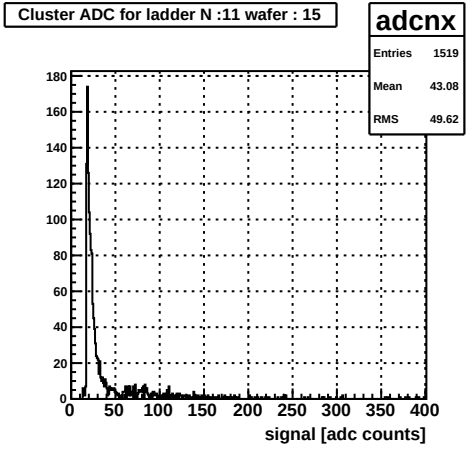

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 826
Mean 65.64
RMS 66.62
signal [adc counts]

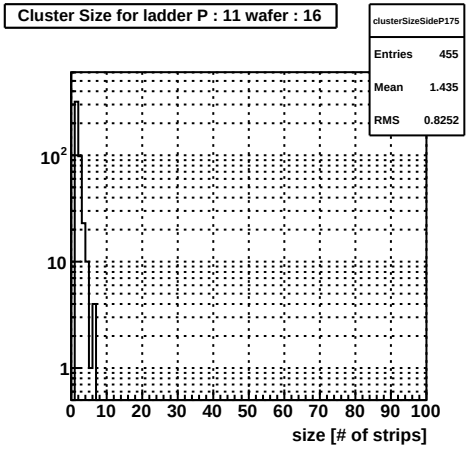

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 2137
Mean 1.221
RMS 0.5474
size [# of strips]

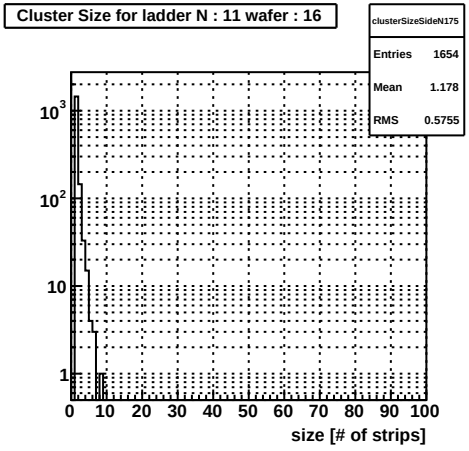

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 1519
Mean 1.209
RMS 0.5956
size [# of strips]

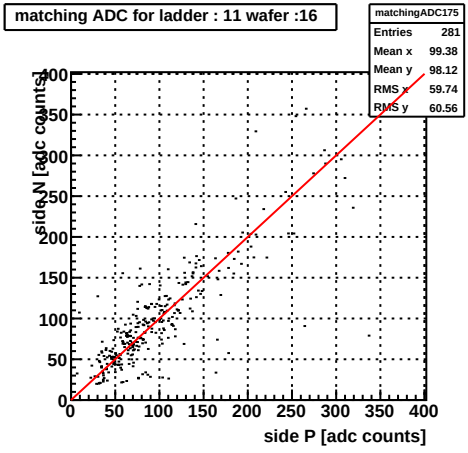

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 335
Mean x 85.5
Mean y 95.64
RMS x 65.79
RMS y 68.47
side N [adc counts]
side P [adc counts]

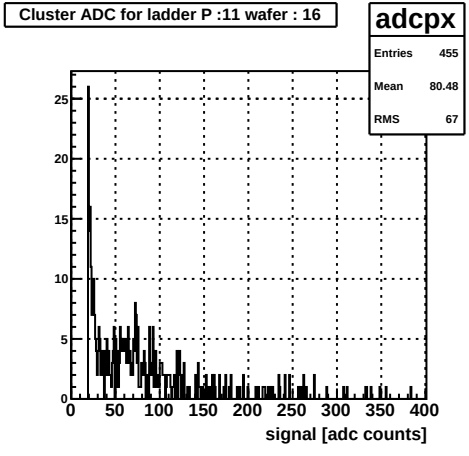

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 2137
Mean 36.98
RMS 37.18
signal [adc counts]

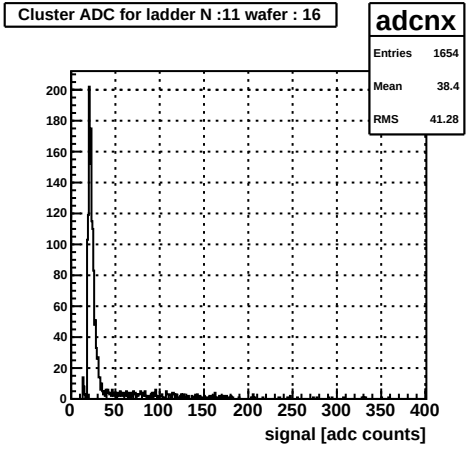

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 1519
Mean 43.08
RMS 49.62
signal [adc counts]

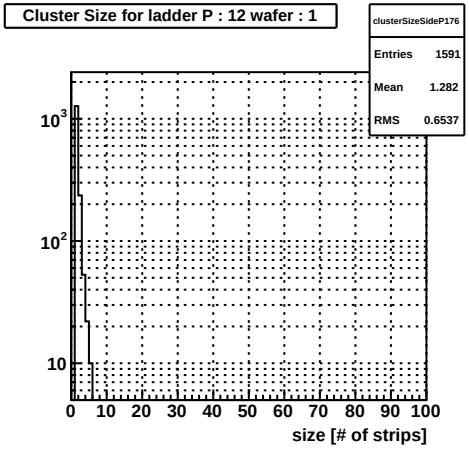

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 455
Mean 1.435
RMS 0.8252
size [# of strips]

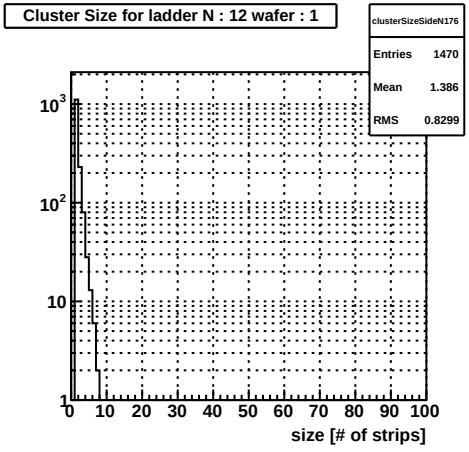

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 1654
Mean 1.178
RMS 0.5755
size [# of strips]

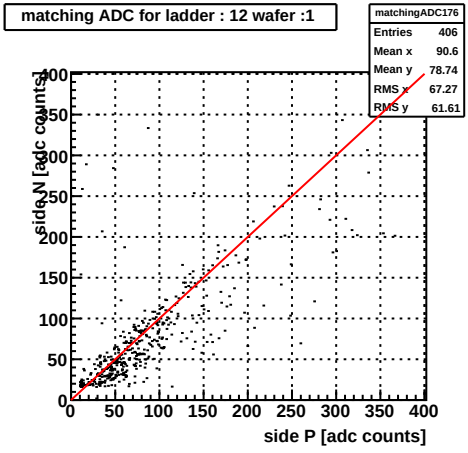

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 281
Mean x 99.38
Mean y 98.12
RMS x 59.74
RMS y 60.56
side N [adc counts]
side P [adc counts]

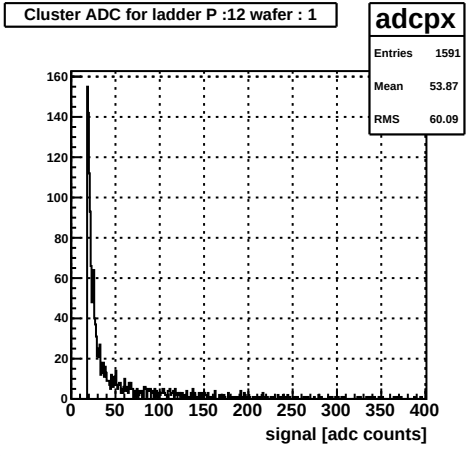

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 455
Mean 80.48
RMS 67
signal [adc counts]

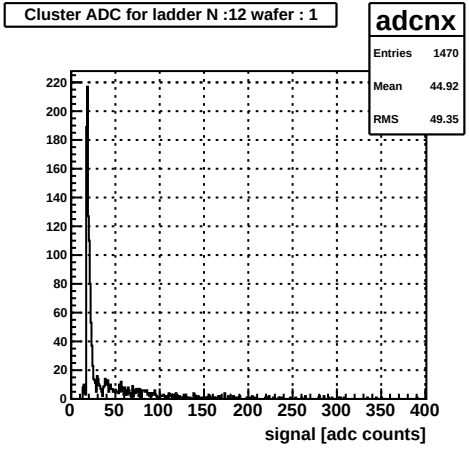

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 1654
Mean 38.4
RMS 41.28
signal [adc counts]

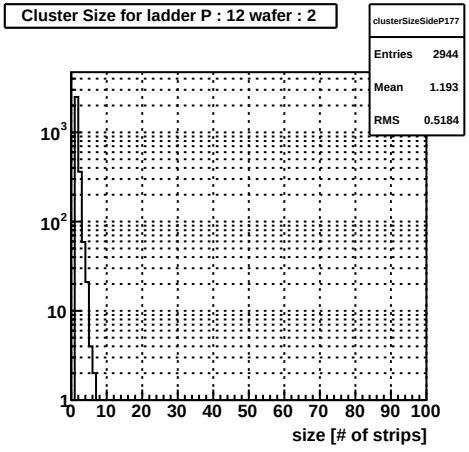

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 1591
Mean 1.282
RMS 0.6537
size [# of strips]

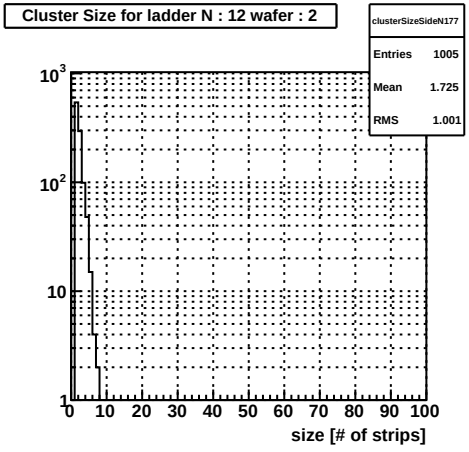

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 1470
Mean 1.386
RMS 0.8299
size [# of strips]

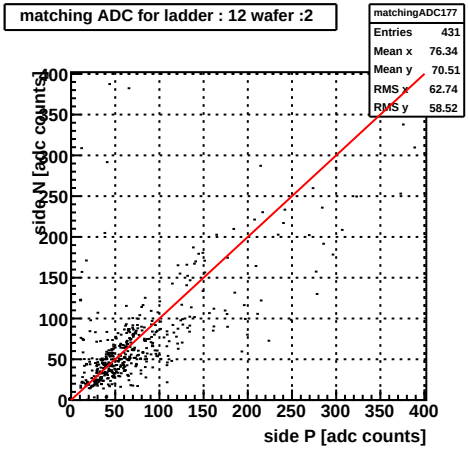

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 406
Mean x 90.6
Mean y 78.74
RMS x 67.27
RMS y 61.61
side N [adc counts]
side P [adc counts]

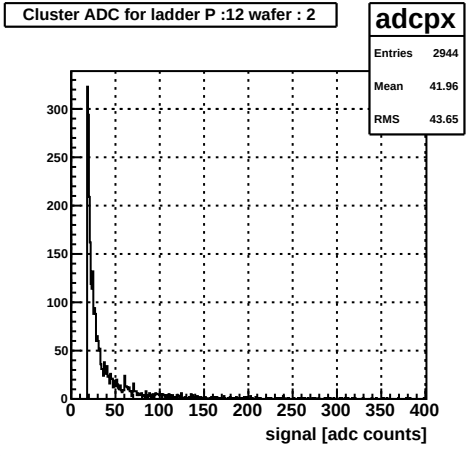

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 1591
Mean 53.87
RMS 60.09
signal [adc counts]

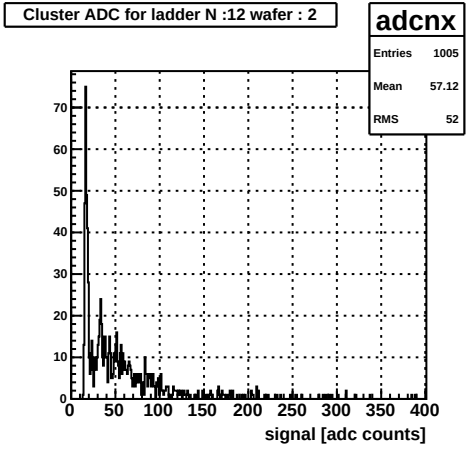

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 1470
Mean 44.92
RMS 49.35
signal [adc counts]

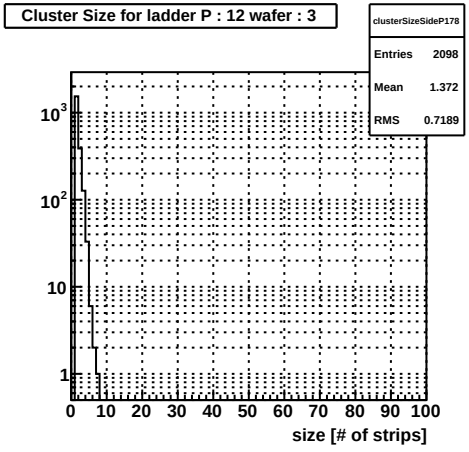

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 2944
Mean 1.193
RMS 0.5184
size [# of strips]

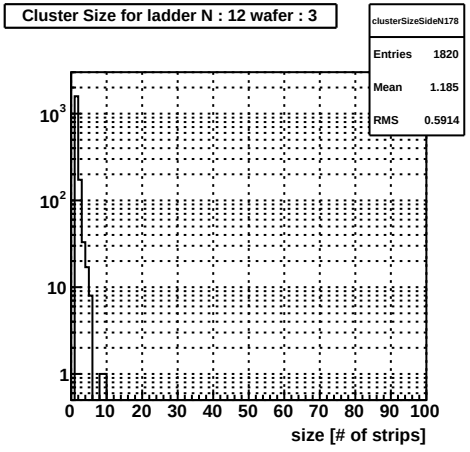

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 1005
Mean 1.725
RMS 1.001
size [# of strips]

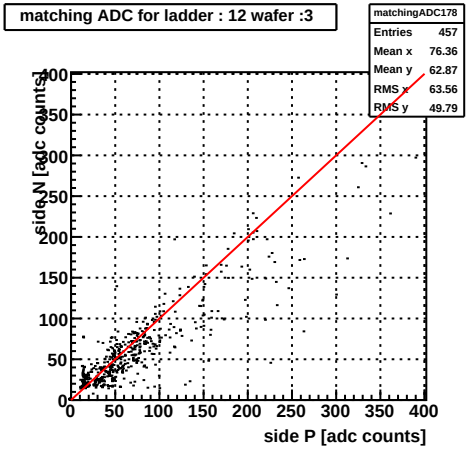

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 431
Mean x 76.34
Mean y 70.51
RMS x 62.74
RMS y 58.52
side N [adc counts]
side P [adc counts]

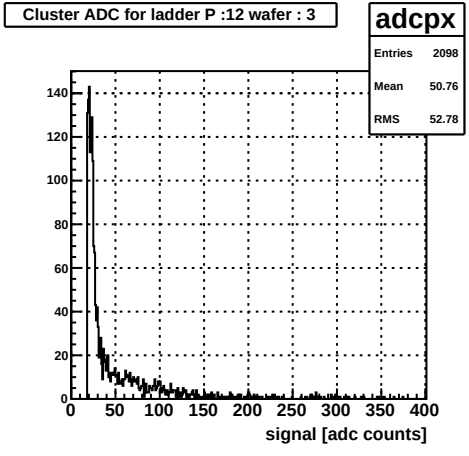

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 2944
Mean 41.96
RMS 43.65
signal [adc counts]

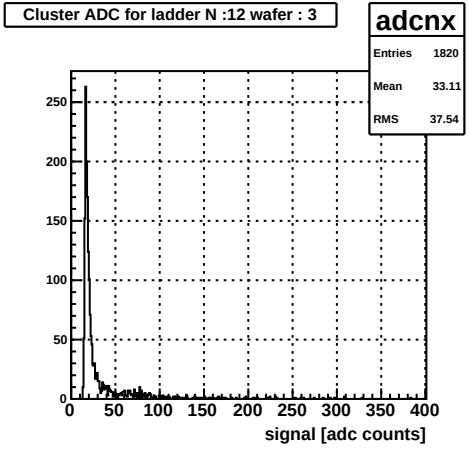

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 1005
Mean 57.12
RMS 52
signal [adc counts]

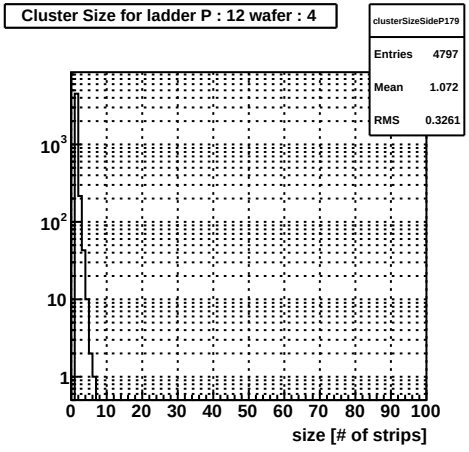

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 2098
Mean 1.372
RMS 0.7189
size [# of strips]

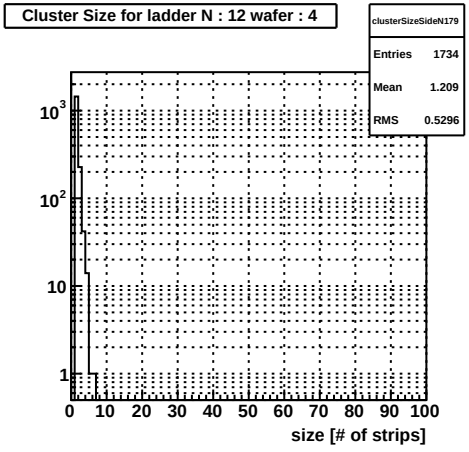

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 1820
Mean 1.185
RMS 0.5914
size [# of strips]

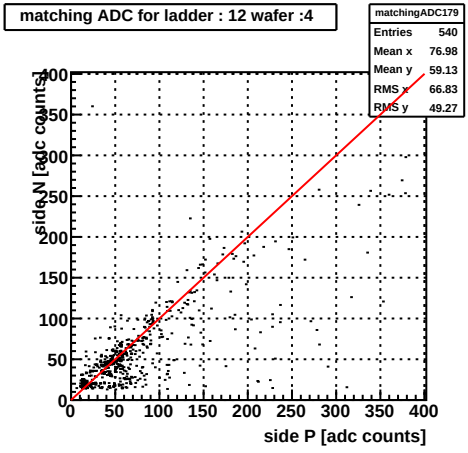

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 457
Mean x 76.36
Mean y 62.87
RMS x 63.56
RMS y 49.79
side N [adc counts]
side P [adc counts]

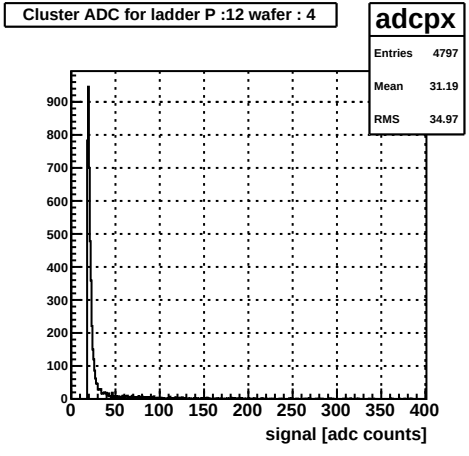

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 2098
Mean 50.76
RMS 52.78
signal [adc counts]

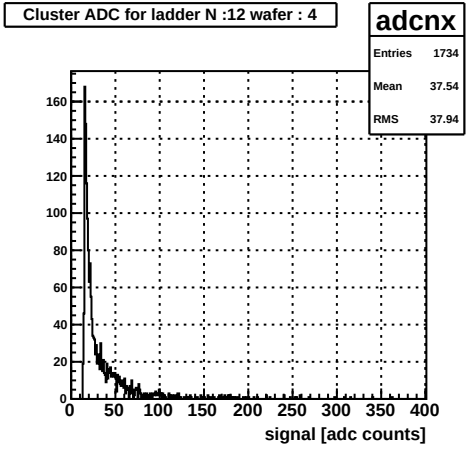

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 1820
Mean 33.11
RMS 37.54
signal [adc counts]

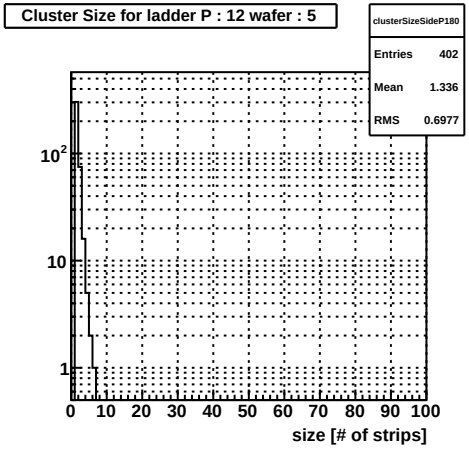

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 4797
Mean 1.072
RMS 0.3261
size [# of strips]

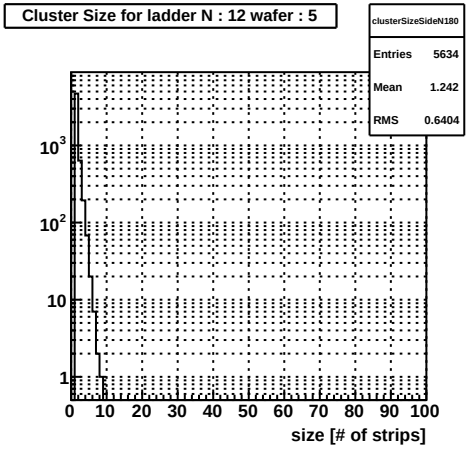

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 1734
Mean 1.209
RMS 0.5296
size [# of strips]

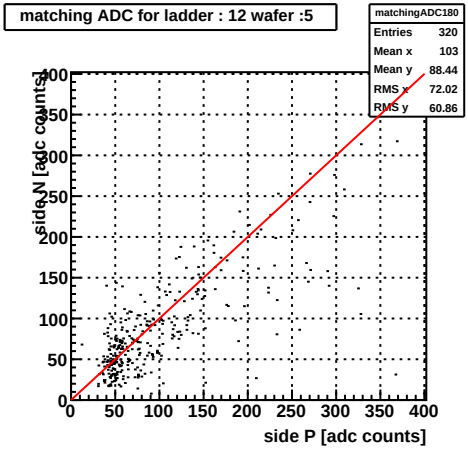

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 540
Mean x 76.98
Mean y 59.13
RMS x 66.83
RMS y 49.27
side N [adc counts]
side P [adc counts]

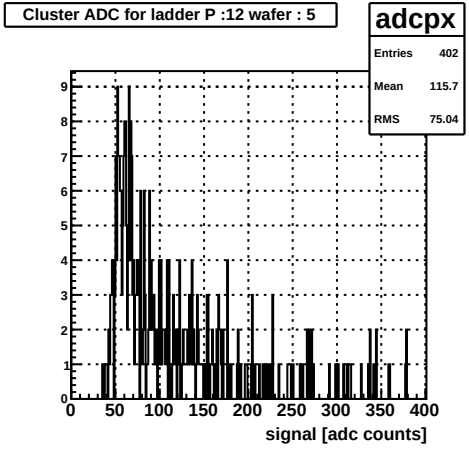

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 4797
Mean 31.19
RMS 34.97
signal [adc counts]

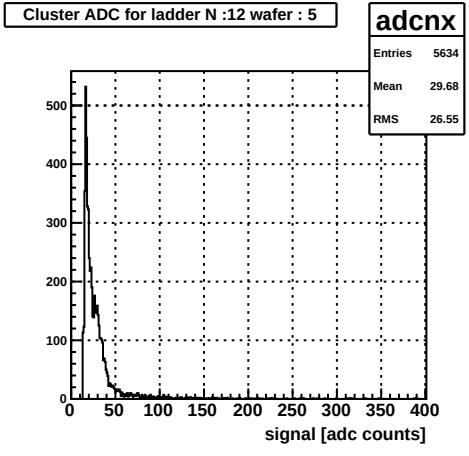

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 1734
Mean 37.54
RMS 37.94
signal [adc counts]

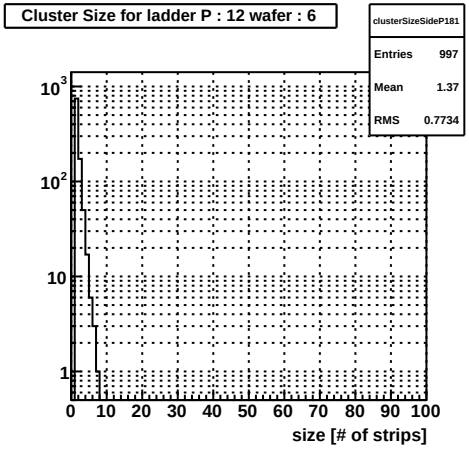

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 402
Mean 1.336
RMS 0.6977
size [# of strips]

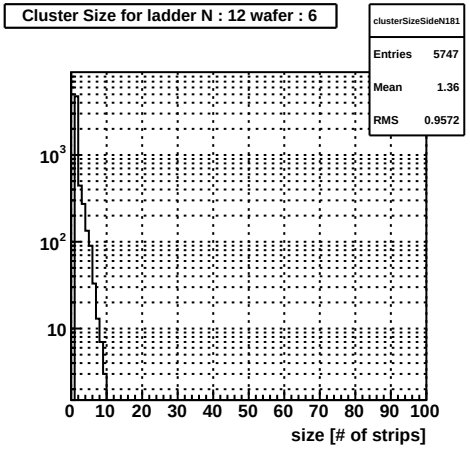

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 5634
Mean 1.242
RMS 0.6404
size [# of strips]

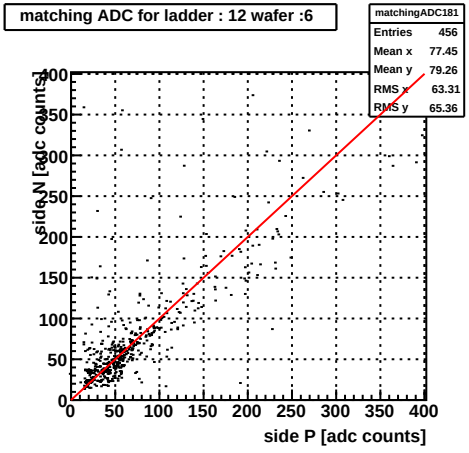

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 320
Mean x 103
Mean y 88.44
RMS x 72.02
RMS y 60.86
side N [adc counts]
side P [adc counts]

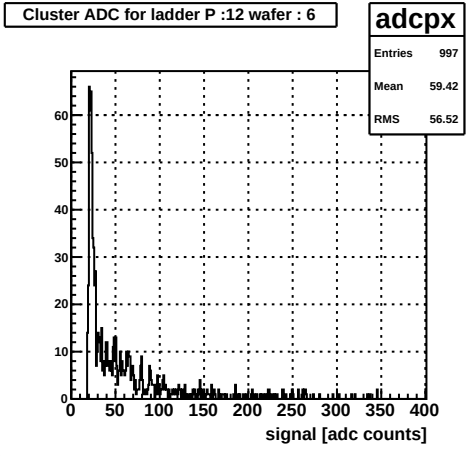

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 402
Mean 115.7
RMS 75.04
signal [adc counts]

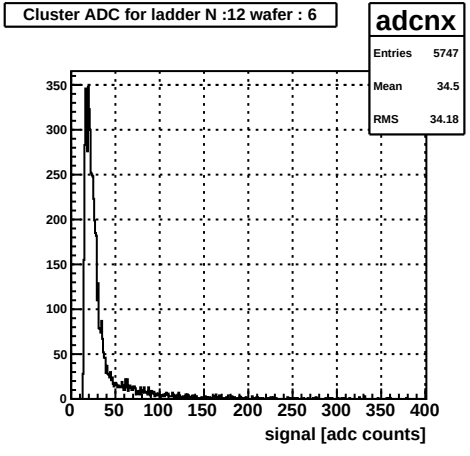

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 5634
Mean 29.68
RMS 26.55
signal [adc counts]

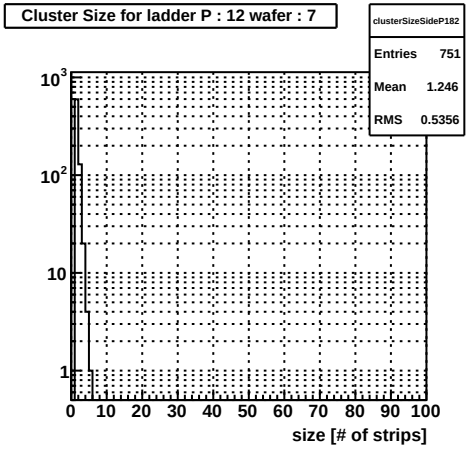

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 997
Mean 1.37
RMS 0.7734
size [# of strips]

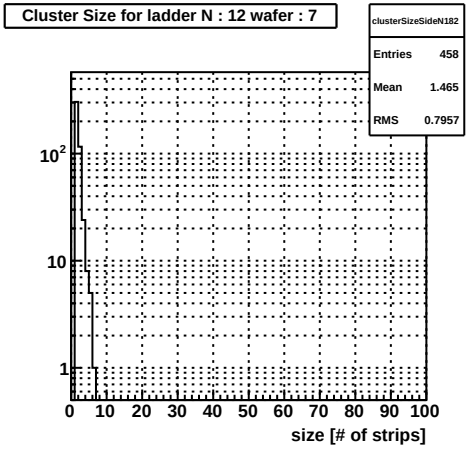

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 5747
Mean 1.36
RMS 0.9572
size [# of strips]

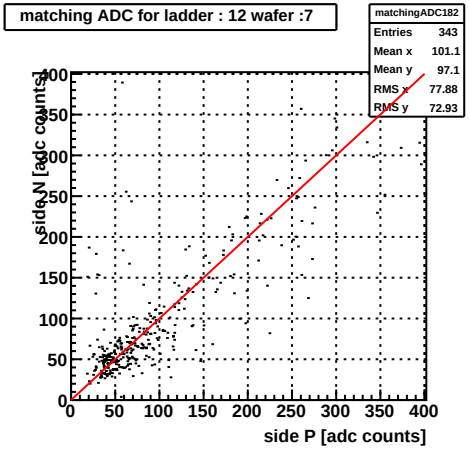

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 456
Mean x 77.45
Mean y 79.26
RMS x 63.31
RMS y 65.36
side N [adc counts]
side P [adc counts]

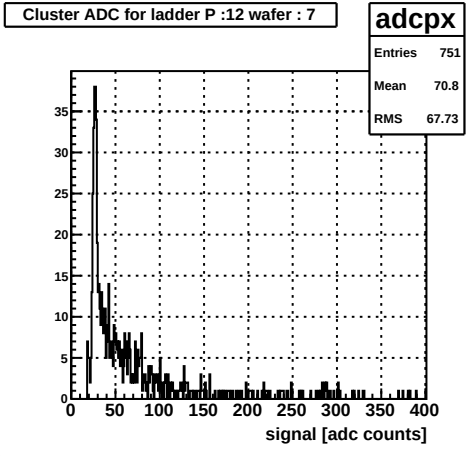

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 997
Mean 59.42
RMS 56.52
signal [adc counts]

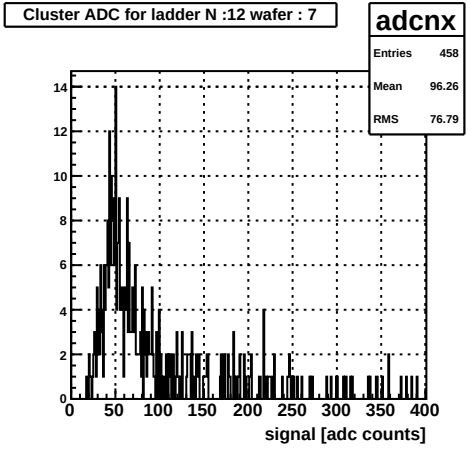

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 5747
Mean 34.5
RMS 34.18
signal [adc counts]

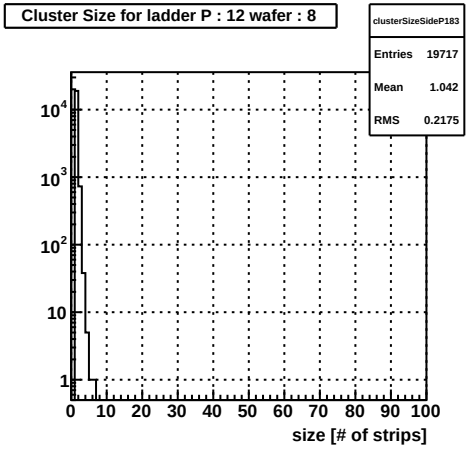

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 751
Mean 1.246
RMS 0.5356
size [# of strips]

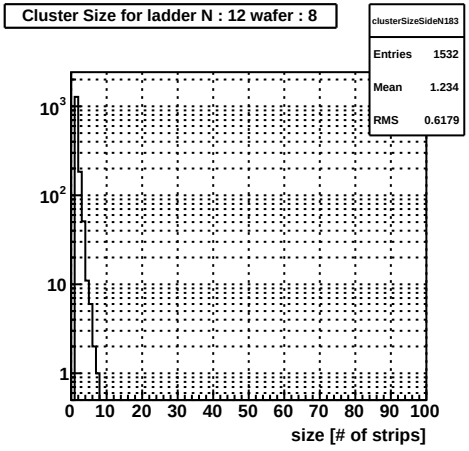

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 458
Mean 1.465
RMS 0.7957
size [# of strips]

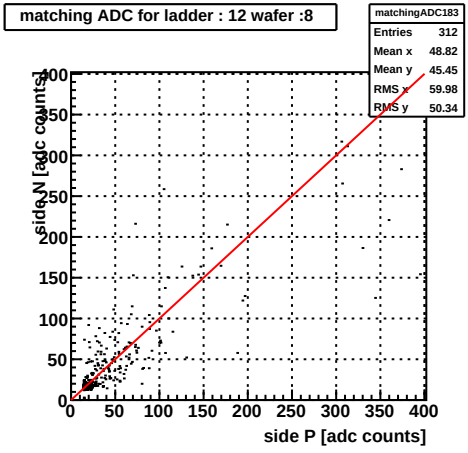

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 343
Mean x 101.1
Mean y 97.1
RMS x 77.88
RMS y 72.93
side N [adc counts]
side P [adc counts]

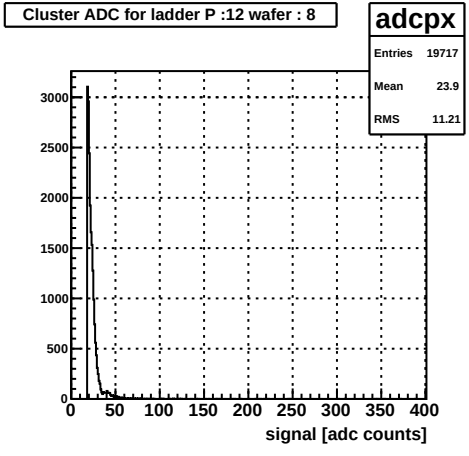

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 751
Mean 70.8
RMS 67.73
signal [adc counts]

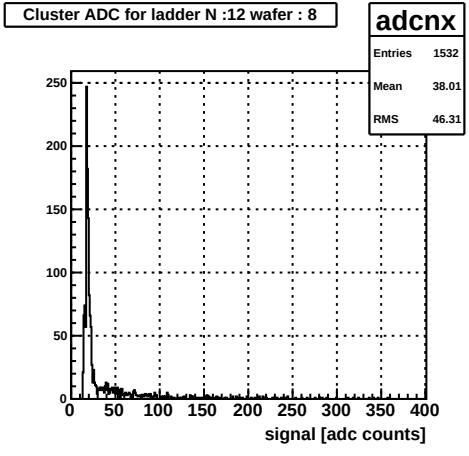

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 458
Mean 96.26
RMS 76.79
signal [adc counts]

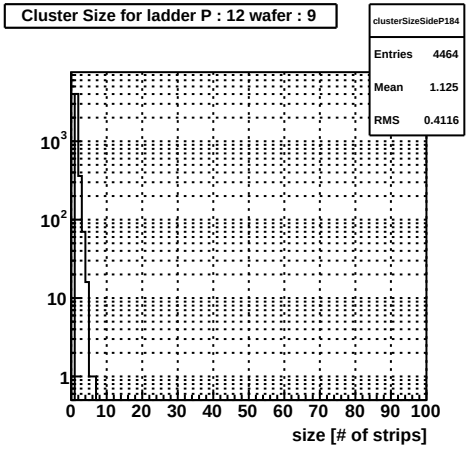

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 19717
Mean 1.042
RMS 0.2175
size [# of strips]

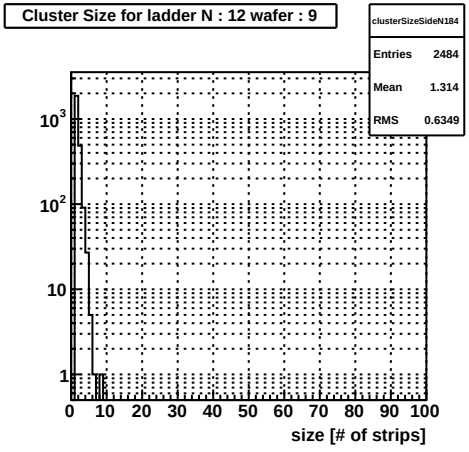

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 1532
Mean 1.234
RMS 0.6179
size [# of strips]

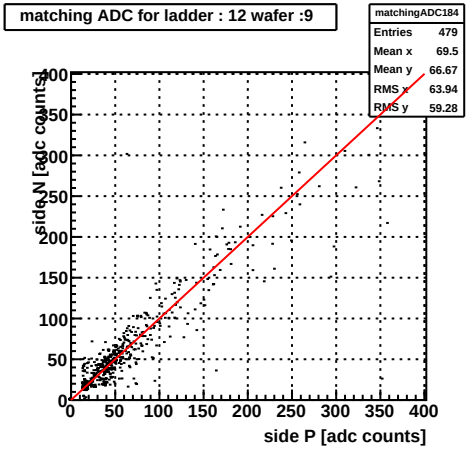

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 312
Mean x 48.82
Mean y 45.45
RMS x 59.98
RMS y 50.34
side N [adc counts]
side P [adc counts]

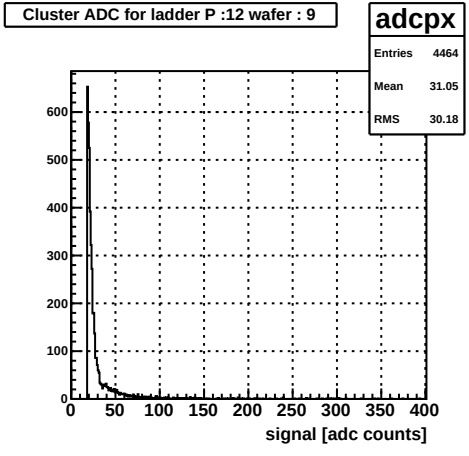

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 19717
Mean 23.9
RMS 11.21
signal [adc counts]

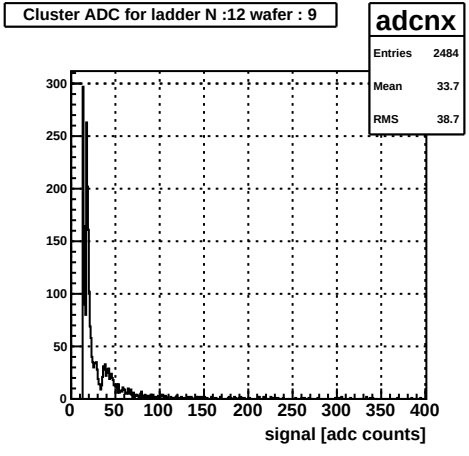

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 1532
Mean 38.01
RMS 46.31
signal [adc counts]

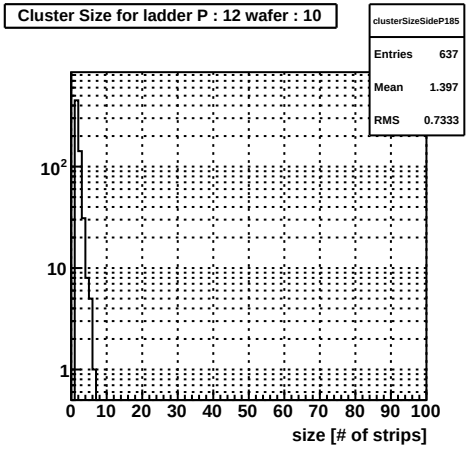

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 4464
Mean 1.125
RMS 0.4116
size [# of strips]

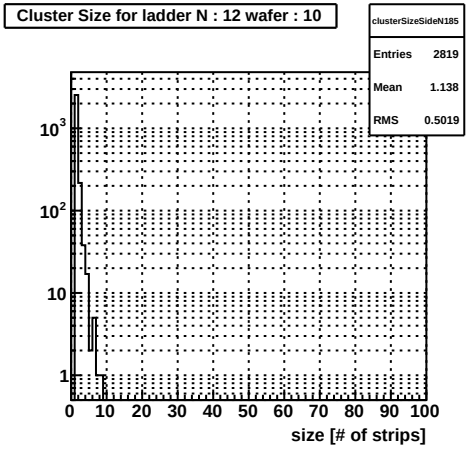

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 2484
Mean 1.314
RMS 0.6349
size [# of strips]

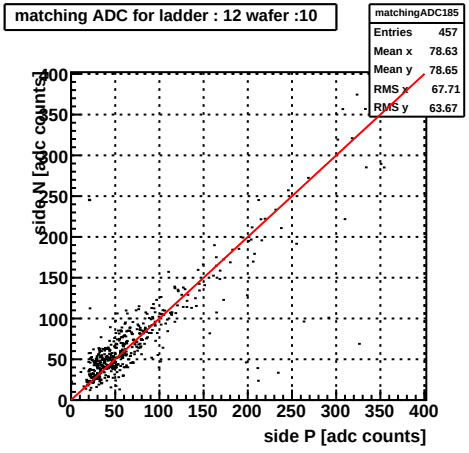

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 479
Mean x 69.5
Mean y 66.67
RMS x 63.94
RMS y 59.28
side N [adc counts]
side P [adc counts]

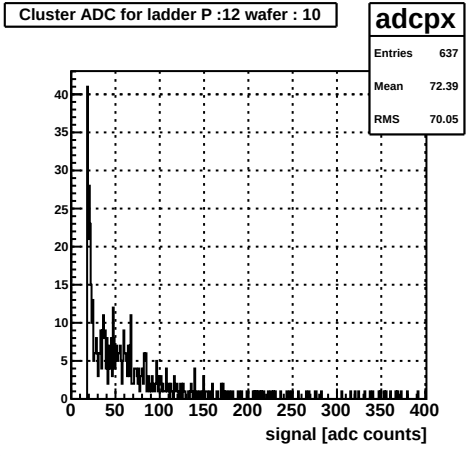

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 4464
Mean 31.05
RMS 30.18
signal [adc counts]

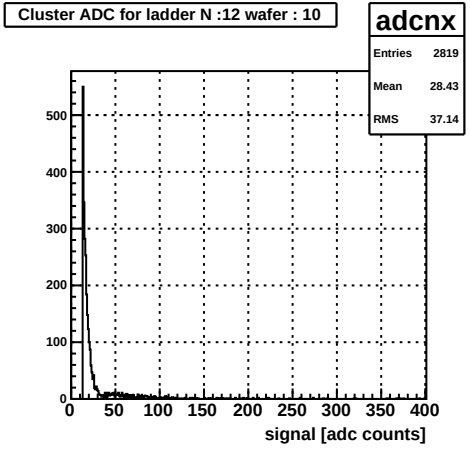

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 2484
Mean 33.7
RMS 38.7
signal [adc counts]

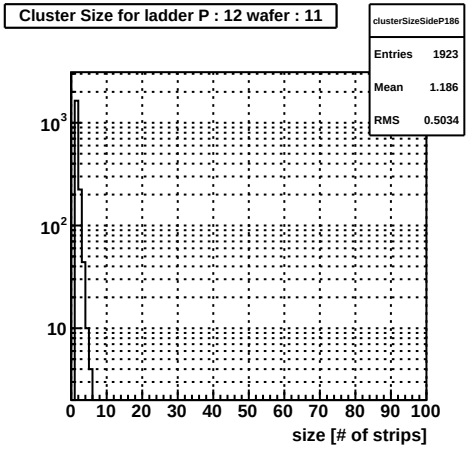

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 637
Mean 1.397
RMS 0.7333
size [# of strips]

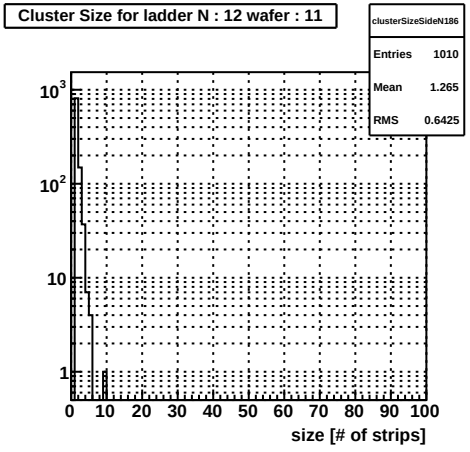

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 2819
Mean 1.138
RMS 0.5019
size [# of strips]

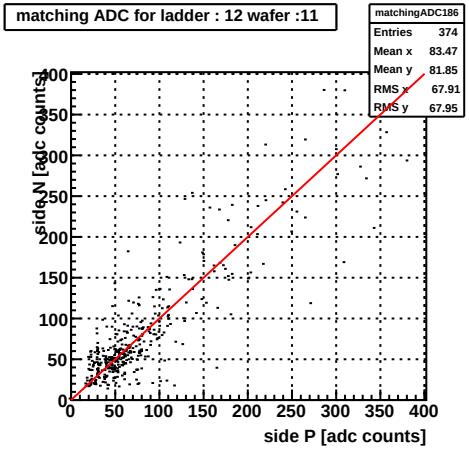

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 457
Mean x 78.63
Mean y 78.65
RMS x 67.71
RMS y 63.67
side N [adc counts]
side P [adc counts]

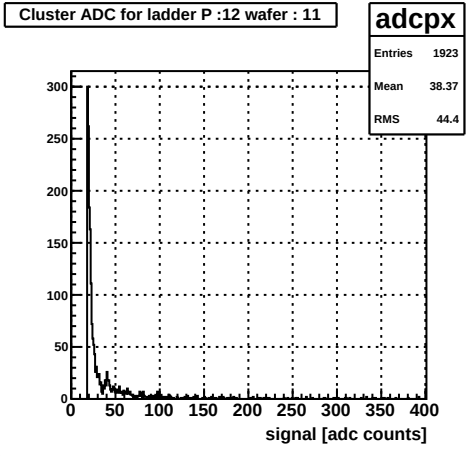

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 637
Mean 72.39
RMS 70.05
signal [adc counts]

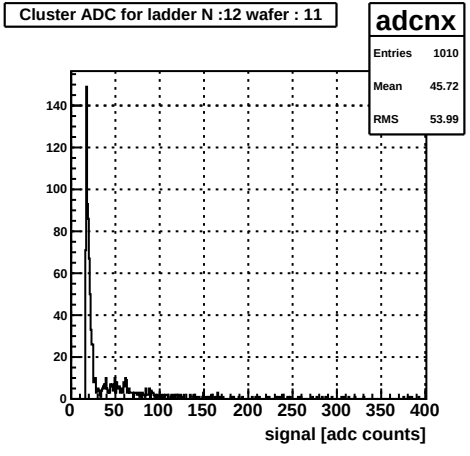

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 2819
Mean 28.43
RMS 37.14
signal [adc counts]

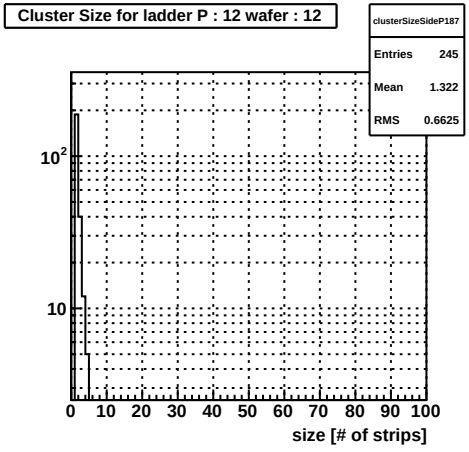

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 1923
Mean 1.186
RMS 0.5034
size [# of strips]

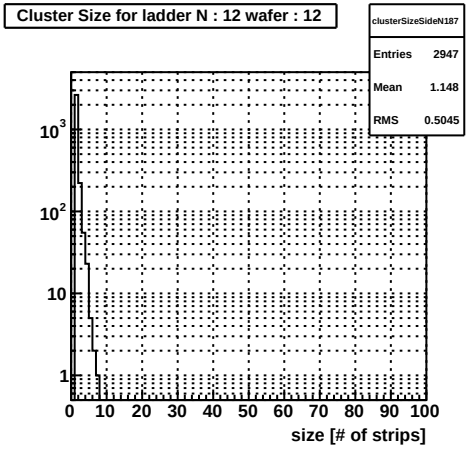

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 1010
Mean 1.265
RMS 0.6425
size [# of strips]

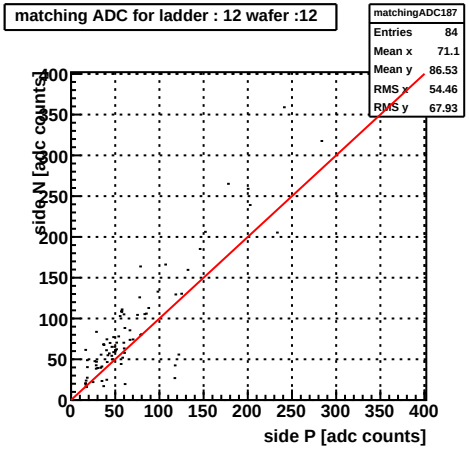

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 374
Mean x 83.47
Mean y 81.85
RMS x 67.91
RMS y 67.95
side N [adc counts]
side P [adc counts]

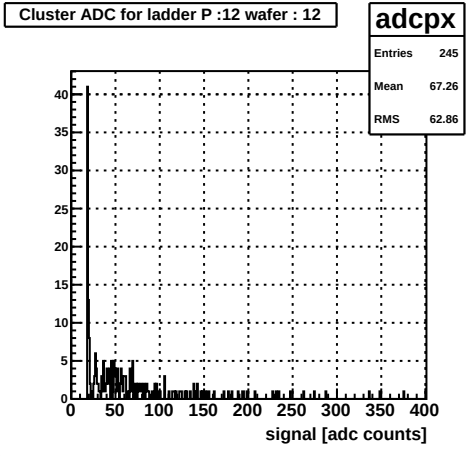

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 1923
Mean 38.37
RMS 44.4
signal [adc counts]

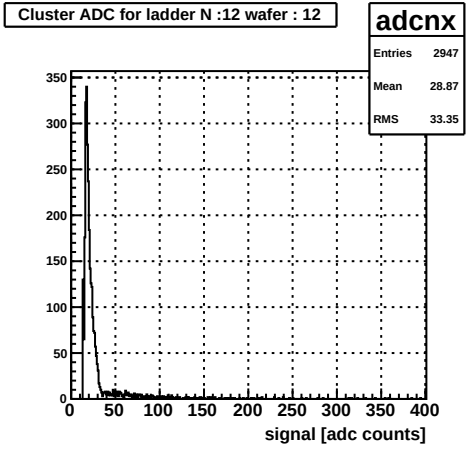

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 1010
Mean 45.72
RMS 53.99
signal [adc counts]

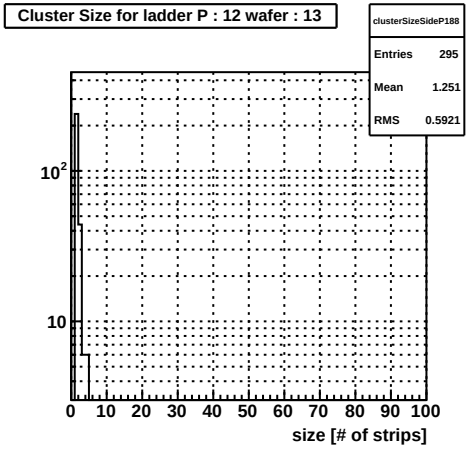

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 245
Mean 1.322
RMS 0.6625
size [# of strips]

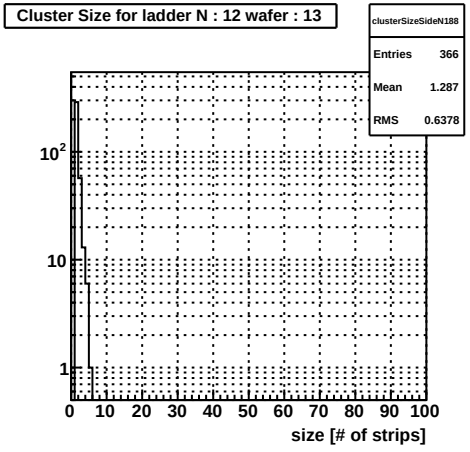

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 2947
Mean 1.148
RMS 0.5045
size [# of strips]

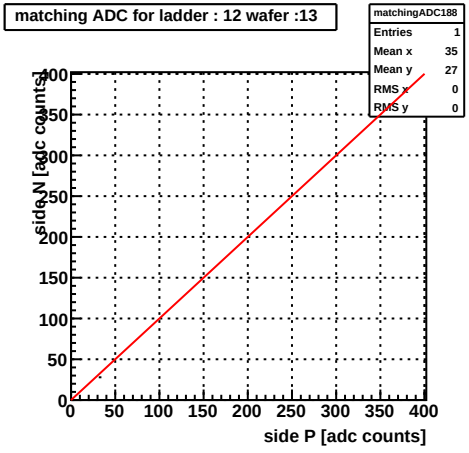

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 84
Mean x 71.1
Mean y 86.53
RMS x 54.46
RMS y 67.93
side N [adc counts]
side P [adc counts]

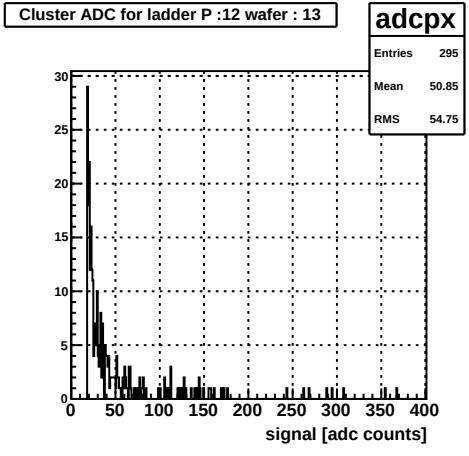

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 245
Mean 67.26
RMS 62.86
signal [adc counts]

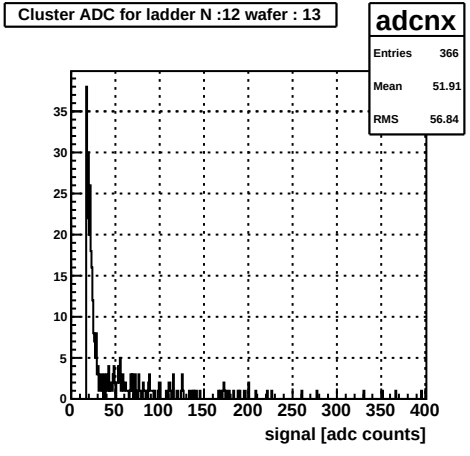

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 2947
Mean 28.87
RMS 33.35
signal [adc counts]

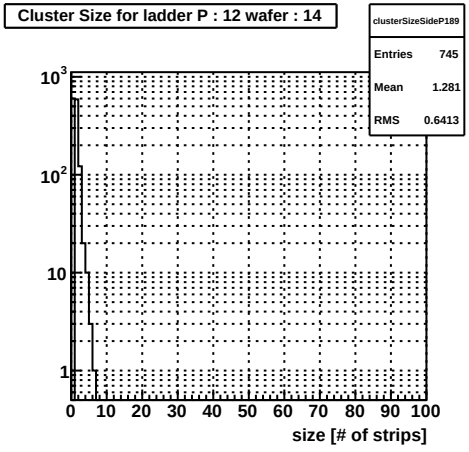

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 295
Mean 1.251
RMS 0.5921
size [# of strips]

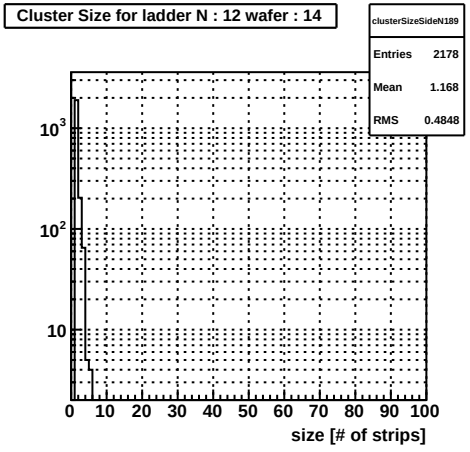

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 366
Mean 1.287
RMS 0.6378
size [# of strips]

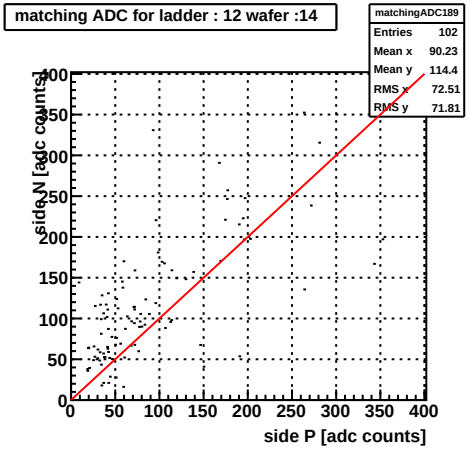

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 1
Mean x 35
Mean y 27
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

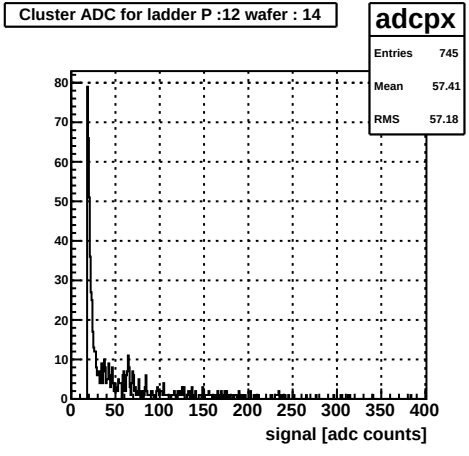

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 295
Mean 50.85
RMS 54.75
signal [adc counts]

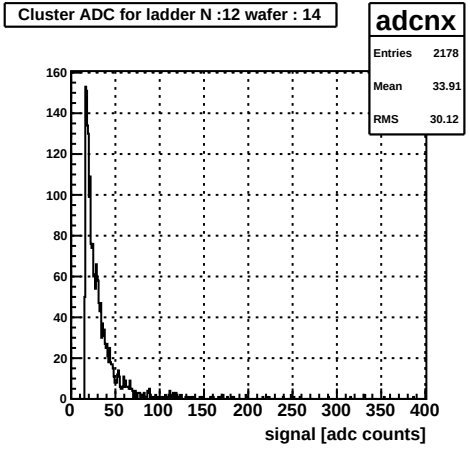

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 366
Mean 51.91
RMS 56.84
signal [adc counts]

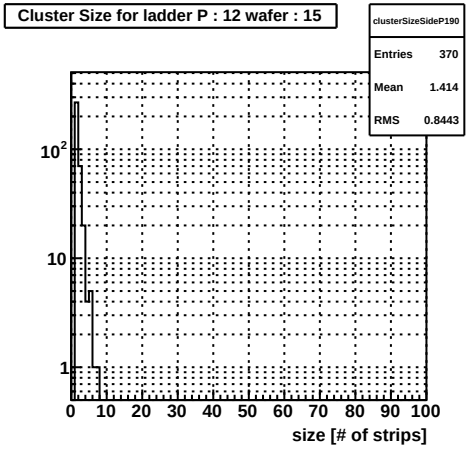

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 745
Mean 1.281
RMS 0.6413
size [# of strips]

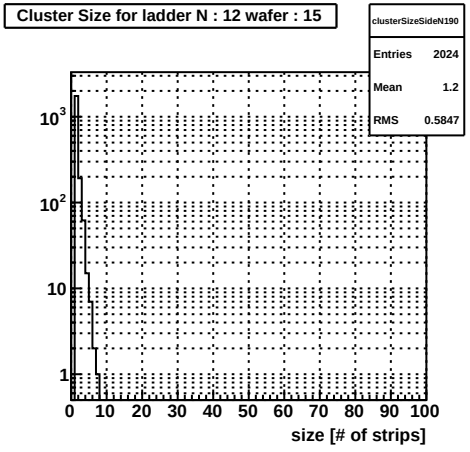

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2178
Mean 1.168
RMS 0.4848
size [# of strips]

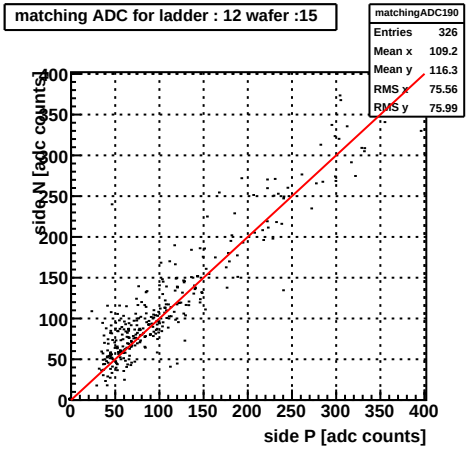

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 102
Mean x 90.23
Mean y 114.4
RMS x 72.51
RMS y 71.81
side N [adc counts]
side P [adc counts]

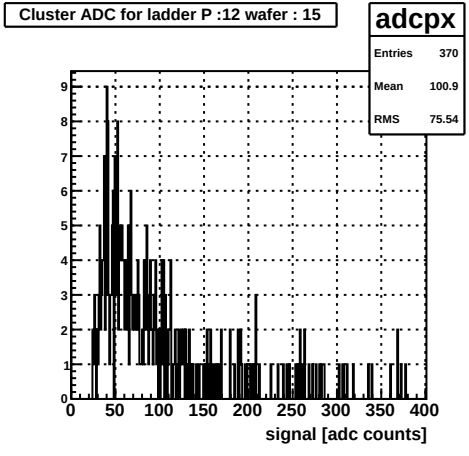

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 745
Mean 57.41
RMS 57.18
signal [adc counts]

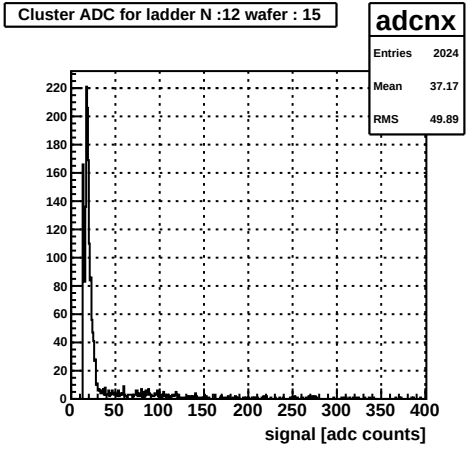

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2178
Mean 33.91
RMS 30.12
signal [adc counts]

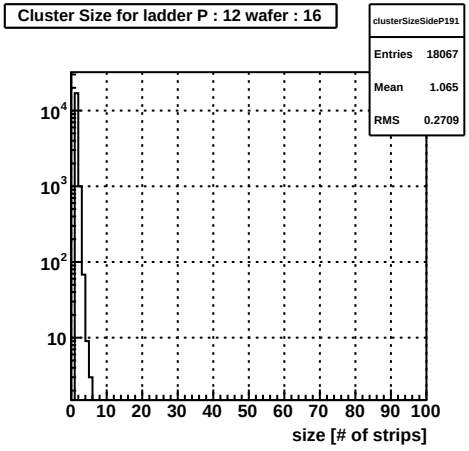

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 370
Mean 1.414
RMS 0.8443
size [# of strips]

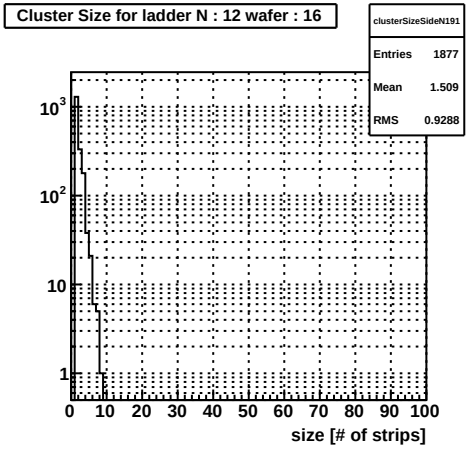

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 2024
Mean 1.2
RMS 0.5847
size [# of strips]

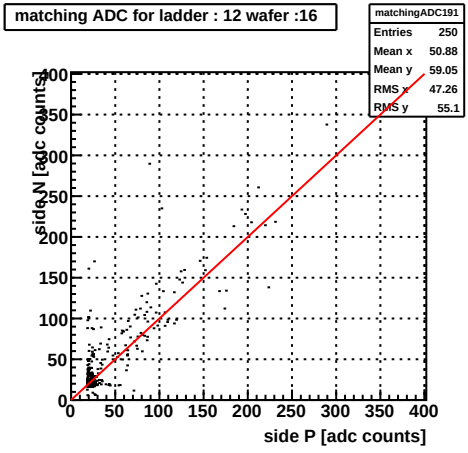

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 326
Mean x 109.2
Mean y 116.3
RMS x 75.56
RMS y 75.99
side N [adc counts]
side P [adc counts]

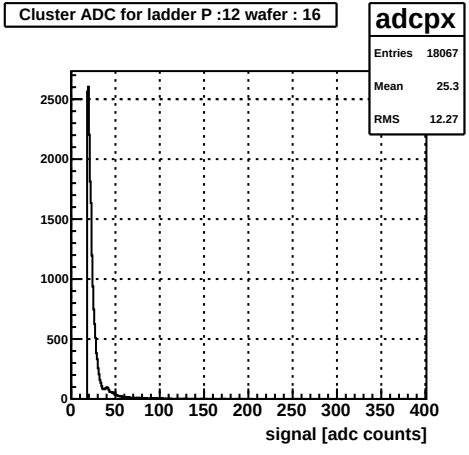

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 370
Mean 100.9
RMS 75.54
signal [adc counts]

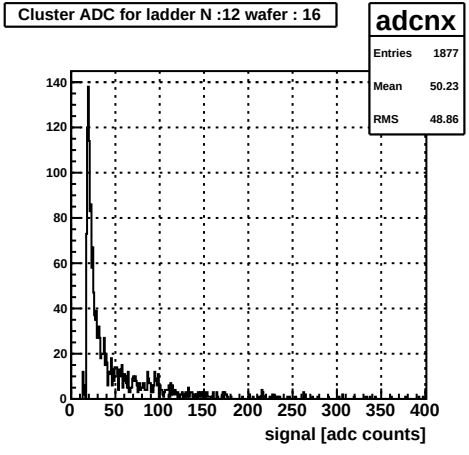

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 2024
Mean 37.17
RMS 49.89
signal [adc counts]

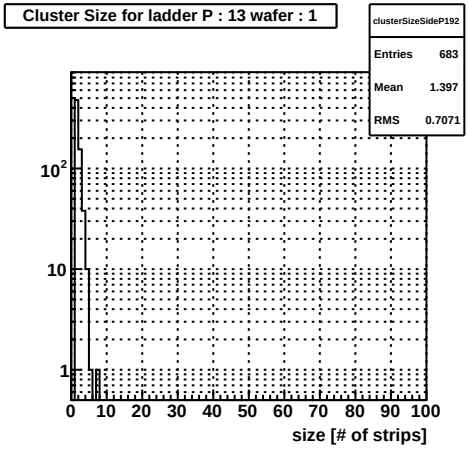

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 18067
Mean 1.065
RMS 0.2709
size [# of strips]

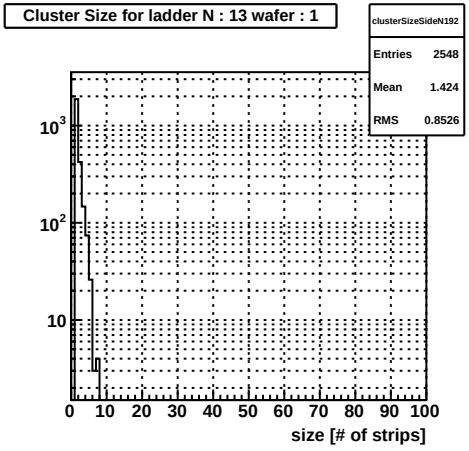

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 1877
Mean 1.509
RMS 0.9288
size [# of strips]

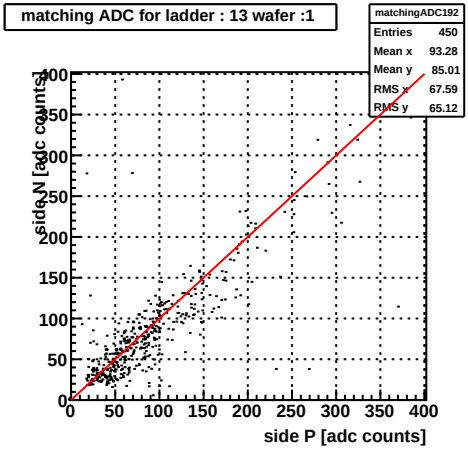

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 250
Mean x 50.88
Mean y 59.05
RMS x 47.26
RMS y 55.1
side N [adc counts]
side P [adc counts]

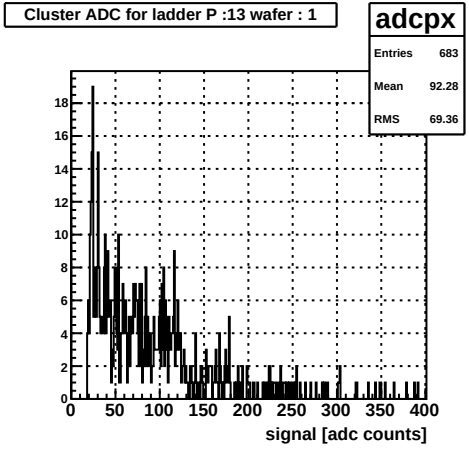

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 18067
Mean 25.3
RMS 12.27
signal [adc counts]

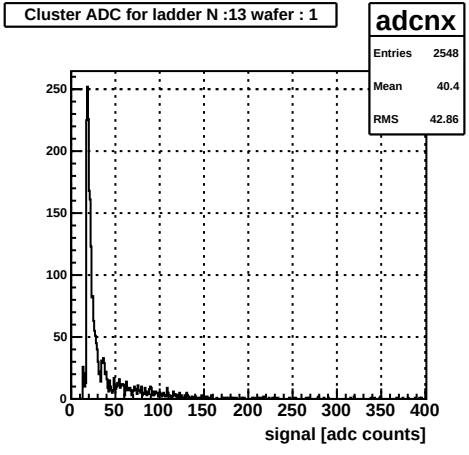

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 1877
Mean 50.23
RMS 48.86
signal [adc counts]

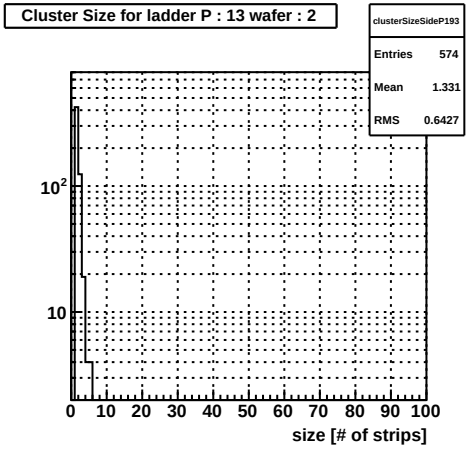

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 683
Mean 1.397
RMS 0.7071
size [# of strips]

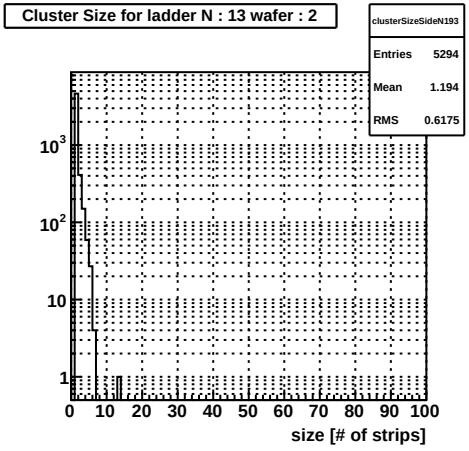

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 2548
Mean 1.424
RMS 0.8526
size [# of strips]

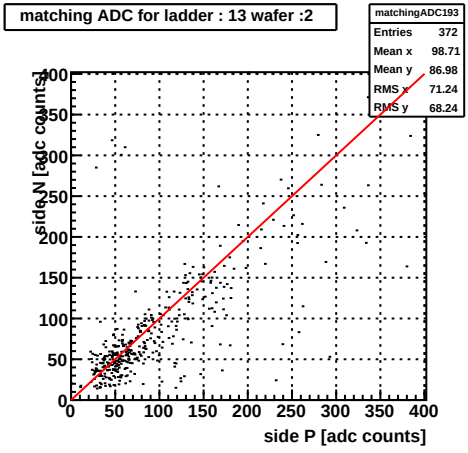

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 450
Mean x 93.28
Mean y 85.01
RMS x 67.59
RMS y 65.12
side N [adc counts]
side P [adc counts]

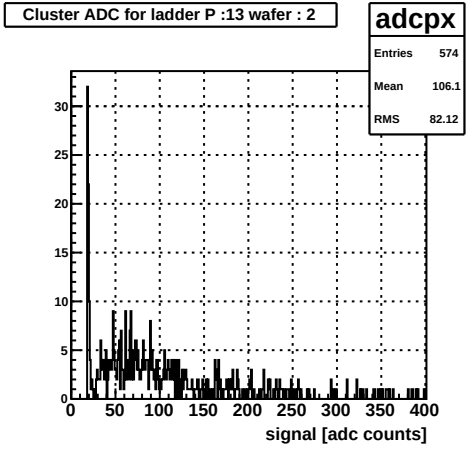

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 683
Mean 92.28
RMS 69.36
signal [adc counts]

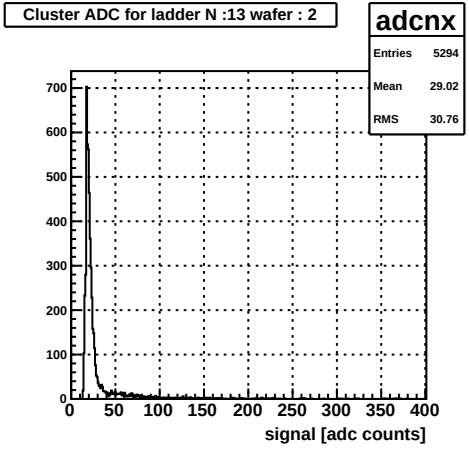

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 2548
Mean 40.4
RMS 42.86
signal [adc counts]

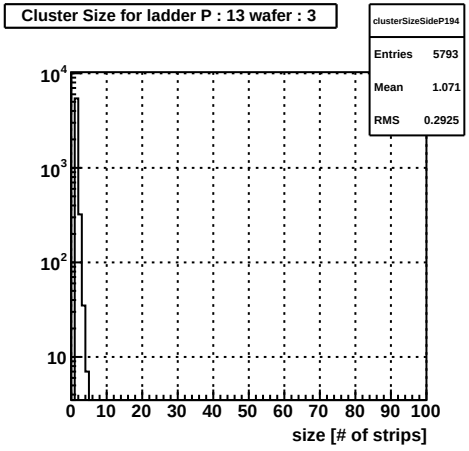

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 574
Mean 1.331
RMS 0.6427
size [# of strips]

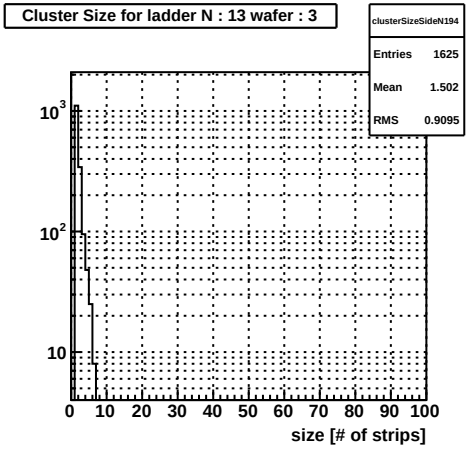

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 5294
Mean 1.194
RMS 0.6175
size [# of strips]

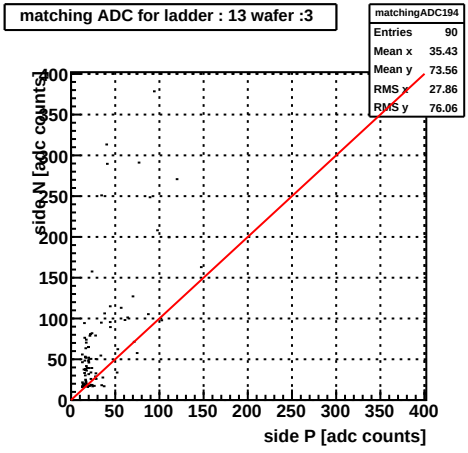

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 372
Mean x 98.71
Mean y 86.98
RMS x 71.24
RMS y 68.24
side N [adc counts]
side P [adc counts]

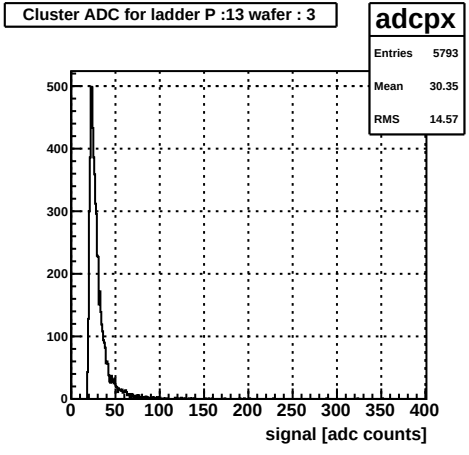

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 574
Mean 106.1
RMS 82.12
signal [adc counts]

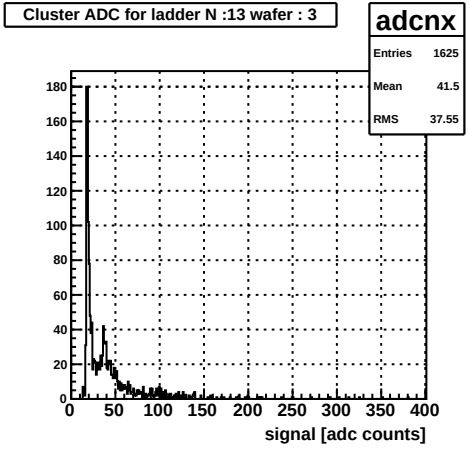

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 5294
Mean 29.02
RMS 30.76
signal [adc counts]

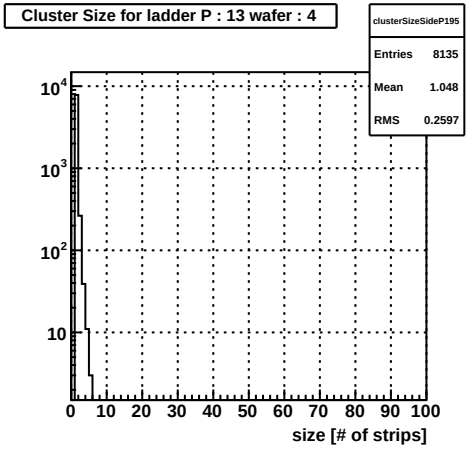

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 5793
Mean 1.071
RMS 0.2925
size [# of strips]

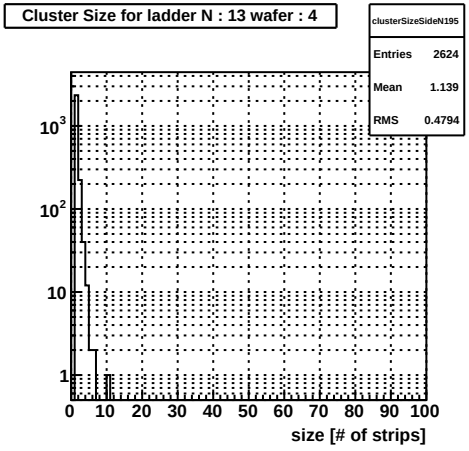

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 1625
Mean 1.502
RMS 0.9095
size [# of strips]

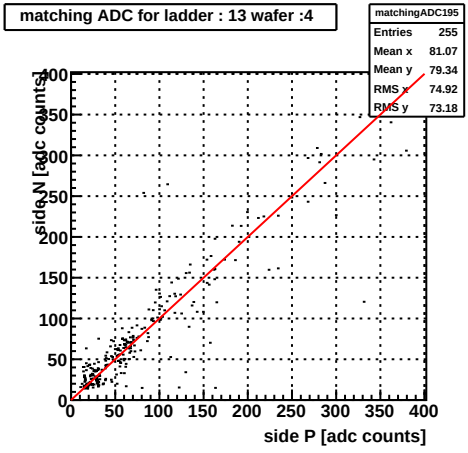

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 90
Mean x 35.43
Mean y 73.56
RMS x 27.86
RMS y 76.06
side N [adc counts]
side P [adc counts]

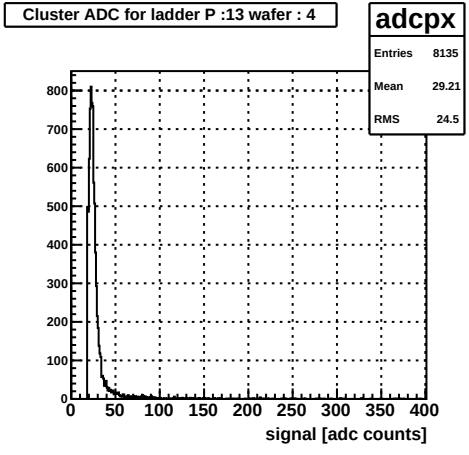

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 5793
Mean 30.35
RMS 14.57
signal [adc counts]

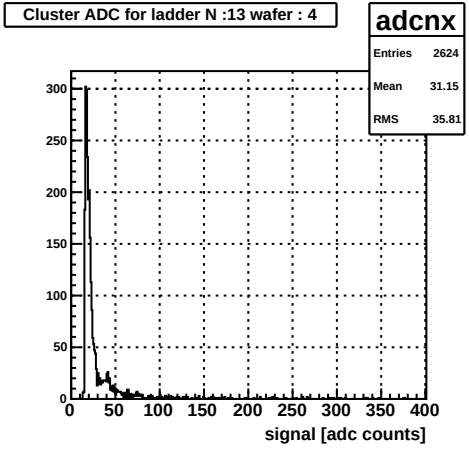

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 1625
Mean 41.5
RMS 37.55
signal [adc counts]

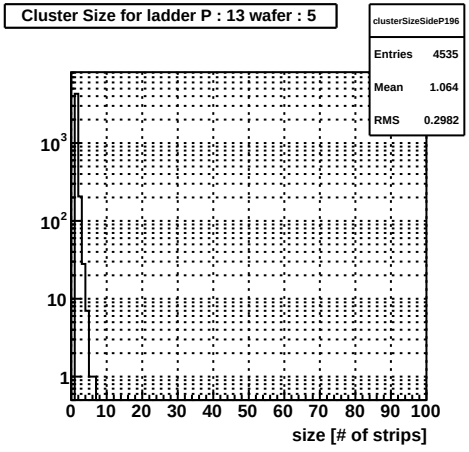

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 8135
Mean 1.048
RMS 0.2597
size [# of strips]

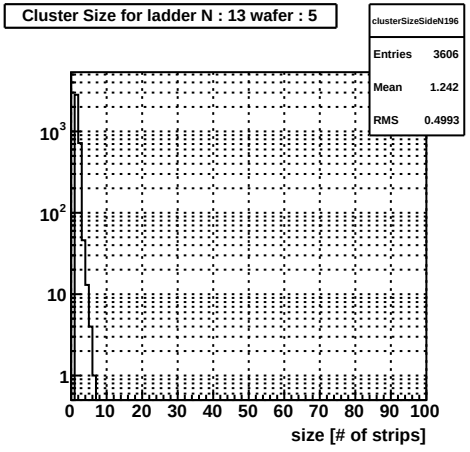

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 2624
Mean 1.139
RMS 0.4794
size [# of strips]

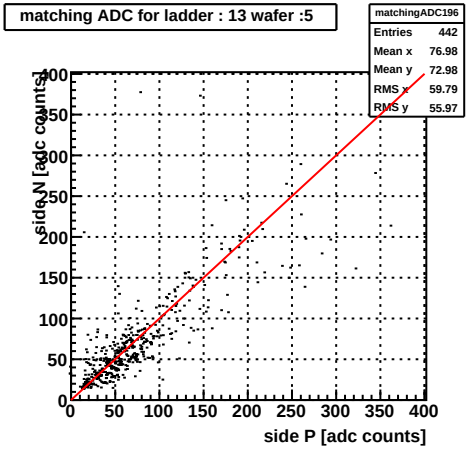

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 255
Mean x 81.07
Mean y 79.34
RMS x 74.92
RMS y 73.18
side N [adc counts]
side P [adc counts]

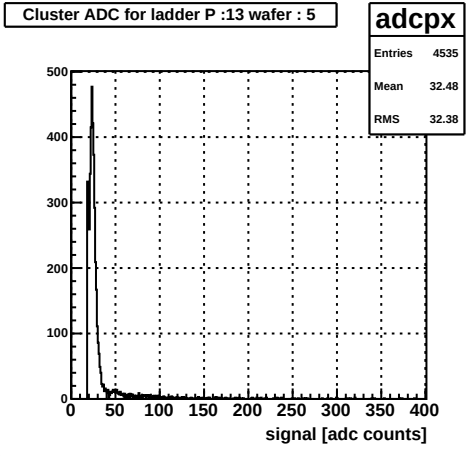

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 8135
Mean 29.21
RMS 24.5
signal [adc counts]

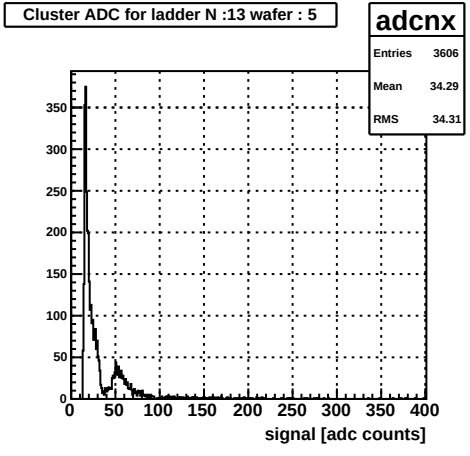

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 2624
Mean 31.15
RMS 35.81
signal [adc counts]

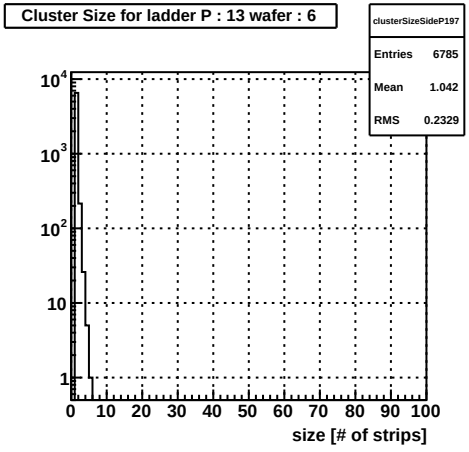

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 4535
Mean 1.064
RMS 0.2982
size [# of strips]

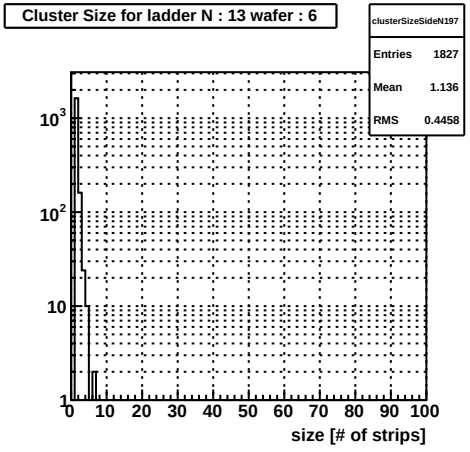

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 3606
Mean 1.242
RMS 0.4993
size [# of strips]

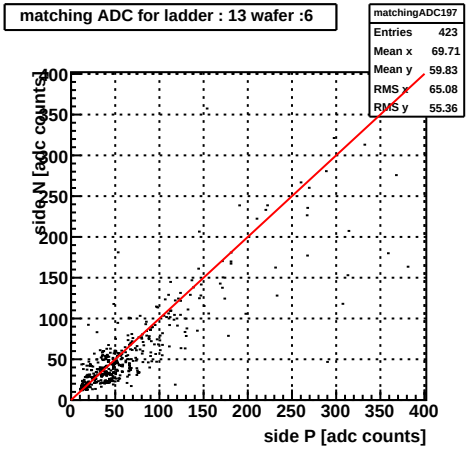

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 442
Mean x 76.98
Mean y 72.98
RMS x 59.79
RMS y 55.97
side N [adc counts]
side P [adc counts]

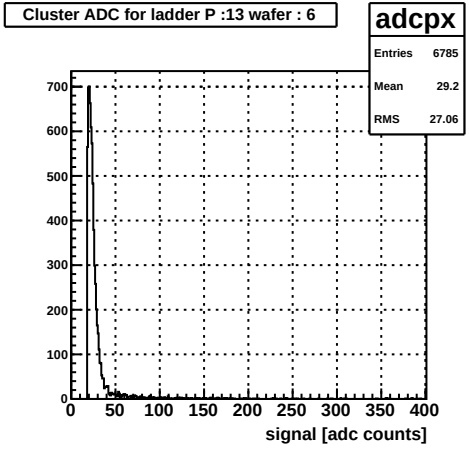

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 4535
Mean 32.48
RMS 32.38
signal [adc counts]

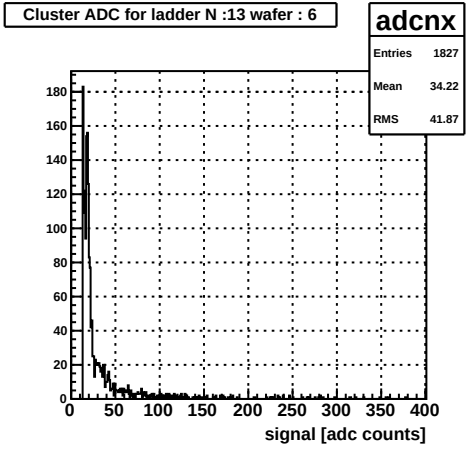

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 3606
Mean 34.29
RMS 34.31
signal [adc counts]

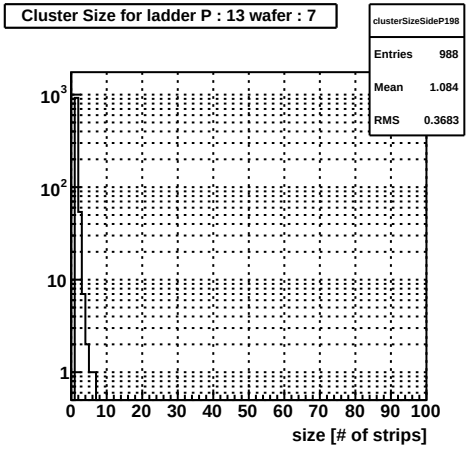

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 6785
Mean 1.042
RMS 0.2329
size [# of strips]

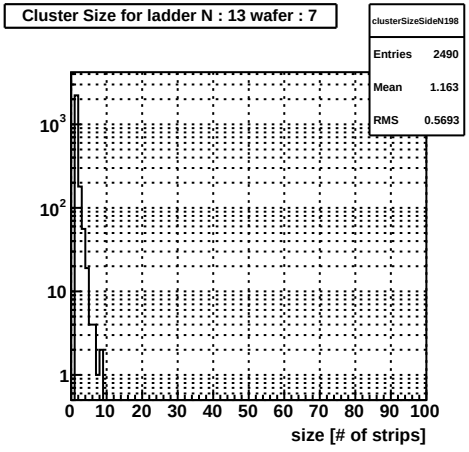

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 1827
Mean 1.136
RMS 0.4458
size [# of strips]

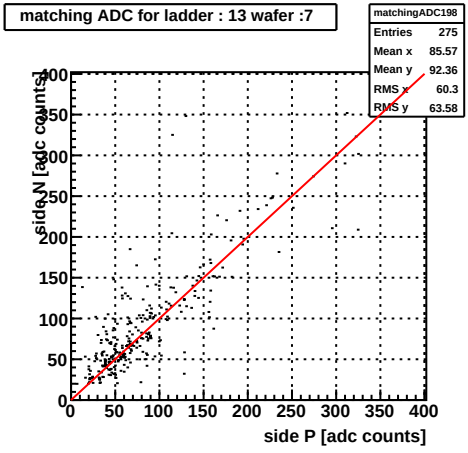

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 423
Mean x 69.71
Mean y 59.83
RMS x 65.08
RMS y 55.36
side N [adc counts]
side P [adc counts]

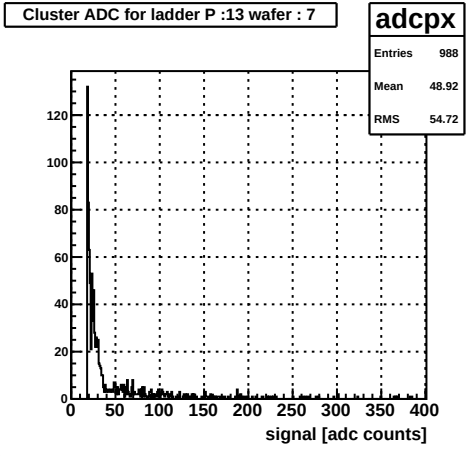

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 6785
Mean 29.2
RMS 27.06
signal [adc counts]

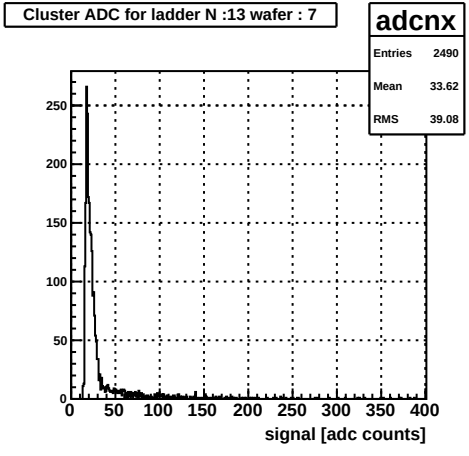

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 1827
Mean 34.22
RMS 41.87
signal [adc counts]

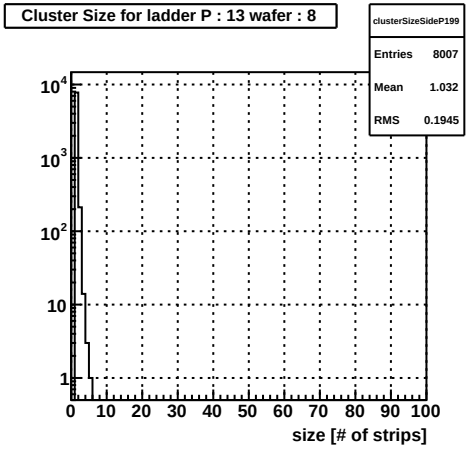

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 988
Mean 1.084
RMS 0.3683
size [# of strips]

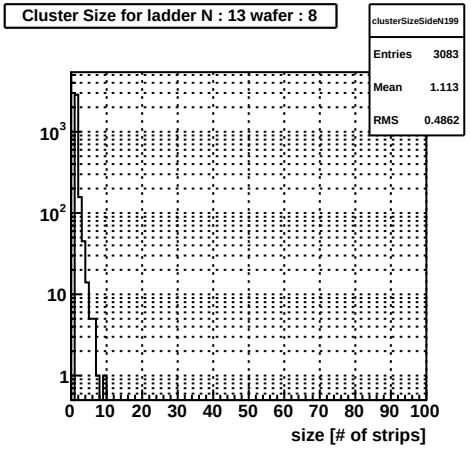

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 2490
Mean 1.163
RMS 0.5693
size [# of strips]

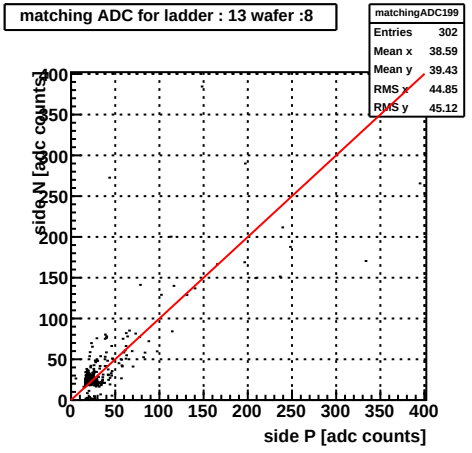

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 275
Mean x 85.57
Mean y 92.36
RMS x 60.3
RMS y 63.58
side N [adc counts]
side P [adc counts]

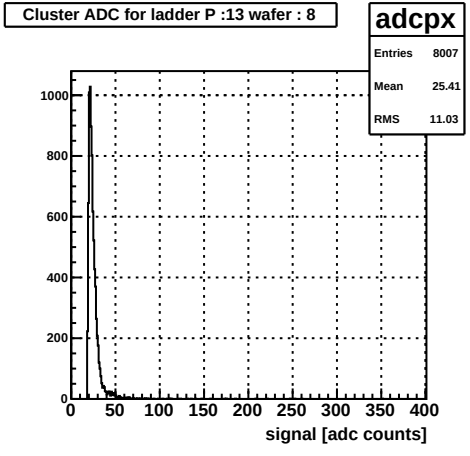

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 988
Mean 48.92
RMS 54.72
signal [adc counts]

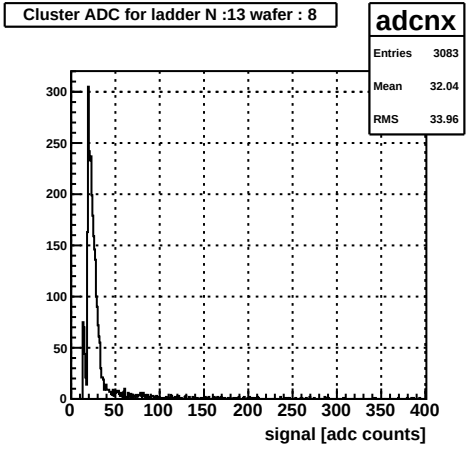

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 2490
Mean 33.62
RMS 39.08
signal [adc counts]

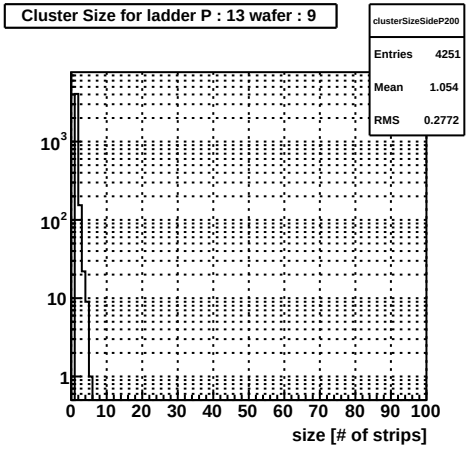

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 8007
Mean 1.032
RMS 0.1945
size [# of strips]

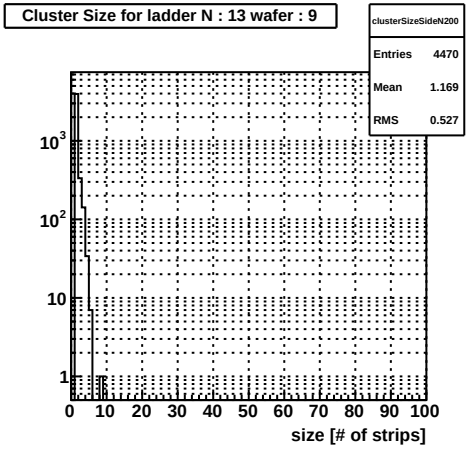

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 3083
Mean 1.113
RMS 0.4862
size [# of strips]

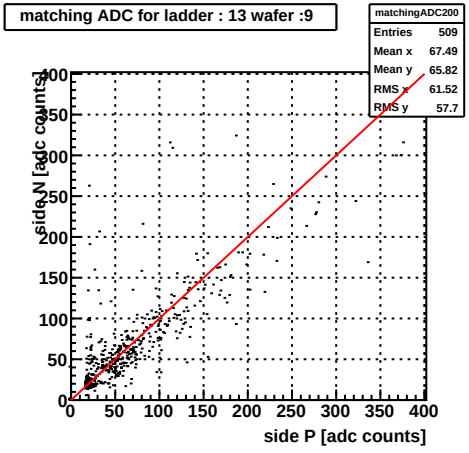

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 302
Mean x 38.59
Mean y 39.43
RMS x 44.85
RMS y 45.12
side N [adc counts]
side P [adc counts]

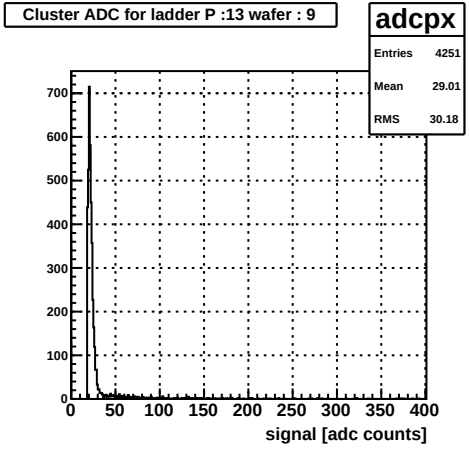

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 8007
Mean 25.41
RMS 11.03
signal [adc counts]

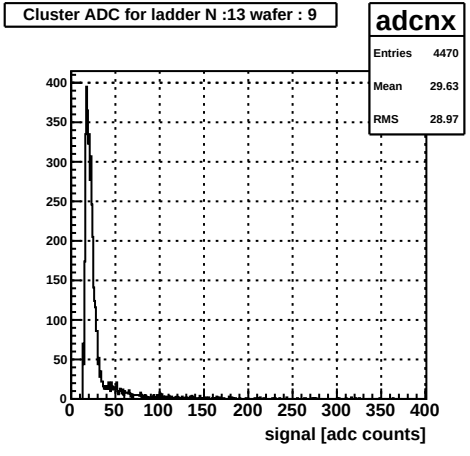

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 3083
Mean 32.04
RMS 33.96
signal [adc counts]

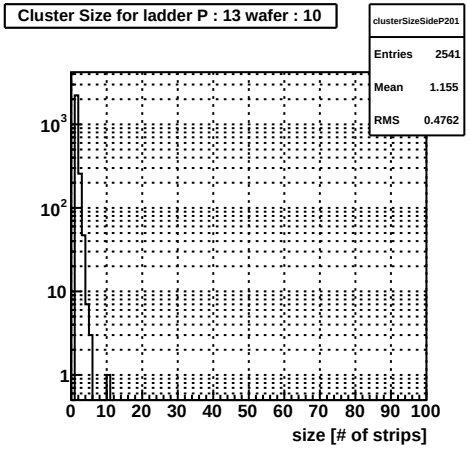

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 4251
Mean 1.054
RMS 0.2772
size [# of strips]

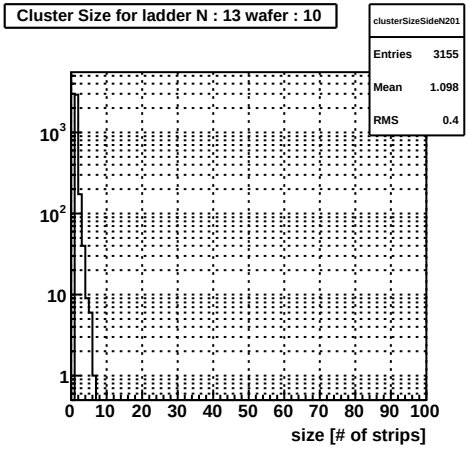

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 4470
Mean 1.169
RMS 0.527
size [# of strips]

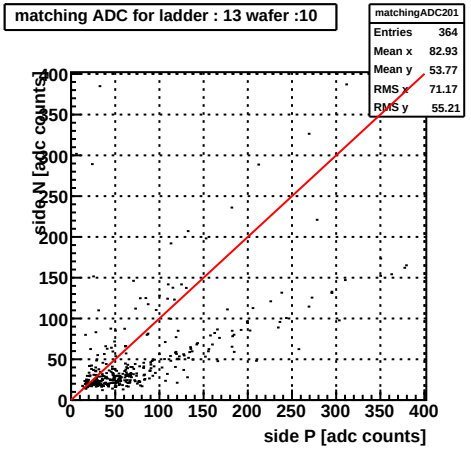

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 509
Mean x 67.49
Mean y 65.82
RMS x 61.52
RMS y 57.7
side N [adc counts]
side P [adc counts]

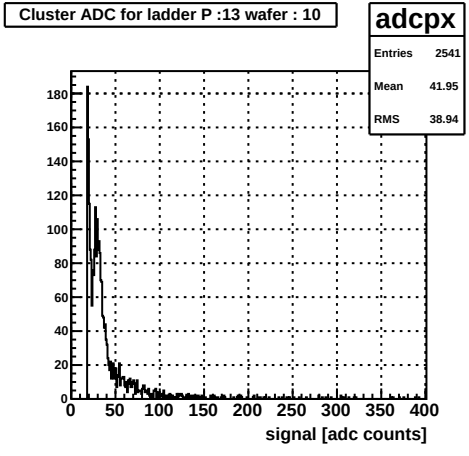

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 4251
Mean 29.01
RMS 30.18
signal [adc counts]

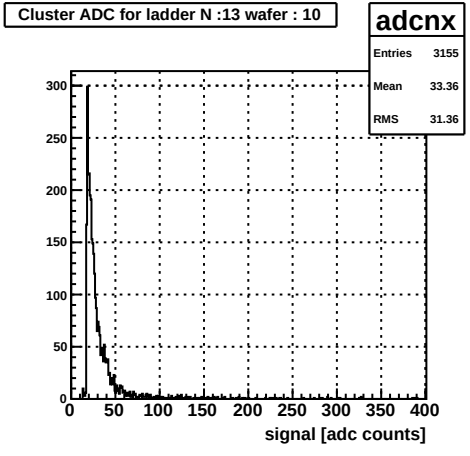

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 4470
Mean 29.63
RMS 28.97
signal [adc counts]

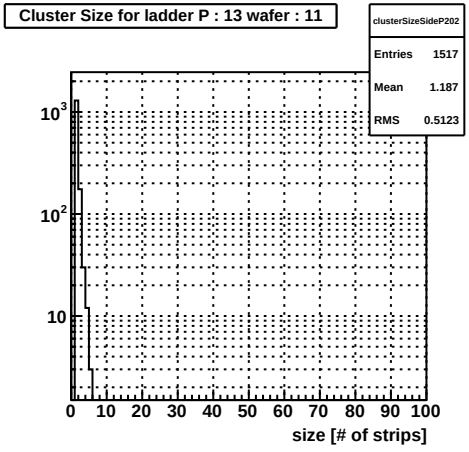

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 2541
Mean 1.155
RMS 0.4762
size [# of strips]

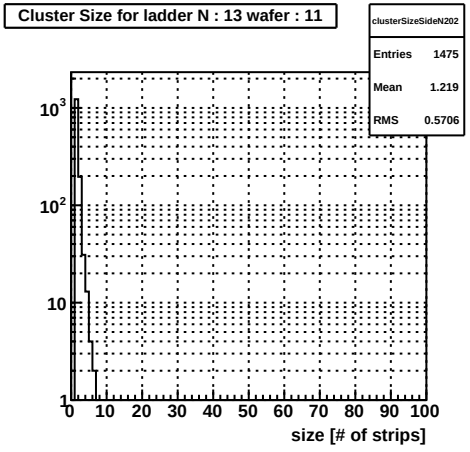

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 3155
Mean 1.098
RMS 0.4
size [# of strips]

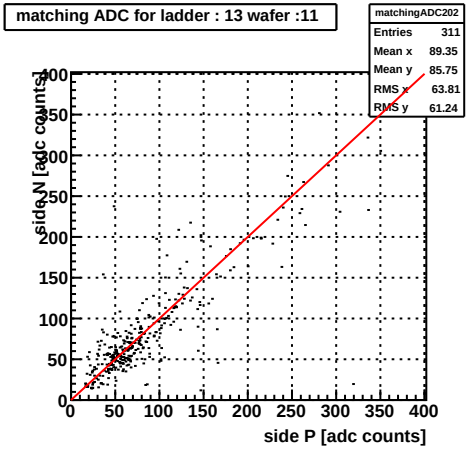

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 364
Mean x 82.93
Mean y 53.77
RMS x 71.17
RMS y 55.21
side N [adc counts]
side P [adc counts]

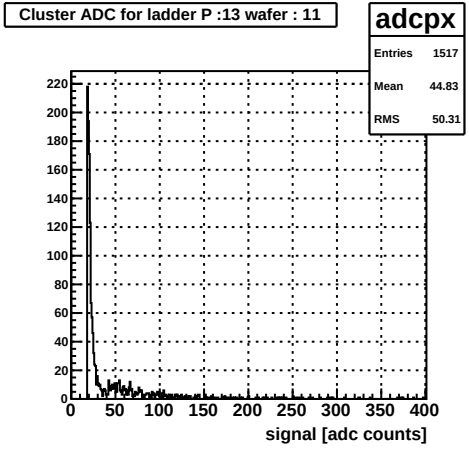

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 2541
Mean 41.95
RMS 38.94
signal [adc counts]

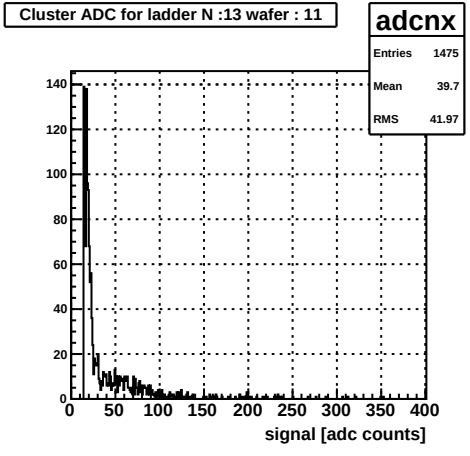

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 3155
Mean 33.36
RMS 31.36
signal [adc counts]

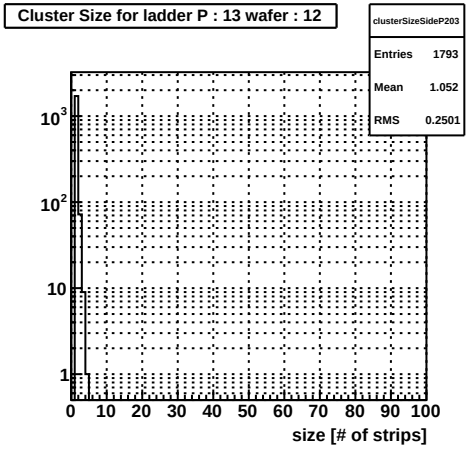

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 1517
Mean 1.187
RMS 0.5123
size [# of strips]

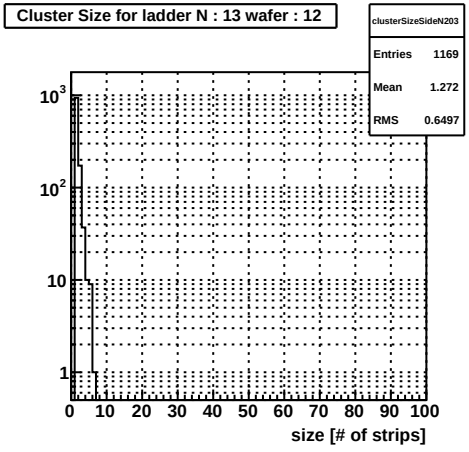

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 1475
Mean 1.219
RMS 0.5706
size [# of strips]

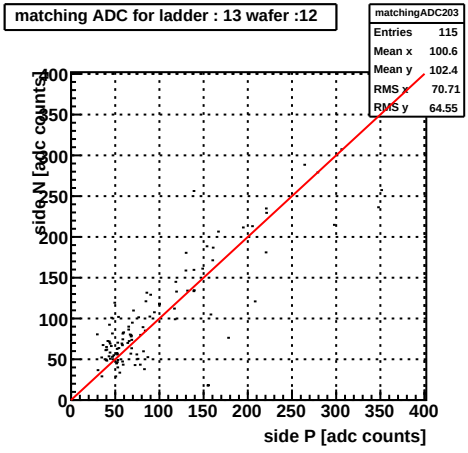

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 311
Mean x 89.35
Mean y 85.75
RMS x 63.81
RMS y 61.24
side N [adc counts]
side P [adc counts]

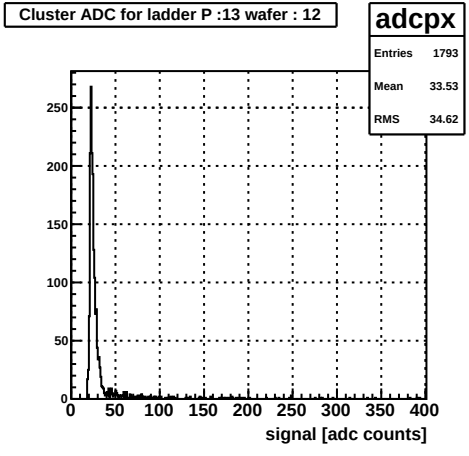

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 1517
Mean 44.83
RMS 50.31
signal [adc counts]

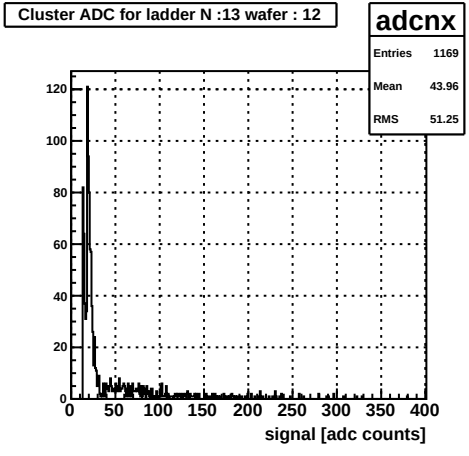

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 1475
Mean 39.7
RMS 41.97
signal [adc counts]

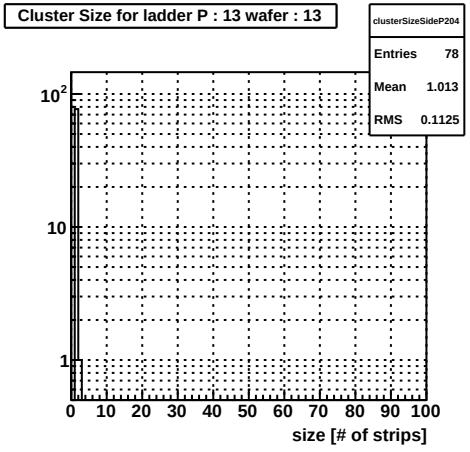

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1793
Mean 1.052
RMS 0.2501
size [# of strips]

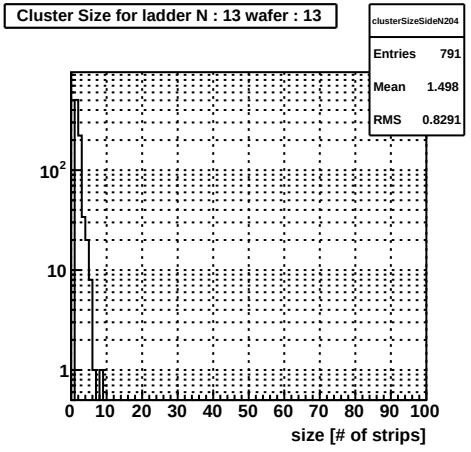

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 1169
Mean 1.272
RMS 0.6497
size [# of strips]

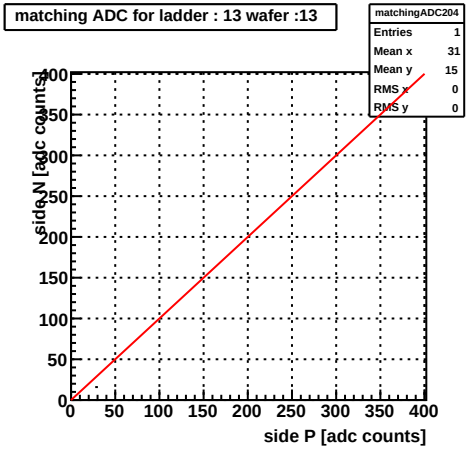

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 115
Mean x 100.6
Mean y 102.4
RMS x 70.71
RMS y 64.55
side N [adc counts]
side P [adc counts]

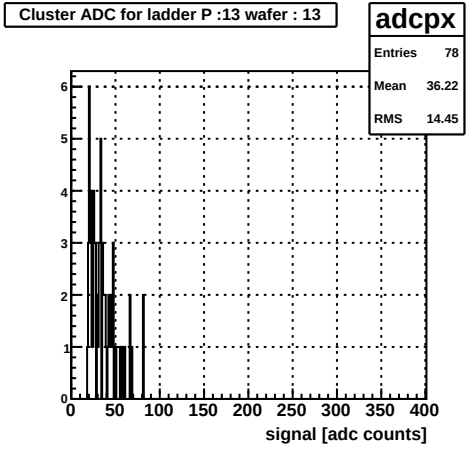

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1793
Mean 33.53
RMS 34.62
signal [adc counts]

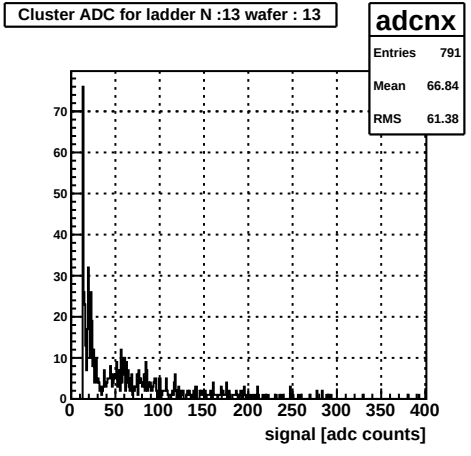

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 1169
Mean 43.96
RMS 51.25
signal [adc counts]

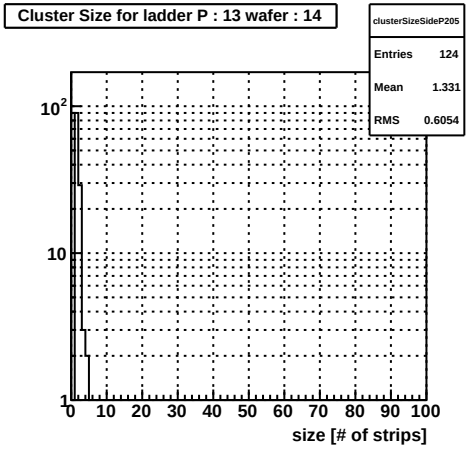

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 78
Mean 1.013
RMS 0.1125
size [# of strips]

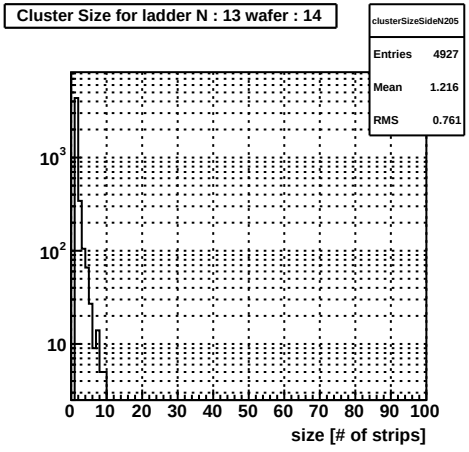

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 791
Mean 1.498
RMS 0.8291
size [# of strips]

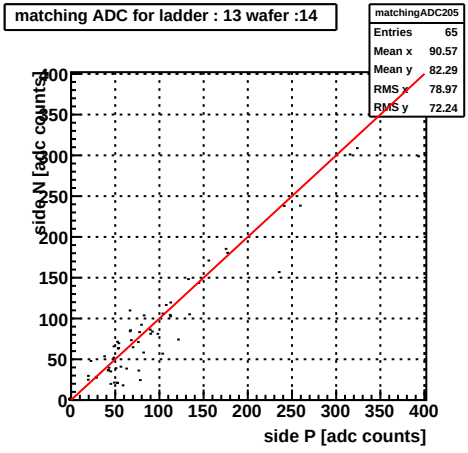

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 1
Mean x 31
Mean y 15
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

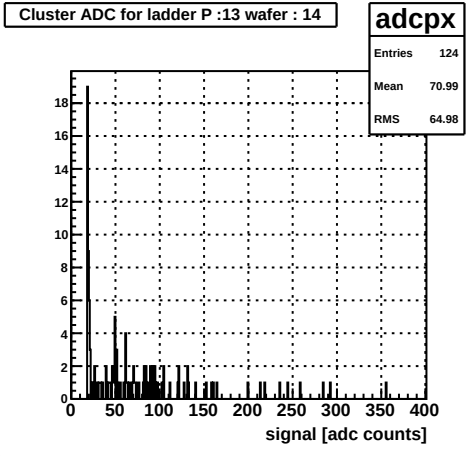

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 78
Mean 36.22
RMS 14.45
signal [adc counts]

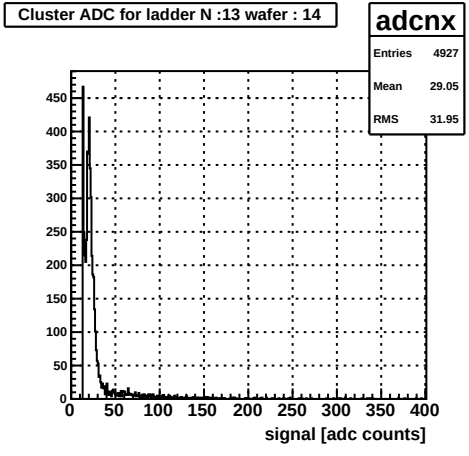

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 791
Mean 66.84
RMS 61.38
signal [adc counts]

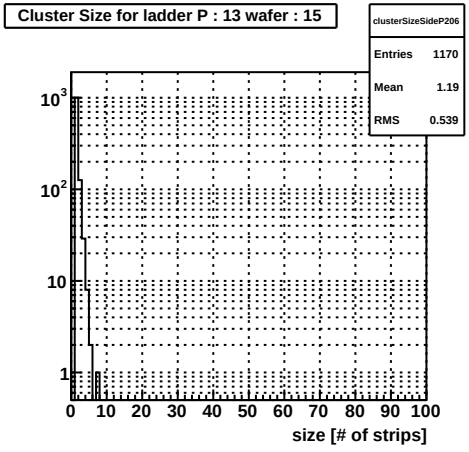

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 124
Mean 1.331
RMS 0.6054
size [# of strips]

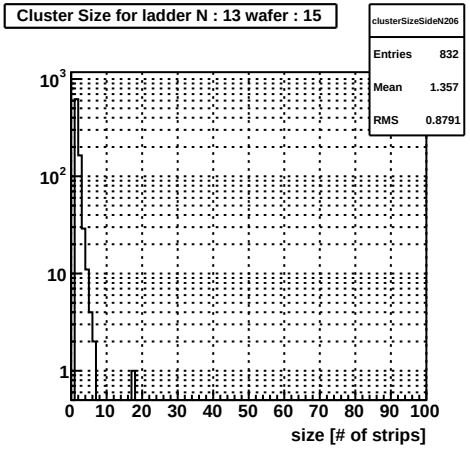

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 4927
Mean 1.216
RMS 0.761
size [# of strips]

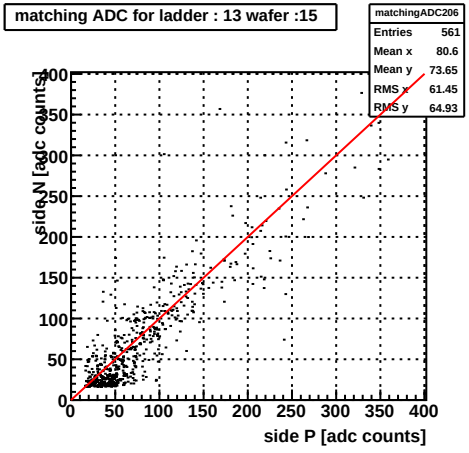

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 65
Mean x 90.57
Mean y 82.29
RMS x 78.97
RMS y 72.24
side N [adc counts]
side P [adc counts]

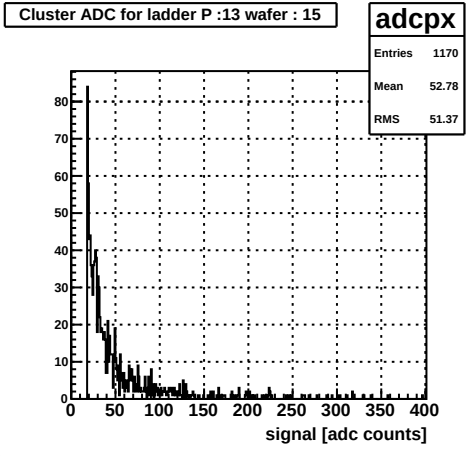

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 124
Mean 70.99
RMS 64.98
signal [adc counts]

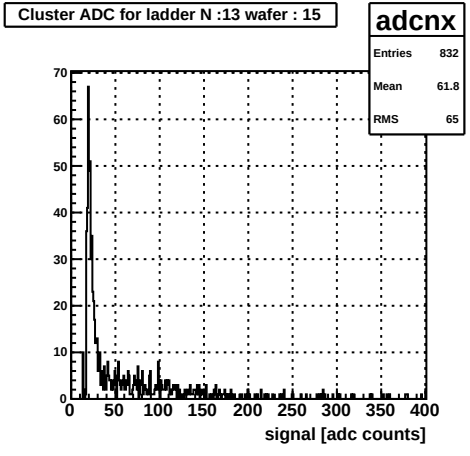

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 4927
Mean 29.05
RMS 31.95
signal [adc counts]

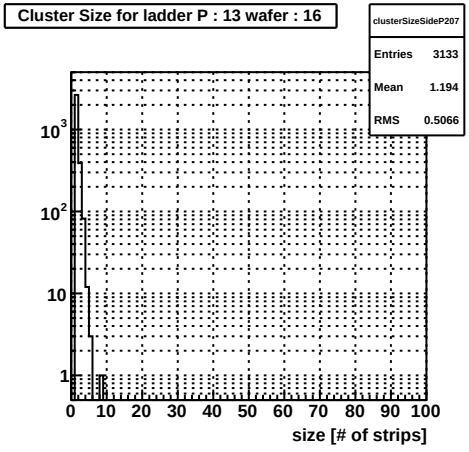

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 1170
Mean 1.19
RMS 0.539
size [# of strips]

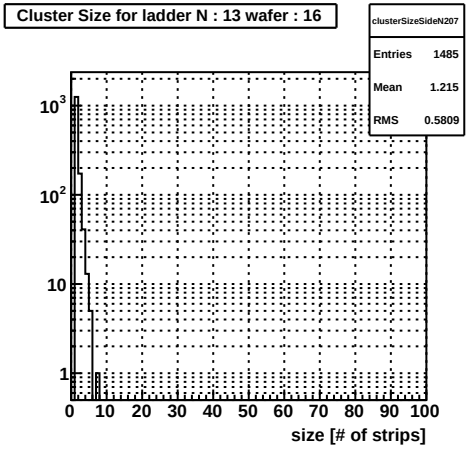

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 832
Mean 1.357
RMS 0.8791
size [# of strips]

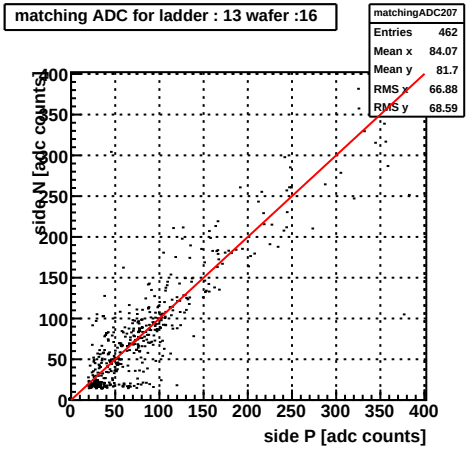

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 561
Mean x 80.6
Mean y 73.65
RMS x 61.45
RMS y 64.93
side N [adc counts]
side P [adc counts]

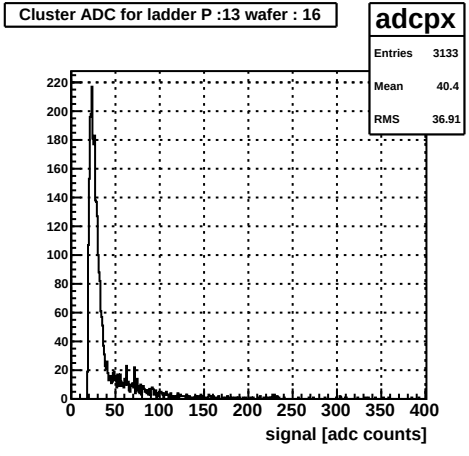

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 1170
Mean 52.78
RMS 51.37
signal [adc counts]

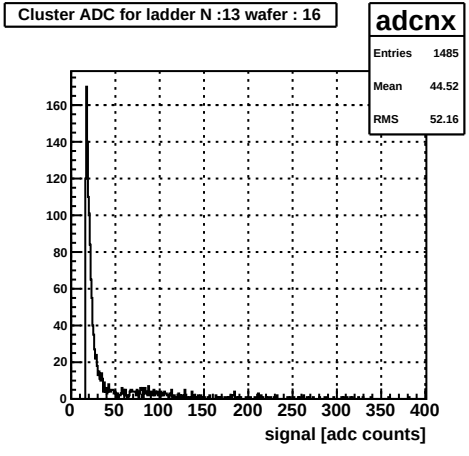

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 832
Mean 61.8
RMS 65
signal [adc counts]

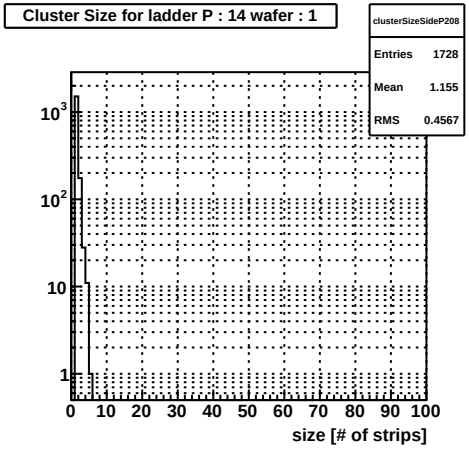

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 3133
Mean 1.194
RMS 0.5066
size [# of strips]

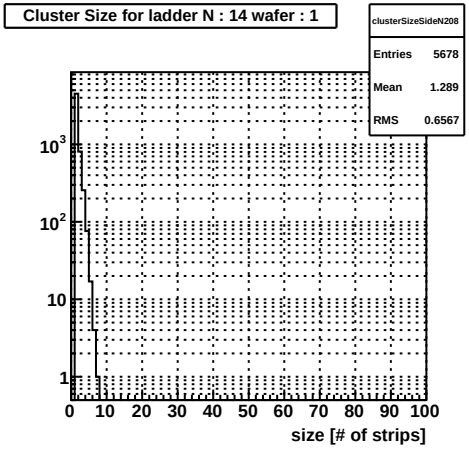

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 1485
Mean 1.215
RMS 0.5809
size [# of strips]

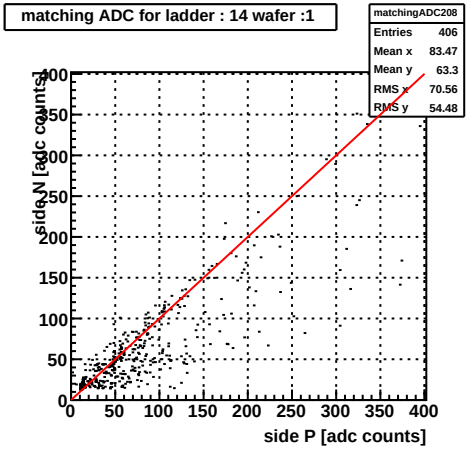

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 462
Mean x 84.07
Mean y 81.7
RMS x 66.88
RMS y 68.59
side N [adc counts]
side P [adc counts]

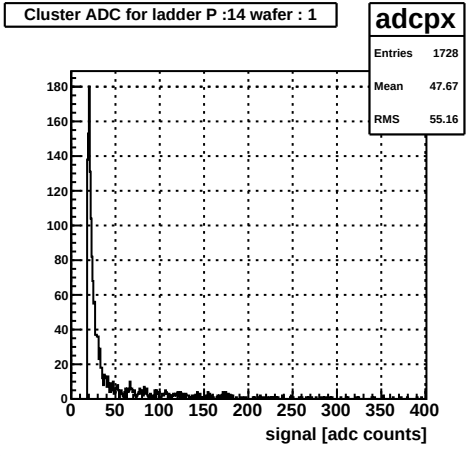

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 3133
Mean 40.4
RMS 36.91
signal [adc counts]

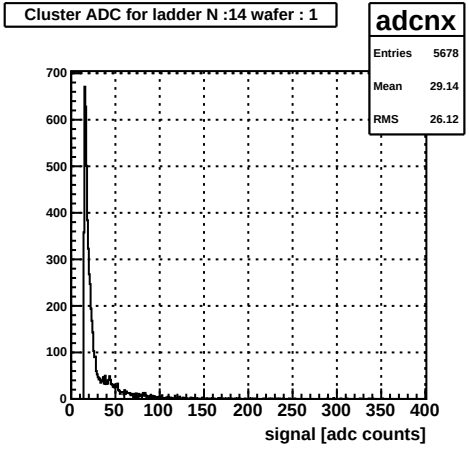

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 1485
Mean 44.52
RMS 52.16
signal [adc counts]

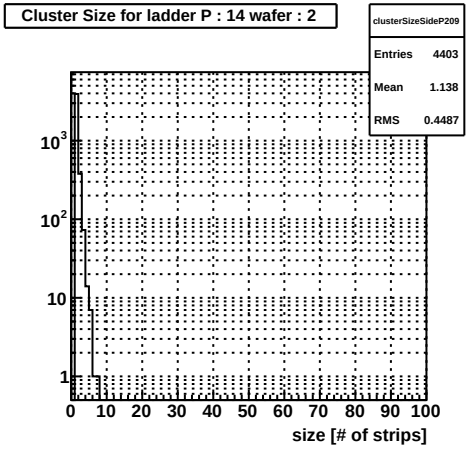

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 1728
Mean 1.155
RMS 0.4567
size [# of strips]

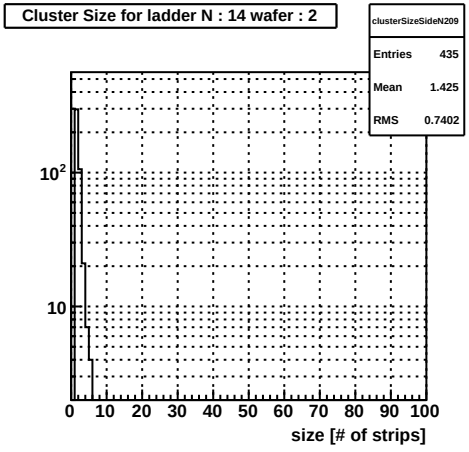

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 5678
Mean 1.289
RMS 0.6567
size [# of strips]

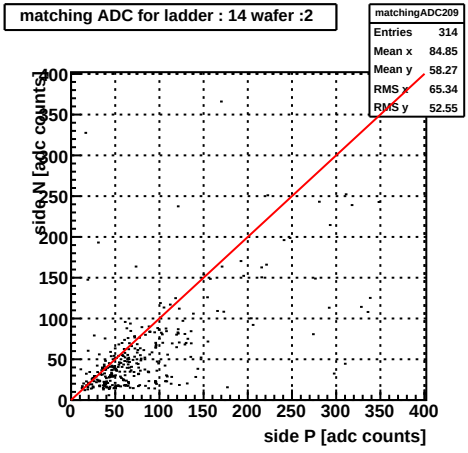

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 406
Mean x 83.47
Mean y 63.3
RMS x 70.56
RMS y 54.48
side N [adc counts]
side P [adc counts]

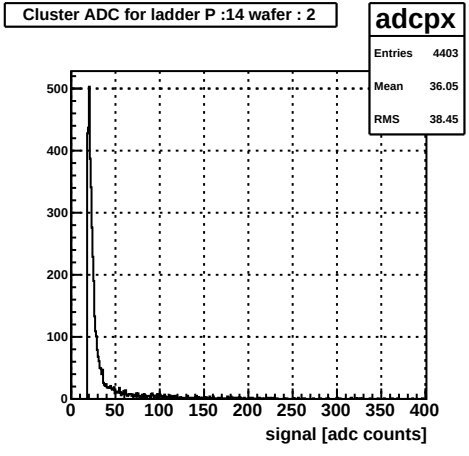

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 1728
Mean 47.67
RMS 55.16
signal [adc counts]

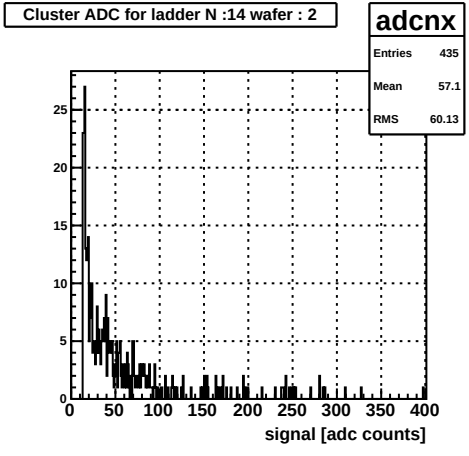

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 5678
Mean 29.14
RMS 26.12
signal [adc counts]

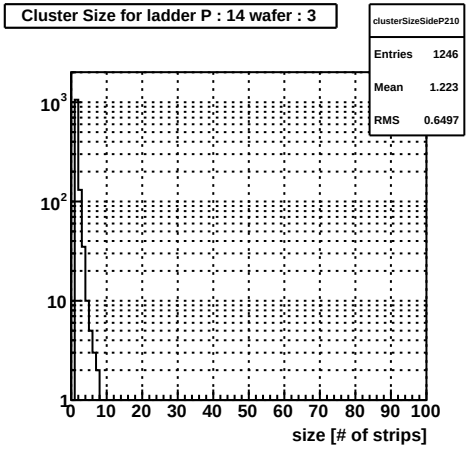

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 4403
Mean 1.138
RMS 0.4487
size [# of strips]

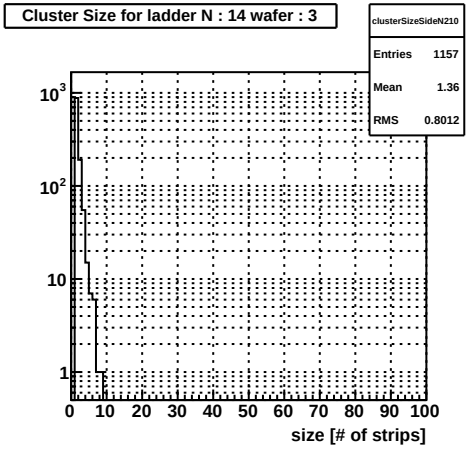

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 435
Mean 1.425
RMS 0.7402
size [# of strips]

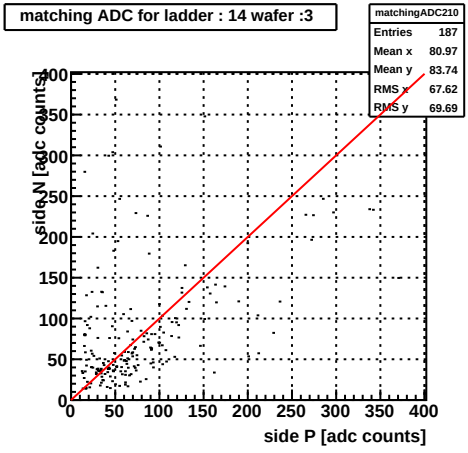

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 314
Mean x 84.85
Mean y 58.27
RMS x 65.34
RMS y 52.55
side N [adc counts]
side P [adc counts]

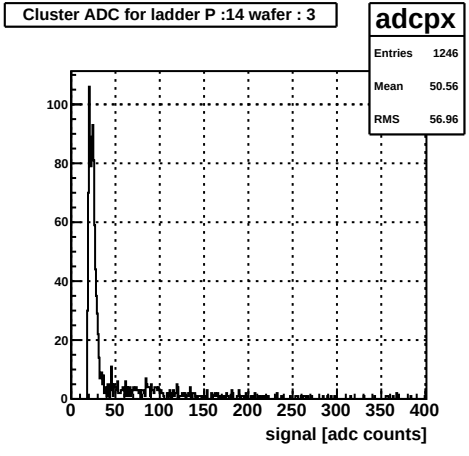

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 4403
Mean 36.05
RMS 38.45
signal [adc counts]

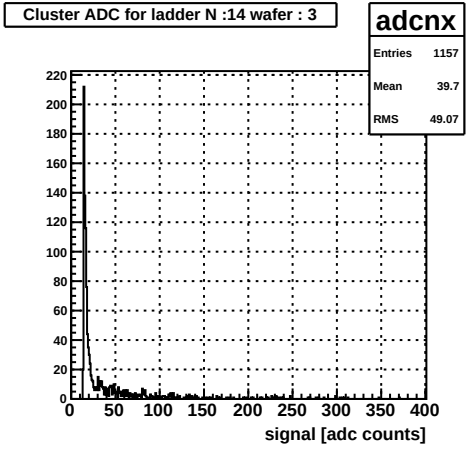

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 435
Mean 57.1
RMS 60.13
signal [adc counts]

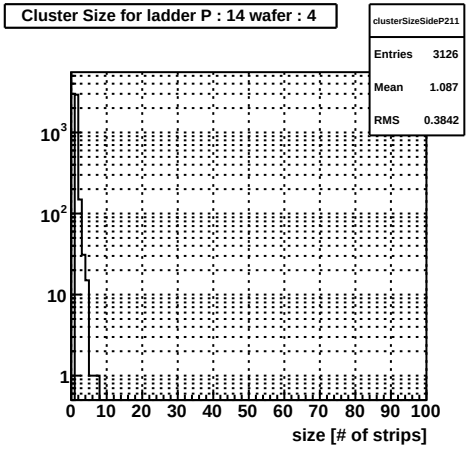

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 1246
Mean 1.223
RMS 0.6497
size [# of strips]

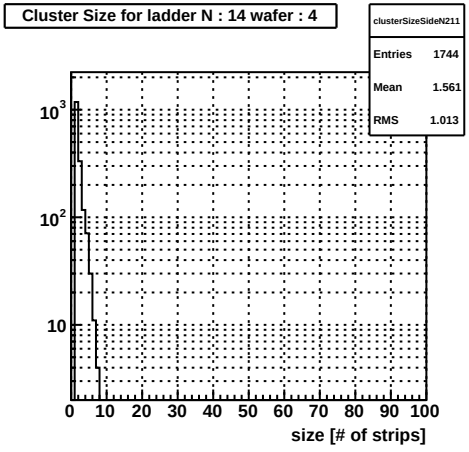

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 1157
Mean 1.36
RMS 0.8012
size [# of strips]

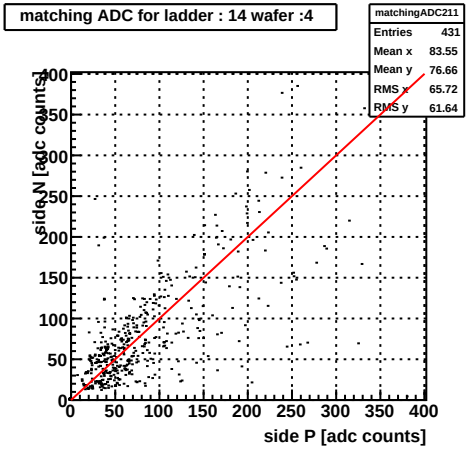

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 187
Mean x 80.97
Mean y 83.74
RMS x 67.62
RMS y 69.69
side N [adc counts]
side P [adc counts]

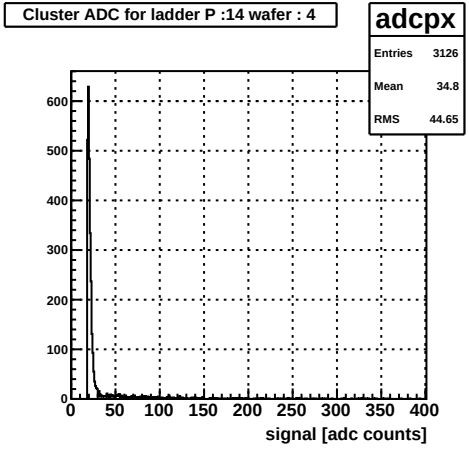

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 1246
Mean 50.56
RMS 56.96
signal [adc counts]

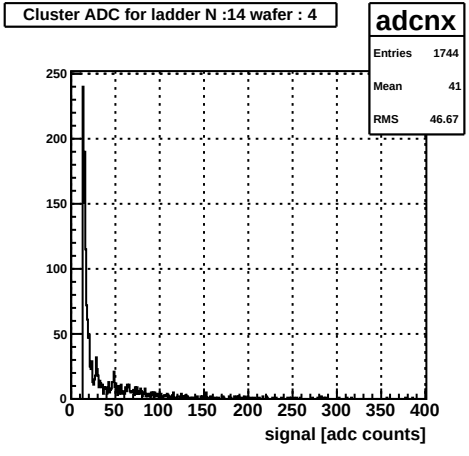

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 1157
Mean 39.7
RMS 49.07
signal [adc counts]

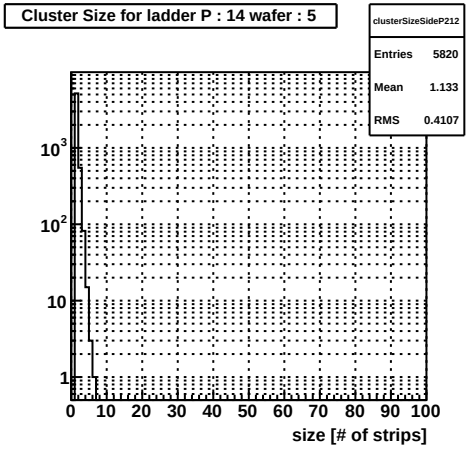

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 3126
Mean 1.087
RMS 0.3842
size [# of strips]

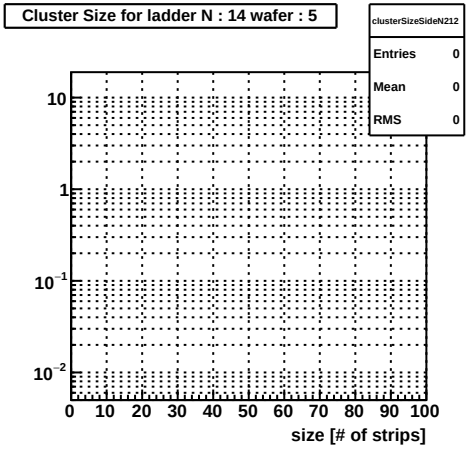

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 1744
Mean 1.561
RMS 1.013
size [# of strips]

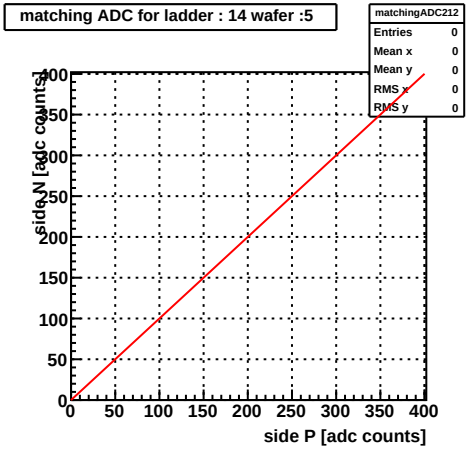

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 431
Mean x 83.55
Mean y 76.66
RMS x 65.72
RMS y 61.64
side N [adc counts]
side P [adc counts]

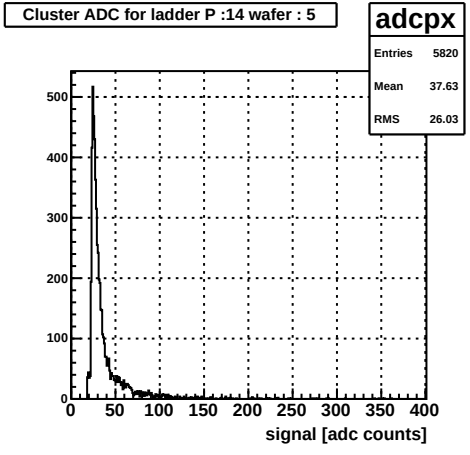

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 3126
Mean 34.8
RMS 44.65
signal [adc counts]

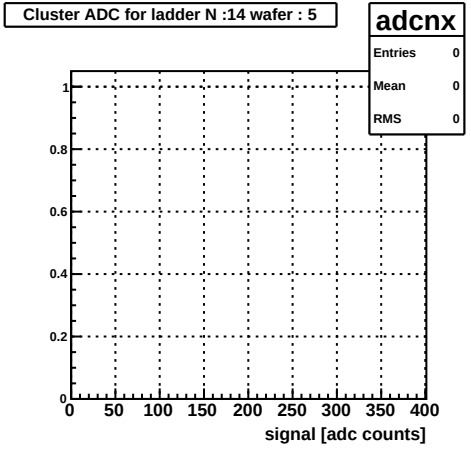

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 1744
Mean 41
RMS 46.67
signal [adc counts]

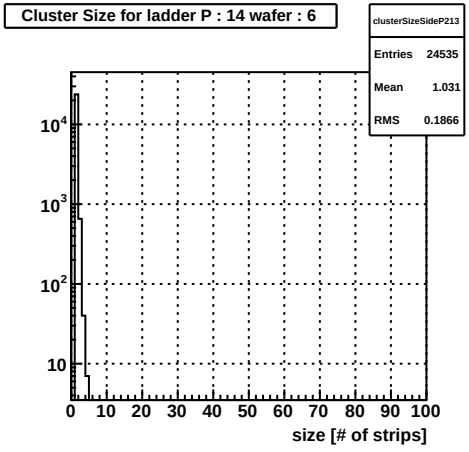

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 5820
Mean 1.133
RMS 0.4107
size [# of strips]

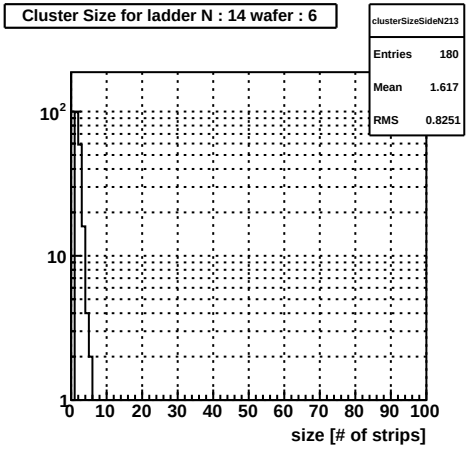

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

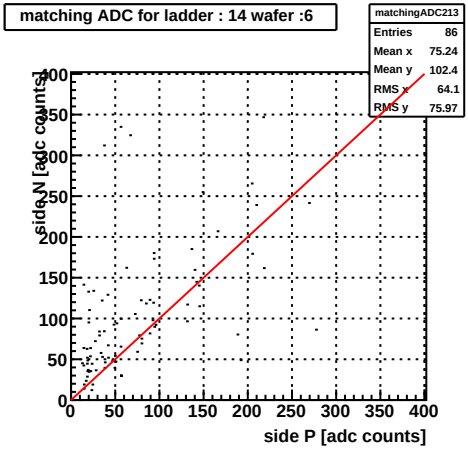

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

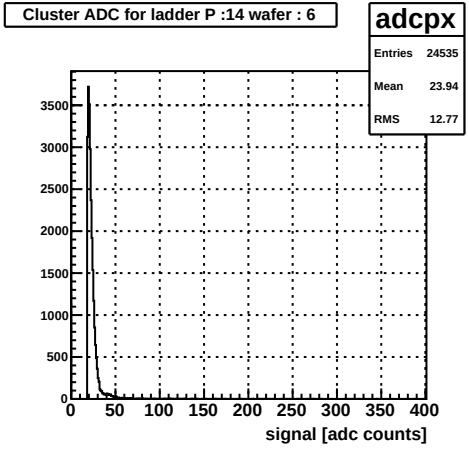

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 5820
Mean 37.63
RMS 26.03
signal [adc counts]

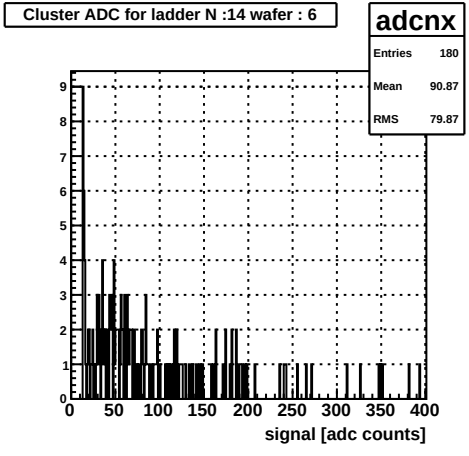

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

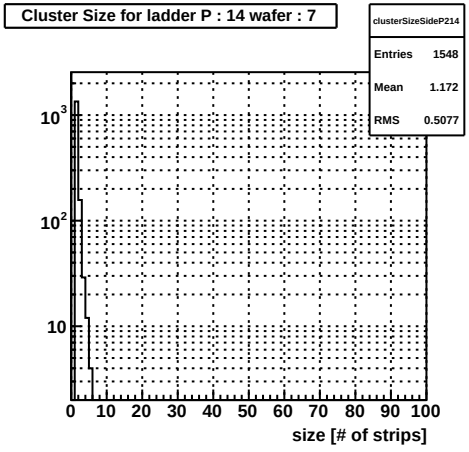

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 24535
Mean 1.031
RMS 0.1866
size [# of strips]

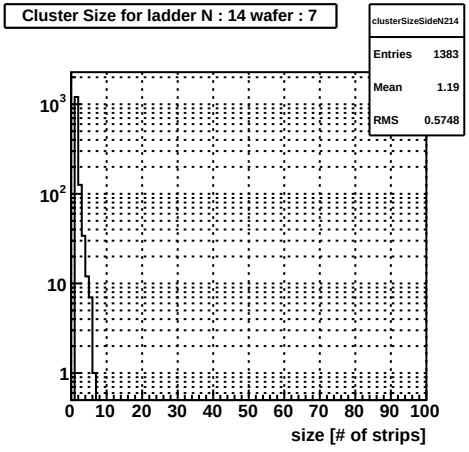

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 180
Mean 1.617
RMS 0.8251
size [# of strips]

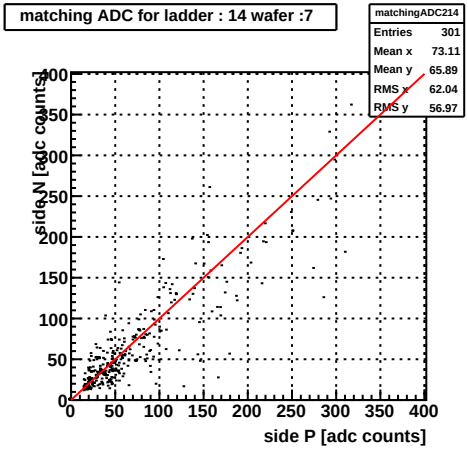

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 86
Mean x 75.24
Mean y 102.4
RMS x 64.1
RMS y 75.97
side N [adc counts]
side P [adc counts]

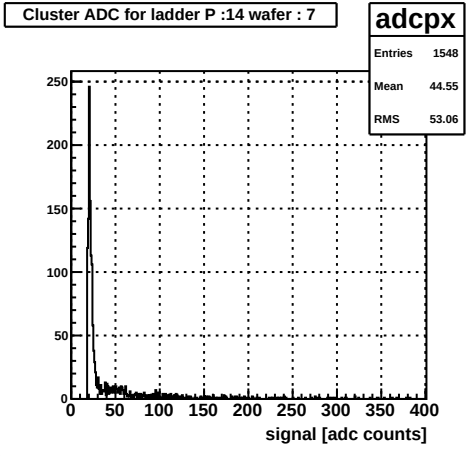

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 24535
Mean 23.94
RMS 12.77
signal [adc counts]

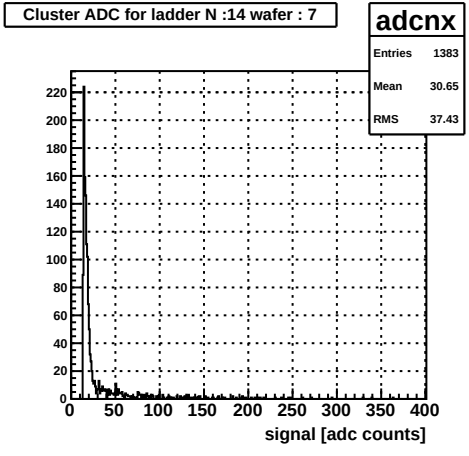

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 180
Mean 90.87
RMS 79.87
signal [adc counts]

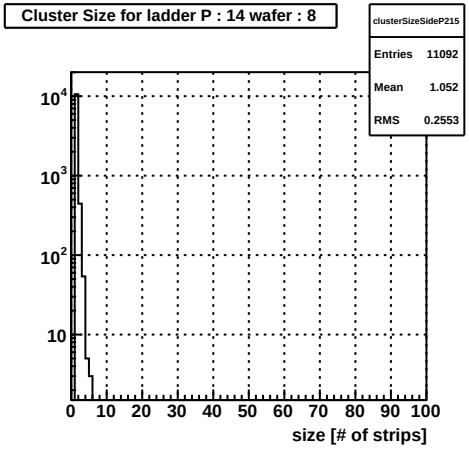

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 1548
Mean 1.172
RMS 0.5077
size [# of strips]

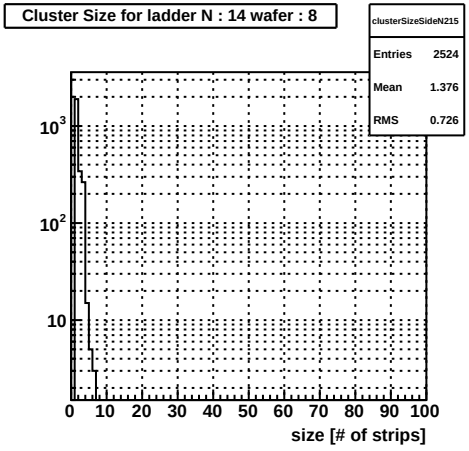

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 1383
Mean 1.19
RMS 0.5748
size [# of strips]

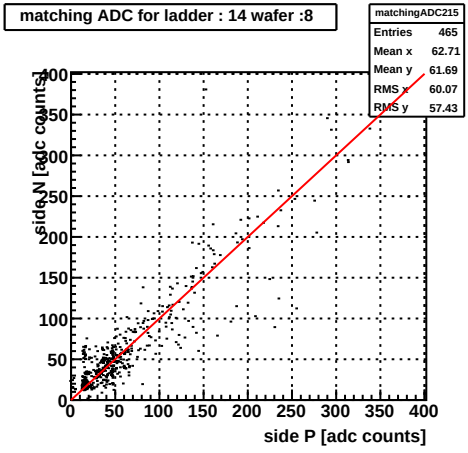

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 301
Mean x 73.11
Mean y 65.89
RMS x 62.04
RMS y 56.97
side N [adc counts]
side P [adc counts]

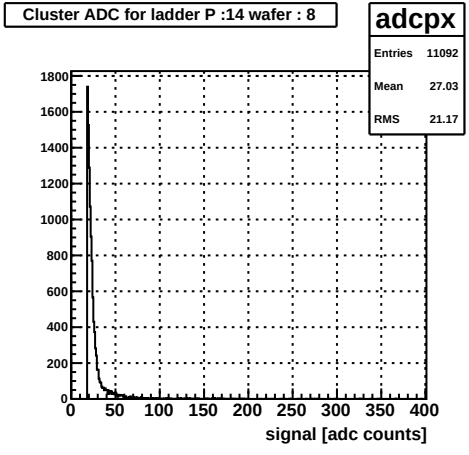

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 1548
Mean 44.55
RMS 53.06
signal [adc counts]

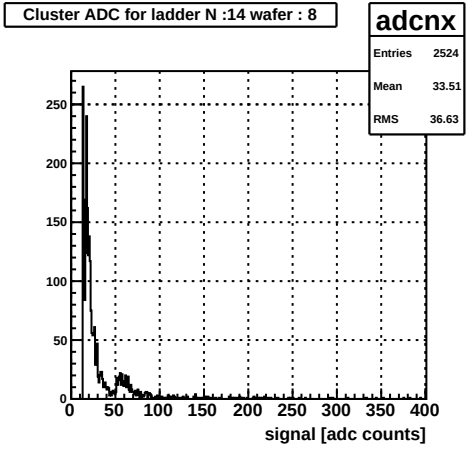

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 1383
Mean 30.65
RMS 37.43
signal [adc counts]

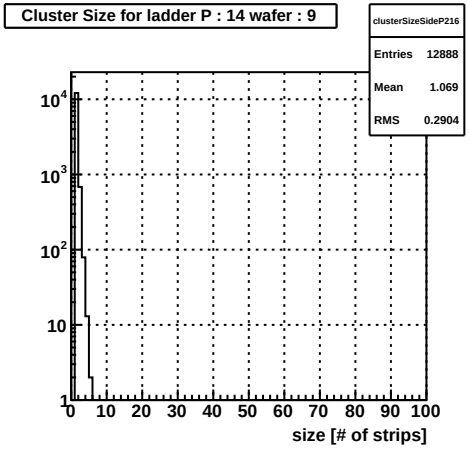

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 11092
Mean 1.052
RMS 0.2553
size [# of strips]

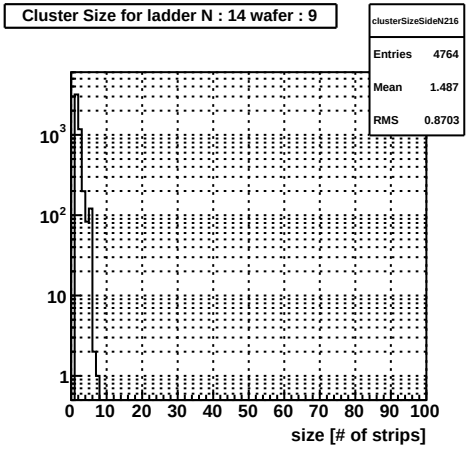

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 2524
Mean 1.376
RMS 0.726
size [# of strips]

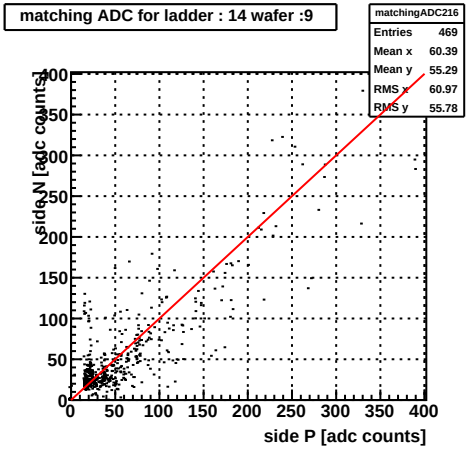

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 465
Mean x 62.71
Mean y 61.69
RMS x 60.07
RMS y 57.43
side N [adc counts]
side P [adc counts]

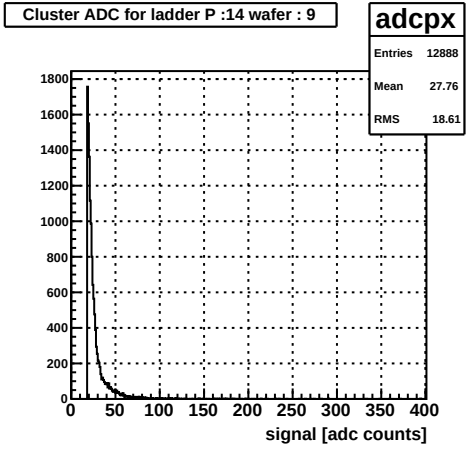

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 11092
Mean 27.03
RMS 21.17
signal [adc counts]

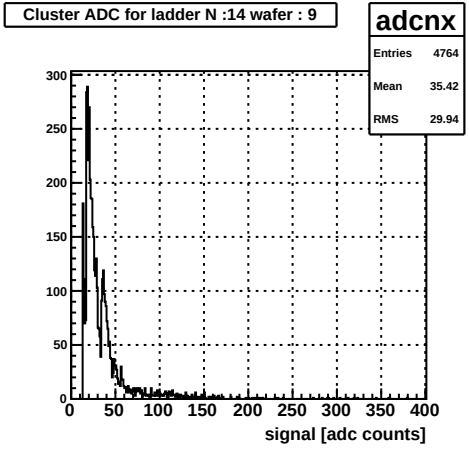

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 2524
Mean 33.51
RMS 36.63
signal [adc counts]

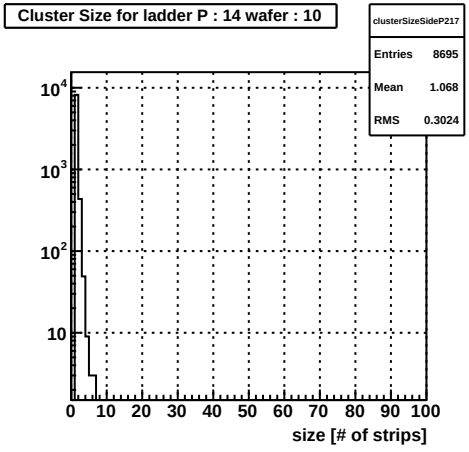

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 12888
Mean 1.069
RMS 0.2904
size [# of strips]

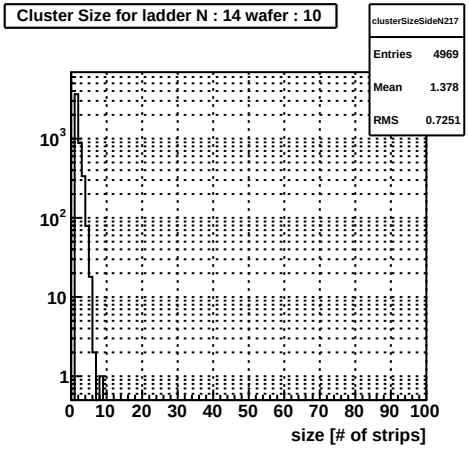

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 4764
Mean 1.487
RMS 0.8703
size [# of strips]

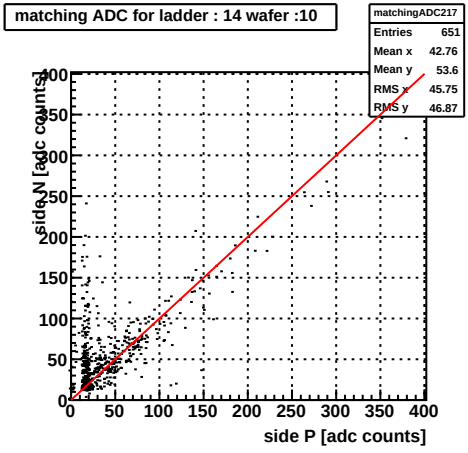

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 469
Mean x 60.39
Mean y 55.29
RMS x 60.97
RMS y 55.78
side N [adc counts]
side P [adc counts]

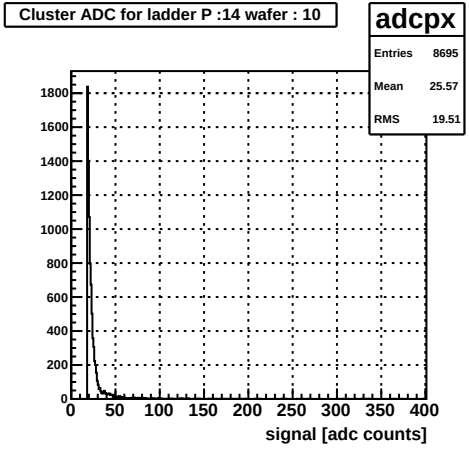

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 12888
Mean 27.76
RMS 18.61
signal [adc counts]

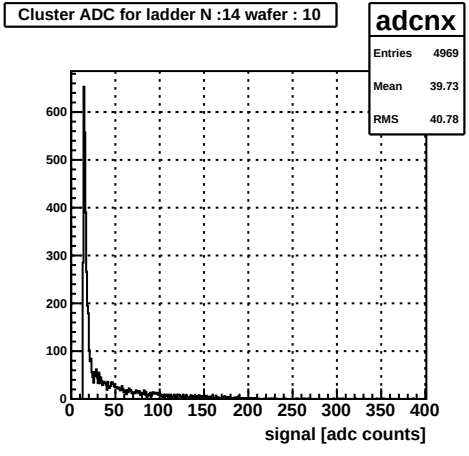

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 4764
Mean 35.42
RMS 29.94
signal [adc counts]

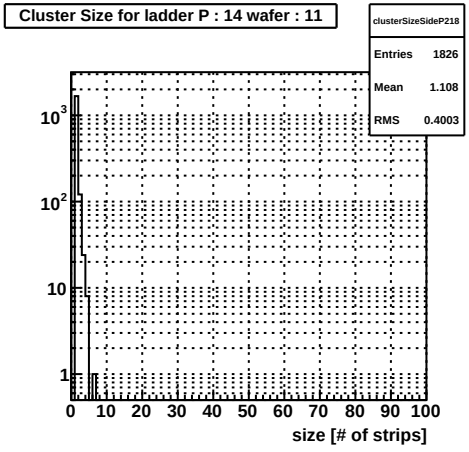

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 8695
Mean 1.068
RMS 0.3024
size [# of strips]

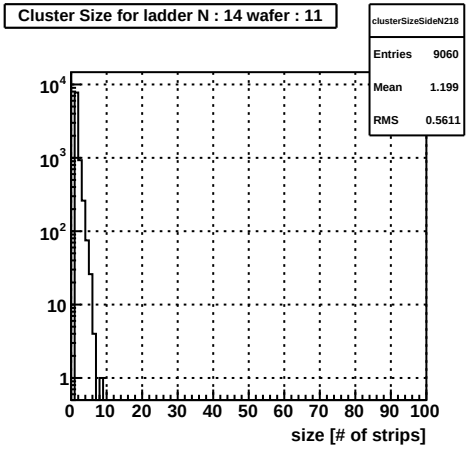

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 4969
Mean 1.378
RMS 0.7251
size [# of strips]

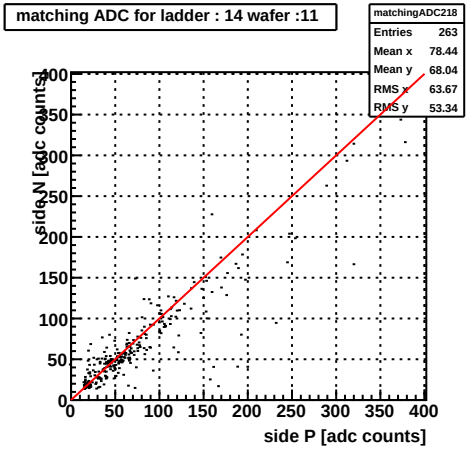

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 651
Mean x 42.76
Mean y 53.6
RMS x 45.75
RMS y 46.87
side N [adc counts]
side P [adc counts]

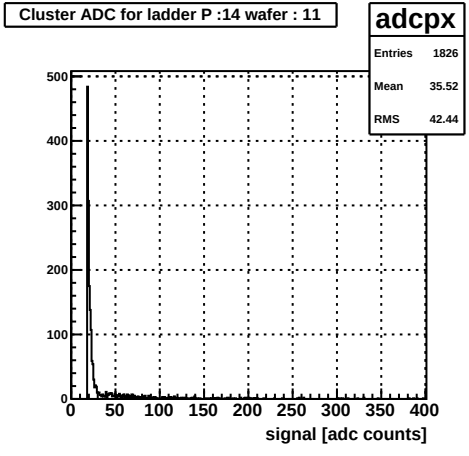

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 8695
Mean 25.57
RMS 19.51
signal [adc counts]

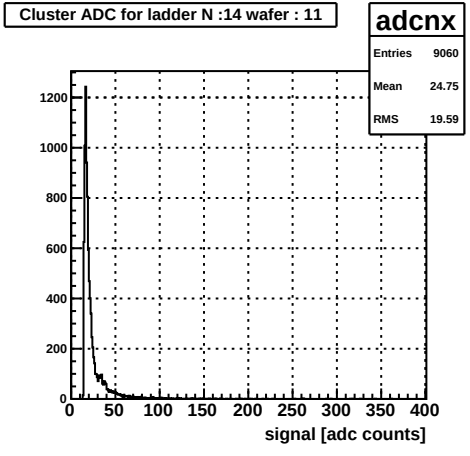

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 4969
Mean 39.73
RMS 40.78
signal [adc counts]

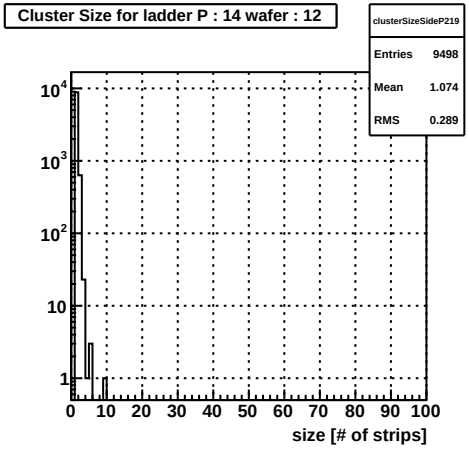

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 1826
Mean 1.108
RMS 0.4003
size [# of strips]

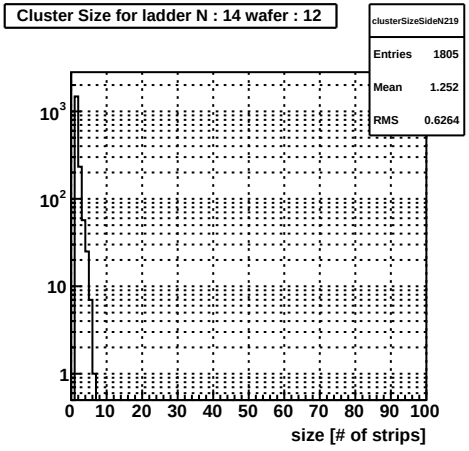

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 9060
Mean 1.199
RMS 0.5611
size [# of strips]

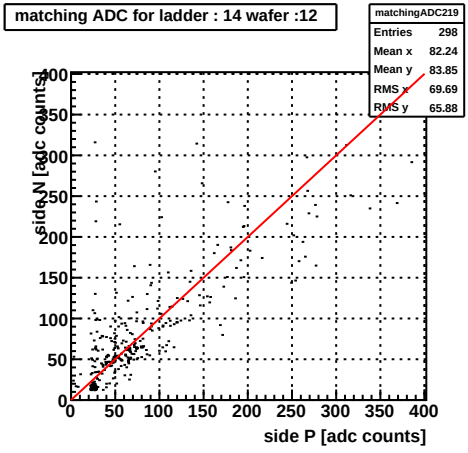

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 263
Mean x 78.44
Mean y 68.04
RMS x 63.67
RMS y 53.34
side N [adc counts]
side P [adc counts]

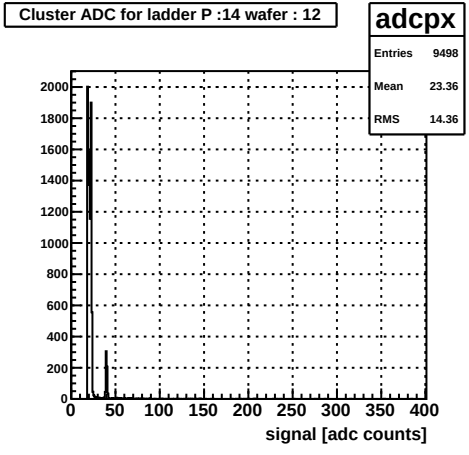

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 1826
Mean 35.52
RMS 42.44
signal [adc counts]

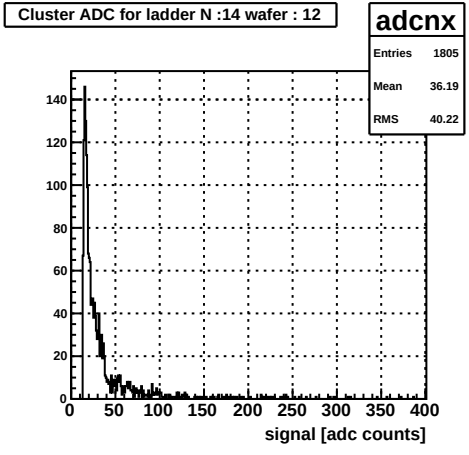

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 9060
Mean 24.75
RMS 19.59
signal [adc counts]

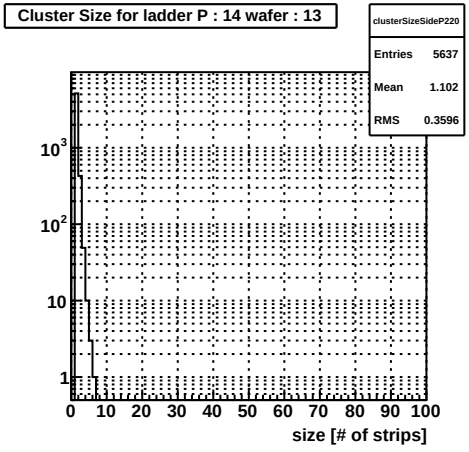

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 9498
Mean 1.074
RMS 0.289
size [# of strips]

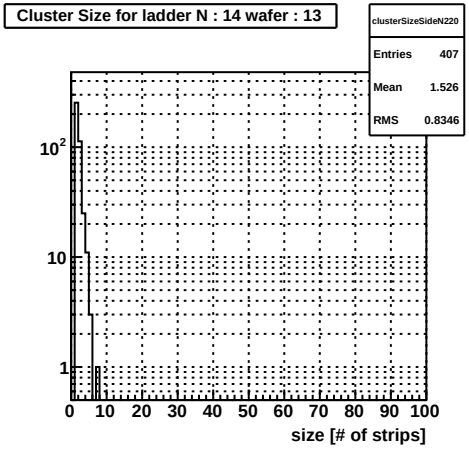

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 1805
Mean 1.252
RMS 0.6264
size [# of strips]

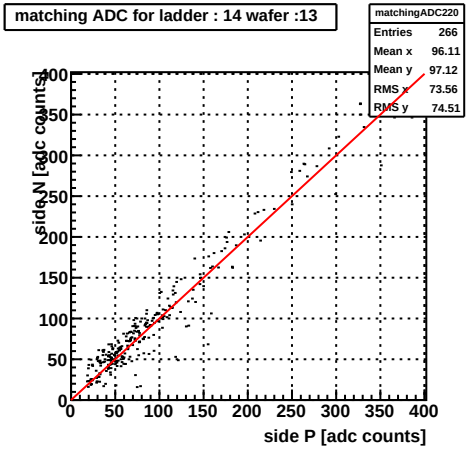

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 298
Mean x 82.24
Mean y 83.85
RMS x 69.69
RMS y 65.88
side N [adc counts]
side P [adc counts]

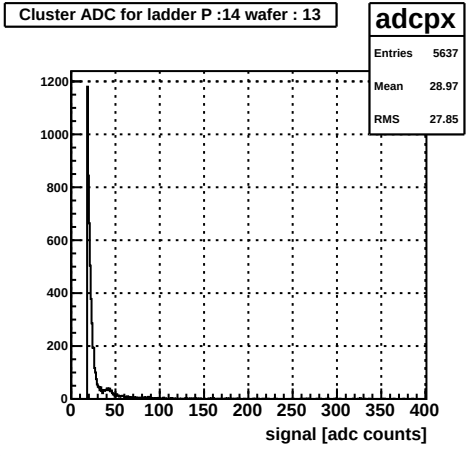

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 9498
Mean 23.36
RMS 14.36
signal [adc counts]

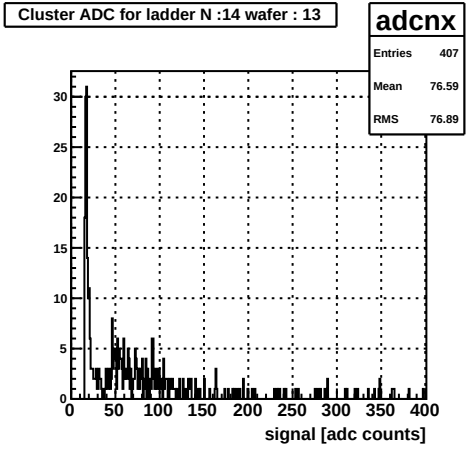

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 1805
Mean 36.19
RMS 40.22
signal [adc counts]

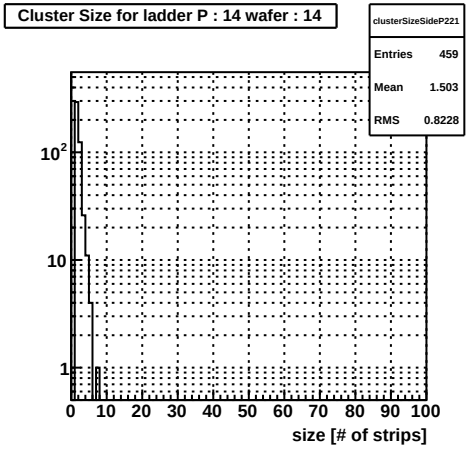

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 5637
Mean 1.102
RMS 0.3596
size [# of strips]

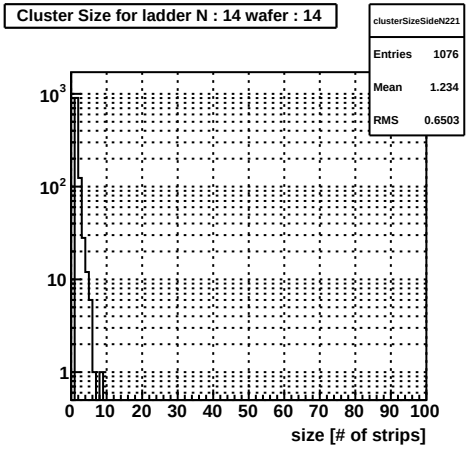

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 407
Mean 1.526
RMS 0.8346
size [# of strips]

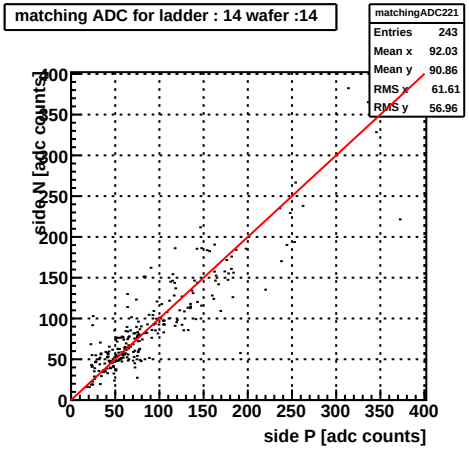

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 266
Mean x 96.11
Mean y 97.12
RMS x 73.56
RMS y 74.51
side N [adc counts]
side P [adc counts]

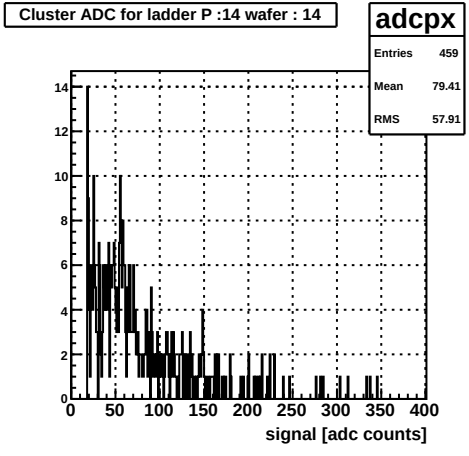

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 5637
Mean 28.97
RMS 27.85
signal [adc counts]

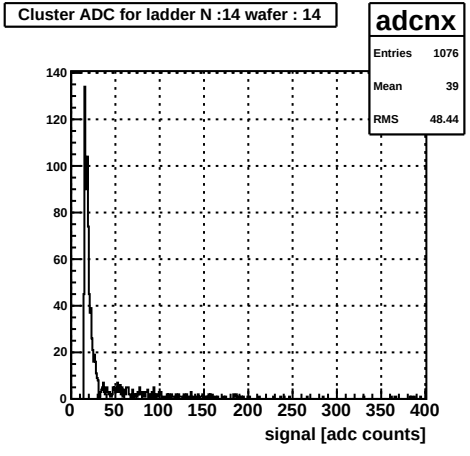

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 407
Mean 76.59
RMS 76.89
signal [adc counts]

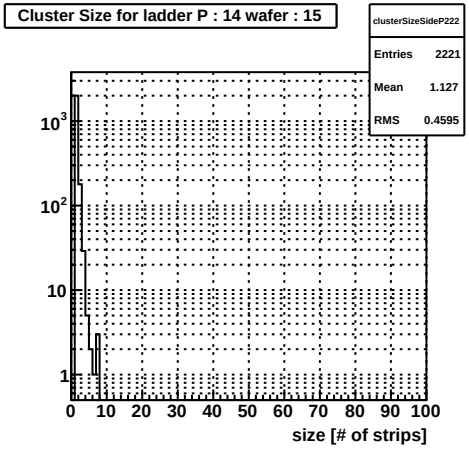

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 459
Mean 1.503
RMS 0.8228
size [# of strips]

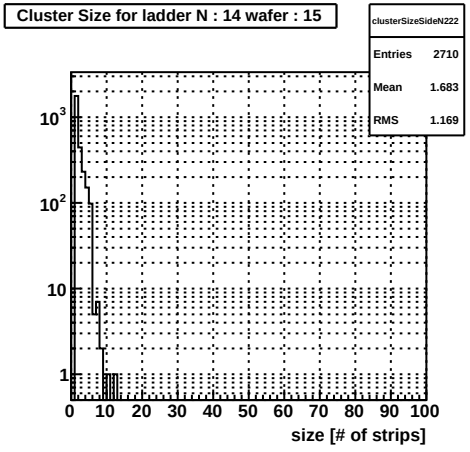

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 1076
Mean 1.234
RMS 0.6503
size [# of strips]

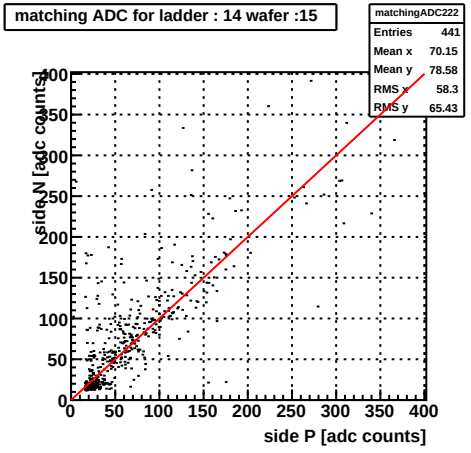

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 243
Mean x 92.03
Mean y 90.86
RMS x 61.61
RMS y 56.96
side N [adc counts]
side P [adc counts]

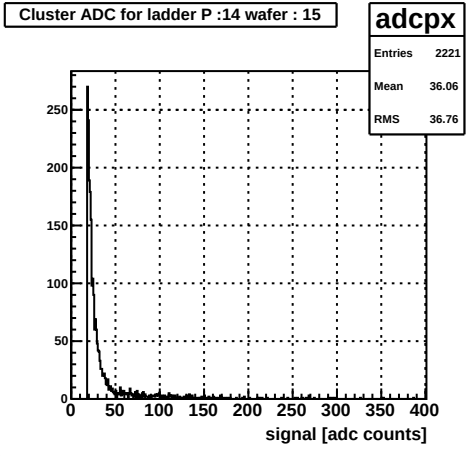

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 459
Mean 79.41
RMS 57.91
signal [adc counts]

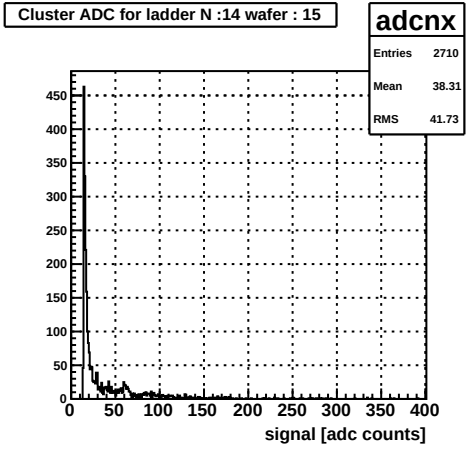

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 1076
Mean 39
RMS 48.44
signal [adc counts]

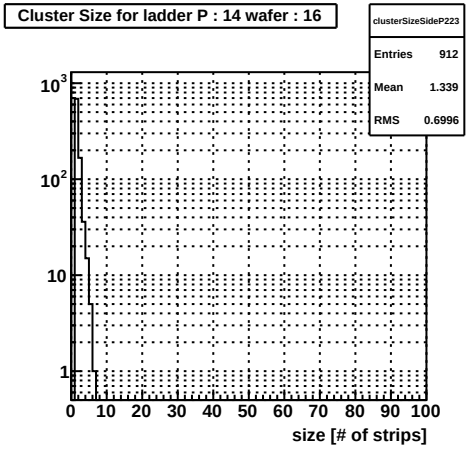

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 2221
Mean 1.127
RMS 0.4595
size [# of strips]

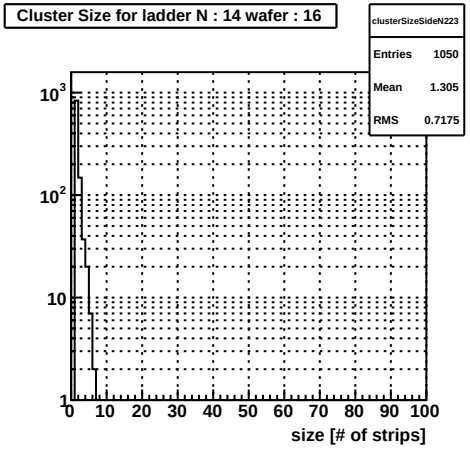

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 2710
Mean 1.683
RMS 1.169
size [# of strips]

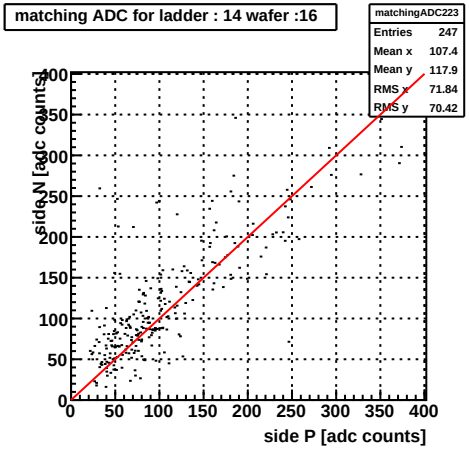

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 441
Mean x 70.15
Mean y 78.58
RMS x 58.3
RMS y 65.43
side N [adc counts]
side P [adc counts]

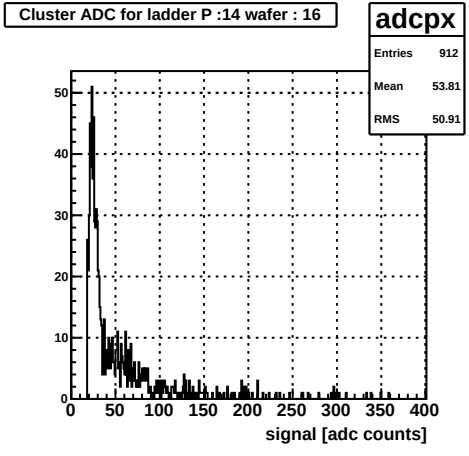

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 2221
Mean 36.06
RMS 36.76
signal [adc counts]

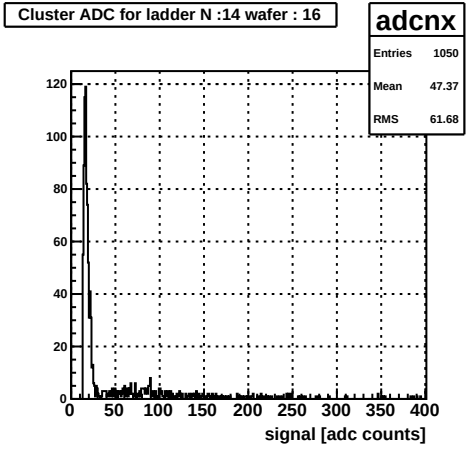

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 2710
Mean 38.31
RMS 41.73
signal [adc counts]

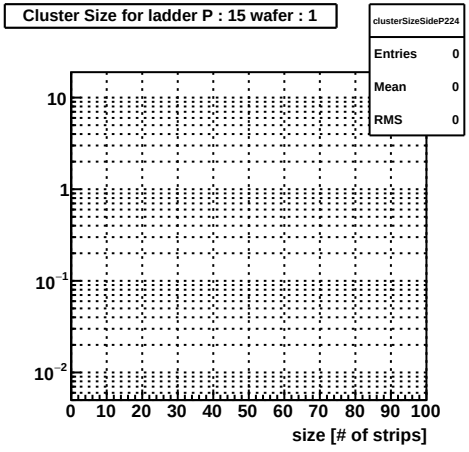

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 912
Mean 1.339
RMS 0.6996
size [# of strips]

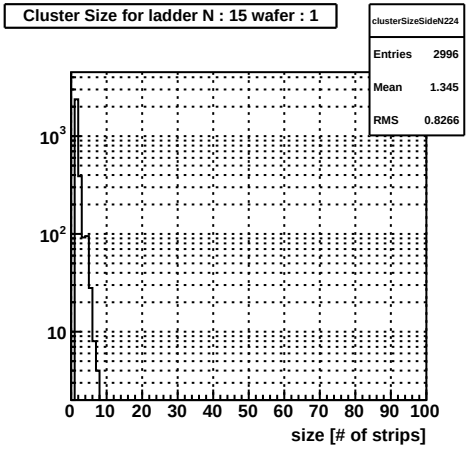

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 1050
Mean 1.305
RMS 0.7175
size [# of strips]

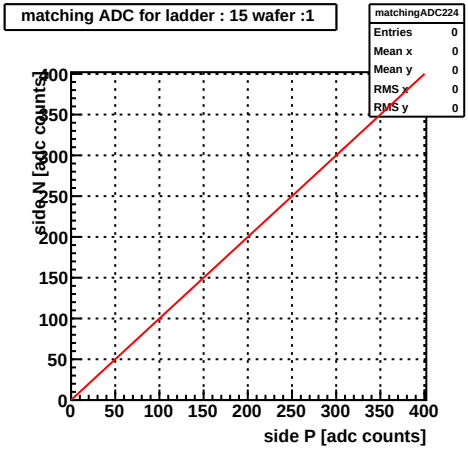

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 247
Mean x 107.4
Mean y 117.9
RMS x 71.84
RMS y 70.42
side N [adc counts]
side P [adc counts]

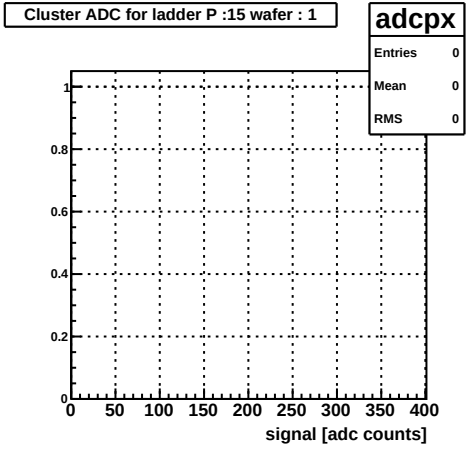

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 912
Mean 53.81
RMS 50.91
signal [adc counts]

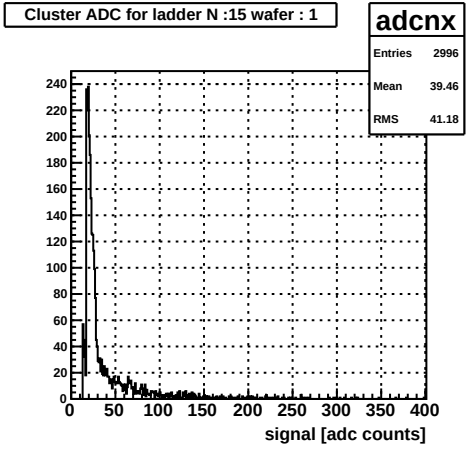

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 1050
Mean 47.37
RMS 61.68
signal [adc counts]

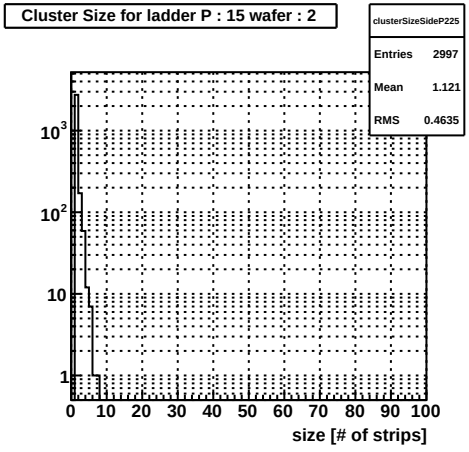

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

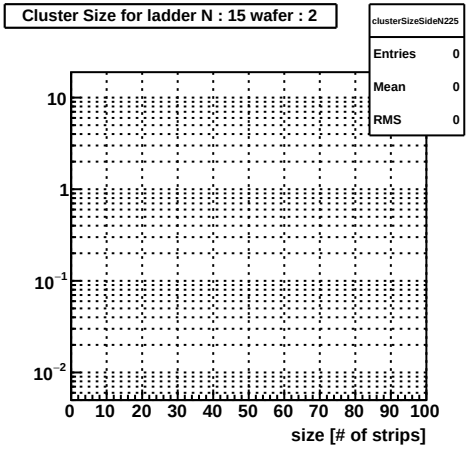

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 2996
Mean 1.345
RMS 0.8266
size [# of strips]

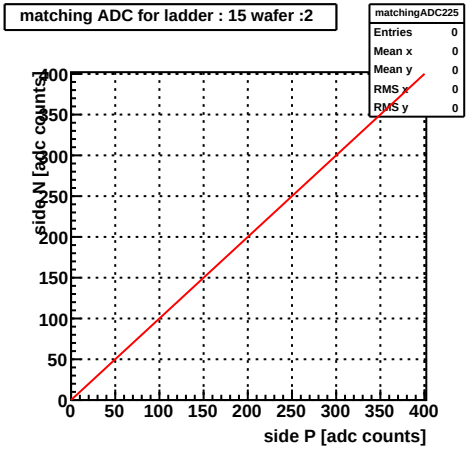

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

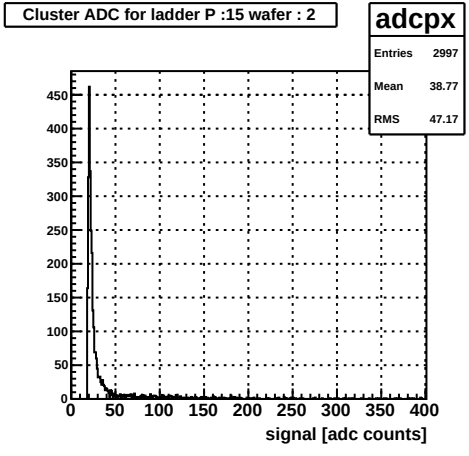

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

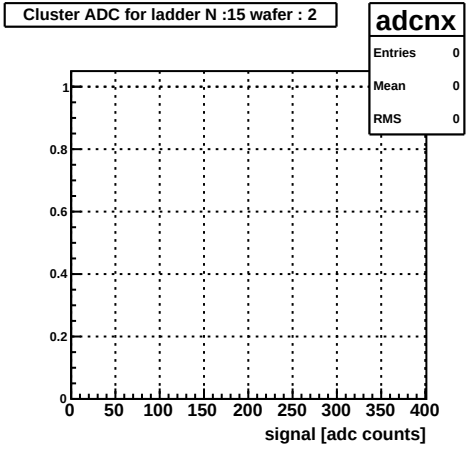

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 2996
Mean 39.46
RMS 41.18
signal [adc counts]

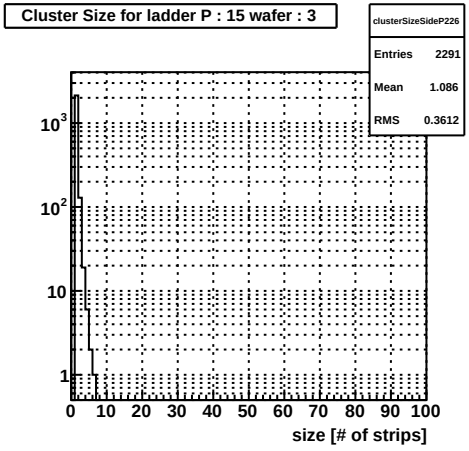

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 2997
Mean 1.121
RMS 0.4635
size [# of strips]

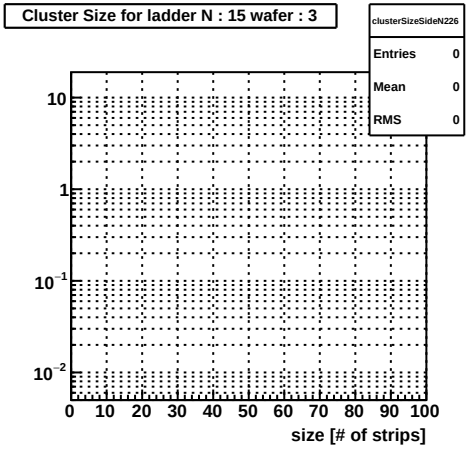

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

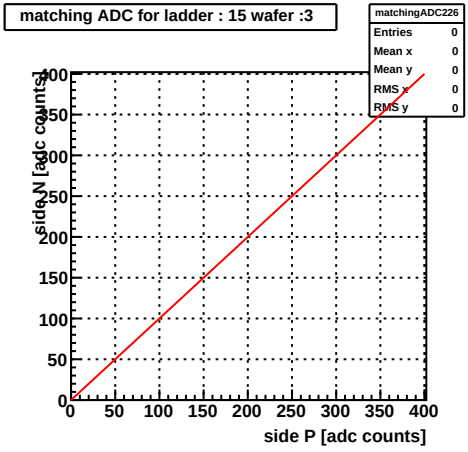

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

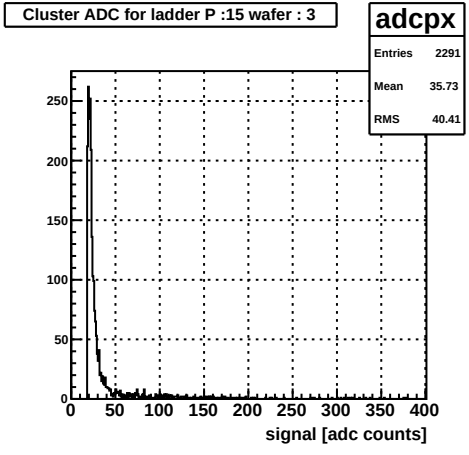

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 2997
Mean 38.77
RMS 47.17
signal [adc counts]

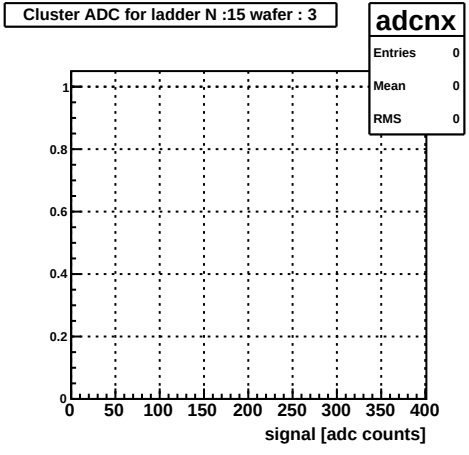

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

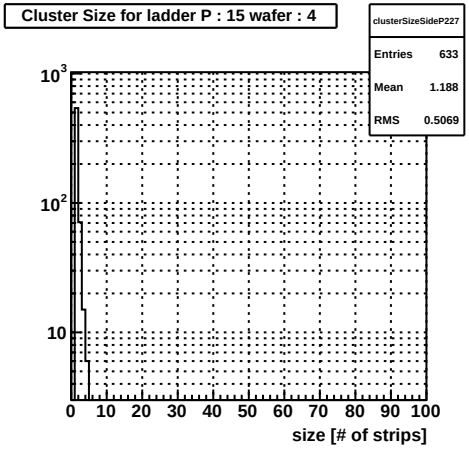

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 2291
Mean 1.086
RMS 0.3612
size [# of strips]

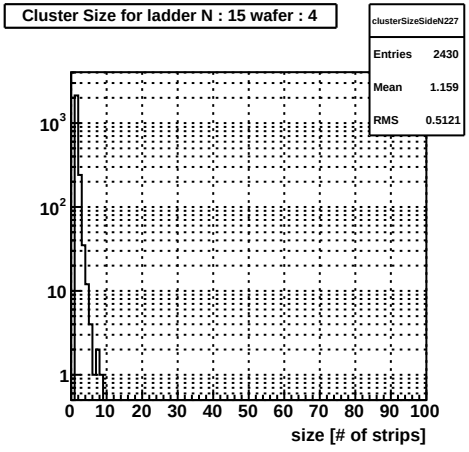

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

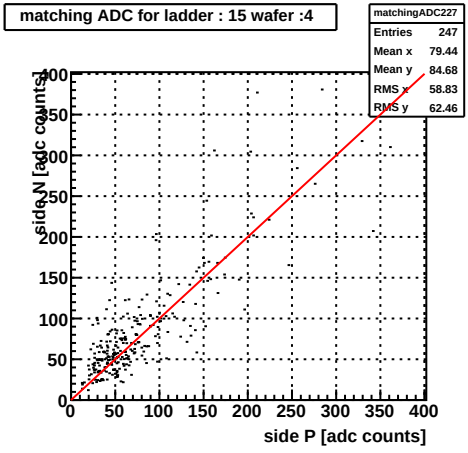

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

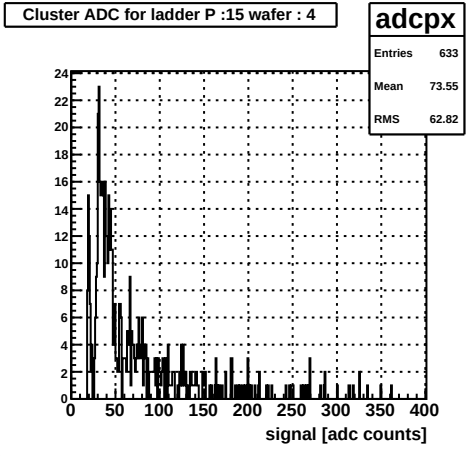

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 2291
Mean 35.73
RMS 40.41
signal [adc counts]

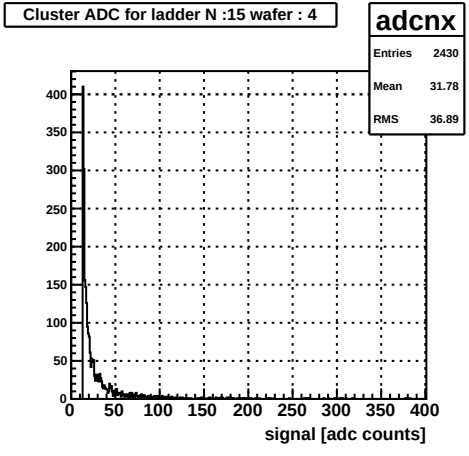

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

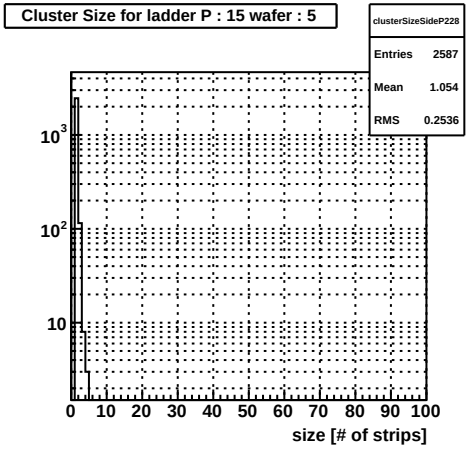

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 633
Mean 1.188
RMS 0.5069
size [# of strips]

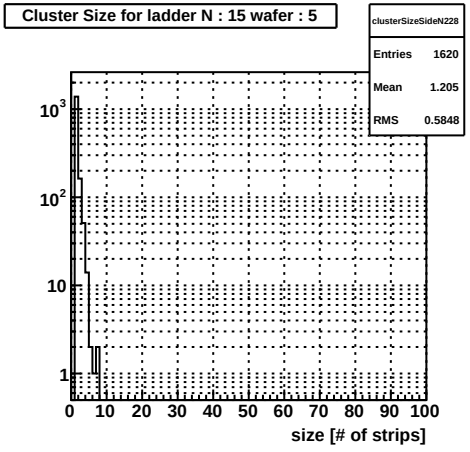

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 2430
Mean 1.159
RMS 0.5121
size [# of strips]

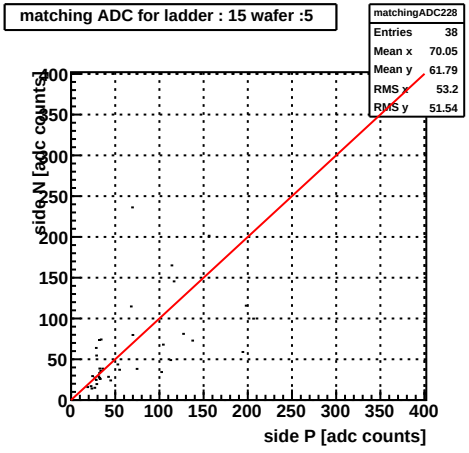

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 247
Mean x 79.44
Mean y 84.68
RMS x 58.83
RMS y 62.46
side N [adc counts]
side P [adc counts]

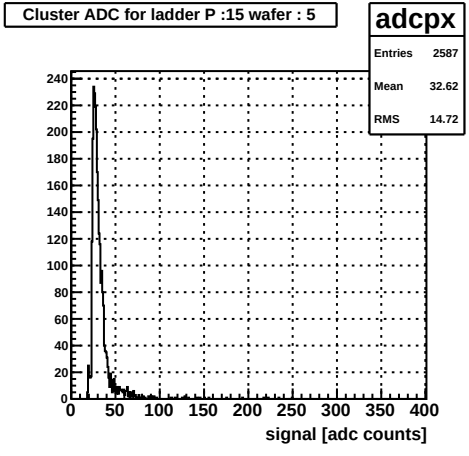

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 633
Mean 73.55
RMS 62.82
signal [adc counts]

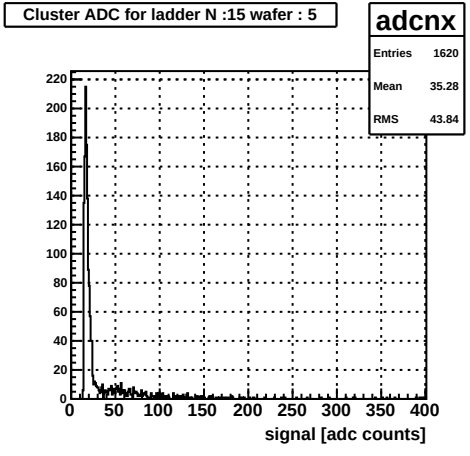

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 2430
Mean 31.78
RMS 36.89
signal [adc counts]

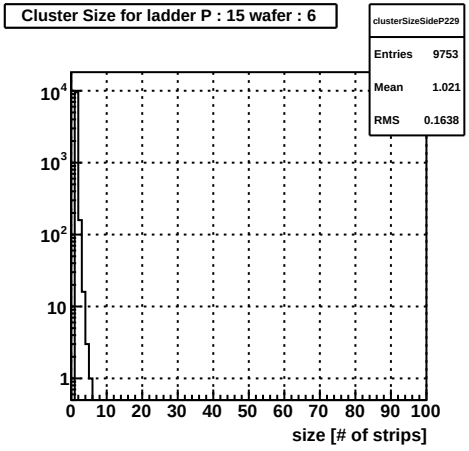

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 2587
Mean 1.054
RMS 0.2536
size [# of strips]

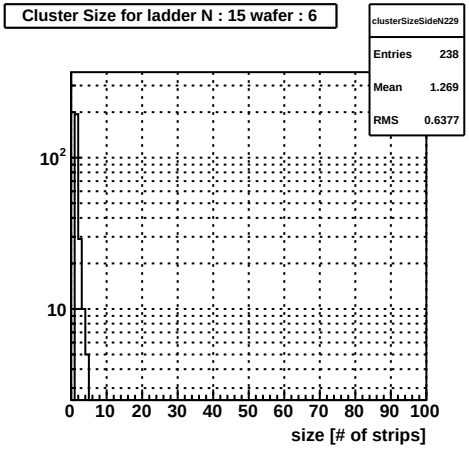

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 1620
Mean 1.205
RMS 0.5848
size [# of strips]

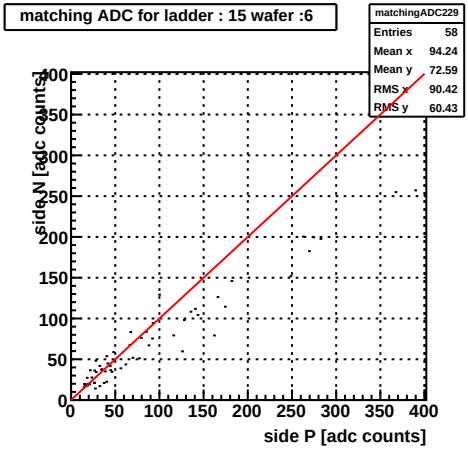

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 38
Mean x 70.05
Mean y 61.79
RMS x 53.2
RMS y 51.54
side N [adc counts]
side P [adc counts]

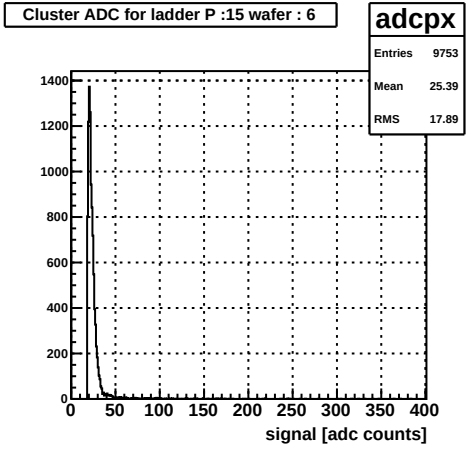

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 2587
Mean 32.62
RMS 14.72
signal [adc counts]

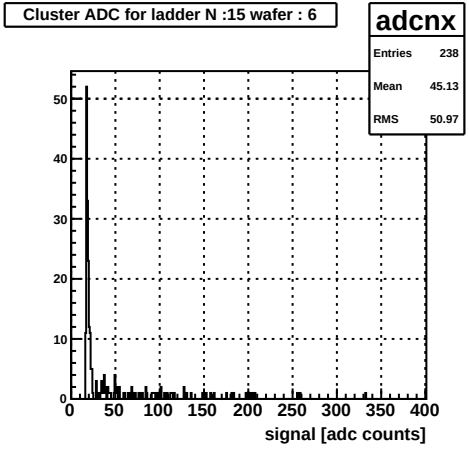

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 1620
Mean 35.28
RMS 43.84
signal [adc counts]

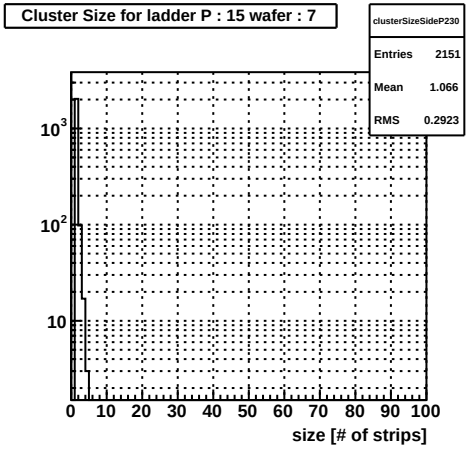

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 9753
Mean 1.021
RMS 0.1638
size [# of strips]

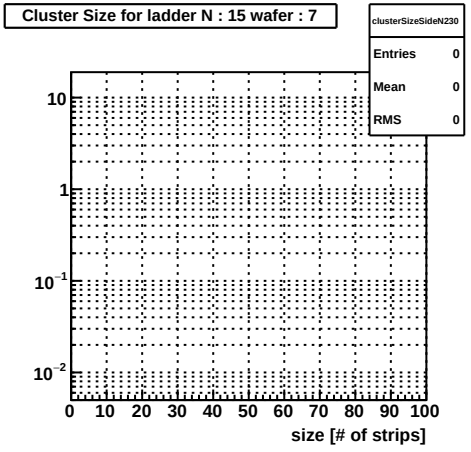

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 238
Mean 1.269
RMS 0.6377
size [# of strips]

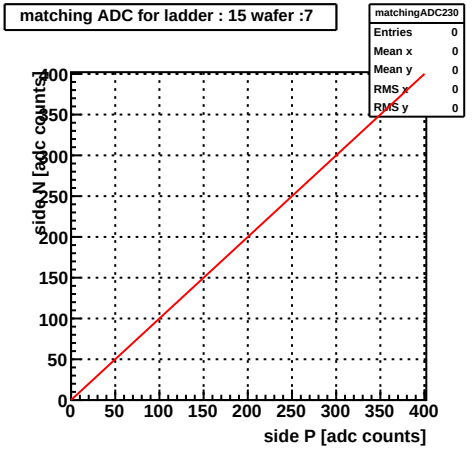

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 58
Mean x 94.24
Mean y 72.59
RMS x 90.42
RMS y 60.43
side N [adc counts]
side P [adc counts]

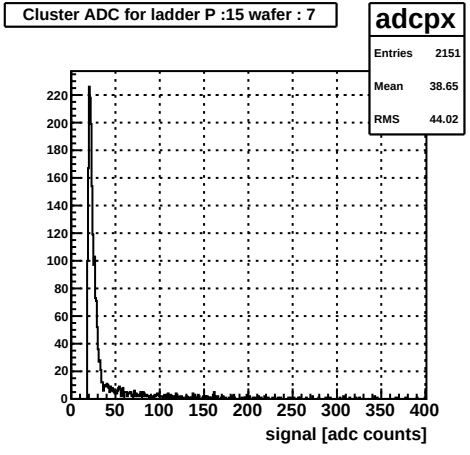

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 9753
Mean 25.39
RMS 17.89
signal [adc counts]

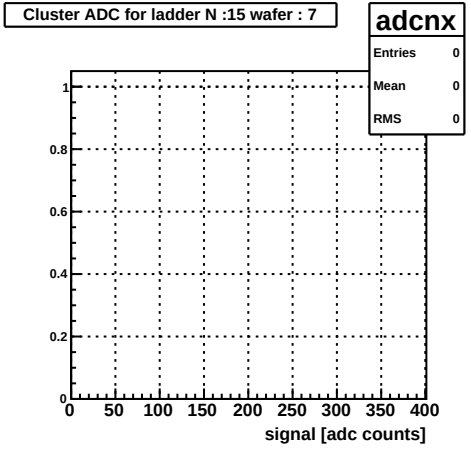

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 238
Mean 45.13
RMS 50.97
signal [adc counts]

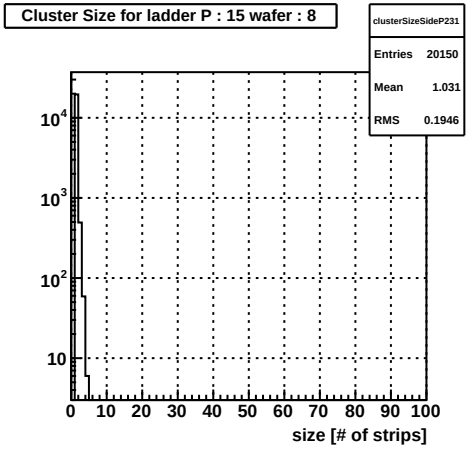

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 2151
Mean 1.066
RMS 0.2923
size [# of strips]

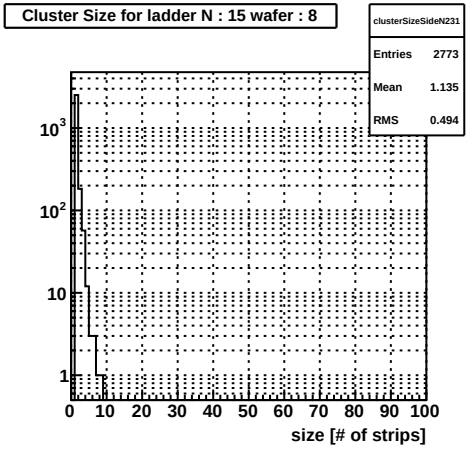

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

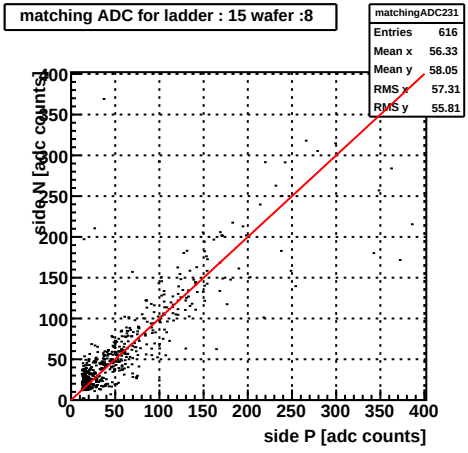

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

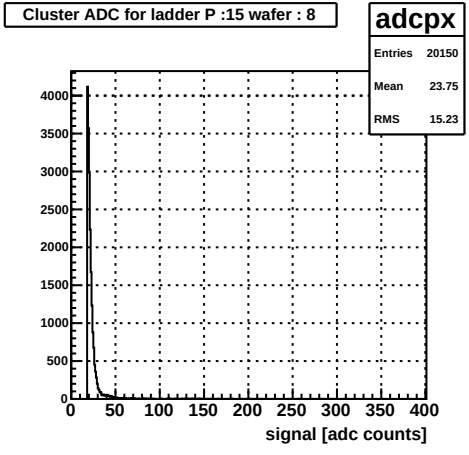

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 2151
Mean 38.65
RMS 44.02
signal [adc counts]

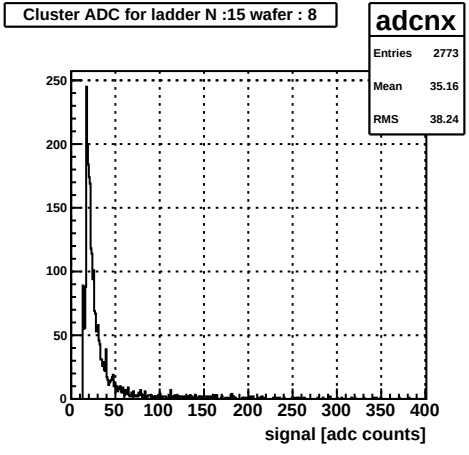

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

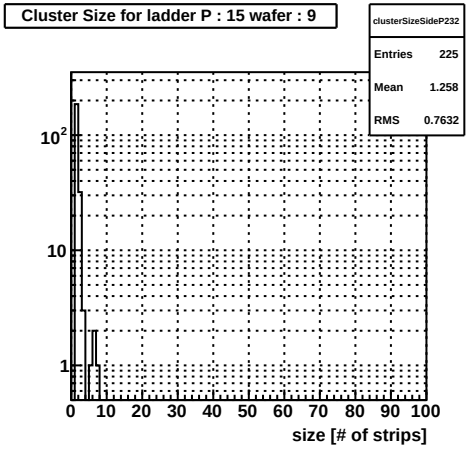

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 20150
Mean 1.031
RMS 0.1946
size [# of strips]

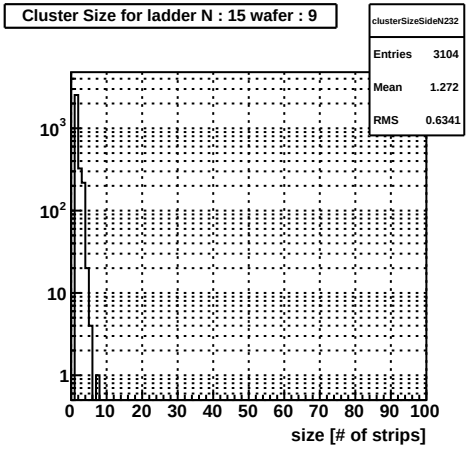

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 2773
Mean 1.135
RMS 0.494
size [# of strips]

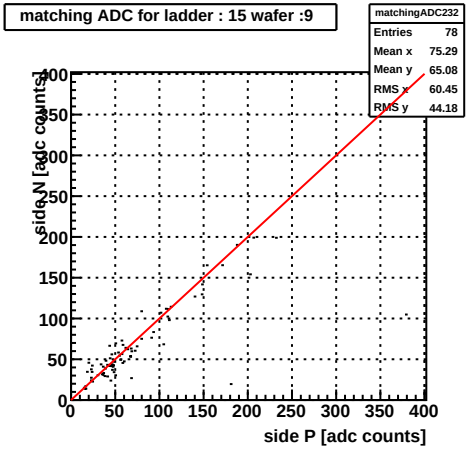

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 616
Mean x 56.33
Mean y 58.05
RMS x 57.31
RMS y 55.81
side N [adc counts]
side P [adc counts]

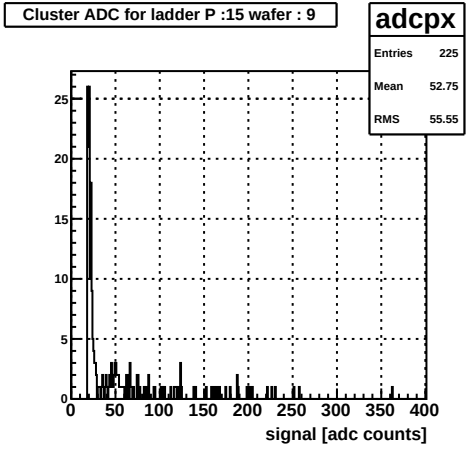

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 20150
Mean 23.75
RMS 15.23
signal [adc counts]

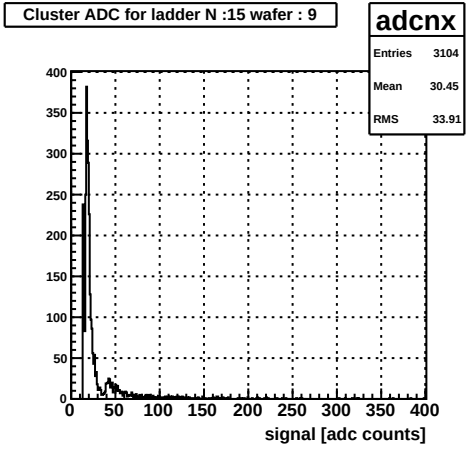

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 2773
Mean 35.16
RMS 38.24
signal [adc counts]

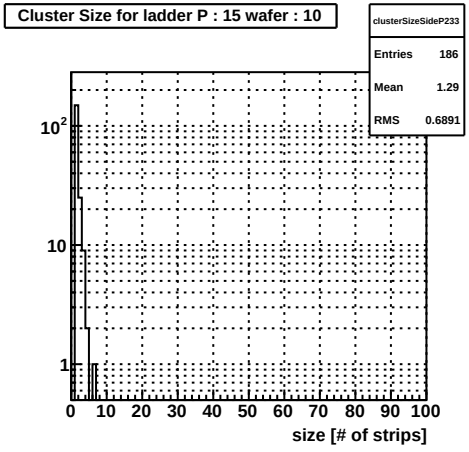

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 225
Mean 1.258
RMS 0.7632
size [# of strips]

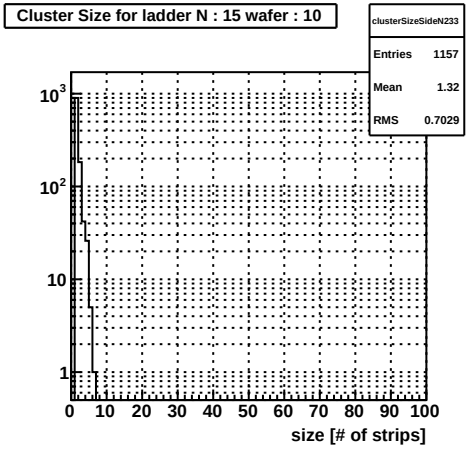

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 3104
Mean 1.272
RMS 0.6341
size [# of strips]

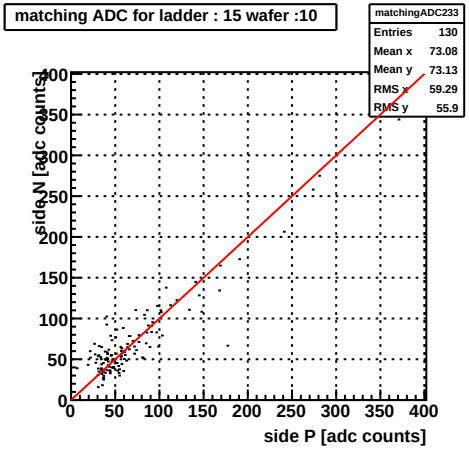

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 78
Mean x 75.29
Mean y 65.08
RMS x 60.45
RMS y 44.18
side N [adc counts]
side P [adc counts]

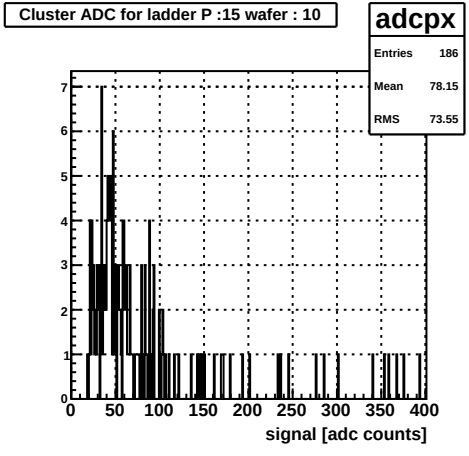

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 225
Mean 52.75
RMS 55.55
signal [adc counts]

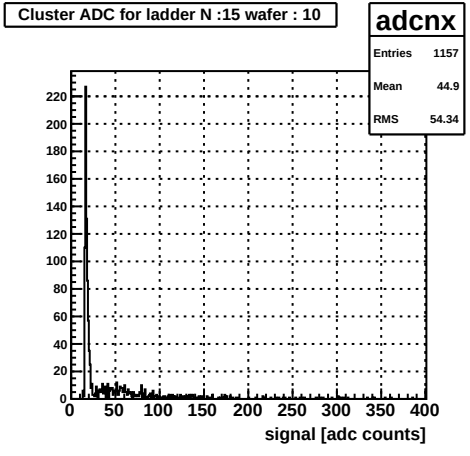

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 3104
Mean 30.45
RMS 33.91
signal [adc counts]

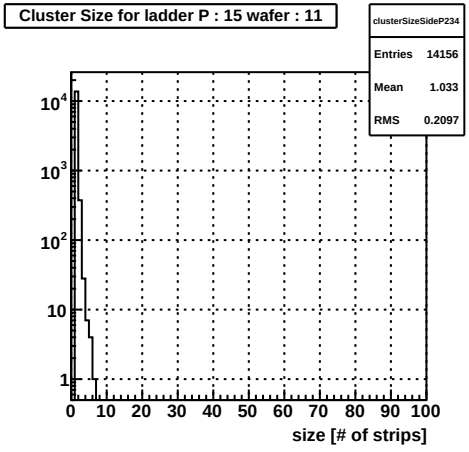

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 186
Mean 1.29
RMS 0.6891
size [# of strips]

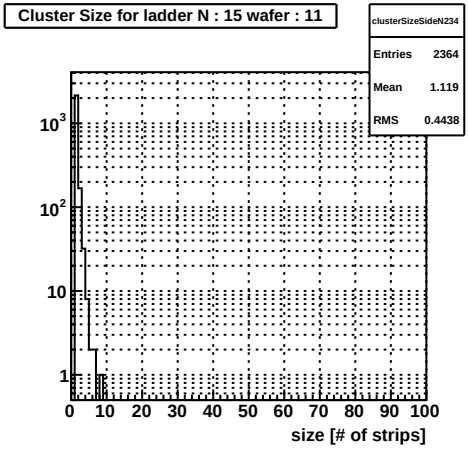

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 1157
Mean 1.32
RMS 0.7029
size [# of strips]

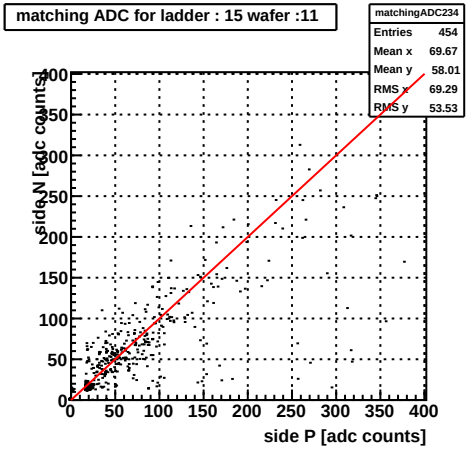

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 130
Mean x 73.08
Mean y 73.13
RMS x 59.29
RMS y 55.9
side N [adc counts]
side P [adc counts]

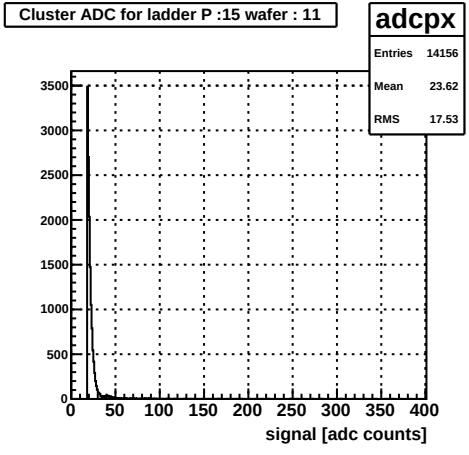

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 186
Mean 78.15
RMS 73.55
signal [adc counts]

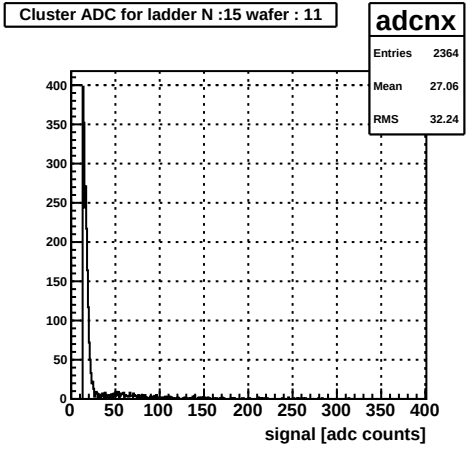

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 1157
Mean 44.9
RMS 54.34
signal [adc counts]

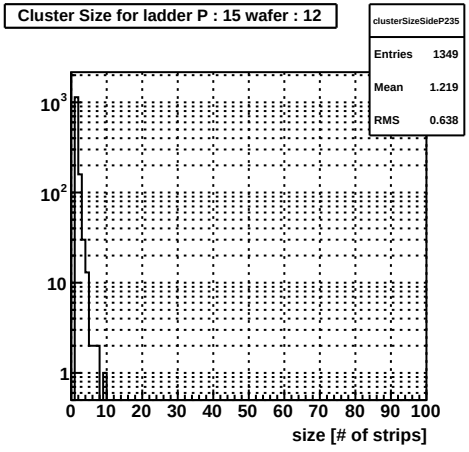

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 14156
Mean 1.033
RMS 0.2097
size [# of strips]

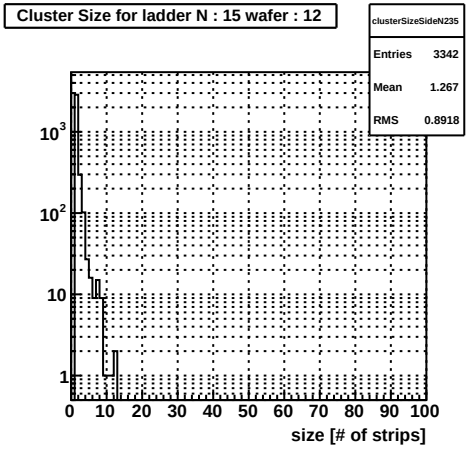

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 2364
Mean 1.119
RMS 0.4438
size [# of strips]

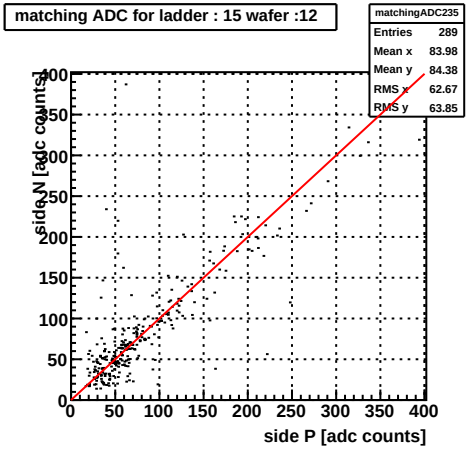

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 454
Mean x 69.67
Mean y 58.01
RMS x 69.29
RMS y 53.53
side N [adc counts]
side P [adc counts]

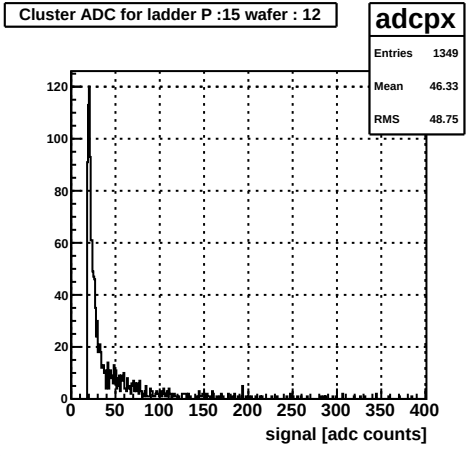

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 14156
Mean 23.62
RMS 17.53
signal [adc counts]

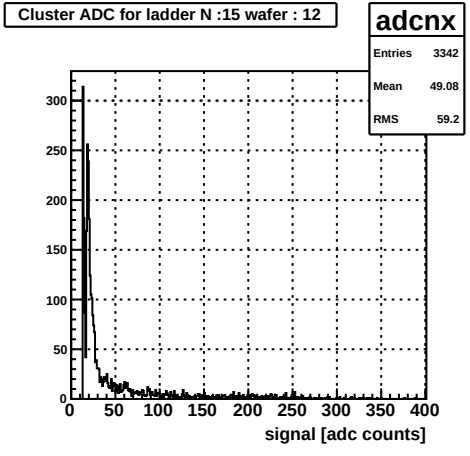

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 2364
Mean 27.06
RMS 32.24
signal [adc counts]

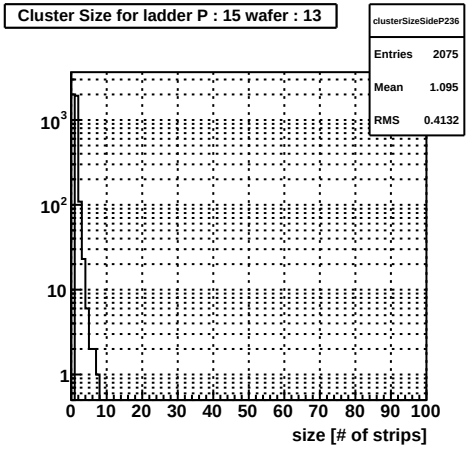

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 1349
Mean 1.219
RMS 0.638
size [# of strips]

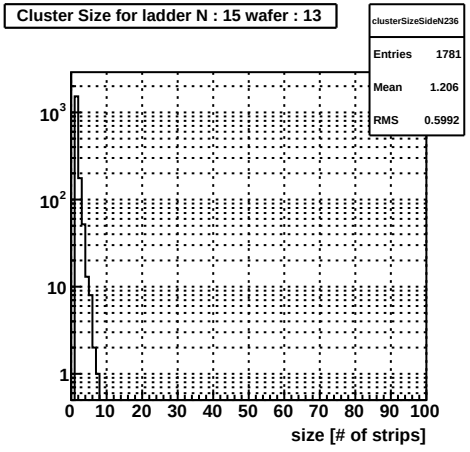

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 3342
Mean 1.267
RMS 0.8918
size [# of strips]

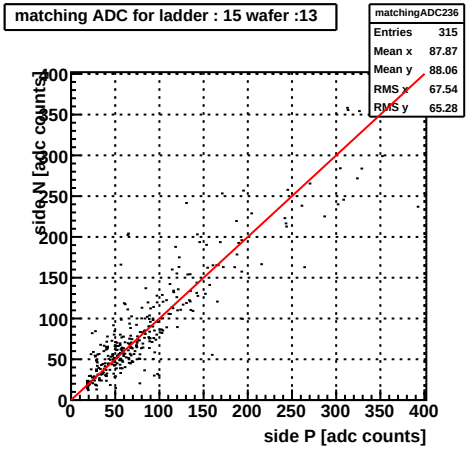

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 289
Mean x 83.98
Mean y 84.38
RMS x 62.67
RMS y 63.85
side N [adc counts]
side P [adc counts]

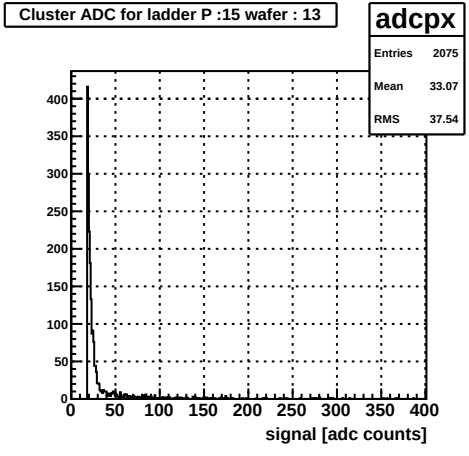

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 1349
Mean 46.33
RMS 48.75
signal [adc counts]

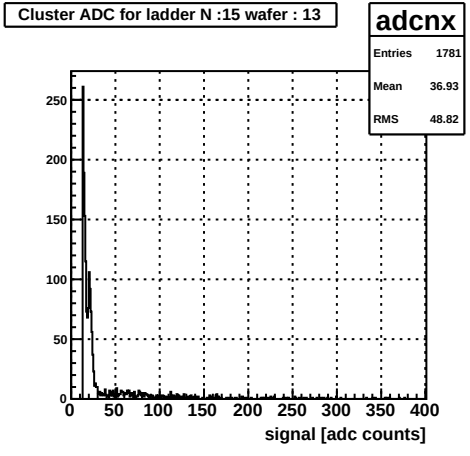

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 3342
Mean 49.08
RMS 59.2
signal [adc counts]

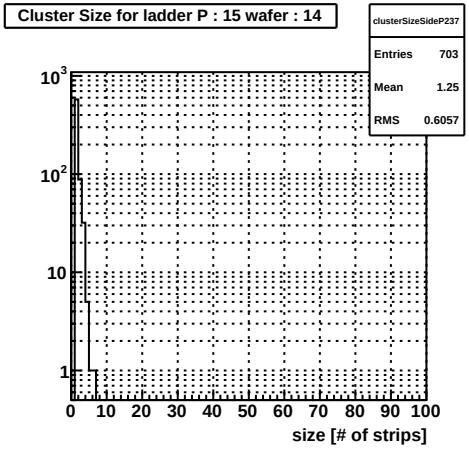

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 2075
Mean 1.095
RMS 0.4132
size [# of strips]

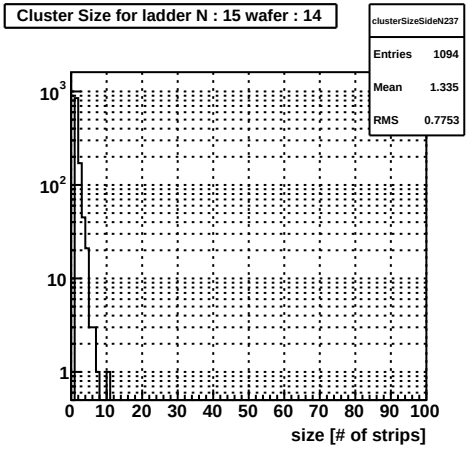

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 1781
Mean 1.206
RMS 0.5992
size [# of strips]

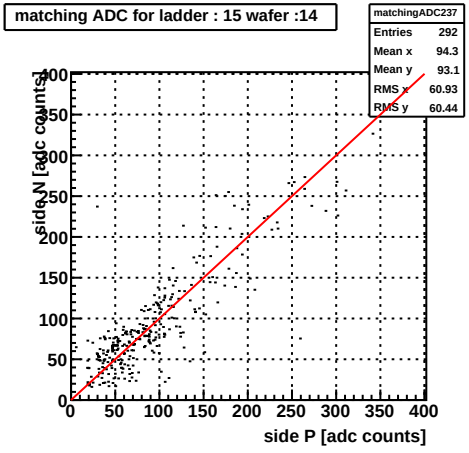

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 315
Mean x 87.87
Mean y 88.06
RMS x 67.54
RMS y 65.28
side N [adc counts]
side P [adc counts]

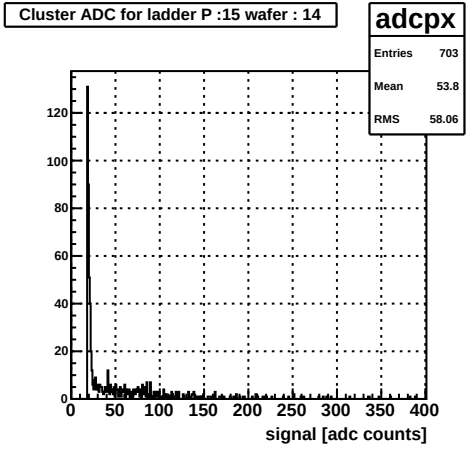

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 2075
Mean 33.07
RMS 37.54
signal [adc counts]

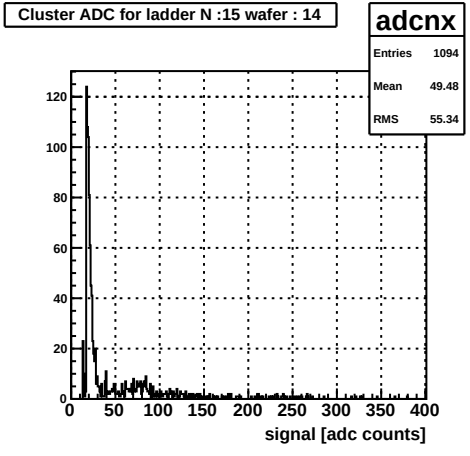

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 1781
Mean 36.93
RMS 48.82
signal [adc counts]

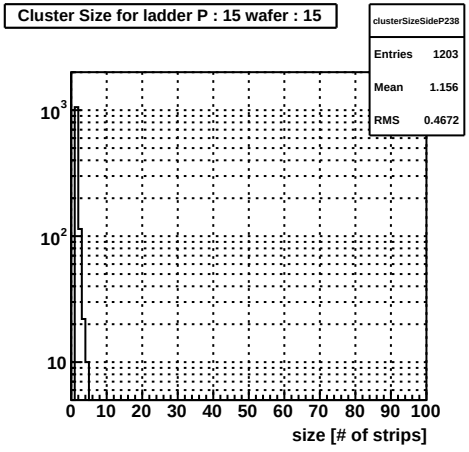

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 703
Mean 1.25
RMS 0.6057
size [# of strips]

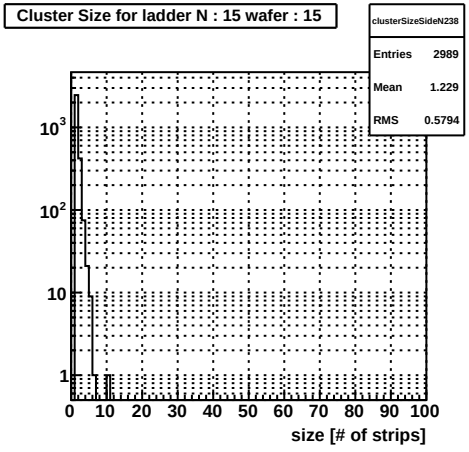

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 1094
Mean 1.335
RMS 0.7753
size [# of strips]

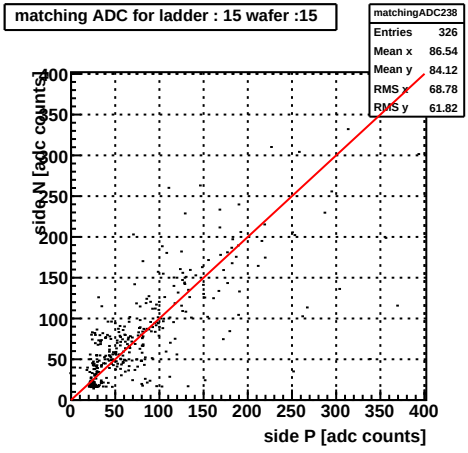

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 292
Mean x 94.3
Mean y 93.1
RMS x 60.93
RMS y 60.44
side N [adc counts]
side P [adc counts]

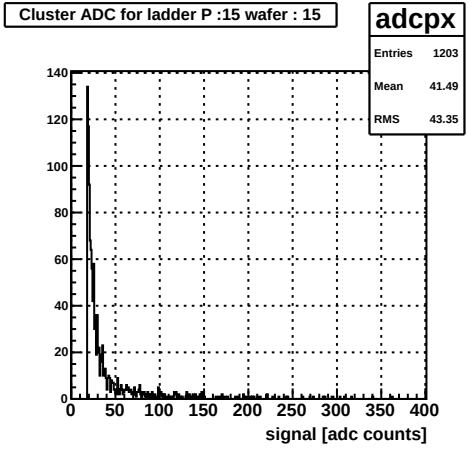

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 703
Mean 53.8
RMS 58.06
signal [adc counts]

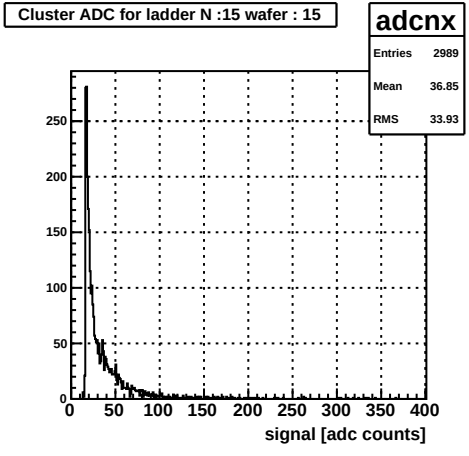

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 1094
Mean 49.48
RMS 55.34
signal [adc counts]

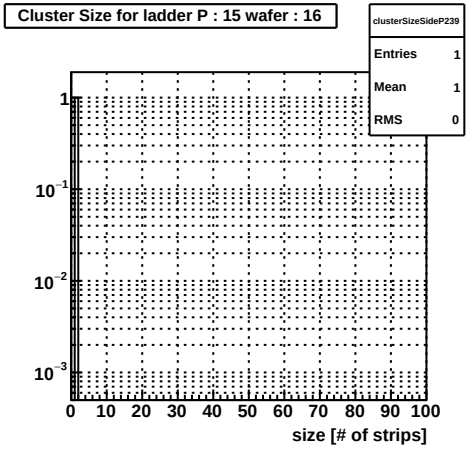

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 1203
Mean 1.156
RMS 0.4672
size [# of strips]

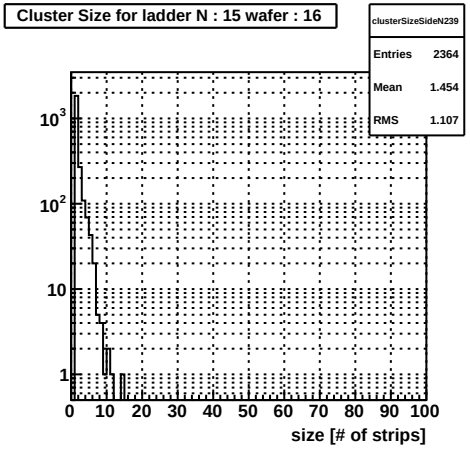

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 2989
Mean 1.229
RMS 0.5794
size [# of strips]

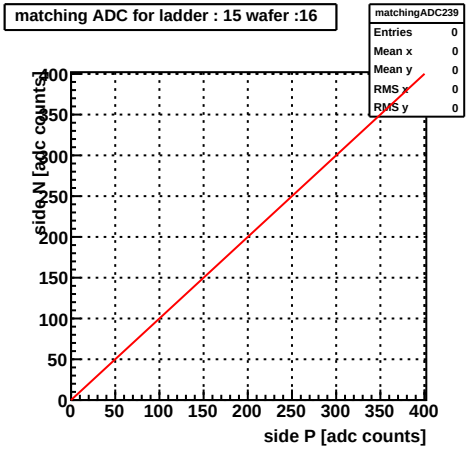

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 326
Mean x 86.54
Mean y 84.12
RMS x 68.78
RMS y 61.82
side N [adc counts]
side P [adc counts]

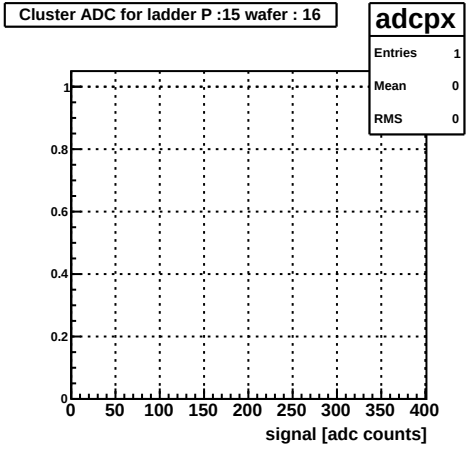

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 1203
Mean 41.49
RMS 43.35
signal [adc counts]

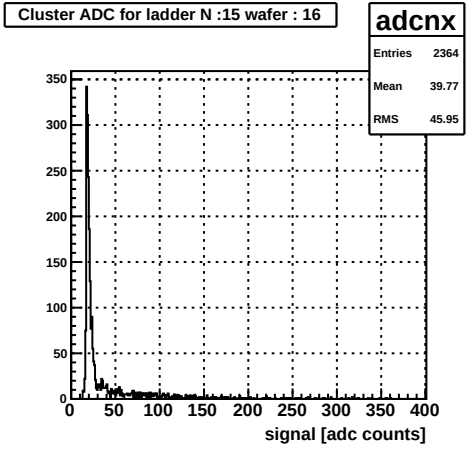

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 2989
Mean 36.85
RMS 33.93
signal [adc counts]

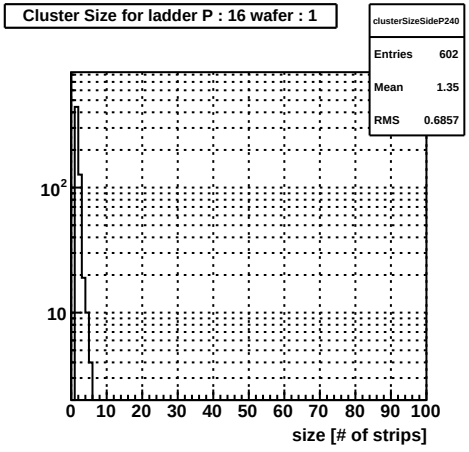

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 1
Mean 1
RMS 0
size [# of strips]

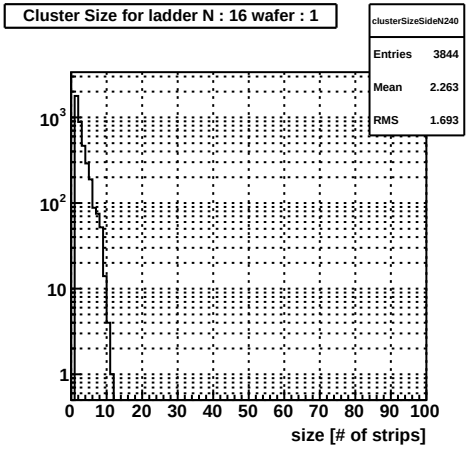

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 2364
Mean 1.454
RMS 1.107
size [# of strips]

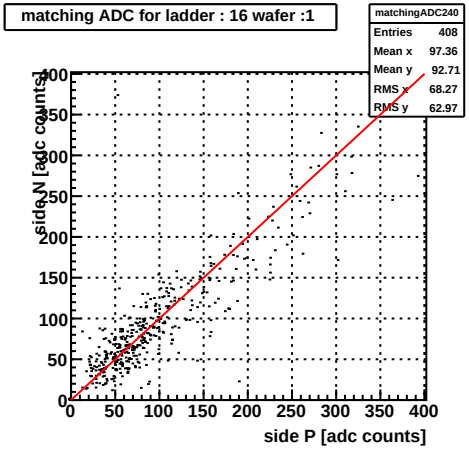

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

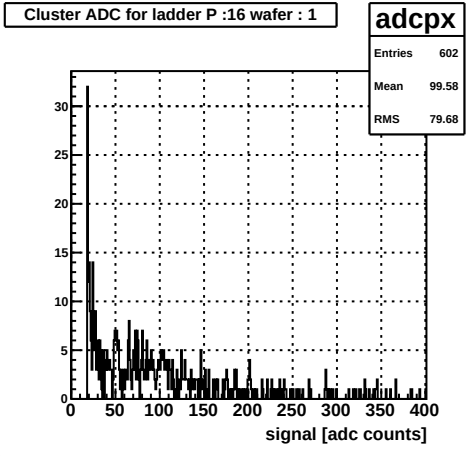

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

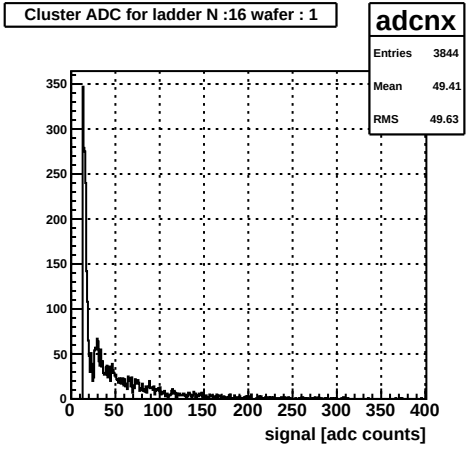

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 2364
Mean 39.77
RMS 45.95
signal [adc counts]

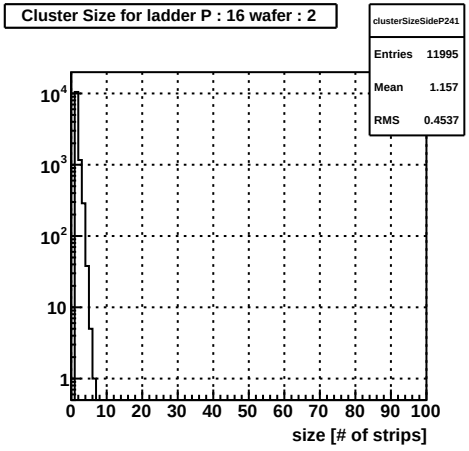

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 602
Mean 1.35
RMS 0.6857
size [# of strips]

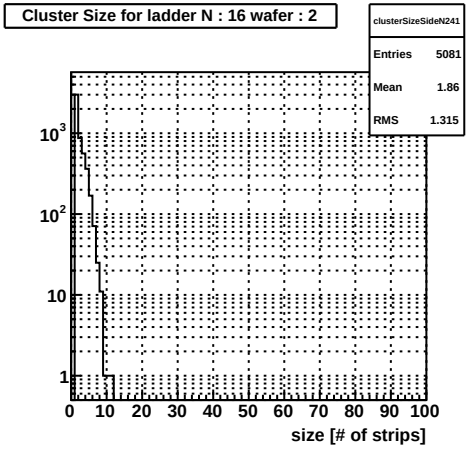

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 3844
Mean 2.263
RMS 1.693
size [# of strips]

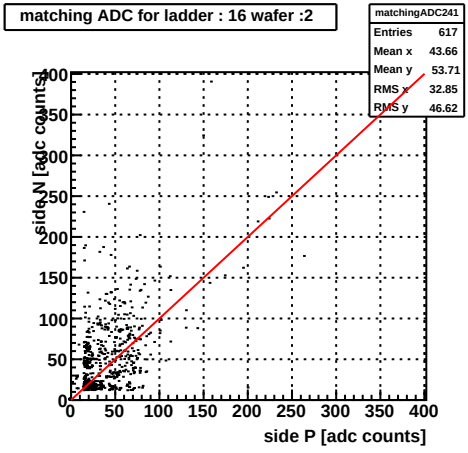

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 408
Mean x 97.36
Mean y 92.71
RMS x 68.27
RMS y 62.97
side N [adc counts]
side P [adc counts]

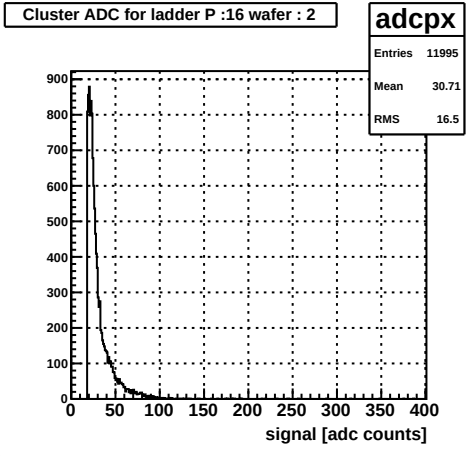

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 602
Mean 99.58
RMS 79.68
signal [adc counts]

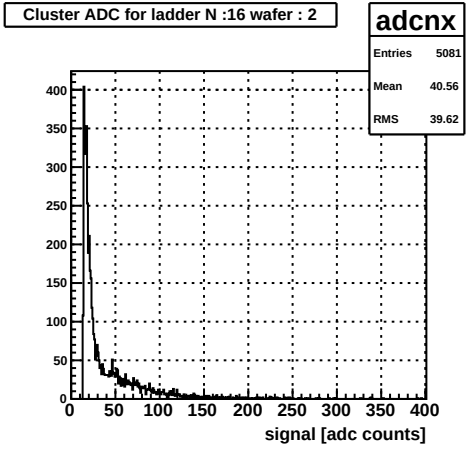

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 3844
Mean 49.41
RMS 49.63
signal [adc counts]

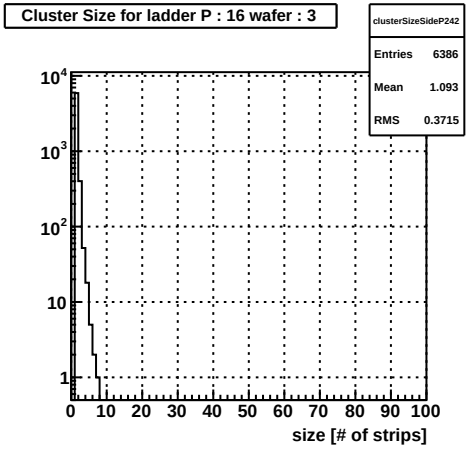

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 11995
Mean 1.157
RMS 0.4537
size [# of strips]

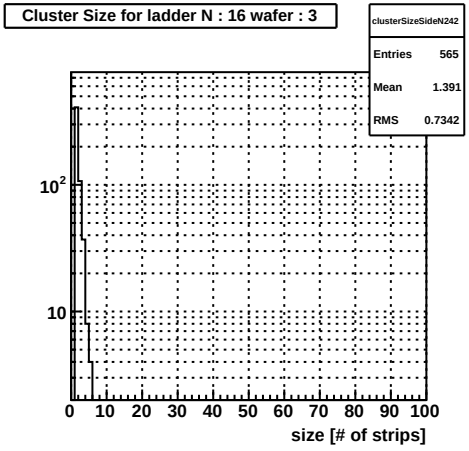

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 5081
Mean 1.86
RMS 1.315
size [# of strips]

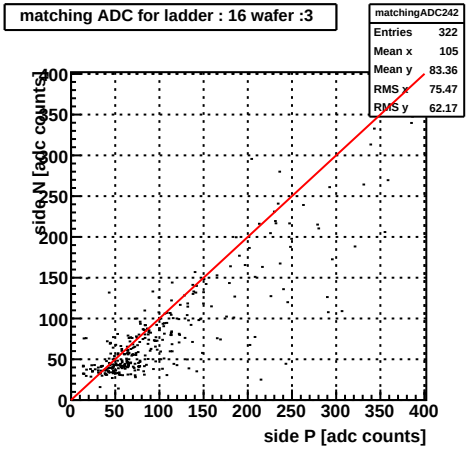

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 617
Mean x 43.66
Mean y 53.71
RMS x 32.85
RMS y 46.62
side N [adc counts]
side P [adc counts]

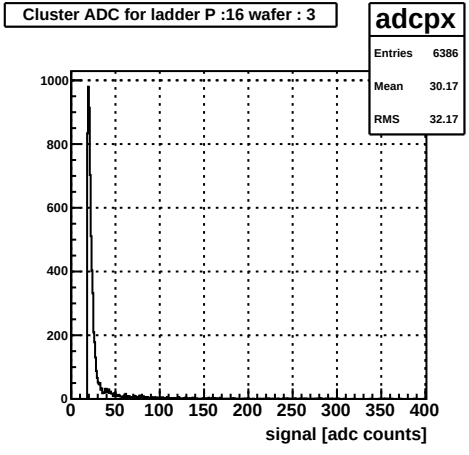

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 11995
Mean 30.71
RMS 16.5
signal [adc counts]

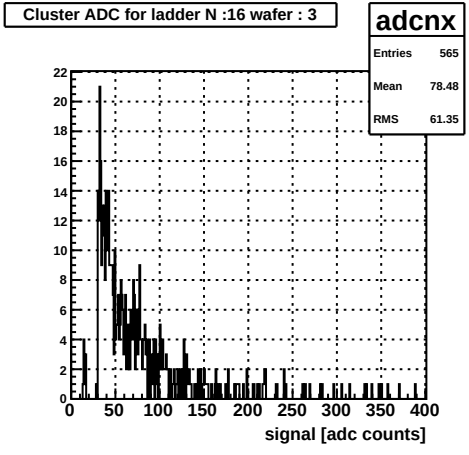

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 5081
Mean 40.56
RMS 39.62
signal [adc counts]

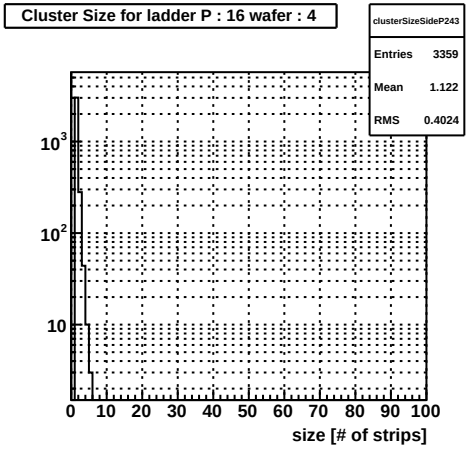

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 6386
Mean 1.093
RMS 0.3715
size [# of strips]

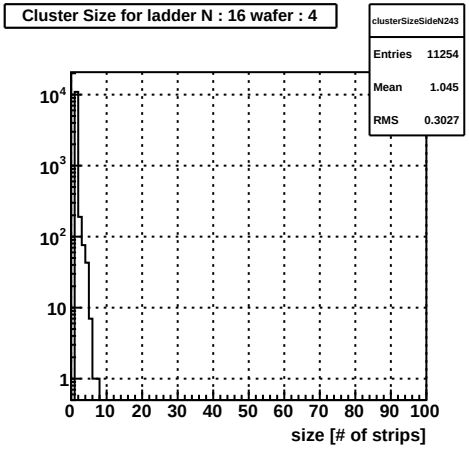

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 565
Mean 1.391
RMS 0.7342
size [# of strips]

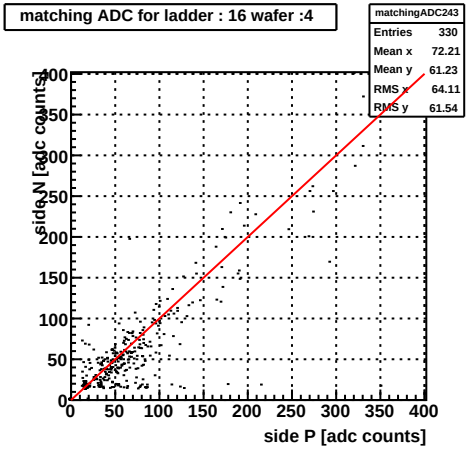

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 322
Mean x 105
Mean y 83.36
RMS x 75.47
RMS y 62.17
side N [adc counts]
side P [adc counts]

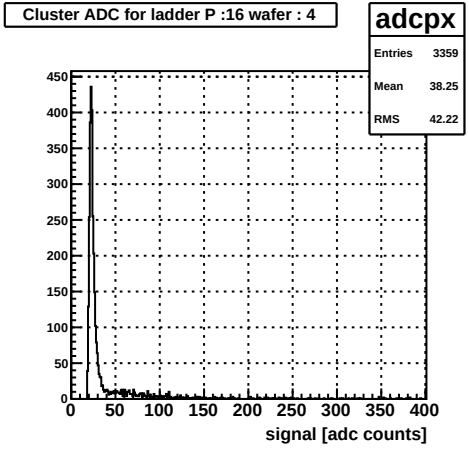

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 6386
Mean 30.17
RMS 32.17
signal [adc counts]

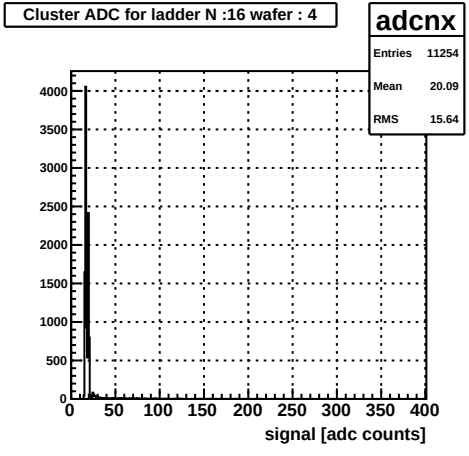

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 565
Mean 78.48
RMS 61.35
signal [adc counts]

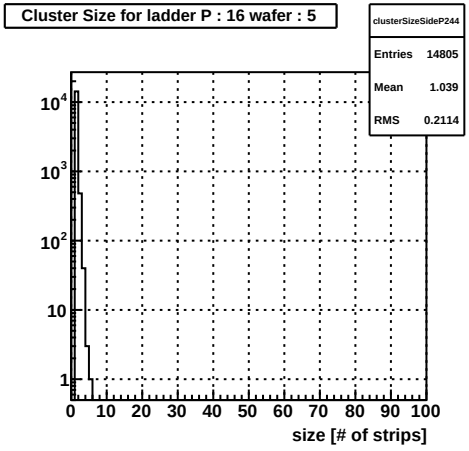

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 3359
Mean 1.122
RMS 0.4024
size [# of strips]

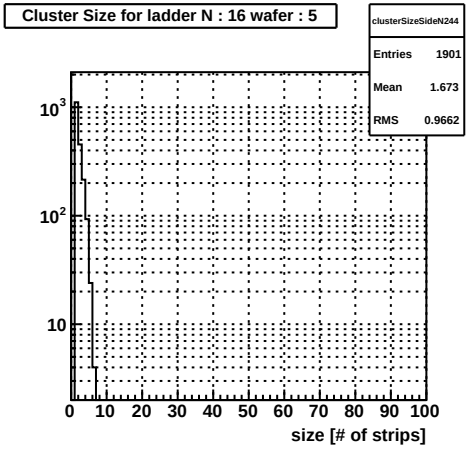

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 11254
Mean 1.045
RMS 0.3027
size [# of strips]

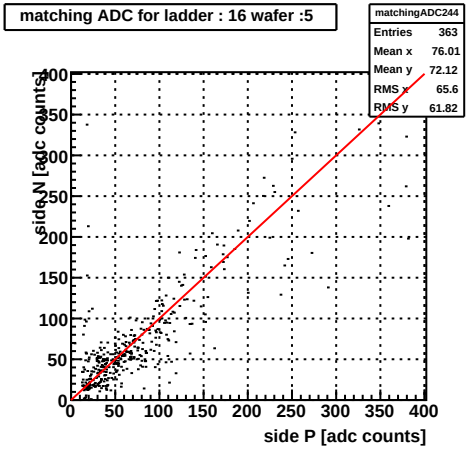

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 330
Mean x 72.21
Mean y 61.23
RMS x 64.11
RMS y 61.54
side N [adc counts]
side P [adc counts]

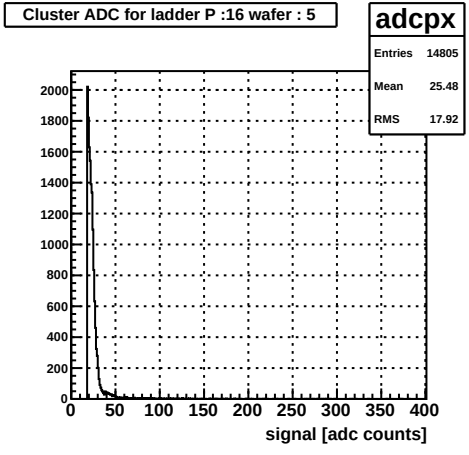

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 3359
Mean 38.25
RMS 42.22
signal [adc counts]

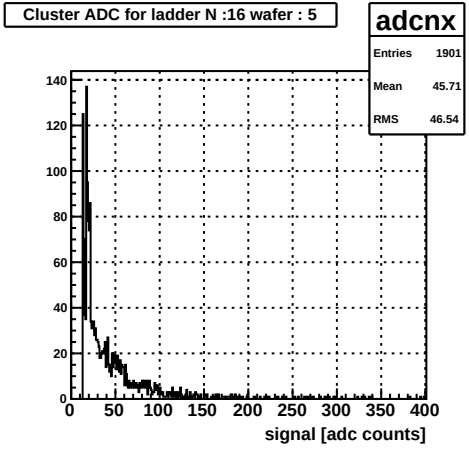

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 11254
Mean 20.09
RMS 15.64
signal [adc counts]

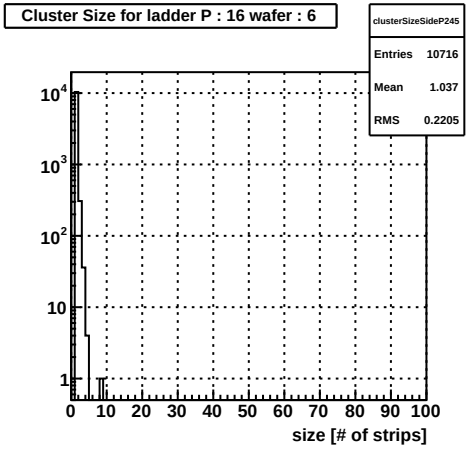

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 14805
Mean 1.039
RMS 0.2114
size [# of strips]

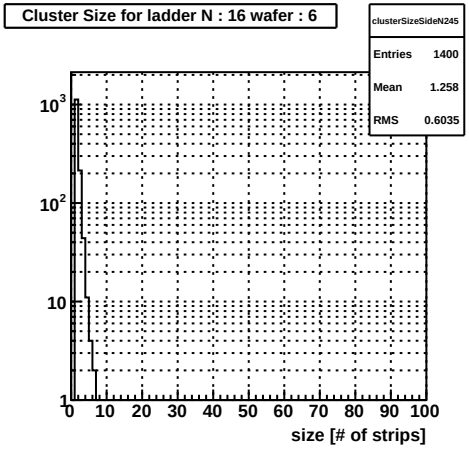

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 1901
Mean 1.673
RMS 0.9662
size [# of strips]

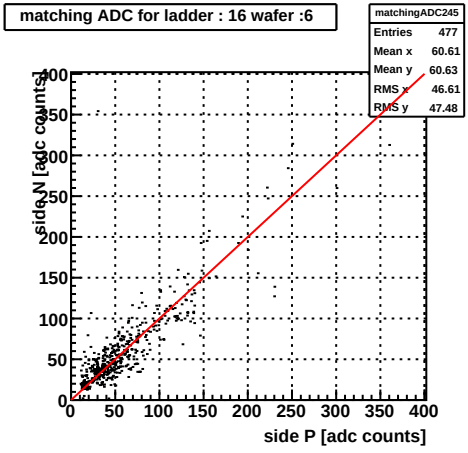

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 363
Mean x 76.01
Mean y 72.12
RMS x 65.6
RMS y 61.82
side N [adc counts]
side P [adc counts]

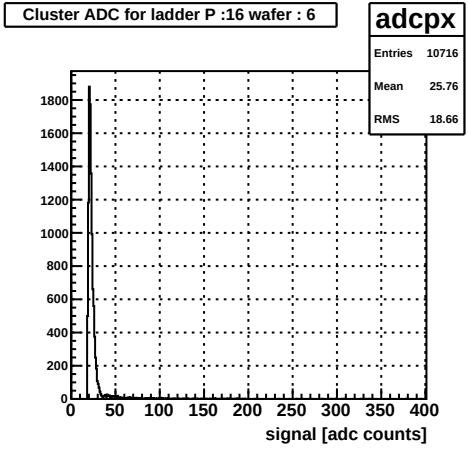

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 14805
Mean 25.48
RMS 17.92
signal [adc counts]

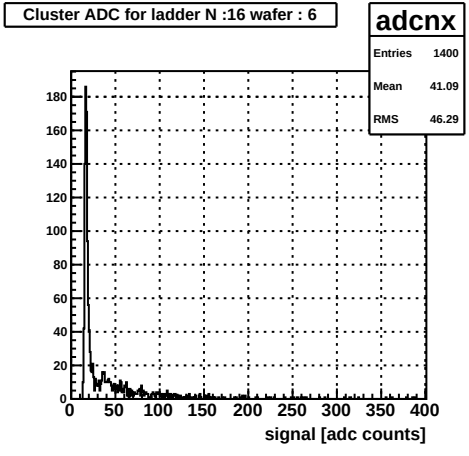

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 1901
Mean 45.71
RMS 46.54
signal [adc counts]

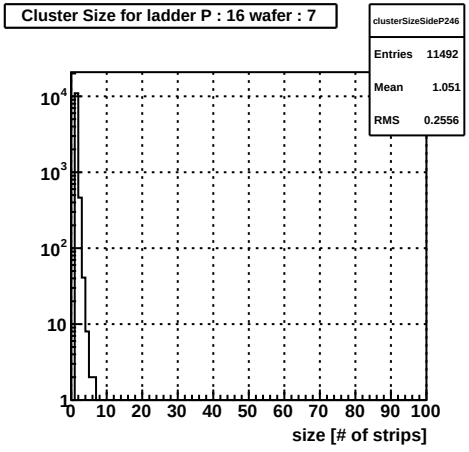

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 10716
Mean 1.037
RMS 0.2205
size [# of strips]

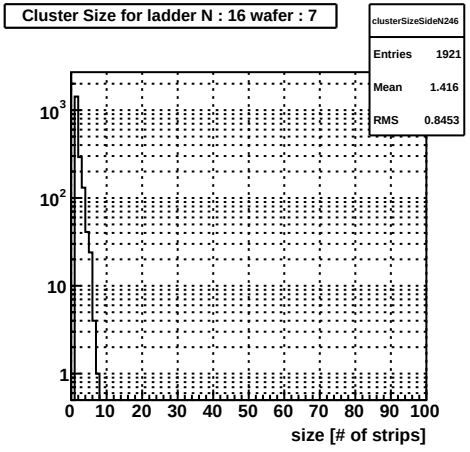

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 1400
Mean 1.258
RMS 0.6035
size [# of strips]

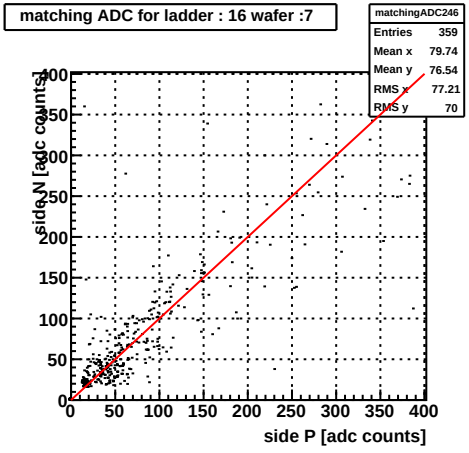

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 477
Mean x 60.61
Mean y 60.63
RMS x 46.61
RMS y 47.48
side N [adc counts]
side P [adc counts]

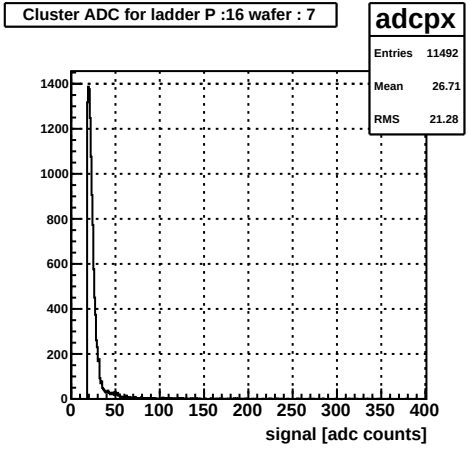

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 10716
Mean 25.76
RMS 18.66
signal [adc counts]

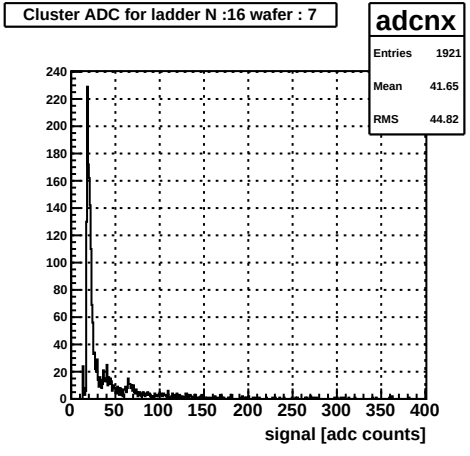

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 1400
Mean 41.09
RMS 46.29
signal [adc counts]

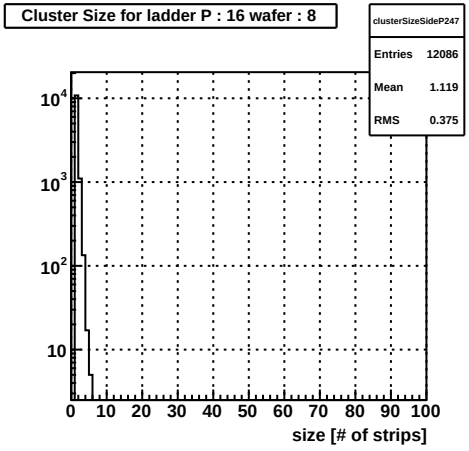

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 11492
Mean 1.051
RMS 0.2556
size [# of strips]

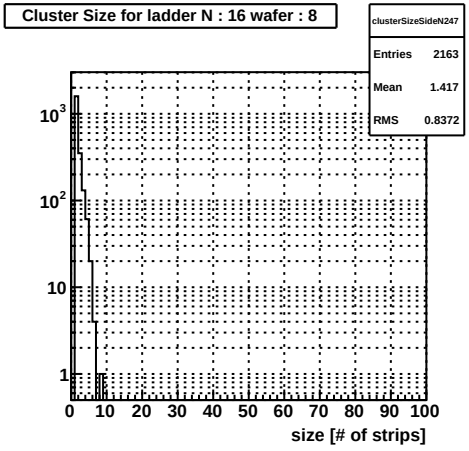

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 1921
Mean 1.416
RMS 0.8453
size [# of strips]

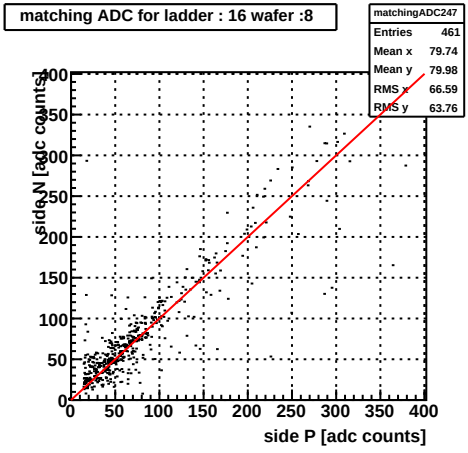

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 359
Mean x 79.74
Mean y 76.54
RMS x 77.21
RMS y 70
side N [adc counts]
side P [adc counts]

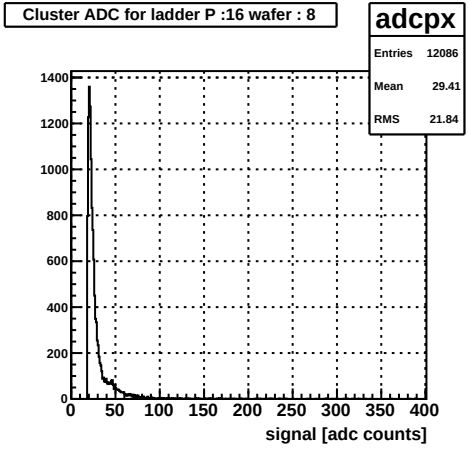

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 11492
Mean 26.71
RMS 21.28
signal [adc counts]

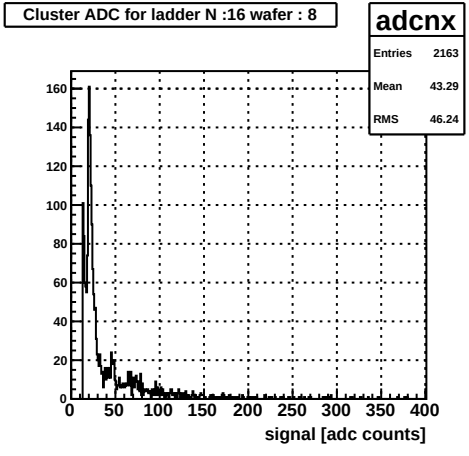

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 1921
Mean 41.65
RMS 44.82
signal [adc counts]

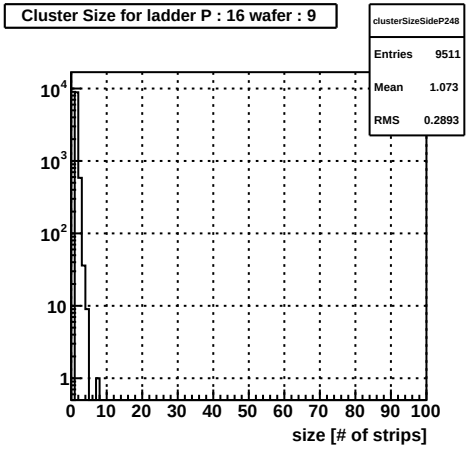

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 12086
Mean 1.119
RMS 0.375
size [# of strips]

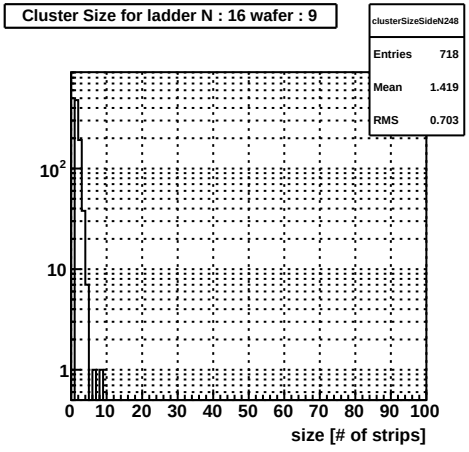

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 2163
Mean 1.417
RMS 0.8372
size [# of strips]

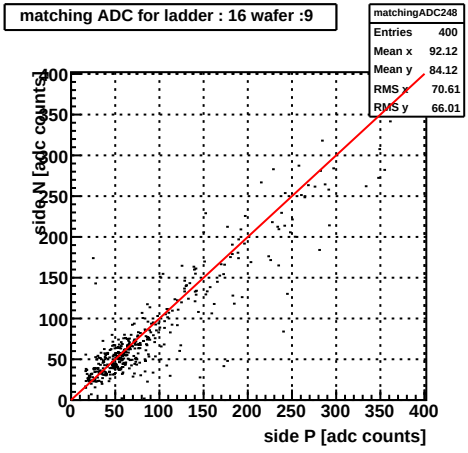

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 461
Mean x 79.74
Mean y 79.98
RMS x 66.59
RMS y 63.76
side N [adc counts]
side P [adc counts]

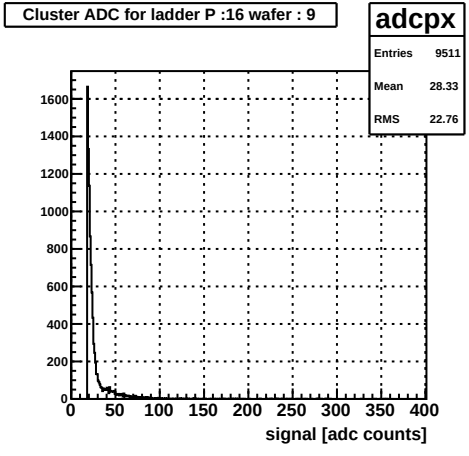

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 12086
Mean 29.41
RMS 21.84
signal [adc counts]

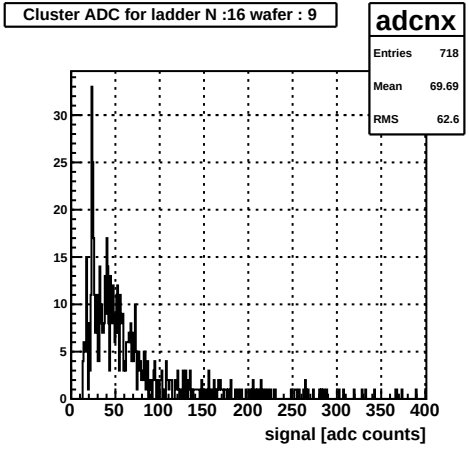

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 2163
Mean 43.29
RMS 46.24
signal [adc counts]

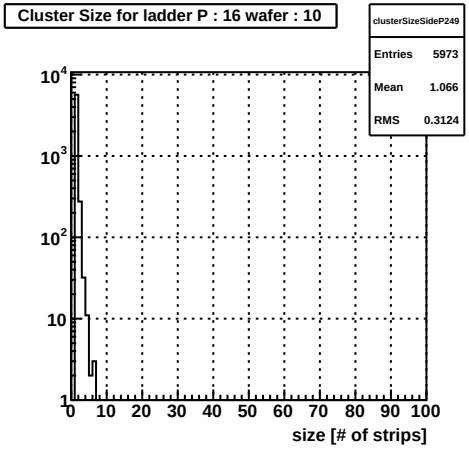

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 9511
Mean 1.073
RMS 0.2893
size [# of strips]

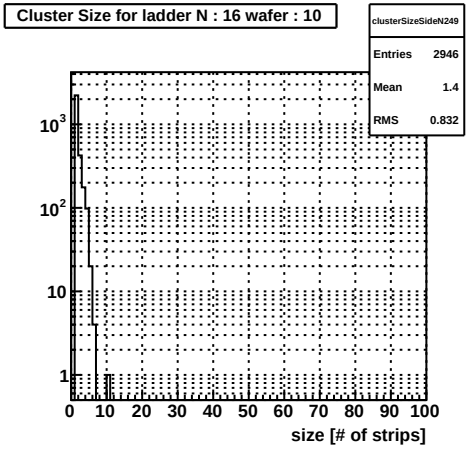

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 718
Mean 1.419
RMS 0.703
size [# of strips]

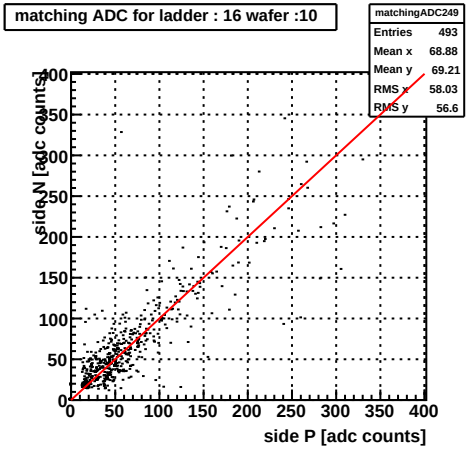

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 400
Mean x 92.12
Mean y 84.12
RMS x 70.61
RMS y 66.01
side N [adc counts]
side P [adc counts]

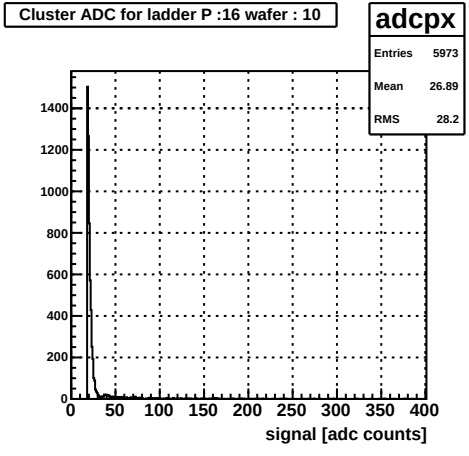

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 9511
Mean 28.33
RMS 22.76
signal [adc counts]

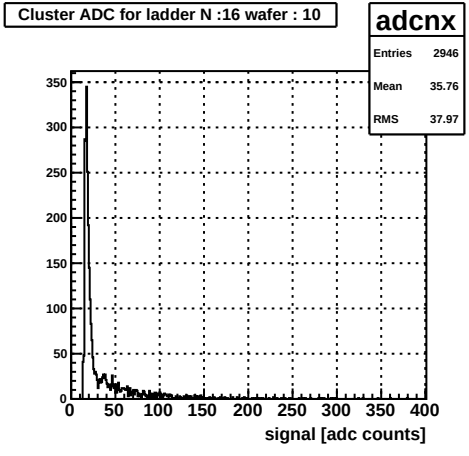

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 718
Mean 69.69
RMS 62.6
signal [adc counts]

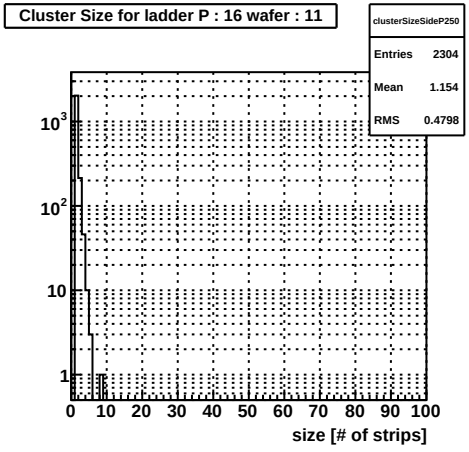

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 5973
Mean 1.066
RMS 0.3124
size [# of strips]

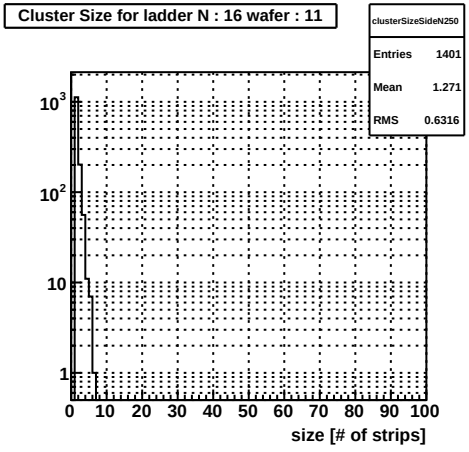

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 2946
Mean 1.4
RMS 0.832
size [# of strips]

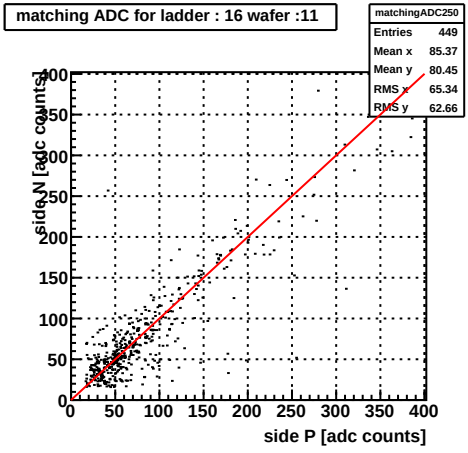

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 493
Mean x 68.88
Mean y 69.21
RMS x 58.03
RMS y 56.6
side N [adc counts]
side P [adc counts]

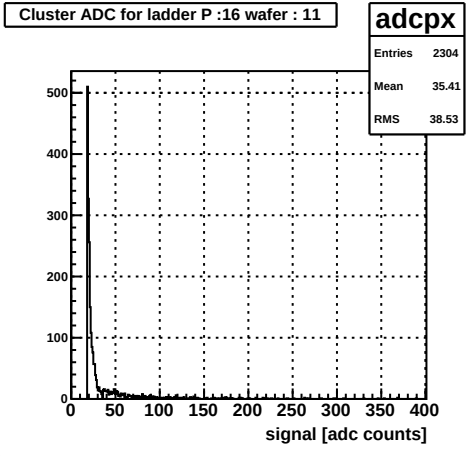

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 5973
Mean 26.89
RMS 28.2
signal [adc counts]

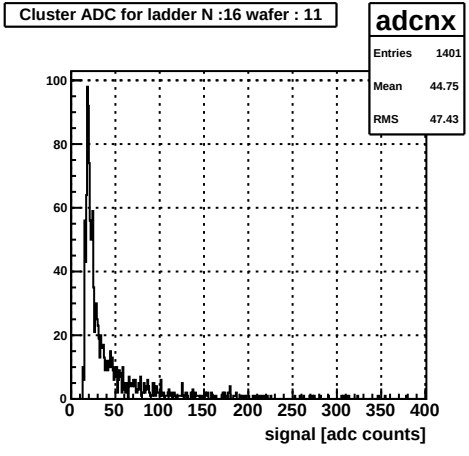

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 2946
Mean 35.76
RMS 37.97
signal [adc counts]

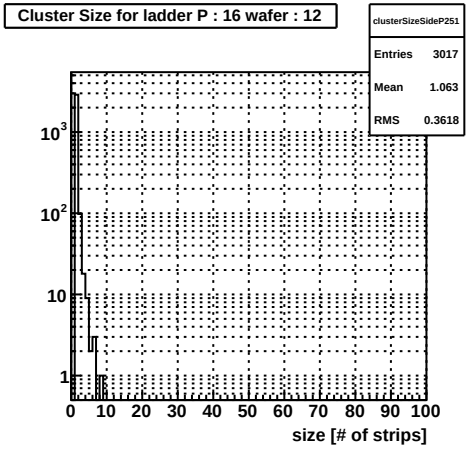

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 2304
Mean 1.154
RMS 0.4798
size [# of strips]

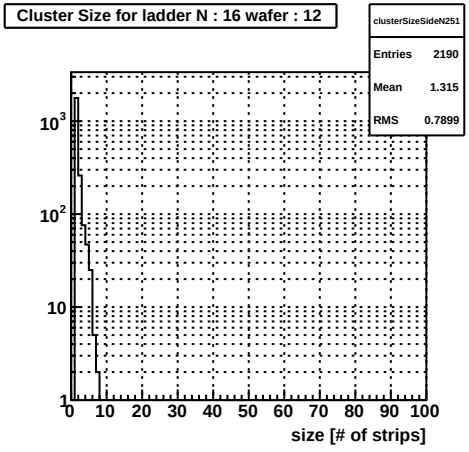

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 1401
Mean 1.271
RMS 0.6316
size [# of strips]

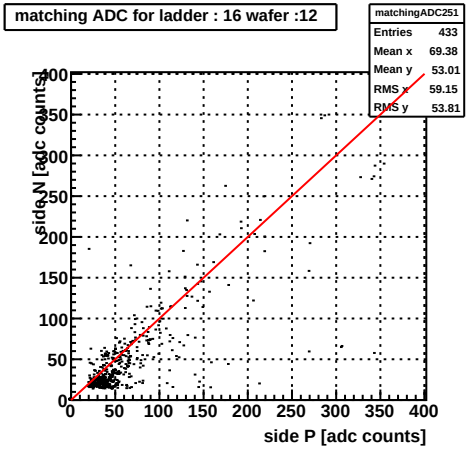

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 449
Mean x 85.37
Mean y 80.45
RMS x 65.34
RMS y 62.66
side N [adc counts]
side P [adc counts]

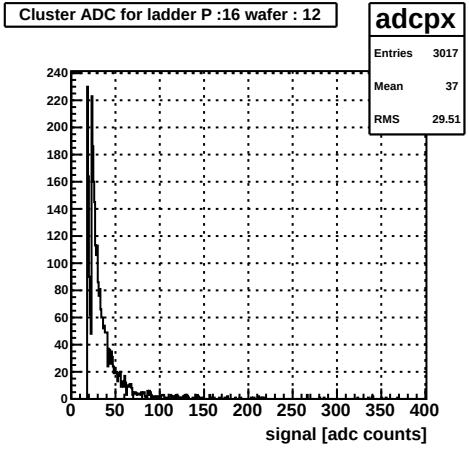

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 2304
Mean 35.41
RMS 38.53
signal [adc counts]

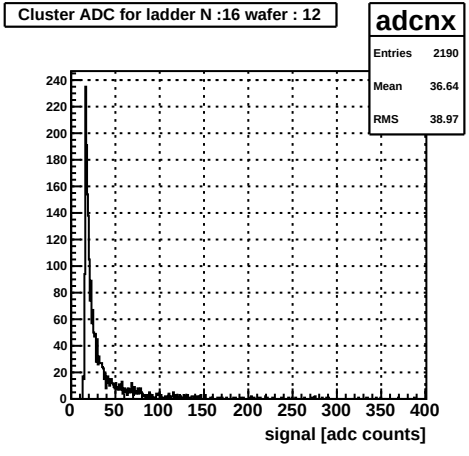

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 1401
Mean 44.75
RMS 47.43
signal [adc counts]

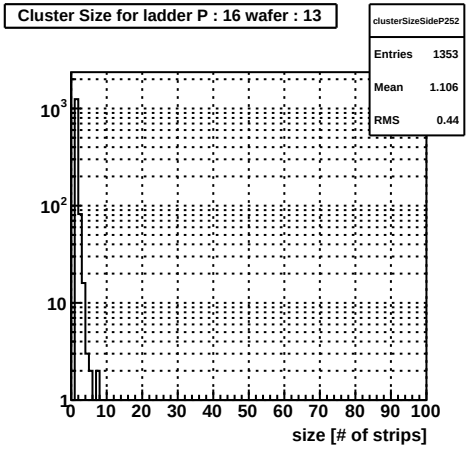

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 3017
Mean 1.063
RMS 0.3618
size [# of strips]

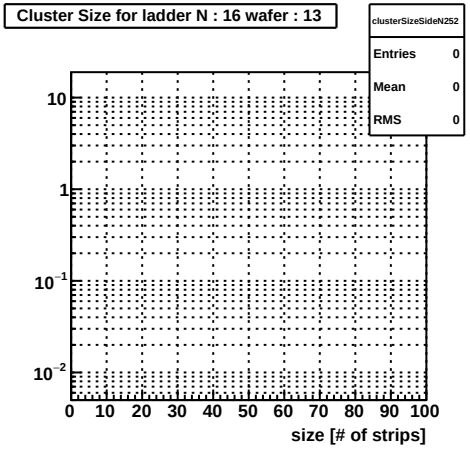

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 2190
Mean 1.315
RMS 0.7899
size [# of strips]

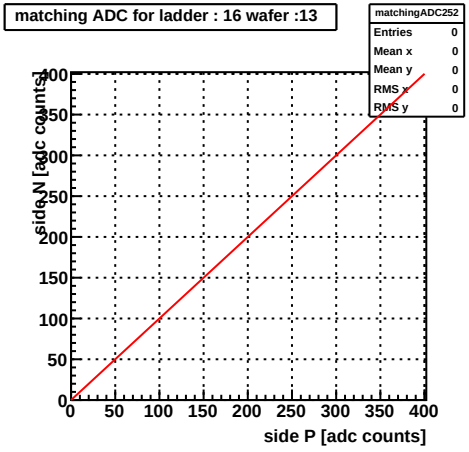

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 433
Mean x 69.38
Mean y 53.01
RMS x 59.15
RMS y 53.81
side N [adc counts]
side P [adc counts]

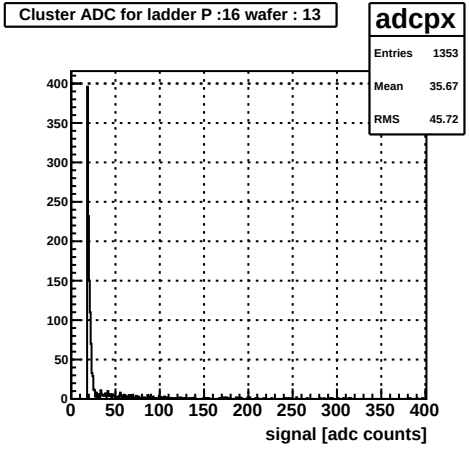

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 3017
Mean 37
RMS 29.51
signal [adc counts]

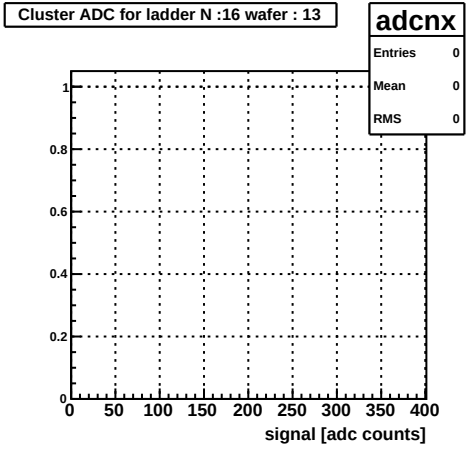

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 2190
Mean 36.64
RMS 38.97
signal [adc counts]

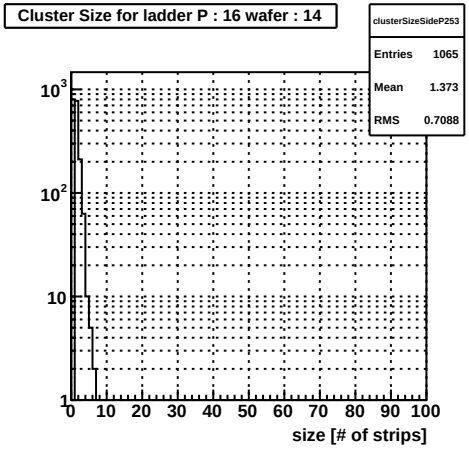

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 1353
Mean 1.106
RMS 0.44
size [# of strips]

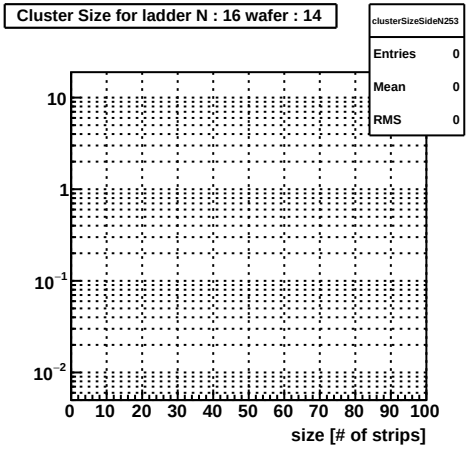

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

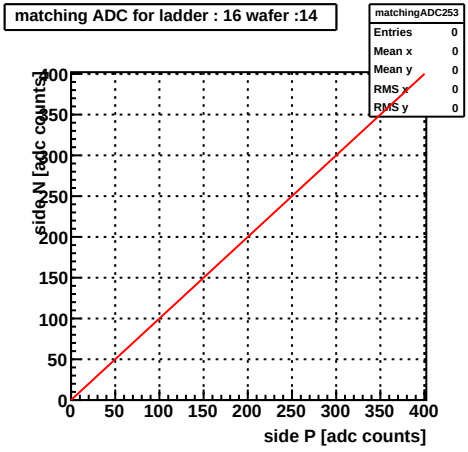

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

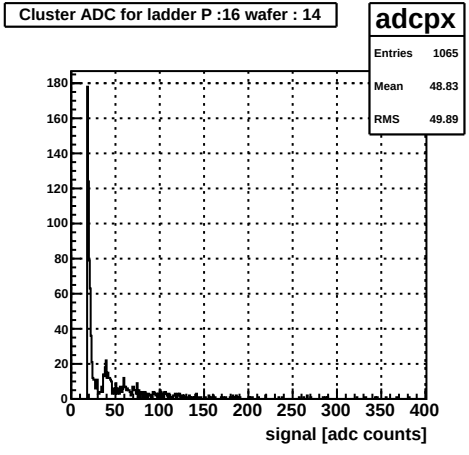

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 1353
Mean 35.67
RMS 45.72
signal [adc counts]

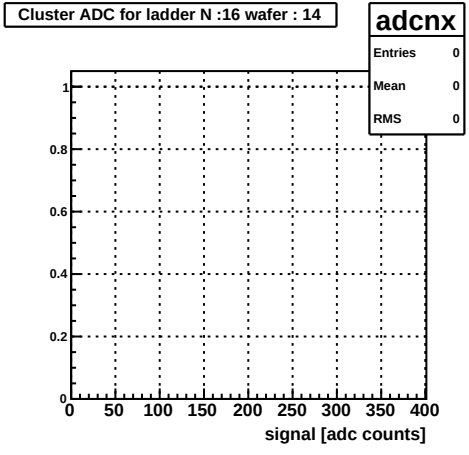

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

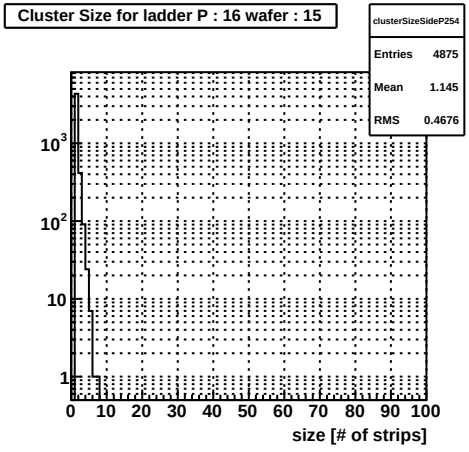

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 1065
Mean 1.373
RMS 0.7088
size [# of strips]

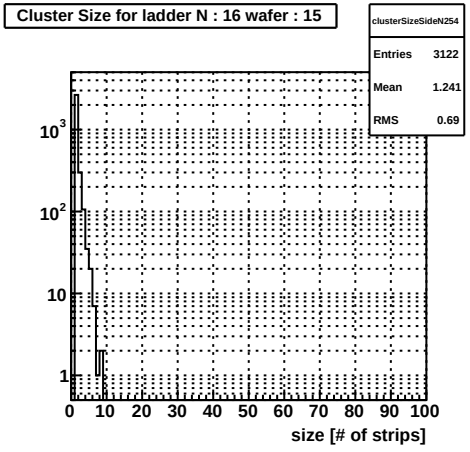

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

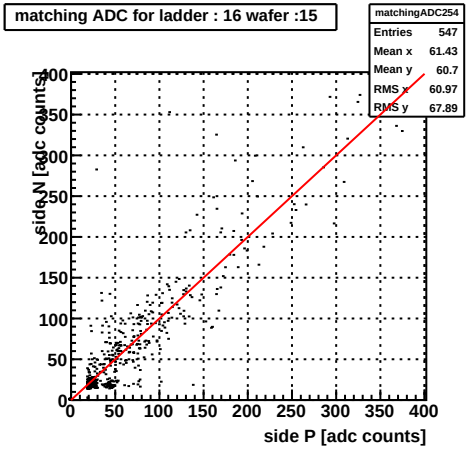

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

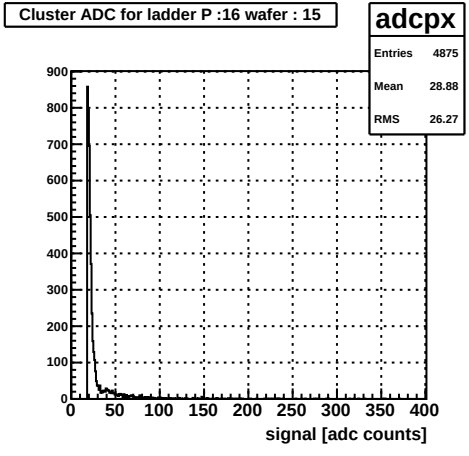

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 1065
Mean 48.83
RMS 49.89
signal [adc counts]

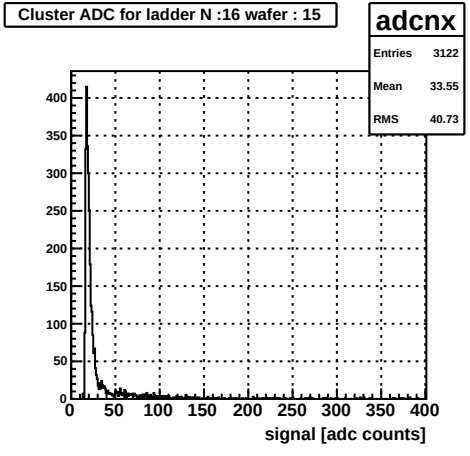

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

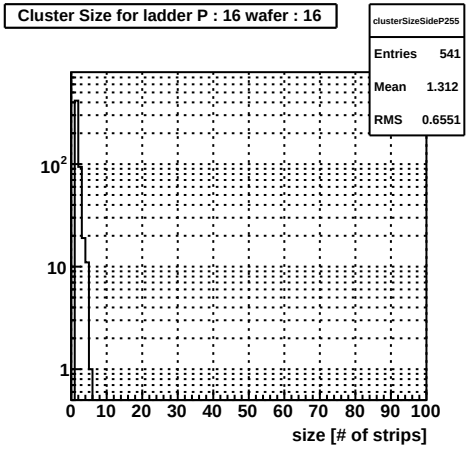

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 4875
Mean 1.145
RMS 0.4676
size [# of strips]

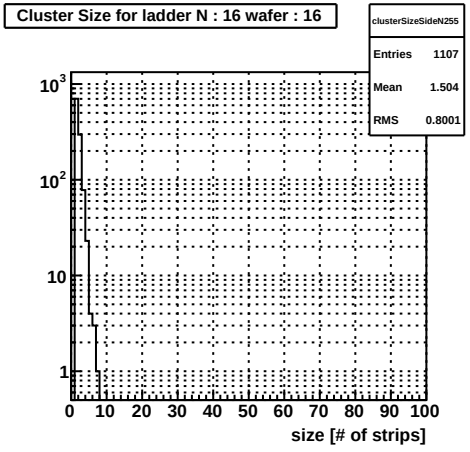

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 3122
Mean 1.241
RMS 0.69
size [# of strips]

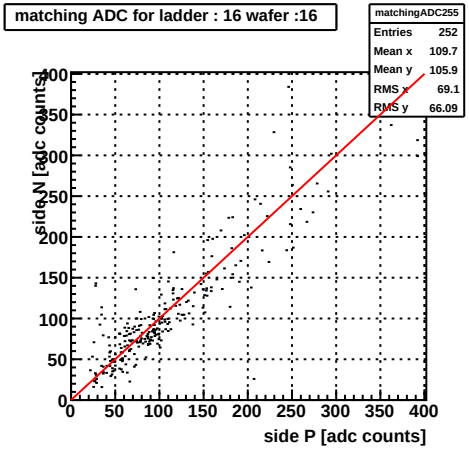

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 547
Mean x 61.43
Mean y 60.7
RMS x 60.97
RMS y 67.89
side N [adc counts]
side P [adc counts]

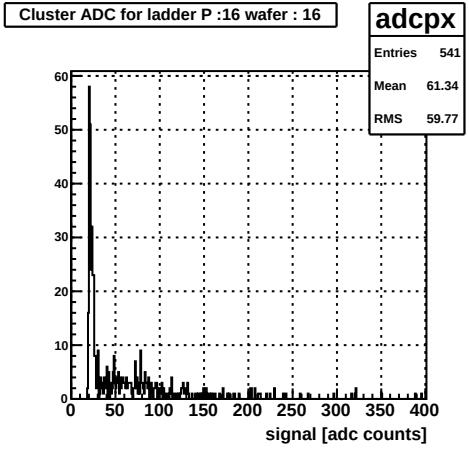

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 4875
Mean 28.88
RMS 26.27
signal [adc counts]

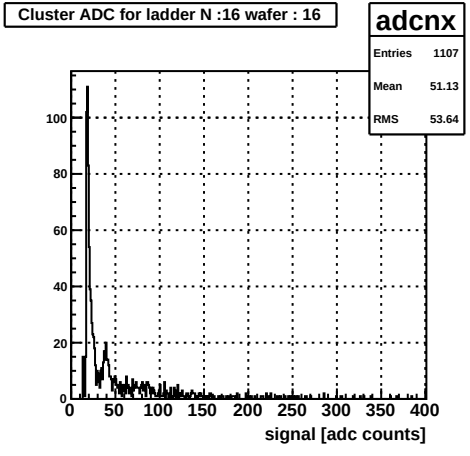

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 3122
Mean 33.55
RMS 40.73
signal [adc counts]

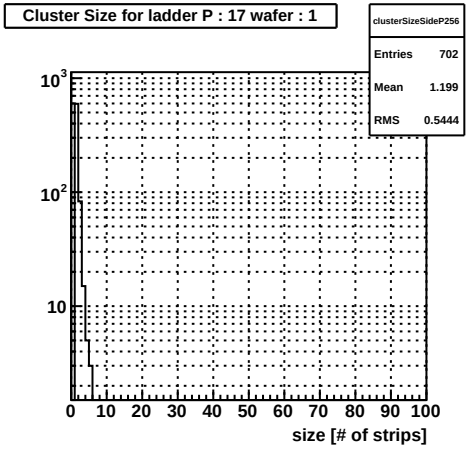

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 541
Mean 1.312
RMS 0.6551
size [# of strips]

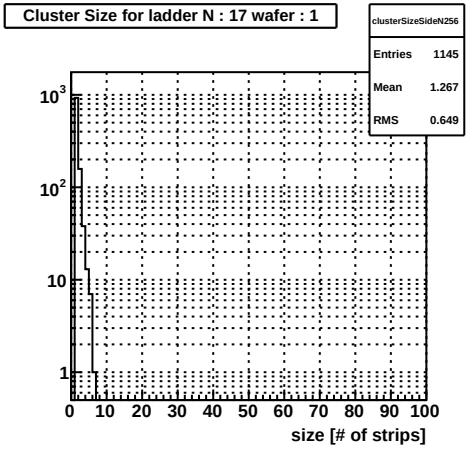

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 1107
Mean 1.504
RMS 0.8001
size [# of strips]

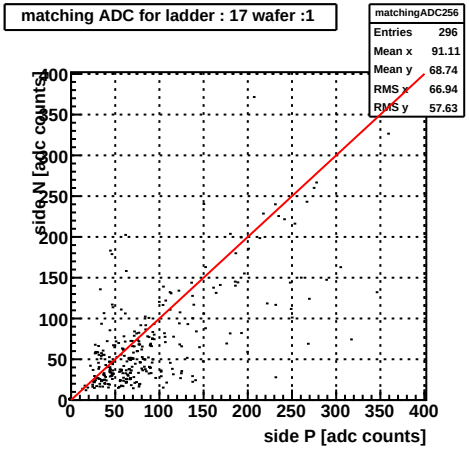

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 252
Mean x 109.7
Mean y 105.9
RMS x 69.1
RMS y 66.09
side N [adc counts]
side P [adc counts]

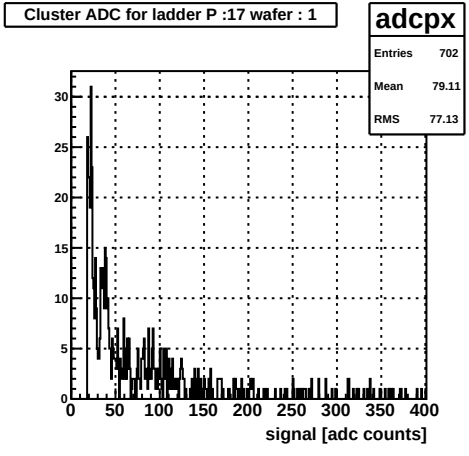

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 541
Mean 61.34
RMS 59.77
signal [adc counts]

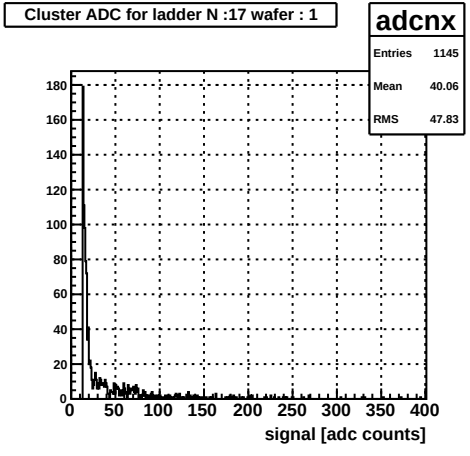

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 1107
Mean 51.13
RMS 53.64
signal [adc counts]

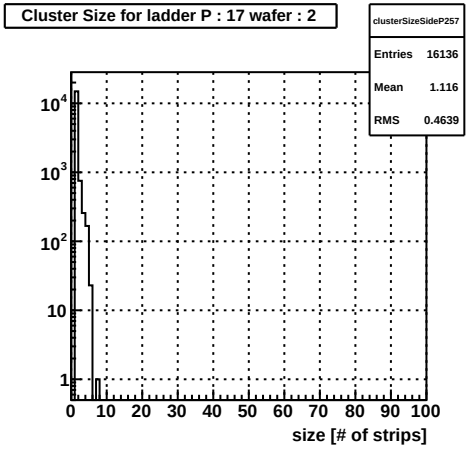

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 702
Mean 1.199
RMS 0.5444
size [# of strips]

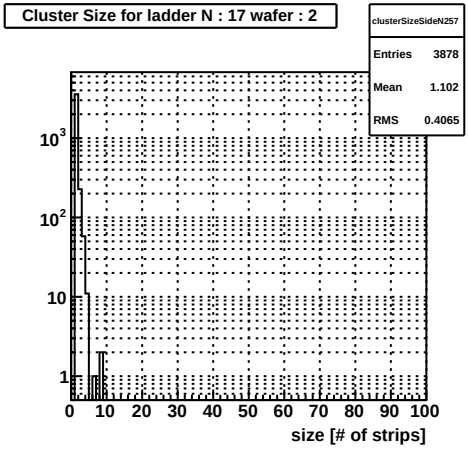

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 1145
Mean 1.267
RMS 0.649
size [# of strips]

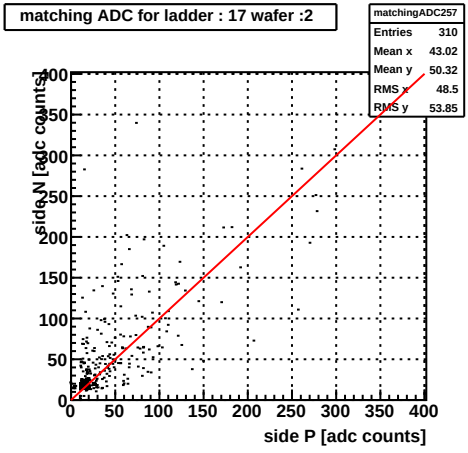

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 296
Mean x 91.11
Mean y 68.74
RMS x 66.94
RMS y 57.63
side N [adc counts]
side P [adc counts]

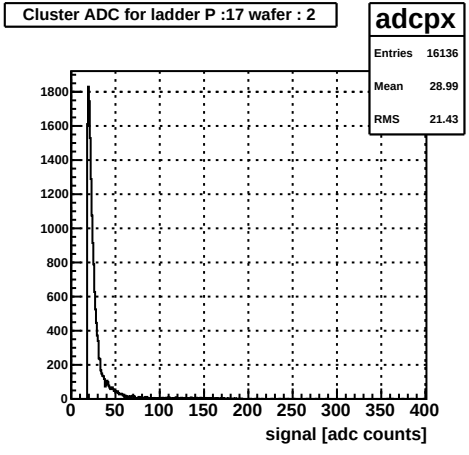

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 702
Mean 79.11
RMS 77.13
signal [adc counts]

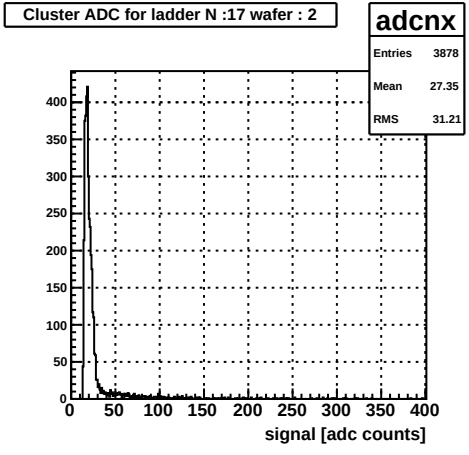

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 1145
Mean 40.06
RMS 47.83
signal [adc counts]

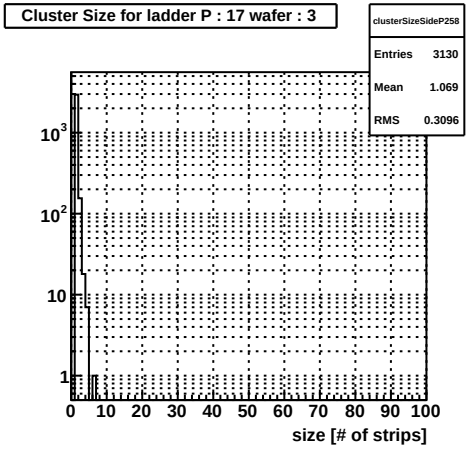

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 16136
Mean 1.116
RMS 0.4639
size [# of strips]

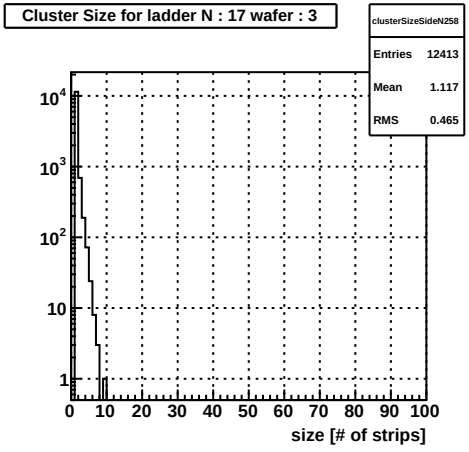

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 3878
Mean 1.102
RMS 0.4065
size [# of strips]

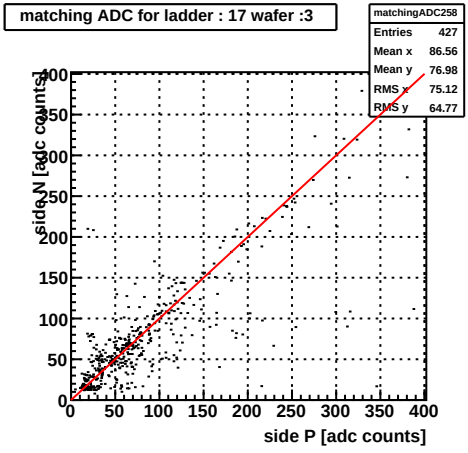

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 310
Mean x 43.02
Mean y 50.32
RMS x 48.5
RMS y 53.85
side N [adc counts]
side P [adc counts]

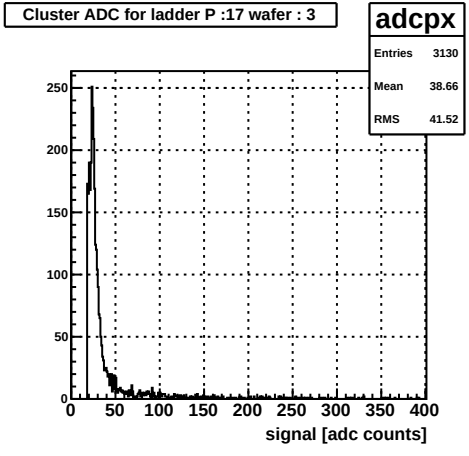

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 16136
Mean 28.99
RMS 21.43
signal [adc counts]

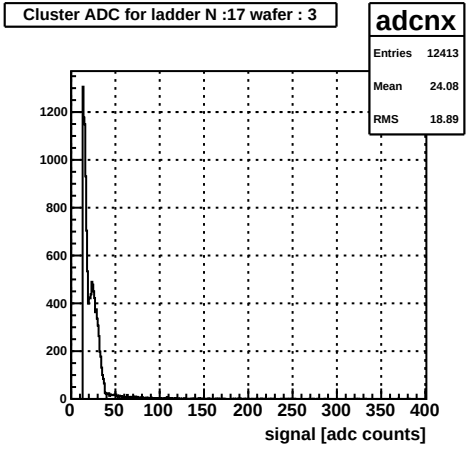

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 3878
Mean 27.35
RMS 31.21
signal [adc counts]

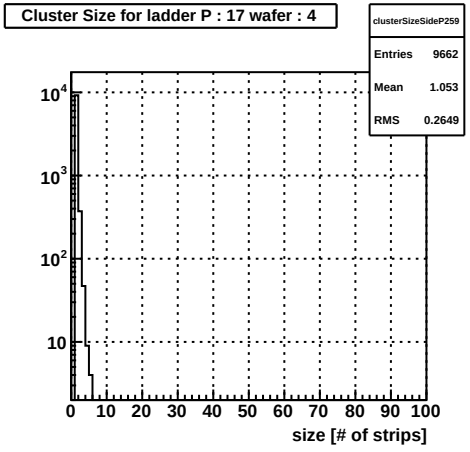

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 3130
Mean 1.069
RMS 0.3096
size [# of strips]

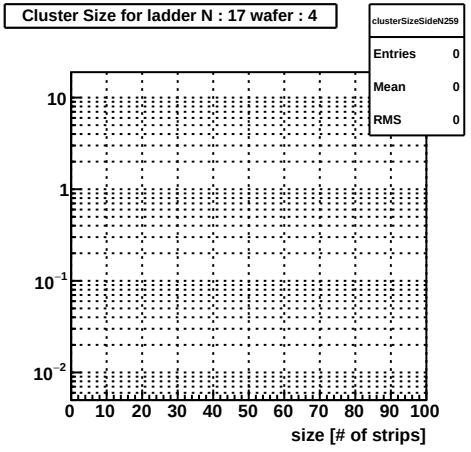

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 12413
Mean 1.117
RMS 0.465
size [# of strips]

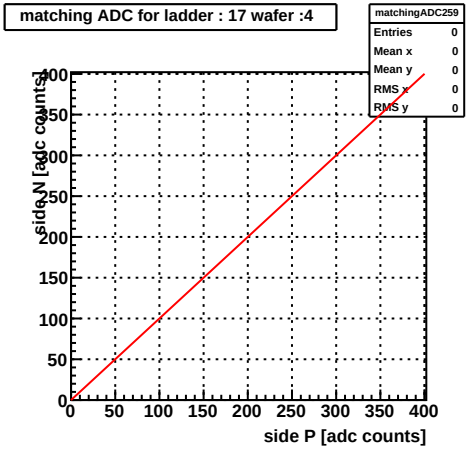

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 427
Mean x 86.56
Mean y 76.98
RMS x 75.12
RMS y 64.77
side N [adc counts]
side P [adc counts]

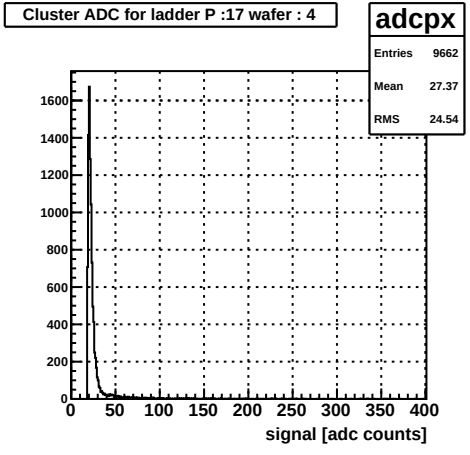

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 3130
Mean 38.66
RMS 41.52
signal [adc counts]

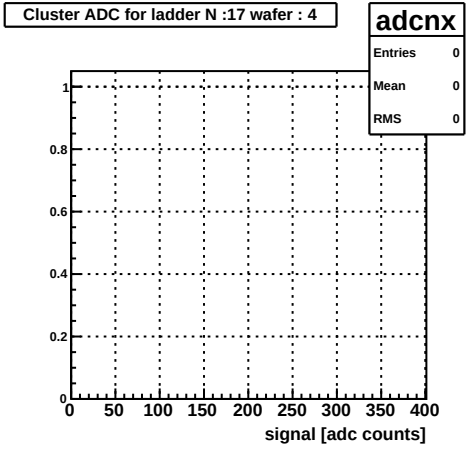

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 12413
Mean 24.08
RMS 18.89
signal [adc counts]

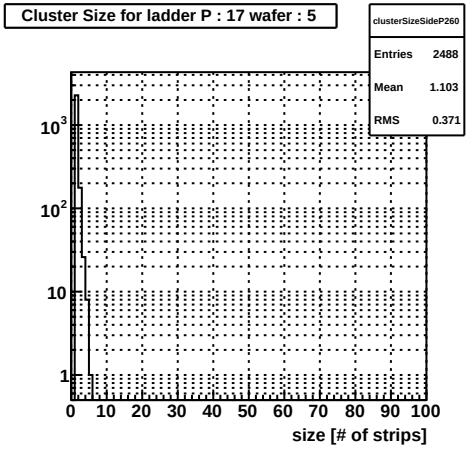

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 9662
Mean 1.053
RMS 0.2649
size [# of strips]

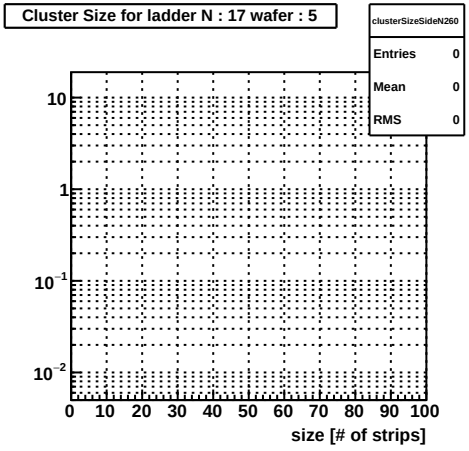

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

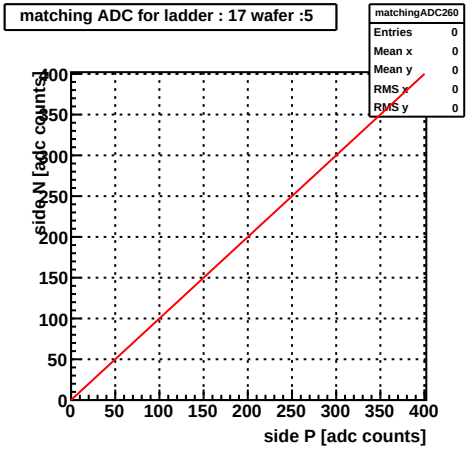

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

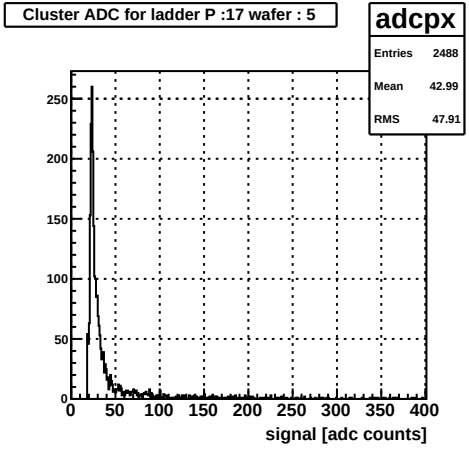

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 9662
Mean 27.37
RMS 24.54
signal [adc counts]

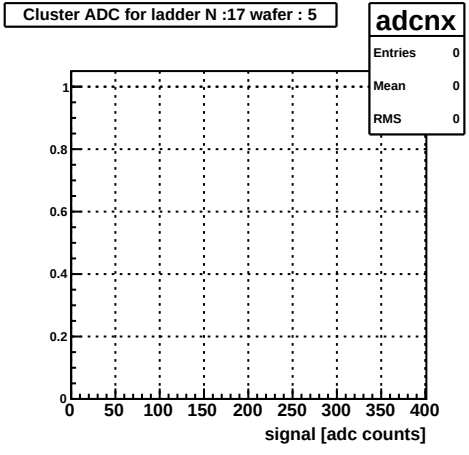

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

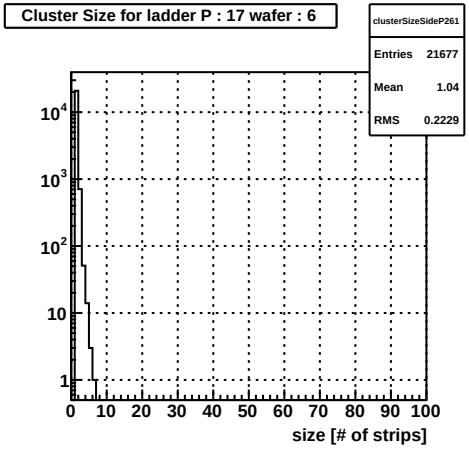

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 2488
Mean 1.103
RMS 0.371
size [# of strips]

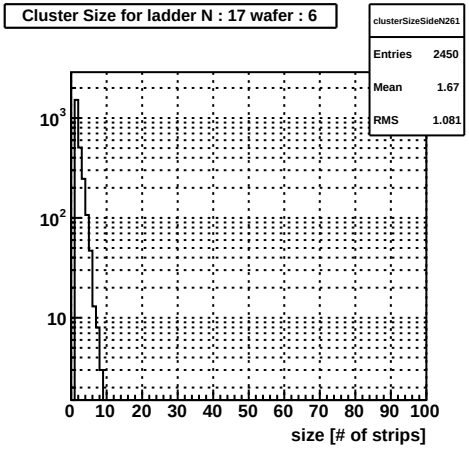

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

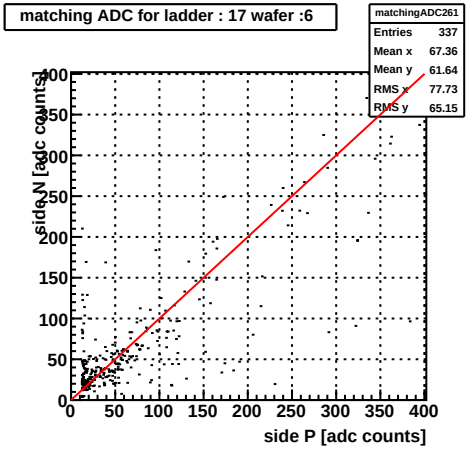

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

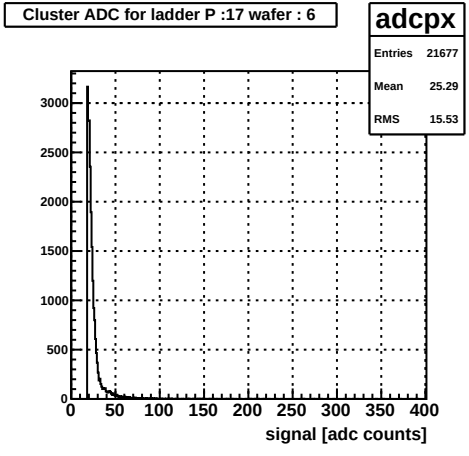

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 2488
Mean 42.99
RMS 47.91
signal [adc counts]

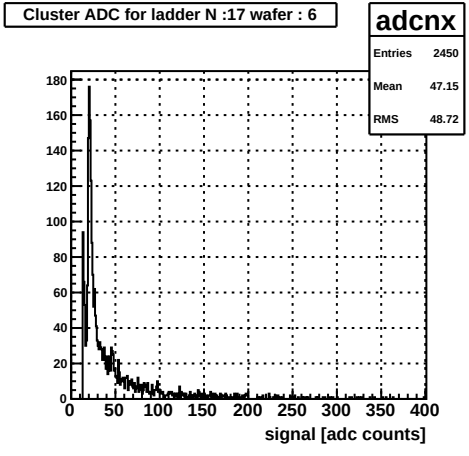

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

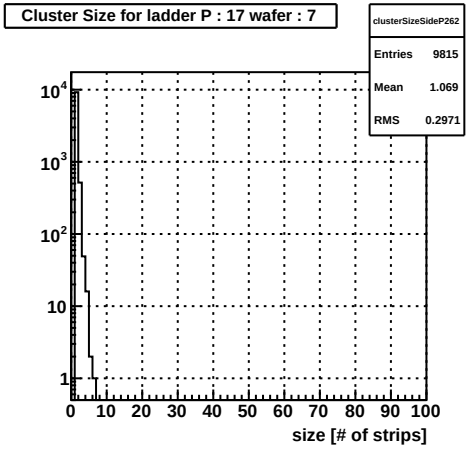

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 21677
Mean 1.04
RMS 0.2229
size [# of strips]

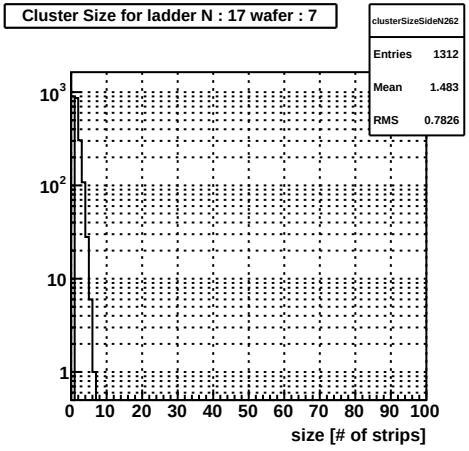

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 2450
Mean 1.67
RMS 1.081
size [# of strips]

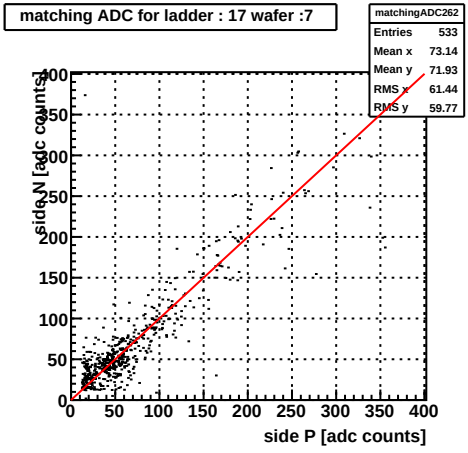

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 337
Mean x 67.36
Mean y 61.64
RMS x 77.73
RMS y 65.15
side N [adc counts]
side P [adc counts]

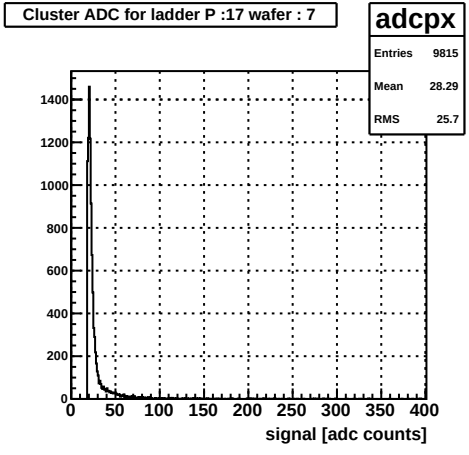

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 21677
Mean 25.29
RMS 15.53
signal [adc counts]

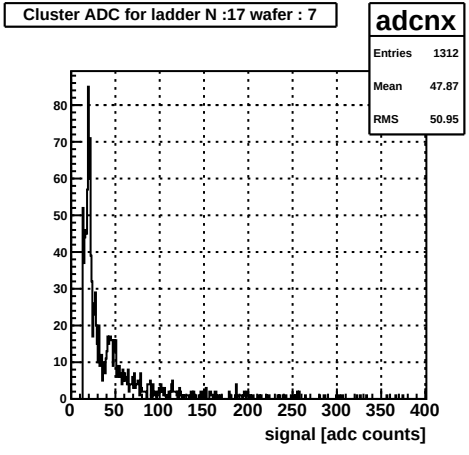

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 2450
Mean 47.15
RMS 48.72
signal [adc counts]

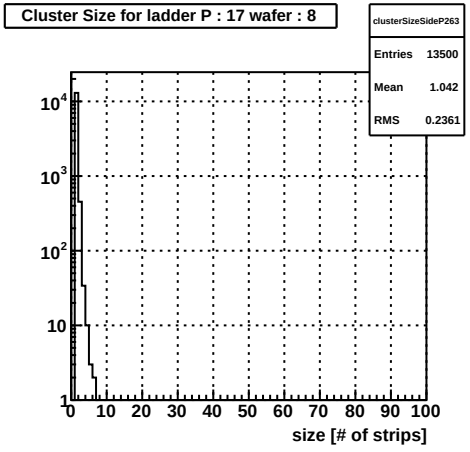

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 9815
Mean 1.069
RMS 0.2971
size [# of strips]

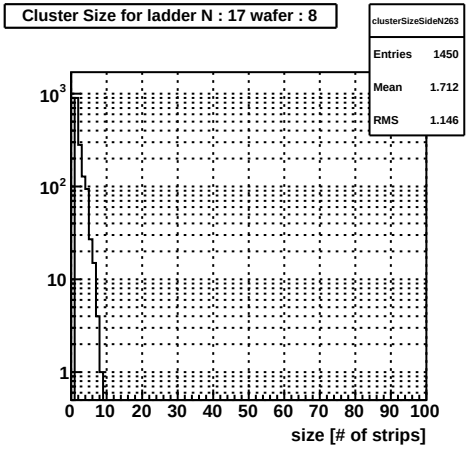

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 1312
Mean 1.483
RMS 0.7826
size [# of strips]

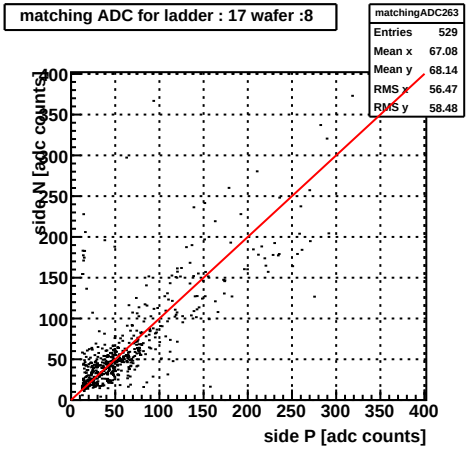

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 533
Mean x 73.14
Mean y 71.93
RMS x 61.44
RMS y 59.77
side N [adc counts]
side P [adc counts]

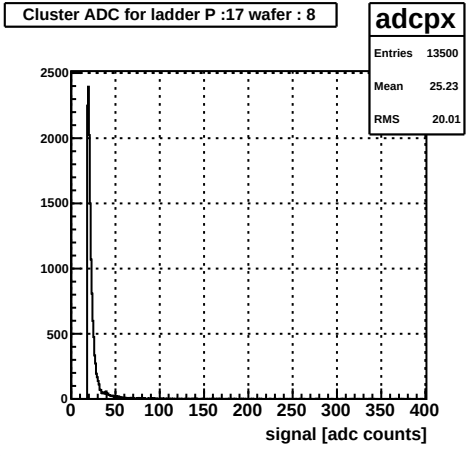

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 9815
Mean 28.29
RMS 25.7
signal [adc counts]

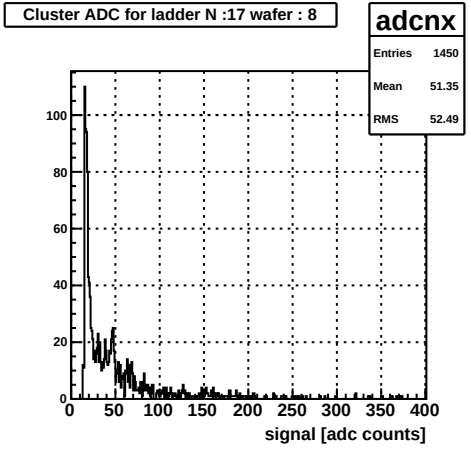

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 1312
Mean 47.87
RMS 50.95
signal [adc counts]

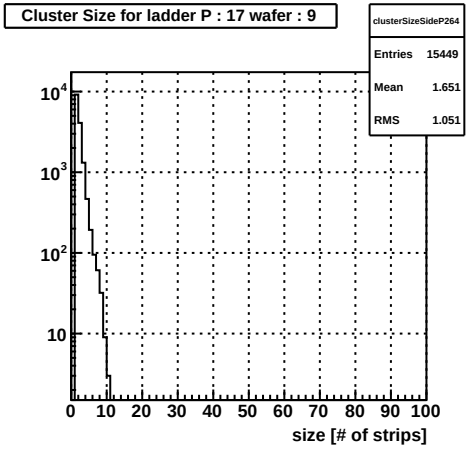

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 13500
Mean 1.042
RMS 0.2361
size [# of strips]

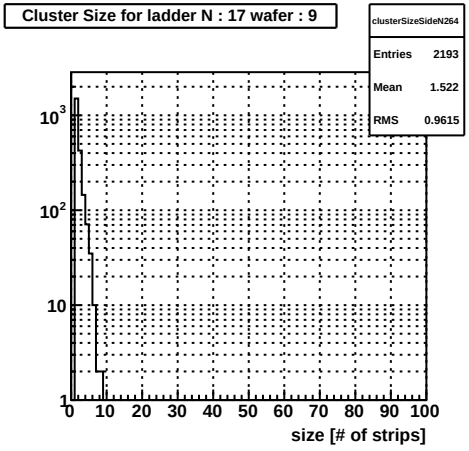

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 1450
Mean 1.712
RMS 1.146
size [# of strips]

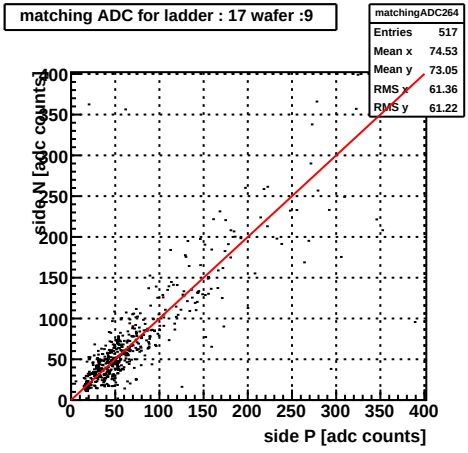

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 529
Mean x 67.08
Mean y 68.14
RMS x 56.47
RMS y 58.48
side N [adc counts]
side P [adc counts]

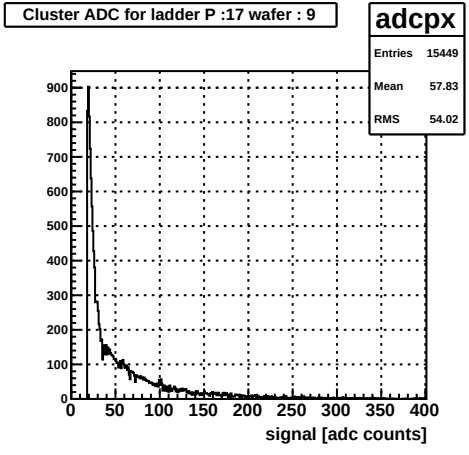

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 13500
Mean 25.23
RMS 20.01
signal [adc counts]

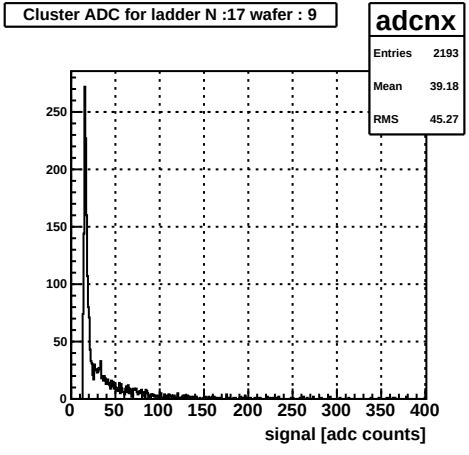

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 1450
Mean 51.35
RMS 52.49
signal [adc counts]

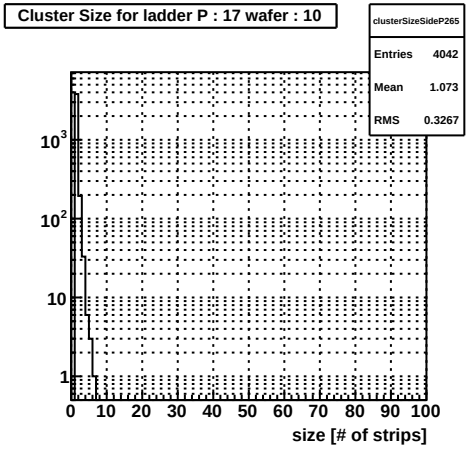

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 15449
Mean 1.651
RMS 1.051
size [# of strips]

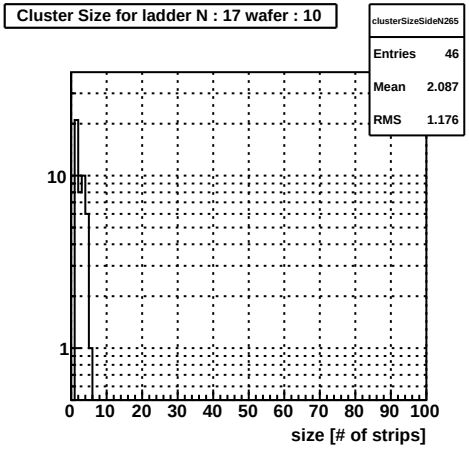

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 2193
Mean 1.522
RMS 0.9615
size [# of strips]

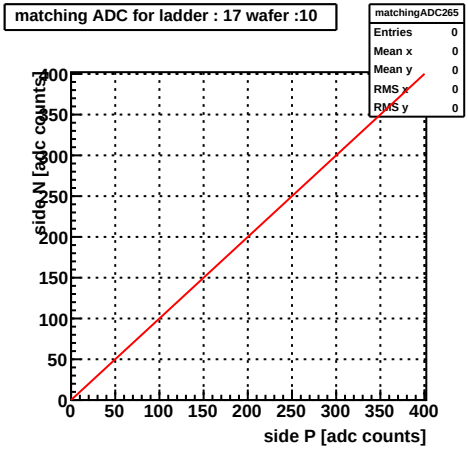

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 517
Mean x 74.53
Mean y 73.05
RMS x 61.36
RMS y 61.22
side N [adc counts]
side P [adc counts]

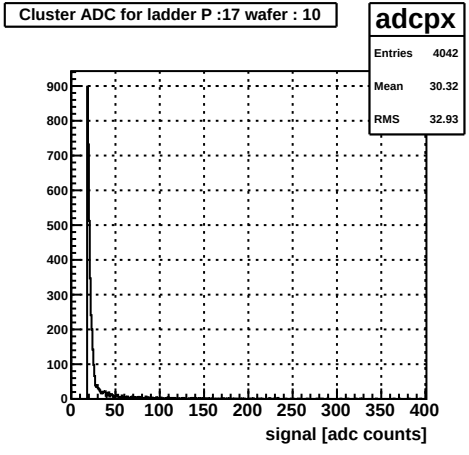

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 15449
Mean 57.83
RMS 54.02
signal [adc counts]

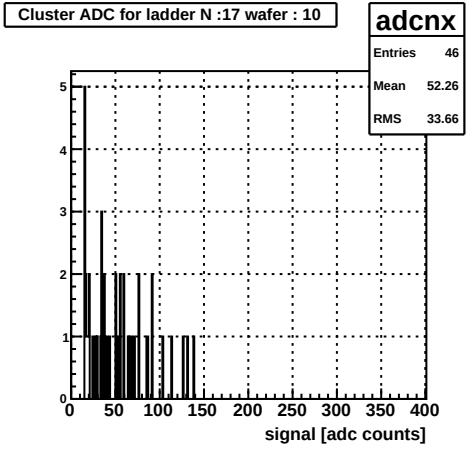

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 2193
Mean 39.18
RMS 45.27
signal [adc counts]

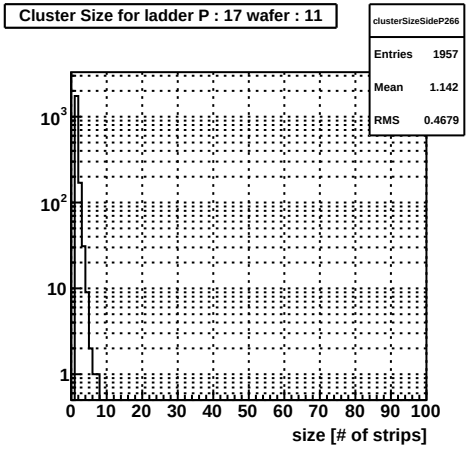

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 4042
Mean 1.073
RMS 0.3267
size [# of strips]

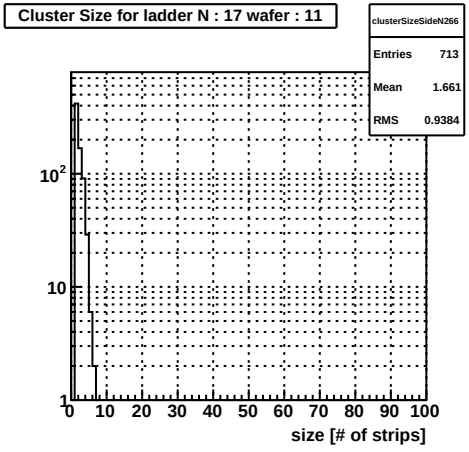

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 46
Mean 2.087
RMS 1.176
size [# of strips]

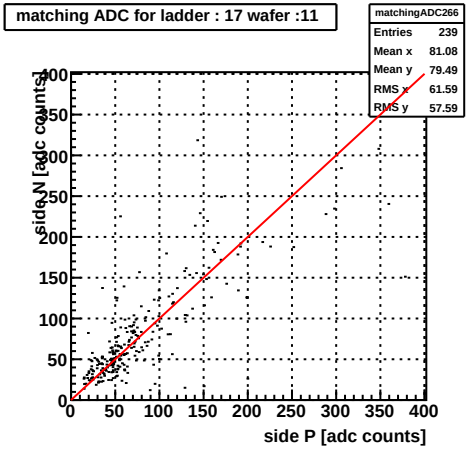

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

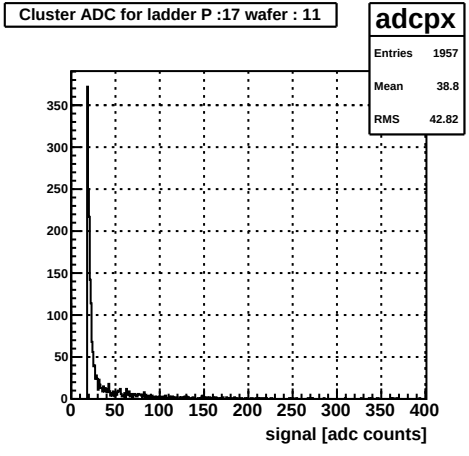

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 4042
Mean 30.32
RMS 32.93
signal [adc counts]

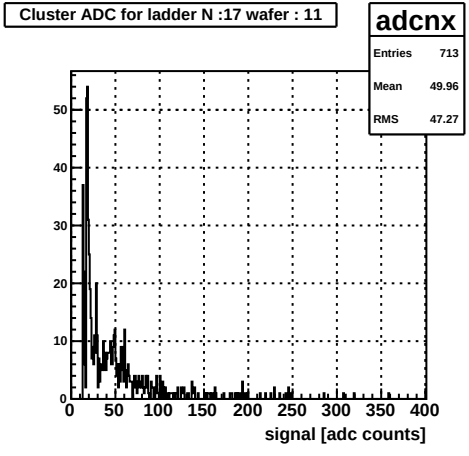

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 46
Mean 52.26
RMS 33.66
signal [adc counts]

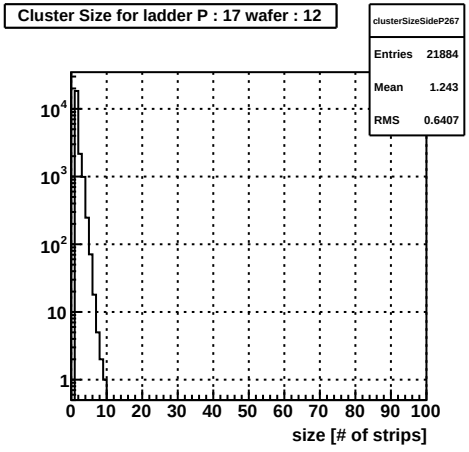

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 1957
Mean 1.142
RMS 0.4679
size [# of strips]

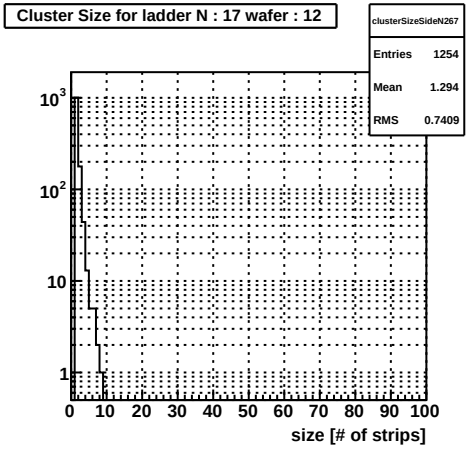

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 713
Mean 1.661
RMS 0.9384
size [# of strips]

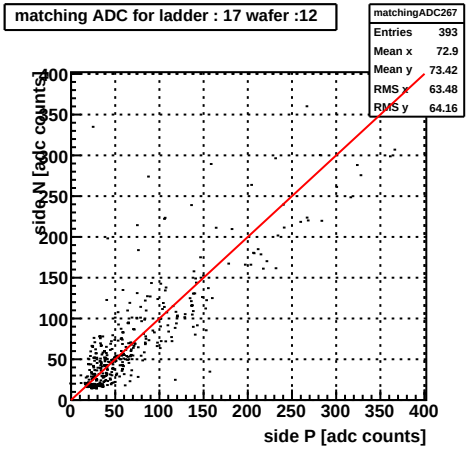

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 239
Mean x 81.08
Mean y 79.49
RMS x 61.59
RMS y 57.59
side N [adc counts]
side P [adc counts]

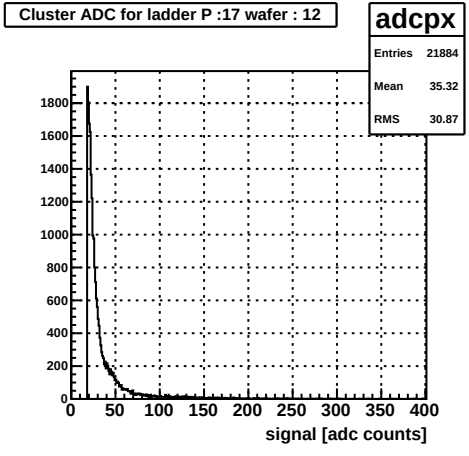

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 1957
Mean 38.8
RMS 42.82
signal [adc counts]

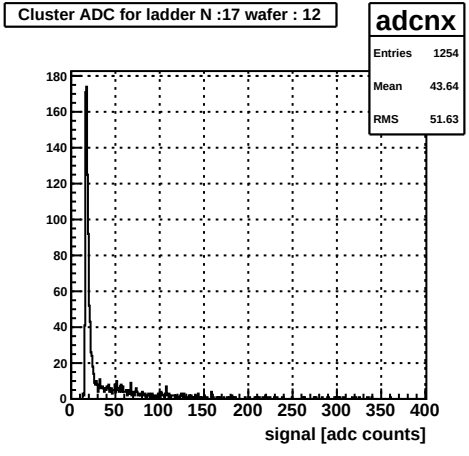

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 713
Mean 49.96
RMS 47.27
signal [adc counts]

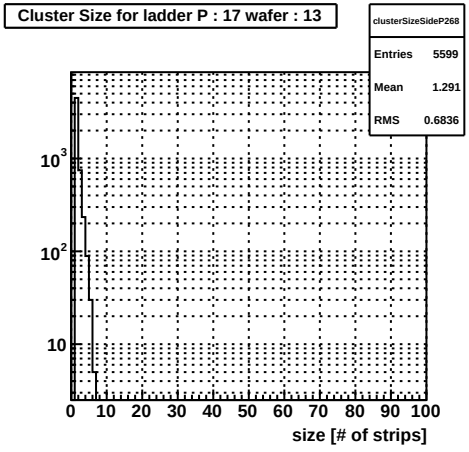

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 21884
Mean 1.243
RMS 0.6407
size [# of strips]

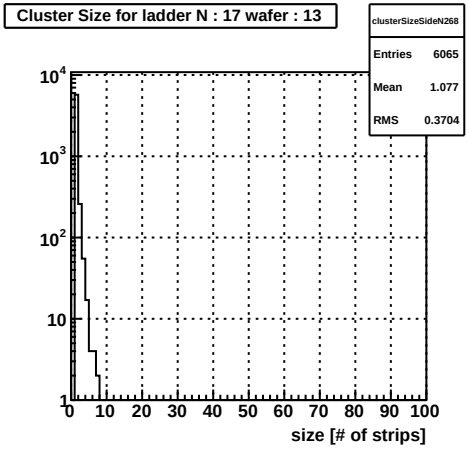

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 1254
Mean 1.294
RMS 0.7409
size [# of strips]

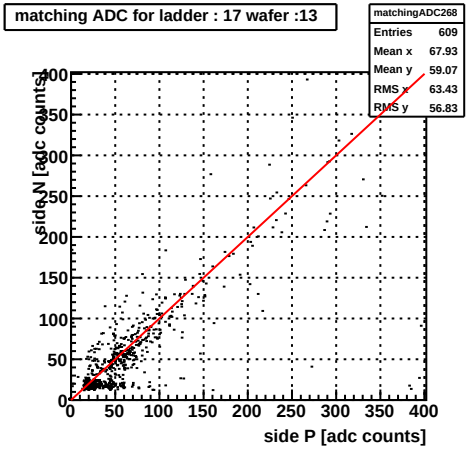

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 393
Mean x 72.9
Mean y 73.42
RMS x 63.48
RMS y 64.16
side N [adc counts]
side P [adc counts]

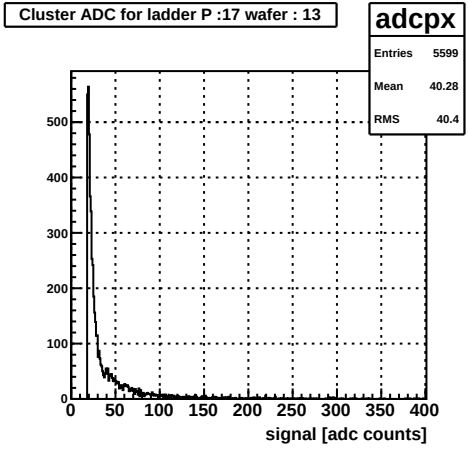

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 21884
Mean 35.32
RMS 30.87
signal [adc counts]

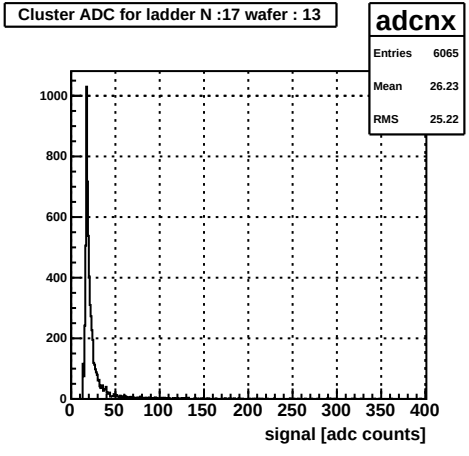

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 1254
Mean 43.64
RMS 51.63
signal [adc counts]

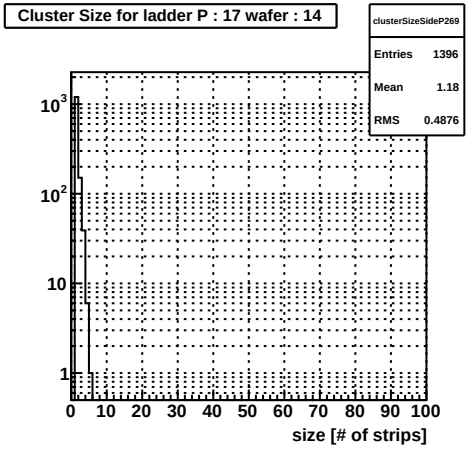

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 5599
Mean 1.291
RMS 0.6836
size [# of strips]

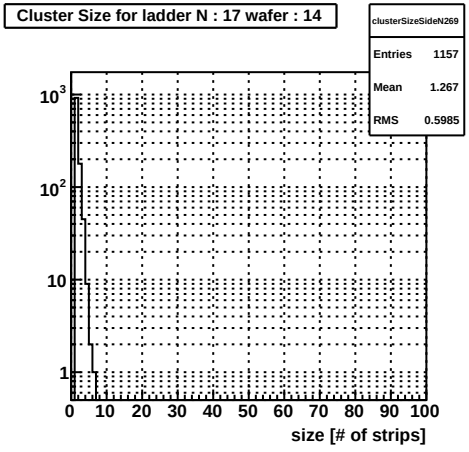

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 6065
Mean 1.077
RMS 0.3704
size [# of strips]

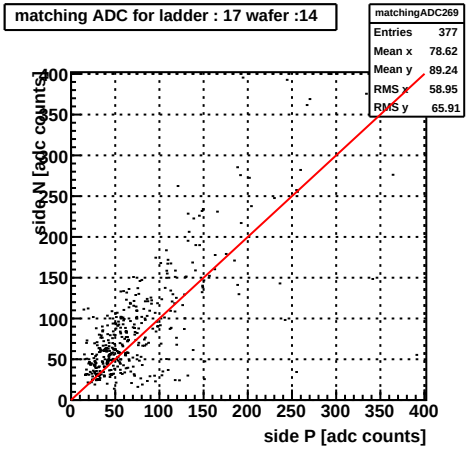

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 609
Mean x 67.93
Mean y 59.07
RMS x 63.43
RMS y 56.83
side N [adc counts]
side P [adc counts]

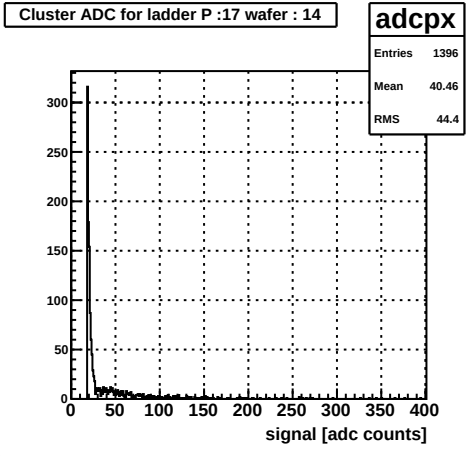

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 5599
Mean 40.28
RMS 40.4
signal [adc counts]

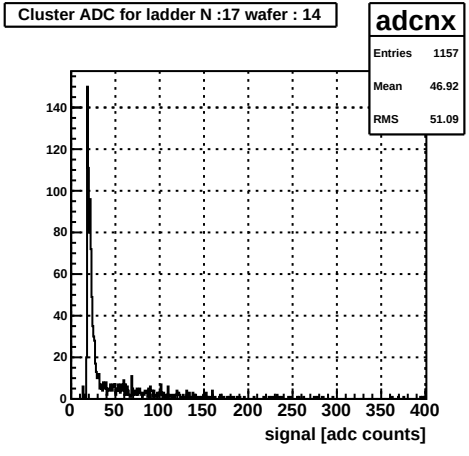

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 6065
Mean 26.23
RMS 25.22
signal [adc counts]

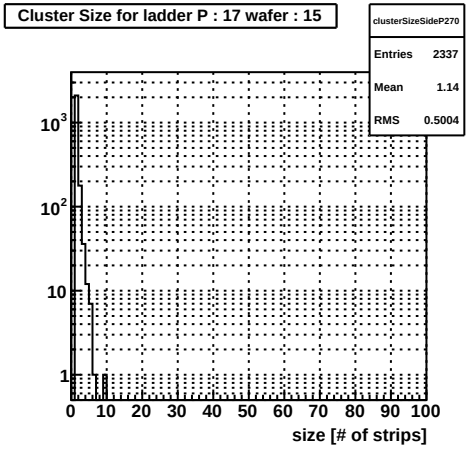

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 1396
Mean 1.18
RMS 0.4876
size [# of strips]

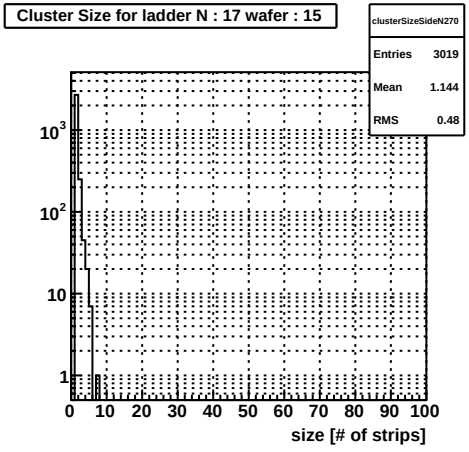

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 1157
Mean 1.267
RMS 0.5985
size [# of strips]

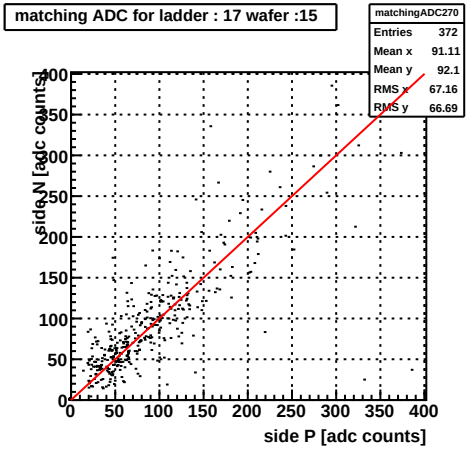

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 377
Mean x 78.62
Mean y 89.24
RMS x 58.95
RMS y 65.91
side N [adc counts]
side P [adc counts]

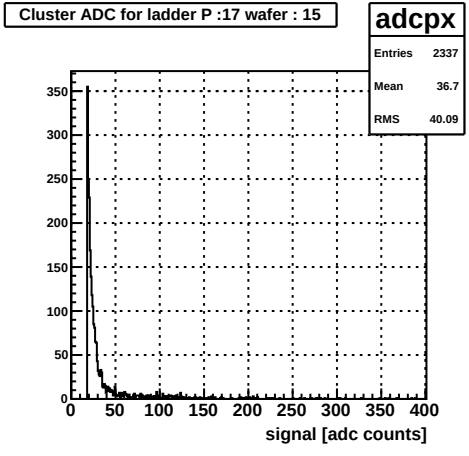

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 1396
Mean 40.46
RMS 44.4
signal [adc counts]

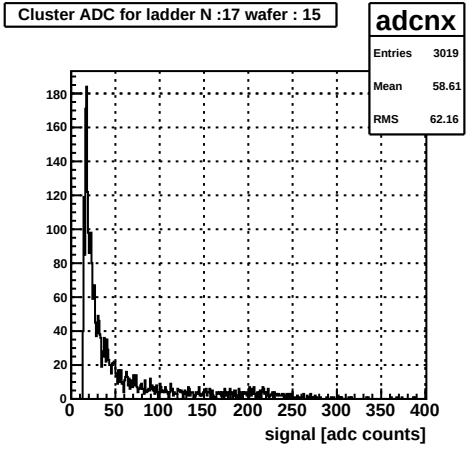

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 1157
Mean 46.92
RMS 51.09
signal [adc counts]

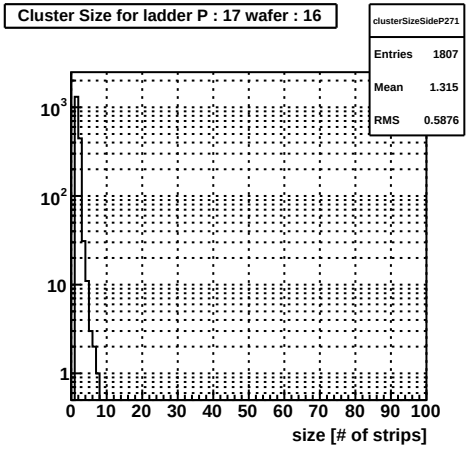

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 2337
Mean 1.14
RMS 0.5004
size [# of strips]

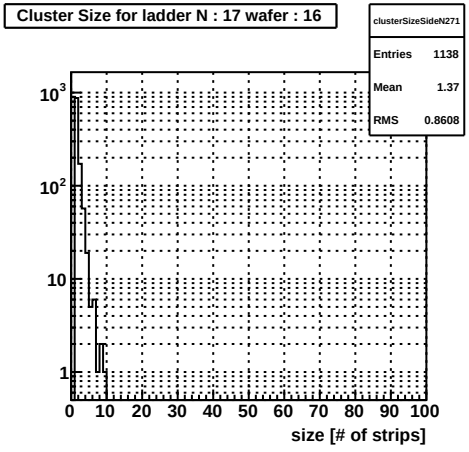

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 3019
Mean 1.144
RMS 0.48
size [# of strips]

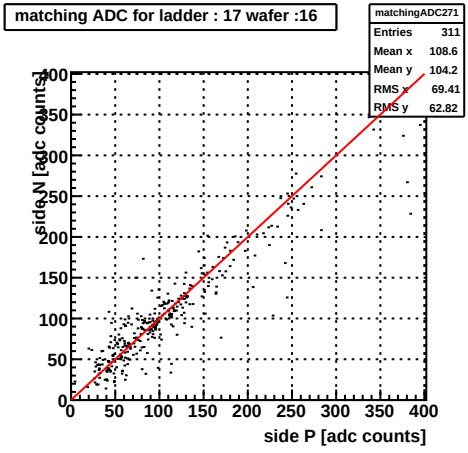

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 372
Mean x 91.11
Mean y 92.1
RMS x 67.16
RMS y 66.69
side N [adc counts]
side P [adc counts]

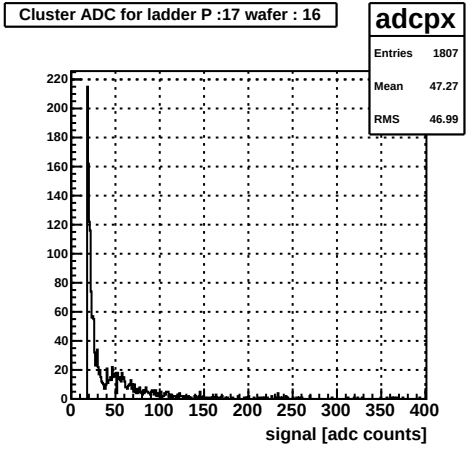

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 2337
Mean 36.7
RMS 40.09
signal [adc counts]

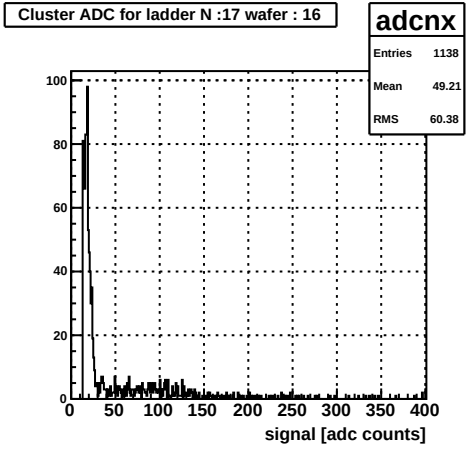

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 3019
Mean 58.61
RMS 62.16
signal [adc counts]

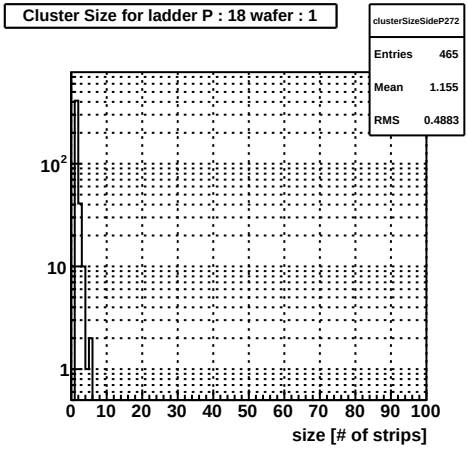

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 1807
Mean 1.315
RMS 0.5876
size [# of strips]

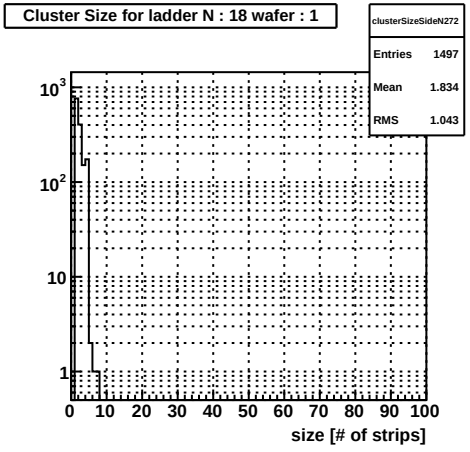

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 1138
Mean 1.37
RMS 0.8608
size [# of strips]

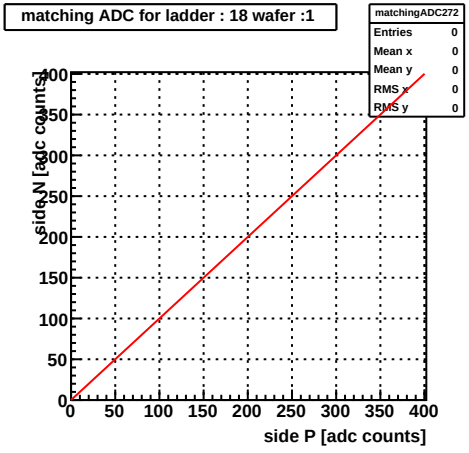

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 311
Mean x 108.6
Mean y 104.2
RMS x 69.41
RMS y 62.82
side N [adc counts]
side P [adc counts]

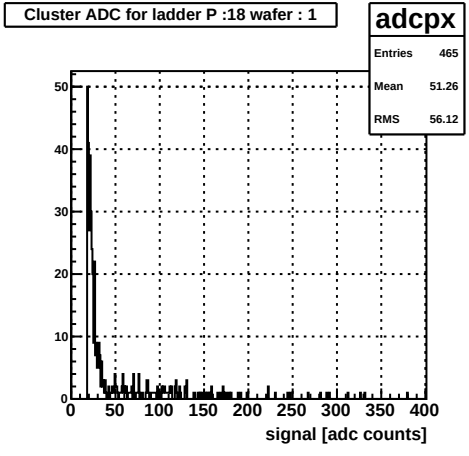

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 1807
Mean 47.27
RMS 46.99
signal [adc counts]

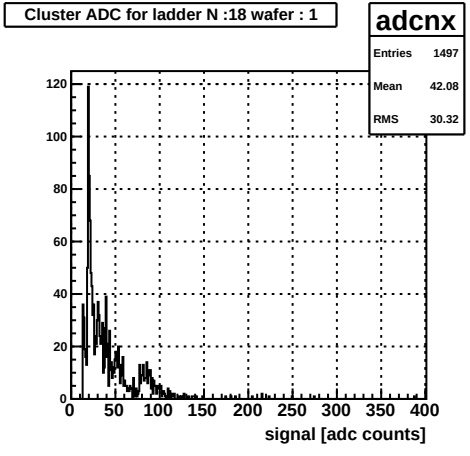

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 1138
Mean 49.21
RMS 60.38
signal [adc counts]

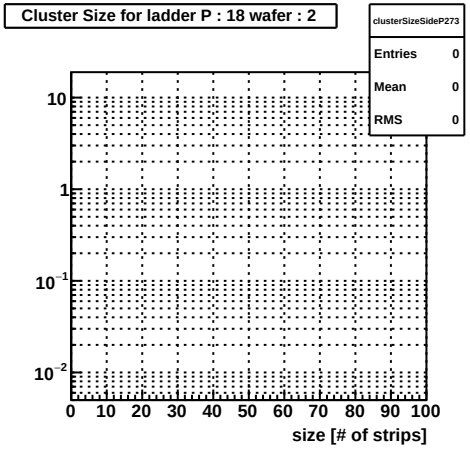

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 465
Mean 1.155
RMS 0.4883
size [# of strips]

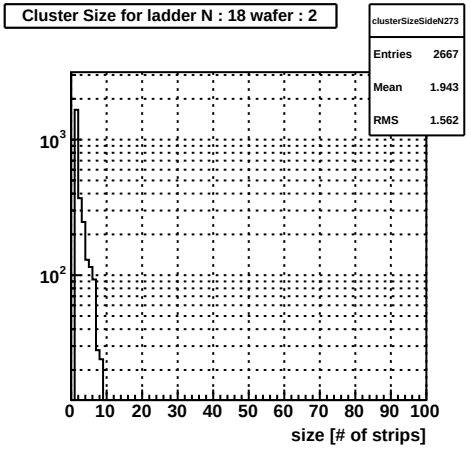

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1497
Mean 1.834
RMS 1.043
size [# of strips]

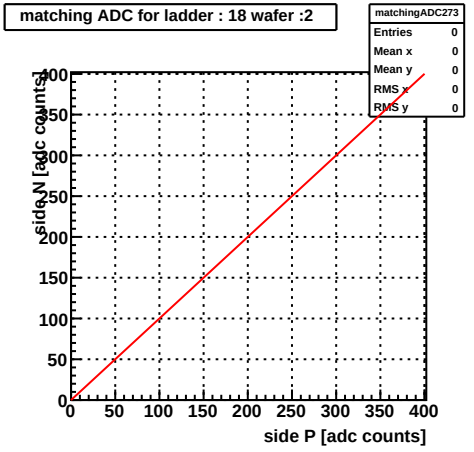

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

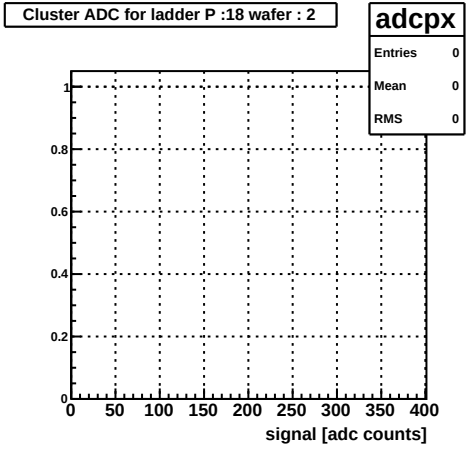

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 465
Mean 51.26
RMS 56.12
signal [adc counts]

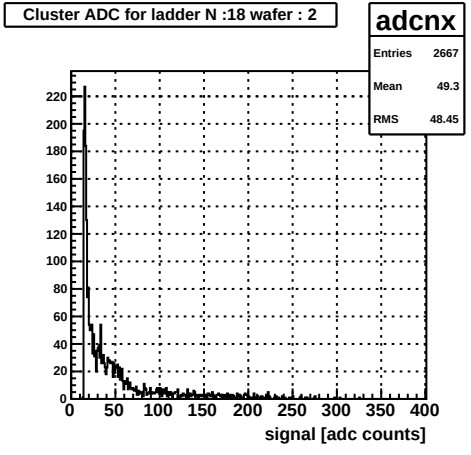

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1497
Mean 42.08
RMS 30.32
signal [adc counts]

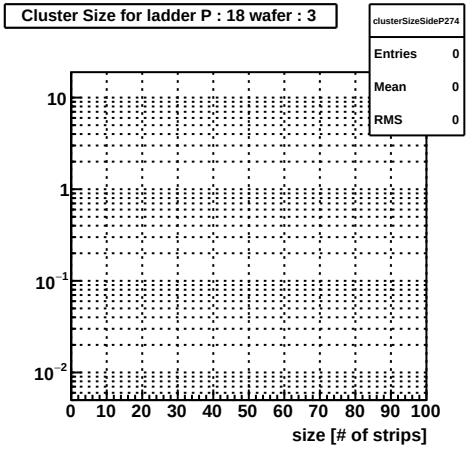

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

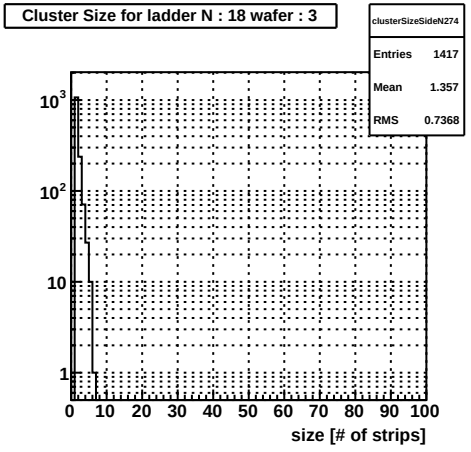

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 2667
Mean 1.943
RMS 1.562
size [# of strips]

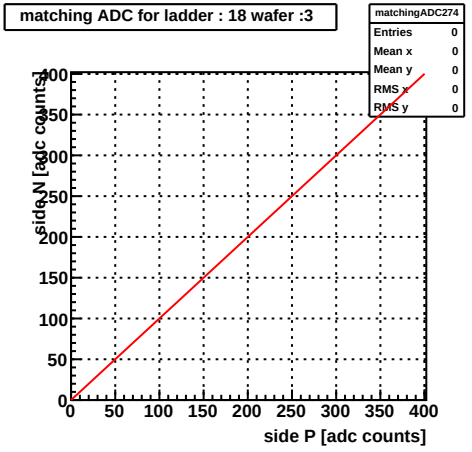

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

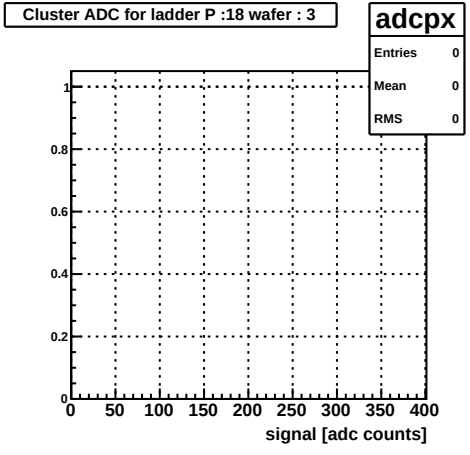

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

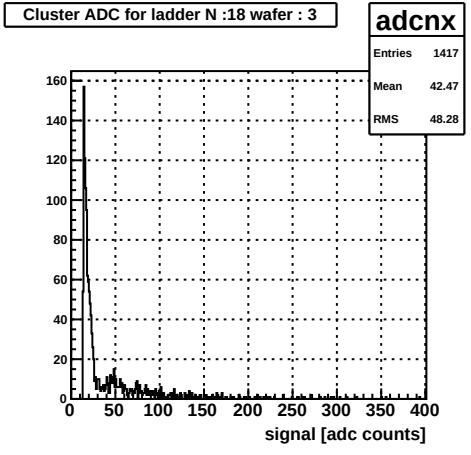

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 2667
Mean 49.3
RMS 48.45
signal [adc counts]

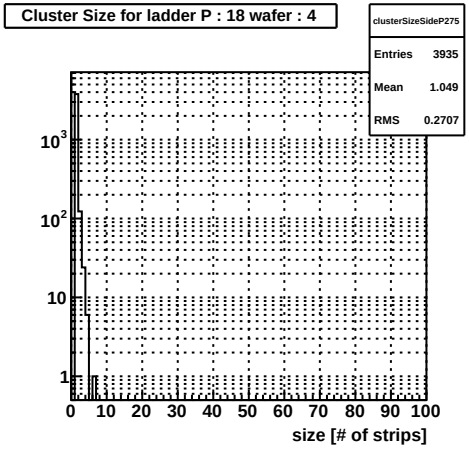

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

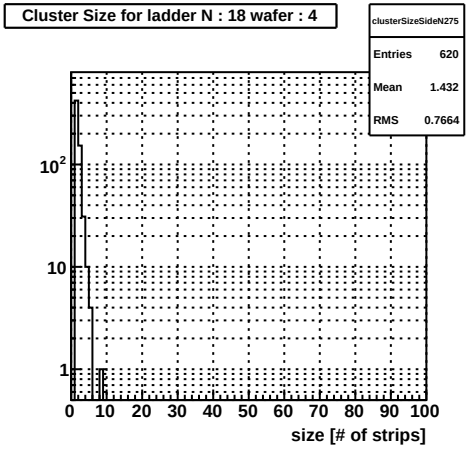

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 1417
Mean 1.357
RMS 0.7368
size [# of strips]

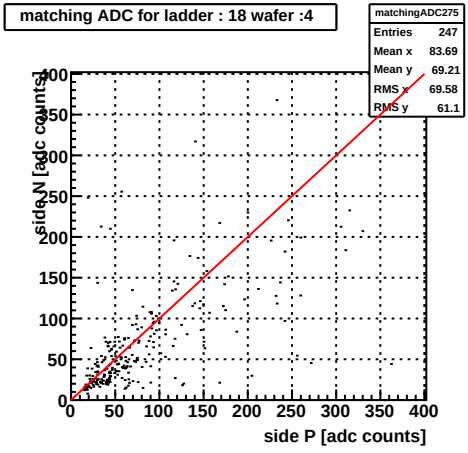

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

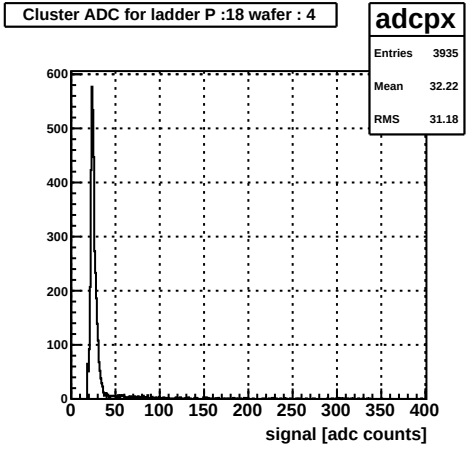

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

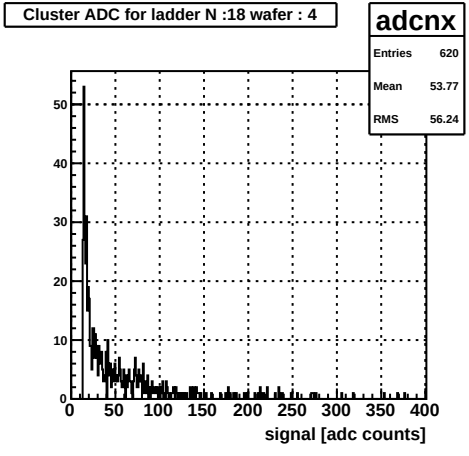

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 1417
Mean 42.47
RMS 48.28
signal [adc counts]

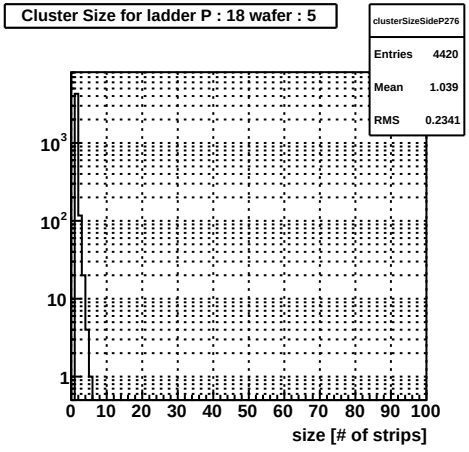

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 3935
Mean 1.049
RMS 0.2707
size [# of strips]

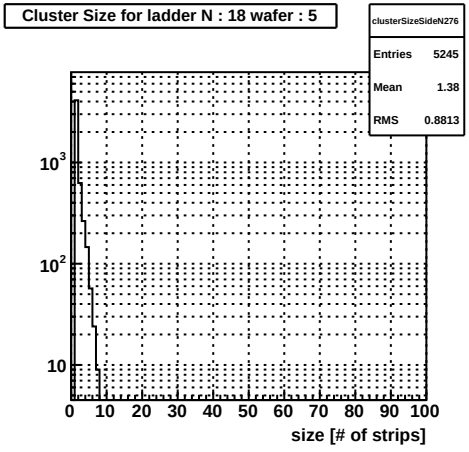

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 620
Mean 1.432
RMS 0.7664
size [# of strips]

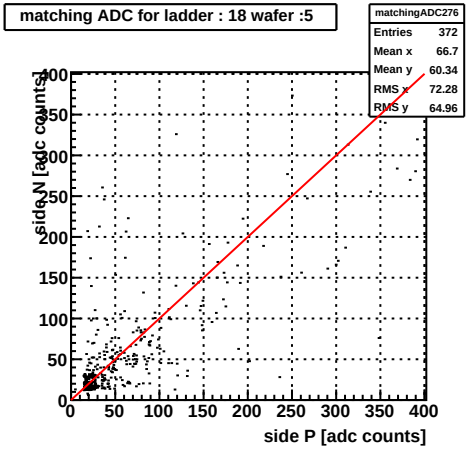

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 247
Mean x 83.69
Mean y 69.21
RMS x 69.58
RMS y 61.1
side N [adc counts]
side P [adc counts]

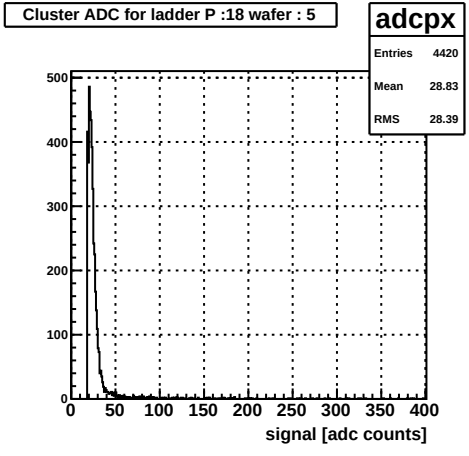

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 3935
Mean 32.22
RMS 31.18
signal [adc counts]

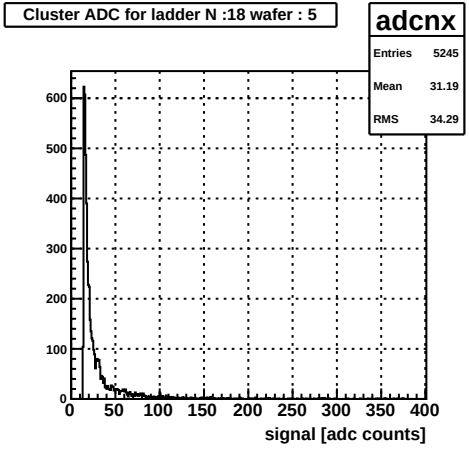

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 620
Mean 53.77
RMS 56.24
signal [adc counts]

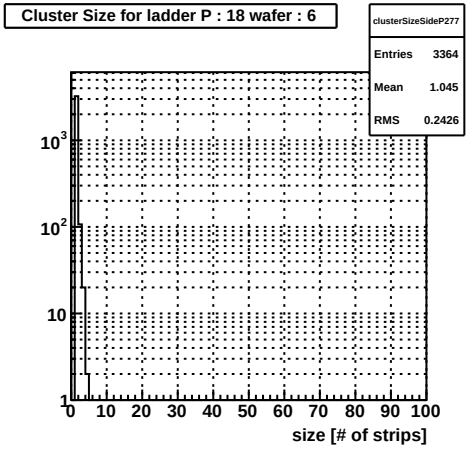

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 4420
Mean 1.039
RMS 0.2341
size [# of strips]

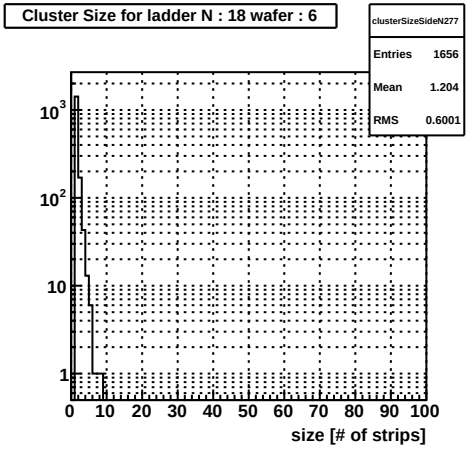

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 5245
Mean 1.38
RMS 0.8813
size [# of strips]

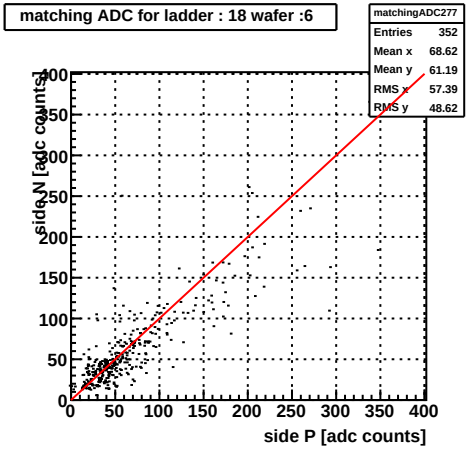

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 372
Mean x 66.7
Mean y 60.34
RMS x 72.28
RMS y 64.96
side N [adc counts]
side P [adc counts]

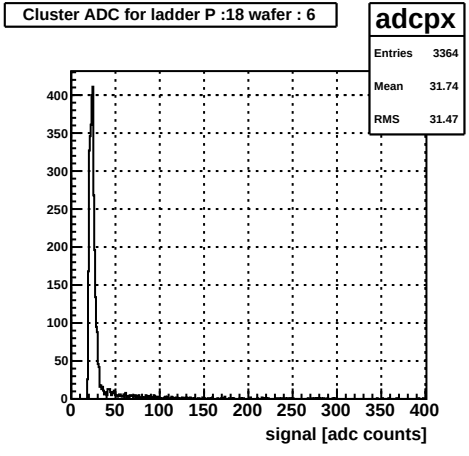

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 4420
Mean 28.83
RMS 28.39
signal [adc counts]

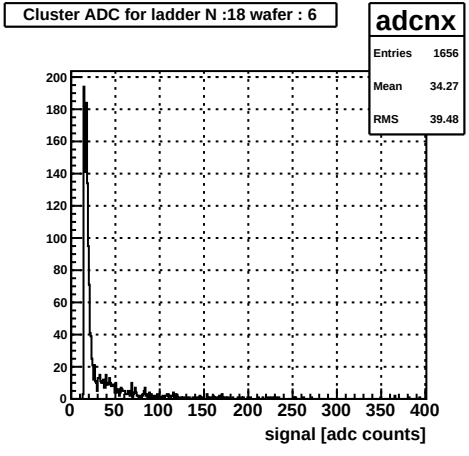

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 5245
Mean 31.19
RMS 34.29
signal [adc counts]

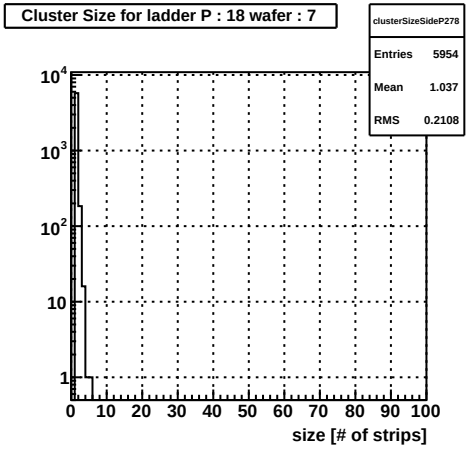

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 3364
Mean 1.045
RMS 0.2426
size [# of strips]

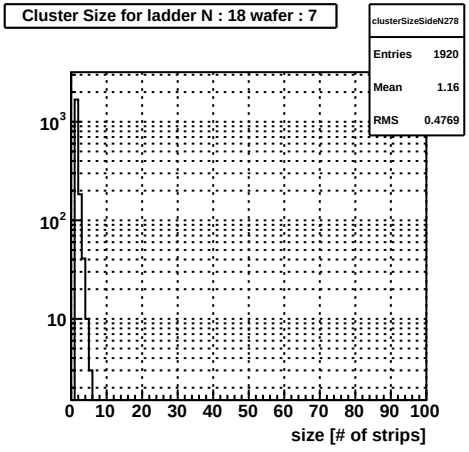

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 1656
Mean 1.204
RMS 0.6001
size [# of strips]

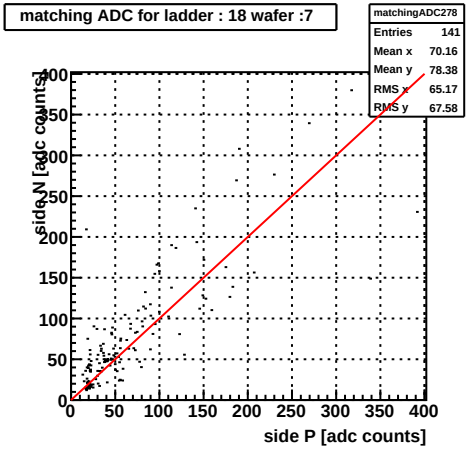

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 352
Mean x 68.62
Mean y 61.19
RMS x 57.39
RMS y 48.62
side N [adc counts]
side P [adc counts]

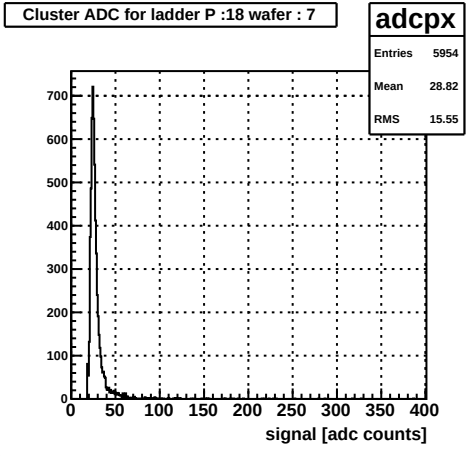

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 3364
Mean 31.74
RMS 31.47
signal [adc counts]

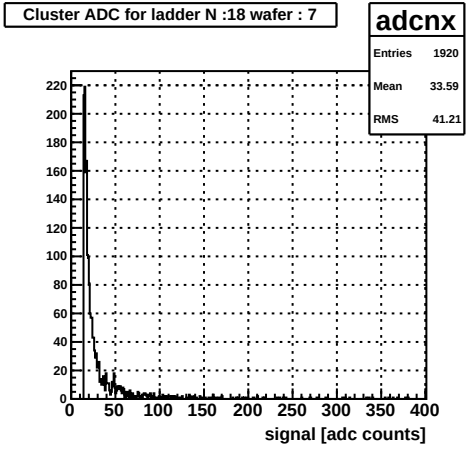

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 1656
Mean 34.27
RMS 39.48
signal [adc counts]

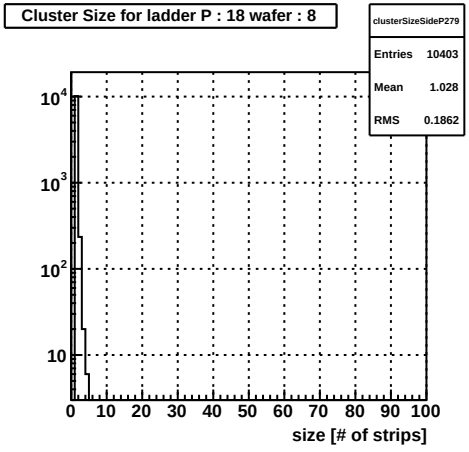

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 5954
Mean 1.037
RMS 0.2108
size [# of strips]

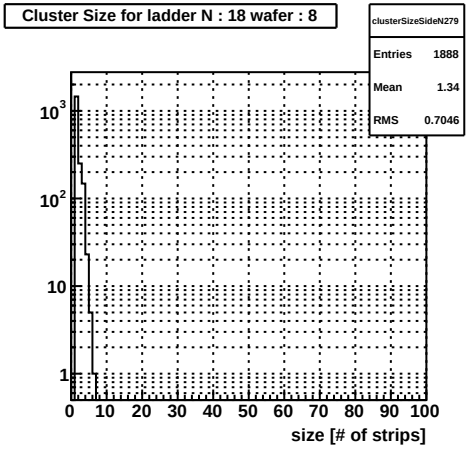

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 1920
Mean 1.16
RMS 0.4769
size [# of strips]

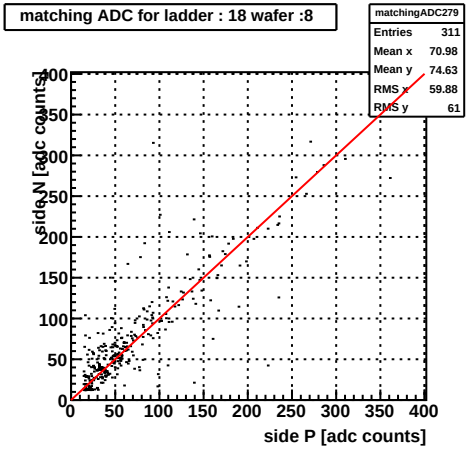

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 141
Mean x 70.16
Mean y 78.38
RMS x 65.17
RMS y 67.58
side N [adc counts]
side P [adc counts]

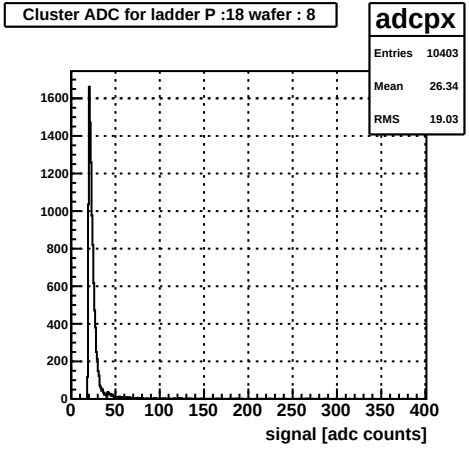

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 5954
Mean 28.82
RMS 15.55
signal [adc counts]

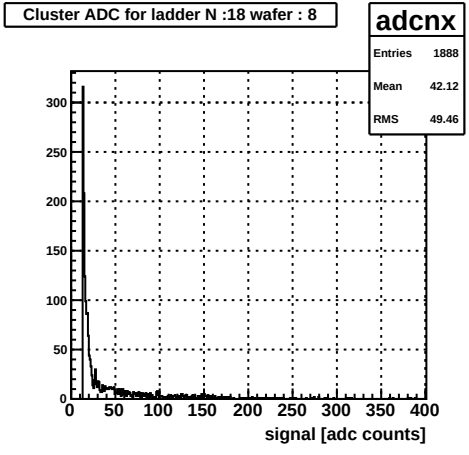

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 1920
Mean 33.59
RMS 41.21
signal [adc counts]

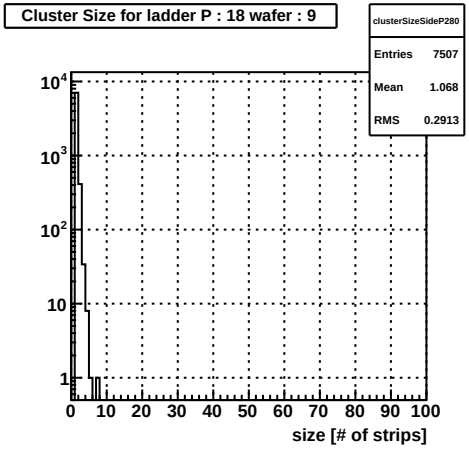

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 10403
Mean 1.028
RMS 0.1862
size [# of strips]

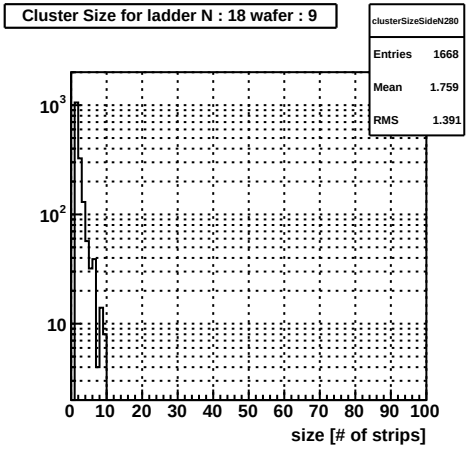

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 1888
Mean 1.34
RMS 0.7046
size [# of strips]

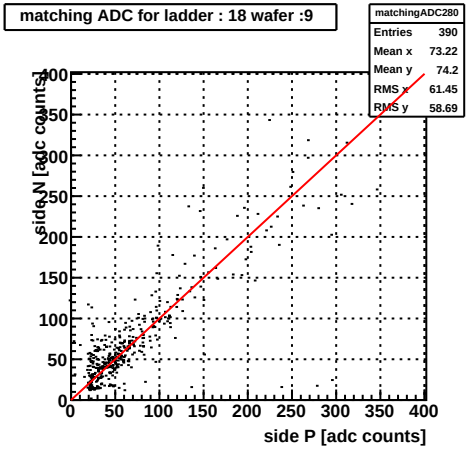

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 311
Mean x 70.98
Mean y 74.63
RMS x 59.88
RMS y 61
side N [adc counts]
side P [adc counts]

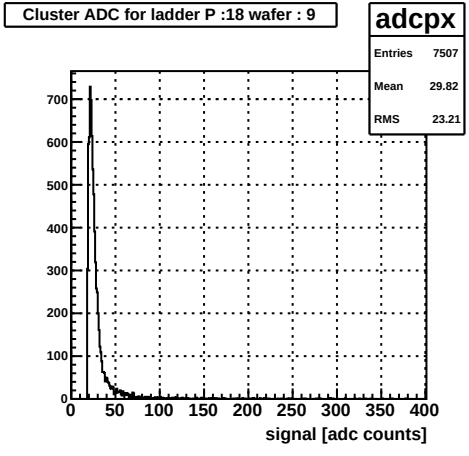

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 10403
Mean 26.34
RMS 19.03
signal [adc counts]

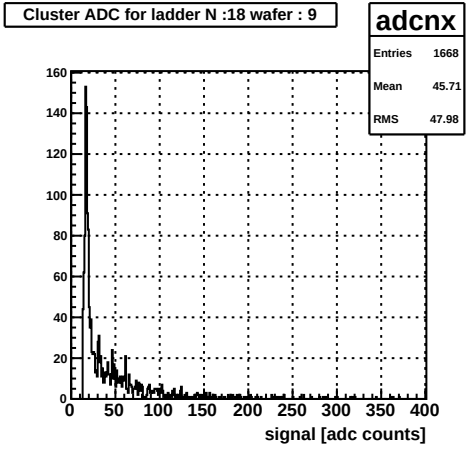

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 1888
Mean 42.12
RMS 49.46
signal [adc counts]

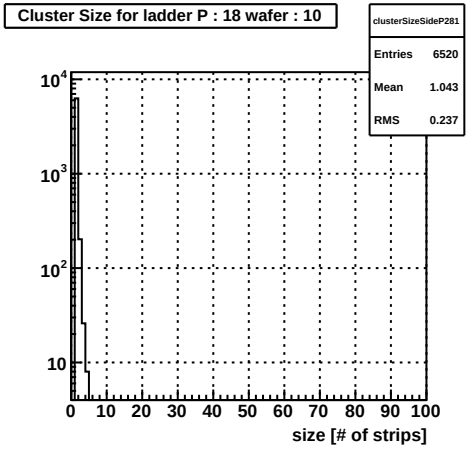

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 7507
Mean 1.068
RMS 0.2913
size [# of strips]

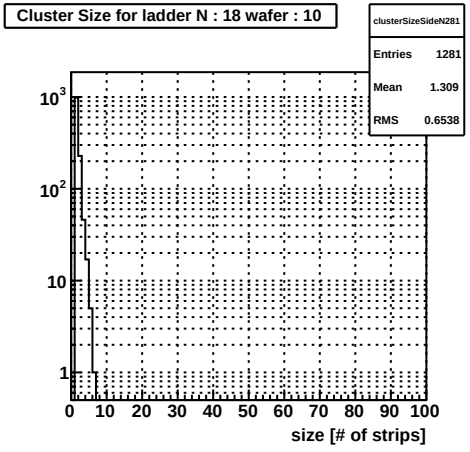

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 1668
Mean 1.759
RMS 1.391
size [# of strips]

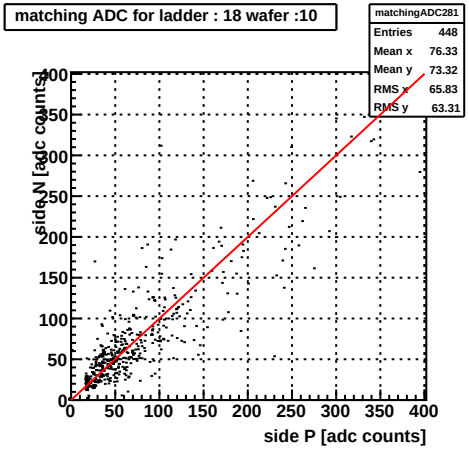

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 390
Mean x 73.22
Mean y 74.2
RMS x 61.45
RMS y 58.69
side N [adc counts]
side P [adc counts]

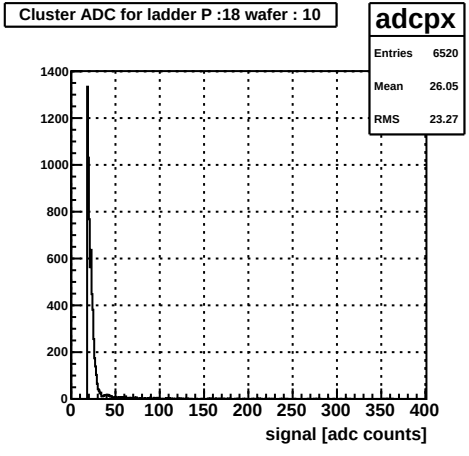

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 7507
Mean 29.82
RMS 23.21
signal [adc counts]

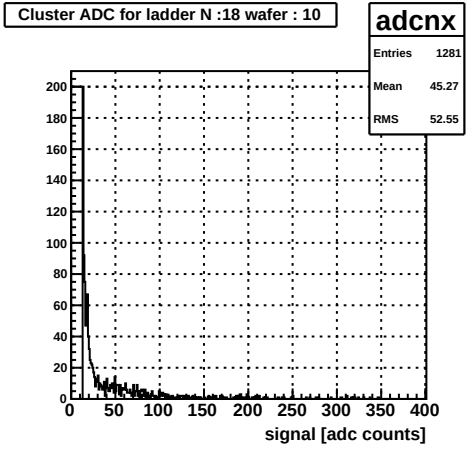

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 1668
Mean 45.71
RMS 47.98
signal [adc counts]

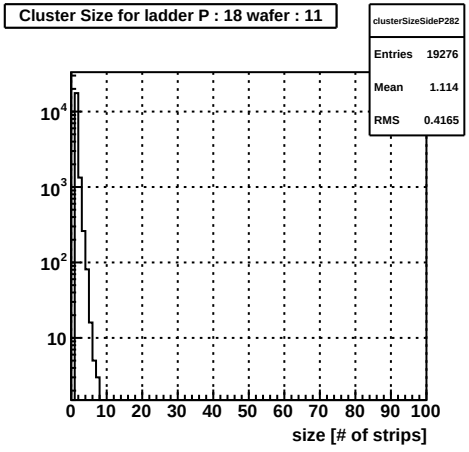

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 6520
Mean 1.043
RMS 0.237
size [# of strips]

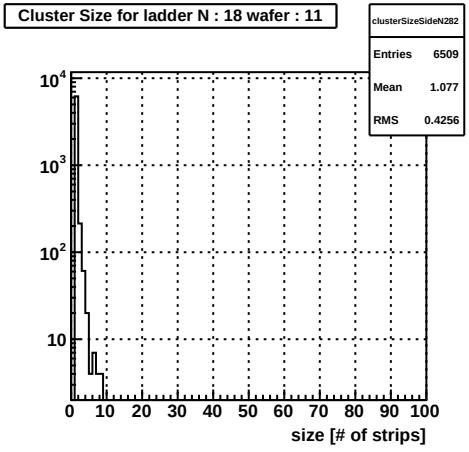

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 1281
Mean 1.309
RMS 0.6538
size [# of strips]

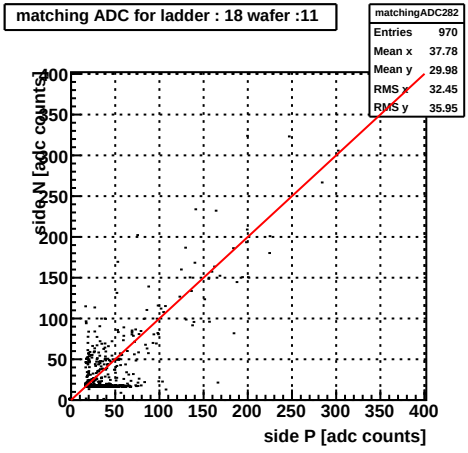

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 448
Mean x 76.33
Mean y 73.32
RMS x 65.83
RMS y 63.31
side N [adc counts]
side P [adc counts]

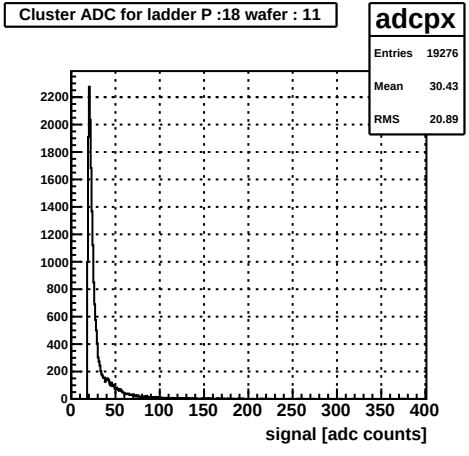

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 6520
Mean 26.05
RMS 23.27
signal [adc counts]

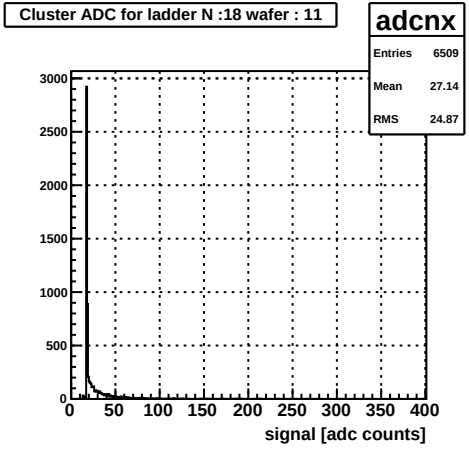

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 1281
Mean 45.27
RMS 52.55
signal [adc counts]

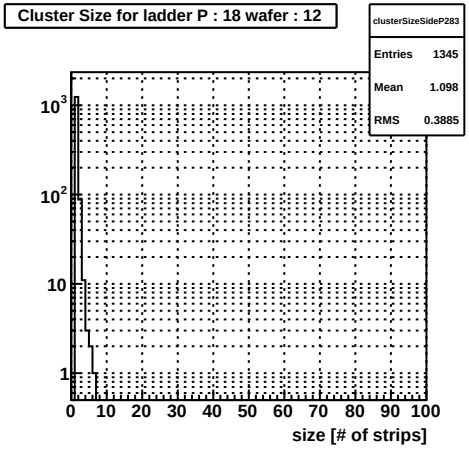

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 19276
Mean 1.114
RMS 0.4165
size [# of strips]

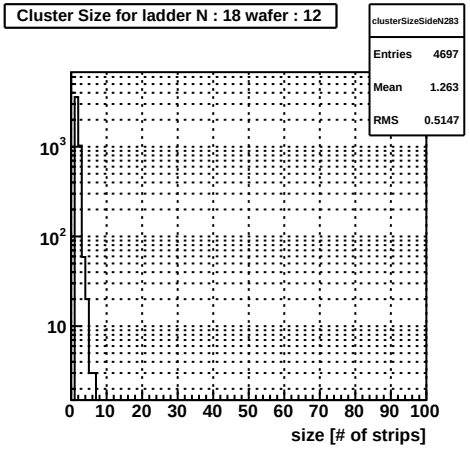

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 6509
Mean 1.077
RMS 0.4256
size [# of strips]

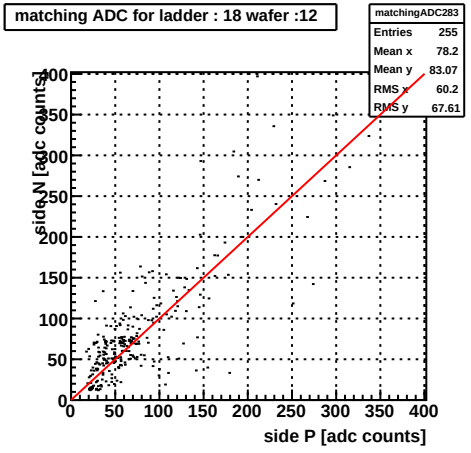

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 970
Mean x 37.78
Mean y 29.98
RMS x 32.45
RMS y 35.95
side N [adc counts]
side P [adc counts]

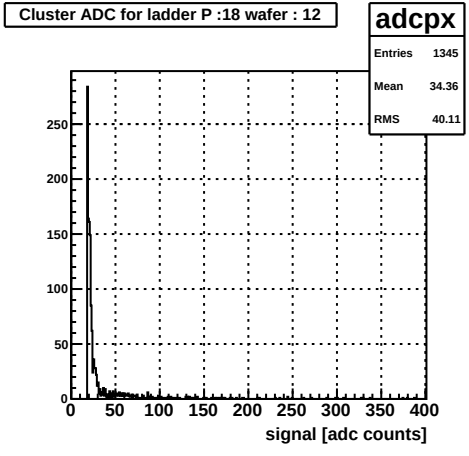

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 19276
Mean 30.43
RMS 20.89
signal [adc counts]

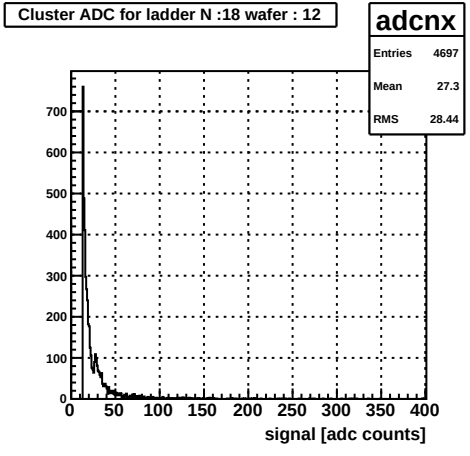

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 6509
Mean 27.14
RMS 24.87
signal [adc counts]

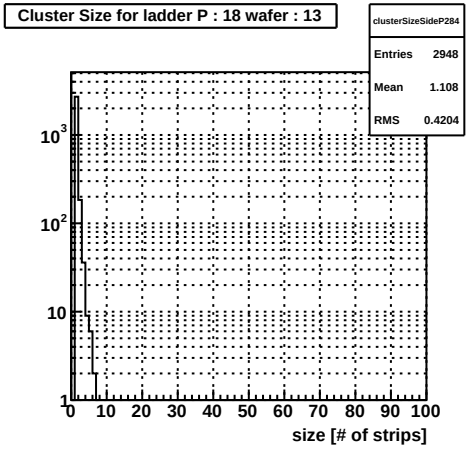

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 1345
Mean 1.098
RMS 0.3885
size [# of strips]

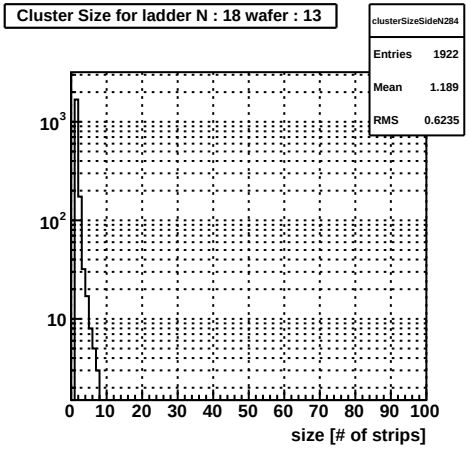

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 4697
Mean 1.263
RMS 0.5147
size [# of strips]

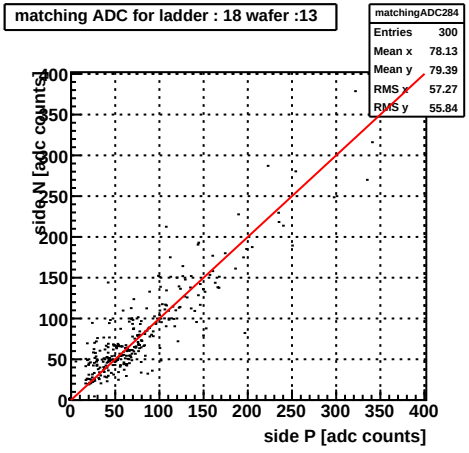

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 255
Mean x 78.2
Mean y 83.07
RMS x 60.2
RMS y 67.61
side N [adc counts]
side P [adc counts]

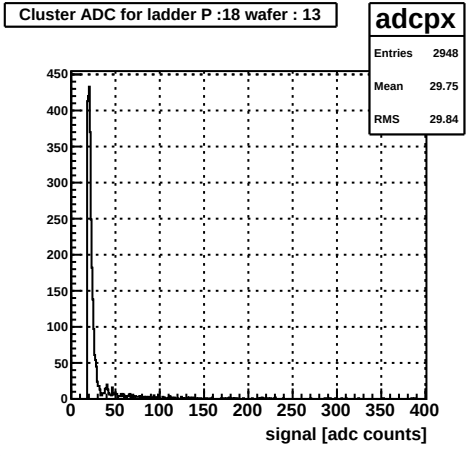

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 1345
Mean 34.36
RMS 40.11
signal [adc counts]

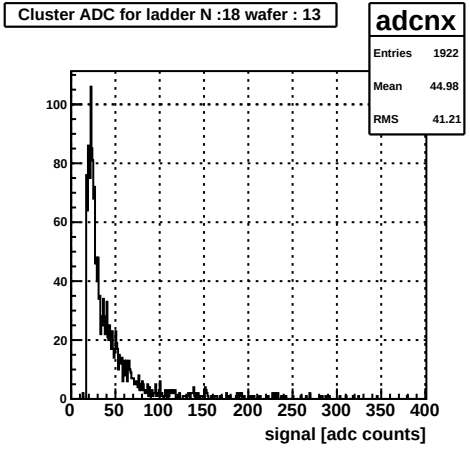

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 4697
Mean 27.3
RMS 28.44
signal [adc counts]

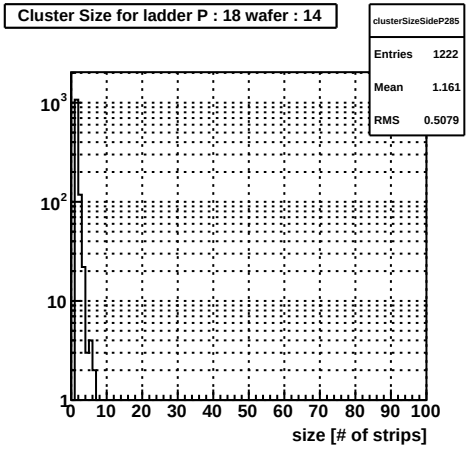

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 2948
Mean 1.108
RMS 0.4204
size [# of strips]

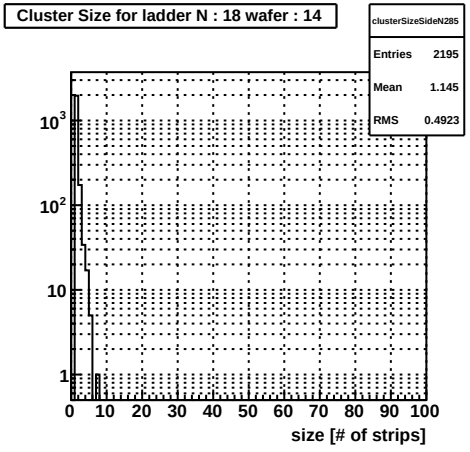

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 1922
Mean 1.189
RMS 0.6235
size [# of strips]

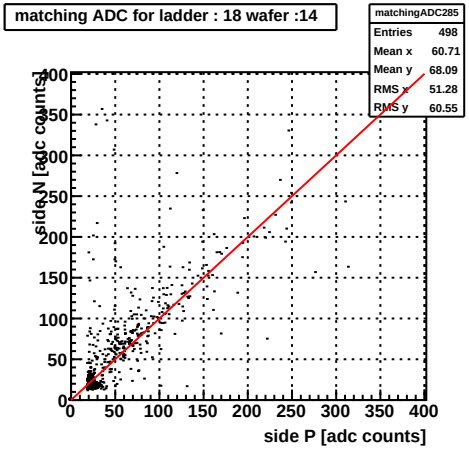

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 300
Mean x 78.13
Mean y 79.39
RMS x 57.27
RMS y 55.84
side N [adc counts]
side P [adc counts]

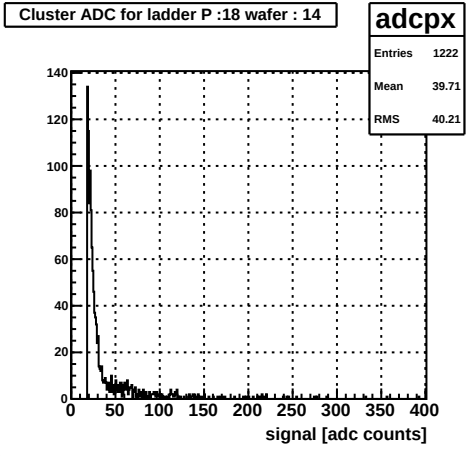

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 2948
Mean 29.75
RMS 29.84
signal [adc counts]

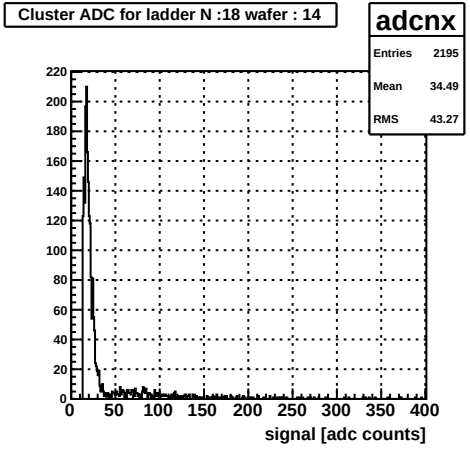

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 1922
Mean 44.98
RMS 41.21
signal [adc counts]

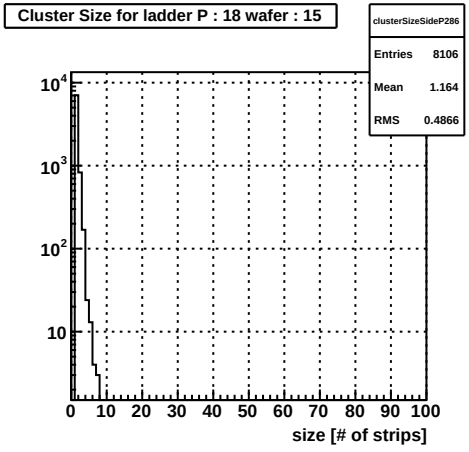

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 1222
Mean 1.161
RMS 0.5079
size [# of strips]

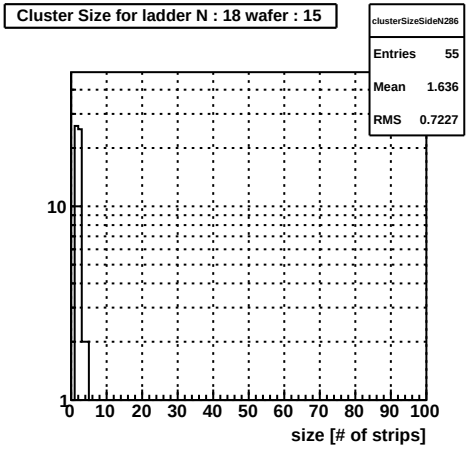

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 2195
Mean 1.145
RMS 0.4923
size [# of strips]

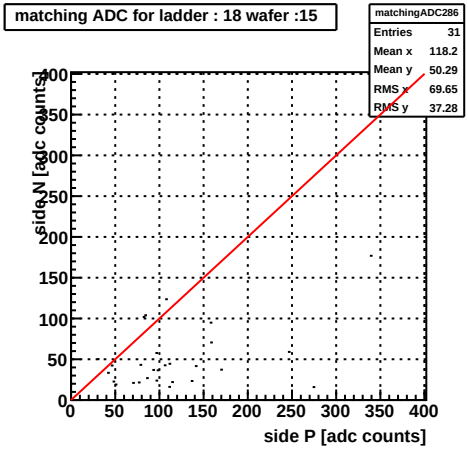

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 498
Mean x 60.71
Mean y 68.09
RMS x 51.28
RMS y 60.55
side N [adc counts]
side P [adc counts]

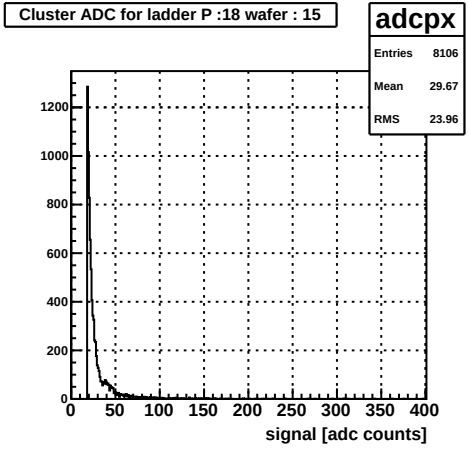

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 1222
Mean 39.71
RMS 40.21
signal [adc counts]

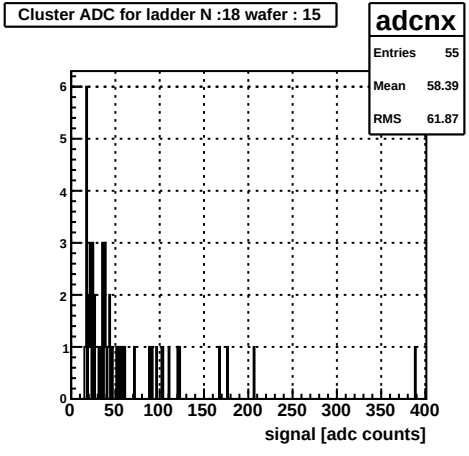

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 2195
Mean 34.49
RMS 43.27
signal [adc counts]

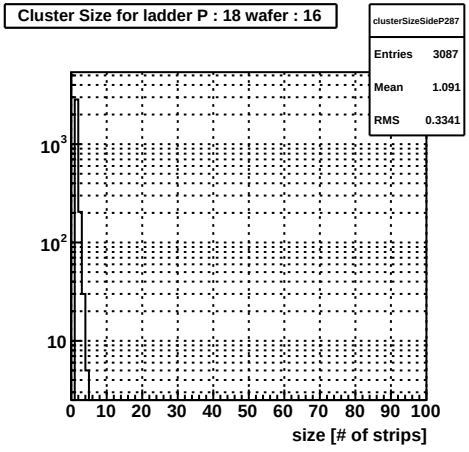

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 8106
Mean 1.164
RMS 0.4866
size [# of strips]

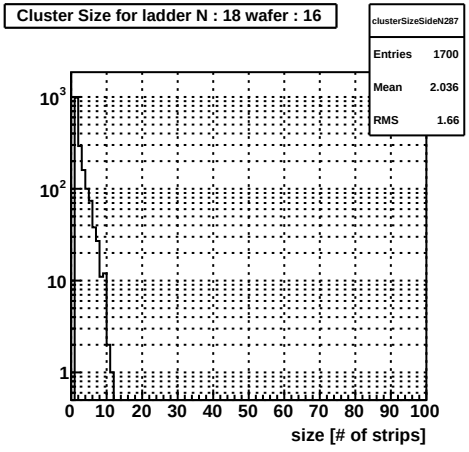

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 55
Mean 1.636
RMS 0.7227
size [# of strips]

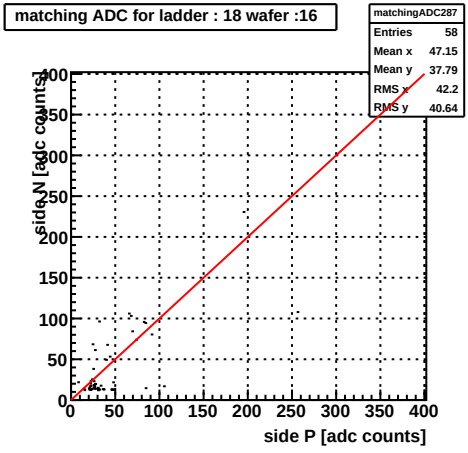

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 31
Mean x 118.2
Mean y 50.29
RMS x 69.65
RMS y 37.28
side N [adc counts]
side P [adc counts]

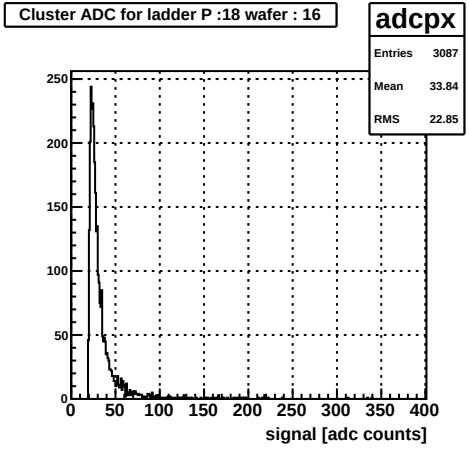

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 8106
Mean 29.67
RMS 23.96
signal [adc counts]

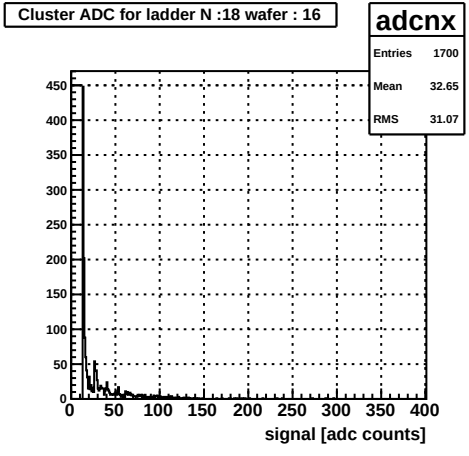

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 55
Mean 58.39
RMS 61.87
signal [adc counts]

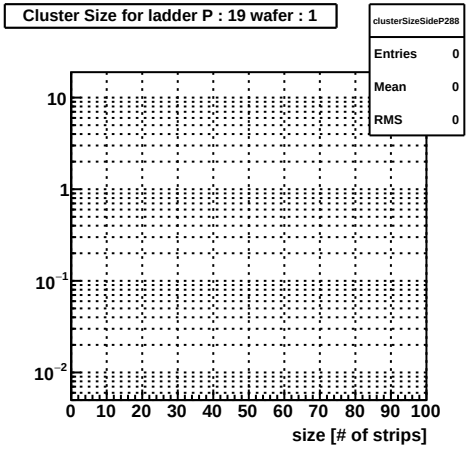

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 3087
Mean 1.091
RMS 0.3341
size [# of strips]

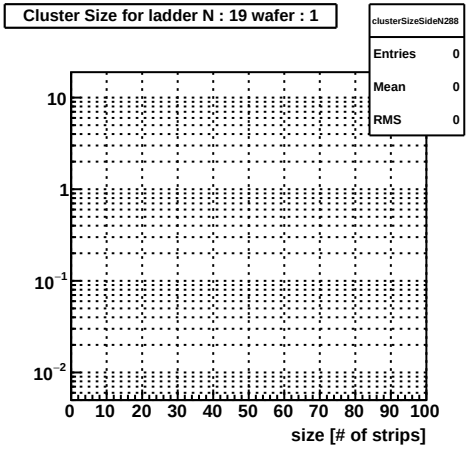

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 1700
Mean 2.036
RMS 1.66
size [# of strips]

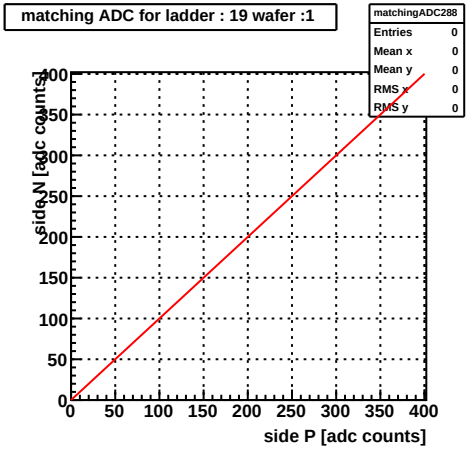

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 58
Mean x 47.15
Mean y 37.79
RMS x 42.2
RMS y 40.64
side N [adc counts]
side P [adc counts]

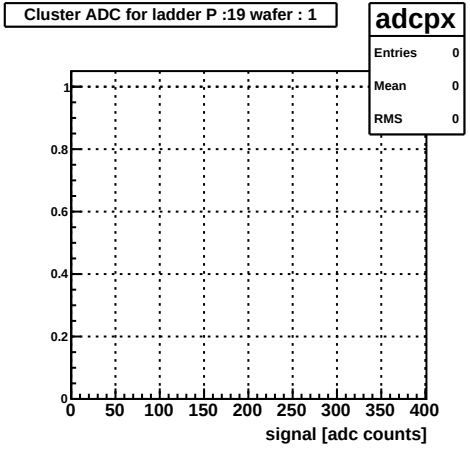

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 3087
Mean 33.84
RMS 22.85
signal [adc counts]

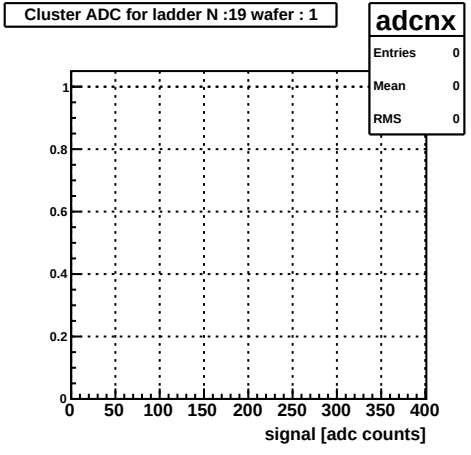

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 1700
Mean 32.65
RMS 31.07
signal [adc counts]

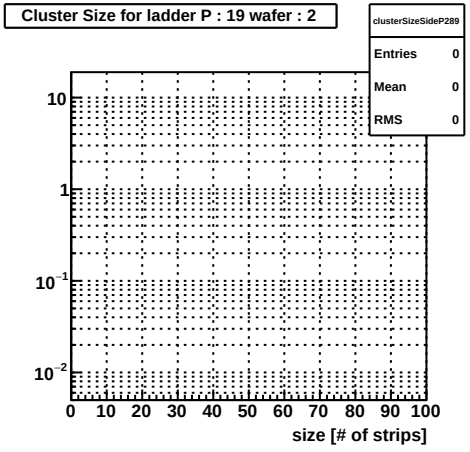

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

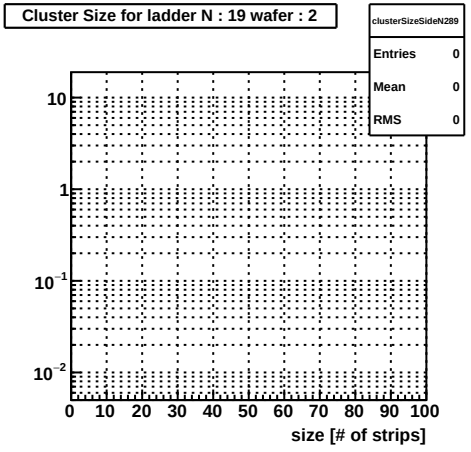

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

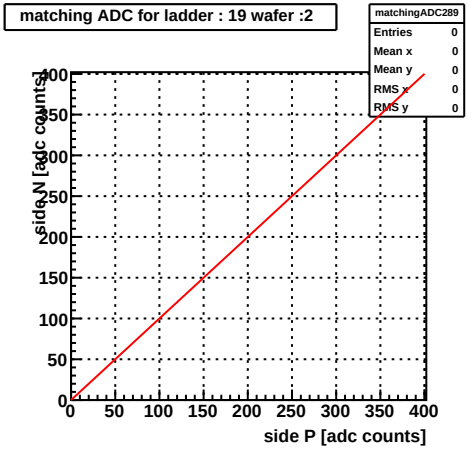

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

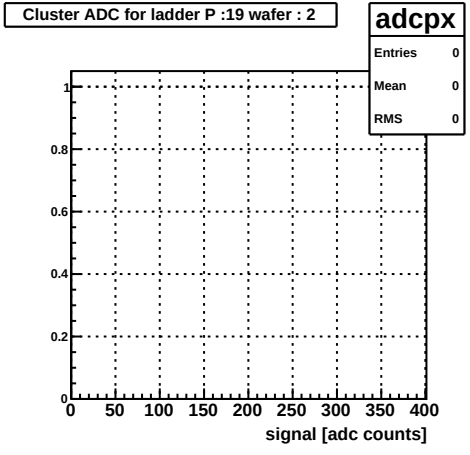

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

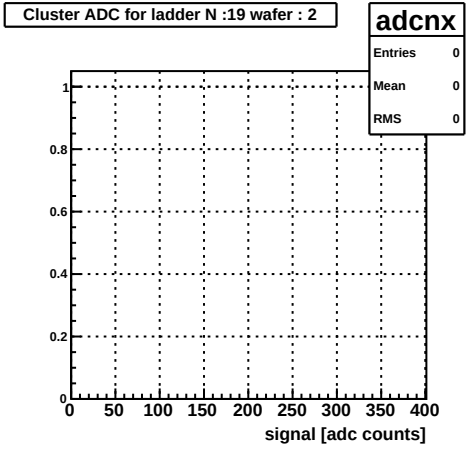

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

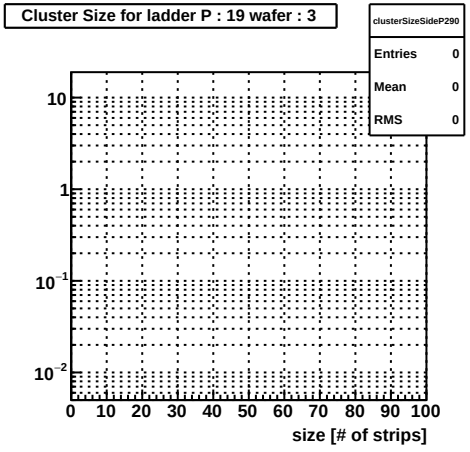

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

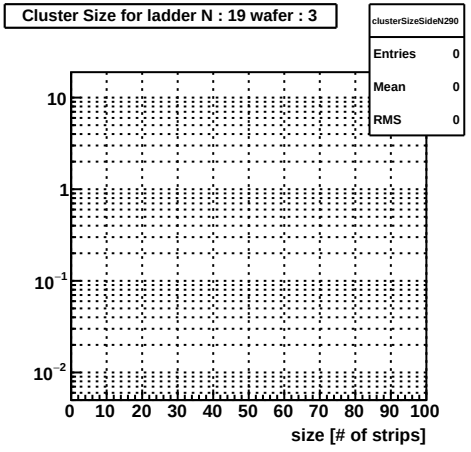

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

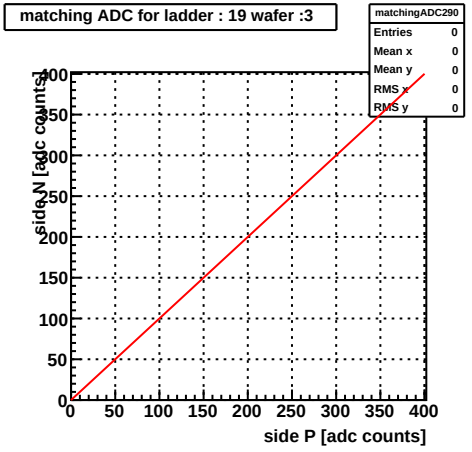

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

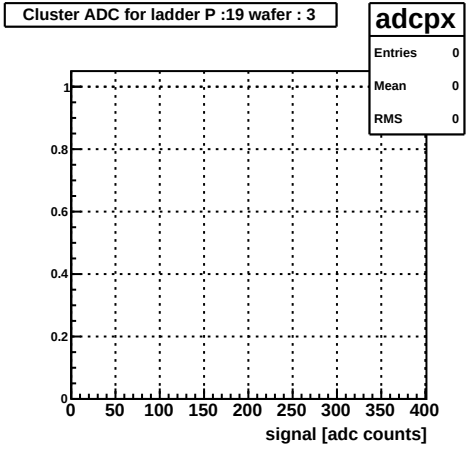

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

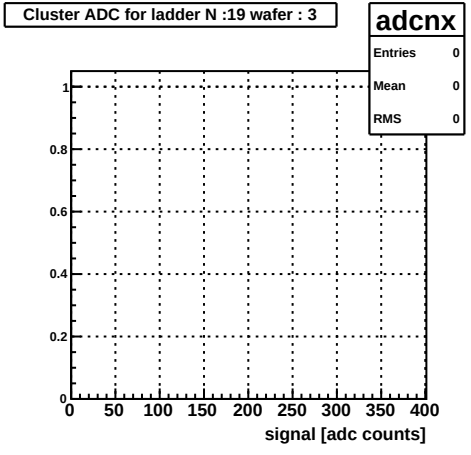

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

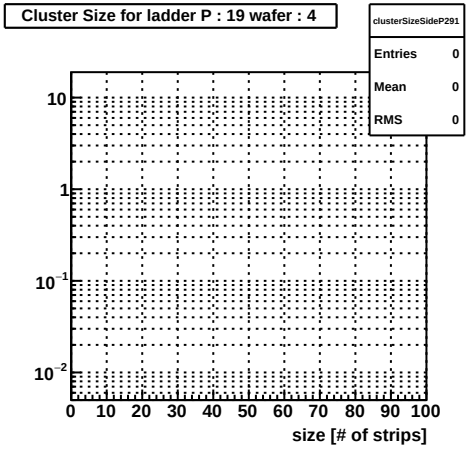

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

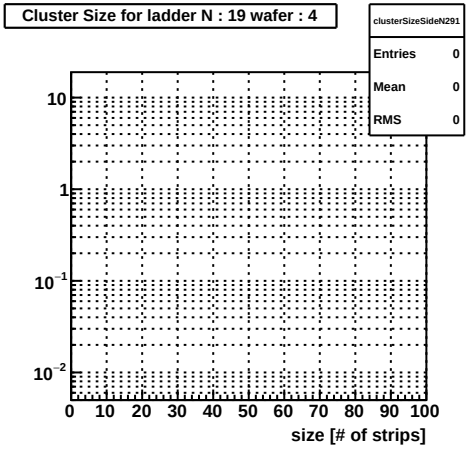

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

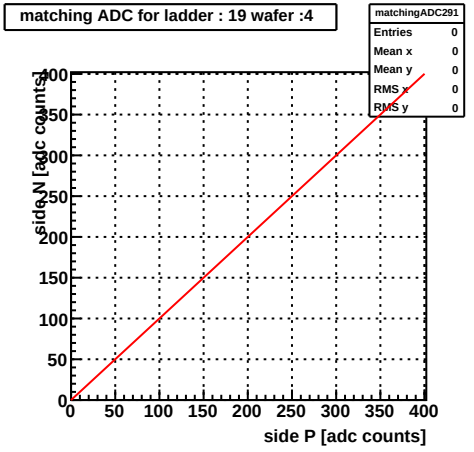

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

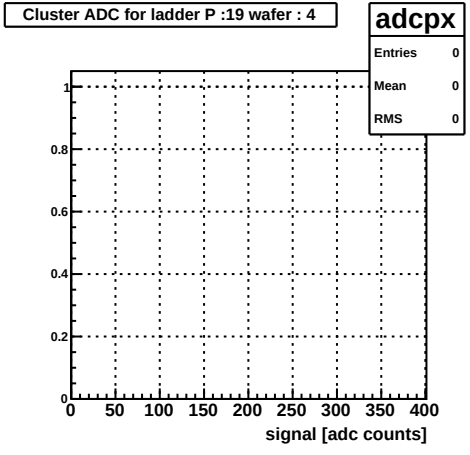

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

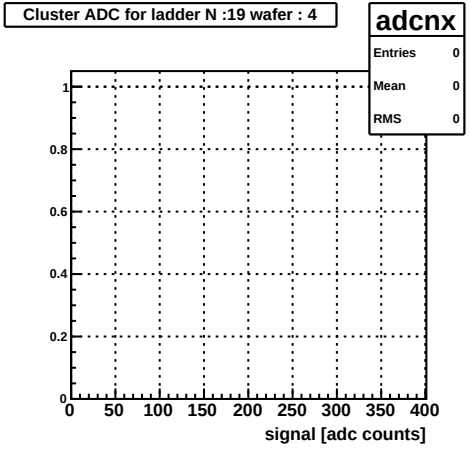

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

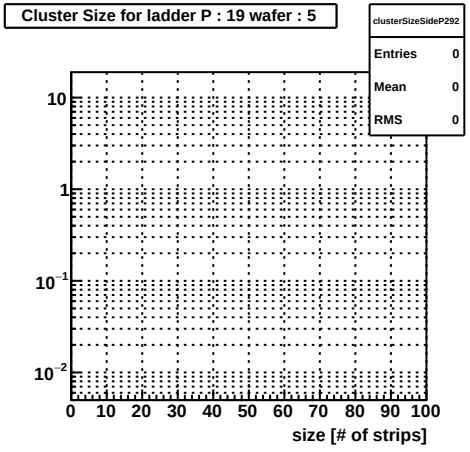

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

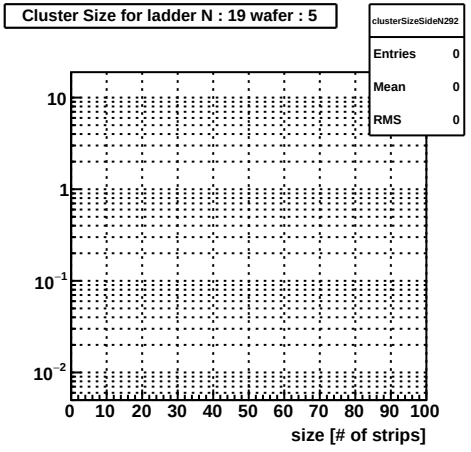

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

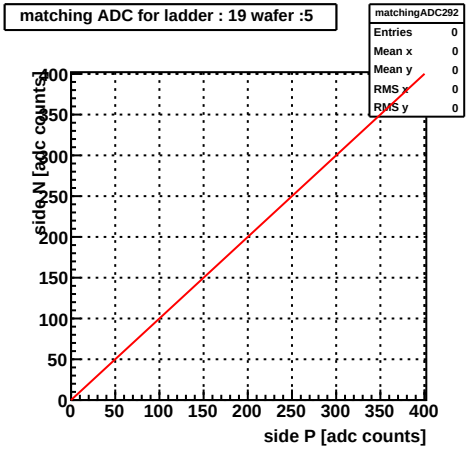

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

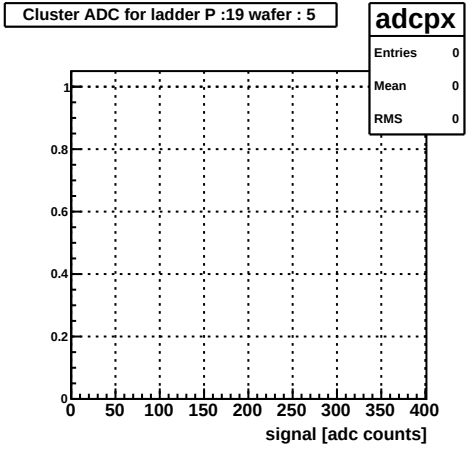

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

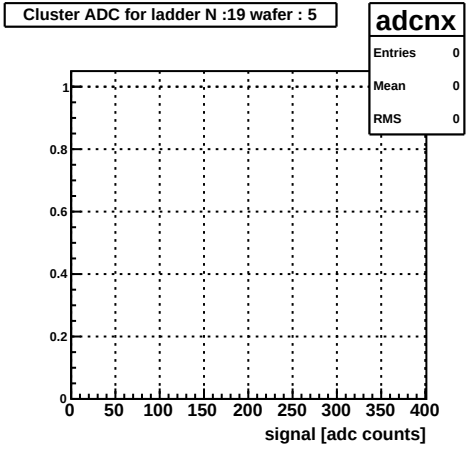

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

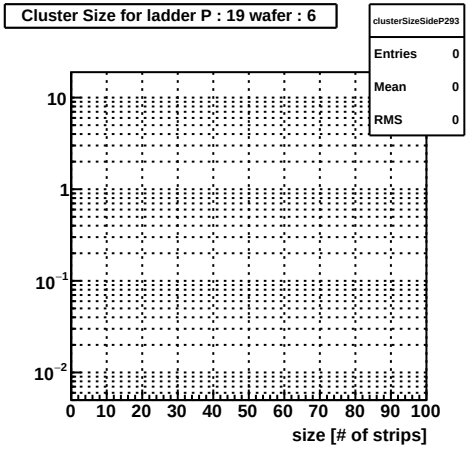

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

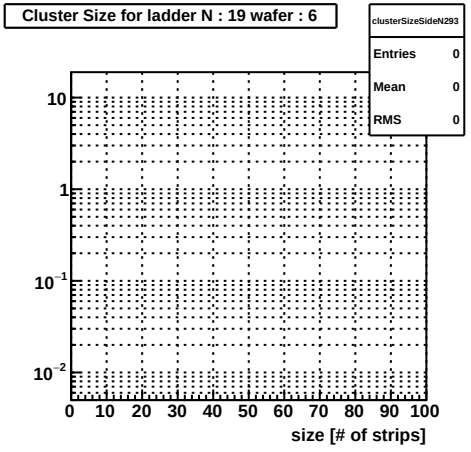

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

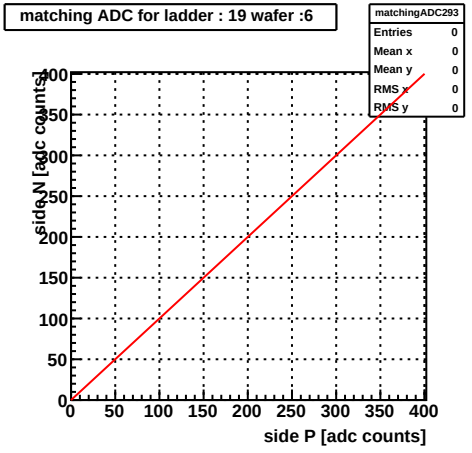

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

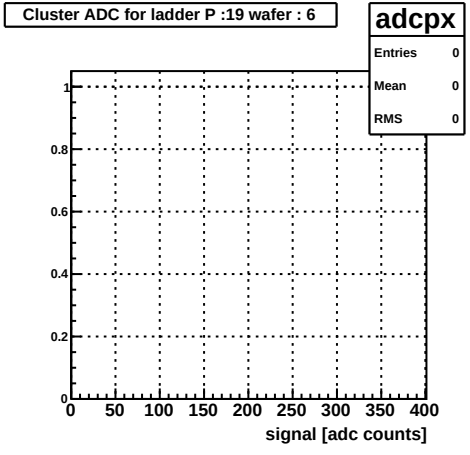

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

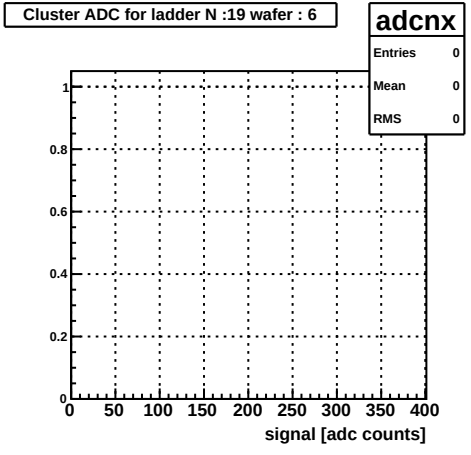

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

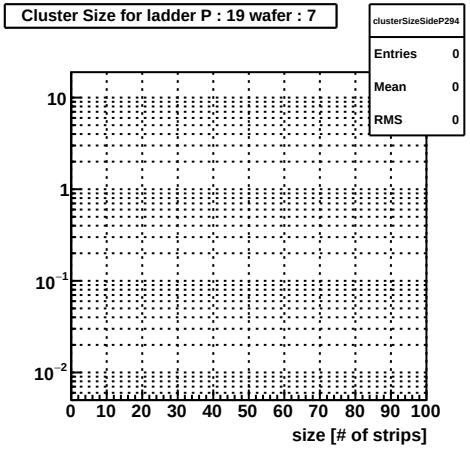

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

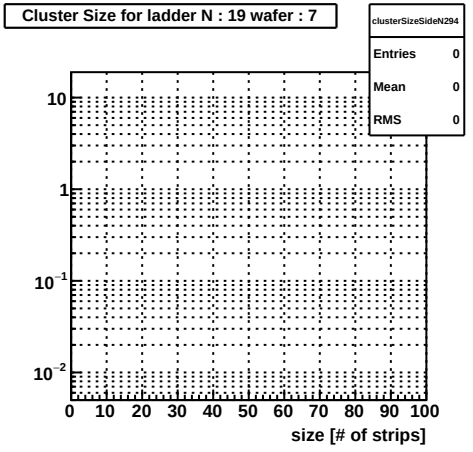

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

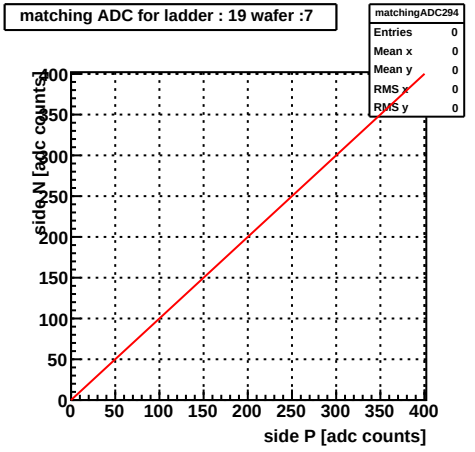

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

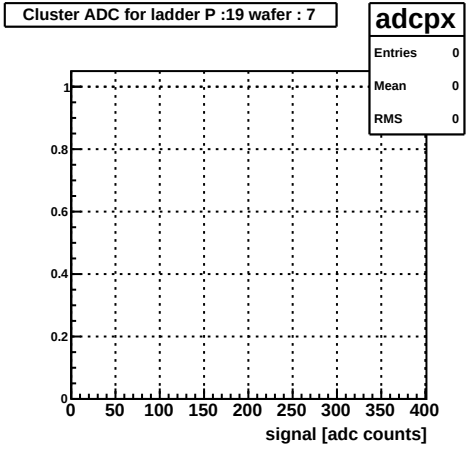

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

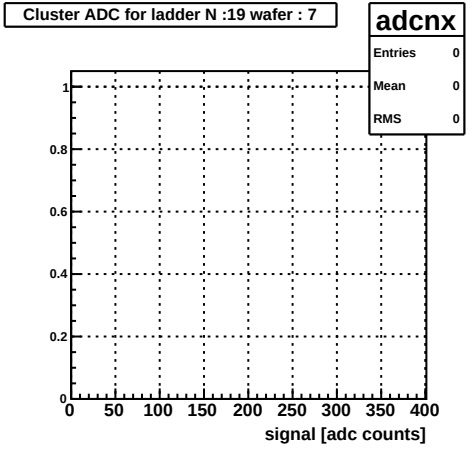

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

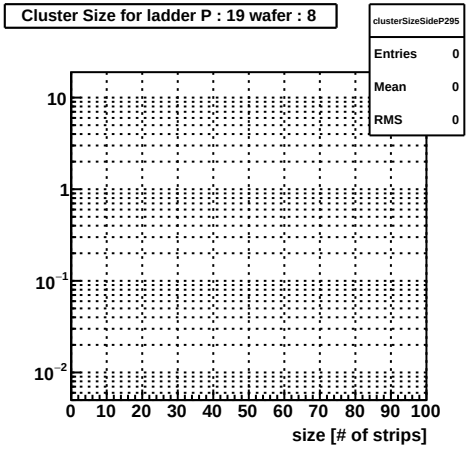

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

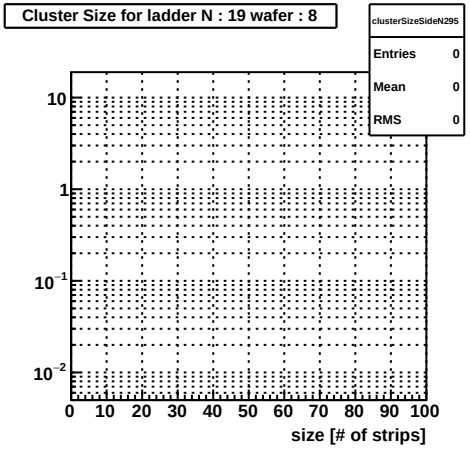

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

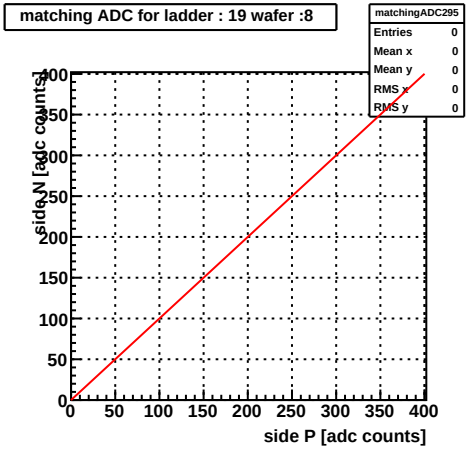

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

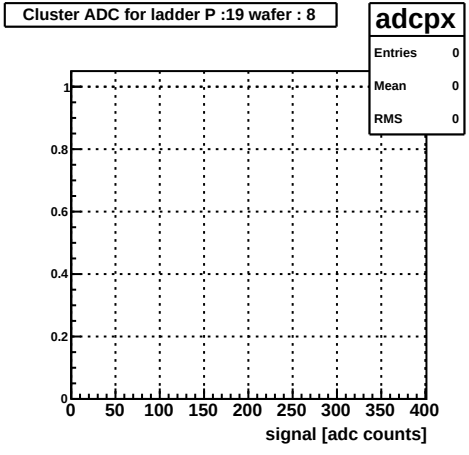

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

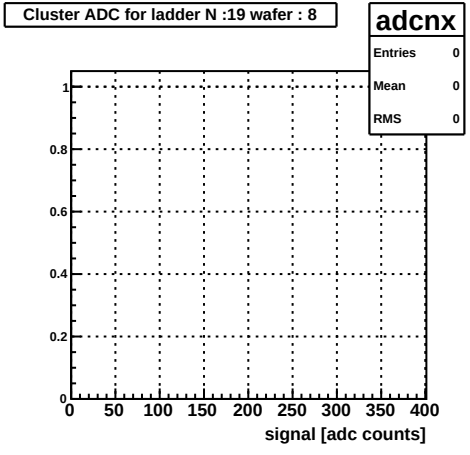

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

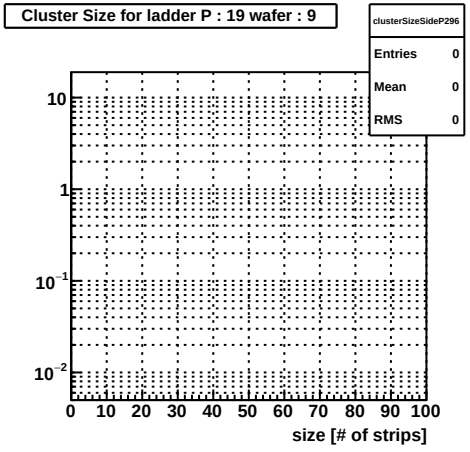

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

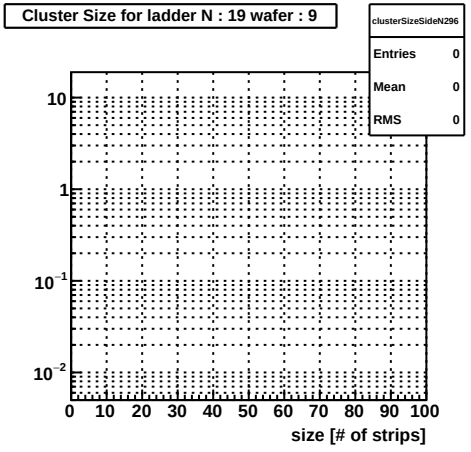

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

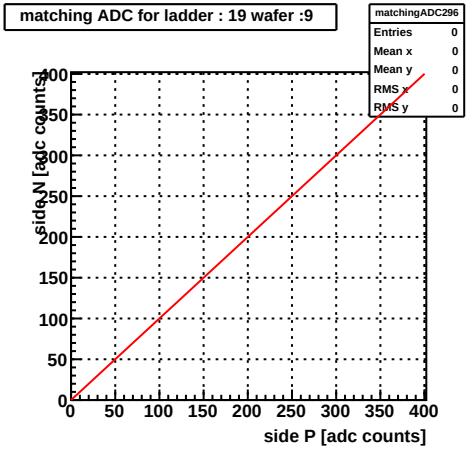

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

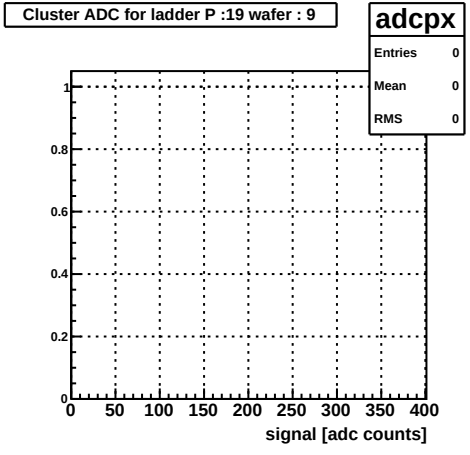

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

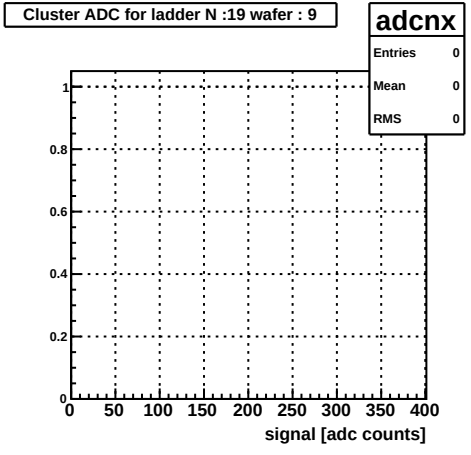

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

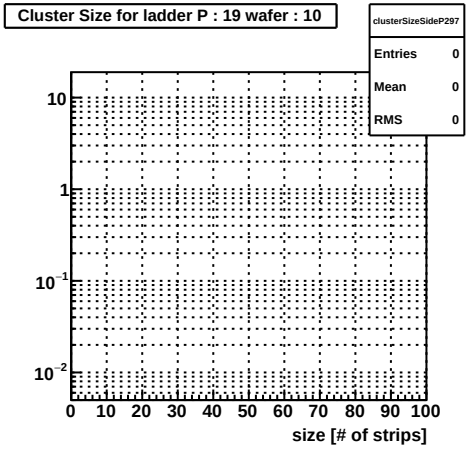

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

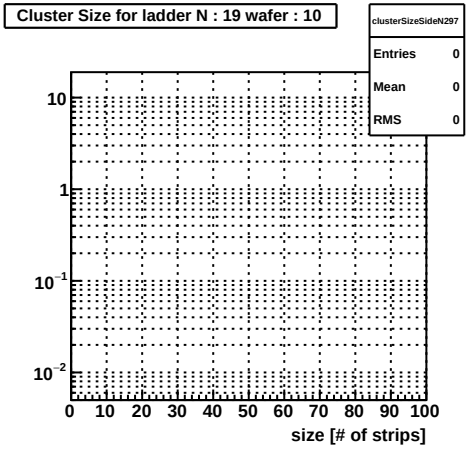

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

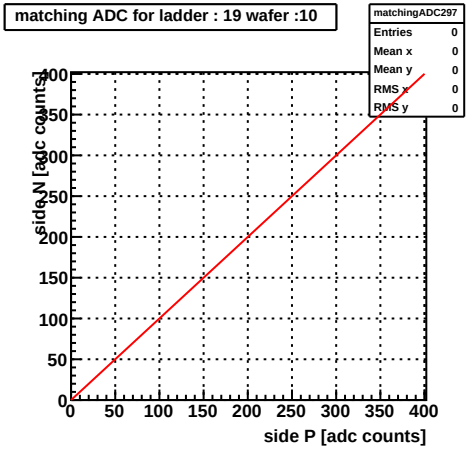

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

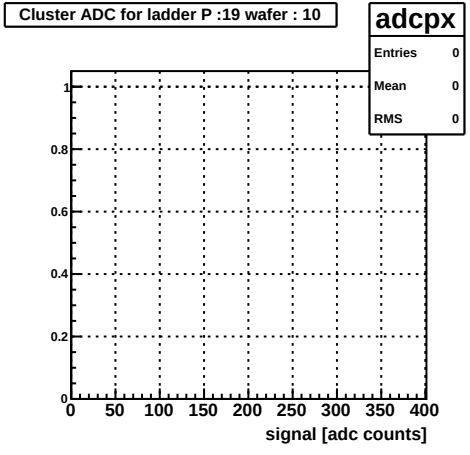

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

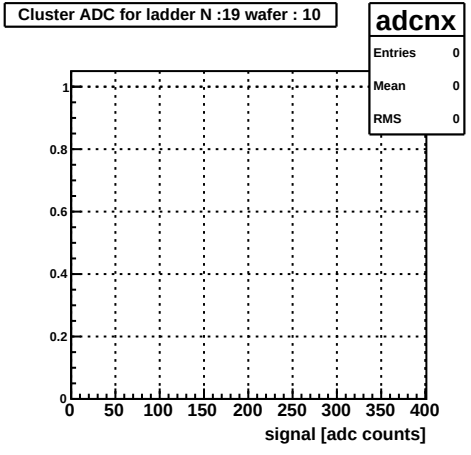

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

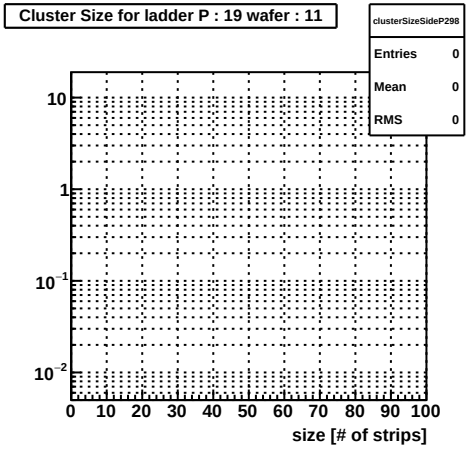

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

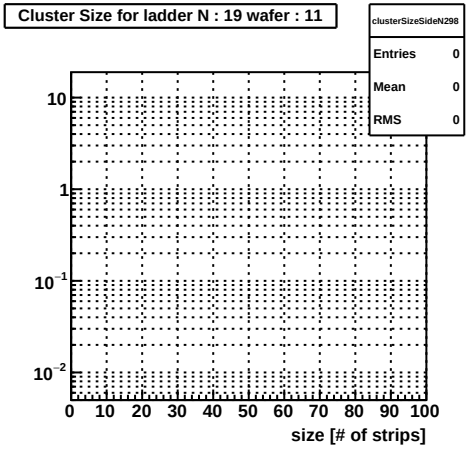

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

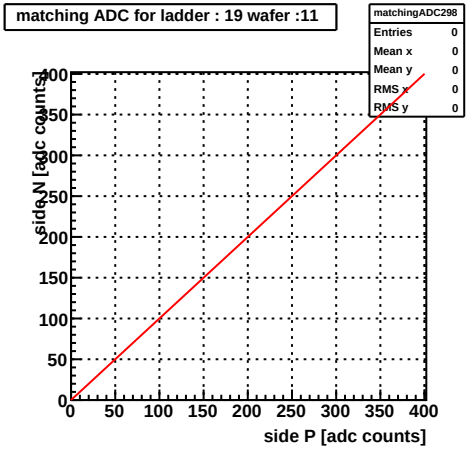

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

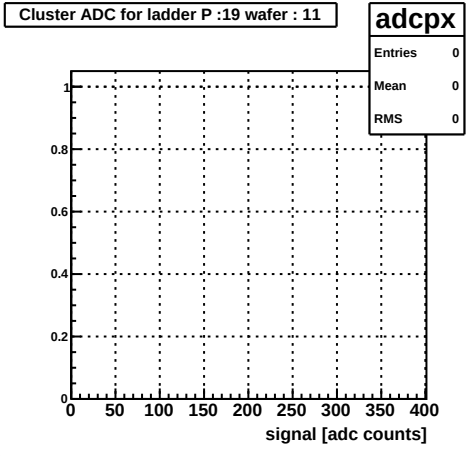

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

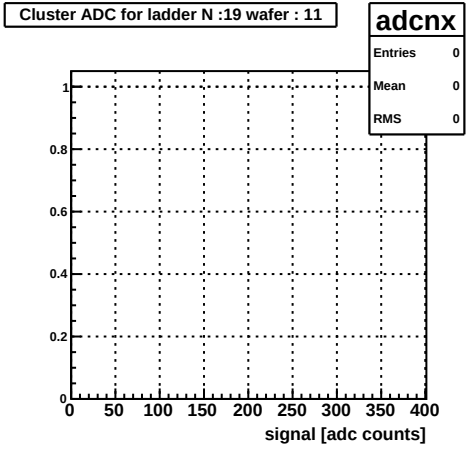

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

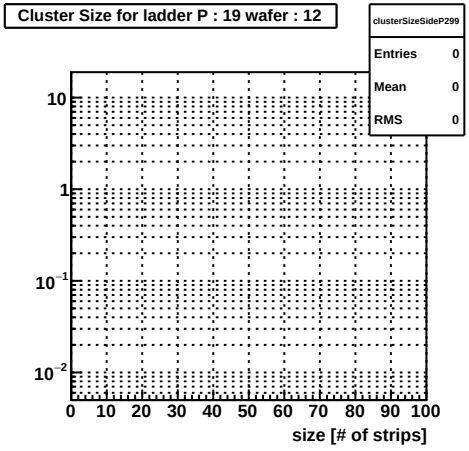

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

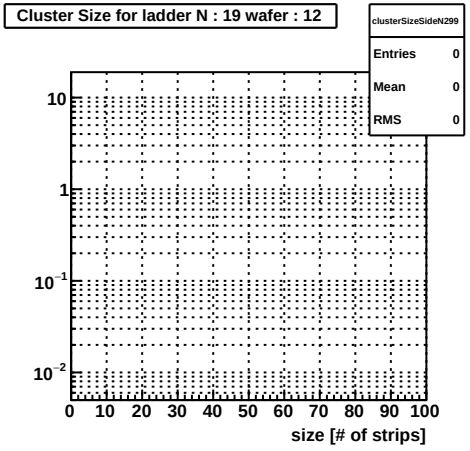

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

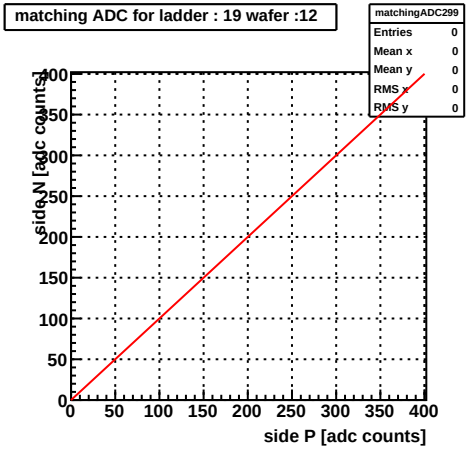

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

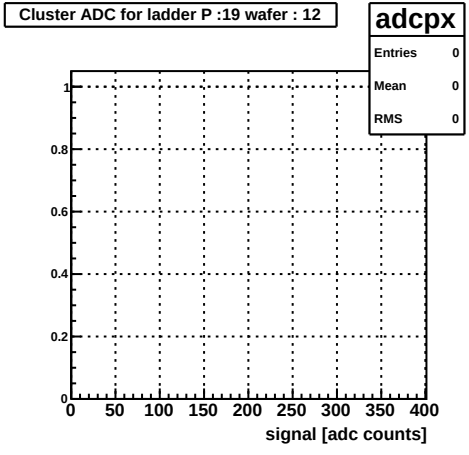

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

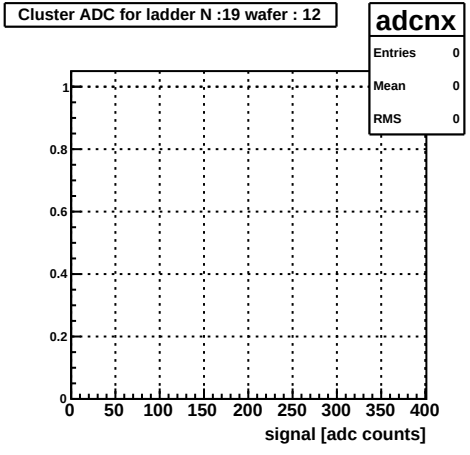

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

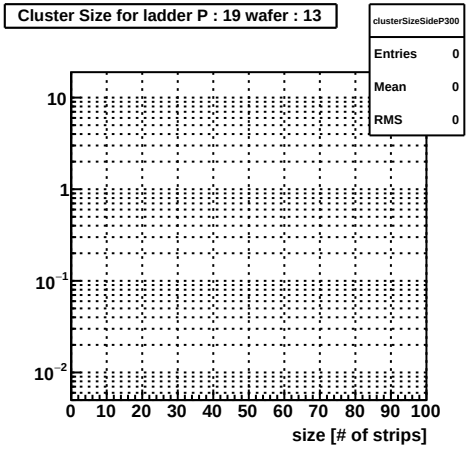

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

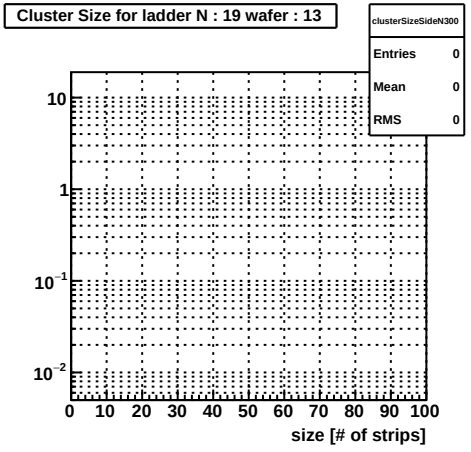

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

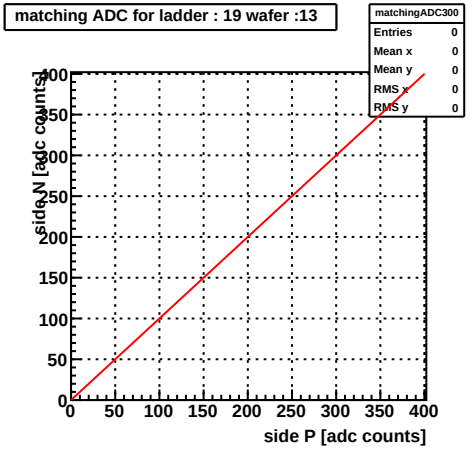

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

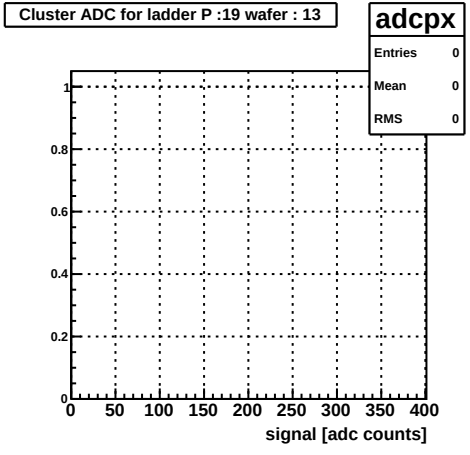

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

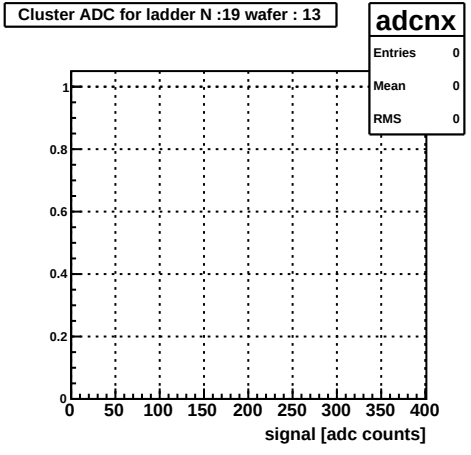

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

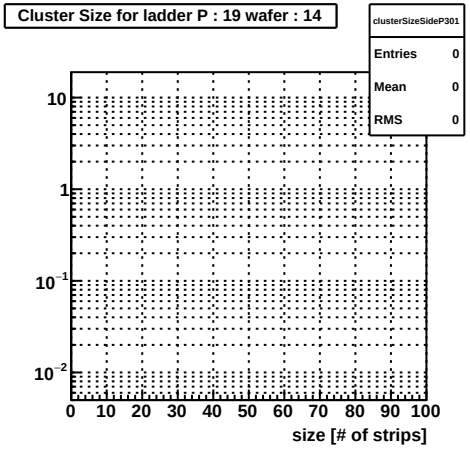

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

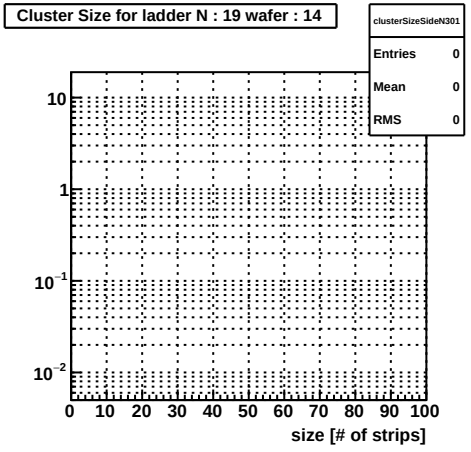

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

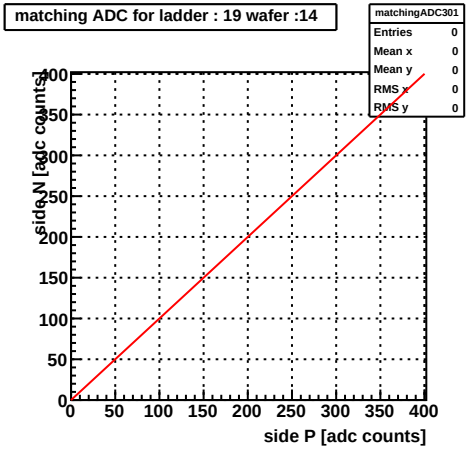

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

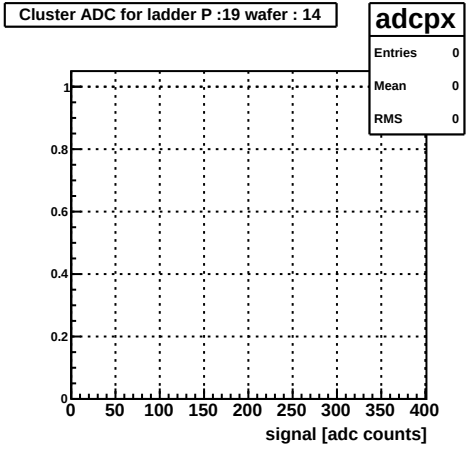

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

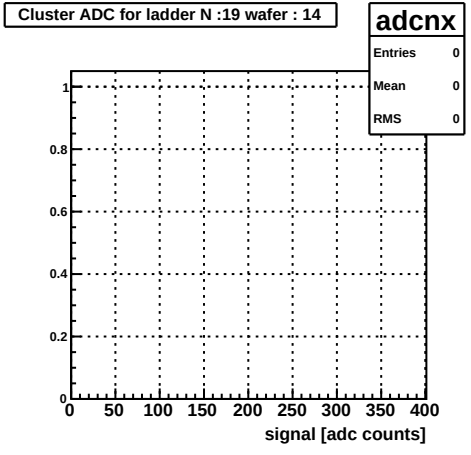

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

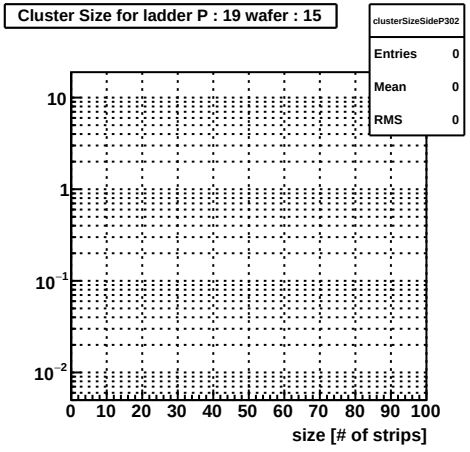

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

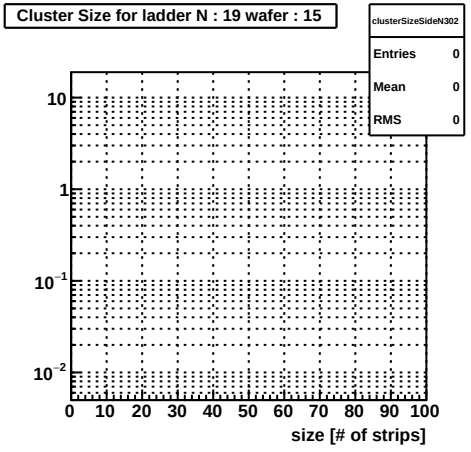

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

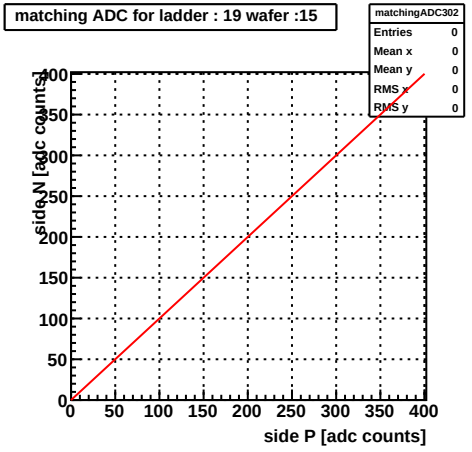

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

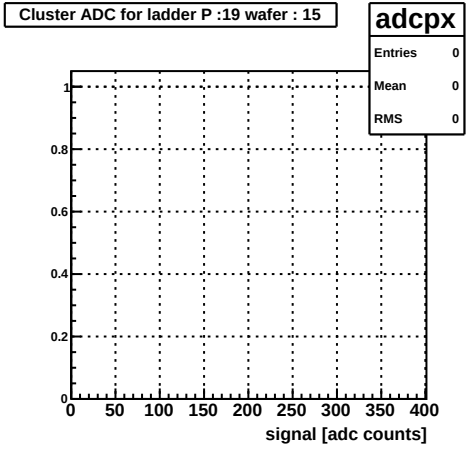

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

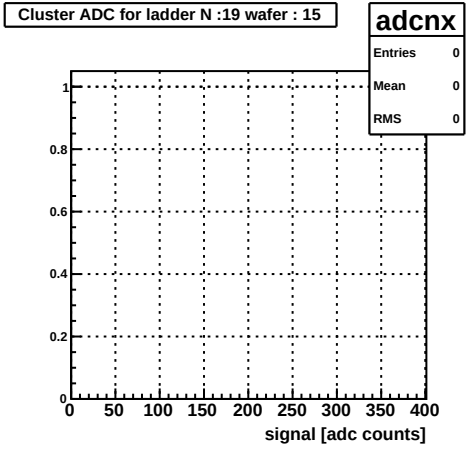

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

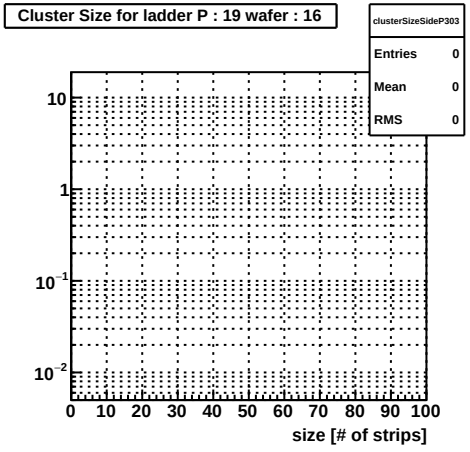

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

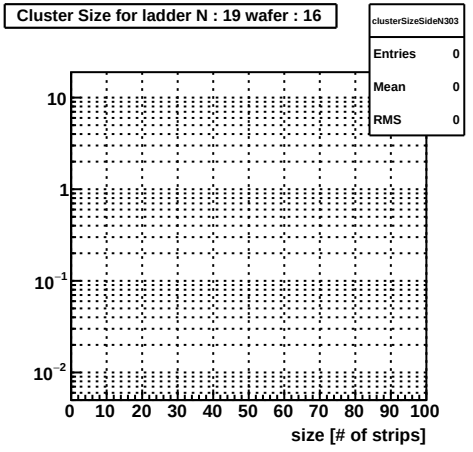

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

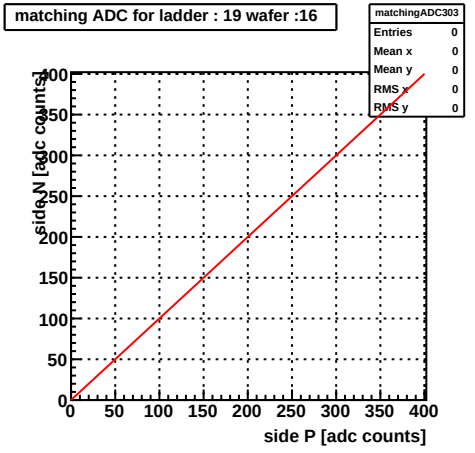

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

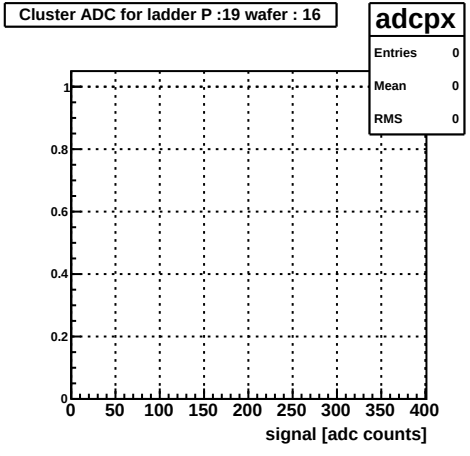

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

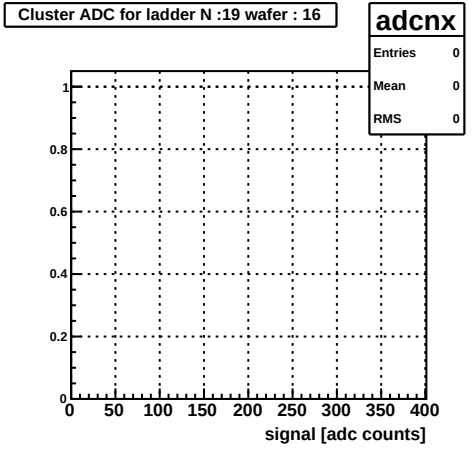

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

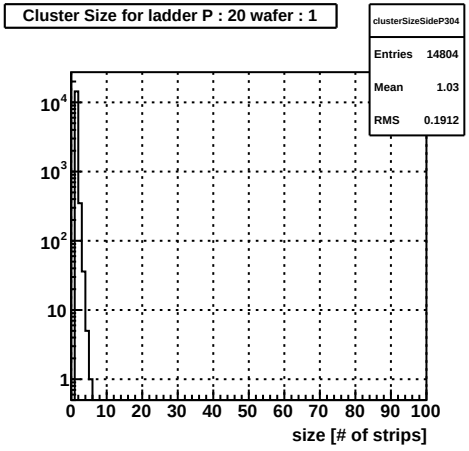

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

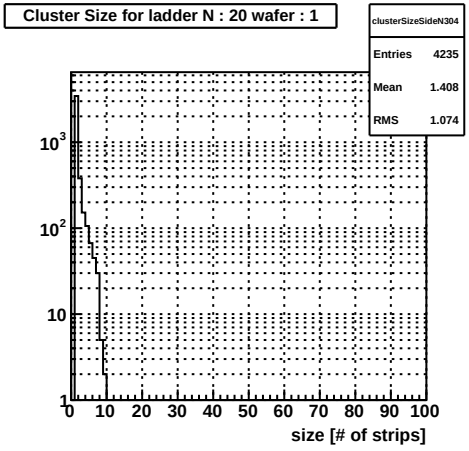

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

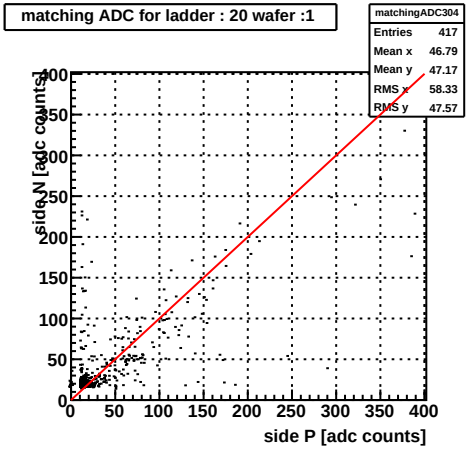

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

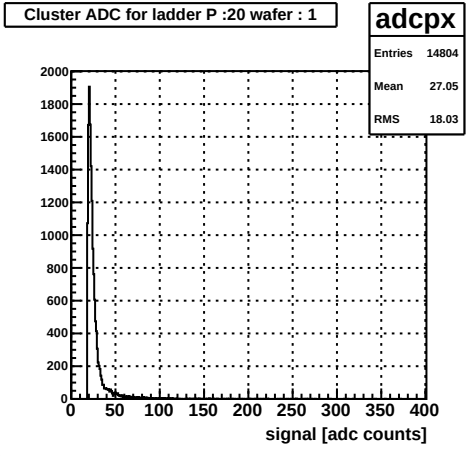

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

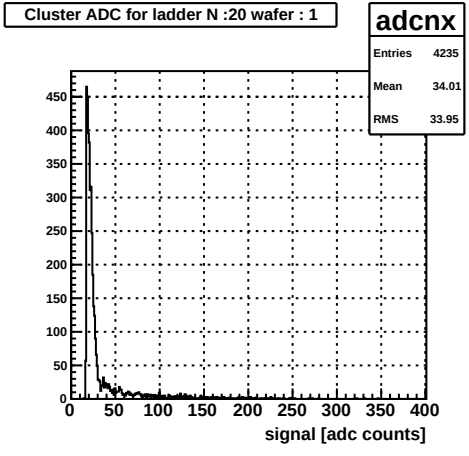

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

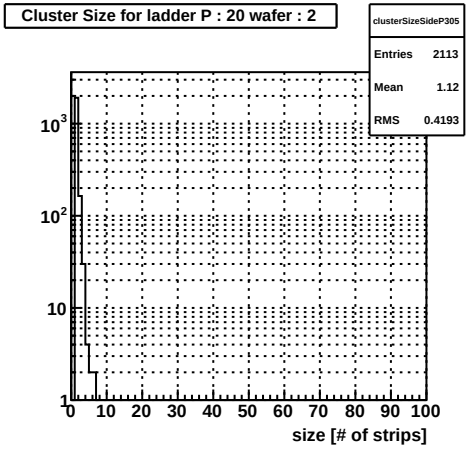

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 14804
Mean 1.03
RMS 0.1912
size [# of strips]

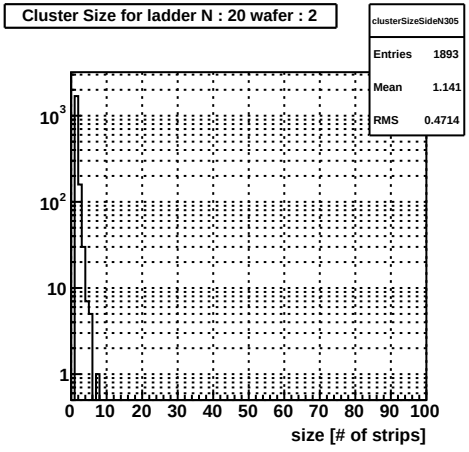

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 4235
Mean 1.408
RMS 1.074
size [# of strips]

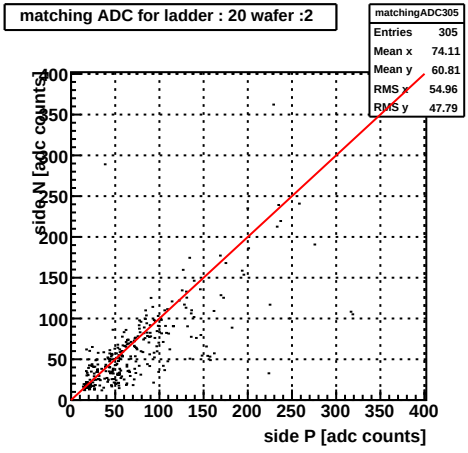

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 417
Mean x 46.79
Mean y 47.17
RMS x 58.33
RMS y 47.57
side N [adc counts]
side P [adc counts]

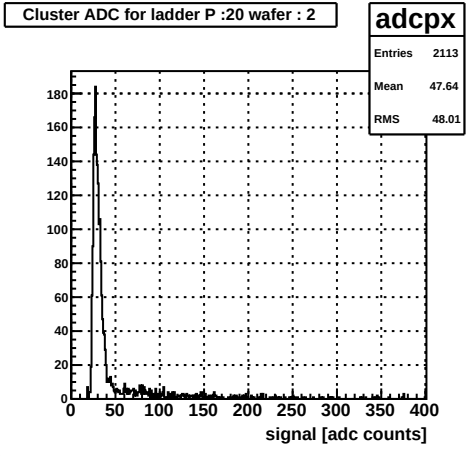

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 14804
Mean 27.05
RMS 18.03
signal [adc counts]

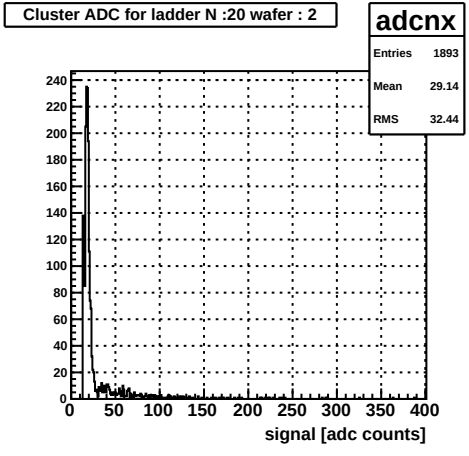

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 4235
Mean 34.01
RMS 33.95
signal [adc counts]

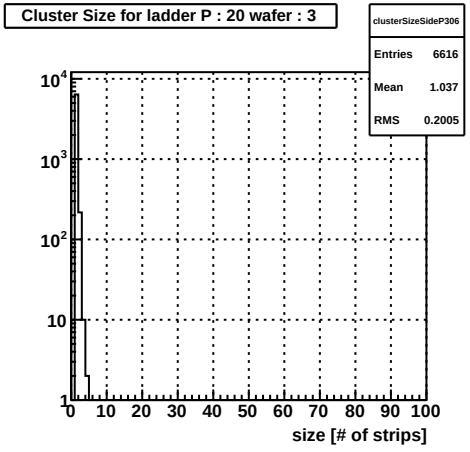

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2113
Mean 1.12
RMS 0.4193
size [# of strips]

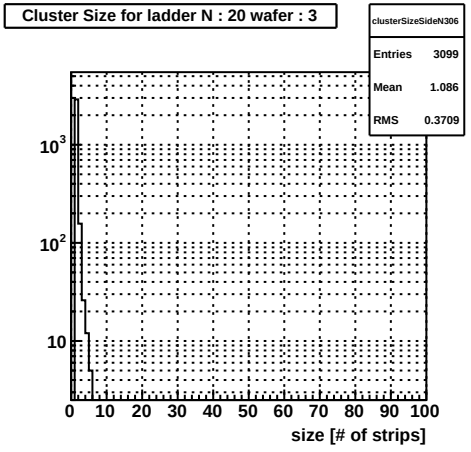

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 1893
Mean 1.141
RMS 0.4714
size [# of strips]

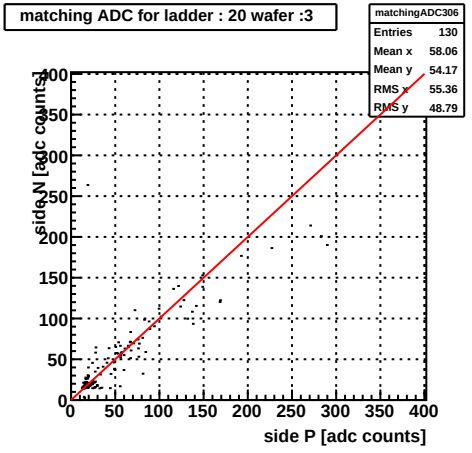

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 305
Mean x 74.11
Mean y 60.81
RMS x 54.96
RMS y 47.79
side N [adc counts]
side P [adc counts]

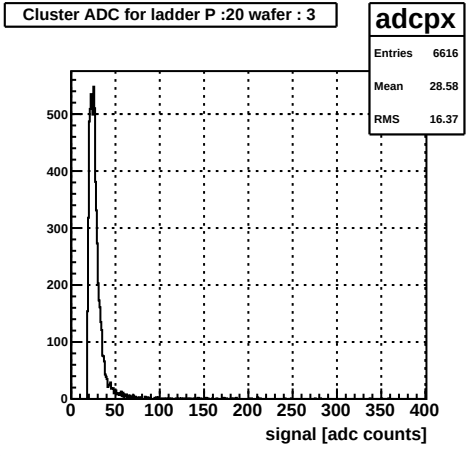

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2113
Mean 47.64
RMS 48.01
signal [adc counts]

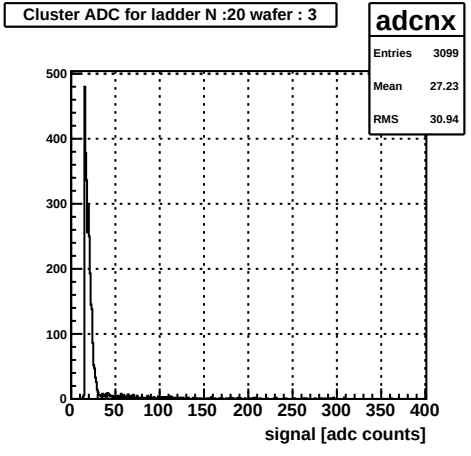

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 1893
Mean 29.14
RMS 32.44
signal [adc counts]

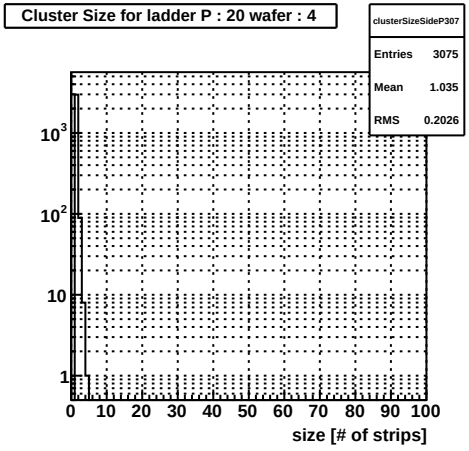

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 6616
Mean 1.037
RMS 0.2005
size [# of strips]

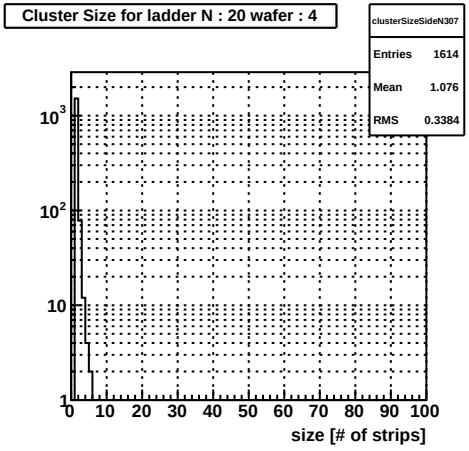

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 3099
Mean 1.086
RMS 0.3709
size [# of strips]

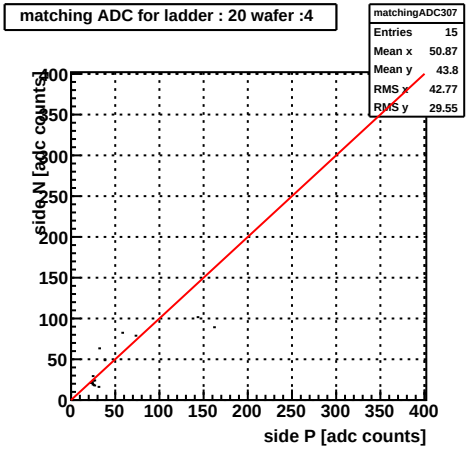

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 130
Mean x 58.06
Mean y 54.17
RMS x 55.36
RMS y 48.79
side N [adc counts]
side P [adc counts]

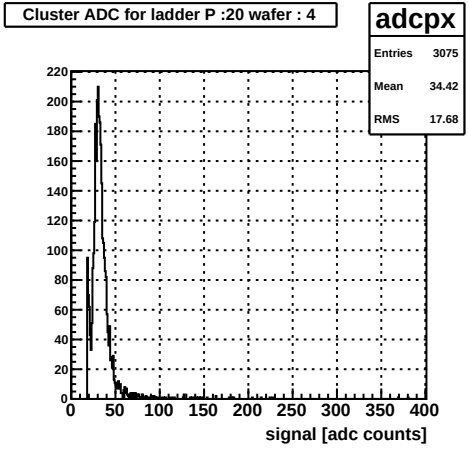

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 6616
Mean 28.58
RMS 16.37
signal [adc counts]

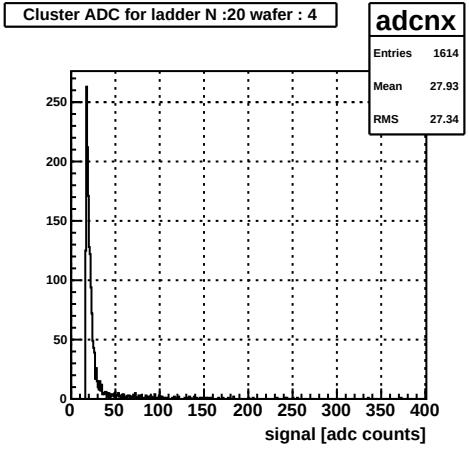

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 3099
Mean 27.23
RMS 30.94
signal [adc counts]

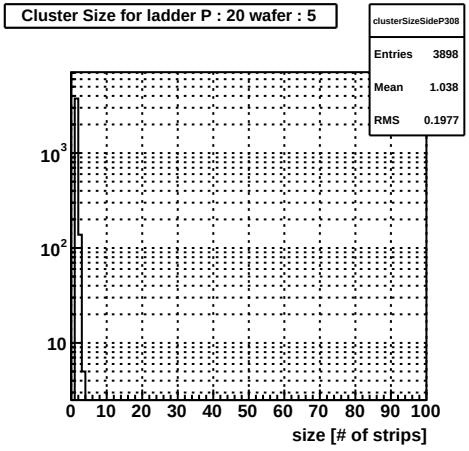

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 3075
Mean 1.035
RMS 0.2026
size [# of strips]

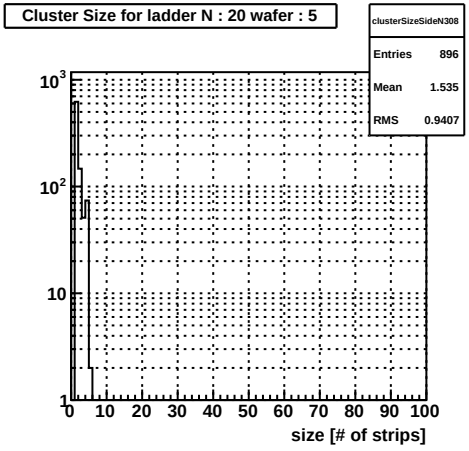

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 1614
Mean 1.076
RMS 0.3384
size [# of strips]

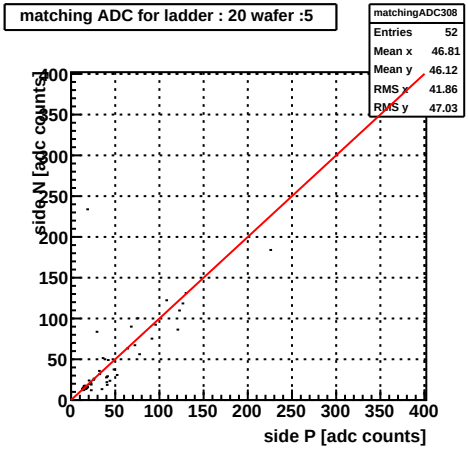

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 15
Mean x 50.87
Mean y 43.8
RMS x 42.77
RMS y 29.55
side N [adc counts]
side P [adc counts]

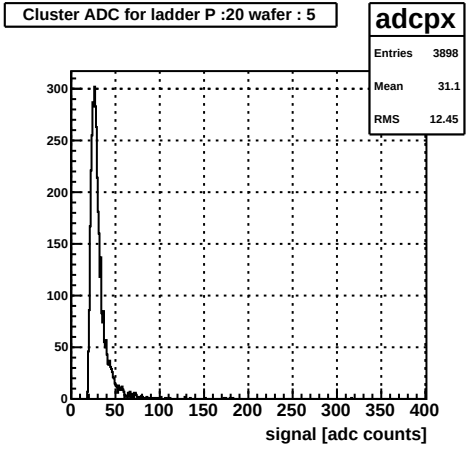

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 3075
Mean 34.42
RMS 17.68
signal [adc counts]

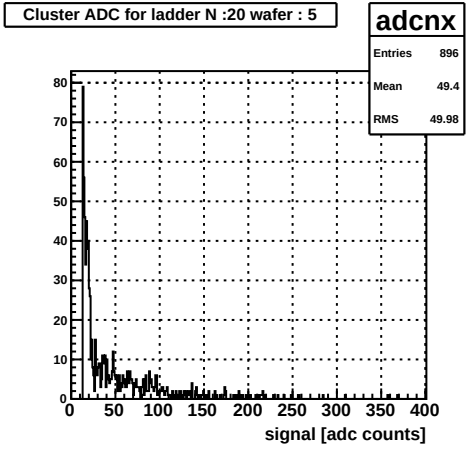

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 1614
Mean 27.93
RMS 27.34
signal [adc counts]

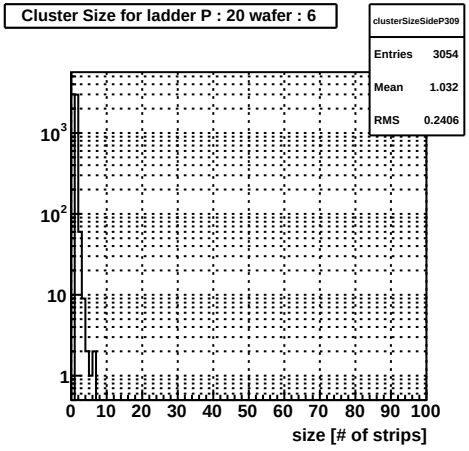

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 3898
Mean 1.038
RMS 0.1977
size [# of strips]

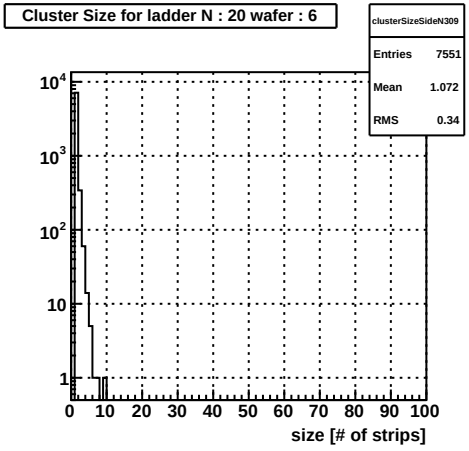

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 896
Mean 1.535
RMS 0.9407
size [# of strips]

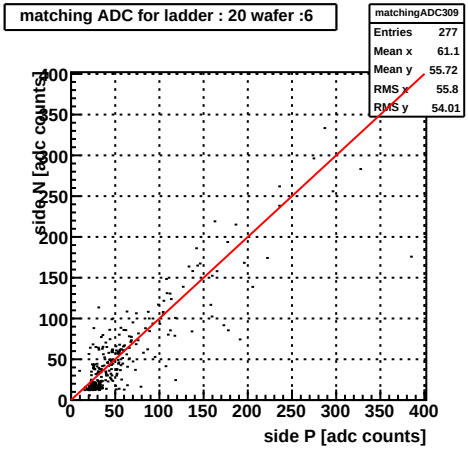

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 52
Mean x 46.81
Mean y 46.12
RMS x 41.86
RMS y 47.03
side N [adc counts]
side P [adc counts]

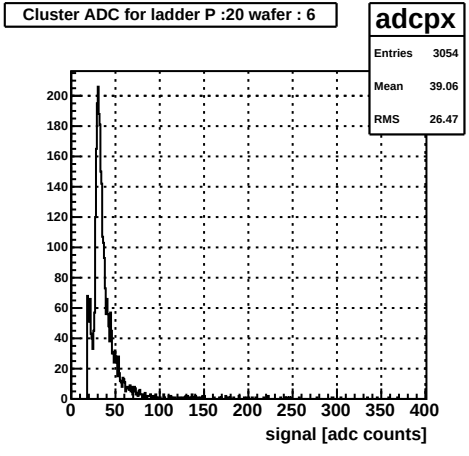

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 3898
Mean 31.1
RMS 12.45
signal [adc counts]

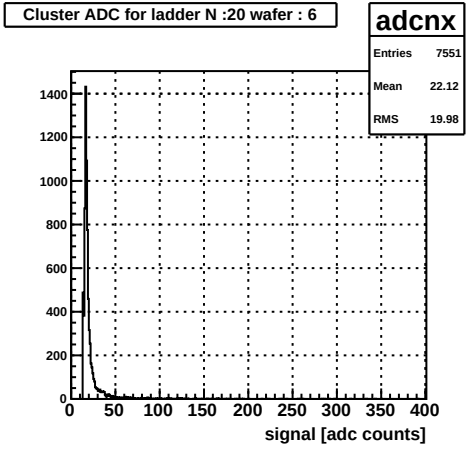

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 896
Mean 49.4
RMS 49.98
signal [adc counts]

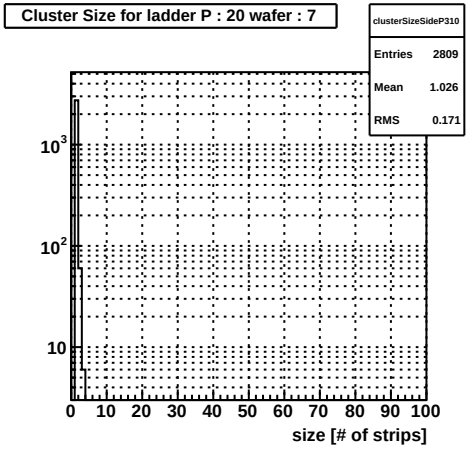

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 3054
Mean 1.032
RMS 0.2406
size [# of strips]

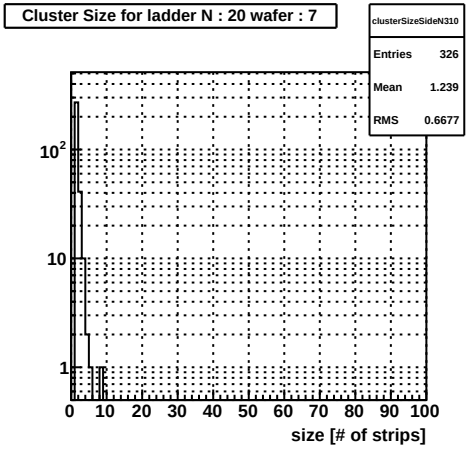

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 7551
Mean 1.072
RMS 0.34
size [# of strips]

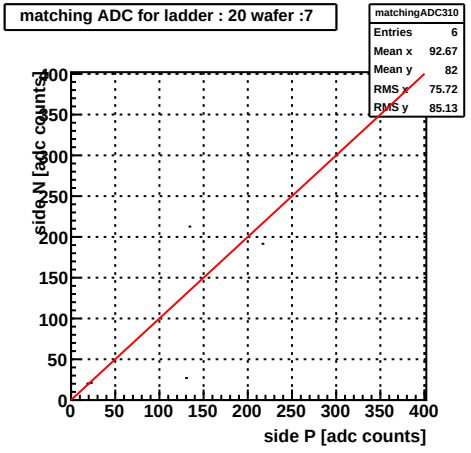

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 277
Mean x 61.1
Mean y 55.72
RMS x 55.8
RMS y 54.01
side N [adc counts]
side P [adc counts]

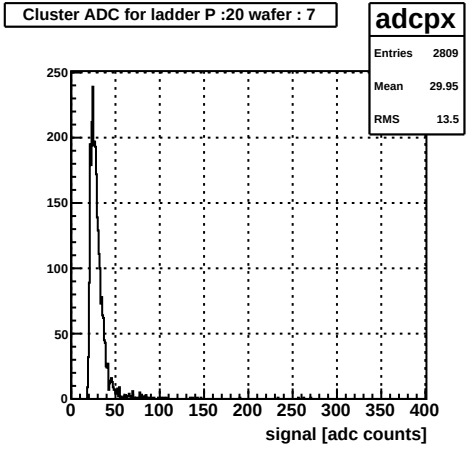

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 3054
Mean 39.06
RMS 26.47
signal [adc counts]

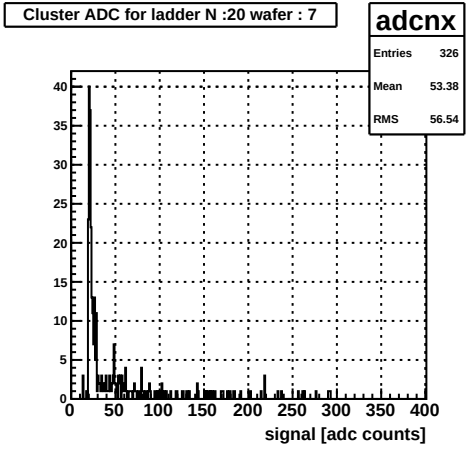

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 7551
Mean 22.12
RMS 19.98
signal [adc counts]

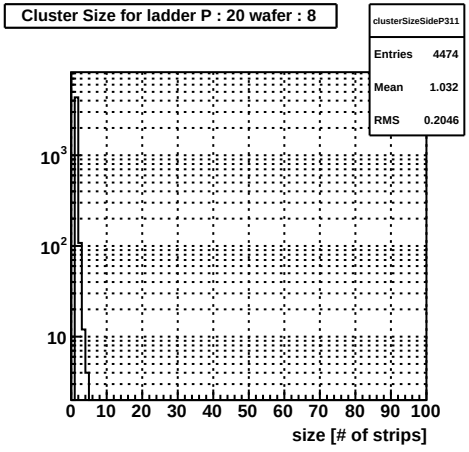

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 2809
Mean 1.026
RMS 0.171
size [# of strips]

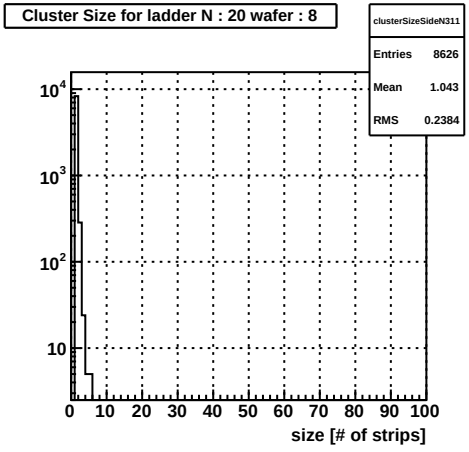

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 326
Mean 1.239
RMS 0.6677
size [# of strips]

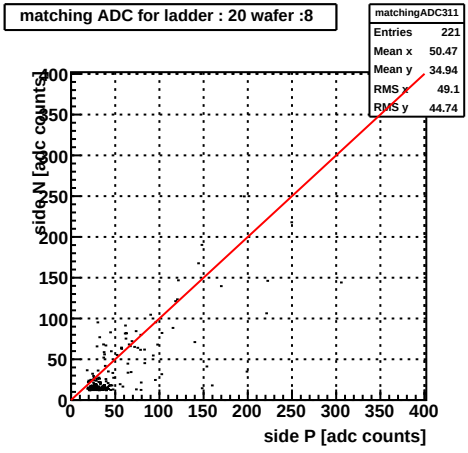

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 6
Mean x 92.67
Mean y 82
RMS x 75.72
RMS y 85.13
side N [adc counts]
side P [adc counts]

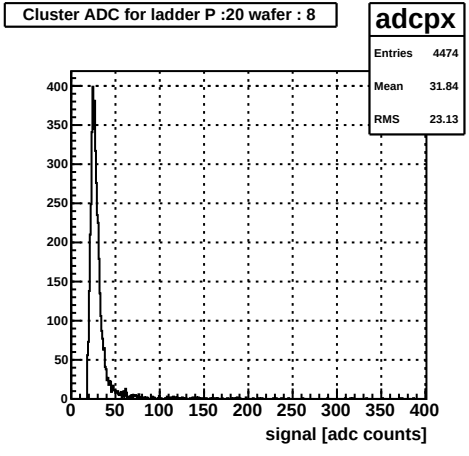

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 2809
Mean 29.95
RMS 13.5
signal [adc counts]

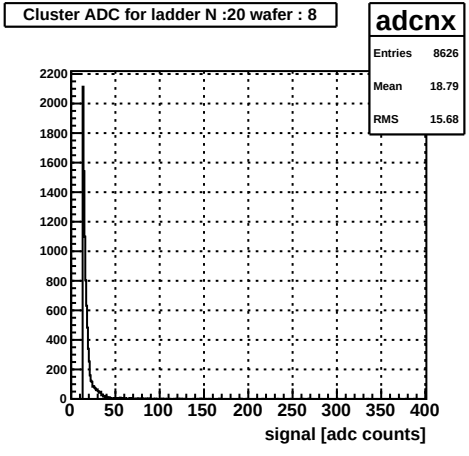

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 326
Mean 53.38
RMS 56.54
signal [adc counts]

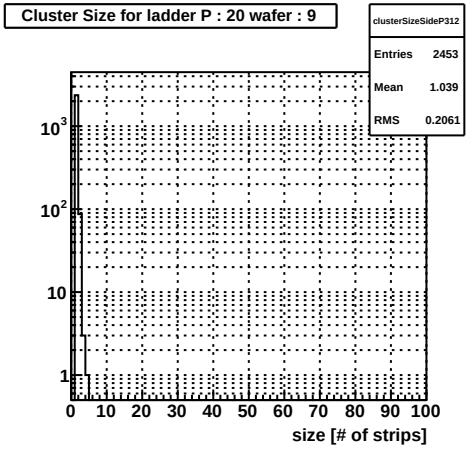

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 4474
Mean 1.032
RMS 0.2046
size [# of strips]

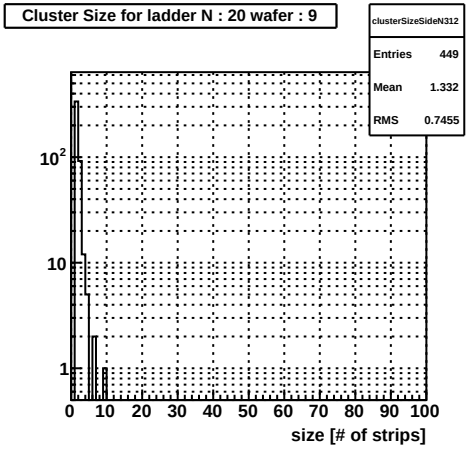

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 8626
Mean 1.043
RMS 0.2384
size [# of strips]

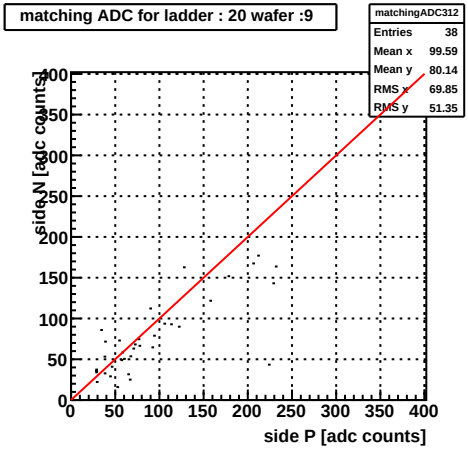

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 221
Mean x 50.47
Mean y 34.94
RMS x 49.1
RMS y 44.74
side N [adc counts]
side P [adc counts]

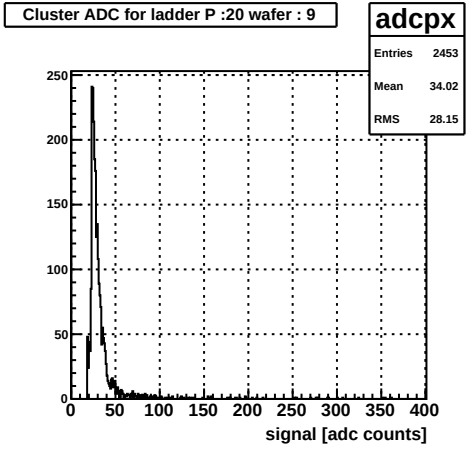

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 4474
Mean 31.84
RMS 23.13
signal [adc counts]

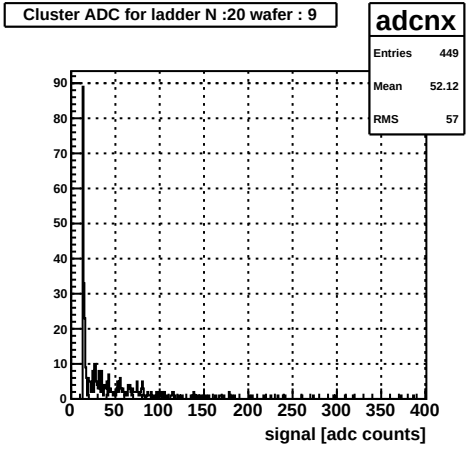

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 8626
Mean 18.79
RMS 15.68
signal [adc counts]

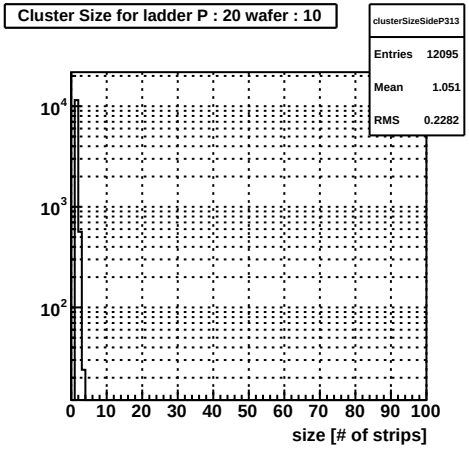

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 2453
Mean 1.039
RMS 0.2061
size [# of strips]

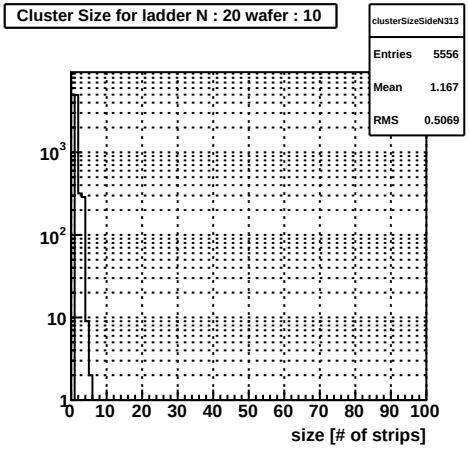

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 449
Mean 1.332
RMS 0.7455
size [# of strips]

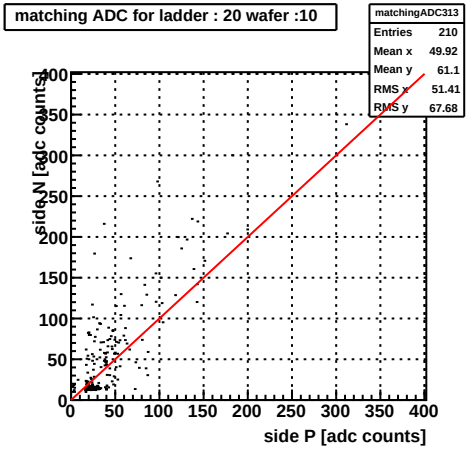

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 38
Mean x 99.59
Mean y 80.14
RMS x 69.85
RMS y 51.35
side N [adc counts]
side P [adc counts]

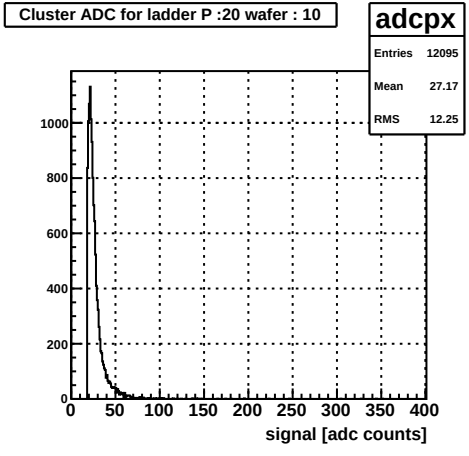

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 2453
Mean 34.02
RMS 28.15
signal [adc counts]

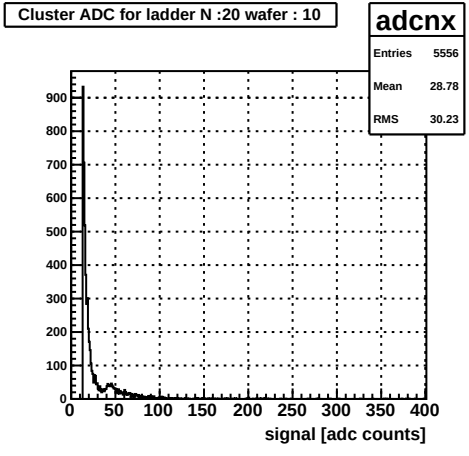

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 449
Mean 52.12
RMS 57
signal [adc counts]

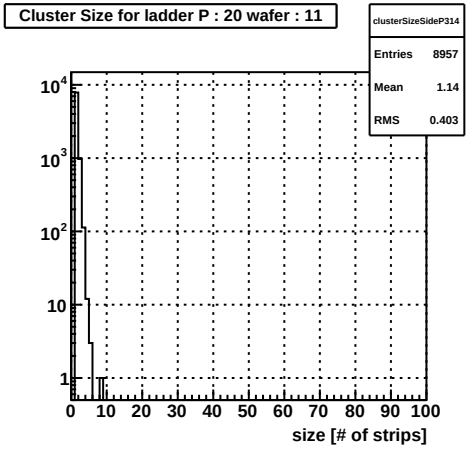

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 12095
Mean 1.051
RMS 0.2282
size [# of strips]

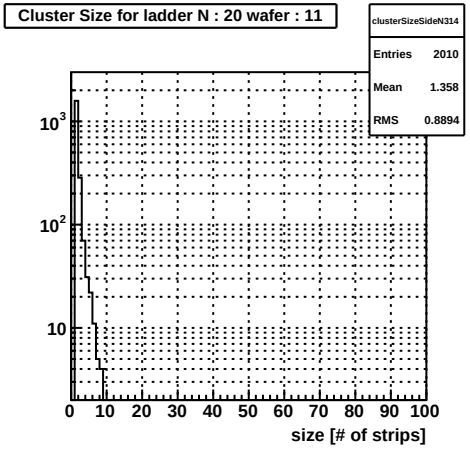

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 5556
Mean 1.167
RMS 0.5069
size [# of strips]

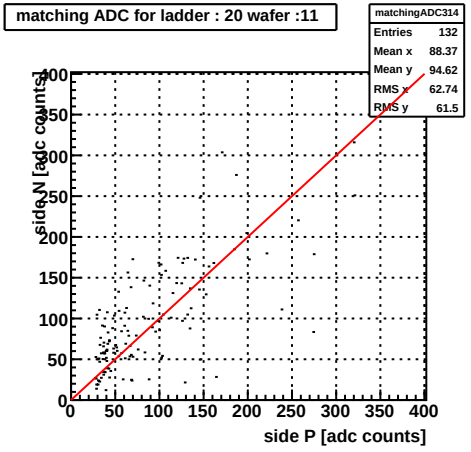

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 210
Mean x 49.92
Mean y 61.1
RMS x 51.41
RMS y 67.68
side N [adc counts]
side P [adc counts]

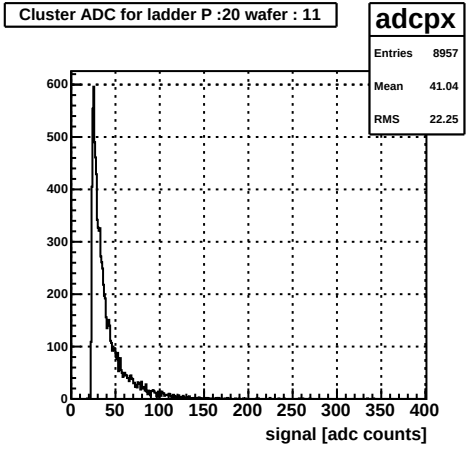

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 12095
Mean 27.17
RMS 12.25
signal [adc counts]

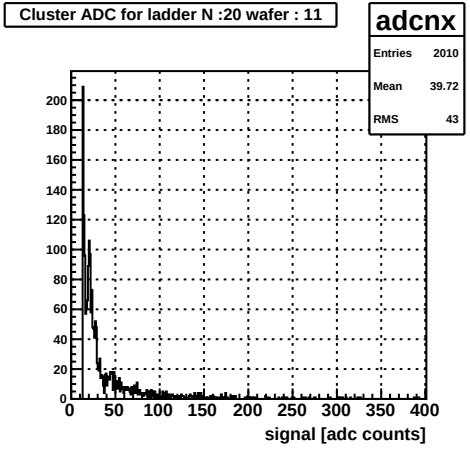

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 5556
Mean 28.78
RMS 30.23
signal [adc counts]

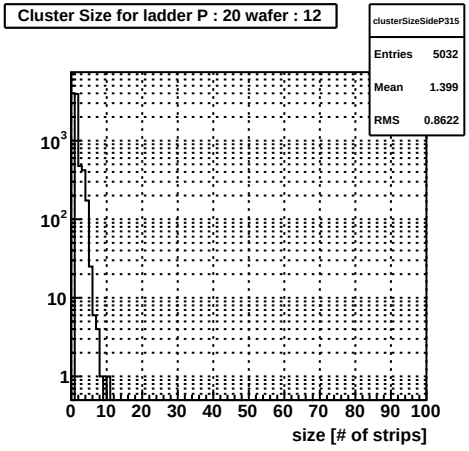

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 8957
Mean 1.14
RMS 0.403
size [# of strips]

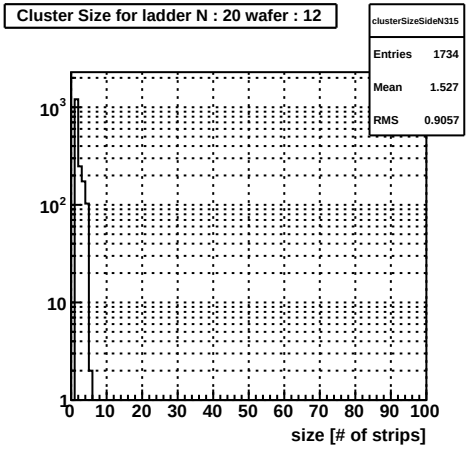

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 2010
Mean 1.358
RMS 0.8894
size [# of strips]

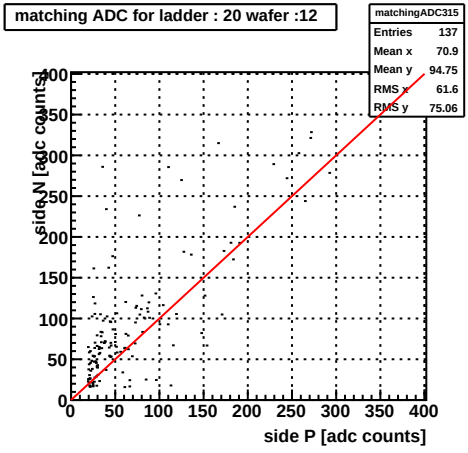

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 132
Mean x 88.37
Mean y 94.62
RMS x 62.74
RMS y 61.5
side N [adc counts]
side P [adc counts]

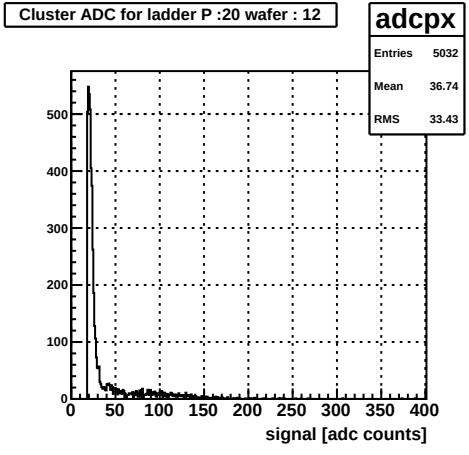

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 8957
Mean 41.04
RMS 22.25
signal [adc counts]

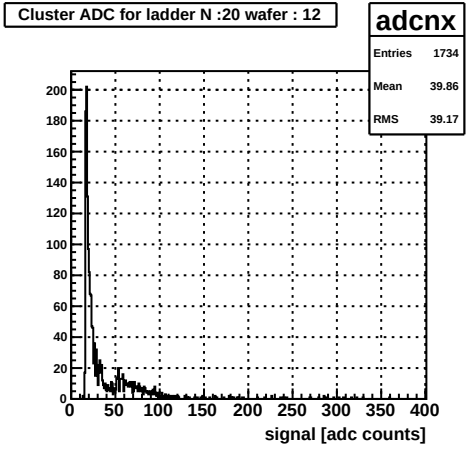

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 2010
Mean 39.72
RMS 43
signal [adc counts]

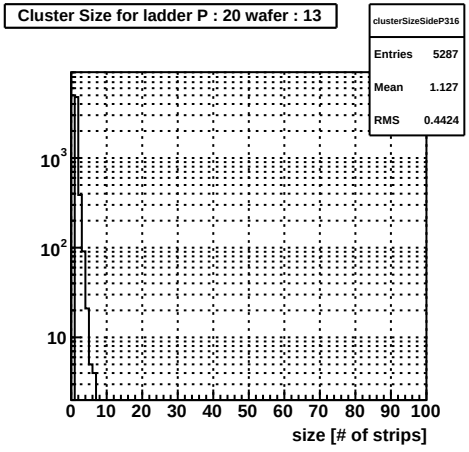

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 5032
Mean 1.399
RMS 0.8622
size [# of strips]

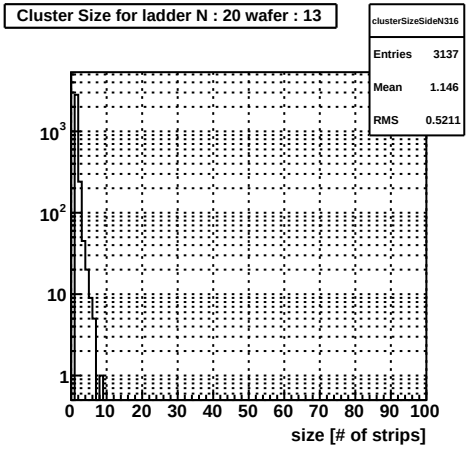

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 1734
Mean 1.527
RMS 0.9057
size [# of strips]

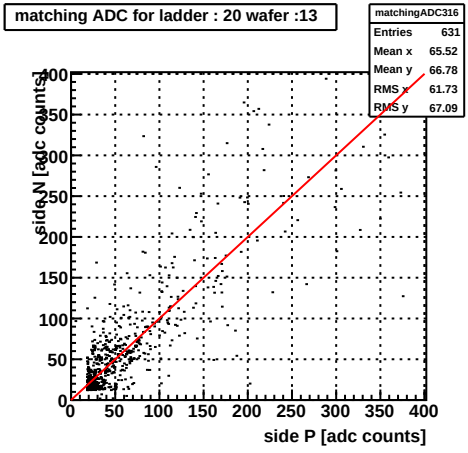

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 137
Mean x 70.9
Mean y 94.75
RMS x 61.6
RMS y 75.06
side N [adc counts]
side P [adc counts]

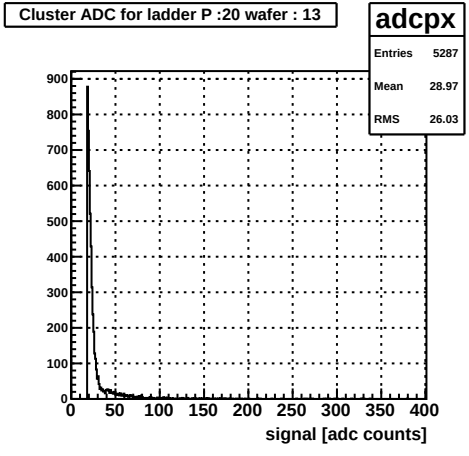

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 5032
Mean 36.74
RMS 33.43
signal [adc counts]

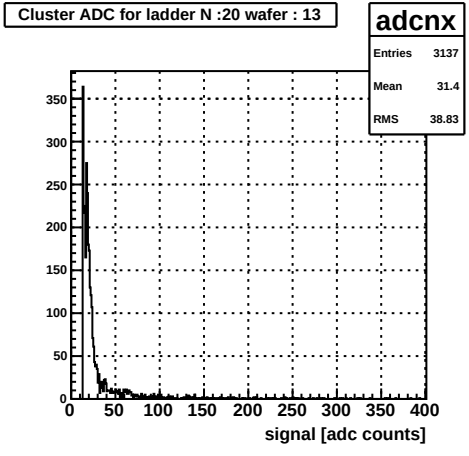

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 1734
Mean 39.86
RMS 39.17
signal [adc counts]

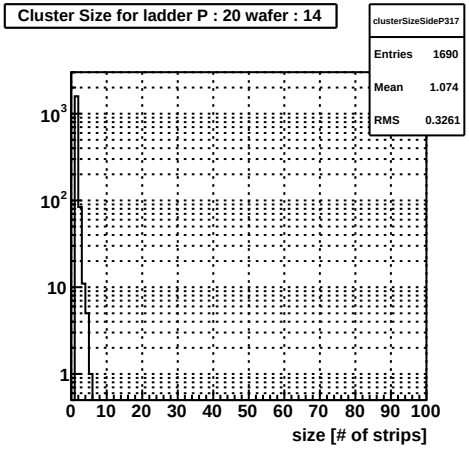

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 5287
Mean 1.127
RMS 0.4424
size [# of strips]

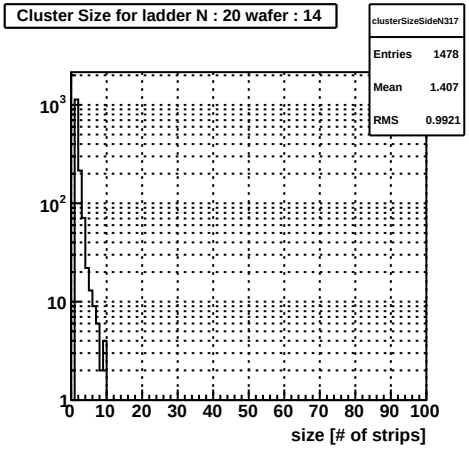

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 3137
Mean 1.146
RMS 0.5211
size [# of strips]

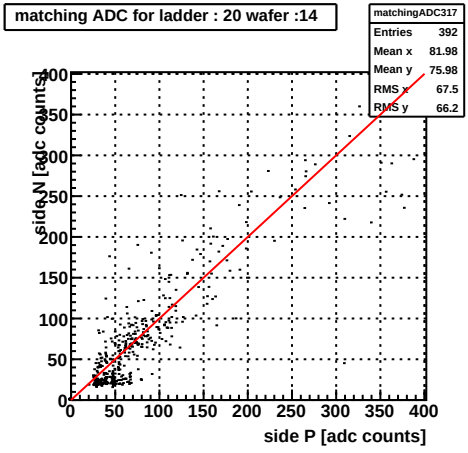

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 631
Mean x 65.52
Mean y 66.78
RMS x 61.73
RMS y 67.09
side N [adc counts]
side P [adc counts]

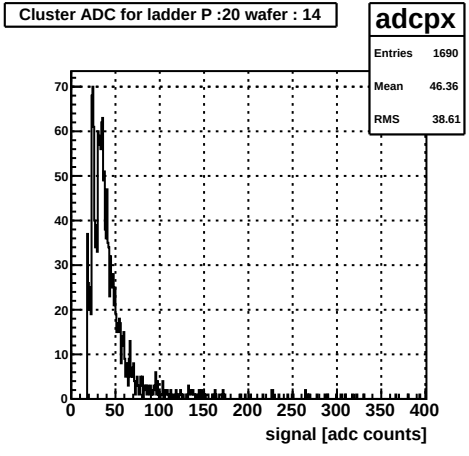

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 5287
Mean 28.97
RMS 26.03
signal [adc counts]

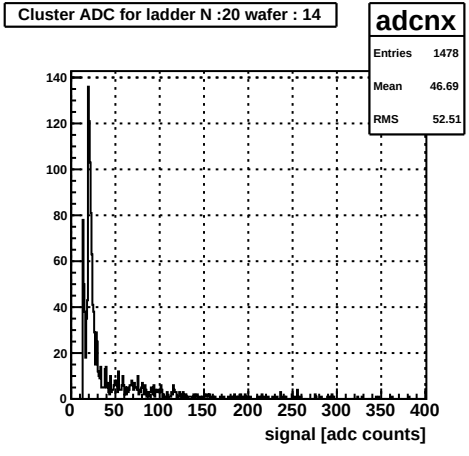

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 3137
Mean 31.4
RMS 38.83
signal [adc counts]

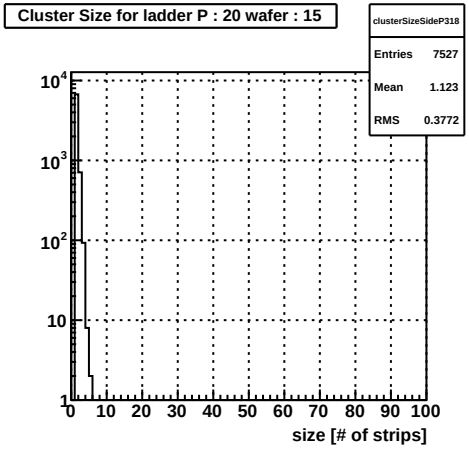

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 1690
Mean 1.074
RMS 0.3261
size [# of strips]

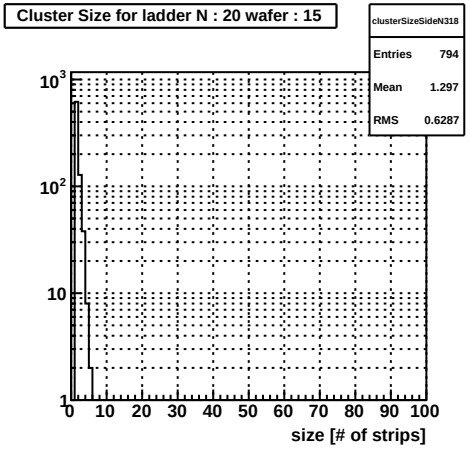

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 1478
Mean 1.407
RMS 0.9921
size [# of strips]

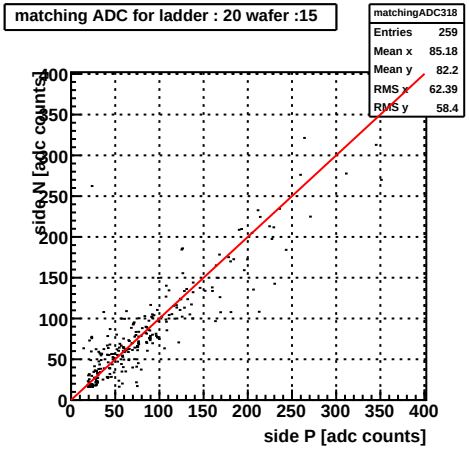

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 392
Mean x 81.98
Mean y 75.98
RMS x 67.5
RMS y 66.2
side N [adc counts]
side P [adc counts]

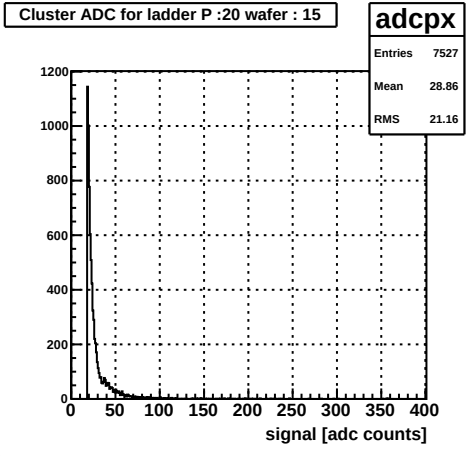

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 1690
Mean 46.36
RMS 38.61
signal [adc counts]

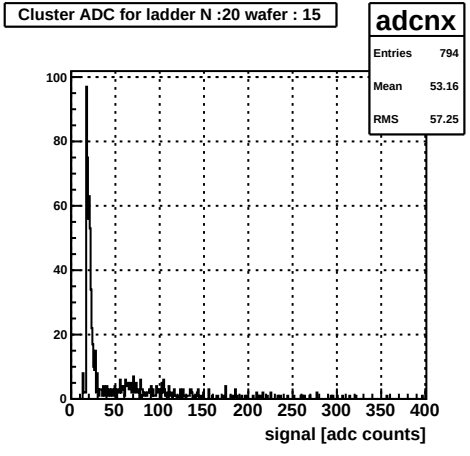

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 1478
Mean 46.69
RMS 52.51
signal [adc counts]

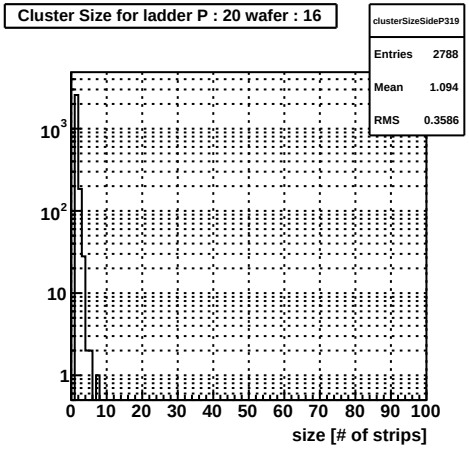

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 7527
Mean 1.123
RMS 0.3772
size [# of strips]

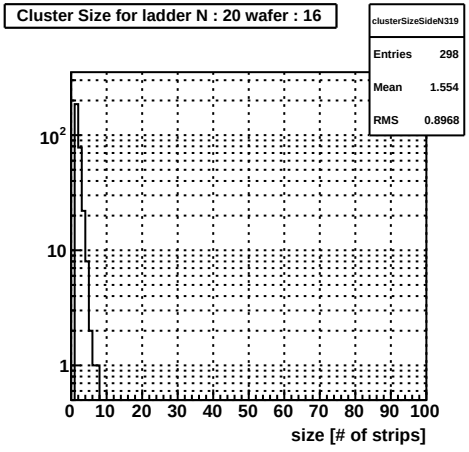

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 794
Mean 1.297
RMS 0.6287
size [# of strips]

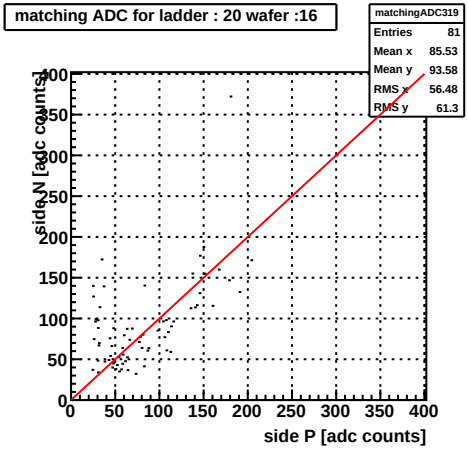

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 259
Mean x 85.18
Mean y 82.2
RMS x 62.39
RMS y 58.4
side N [adc counts]
side P [adc counts]

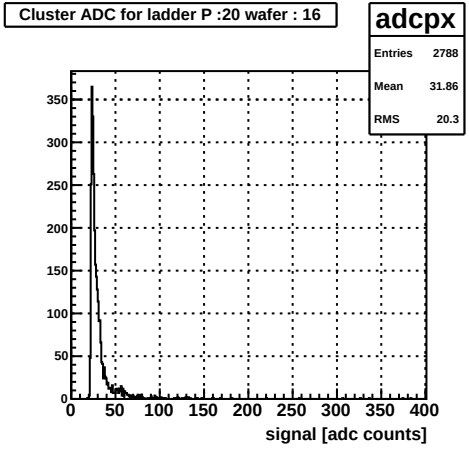

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 7527
Mean 28.86
RMS 21.16
signal [adc counts]

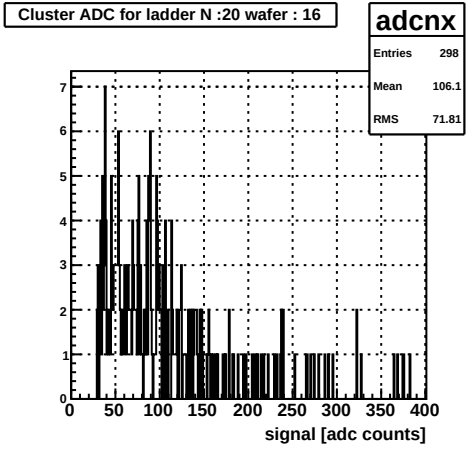

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 794
Mean 53.16
RMS 57.25
signal [adc counts]


Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 2788
Mean 1.094
RMS 0.3586
size [# of strips]

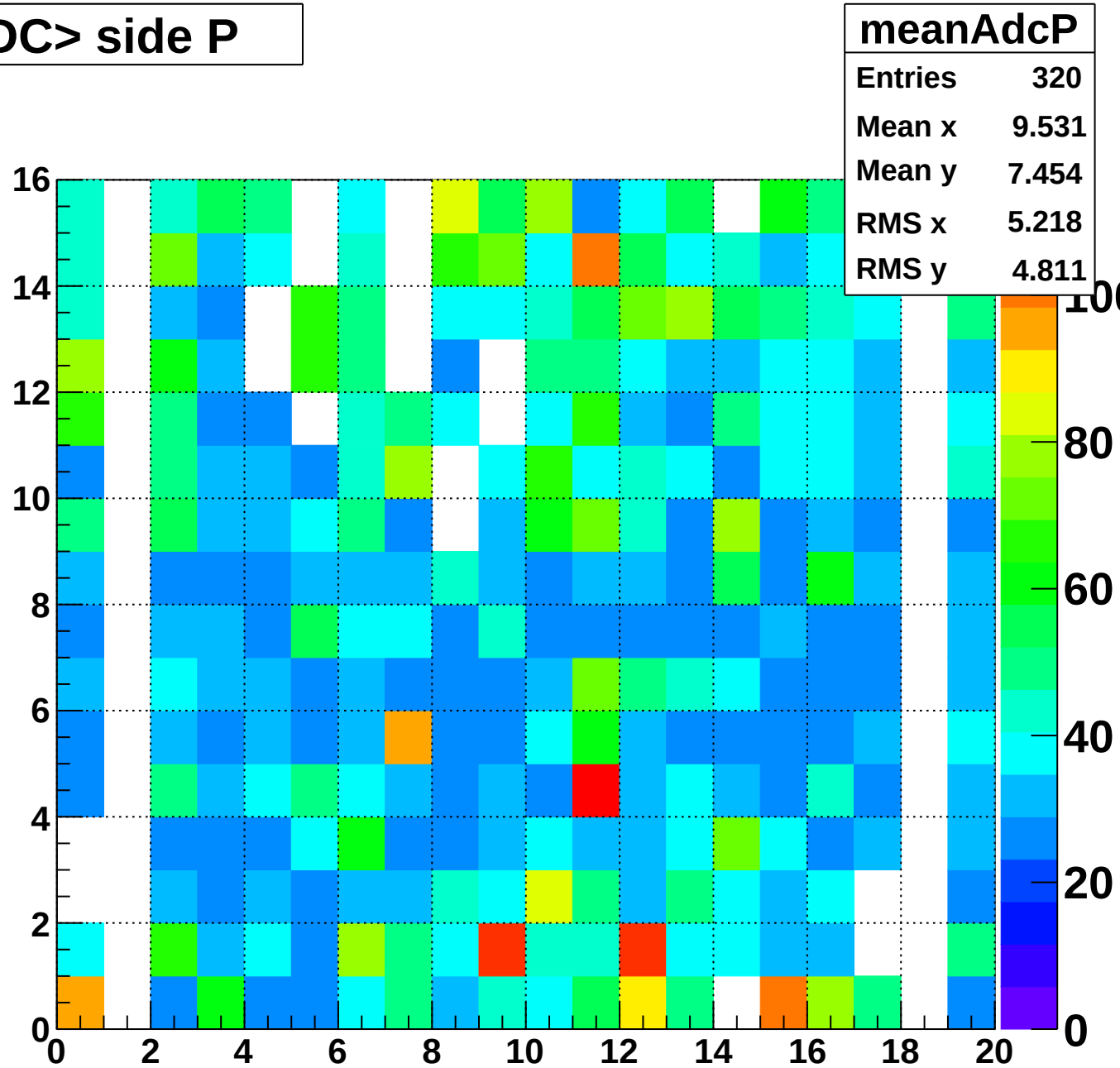

Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 298
Mean 1.554
RMS 0.8968
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 81
Mean x 85.53
Mean y 93.58
RMS x 56.48
RMS y 61.3
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 2788
Mean 31.86
RMS 20.3
signal [adc counts]

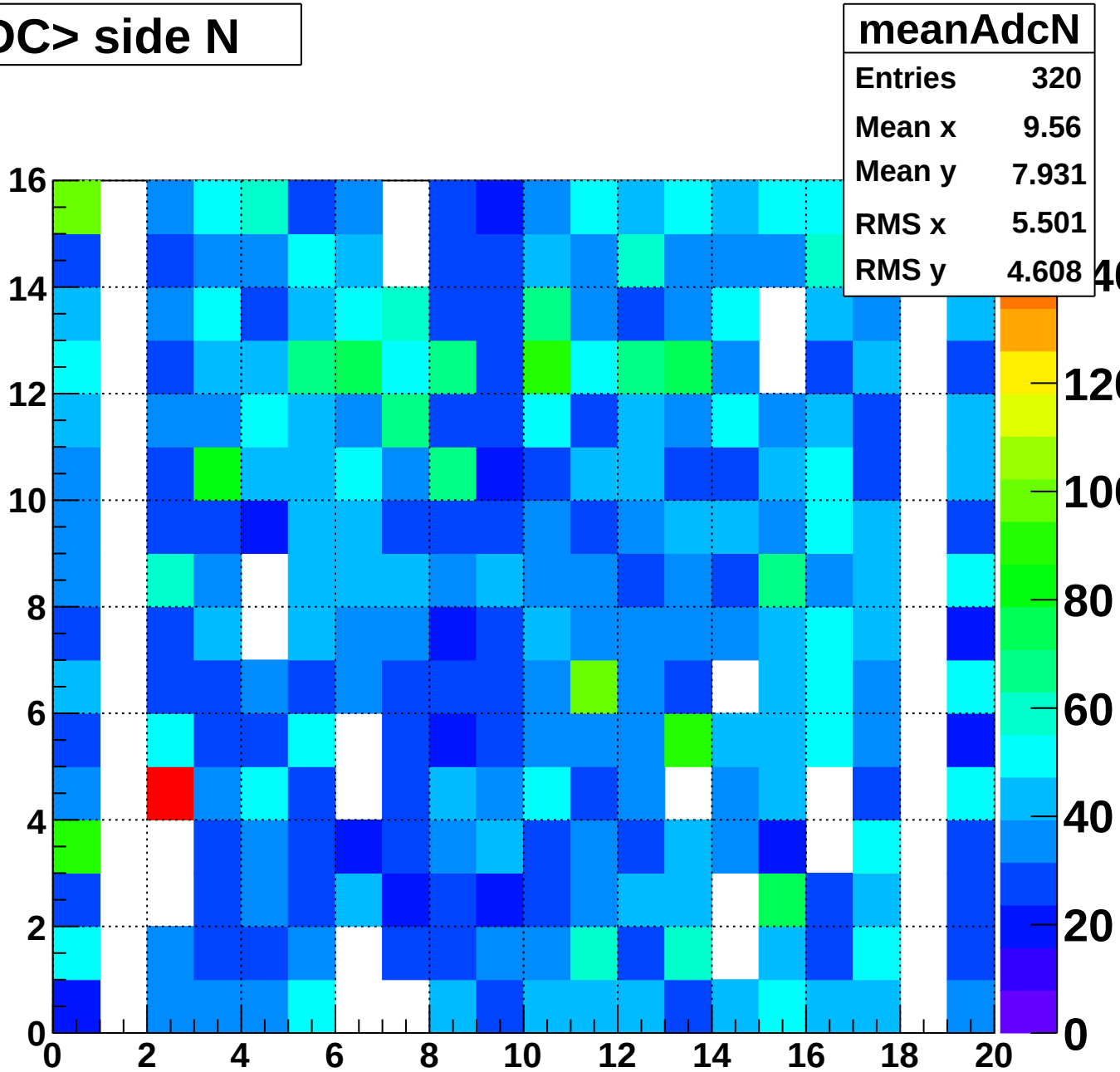

Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 298
Mean 106.1
RMS 71.81
signal [adc counts]

<ADC> side P



2016-05-24 01:20:25

<ADC> side N



2016-05-24 01:20:25