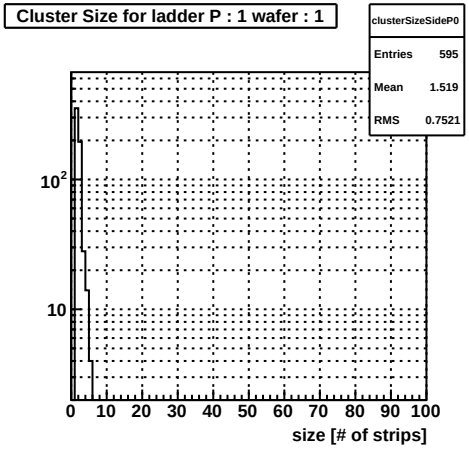
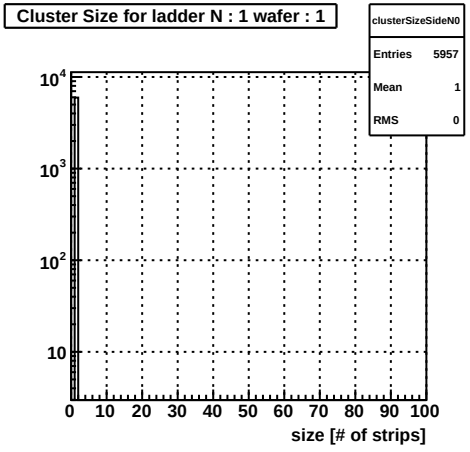
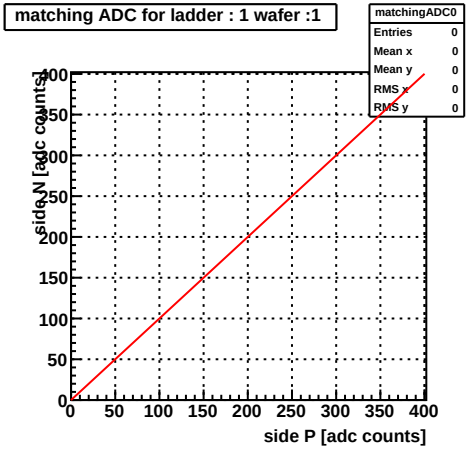
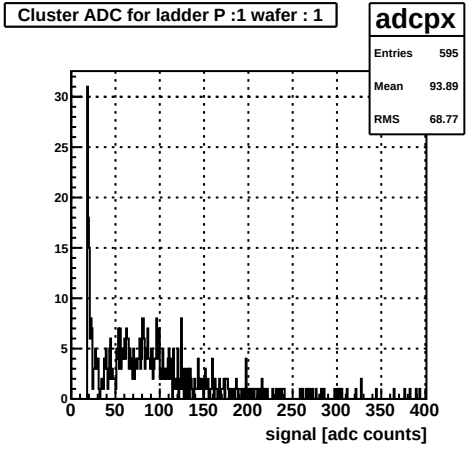
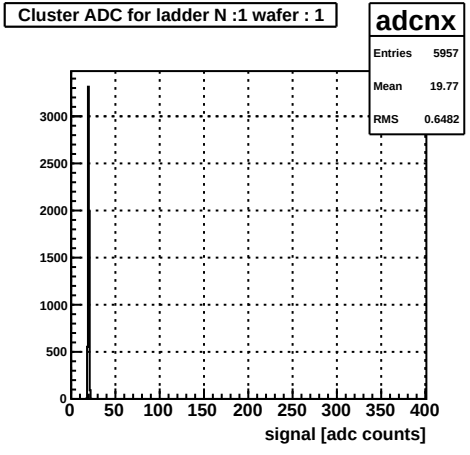
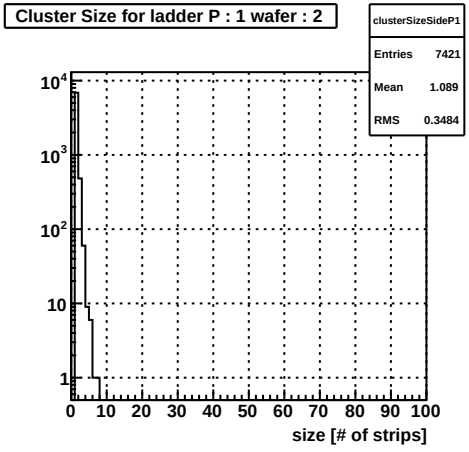

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 595
Mean 1.519
RMS 0.7521
size [# of strips]

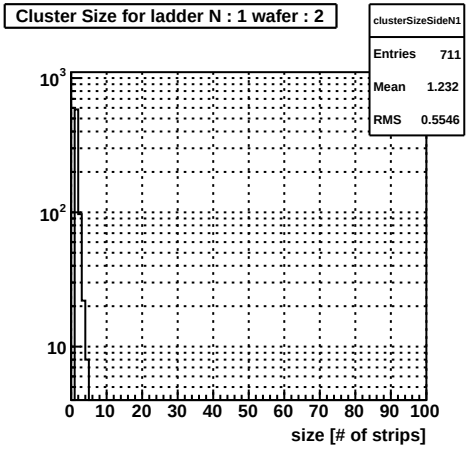

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 5957
Mean 1
RMS 0
size [# of strips]

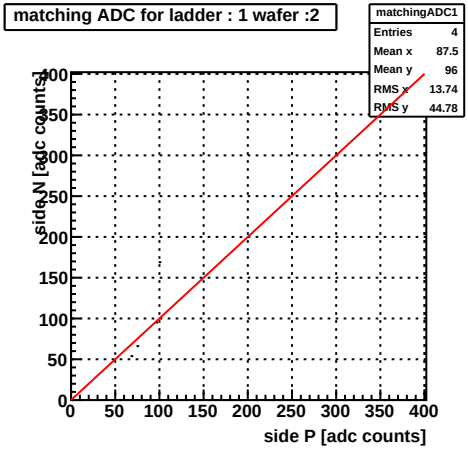

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

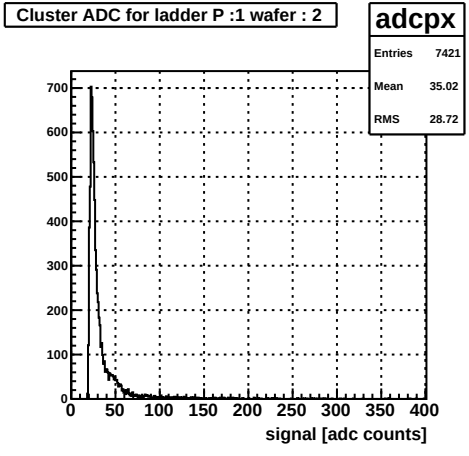

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 595
Mean 93.89
RMS 68.77
signal [adc counts]

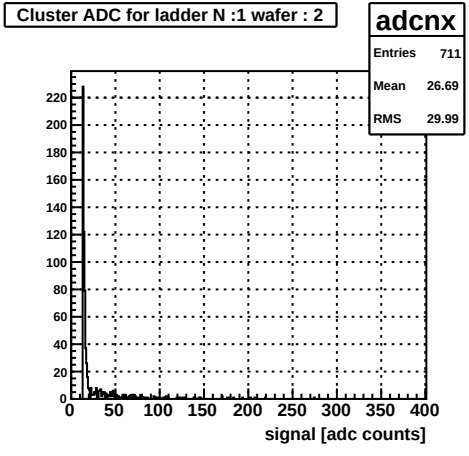

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 5957
Mean 19.77
RMS 0.6482
signal [adc counts]

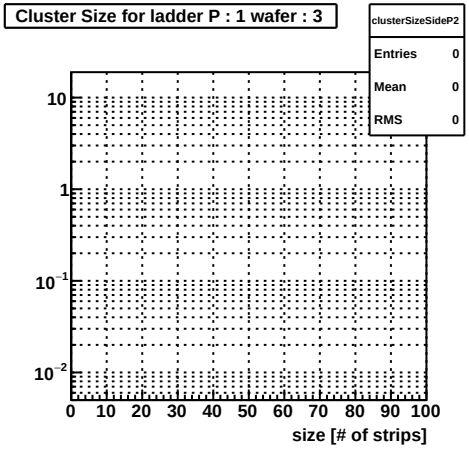

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 7421
Mean 1.089
RMS 0.3484
size [# of strips]

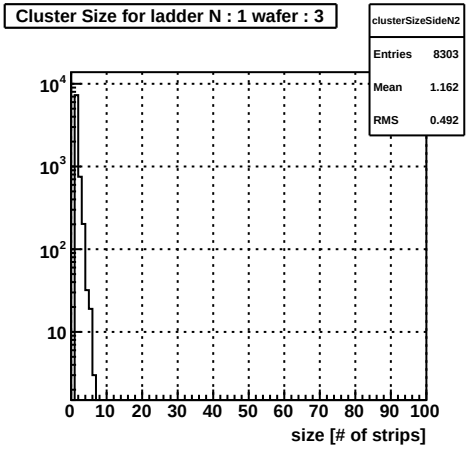

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 711
Mean 1.232
RMS 0.5546
size [# of strips]

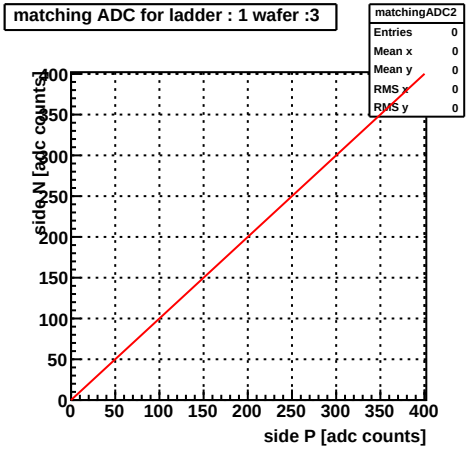

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 4
Mean x 87.5
Mean y 96
RMS x 13.74
RMS y 44.78
side N [adc counts]
side P [adc counts]

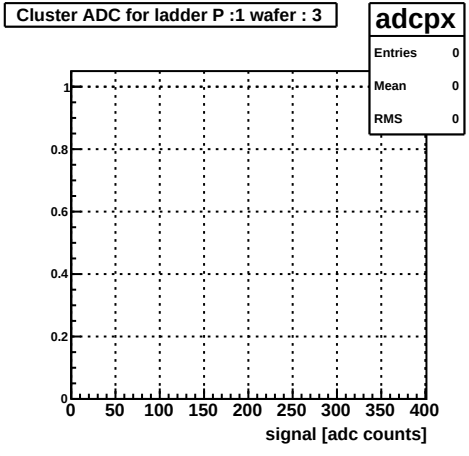

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 7421
Mean 35.02
RMS 28.72
signal [adc counts]

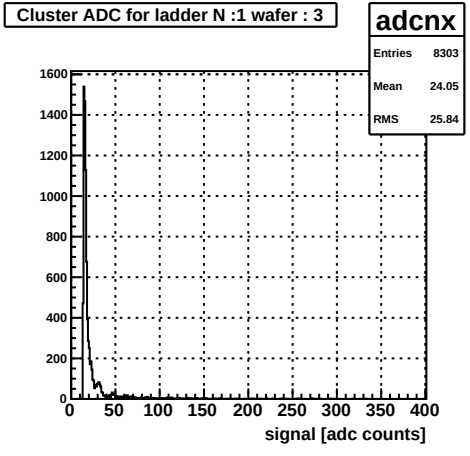

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 711
Mean 26.69
RMS 29.99
signal [adc counts]

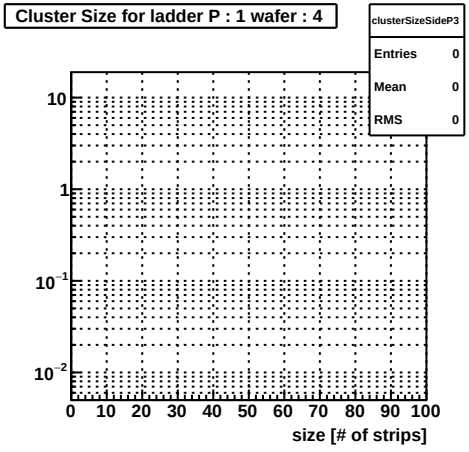

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

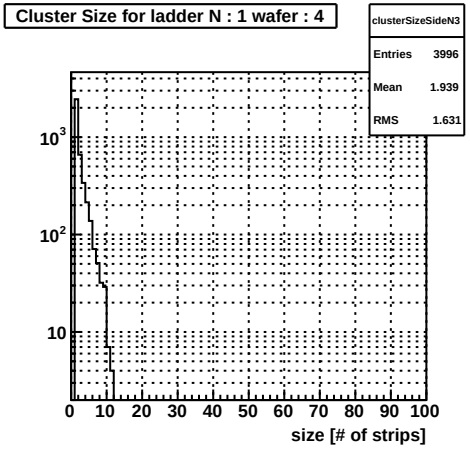

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 8303
Mean 1.162
RMS 0.492
size [# of strips]

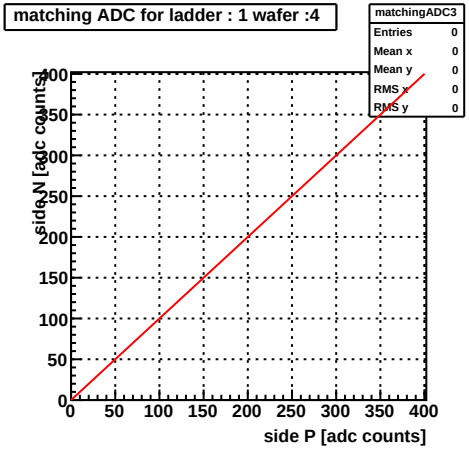

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

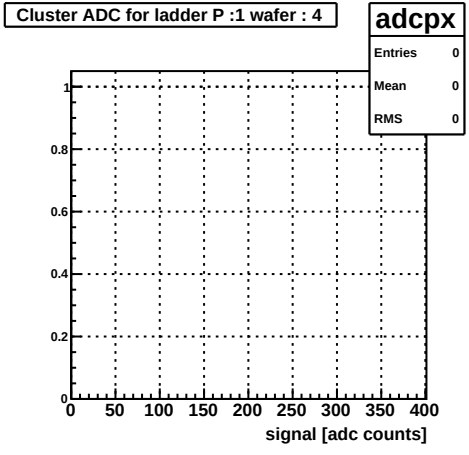

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

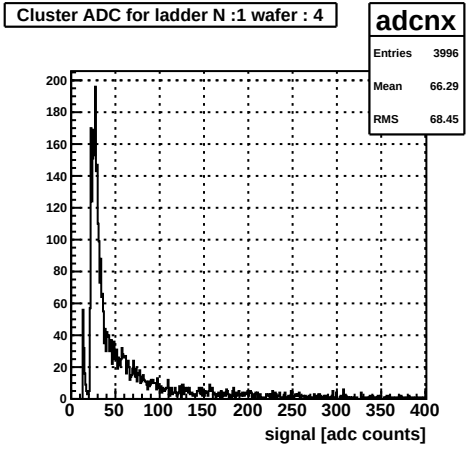

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 8303
Mean 24.05
RMS 25.84
signal [adc counts]

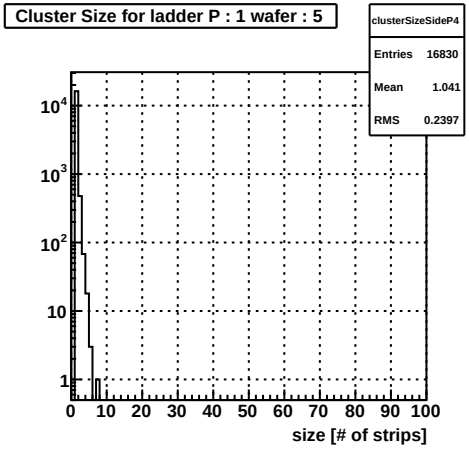

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

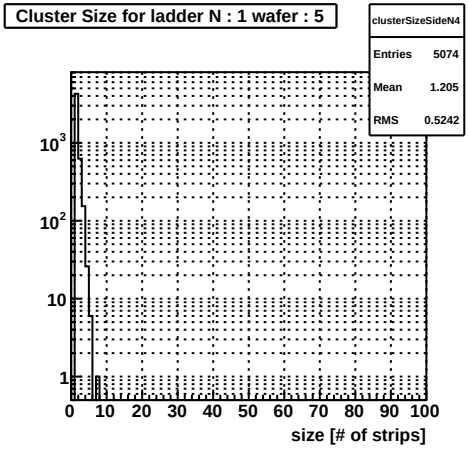

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 3996
Mean 1.939
RMS 1.631
size [# of strips]

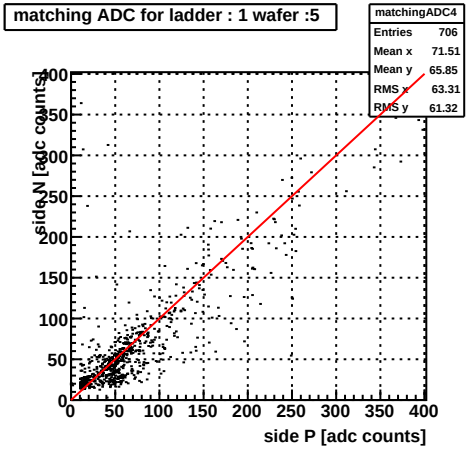

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

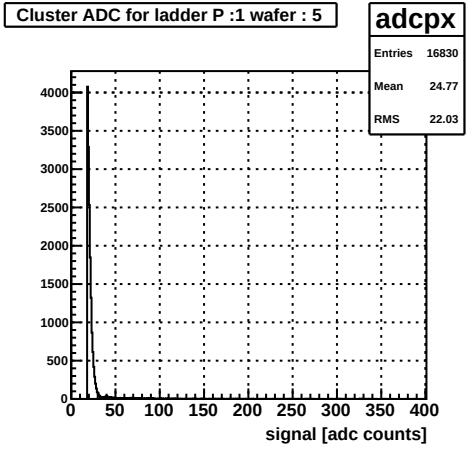

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

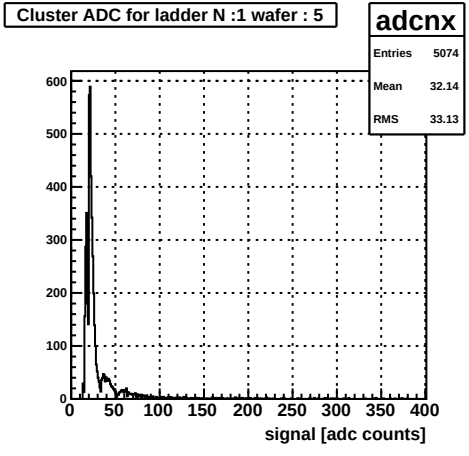

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 3996
Mean 66.29
RMS 68.45
signal [adc counts]

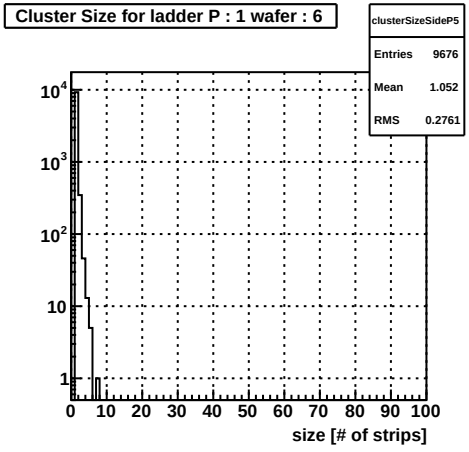

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 16830
Mean 1.041
RMS 0.2397
size [# of strips]

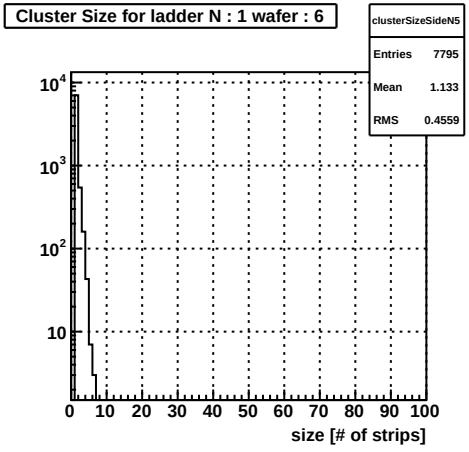

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 5074
Mean 1.205
RMS 0.5242
size [# of strips]

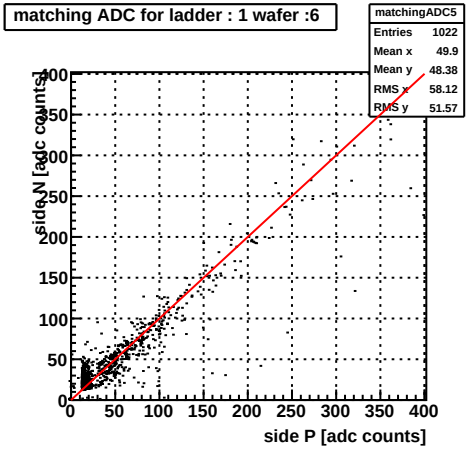

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 706
Mean x 71.51
Mean y 65.85
RMS x 63.31
RMS y 61.32
side N [adc counts]
side P [adc counts]

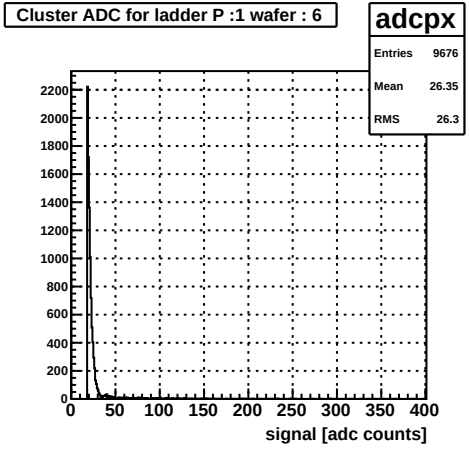

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 16830
Mean 24.77
RMS 22.03
signal [adc counts]

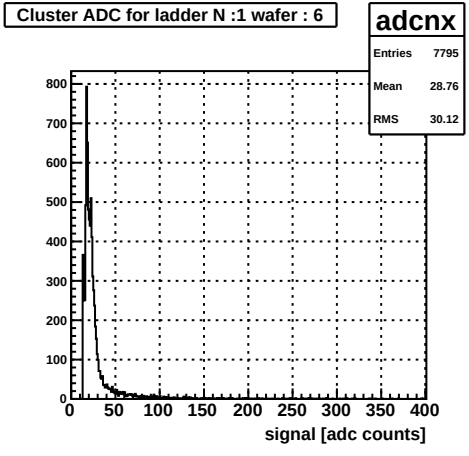

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 5074
Mean 32.14
RMS 33.13
signal [adc counts]

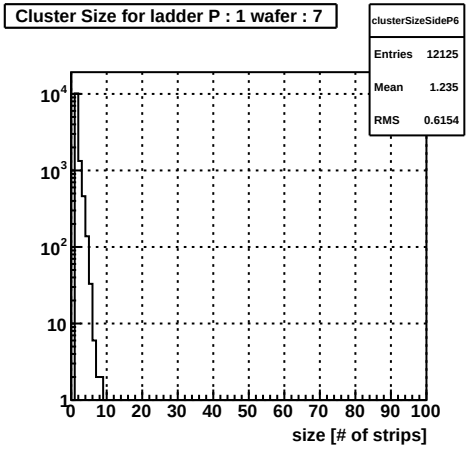

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 9676
Mean 1.052
RMS 0.2761
size [# of strips]

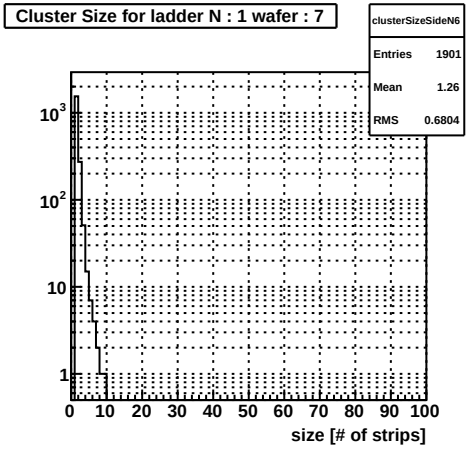

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 7795
Mean 1.133
RMS 0.4559
size [# of strips]

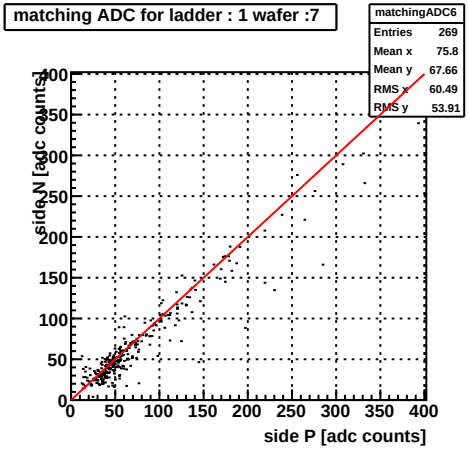

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 1022
Mean x 49.9
Mean y 48.38
RMS x 58.12
RMS y 51.57
side N [adc counts]
side P [adc counts]

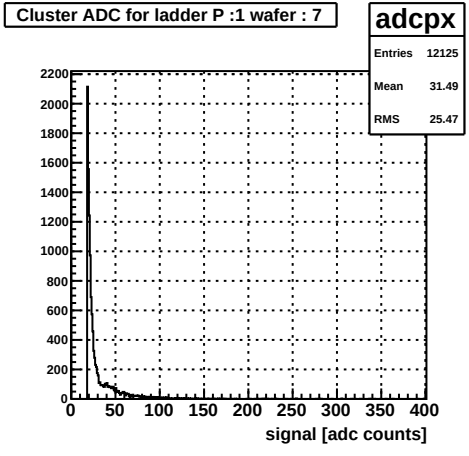

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 9676
Mean 26.35
RMS 26.3
signal [adc counts]

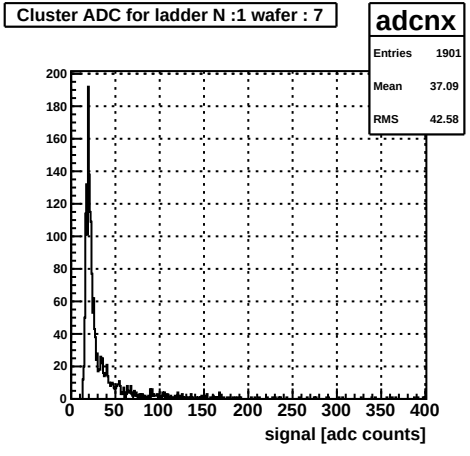

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 7795
Mean 28.76
RMS 30.12
signal [adc counts]

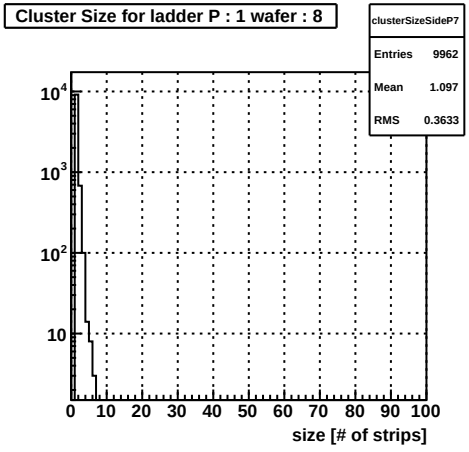

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 12125
Mean 1.235
RMS 0.6154
size [# of strips]

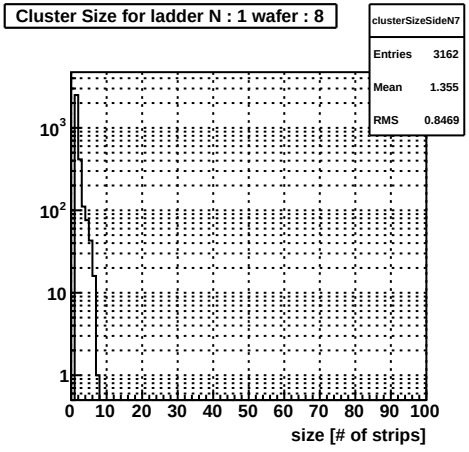

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 1901
Mean 1.26
RMS 0.6804
size [# of strips]

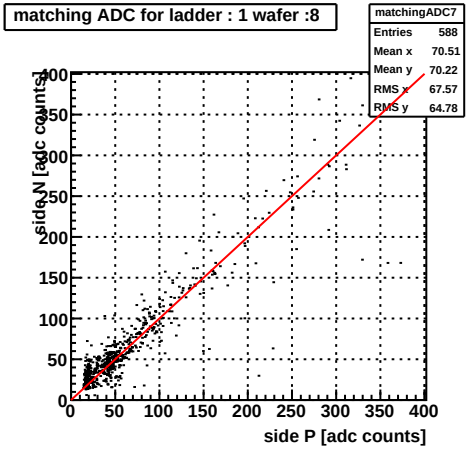

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 269
Mean x 75.8
Mean y 67.66
RMS x 60.49
RMS y 53.91
side N [adc counts]
side P [adc counts]

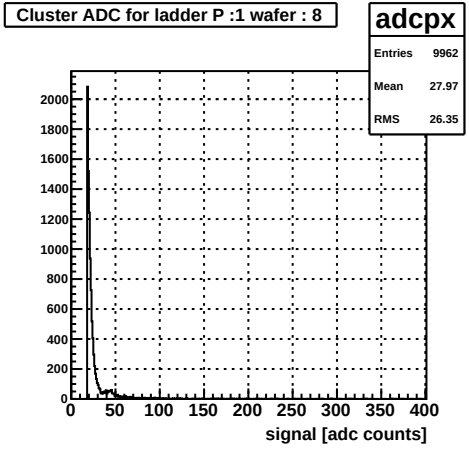

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 12125
Mean 31.49
RMS 25.47
signal [adc counts]

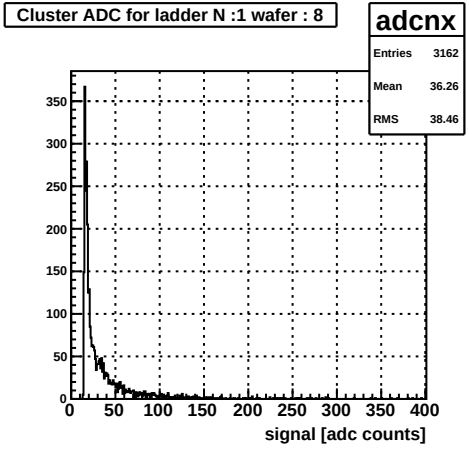

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 1901
Mean 37.09
RMS 42.58
signal [adc counts]

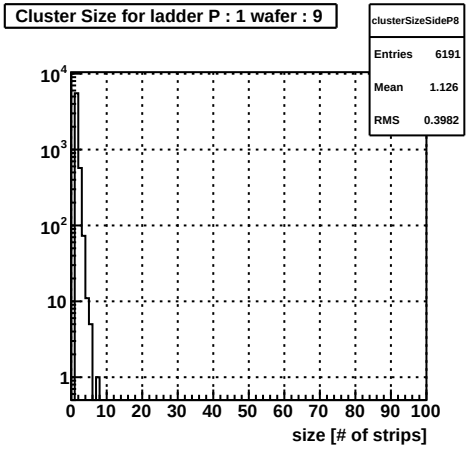

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 9962
Mean 1.097
RMS 0.3633
size [# of strips]

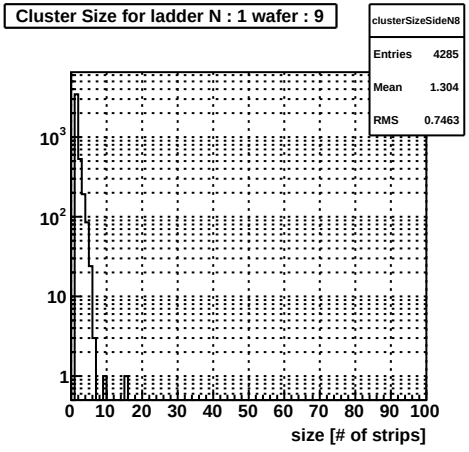

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 3162
Mean 1.355
RMS 0.8469
size [# of strips]

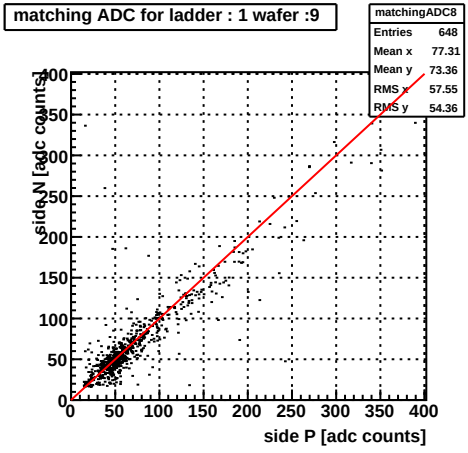

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 588
Mean x 70.51
Mean y 70.22
RMS x 67.57
RMS y 64.78
side N [adc counts]
side P [adc counts]

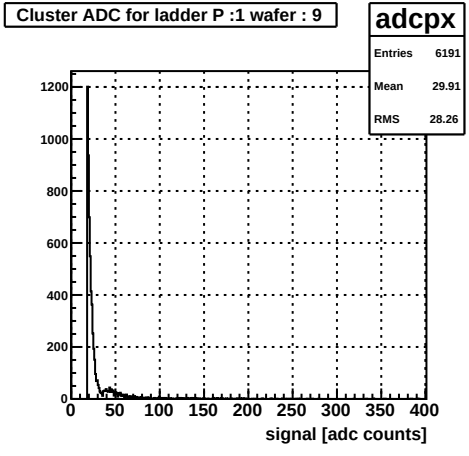

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 9962
Mean 27.97
RMS 26.35
signal [adc counts]

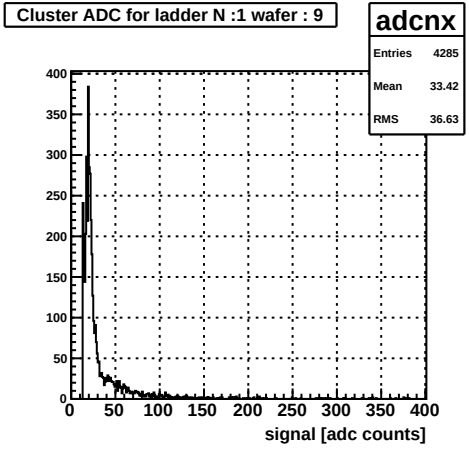

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 3162
Mean 36.26
RMS 38.46
signal [adc counts]

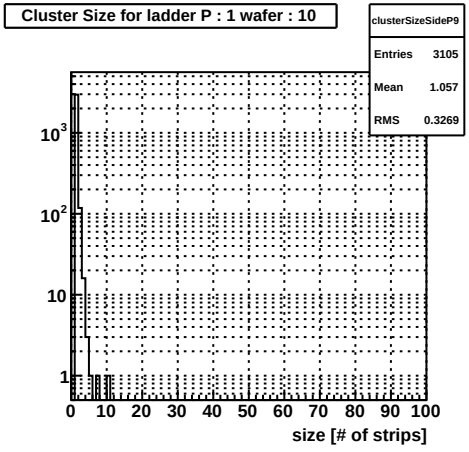

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 6191
Mean 1.126
RMS 0.3982
size [# of strips]

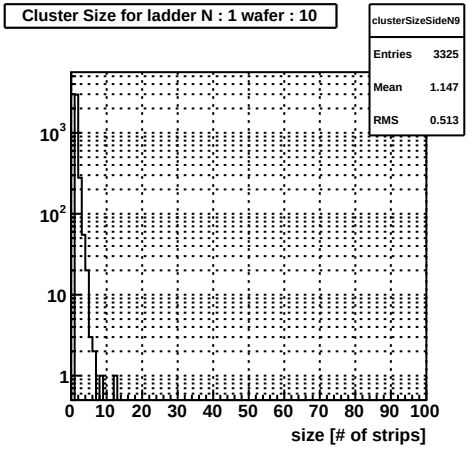

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 4285
Mean 1.304
RMS 0.7463
size [# of strips]

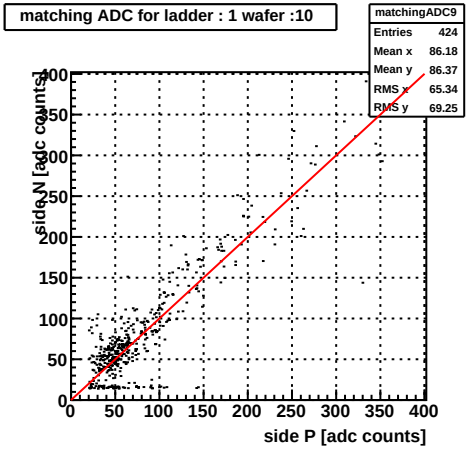

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 648
Mean x 77.31
Mean y 73.36
RMS x 57.55
RMS y 54.36
side N [adc counts]
side P [adc counts]

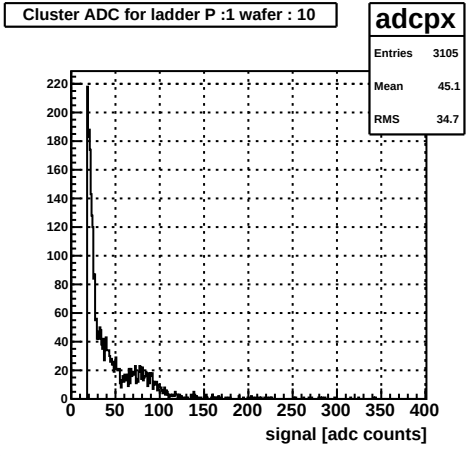

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 6191
Mean 29.91
RMS 28.26
signal [adc counts]

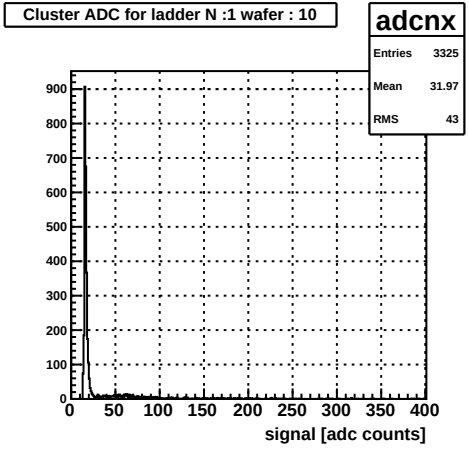

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 4285
Mean 33.42
RMS 36.63
signal [adc counts]

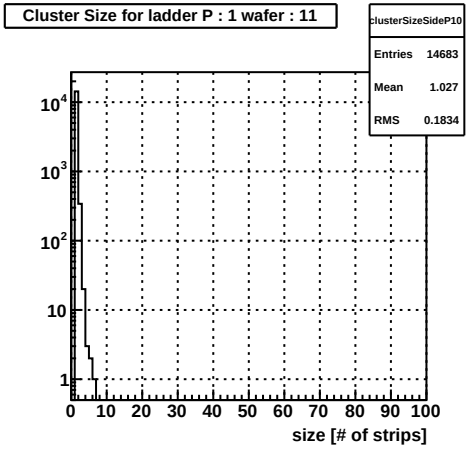

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 3105
Mean 1.057
RMS 0.3269
size [# of strips]

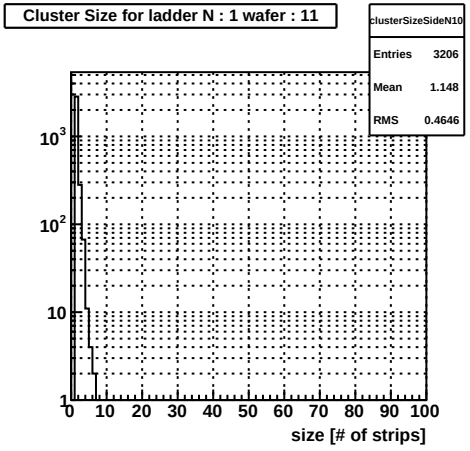

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 3325
Mean 1.147
RMS 0.513
size [# of strips]

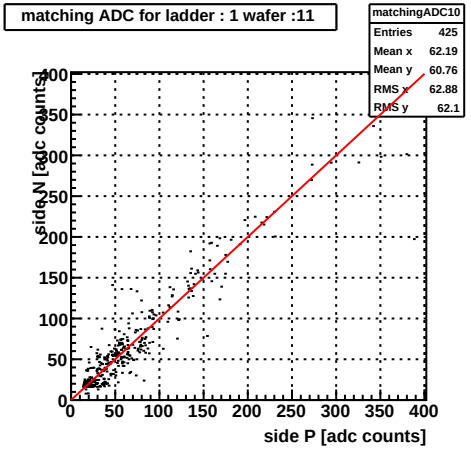

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 424
Mean x 86.18
Mean y 86.37
RMS x 65.34
RMS y 69.25
side N [adc counts]
side P [adc counts]

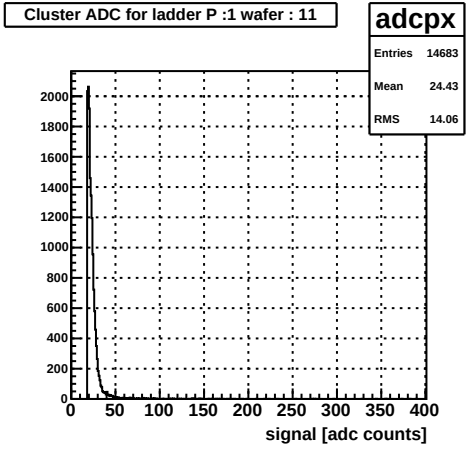

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 3105
Mean 45.1
RMS 34.7
signal [adc counts]

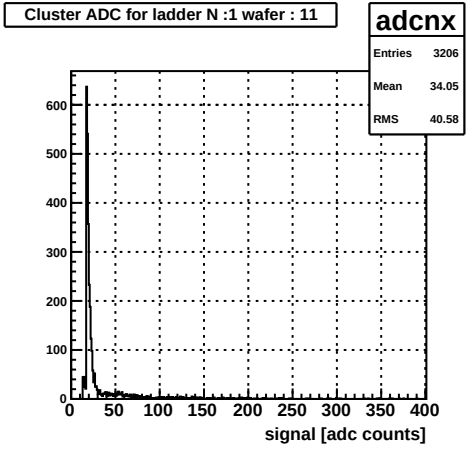

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 3325
Mean 31.97
RMS 43
signal [adc counts]

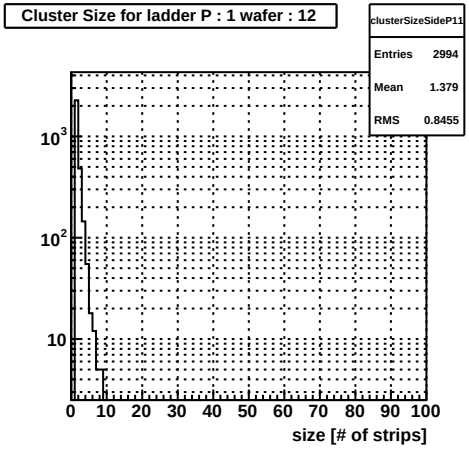

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 14683
Mean 1.027
RMS 0.1834
size [# of strips]

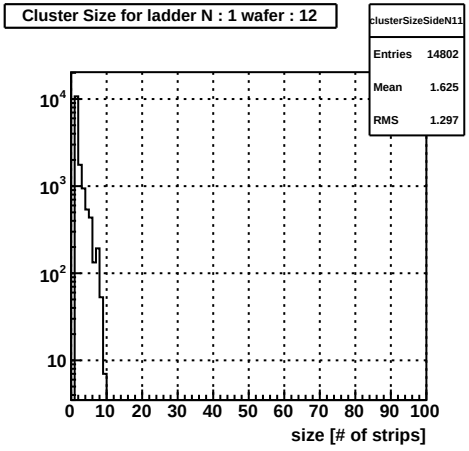

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 3206
Mean 1.148
RMS 0.4646
size [# of strips]

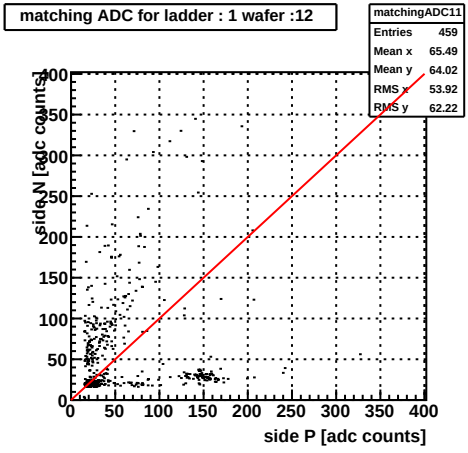

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 425
Mean x 62.19
Mean y 60.76
RMS x 62.88
RMS y 62.1
side N [adc counts]
side P [adc counts]

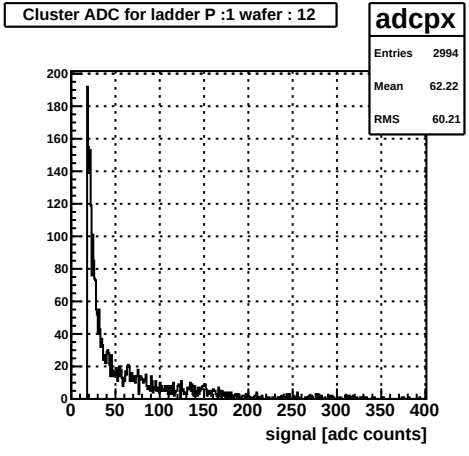

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 14683
Mean 24.43
RMS 14.06
signal [adc counts]

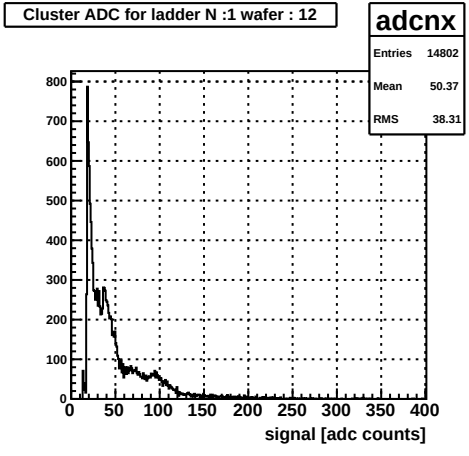

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 3206
Mean 34.05
RMS 40.58
signal [adc counts]

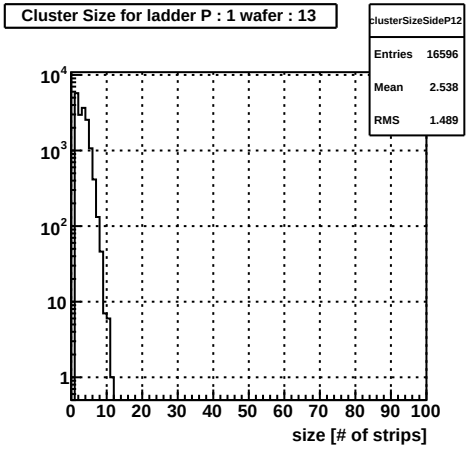

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2994
Mean 1.379
RMS 0.8455
size [# of strips]

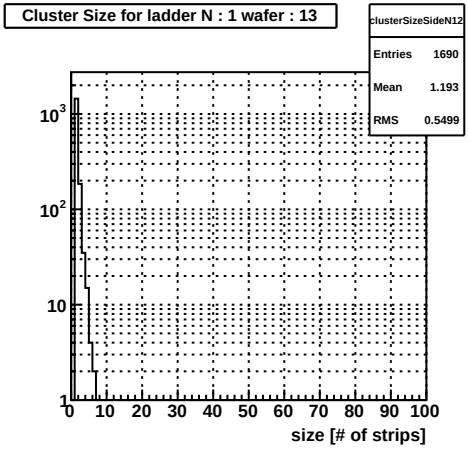

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 14802
Mean 1.625
RMS 1.297
size [# of strips]

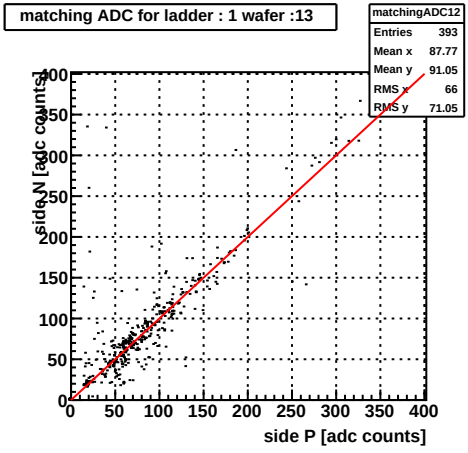

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 459
Mean x 65.49
Mean y 64.02
RMS x 53.92
RMS y 62.22
side N [adc counts]
side P [adc counts]

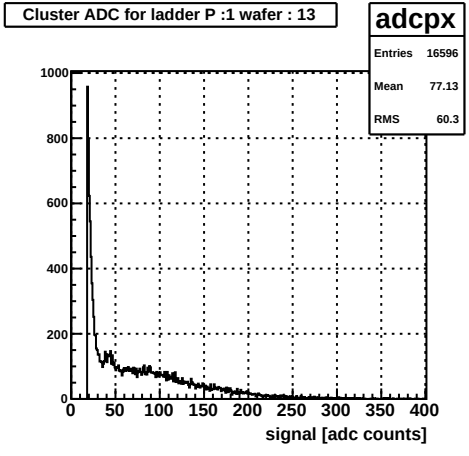

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2994
Mean 62.22
RMS 60.21
signal [adc counts]

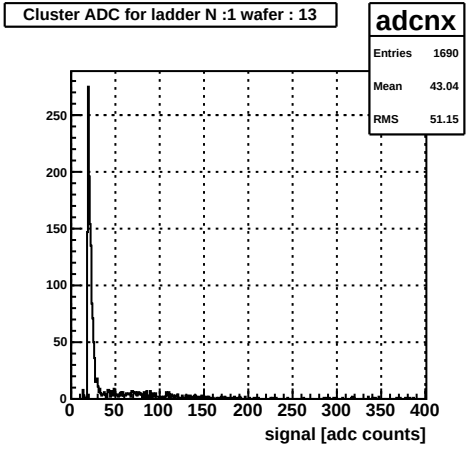

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 14802
Mean 50.37
RMS 38.31
signal [adc counts]

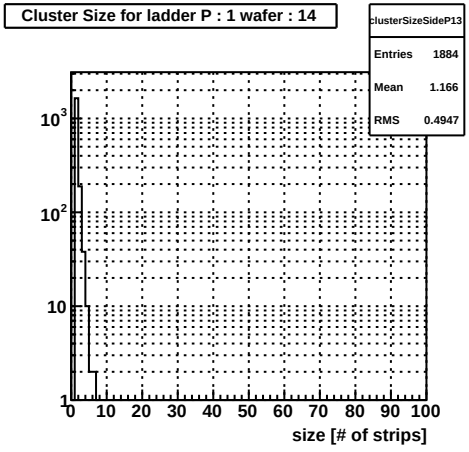

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 16596
Mean 2.538
RMS 1.489
size [# of strips]

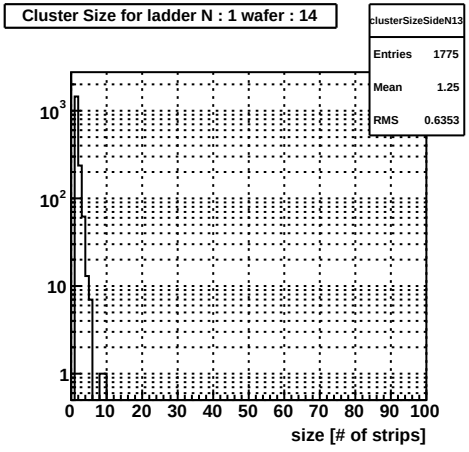

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1690
Mean 1.193
RMS 0.5499
size [# of strips]

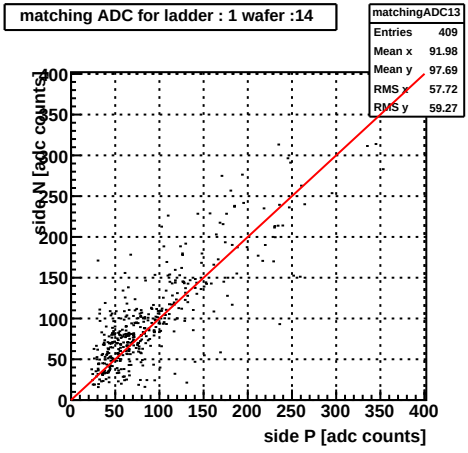

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 393
Mean x 87.77
Mean y 91.05
RMS x 66
RMS y 71.05
side N [adc counts]
side P [adc counts]

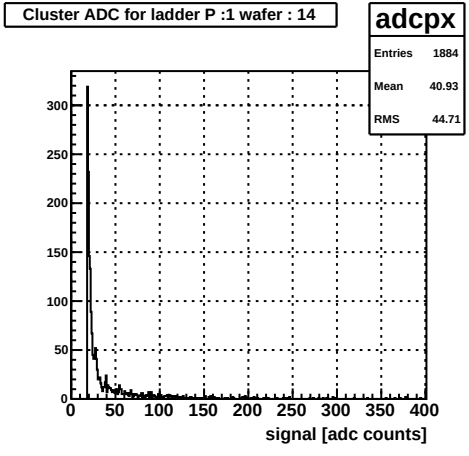

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 16596
Mean 77.13
RMS 60.3
signal [adc counts]

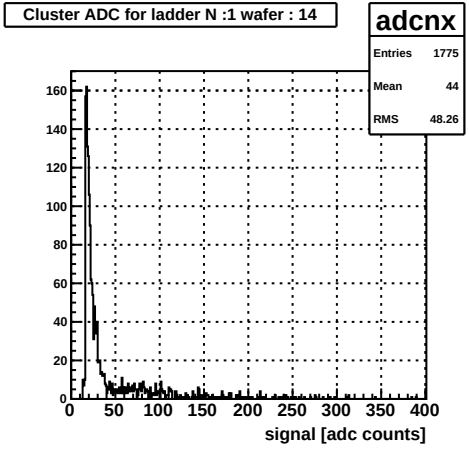

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1690
Mean 43.04
RMS 51.15
signal [adc counts]

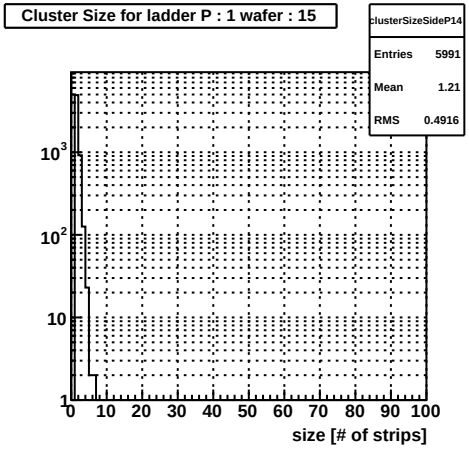

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 1884
Mean 1.166
RMS 0.4947
size [# of strips]

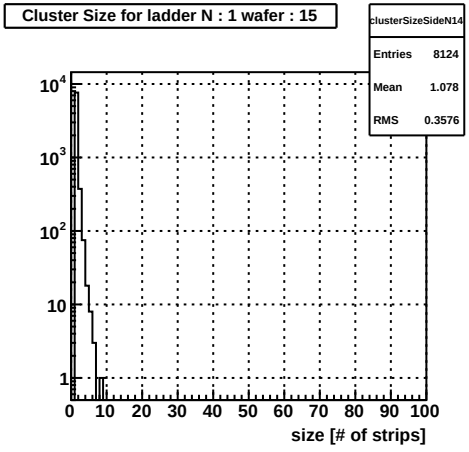

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 1775
Mean 1.25
RMS 0.6353
size [# of strips]

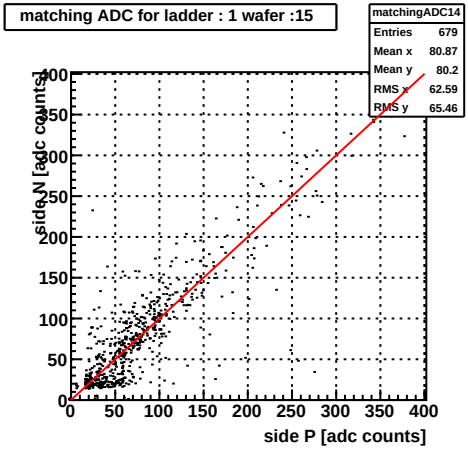

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 409
Mean x 91.98
Mean y 97.69
RMS x 57.72
RMS y 59.27
side N [adc counts]
side P [adc counts]

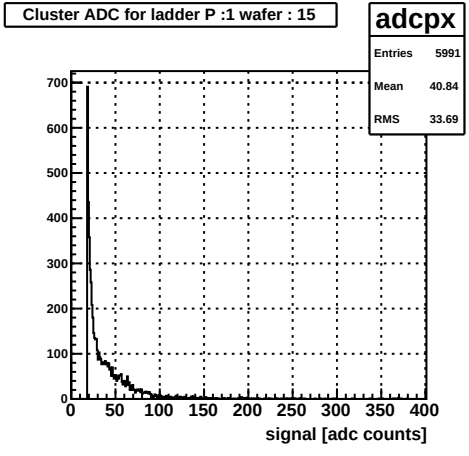

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 1884
Mean 40.93
RMS 44.71
signal [adc counts]

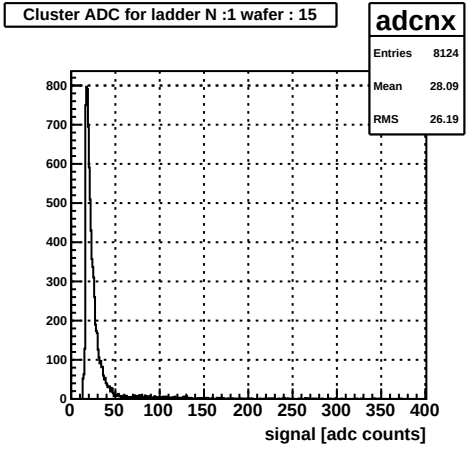

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 1775
Mean 44
RMS 48.26
signal [adc counts]

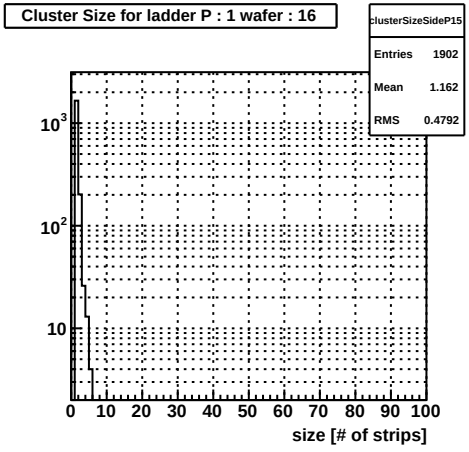

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 5991
Mean 1.21
RMS 0.4916
size [# of strips]

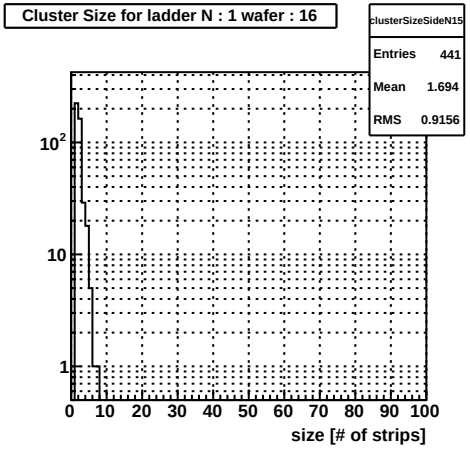

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 8124
Mean 1.078
RMS 0.3576
size [# of strips]

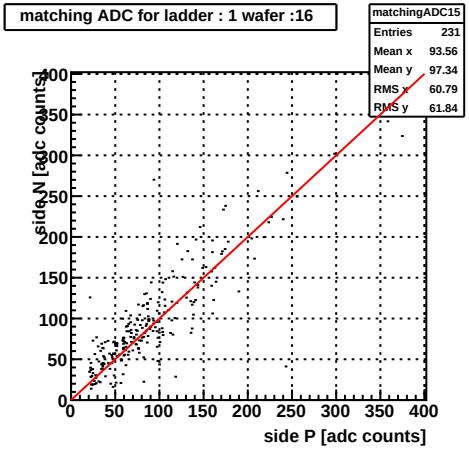

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 679
Mean x 80.87
Mean y 80.2
RMS x 62.59
RMS y 65.46
side N [adc counts]
side P [adc counts]

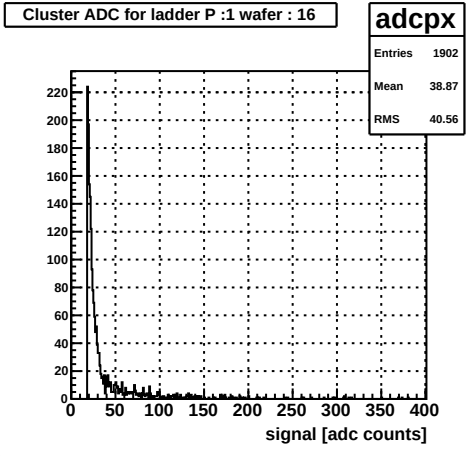

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 5991
Mean 40.84
RMS 33.69
signal [adc counts]

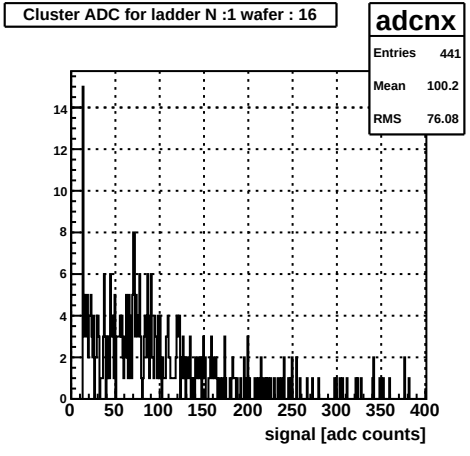

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 8124
Mean 28.09
RMS 26.19
signal [adc counts]

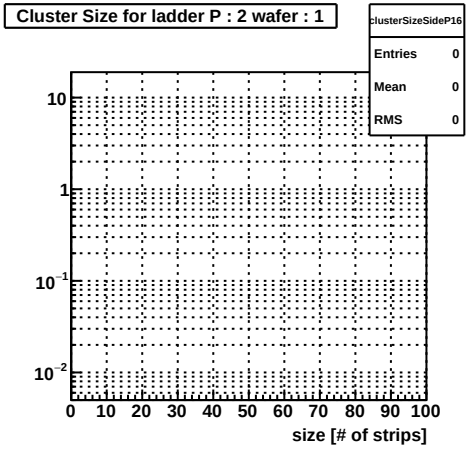

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 1902
Mean 1.162
RMS 0.4792
size [# of strips]

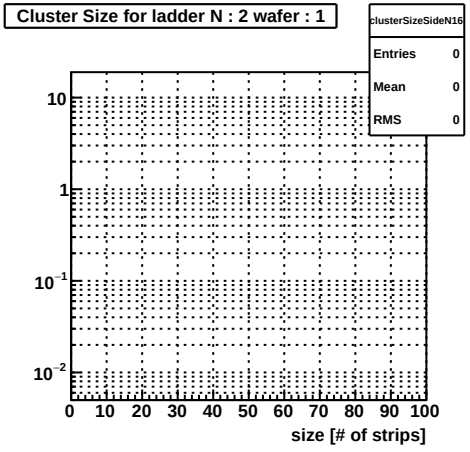

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 441
Mean 1.694
RMS 0.9156
size [# of strips]

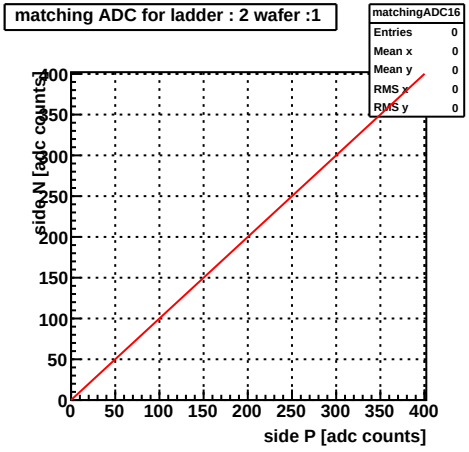

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 231
Mean x 93.56
Mean y 97.34
RMS x 60.79
RMS y 61.84
side N [adc counts]
side P [adc counts]

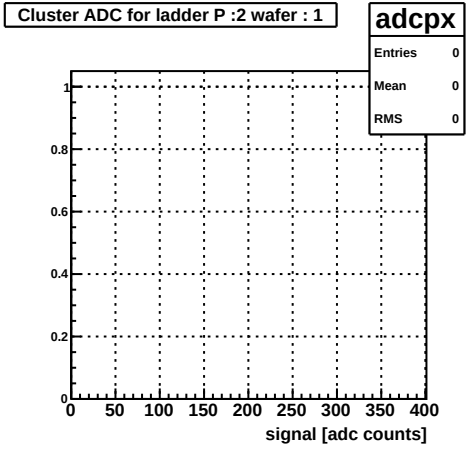

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 1902
Mean 38.87
RMS 40.56
signal [adc counts]

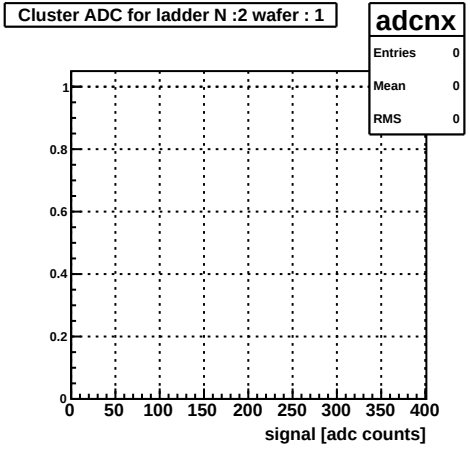

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 441
Mean 100.2
RMS 76.08
signal [adc counts]

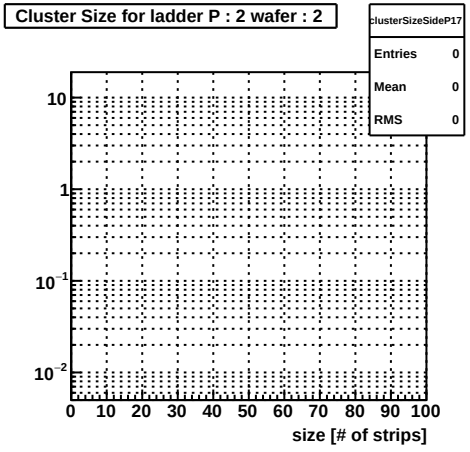

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

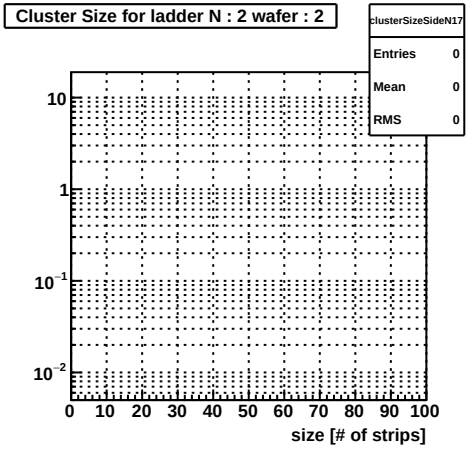

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

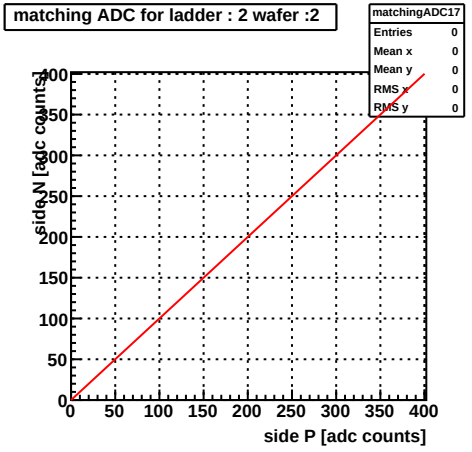

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

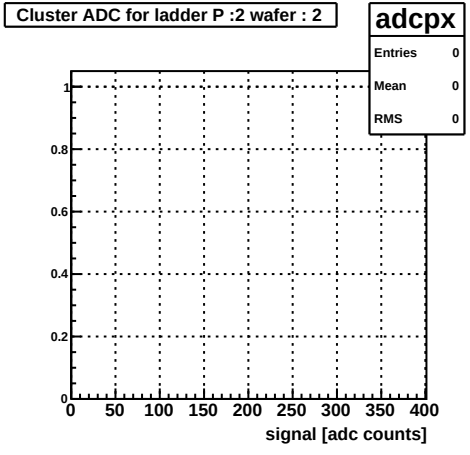

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

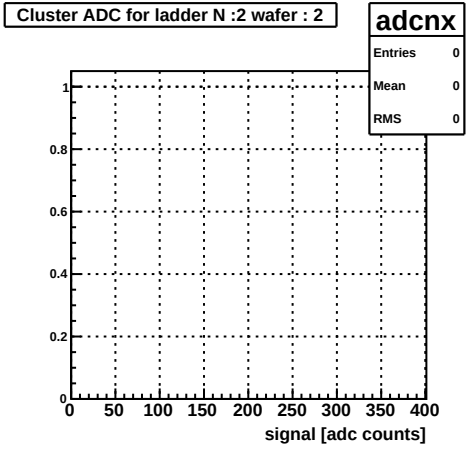

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

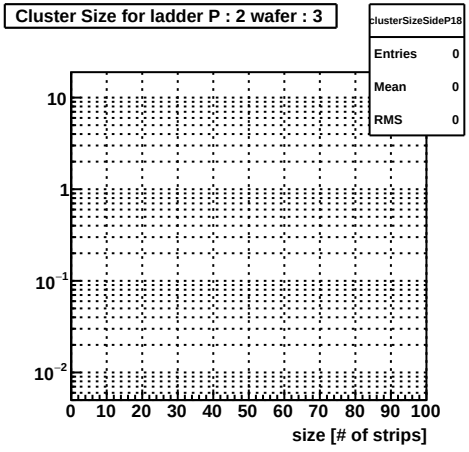

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

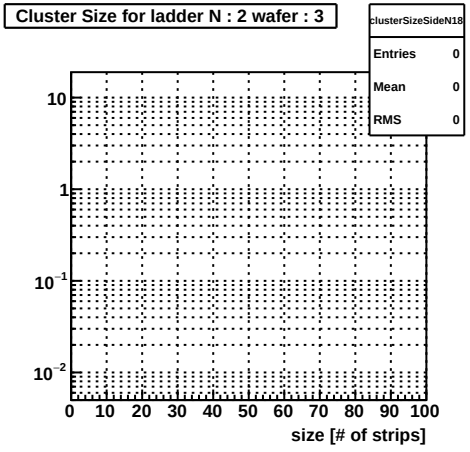

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

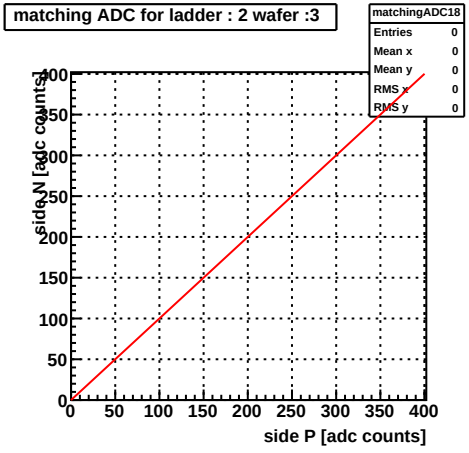

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

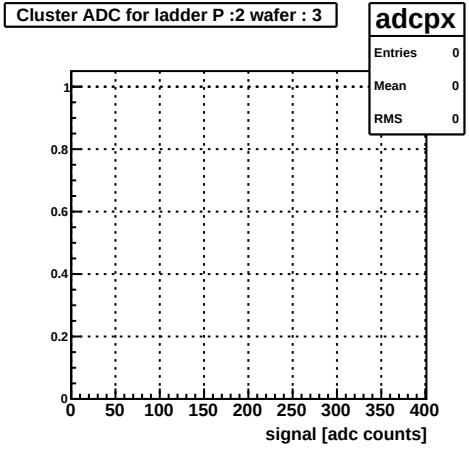

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

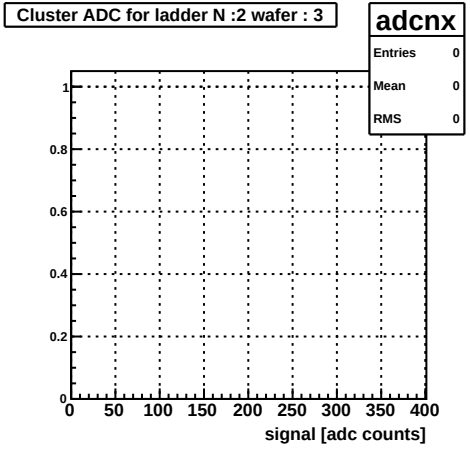

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

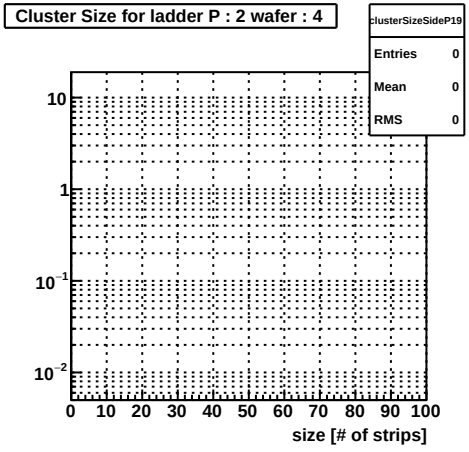

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

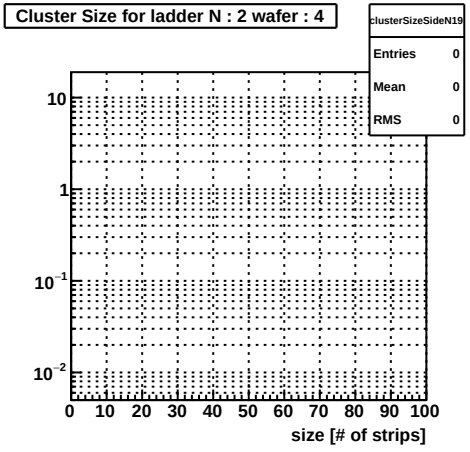

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

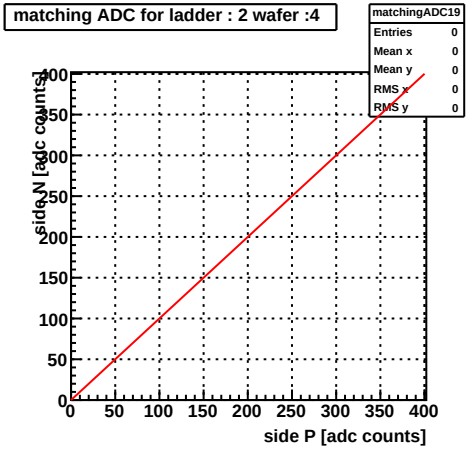

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

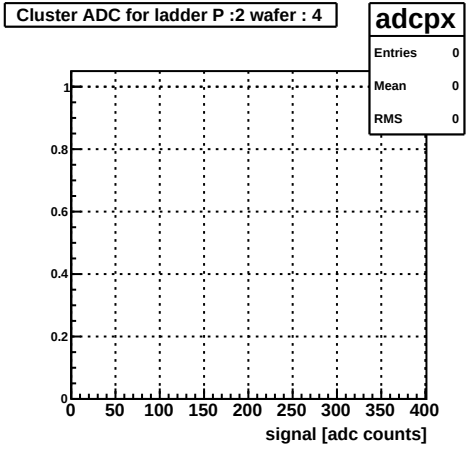

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

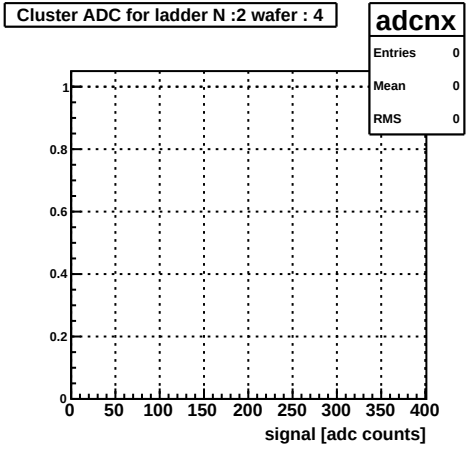

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

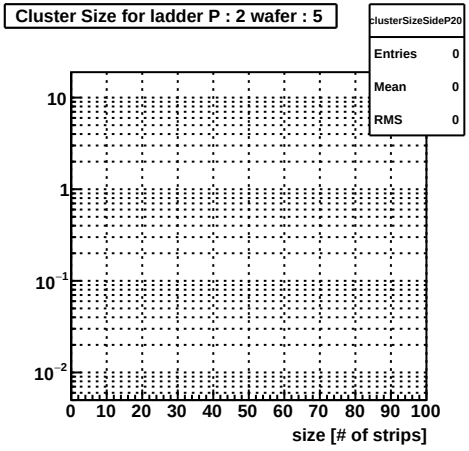

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

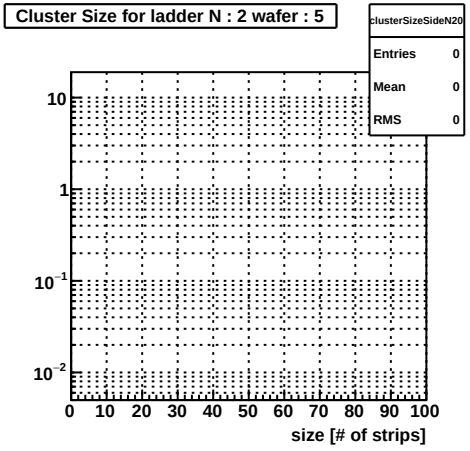

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

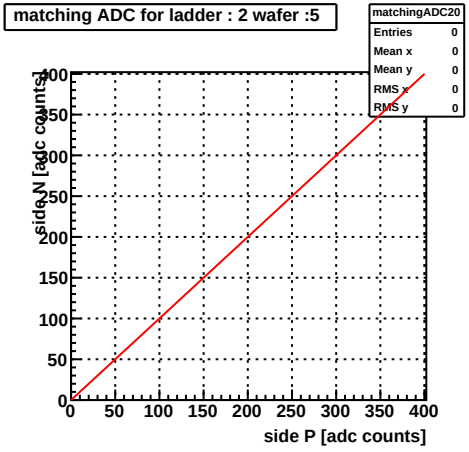

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

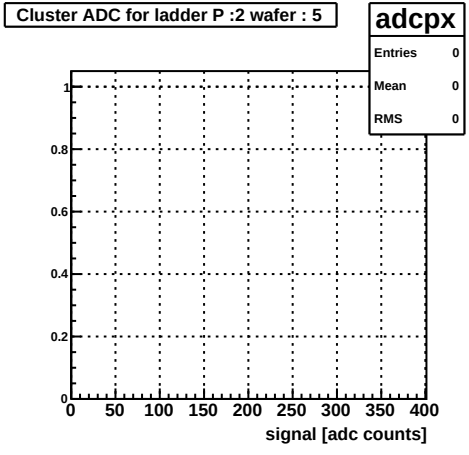

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

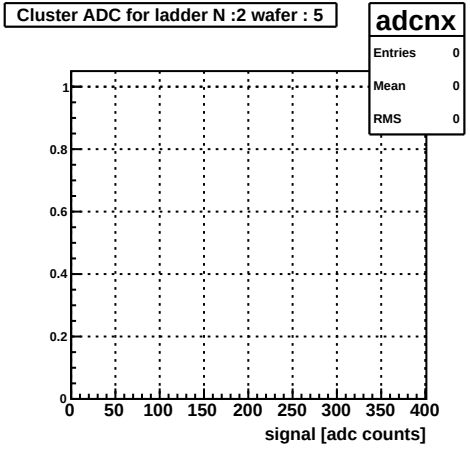

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

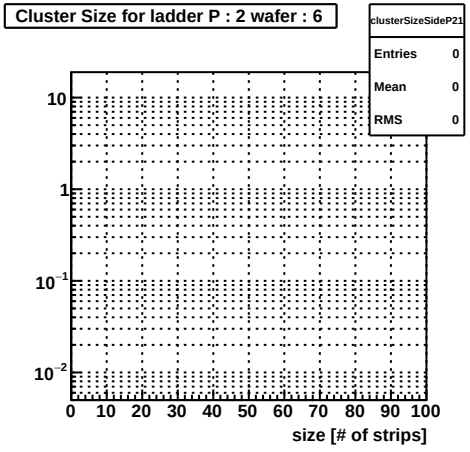

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

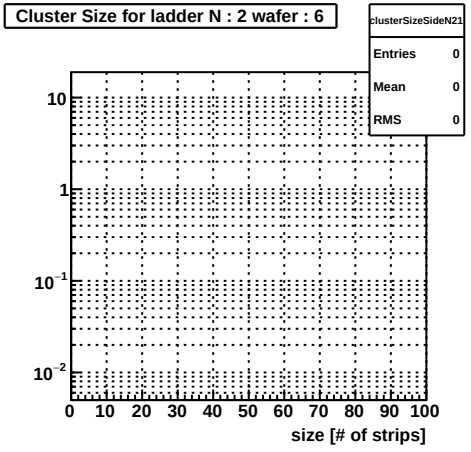

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

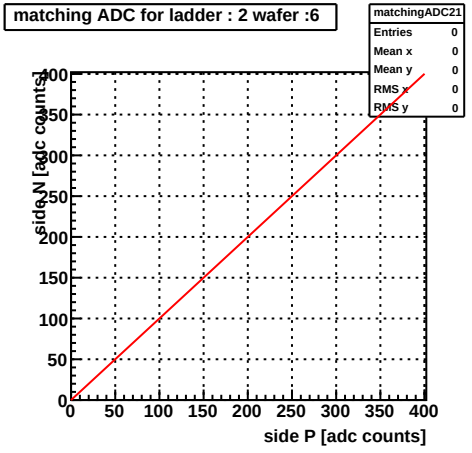

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

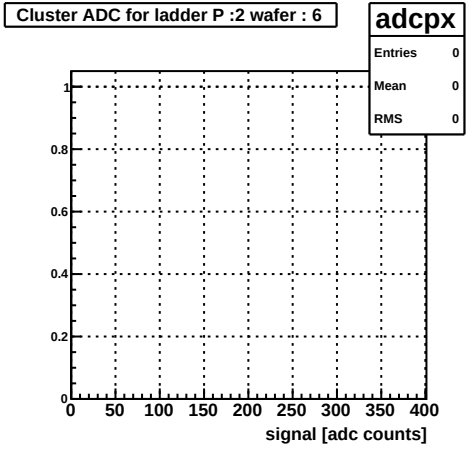

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

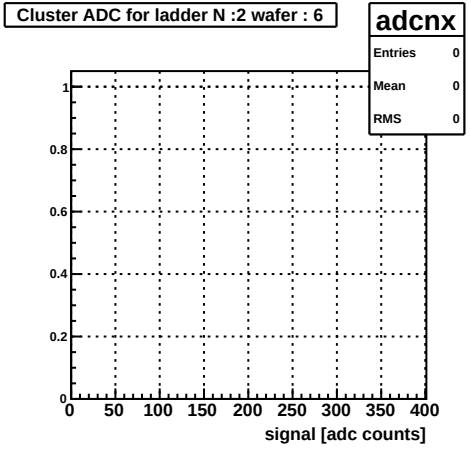

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

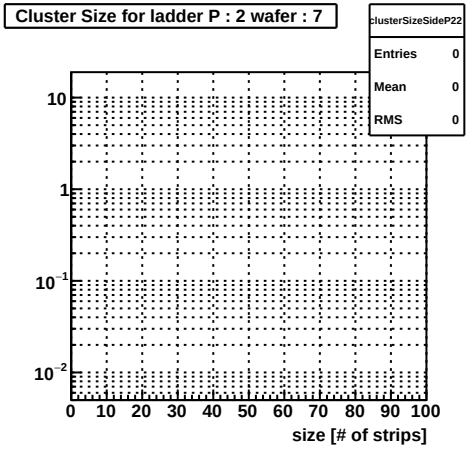

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

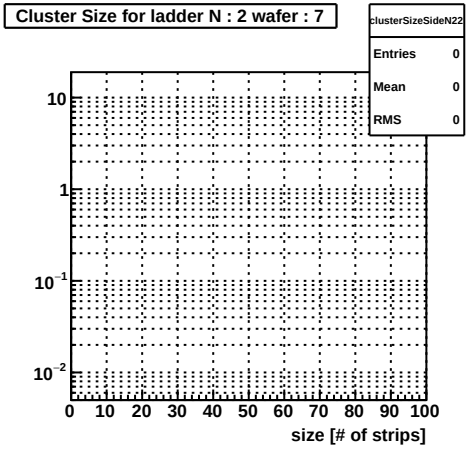

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

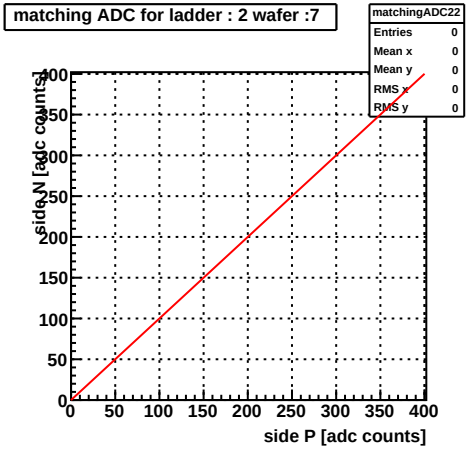

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

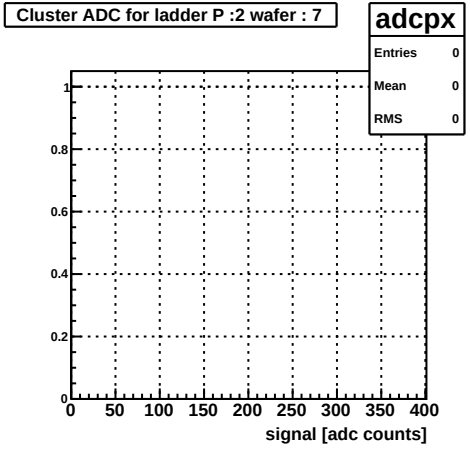

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

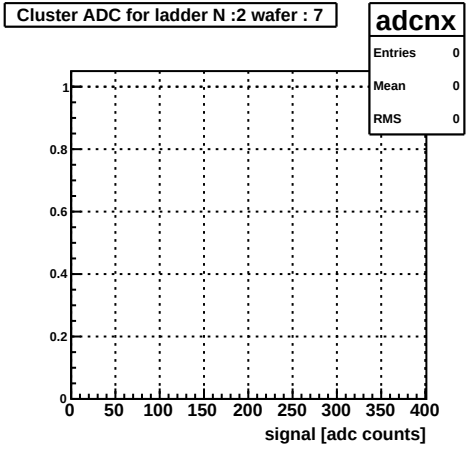

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

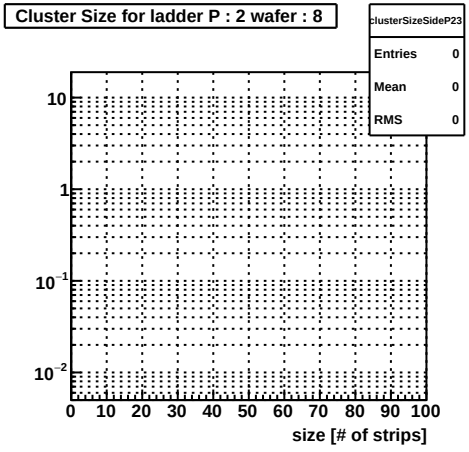

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

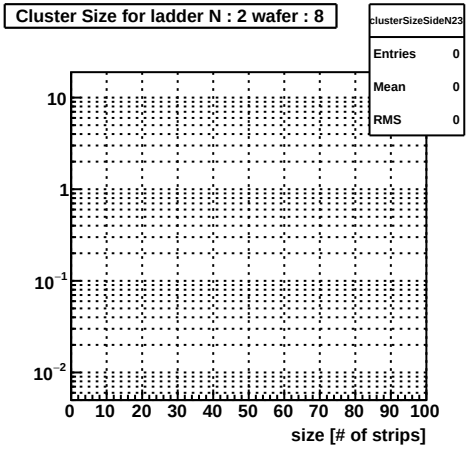

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

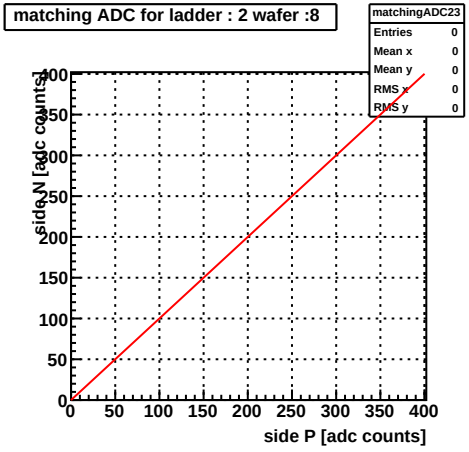

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

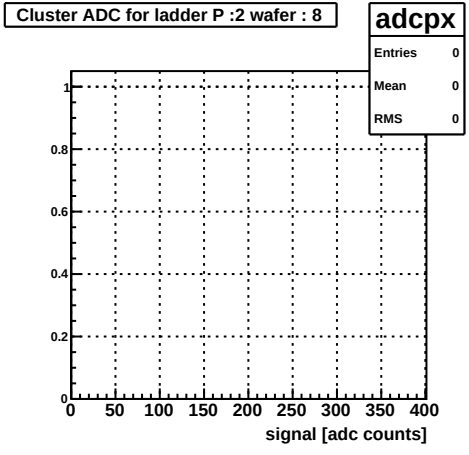

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

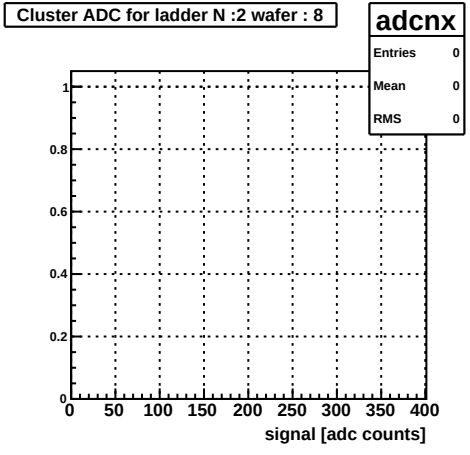

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

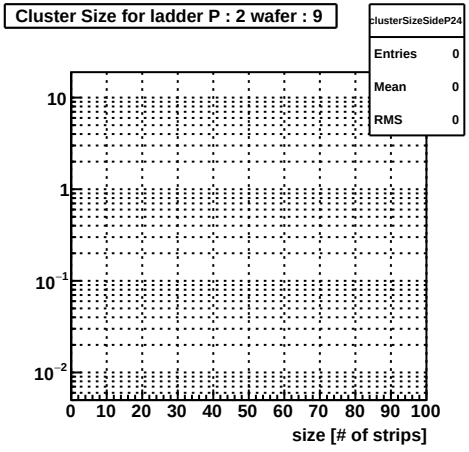

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

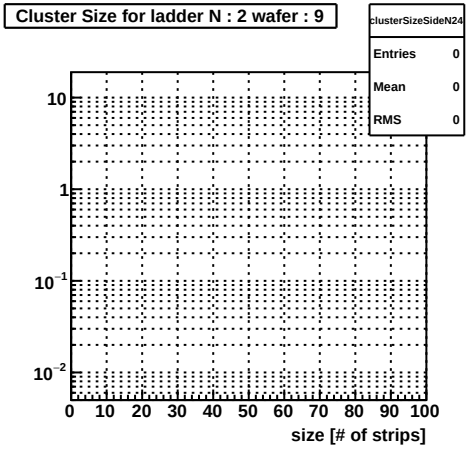

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

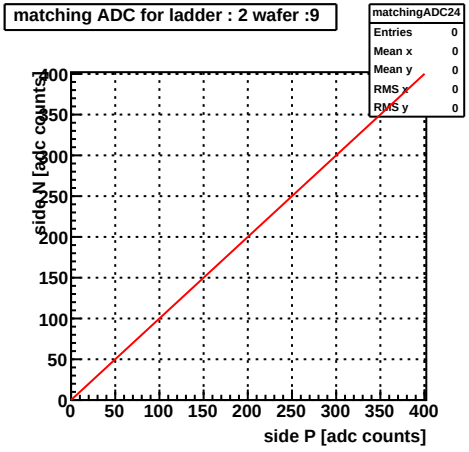

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

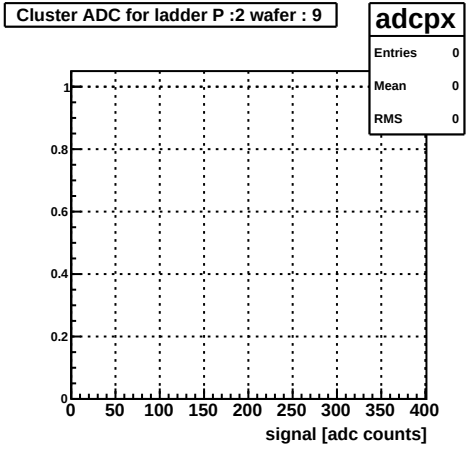

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

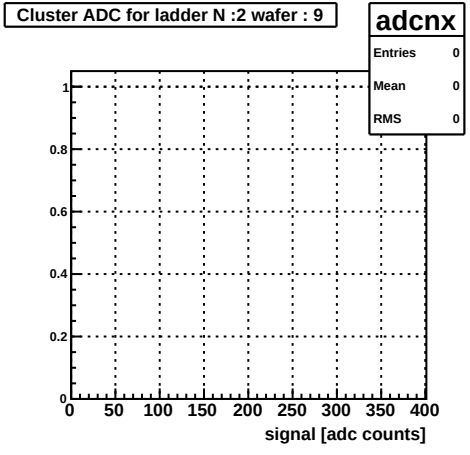

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

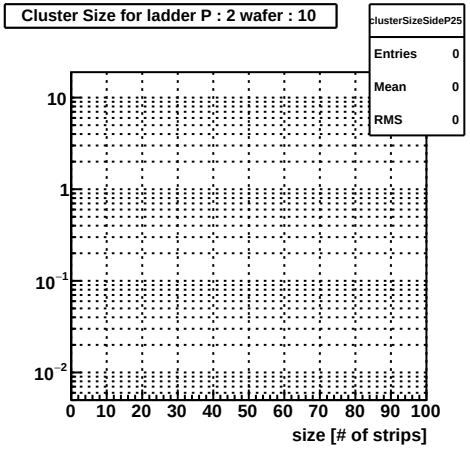

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

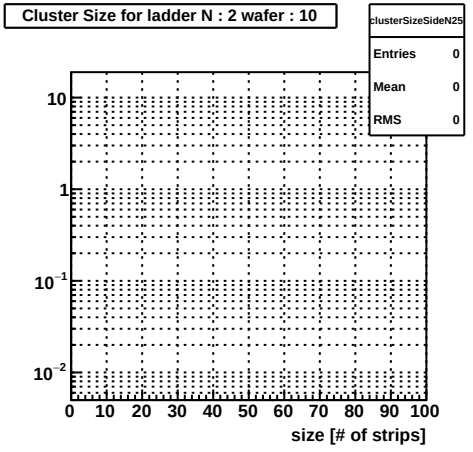

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

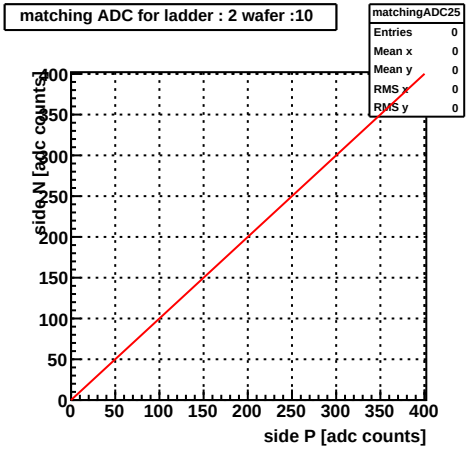

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

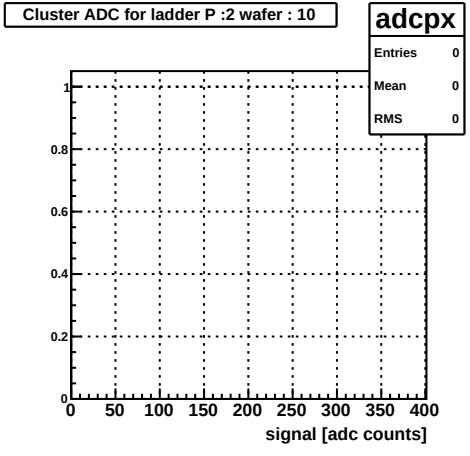

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

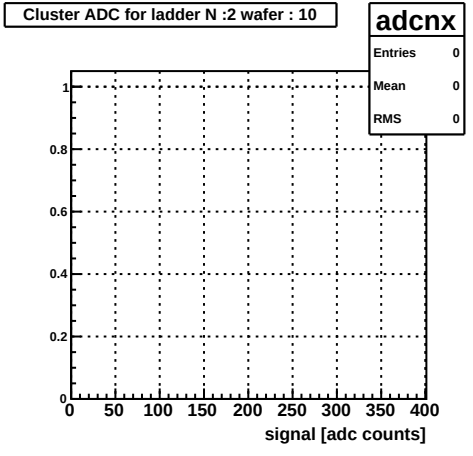

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

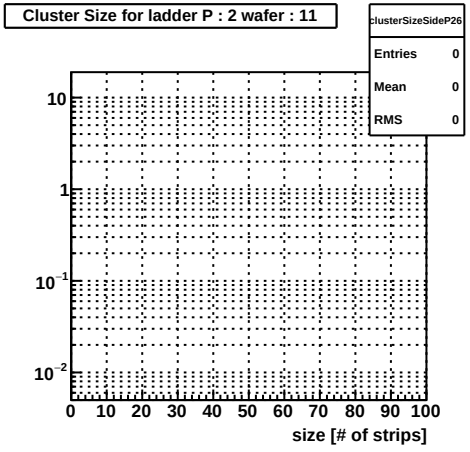

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

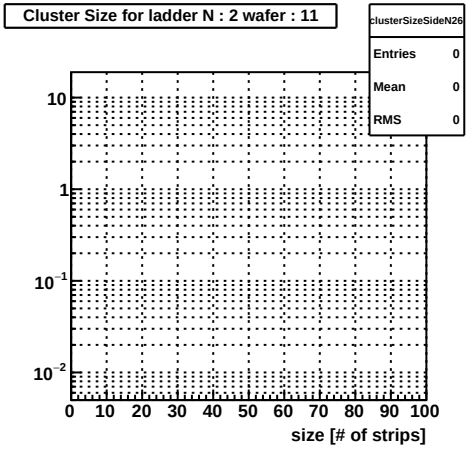

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

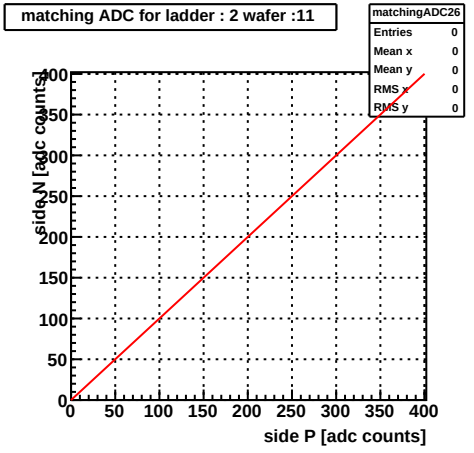

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

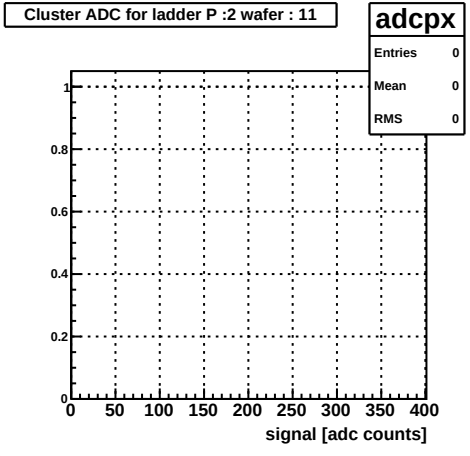

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

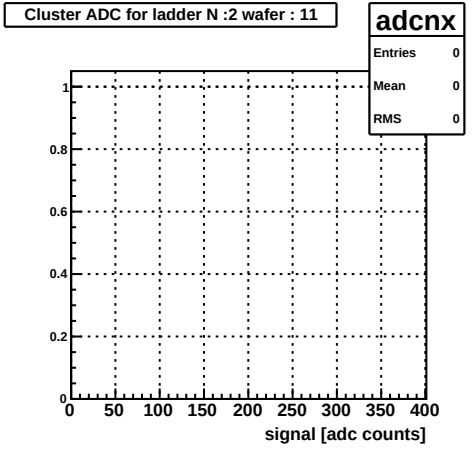

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

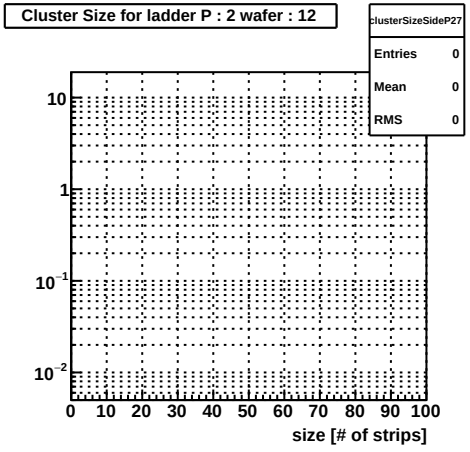

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

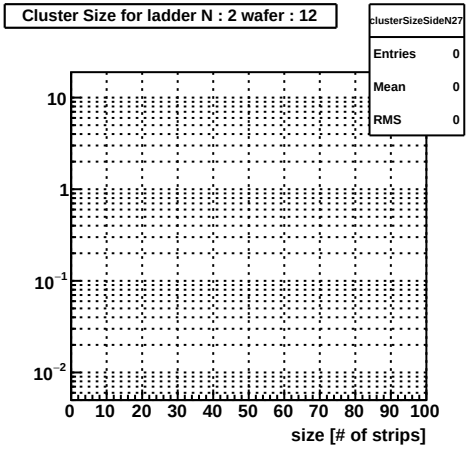

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

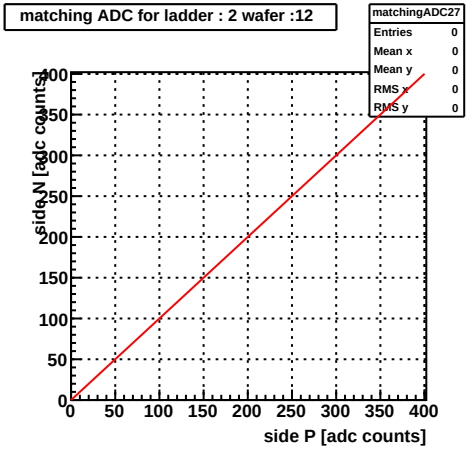

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

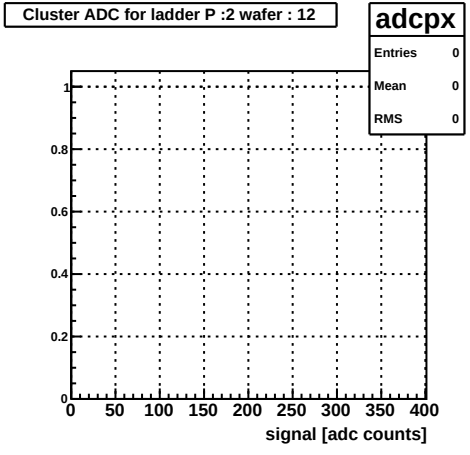

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

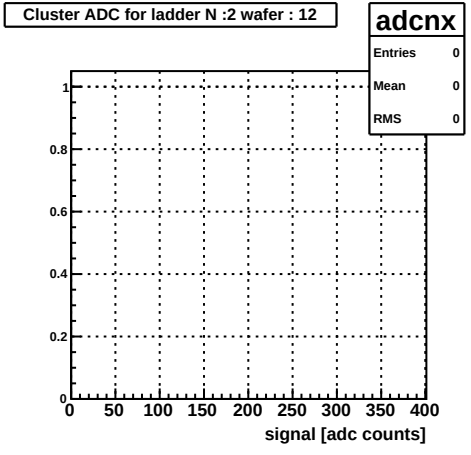

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

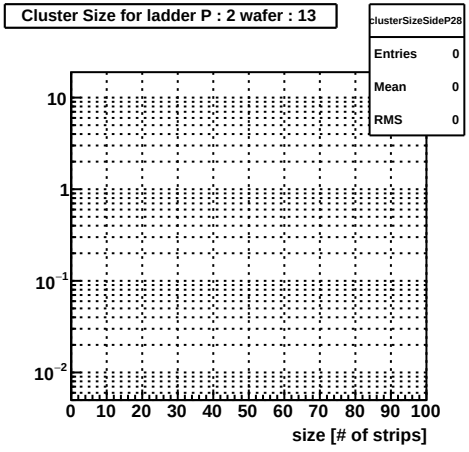

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

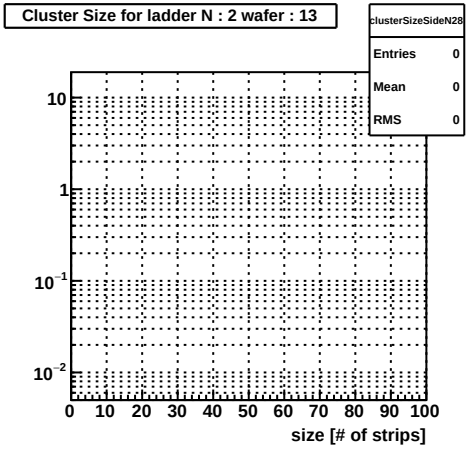

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

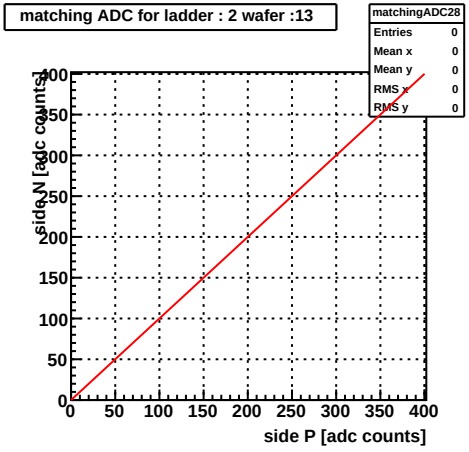

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

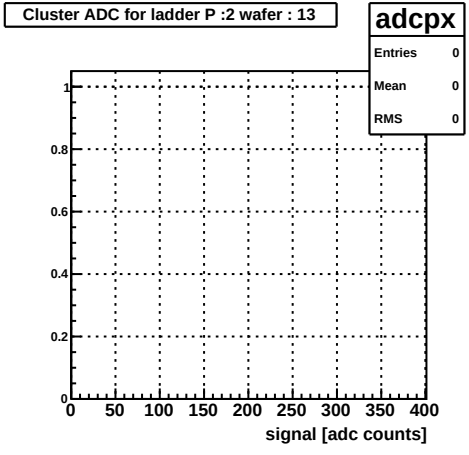

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

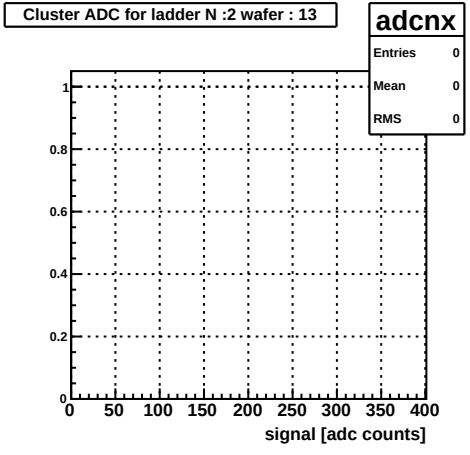

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

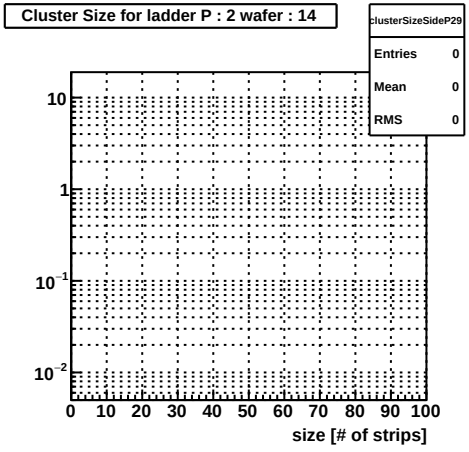

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

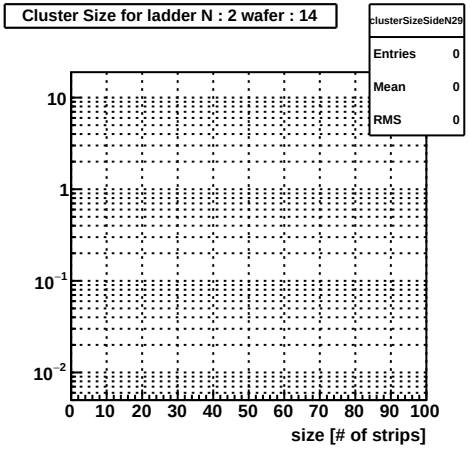

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

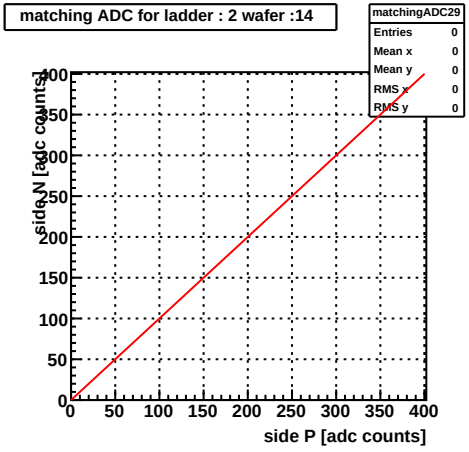

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

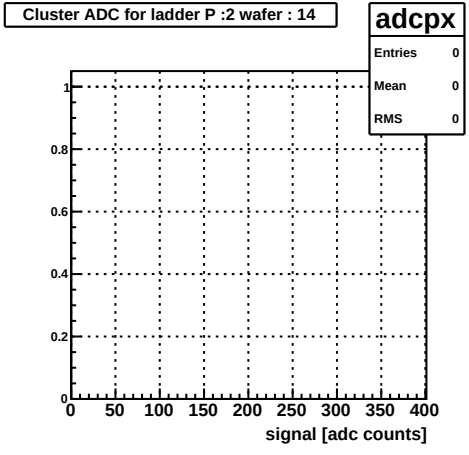

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

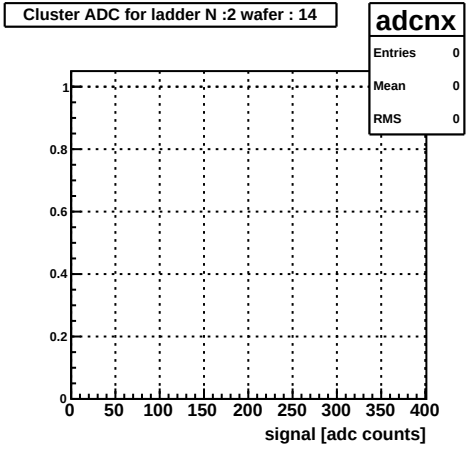

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

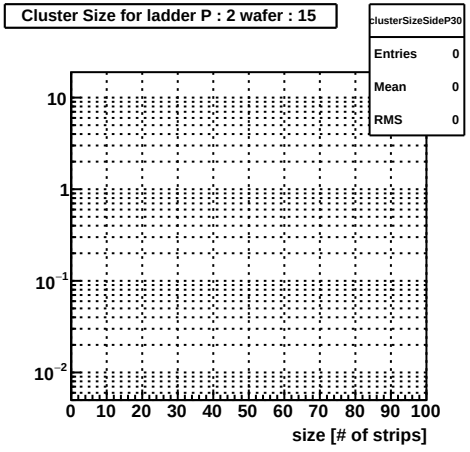

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

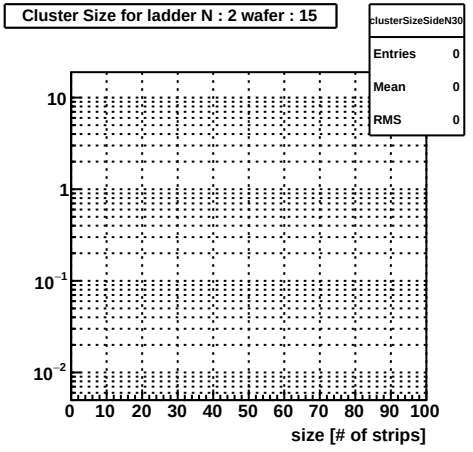

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

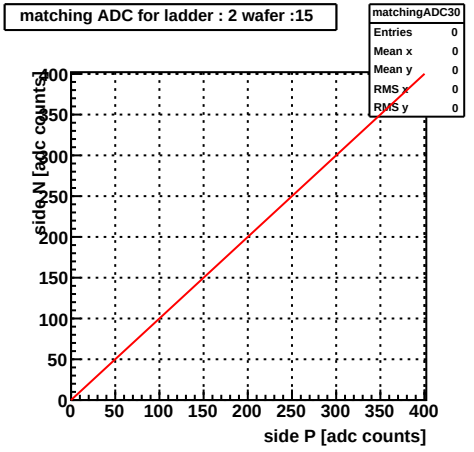

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

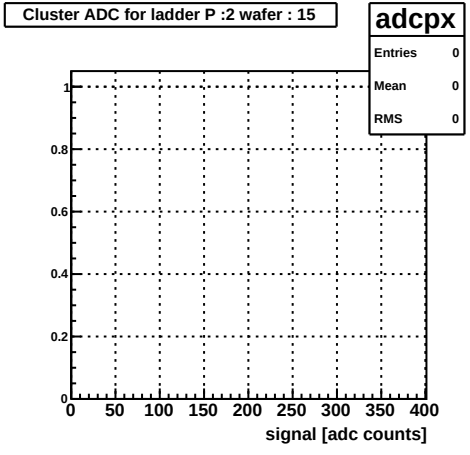

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

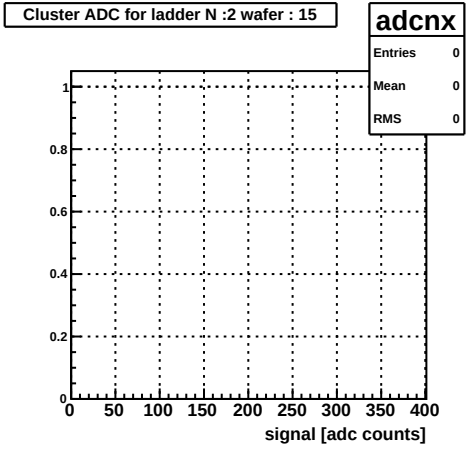

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

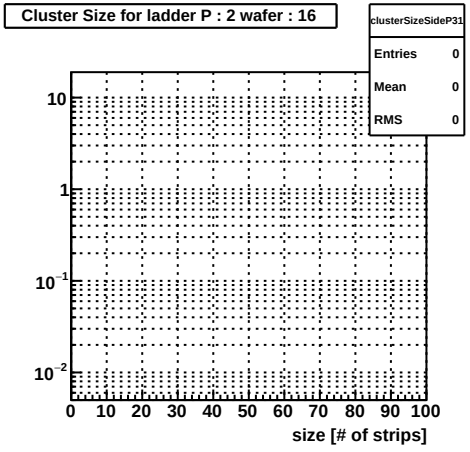

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

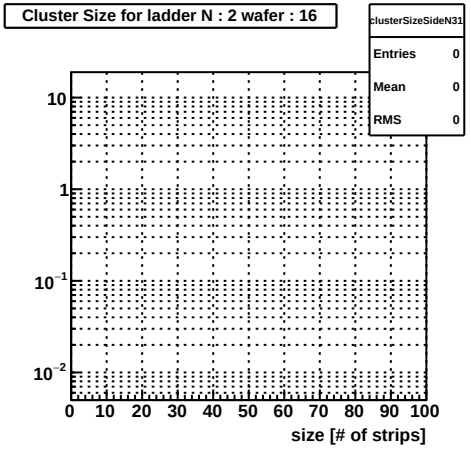

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

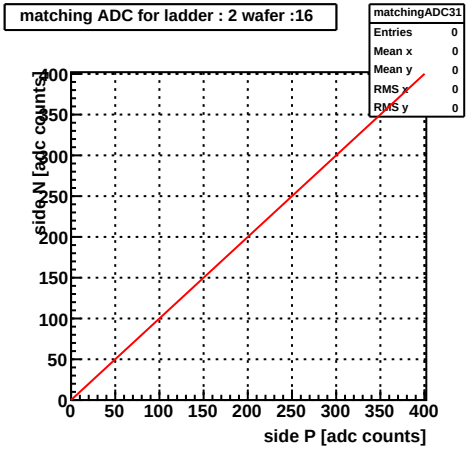

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

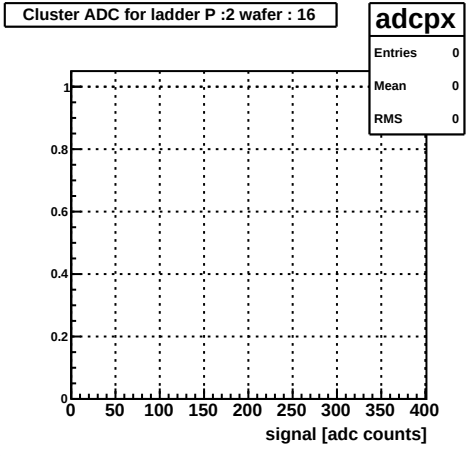

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

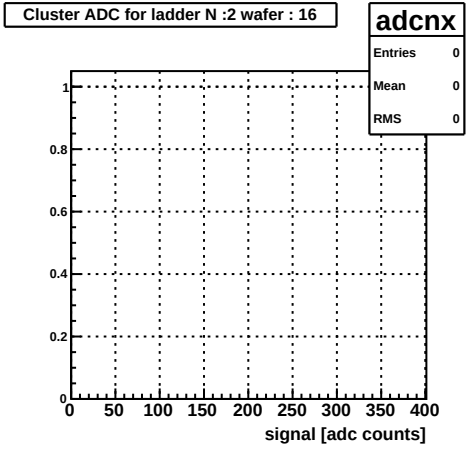

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

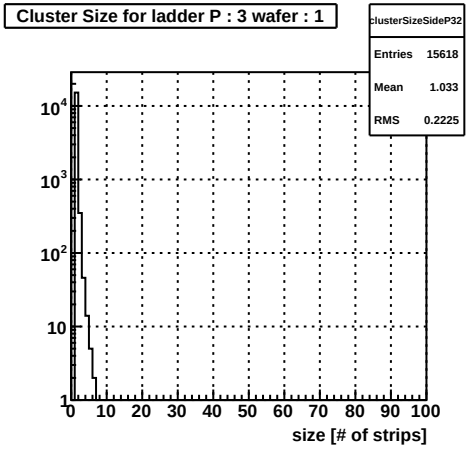

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

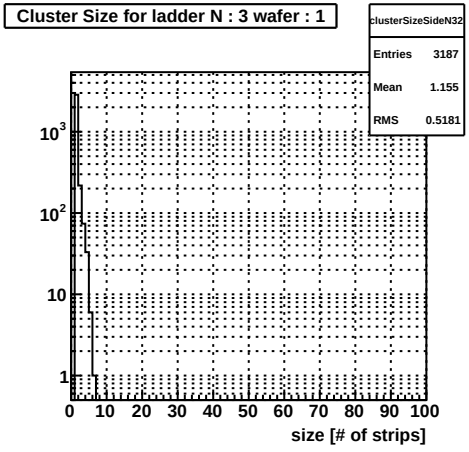

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

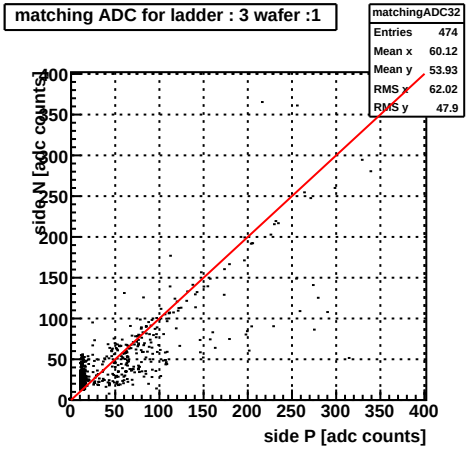

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

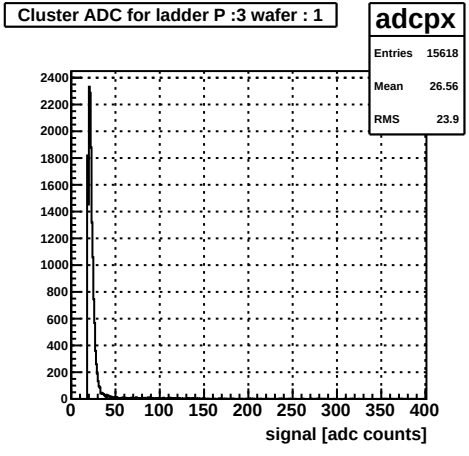

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

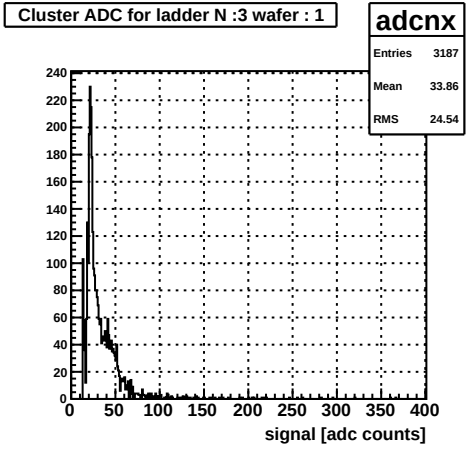

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

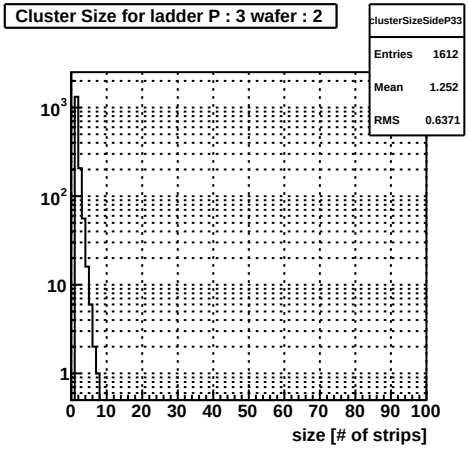

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 15618
Mean 1.033
RMS 0.2225
size [# of strips]

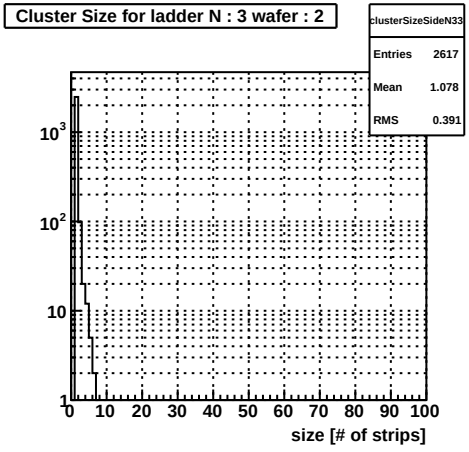

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 3187
Mean 1.155
RMS 0.5181
size [# of strips]

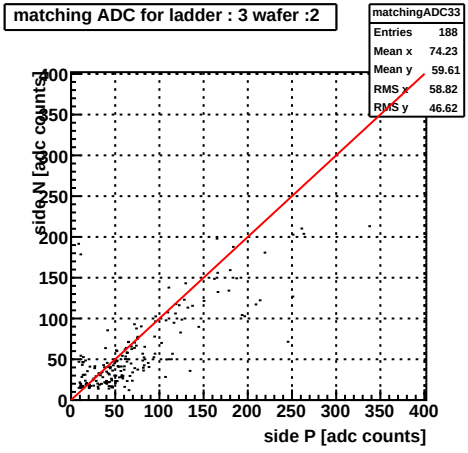

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 474
Mean x 60.12
Mean y 53.93
RMS x 62.02
RMS y 47.9
side N [adc counts]
side P [adc counts]

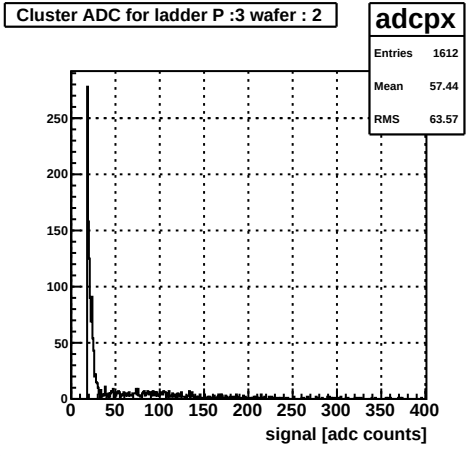

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 15618
Mean 26.56
RMS 23.9
signal [adc counts]

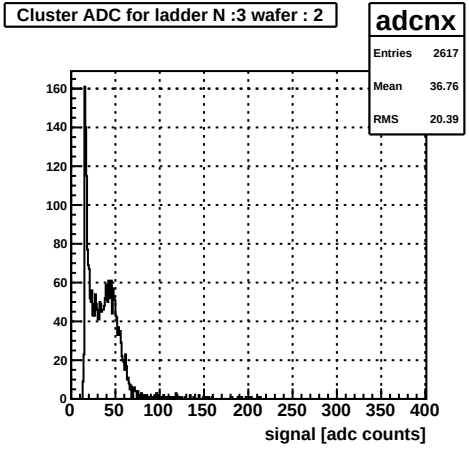

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 3187
Mean 33.86
RMS 24.54
signal [adc counts]

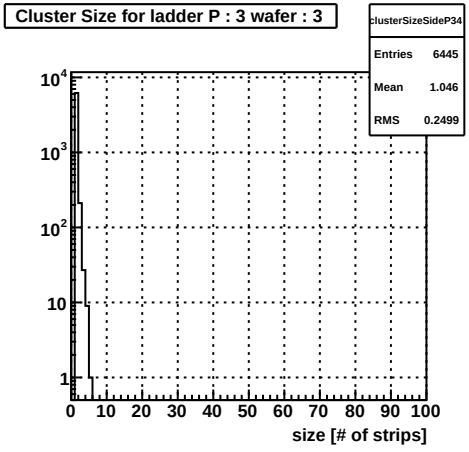

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 1612
Mean 1.252
RMS 0.6371
size [# of strips]

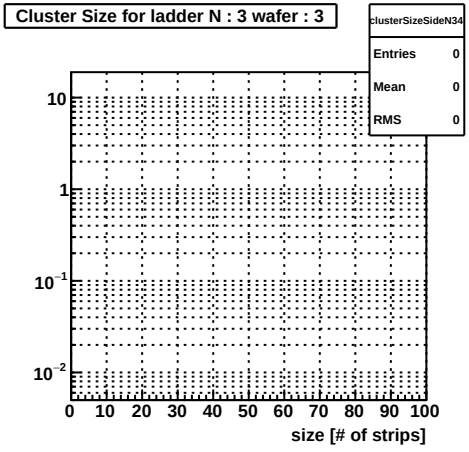

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 2617
Mean 1.078
RMS 0.391
size [# of strips]

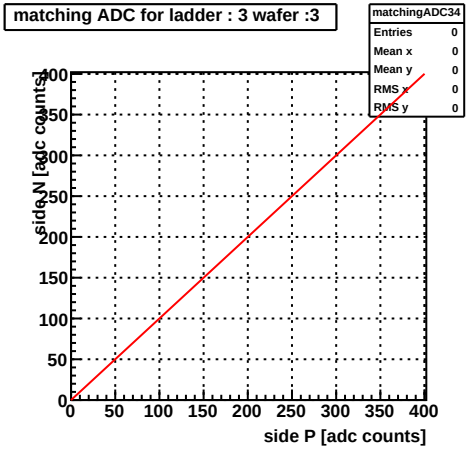

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 188
Mean x 74.23
Mean y 59.61
RMS x 58.82
RMS y 46.62
side N [adc counts]
side P [adc counts]

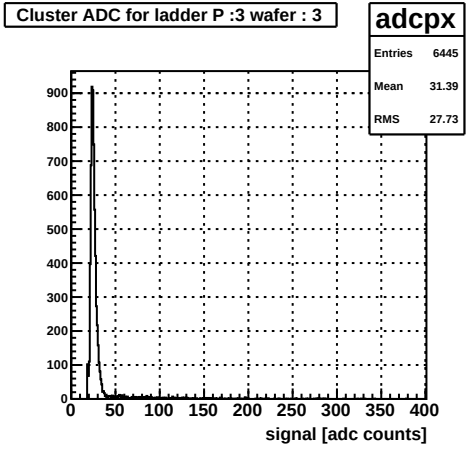

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 1612
Mean 57.44
RMS 63.57
signal [adc counts]

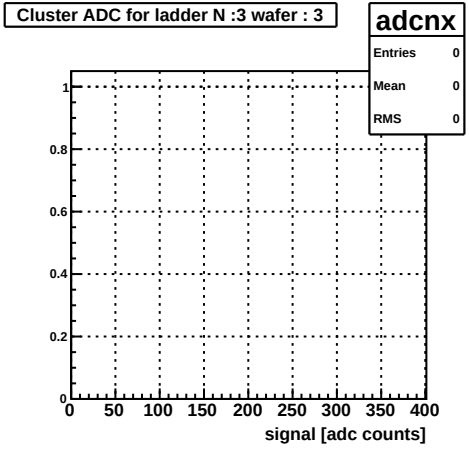

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 2617
Mean 36.76
RMS 20.39
signal [adc counts]

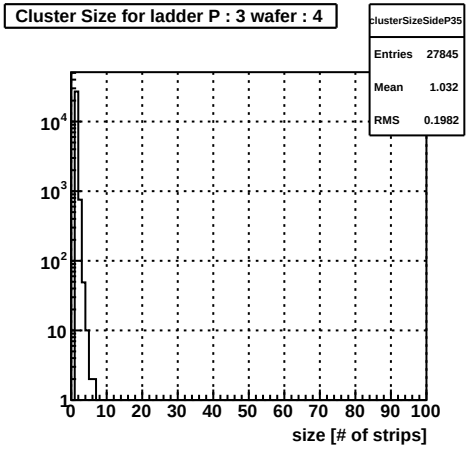

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 6445
Mean 1.046
RMS 0.2499
size [# of strips]

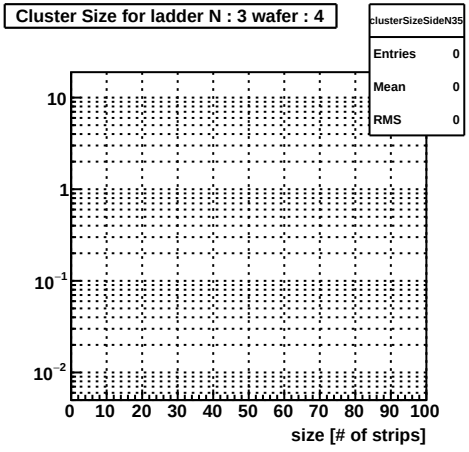

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

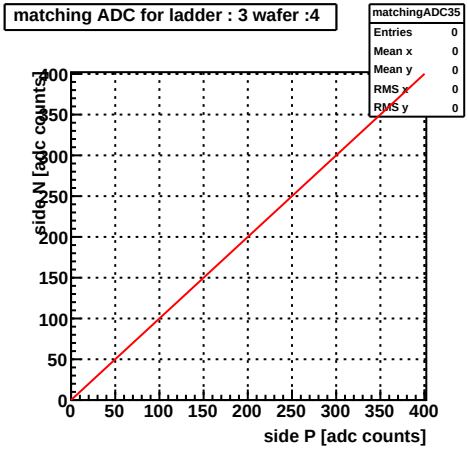

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

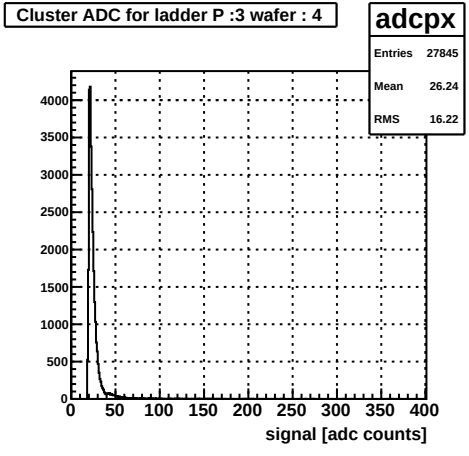

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 6445
Mean 31.39
RMS 27.73
signal [adc counts]

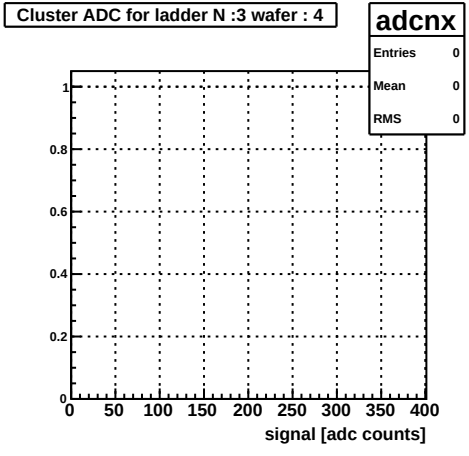

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

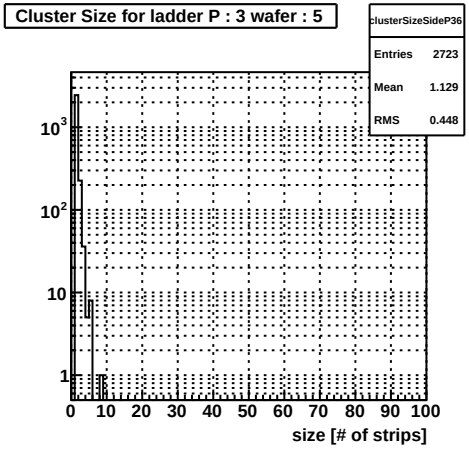

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 27845
Mean 1.032
RMS 0.1982
size [# of strips]

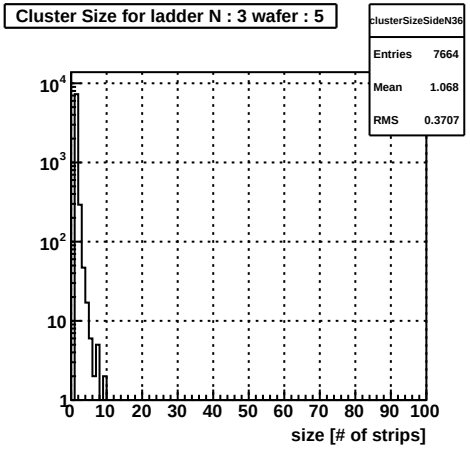

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

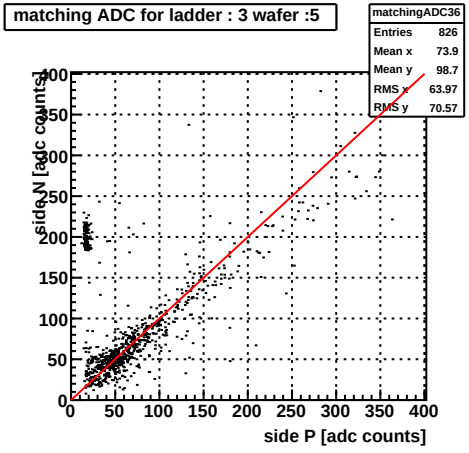

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

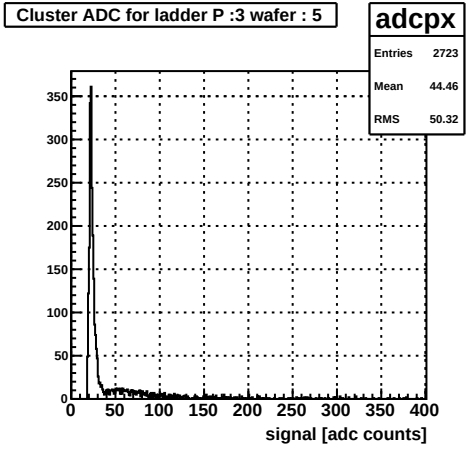

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 27845
Mean 26.24
RMS 16.22
signal [adc counts]

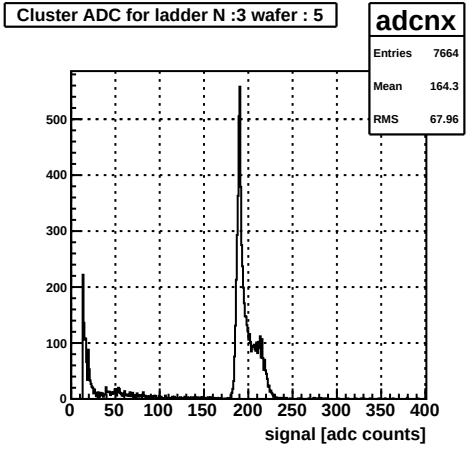

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

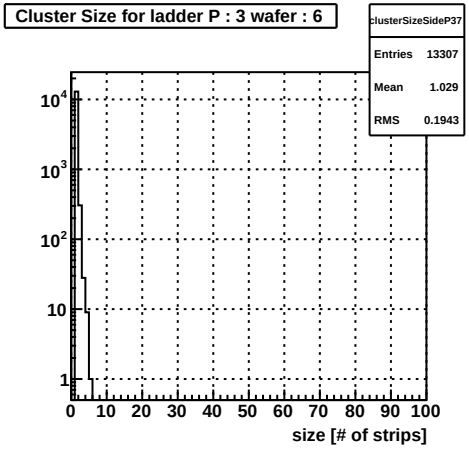

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 2723
Mean 1.129
RMS 0.448
size [# of strips]

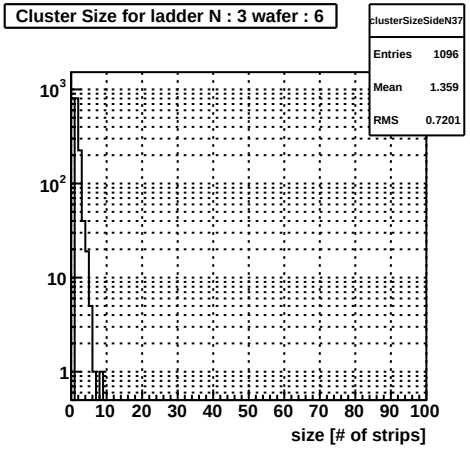

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 7664
Mean 1.068
RMS 0.3707
size [# of strips]

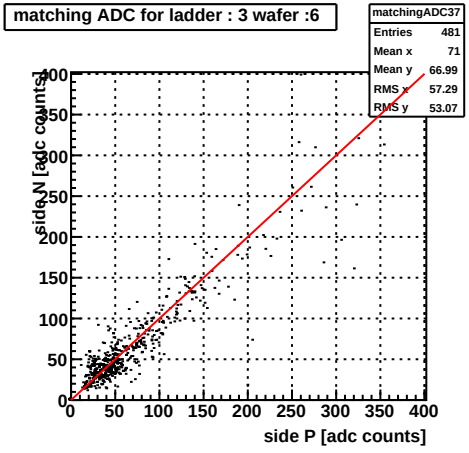

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 826
Mean x 73.9
Mean y 98.7
RMS x 63.97
RMS y 70.57
side N [adc counts]
side P [adc counts]

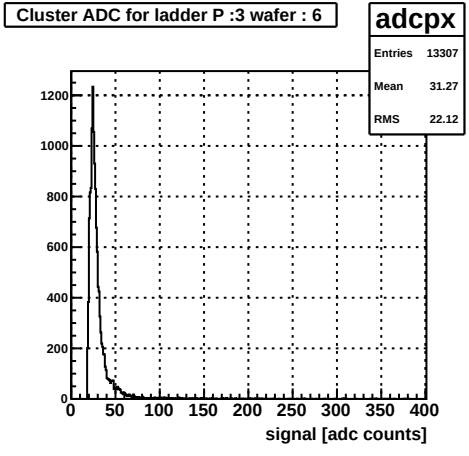

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 2723
Mean 44.46
RMS 50.32
signal [adc counts]

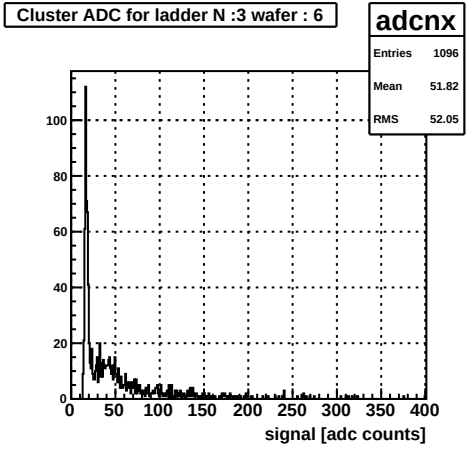

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 7664
Mean 164.3
RMS 67.96
signal [adc counts]

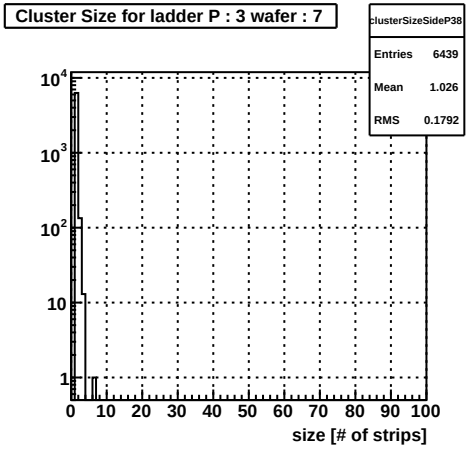

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 13307
Mean 1.029
RMS 0.1943
size [# of strips]

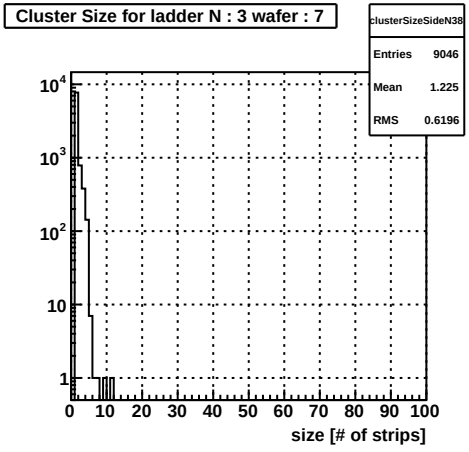

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 1096
Mean 1.359
RMS 0.7201
size [# of strips]

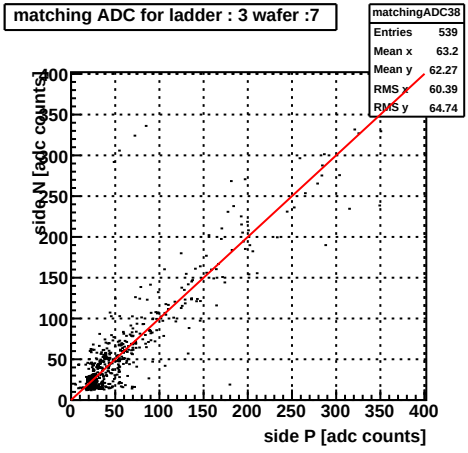

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 481
Mean x 71
Mean y 66.99
RMS x 57.29
RMS y 53.07
side N [adc counts]
side P [adc counts]

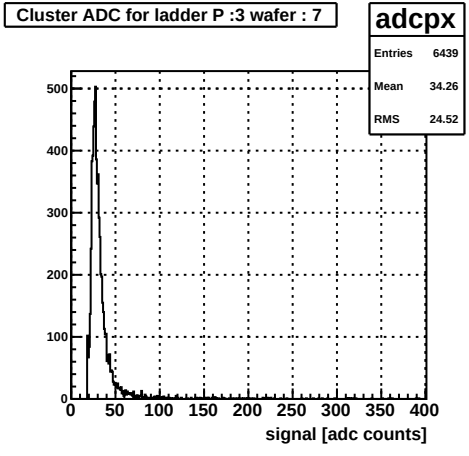

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 13307
Mean 31.27
RMS 22.12
signal [adc counts]

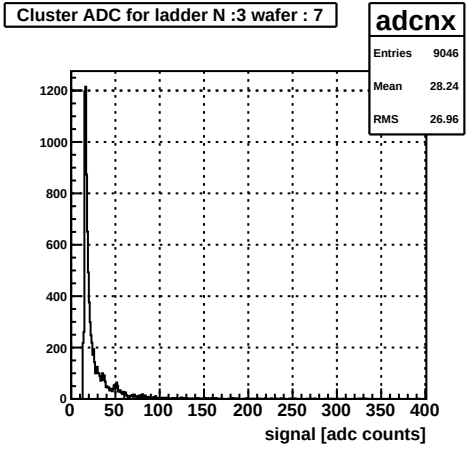

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 1096
Mean 51.82
RMS 52.05
signal [adc counts]

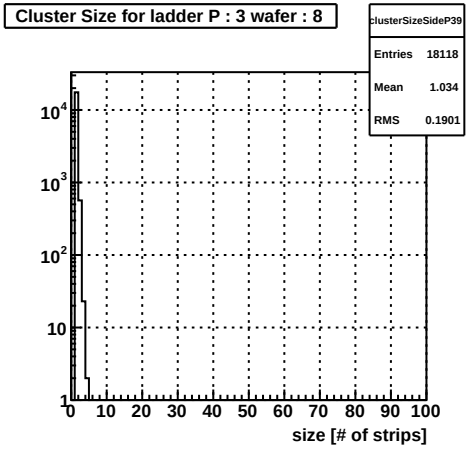

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 6439
Mean 1.026
RMS 0.1792
size [# of strips]

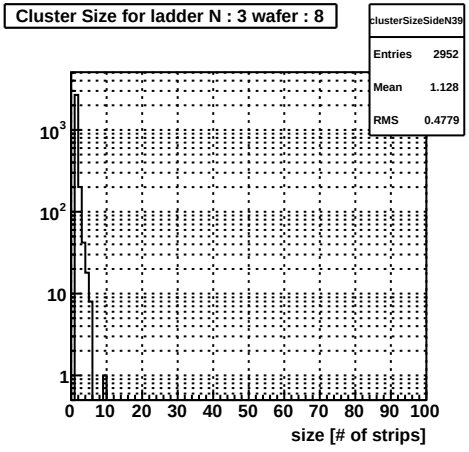

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 9046
Mean 1.225
RMS 0.6196
size [# of strips]

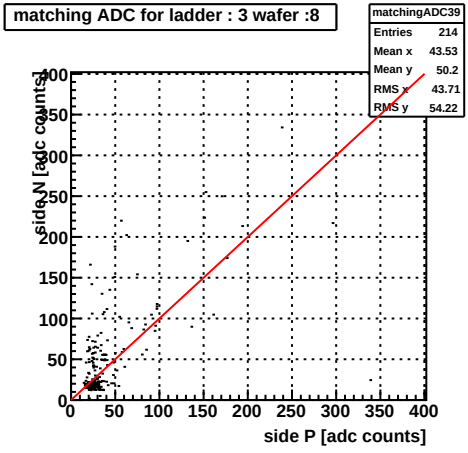

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 539
Mean x 63.2
Mean y 62.27
RMS x 60.39
RMS y 64.74
side N [adc counts]
side P [adc counts]

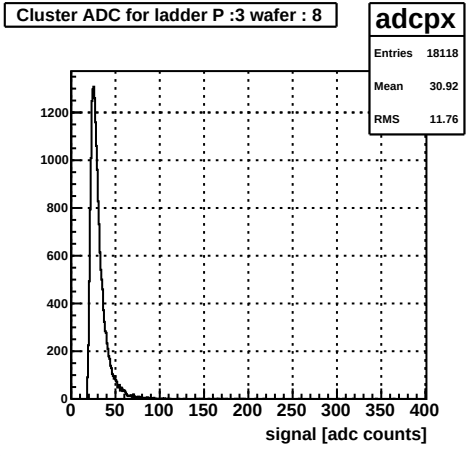

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 6439
Mean 34.26
RMS 24.52
signal [adc counts]

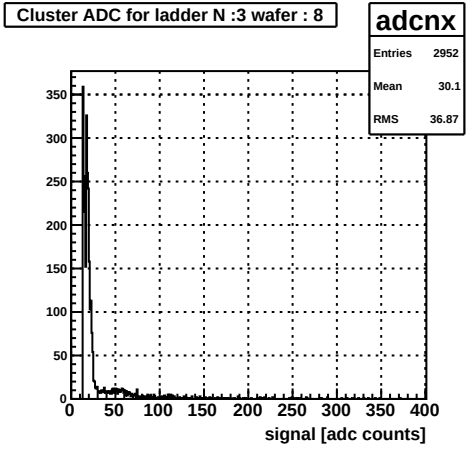

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 9046
Mean 28.24
RMS 26.96
signal [adc counts]

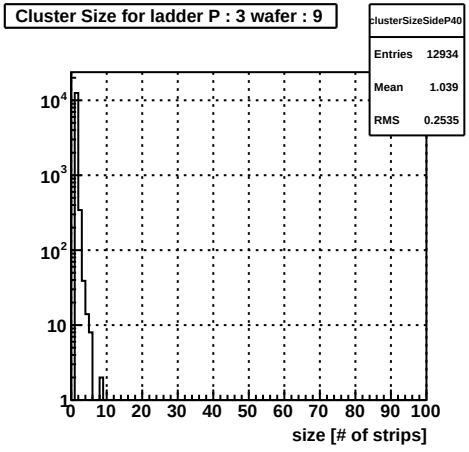

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 18118
Mean 1.034
RMS 0.1901
size [# of strips]

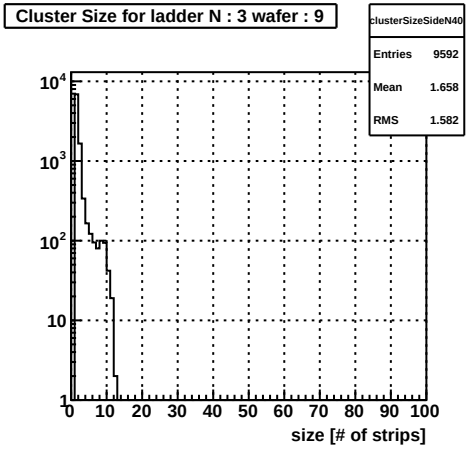

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 2952
Mean 1.128
RMS 0.4779
size [# of strips]

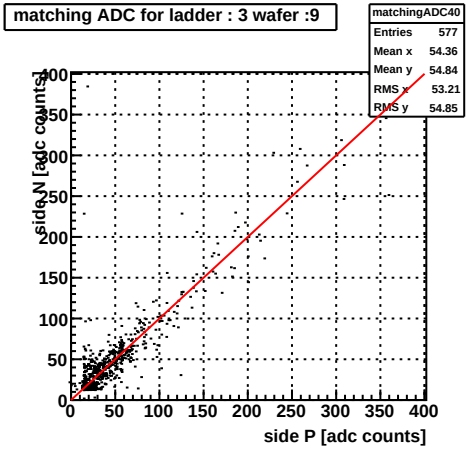

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 214
Mean x 43.53
Mean y 50.2
RMS x 43.71
RMS y 54.22
side N [adc counts]
side P [adc counts]

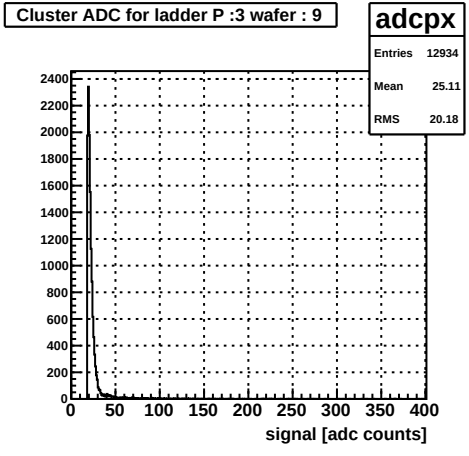

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 18118
Mean 30.92
RMS 11.76
signal [adc counts]

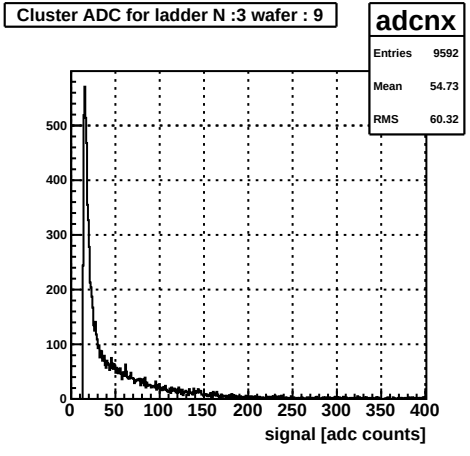

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 2952
Mean 30.1
RMS 36.87
signal [adc counts]

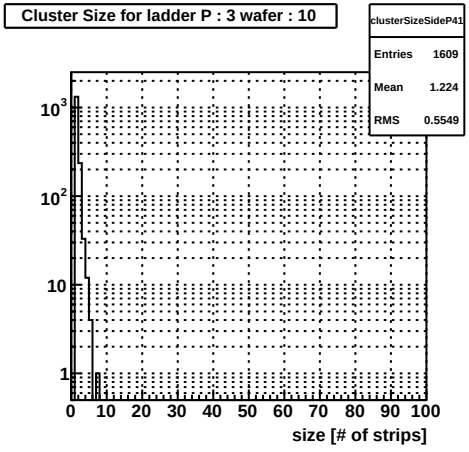

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 12934
Mean 1.039
RMS 0.2535
size [# of strips]

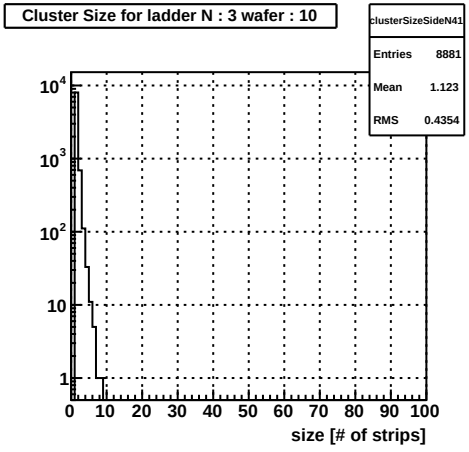

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 9592
Mean 1.658
RMS 1.582
size [# of strips]

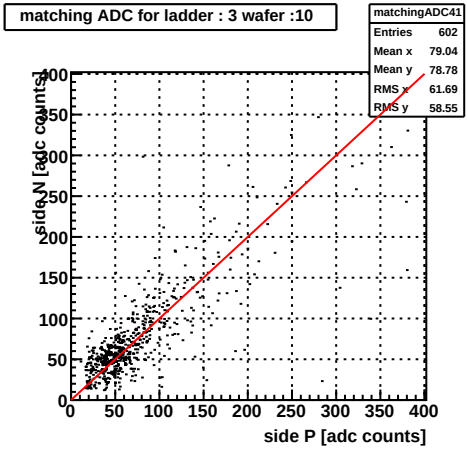

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 577
Mean x 54.36
Mean y 54.84
RMS x 53.21
RMS y 54.85
side N [adc counts]
side P [adc counts]

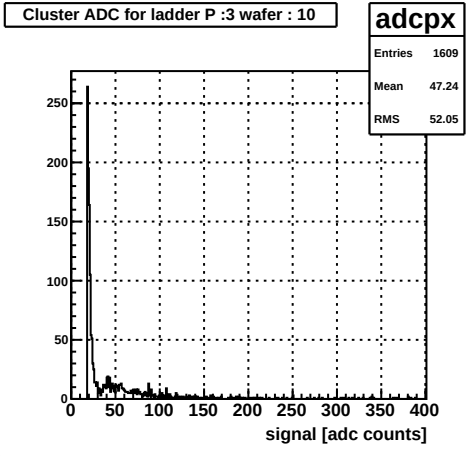

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 12934
Mean 25.11
RMS 20.18
signal [adc counts]

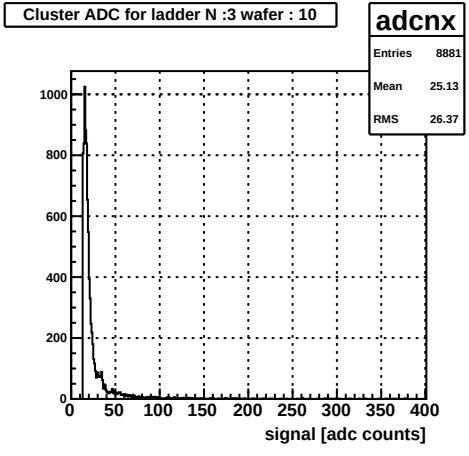

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 9592
Mean 54.73
RMS 60.32
signal [adc counts]

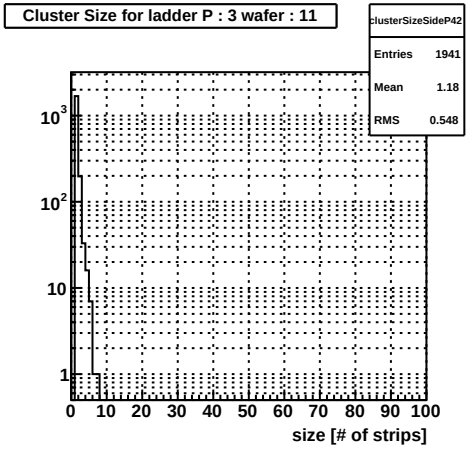

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 1609
Mean 1.224
RMS 0.5549
size [# of strips]

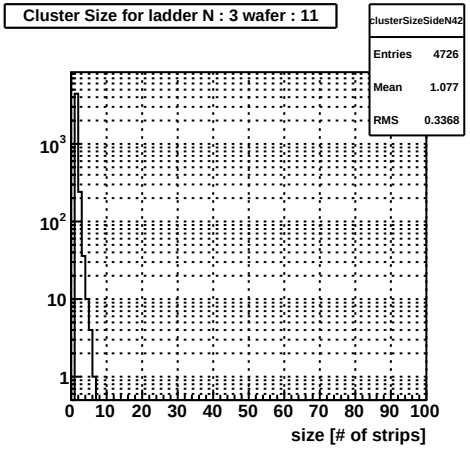

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 8881
Mean 1.123
RMS 0.4354
size [# of strips]

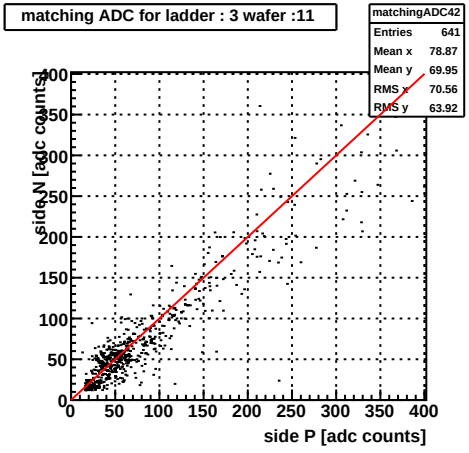

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 602
Mean x 79.04
Mean y 78.78
RMS x 61.69
RMS y 58.55
side N [adc counts]
side P [adc counts]

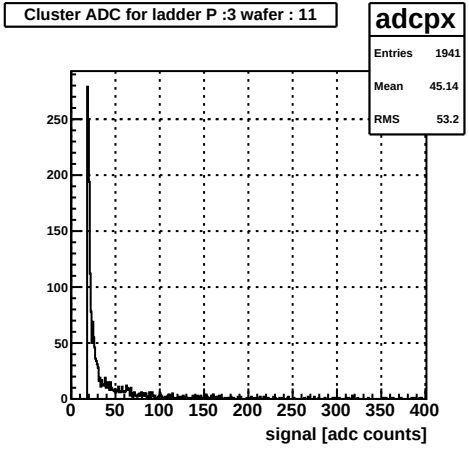

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 1609
Mean 47.24
RMS 52.05
signal [adc counts]

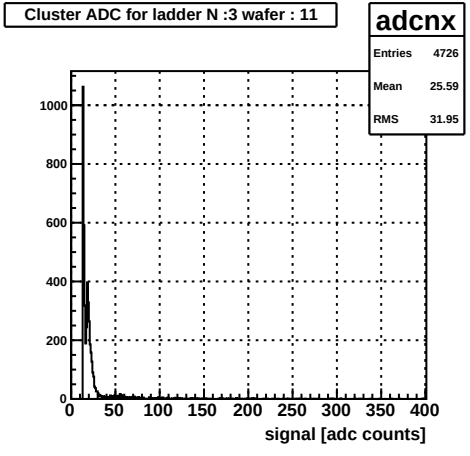

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 8881
Mean 25.13
RMS 26.37
signal [adc counts]

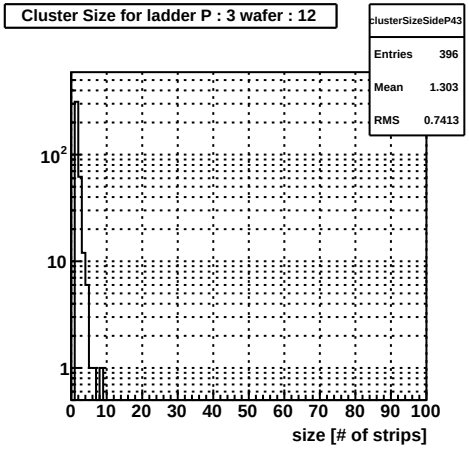

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 1941
Mean 1.18
RMS 0.548
size [# of strips]

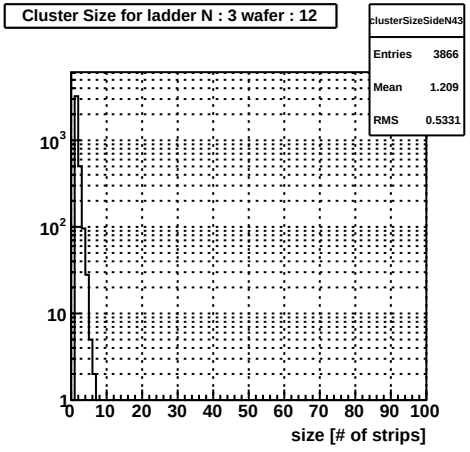

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 4726
Mean 1.077
RMS 0.3368
size [# of strips]

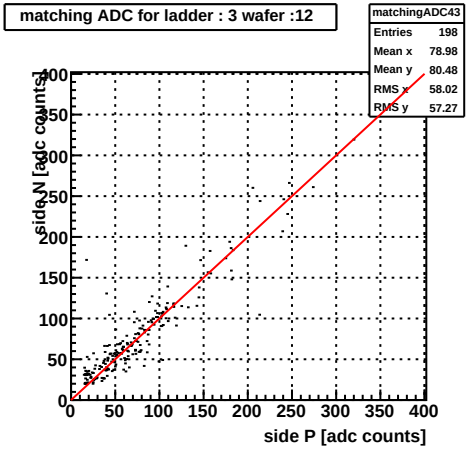

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 641
Mean x 78.87
Mean y 69.95
RMS x 70.56
RMS y 63.92
side N [adc counts]
side P [adc counts]

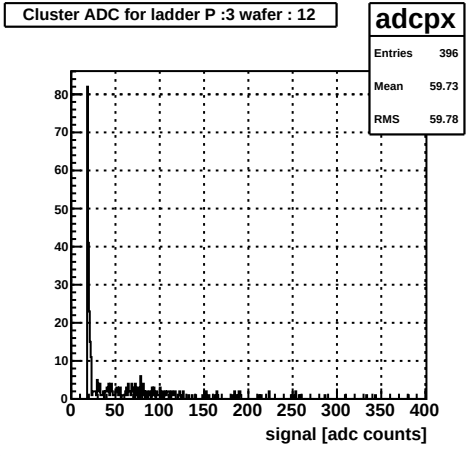

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 1941
Mean 45.14
RMS 53.2
signal [adc counts]

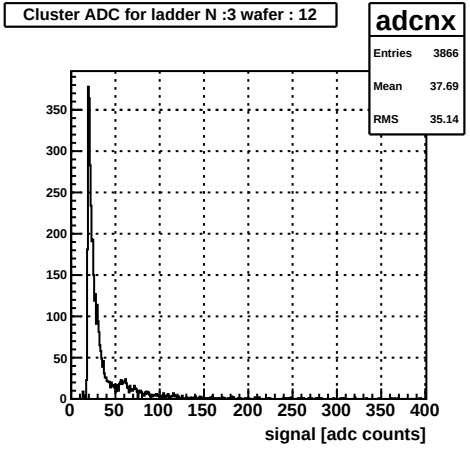

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 4726
Mean 25.59
RMS 31.95
signal [adc counts]

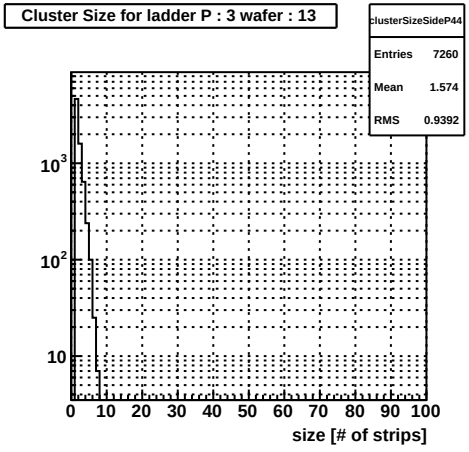

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 396
Mean 1.303
RMS 0.7413
size [# of strips]

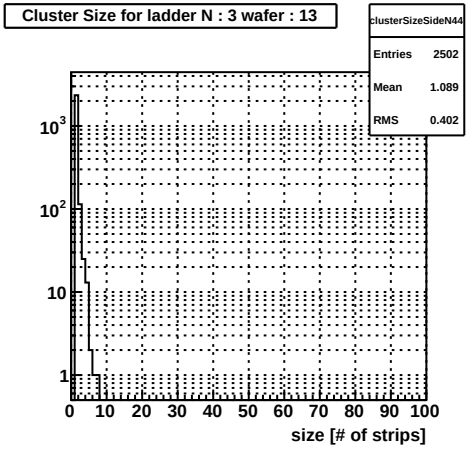

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 3866
Mean 1.209
RMS 0.5331
size [# of strips]

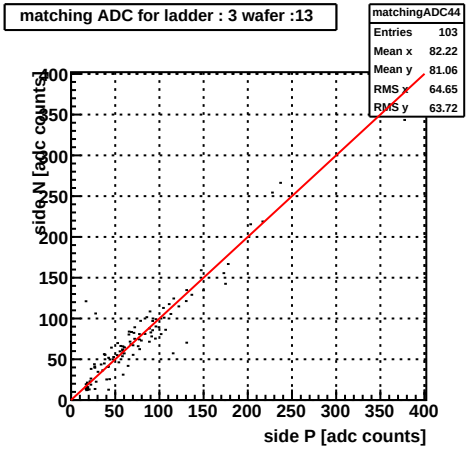

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 198
Mean x 78.98
Mean y 80.48
RMS x 58.02
RMS y 57.27
side N [adc counts]
side P [adc counts]

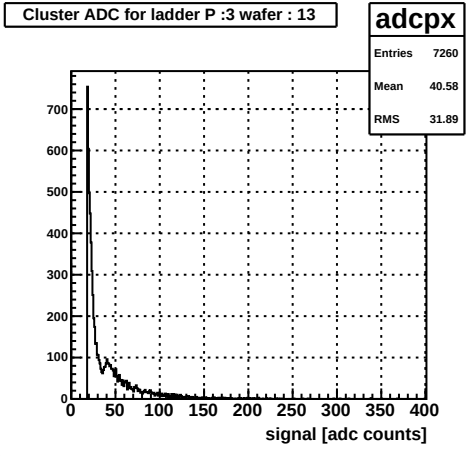

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 396
Mean 59.73
RMS 59.78
signal [adc counts]

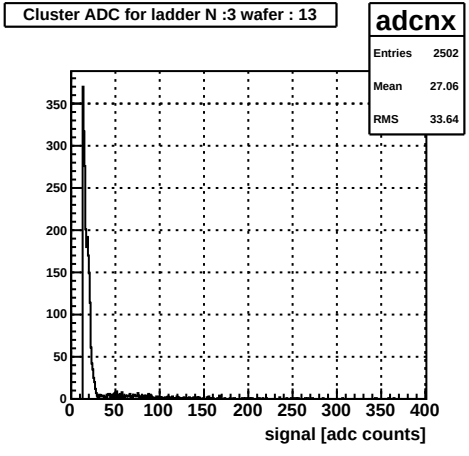

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 3866
Mean 37.69
RMS 35.14
signal [adc counts]

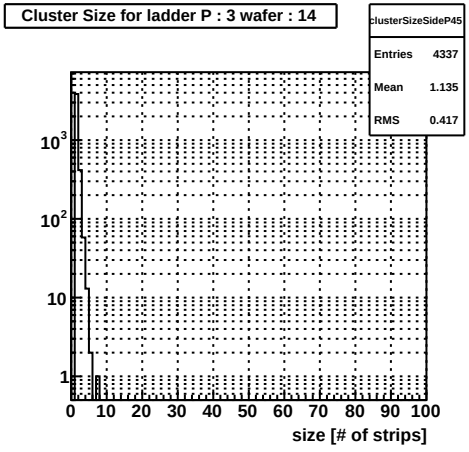

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 7260
Mean 1.574
RMS 0.9392
size [# of strips]

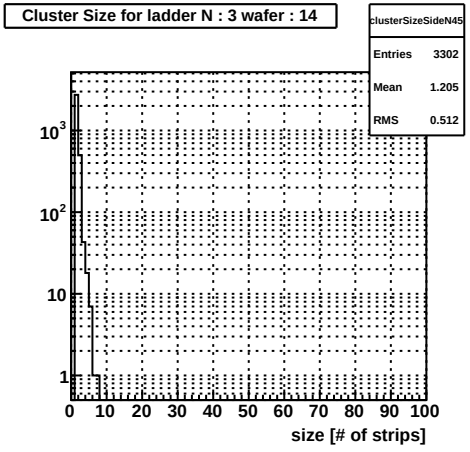

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 2502
Mean 1.089
RMS 0.402
size [# of strips]

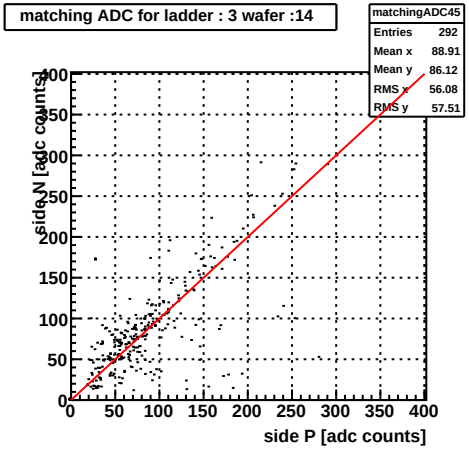

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 103
Mean x 82.22
Mean y 81.06
RMS x 64.65
RMS y 63.72
side N [adc counts]
side P [adc counts]

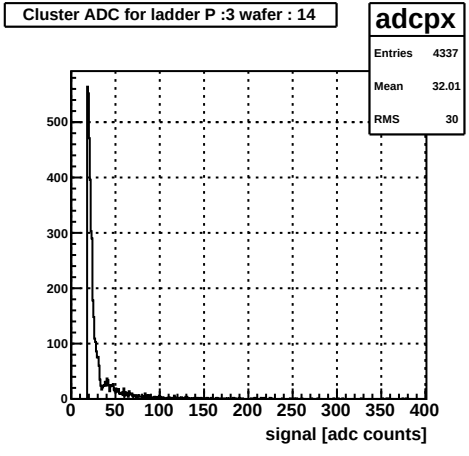

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 7260
Mean 40.58
RMS 31.89
signal [adc counts]

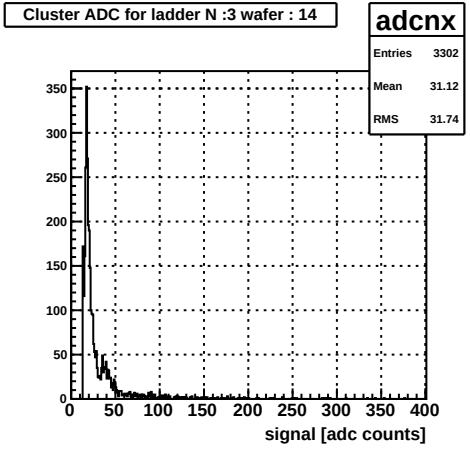

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 2502
Mean 27.06
RMS 33.64
signal [adc counts]

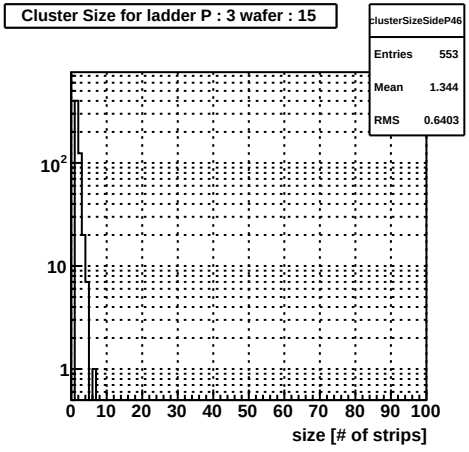

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 4337
Mean 1.135
RMS 0.417
size [# of strips]

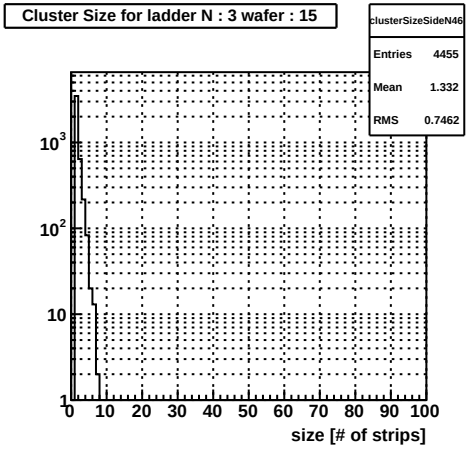

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 3302
Mean 1.205
RMS 0.512
size [# of strips]

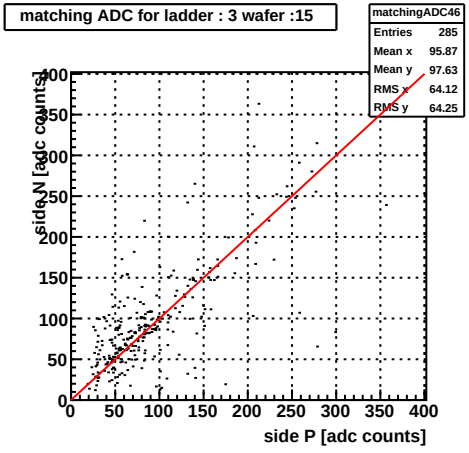

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 292
Mean x 88.91
Mean y 86.12
RMS x 56.08
RMS y 57.51
side N [adc counts]
side P [adc counts]

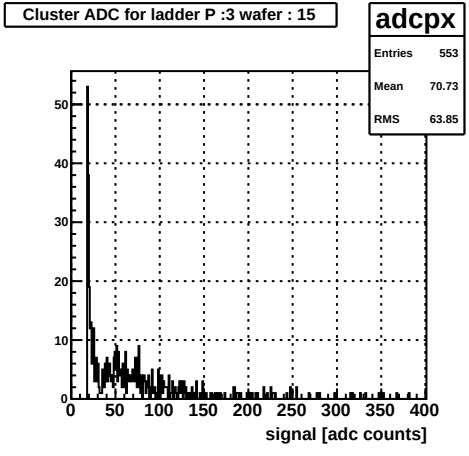

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 4337
Mean 32.01
RMS 30
signal [adc counts]

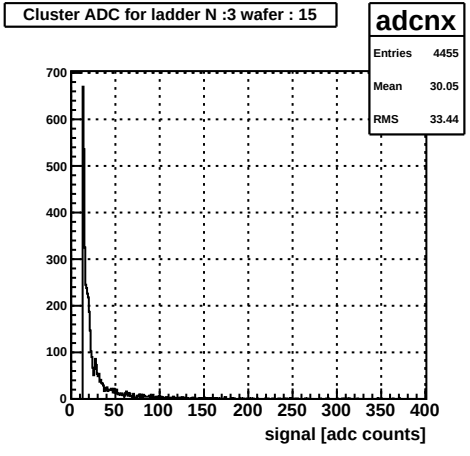

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 3302
Mean 31.12
RMS 31.74
signal [adc counts]

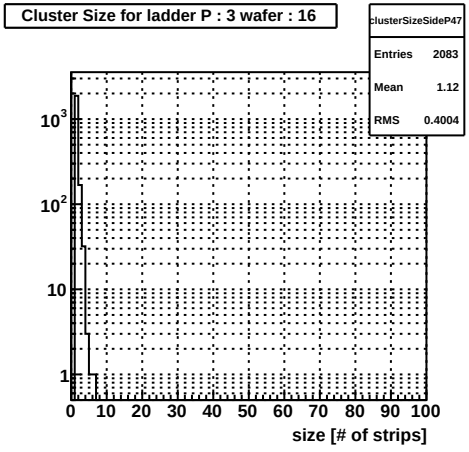

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 553
Mean 1.344
RMS 0.6403
size [# of strips]

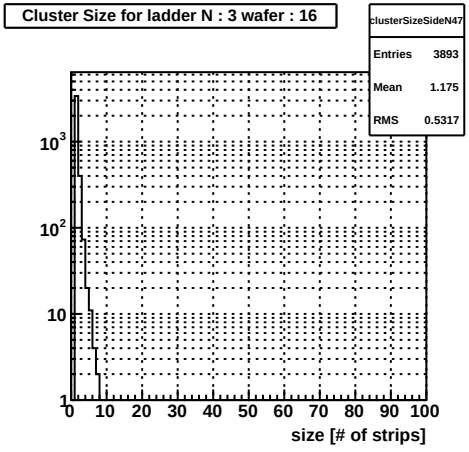

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 4455
Mean 1.332
RMS 0.7462
size [# of strips]

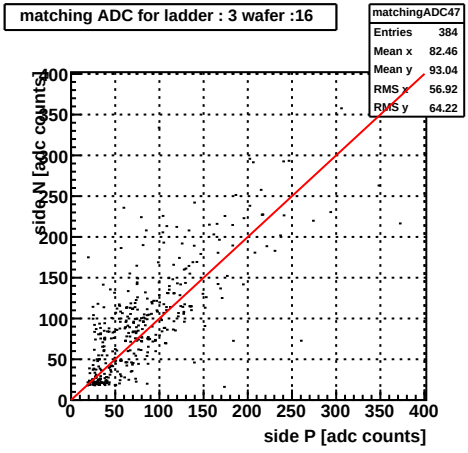

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 285
Mean x 95.87
Mean y 97.63
RMS x 64.12
RMS y 64.25
side N [adc counts]
side P [adc counts]

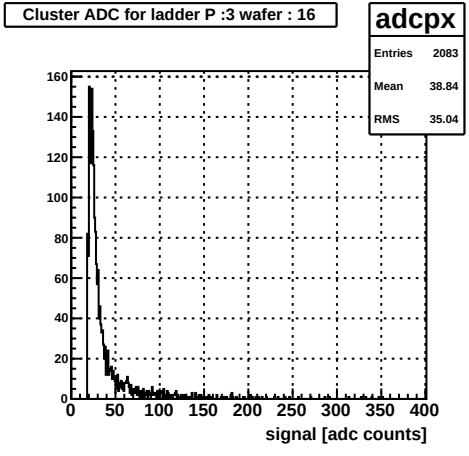

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 553
Mean 70.73
RMS 63.85
signal [adc counts]

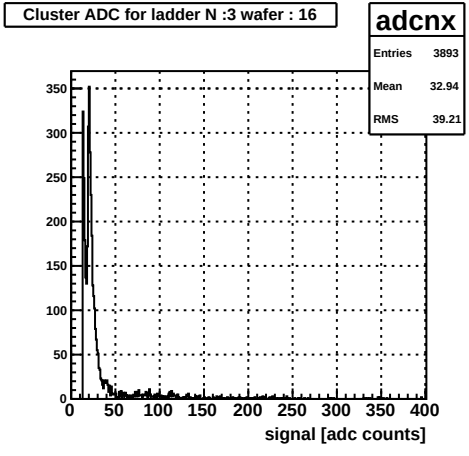

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 4455
Mean 30.05
RMS 33.44
signal [adc counts]

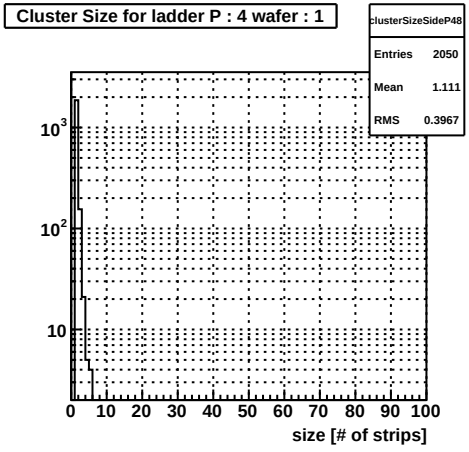

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 2083
Mean 1.12
RMS 0.4004
size [# of strips]

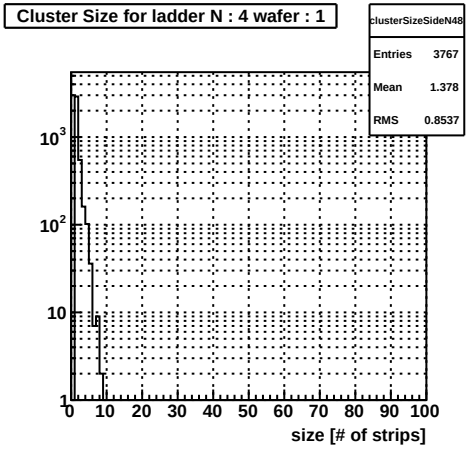

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 3893
Mean 1.175
RMS 0.5317
size [# of strips]

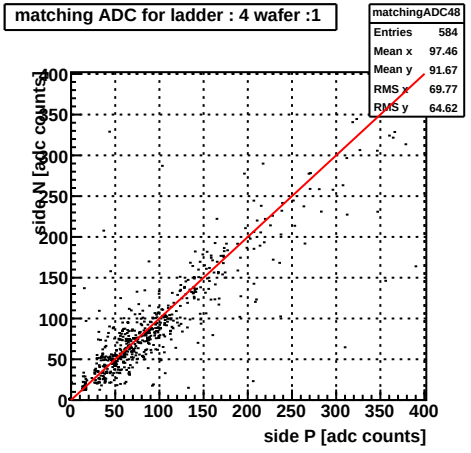

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 384
Mean x 82.46
Mean y 93.04
RMS x 56.92
RMS y 64.22
side N [adc counts]
side P [adc counts]

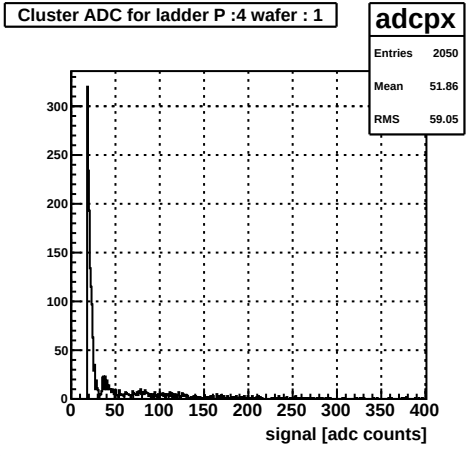

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 2083
Mean 38.84
RMS 35.04
signal [adc counts]

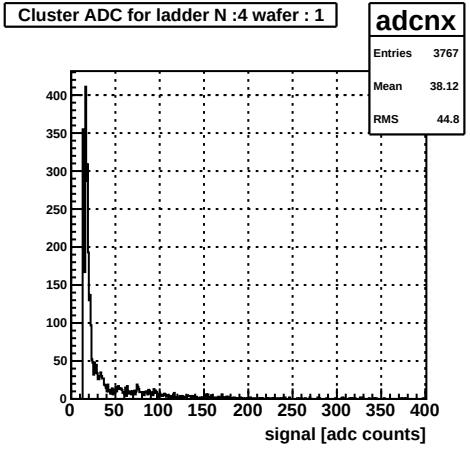

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 3893
Mean 32.94
RMS 39.21
signal [adc counts]

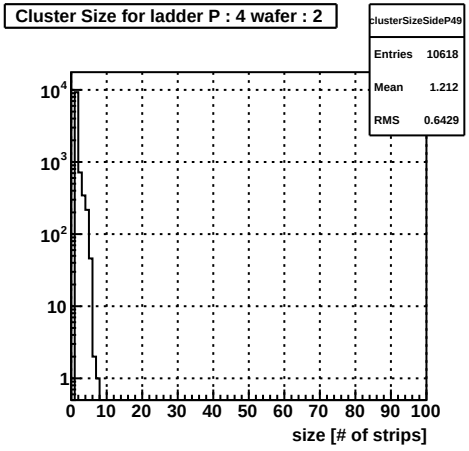

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 2050
Mean 1.111
RMS 0.3967
size [# of strips]

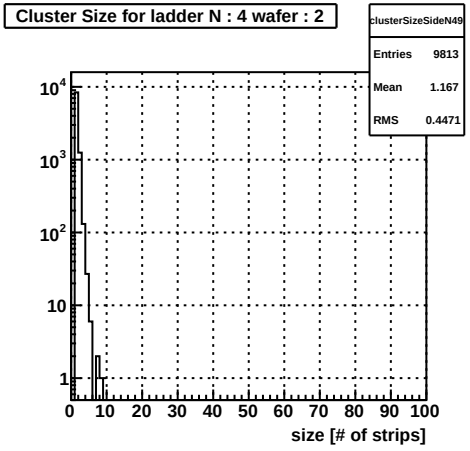

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 3767
Mean 1.378
RMS 0.8537
size [# of strips]

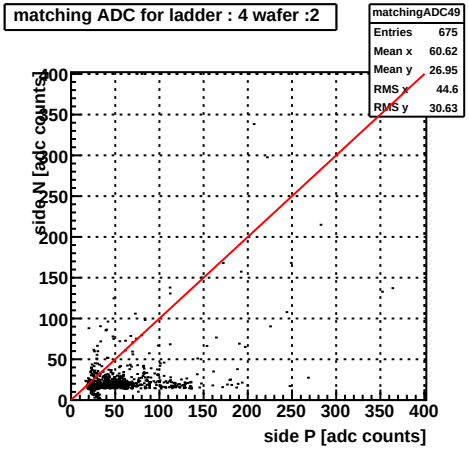

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 584
Mean x 97.46
Mean y 91.67
RMS x 69.77
RMS y 64.62
side N [adc counts]
side P [adc counts]

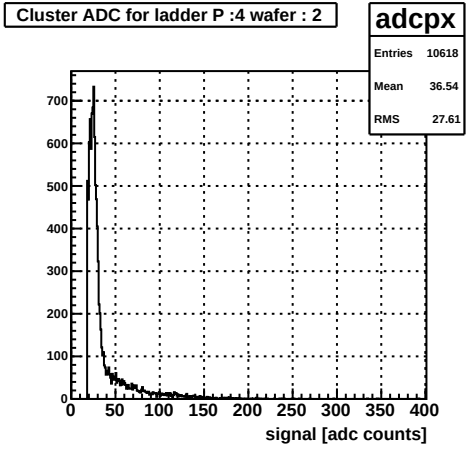

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 2050
Mean 51.86
RMS 59.05
signal [adc counts]

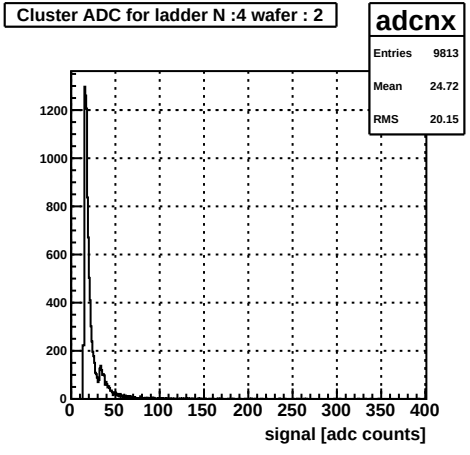

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 3767
Mean 38.12
RMS 44.8
signal [adc counts]

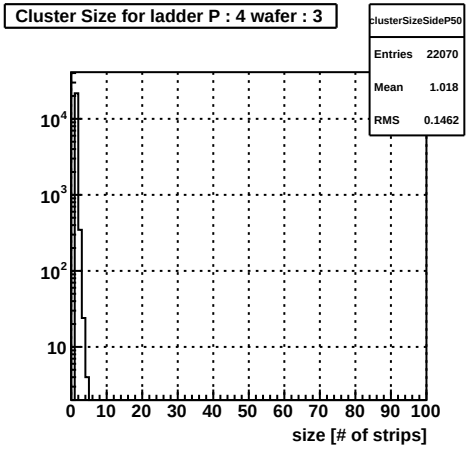

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 10618
Mean 1.212
RMS 0.6429
size [# of strips]

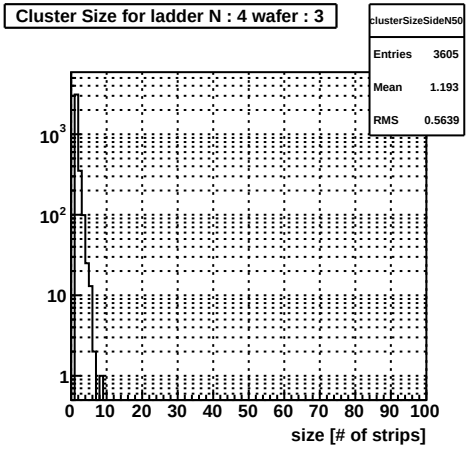

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 9813
Mean 1.167
RMS 0.4471
size [# of strips]

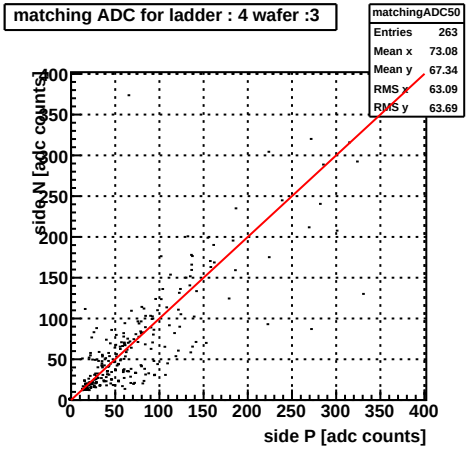

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 675
Mean x 60.62
Mean y 26.95
RMS x 44.6
RMS y 30.63
side N [adc counts]
side P [adc counts]

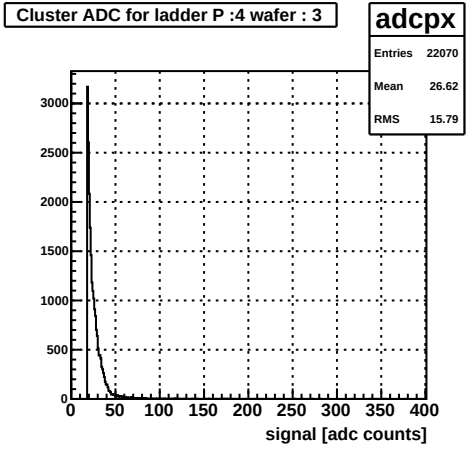

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 10618
Mean 36.54
RMS 27.61
signal [adc counts]

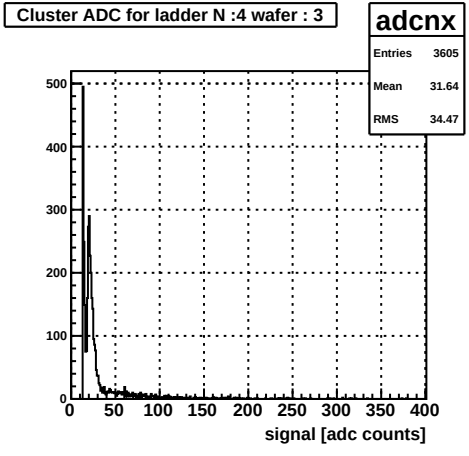

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 9813
Mean 24.72
RMS 20.15
signal [adc counts]

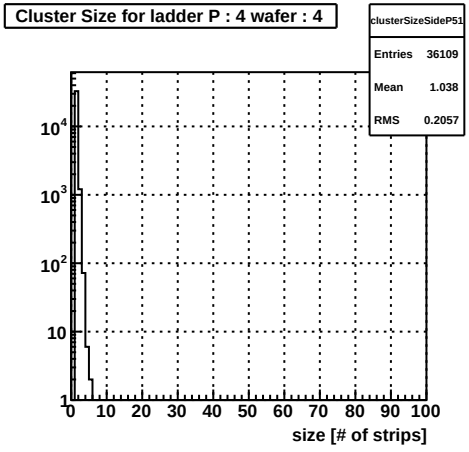

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 22070
Mean 1.018
RMS 0.1462
size [# of strips]

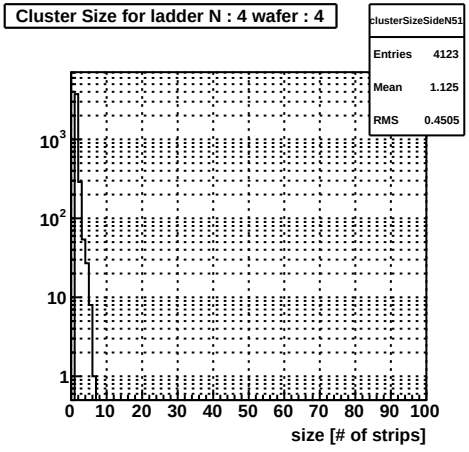

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 3605
Mean 1.193
RMS 0.5639
size [# of strips]

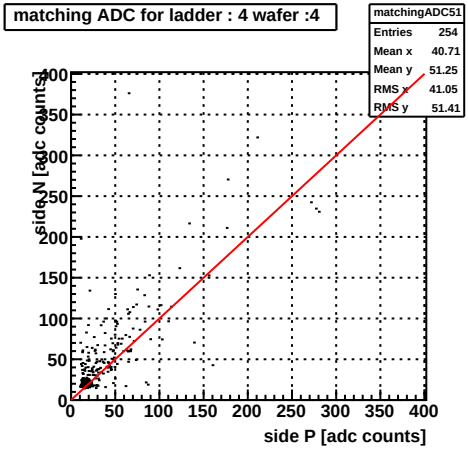

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 263
Mean x 73.08
Mean y 67.34
RMS x 63.09
RMS y 63.69
side N [adc counts]
side P [adc counts]

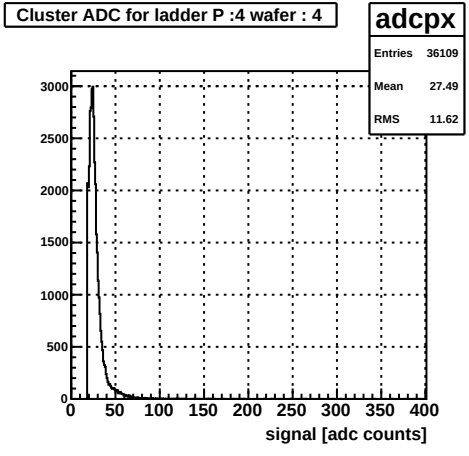

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 22070
Mean 26.62
RMS 15.79
signal [adc counts]

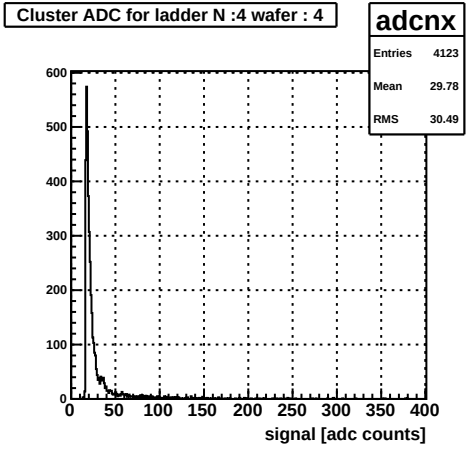

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 3605
Mean 31.64
RMS 34.47
signal [adc counts]

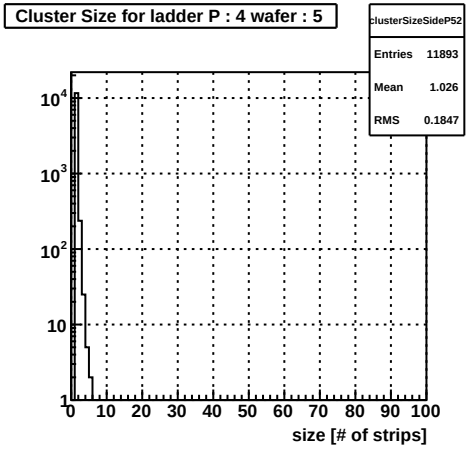

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 36109
Mean 1.038
RMS 0.2057
size [# of strips]

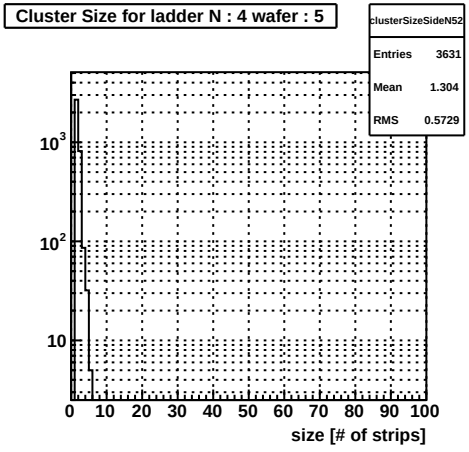

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 4123
Mean 1.125
RMS 0.4505
size [# of strips]

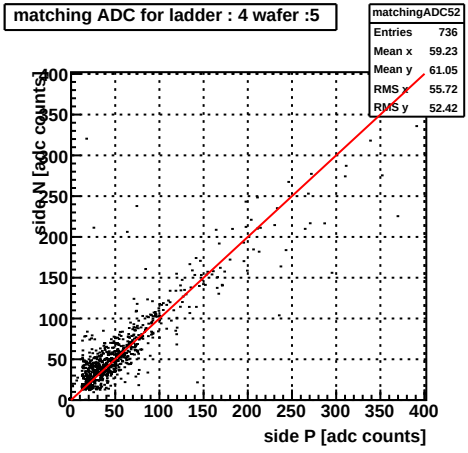

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 254
Mean x 40.71
Mean y 51.25
RMS x 41.05
RMS y 51.41
side N [adc counts]
side P [adc counts]

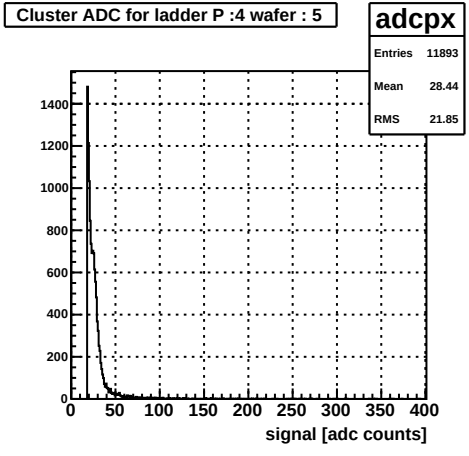

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 36109
Mean 27.49
RMS 11.62
signal [adc counts]

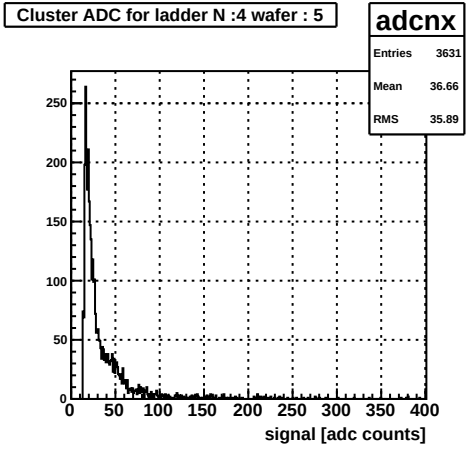

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 4123
Mean 29.78
RMS 30.49
signal [adc counts]

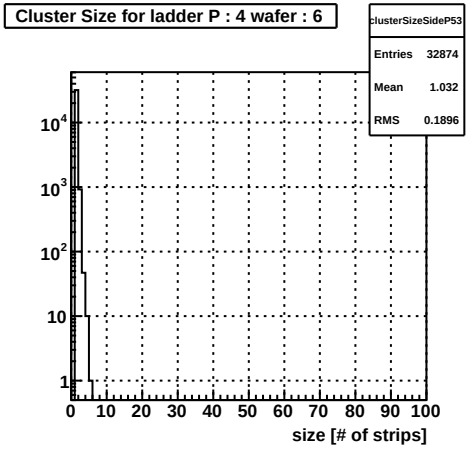

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 11893
Mean 1.026
RMS 0.1847
size [# of strips]

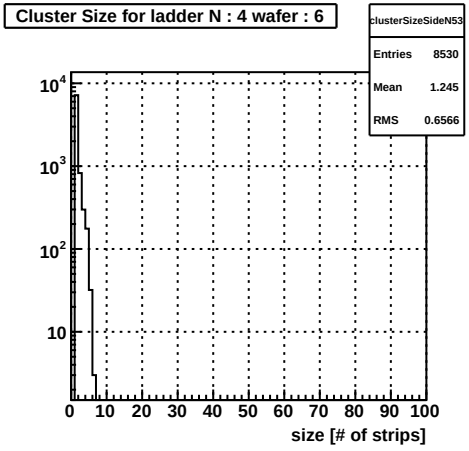

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 3631
Mean 1.304
RMS 0.5729
size [# of strips]

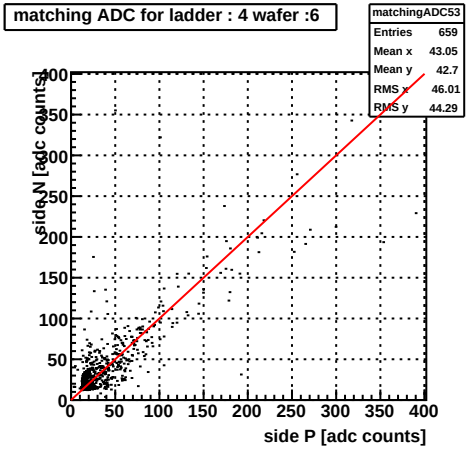

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 736
Mean x 59.23
Mean y 61.05
RMS x 55.72
RMS y 52.42
side N [adc counts]
side P [adc counts]

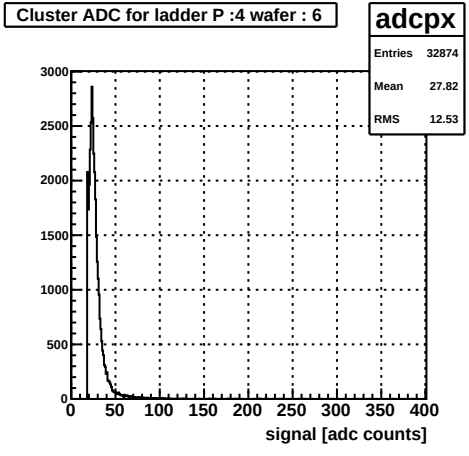

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 11893
Mean 28.44
RMS 21.85
signal [adc counts]

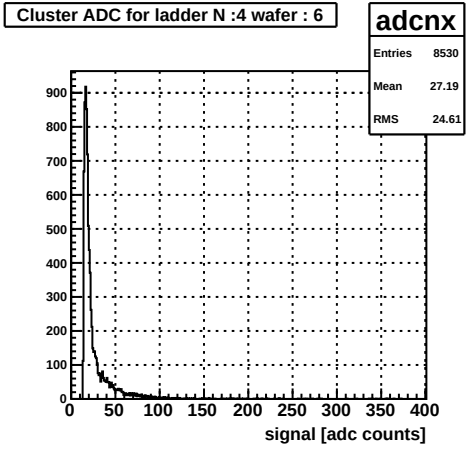

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 3631
Mean 36.66
RMS 35.89
signal [adc counts]

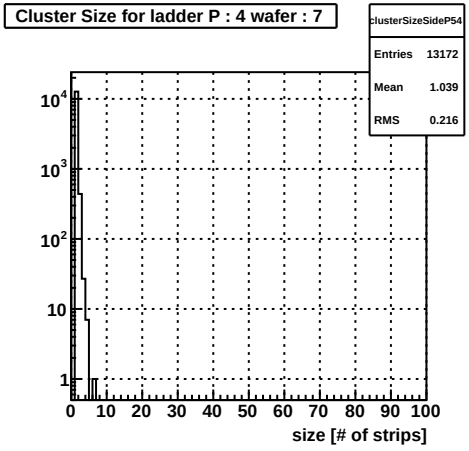

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 32874
Mean 1.032
RMS 0.1896
size [# of strips]

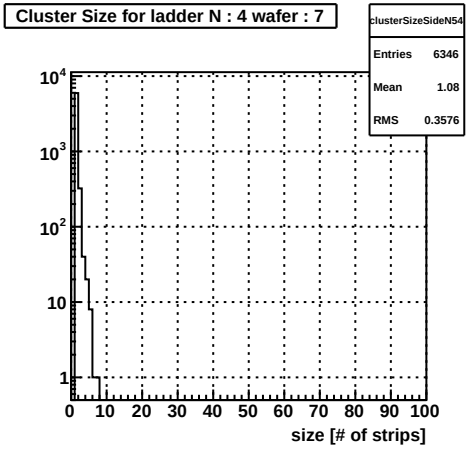

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 8530
Mean 1.245
RMS 0.6566
size [# of strips]

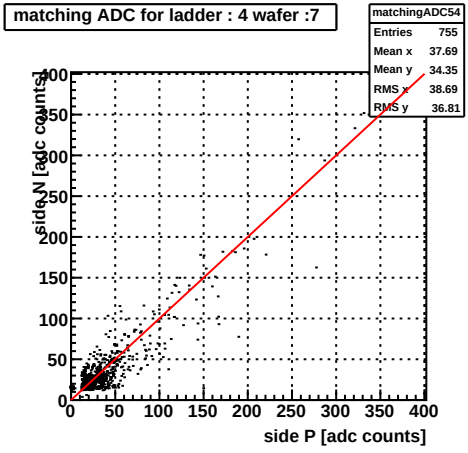

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 659
Mean x 43.05
Mean y 42.7
RMS x 46.01
RMS y 44.29
side N [adc counts]
side P [adc counts]

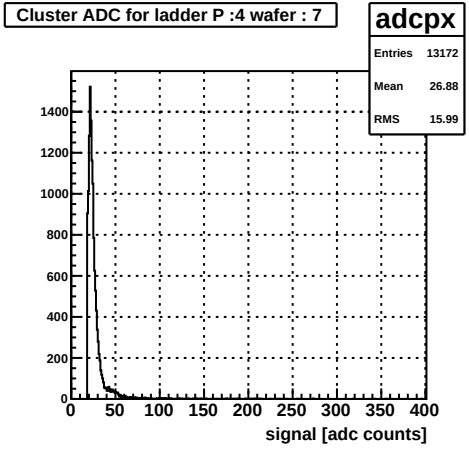

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 32874
Mean 27.82
RMS 12.53
signal [adc counts]

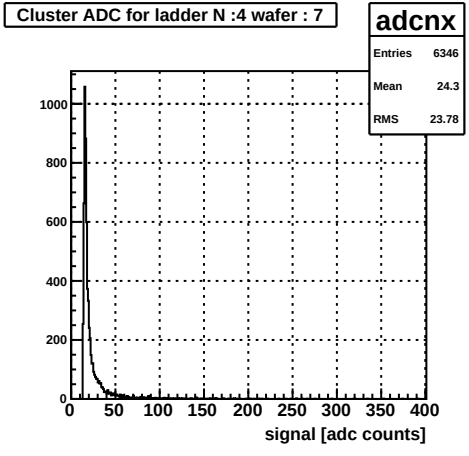

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 8530
Mean 27.19
RMS 24.61
signal [adc counts]

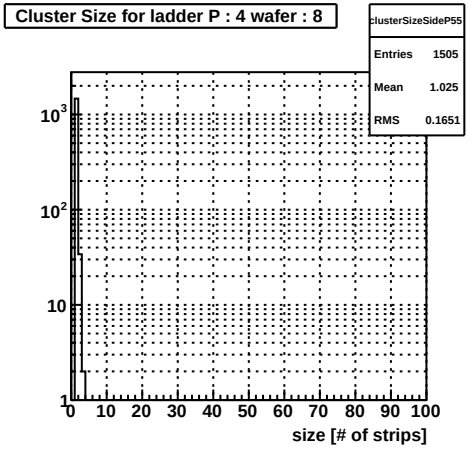

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 13172
Mean 1.039
RMS 0.216
size [# of strips]

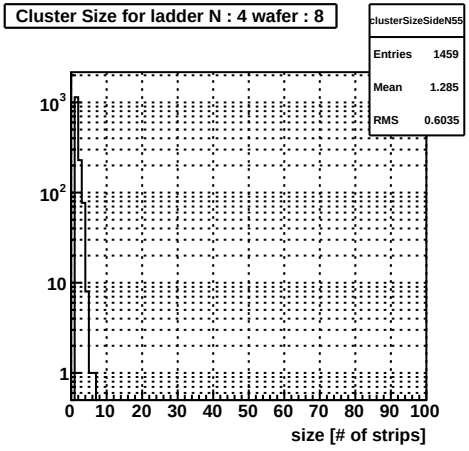

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 6346
Mean 1.08
RMS 0.3576
size [# of strips]

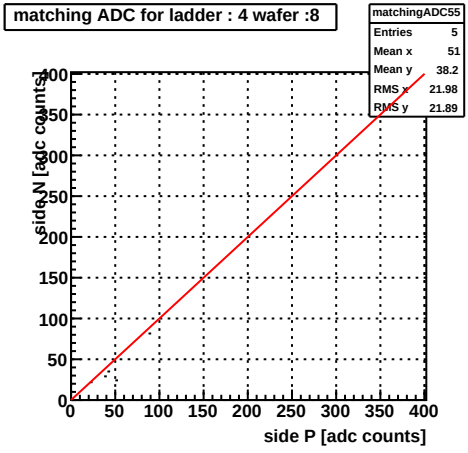

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 755
Mean x 37.69
Mean y 34.35
RMS x 38.69
RMS y 36.81
side N [adc counts]
side P [adc counts]

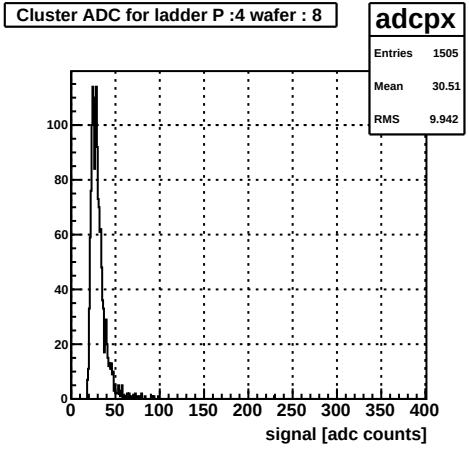

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 13172
Mean 26.88
RMS 15.99
signal [adc counts]

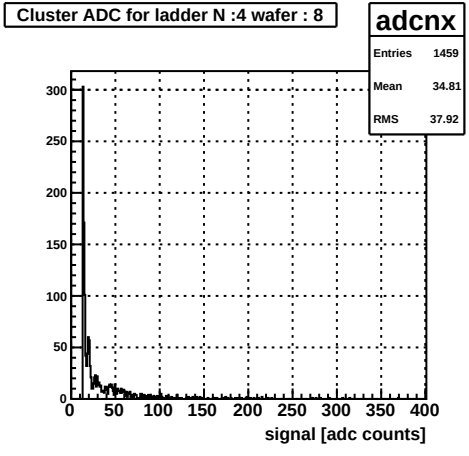

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 6346
Mean 24.3
RMS 23.78
signal [adc counts]

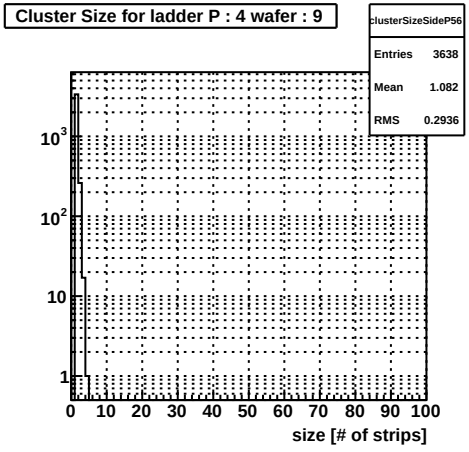

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 1505
Mean 1.025
RMS 0.1651
size [# of strips]

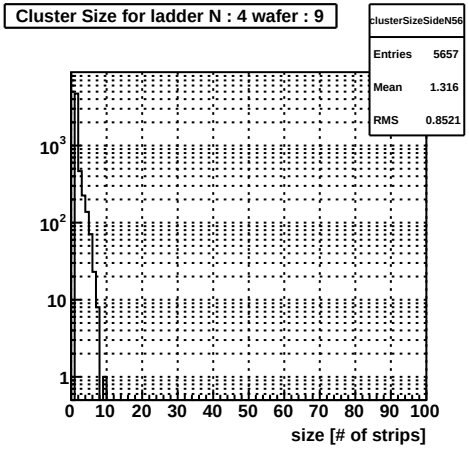

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 1459
Mean 1.285
RMS 0.6035
size [# of strips]

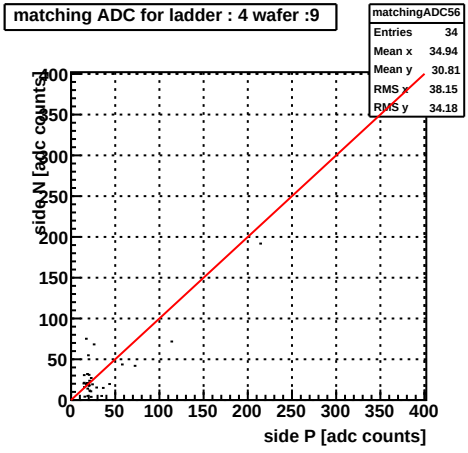

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 5
Mean x 51
Mean y 38.2
RMS x 21.98
RMS y 21.89
side N [adc counts]
side P [adc counts]

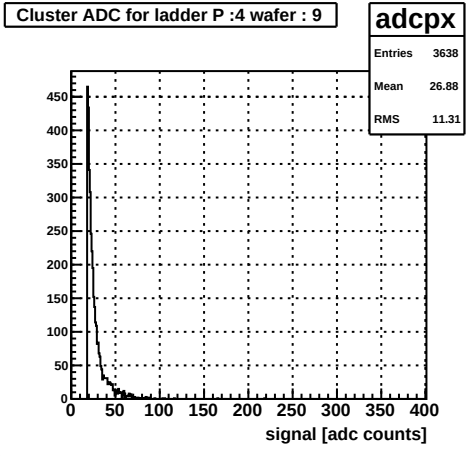

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 1505
Mean 30.51
RMS 9.942
signal [adc counts]

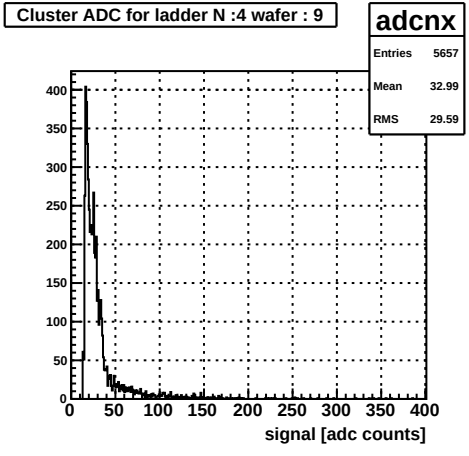

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 1459
Mean 34.81
RMS 37.92
signal [adc counts]

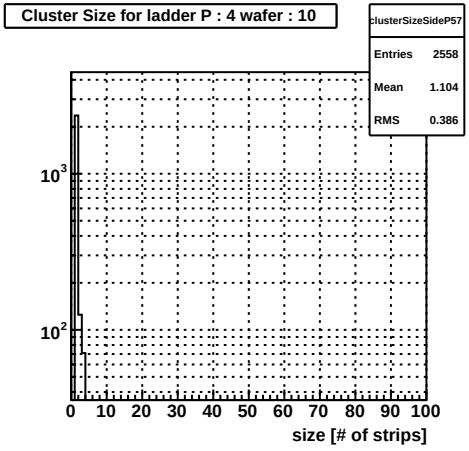

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 3638
Mean 1.082
RMS 0.2936
size [# of strips]

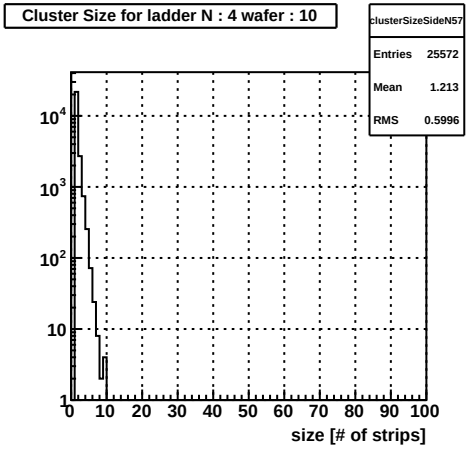

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 5657
Mean 1.316
RMS 0.8521
size [# of strips]

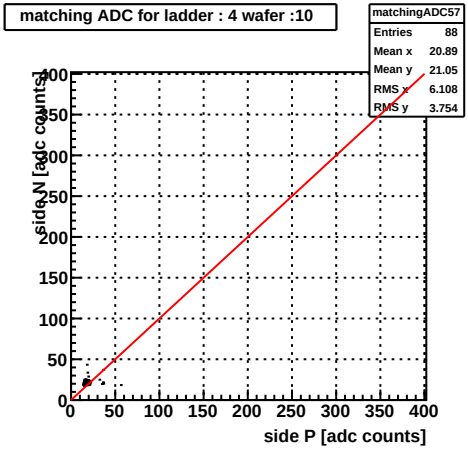

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 34
Mean x 34.94
Mean y 30.81
RMS x 38.15
RMS y 34.18
side N [adc counts]
side P [adc counts]

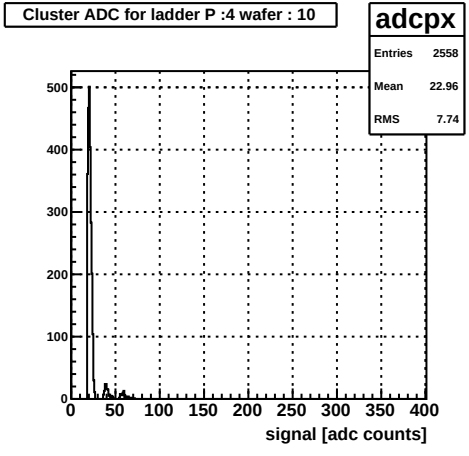

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 3638
Mean 26.88
RMS 11.31
signal [adc counts]

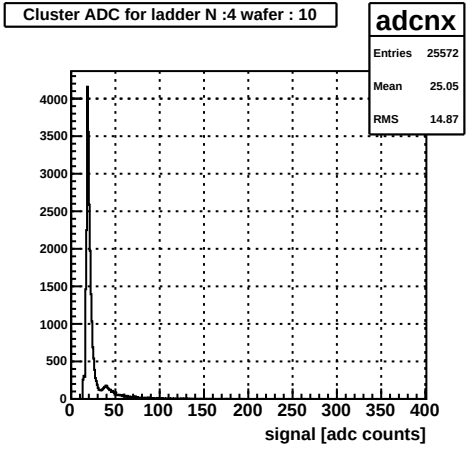

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 5657
Mean 32.99
RMS 29.59
signal [adc counts]

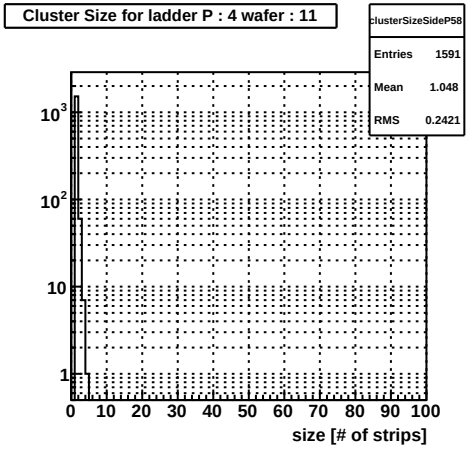

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 2558
Mean 1.104
RMS 0.386
size [# of strips]

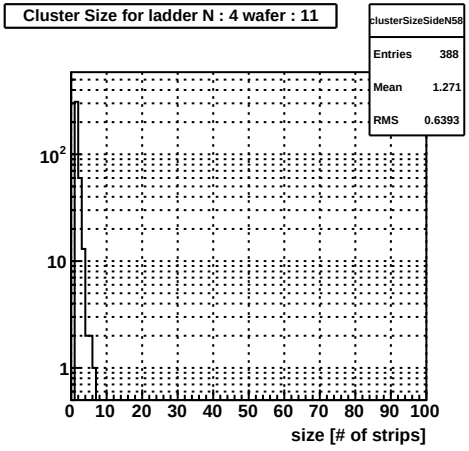

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 25572
Mean 1.213
RMS 0.5996
size [# of strips]

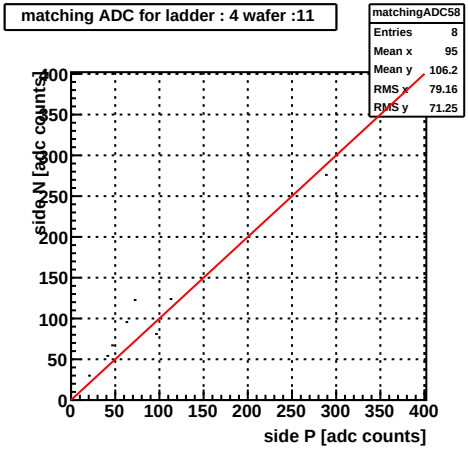

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 88
Mean x 20.89
Mean y 21.05
RMS x 6.108
RMS y 3.754
side N [adc counts]
side P [adc counts]

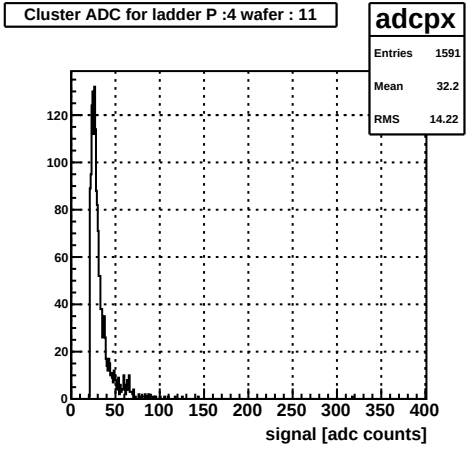

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 2558
Mean 22.96
RMS 7.74
signal [adc counts]

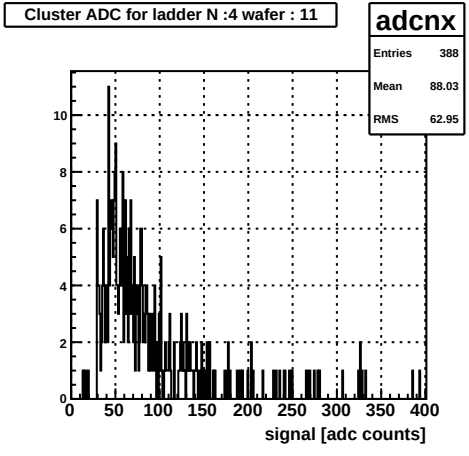

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 25572
Mean 25.05
RMS 14.87
signal [adc counts]

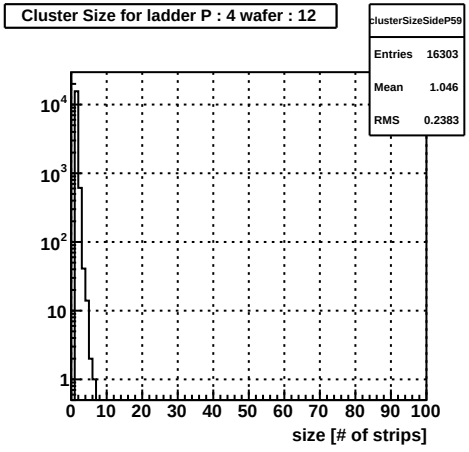

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 1591
Mean 1.048
RMS 0.2421
size [# of strips]

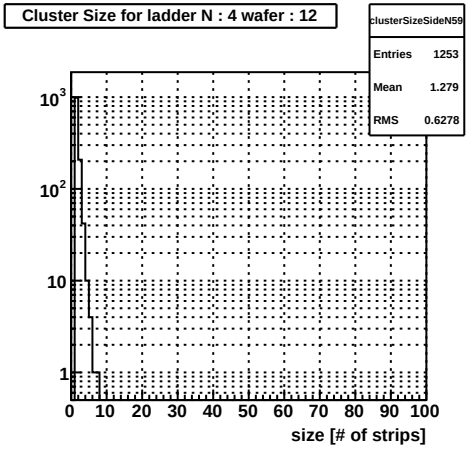

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 388
Mean 1.271
RMS 0.6393
size [# of strips]

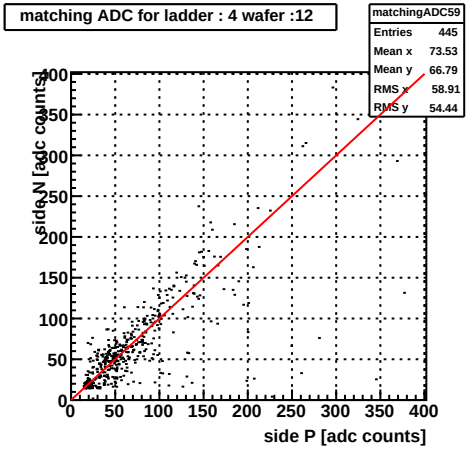

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 8
Mean x 95
Mean y 106.2
RMS x 79.16
RMS y 71.25
side N [adc counts]
side P [adc counts]

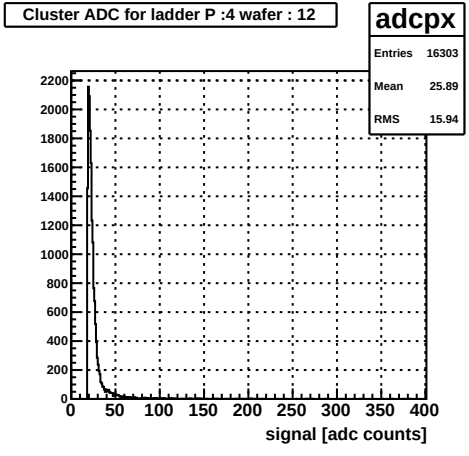

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 1591
Mean 32.2
RMS 14.22
signal [adc counts]

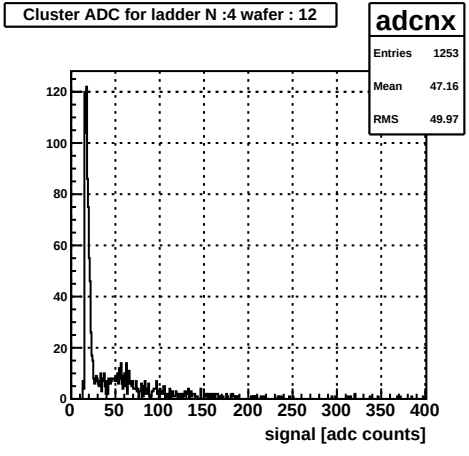

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 388
Mean 88.03
RMS 62.95
signal [adc counts]

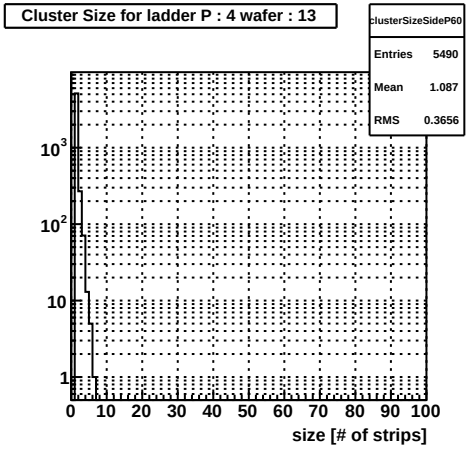

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 16303
Mean 1.046
RMS 0.2383
size [# of strips]

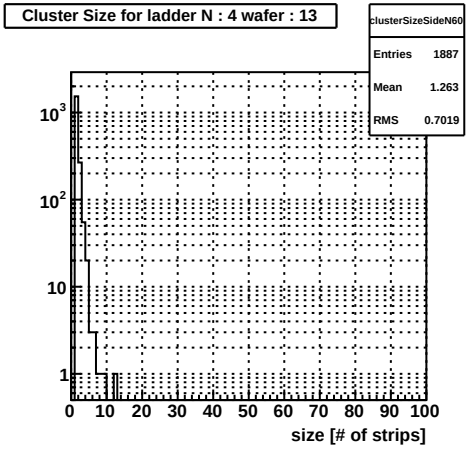

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 1253
Mean 1.279
RMS 0.6278
size [# of strips]

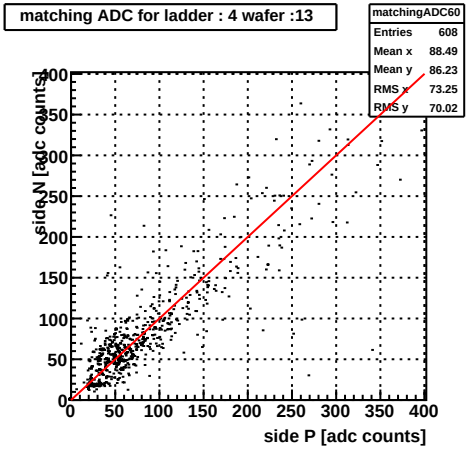

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 445
Mean x 73.53
Mean y 66.79
RMS x 58.91
RMS y 54.44
side N [adc counts]
side P [adc counts]

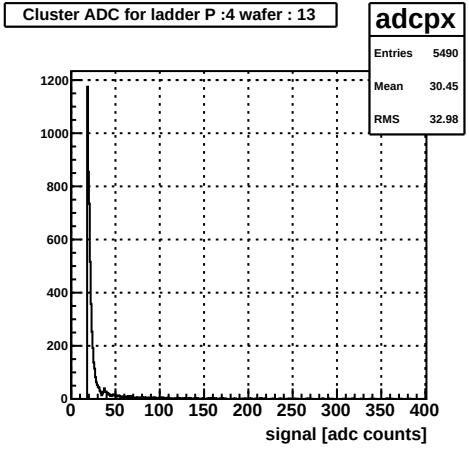

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 16303
Mean 25.89
RMS 15.94
signal [adc counts]

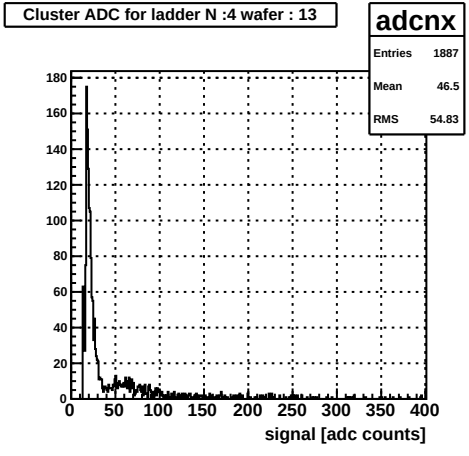

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 1253
Mean 47.16
RMS 49.97
signal [adc counts]

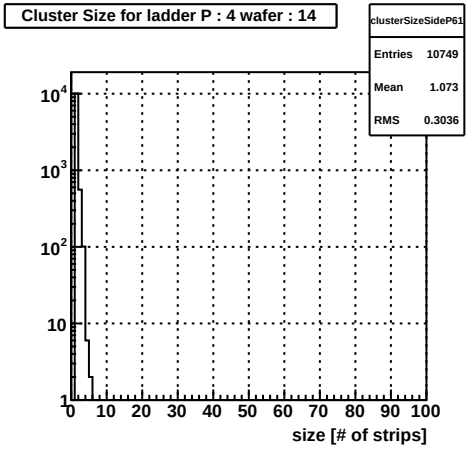

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 5490
Mean 1.087
RMS 0.3656
size [# of strips]

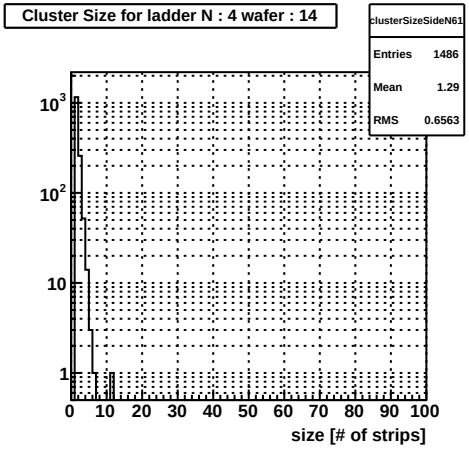

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 1887
Mean 1.263
RMS 0.7019
size [# of strips]

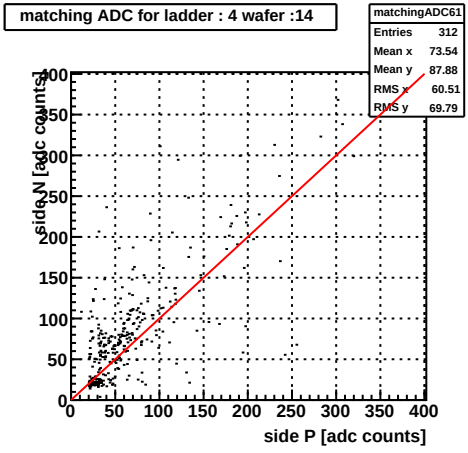

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 608
Mean x 88.49
Mean y 86.23
RMS x 73.25
RMS y 70.02
side N [adc counts]
side P [adc counts]

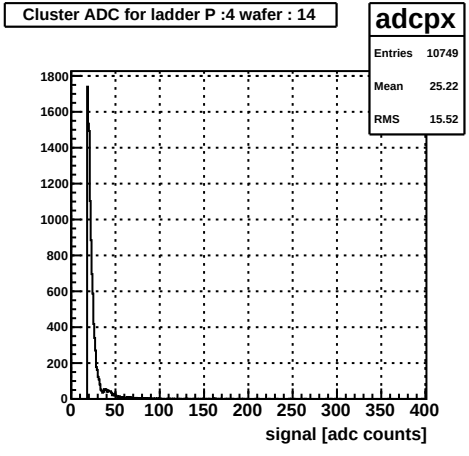

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 5490
Mean 30.45
RMS 32.98
signal [adc counts]

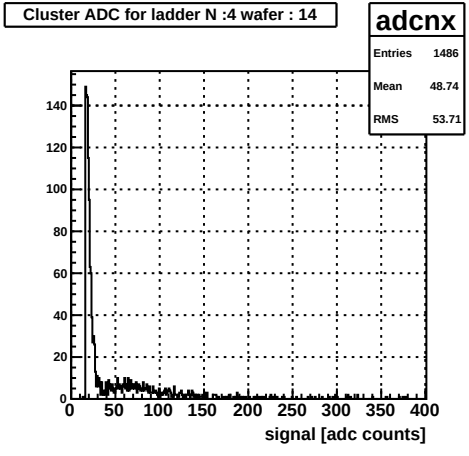

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 1887
Mean 46.5
RMS 54.83
signal [adc counts]

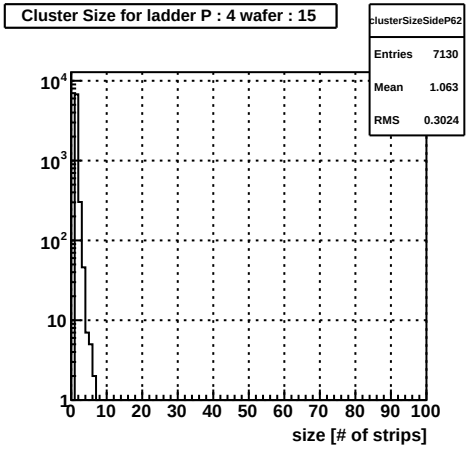

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 10749
Mean 1.073
RMS 0.3036
size [# of strips]

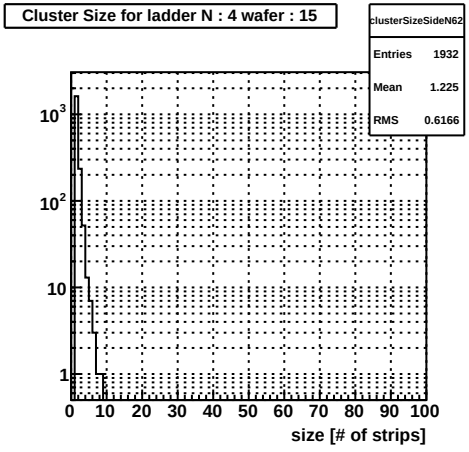

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 1486
Mean 1.29
RMS 0.6563
size [# of strips]

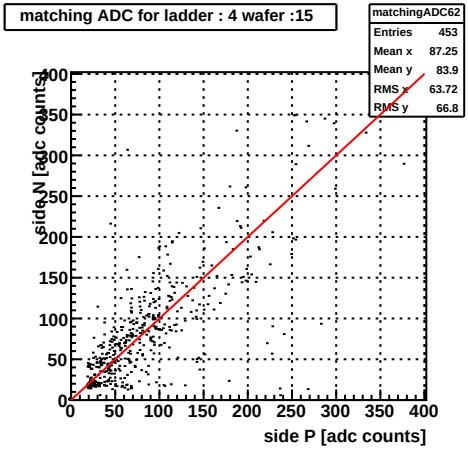

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 312
Mean x 73.54
Mean y 87.88
RMS x 60.51
RMS y 69.79
side N [adc counts]
side P [adc counts]

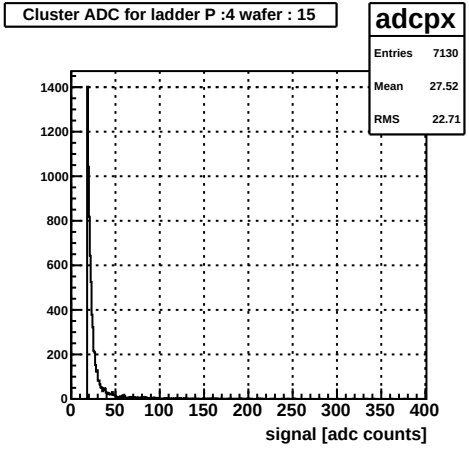

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 10749
Mean 25.22
RMS 15.52
signal [adc counts]

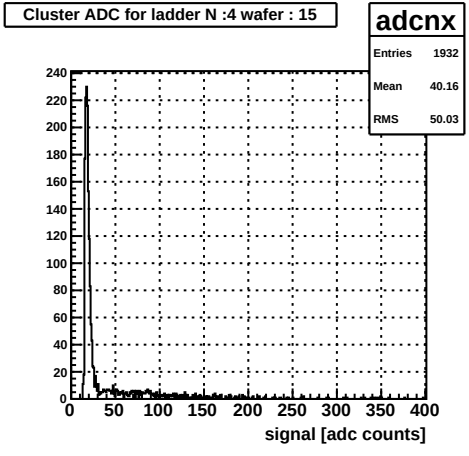

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 1486
Mean 48.74
RMS 53.71
signal [adc counts]

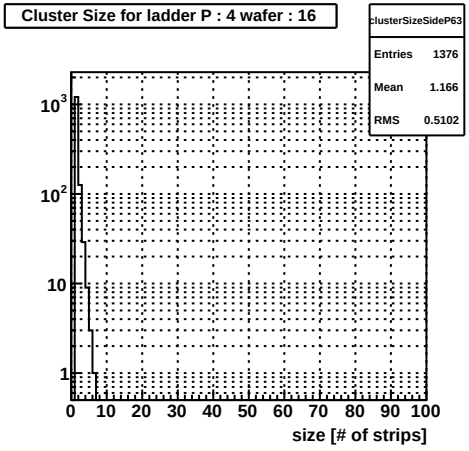

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 7130
Mean 1.063
RMS 0.3024
size [# of strips]

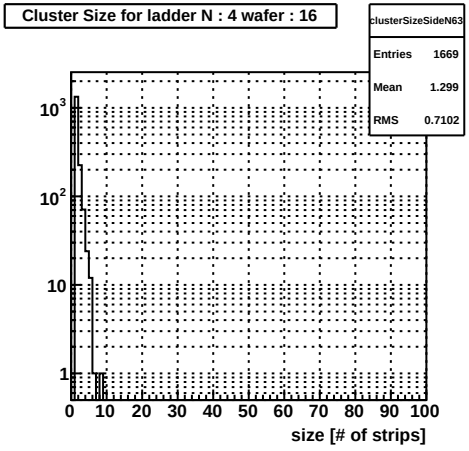

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 1932
Mean 1.225
RMS 0.6166
size [# of strips]

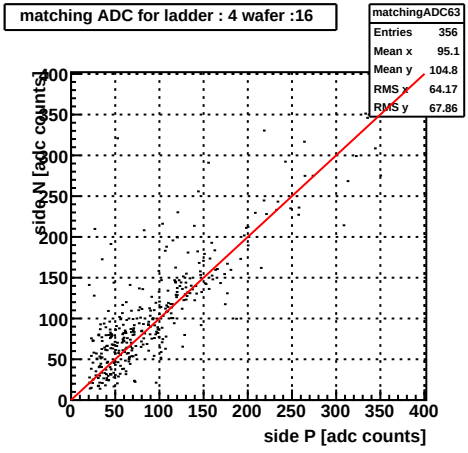

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 453
Mean x 87.25
Mean y 83.9
RMS x 63.72
RMS y 66.8
side N [adc counts]
side P [adc counts]

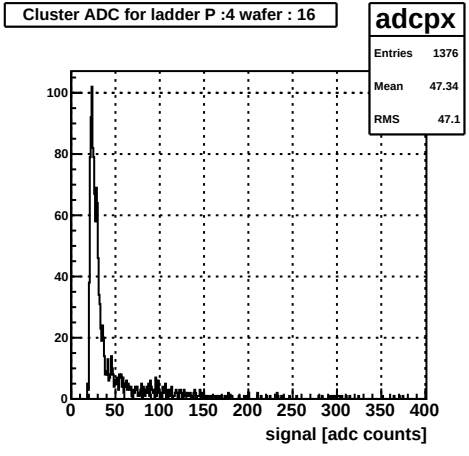

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 7130
Mean 27.52
RMS 22.71
signal [adc counts]

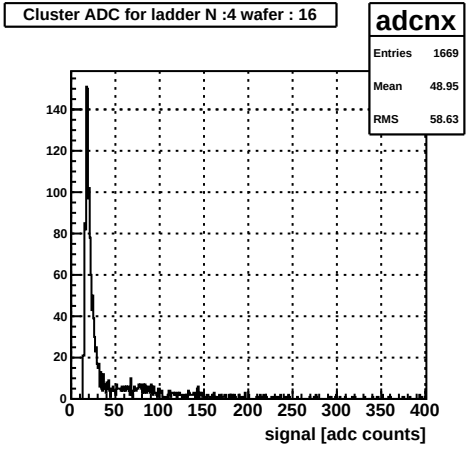

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 1932
Mean 40.16
RMS 50.03
signal [adc counts]

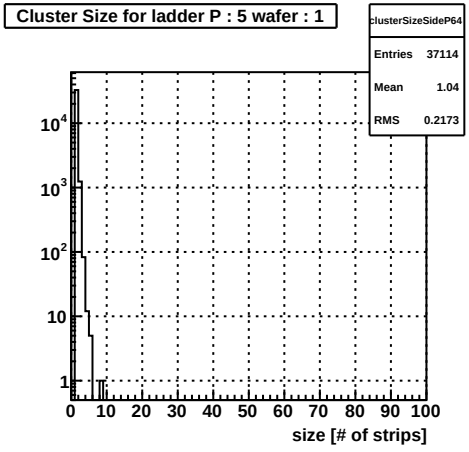

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 1376
Mean 1.166
RMS 0.5102
size [# of strips]

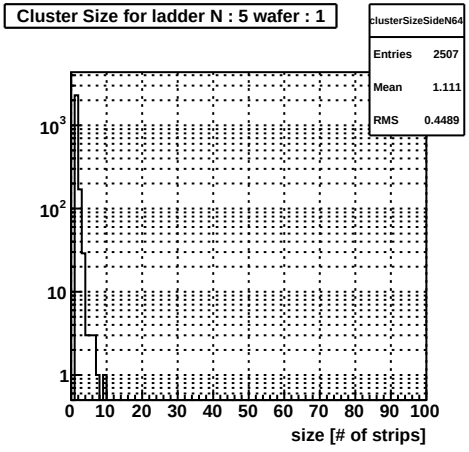

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 1669
Mean 1.299
RMS 0.7102
size [# of strips]

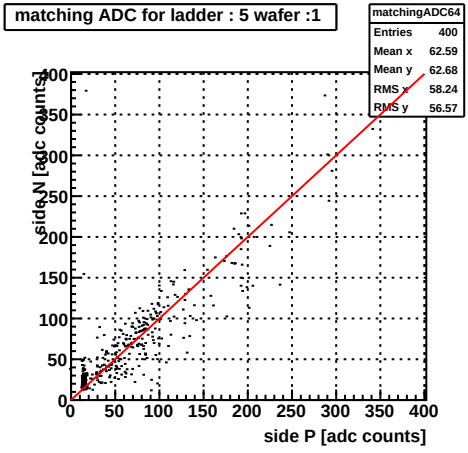

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 356
Mean x 95.1
Mean y 104.8
RMS x 64.17
RMS y 67.86
side N [adc counts]
side P [adc counts]

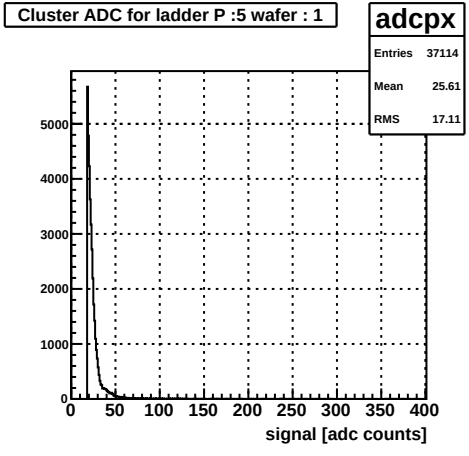

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 1376
Mean 47.34
RMS 47.1
signal [adc counts]

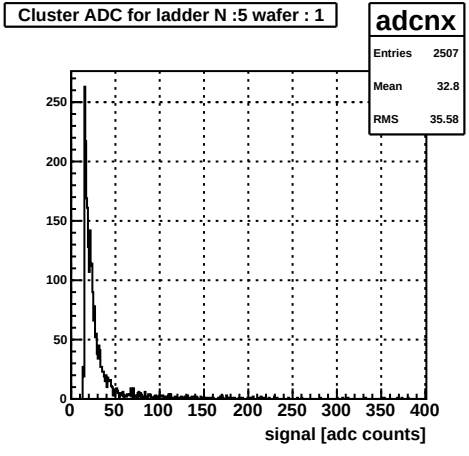

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 1669
Mean 48.95
RMS 58.63
signal [adc counts]

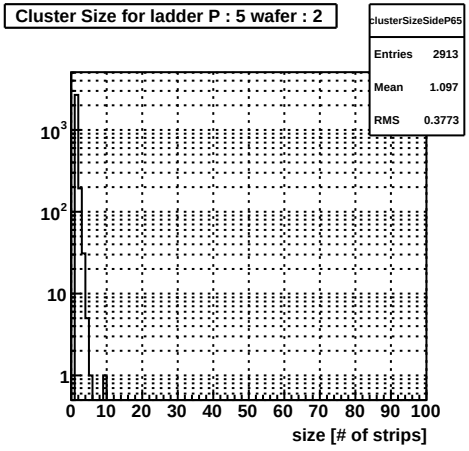

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 37114
Mean 1.04
RMS 0.2173
size [# of strips]

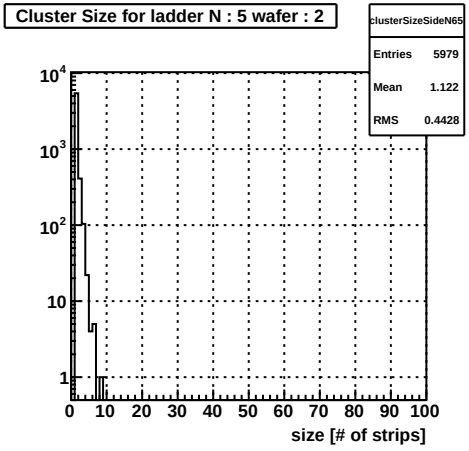

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 2507
Mean 1.111
RMS 0.4489
size [# of strips]

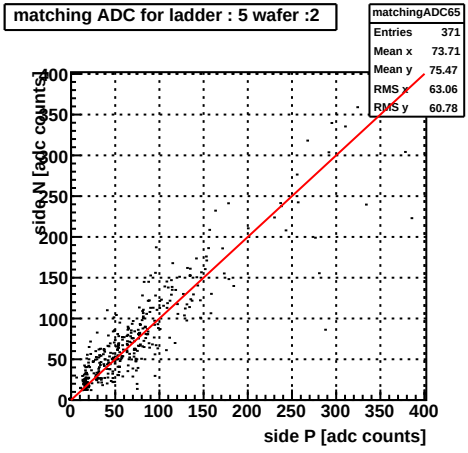

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 400
Mean x 62.59
Mean y 62.68
RMS x 58.24
RMS y 56.57
side N [adc counts]
side P [adc counts]

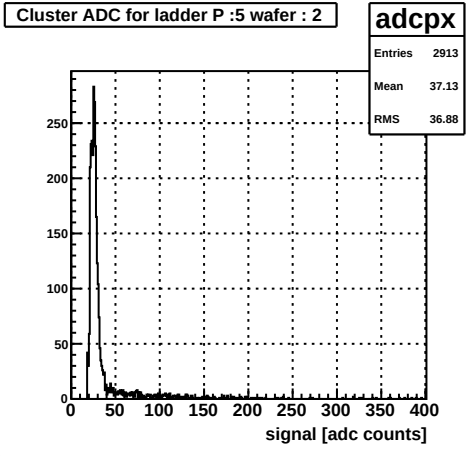

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 37114
Mean 25.61
RMS 17.11
signal [adc counts]

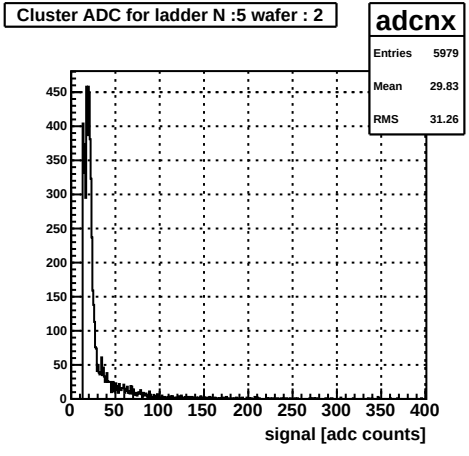

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 2507
Mean 32.8
RMS 35.58
signal [adc counts]

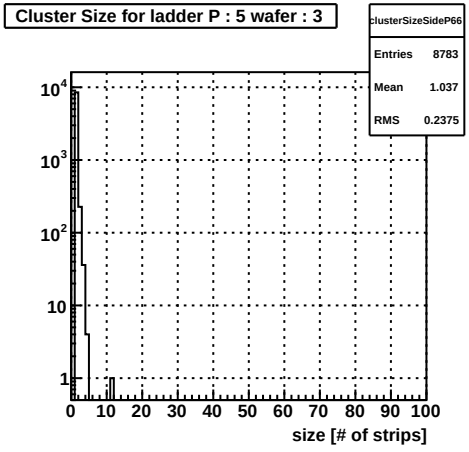

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 2913
Mean 1.097
RMS 0.3773
size [# of strips]

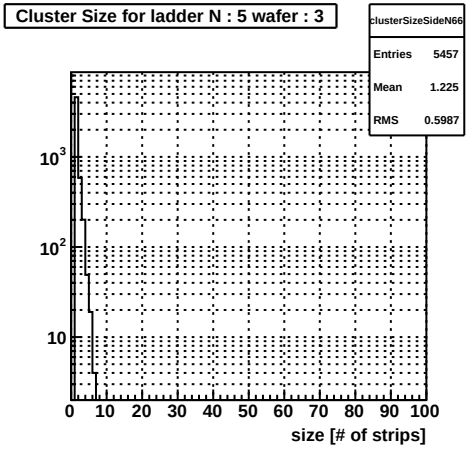

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 5979
Mean 1.122
RMS 0.4428
size [# of strips]

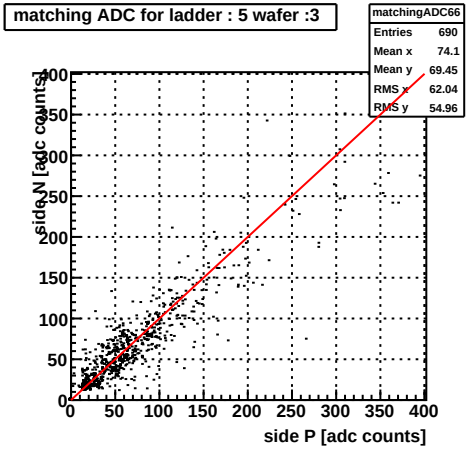

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 371
Mean x 73.71
Mean y 75.47
RMS x 63.06
RMS y 60.78
side N [adc counts]
side P [adc counts]

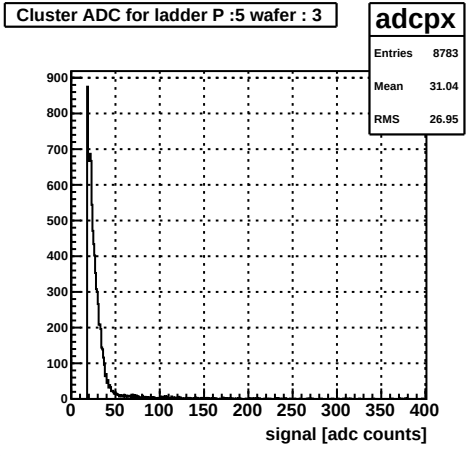

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 2913
Mean 37.13
RMS 36.88
signal [adc counts]

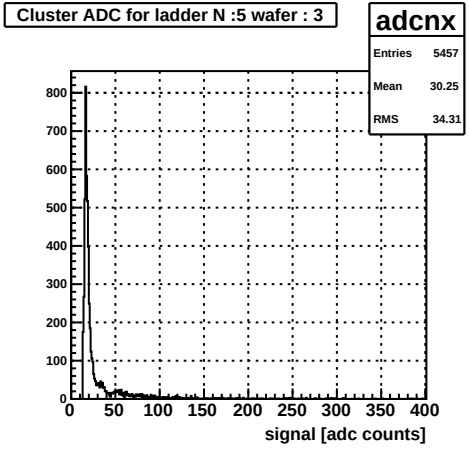

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 5979
Mean 29.83
RMS 31.26
signal [adc counts]

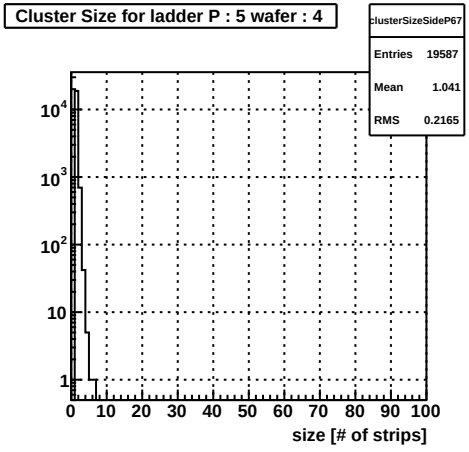

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 8783
Mean 1.037
RMS 0.2375
size [# of strips]

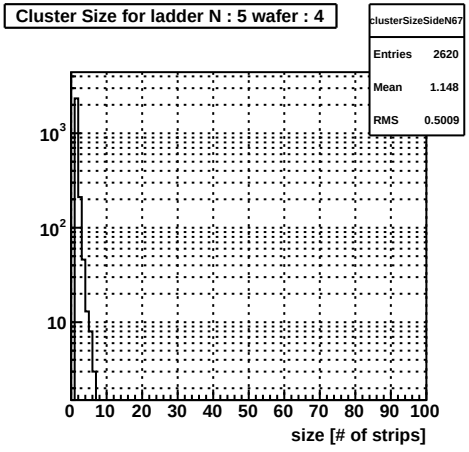

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 5457
Mean 1.225
RMS 0.5987
size [# of strips]

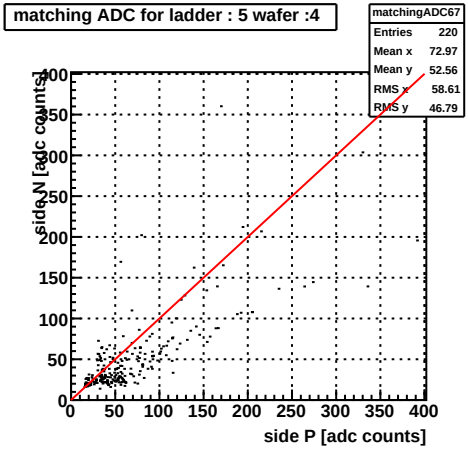

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 690
Mean x 74.1
Mean y 69.45
RMS x 62.04
RMS y 54.96
side N [adc counts]
side P [adc counts]

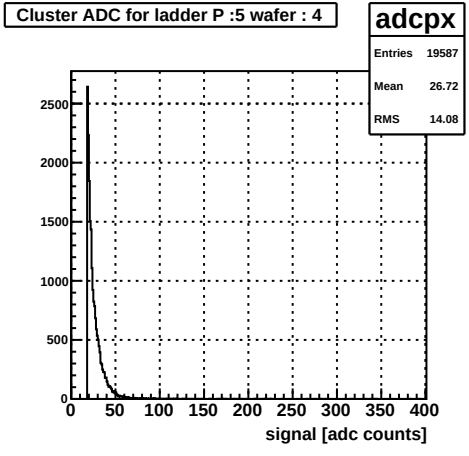

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 8783
Mean 31.04
RMS 26.95
signal [adc counts]

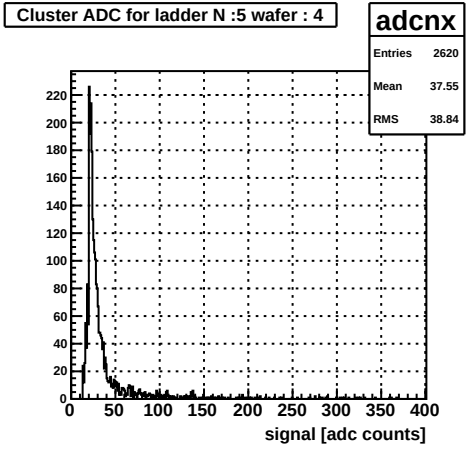

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 5457
Mean 30.25
RMS 34.31
signal [adc counts]

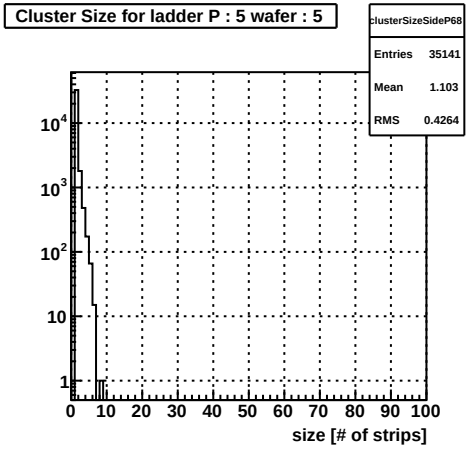

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 19587
Mean 1.041
RMS 0.2165
size [# of strips]

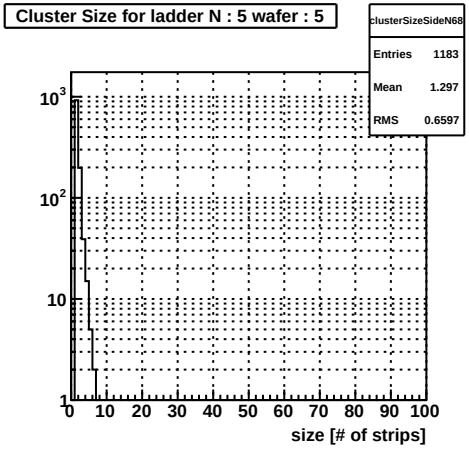

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 2620
Mean 1.148
RMS 0.5009
size [# of strips]

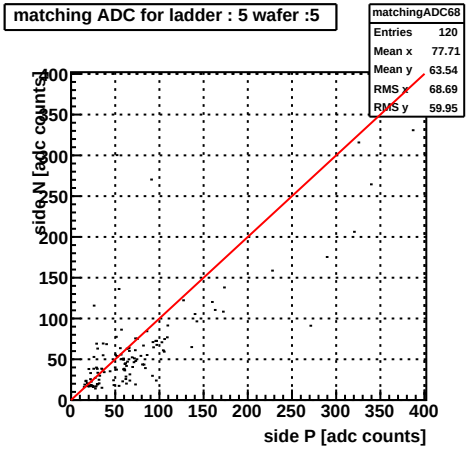

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 220
Mean x 72.97
Mean y 52.56
RMS x 58.61
RMS y 46.79
side N [adc counts]
side P [adc counts]

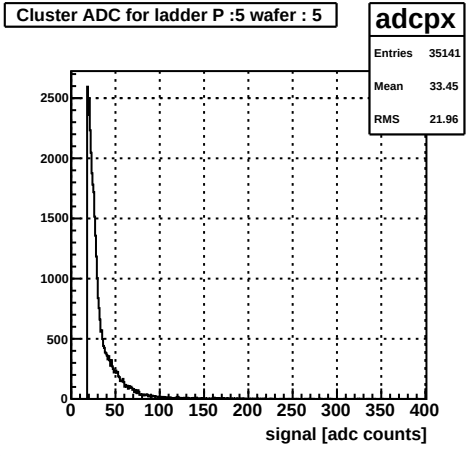

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 19587
Mean 26.72
RMS 14.08
signal [adc counts]

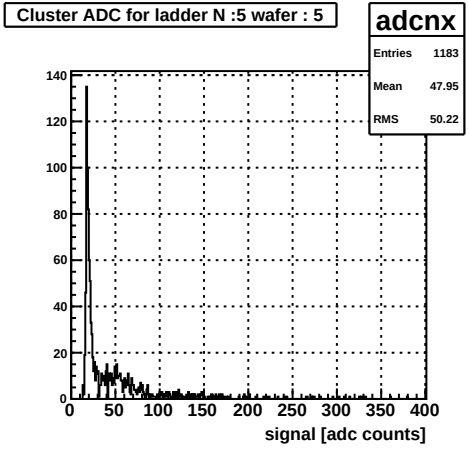

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 2620
Mean 37.55
RMS 38.84
signal [adc counts]

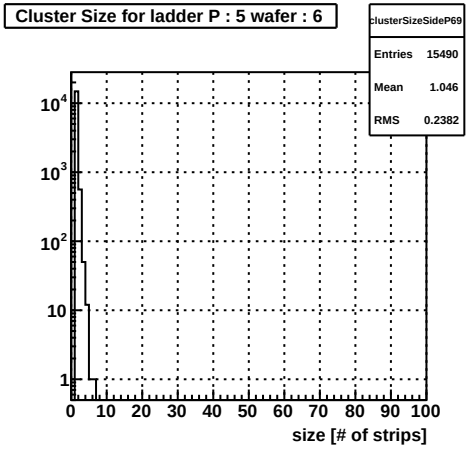

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 35141
Mean 1.103
RMS 0.4264
size [# of strips]

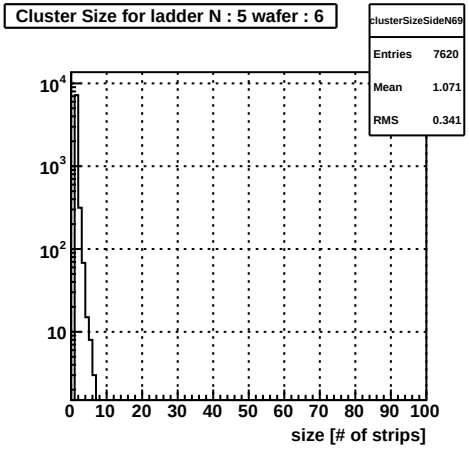

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 1183
Mean 1.297
RMS 0.6597
size [# of strips]

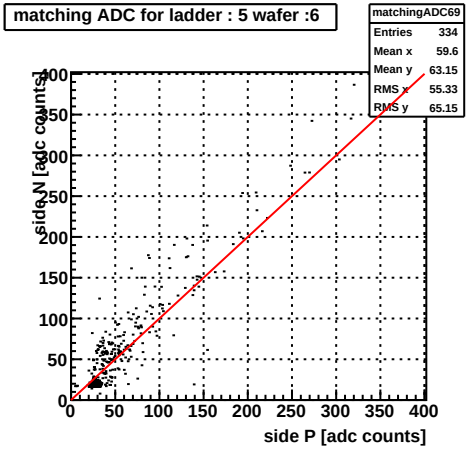

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 120
Mean x 77.71
Mean y 63.54
RMS x 68.69
RMS y 59.95
side N [adc counts]
side P [adc counts]

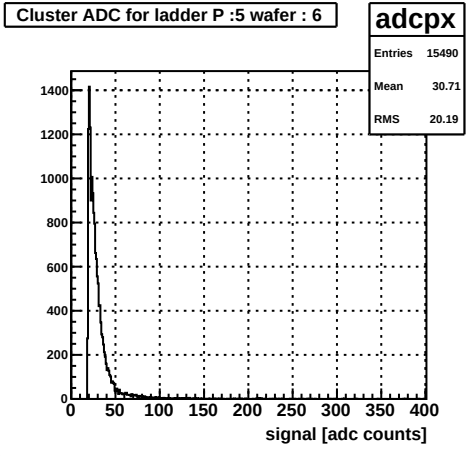

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 35141
Mean 33.45
RMS 21.96
signal [adc counts]

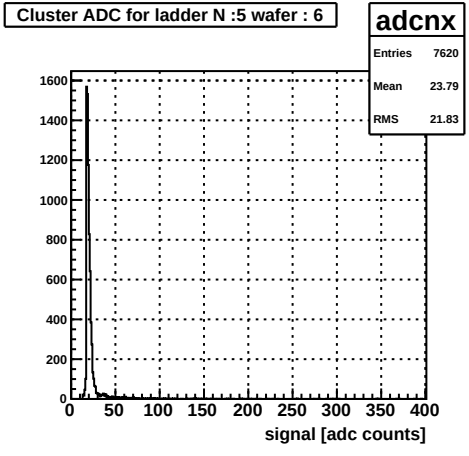

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 1183
Mean 47.95
RMS 50.22
signal [adc counts]

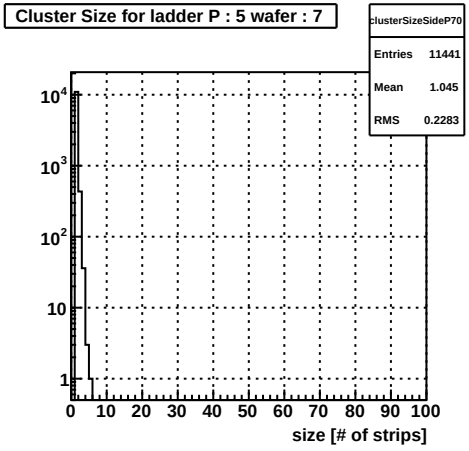

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 15490
Mean 1.046
RMS 0.2382
size [# of strips]

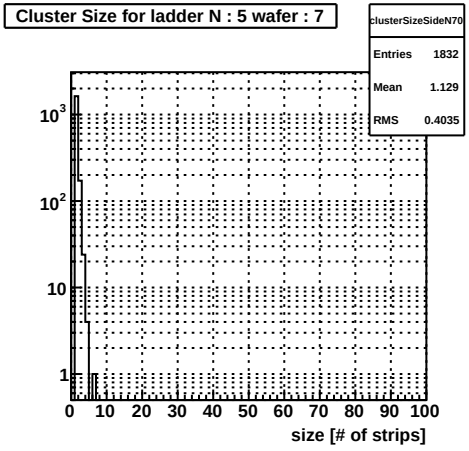

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 7620
Mean 1.071
RMS 0.341
size [# of strips]

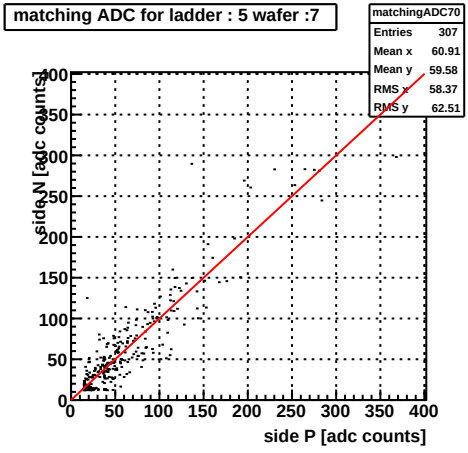

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 334
Mean x 59.6
Mean y 63.15
RMS x 55.33
RMS y 65.15
side N [adc counts]
side P [adc counts]

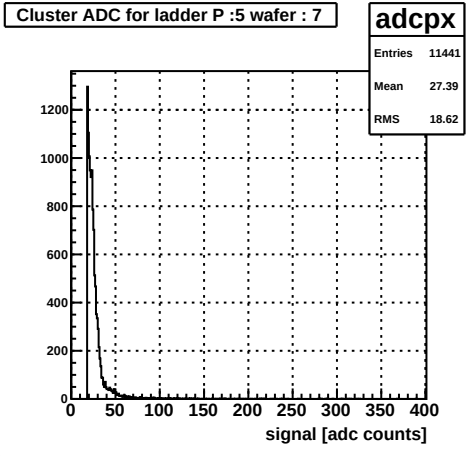

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 15490
Mean 30.71
RMS 20.19
signal [adc counts]

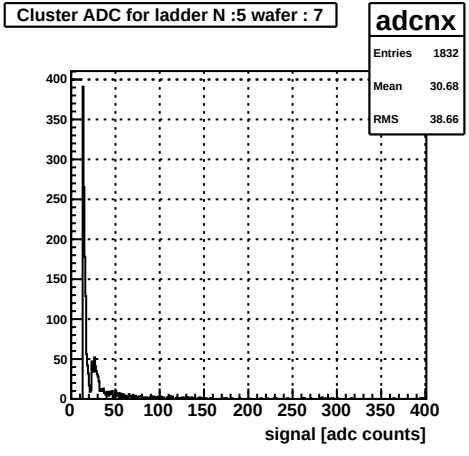

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 7620
Mean 23.79
RMS 21.83
signal [adc counts]

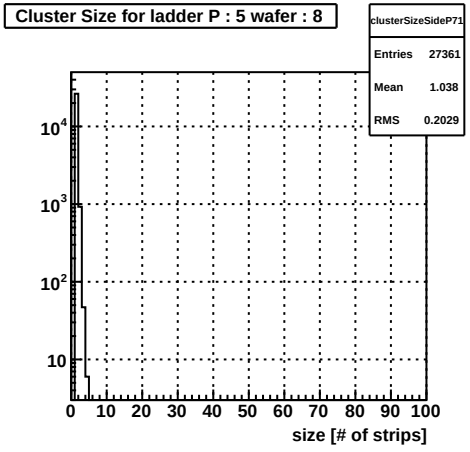

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 11441
Mean 1.045
RMS 0.2283
size [# of strips]

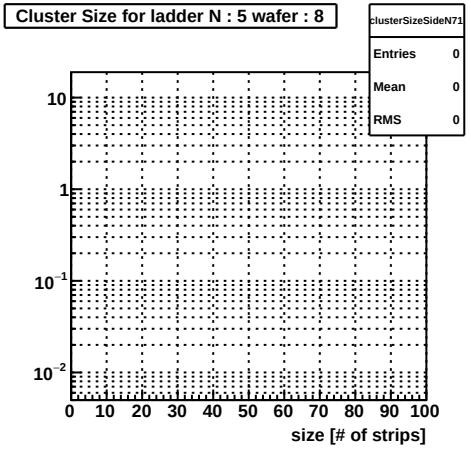

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1832
Mean 1.129
RMS 0.4035
size [# of strips]

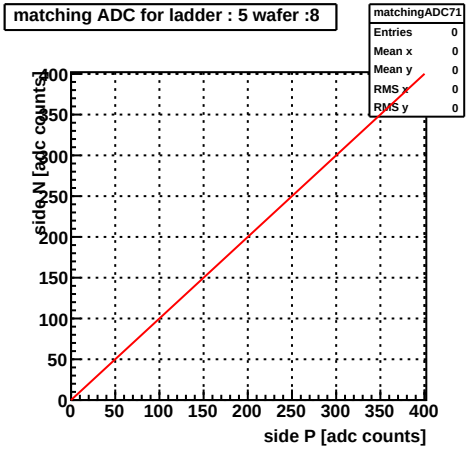

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 307
Mean x 60.91
Mean y 59.58
RMS x 58.37
RMS y 62.51
side N [adc counts]
side P [adc counts]

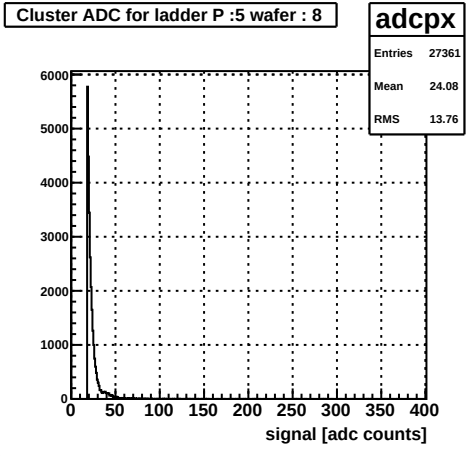

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 11441
Mean 27.39
RMS 18.62
signal [adc counts]

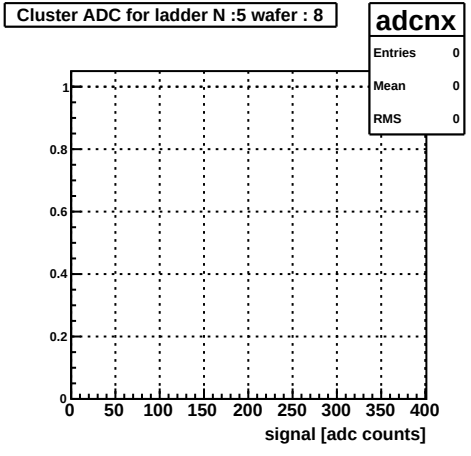

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1832
Mean 30.68
RMS 38.66
signal [adc counts]

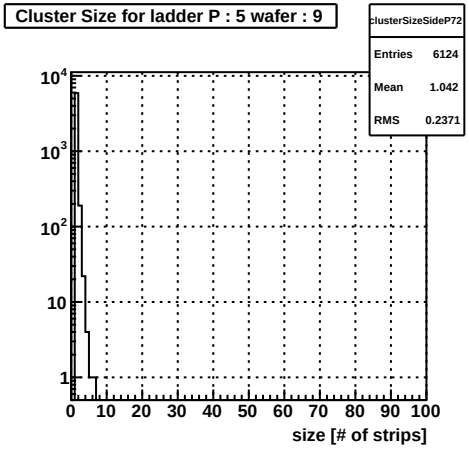

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 27361
Mean 1.038
RMS 0.2029
size [# of strips]

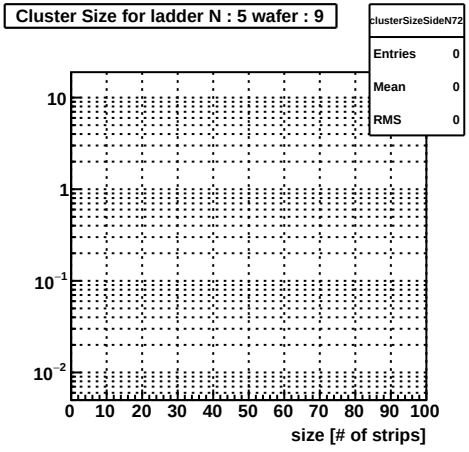

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

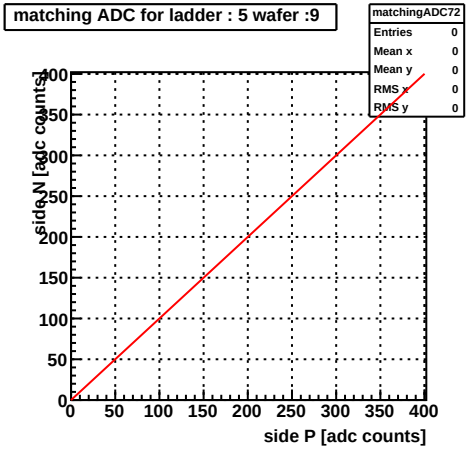

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

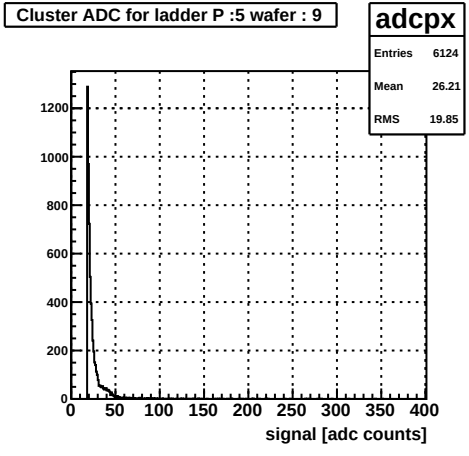

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 27361
Mean 24.08
RMS 13.76
signal [adc counts]

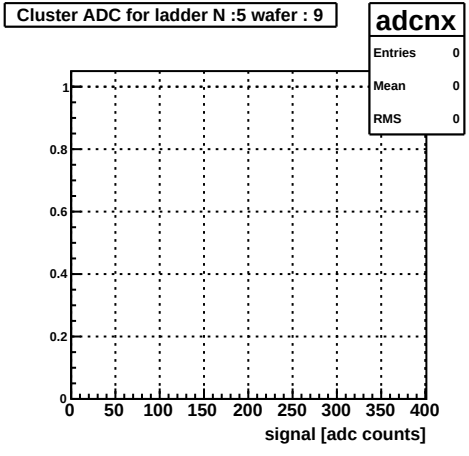

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

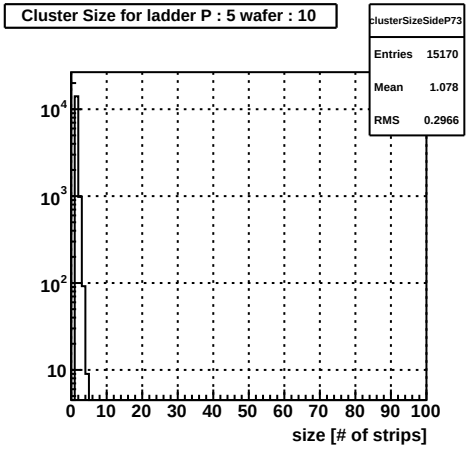

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 6124
Mean 1.042
RMS 0.2371
size [# of strips]

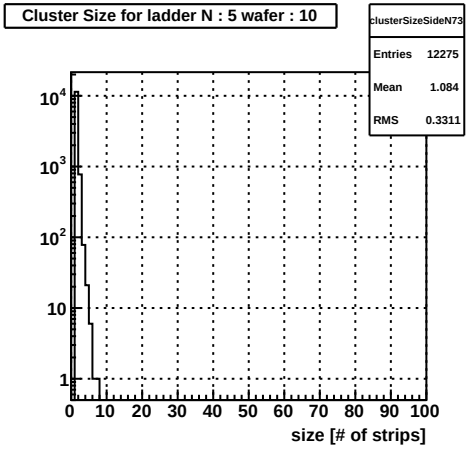

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

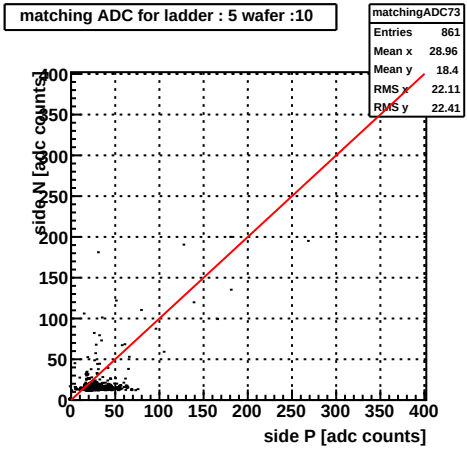

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

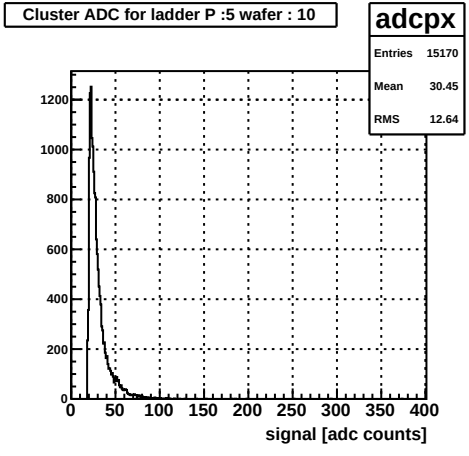

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 6124
Mean 26.21
RMS 19.85
signal [adc counts]

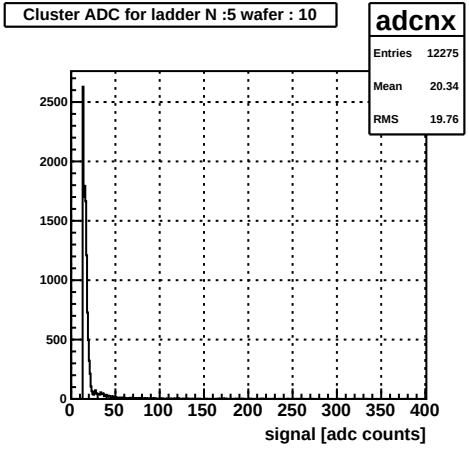

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

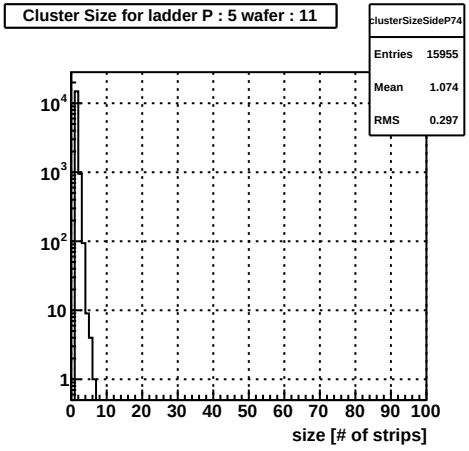

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 15170
Mean 1.078
RMS 0.2966
size [# of strips]

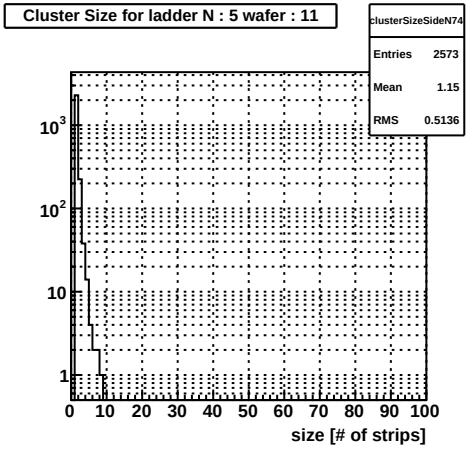

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 12275
Mean 1.084
RMS 0.3311
size [# of strips]

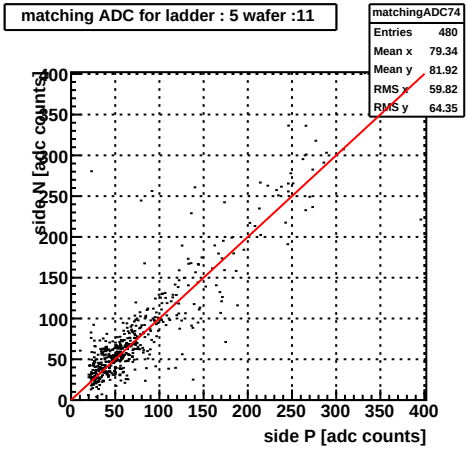

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 861
Mean x 28.96
Mean y 18.4
RMS x 22.11
RMS y 22.41
side N [adc counts]
side P [adc counts]

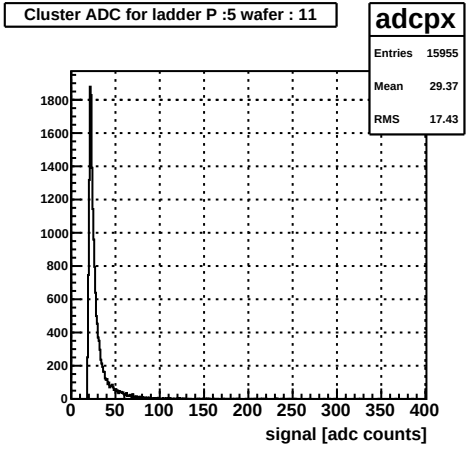

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 15170
Mean 30.45
RMS 12.64
signal [adc counts]

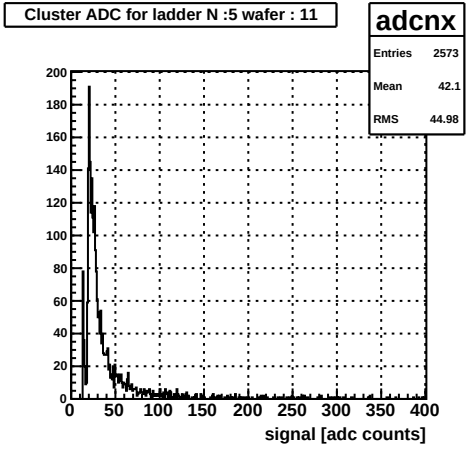

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 12275
Mean 20.34
RMS 19.76
signal [adc counts]

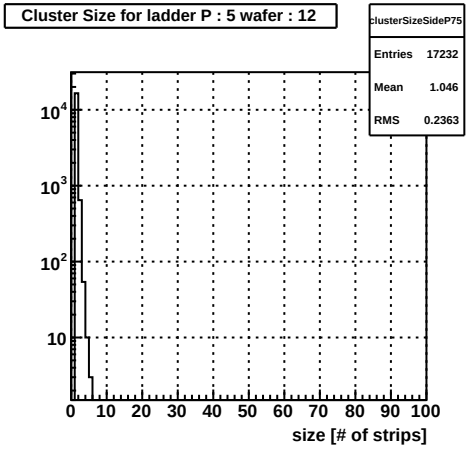

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 15955
Mean 1.074
RMS 0.297
size [# of strips]

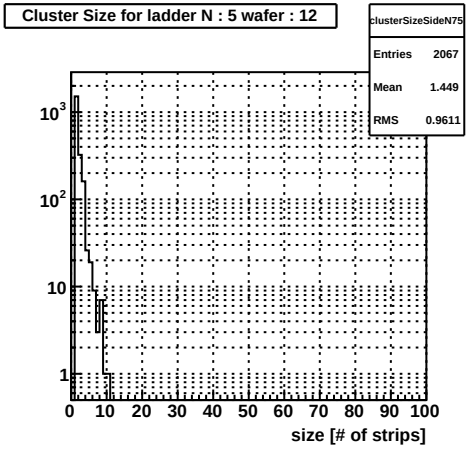

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 2573
Mean 1.15
RMS 0.5136
size [# of strips]

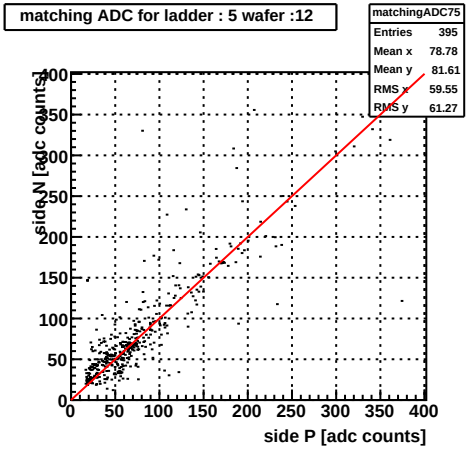

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 480
Mean x 79.34
Mean y 81.92
RMS x 59.82
RMS y 64.35
side N [adc counts]
side P [adc counts]

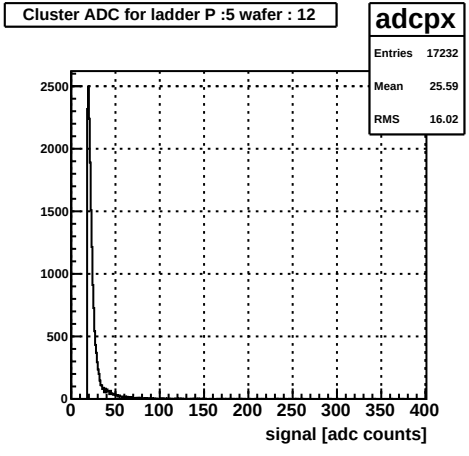

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 15955
Mean 29.37
RMS 17.43
signal [adc counts]

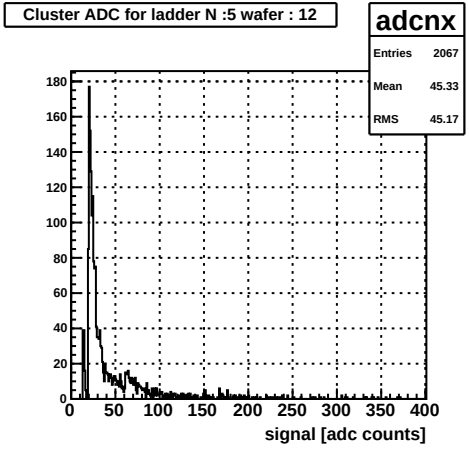

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 2573
Mean 42.1
RMS 44.98
signal [adc counts]

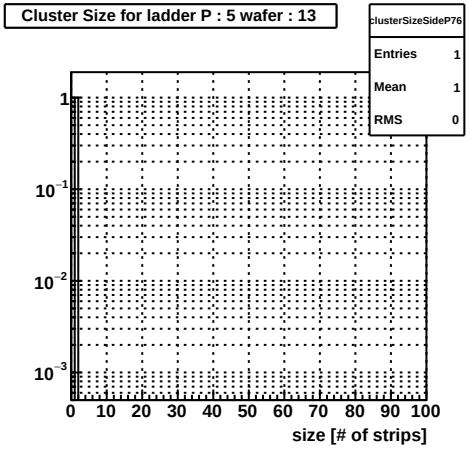

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 17232
Mean 1.046
RMS 0.2363
size [# of strips]

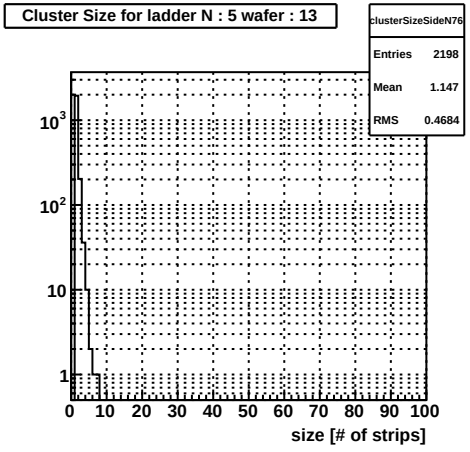

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 2067
Mean 1.449
RMS 0.9611
size [# of strips]

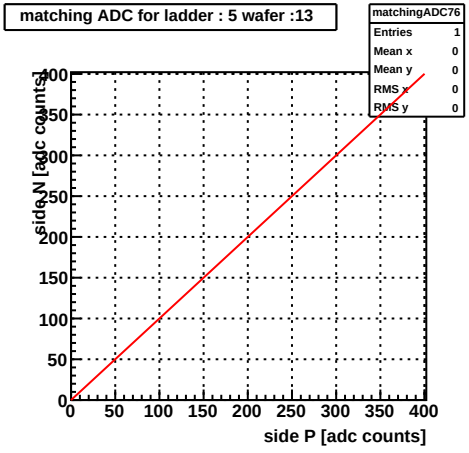

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 395
Mean x 78.78
Mean y 81.61
RMS x 59.55
RMS y 61.27
side N [adc counts]
side P [adc counts]

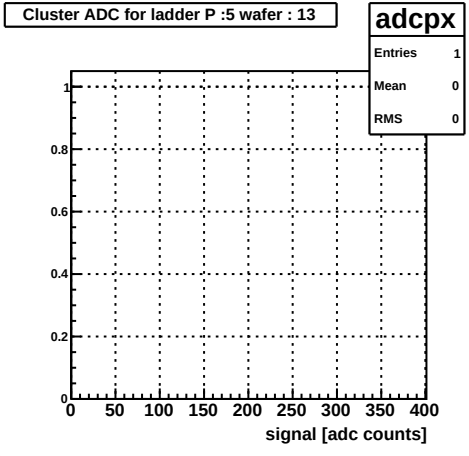

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 17232
Mean 25.59
RMS 16.02
signal [adc counts]

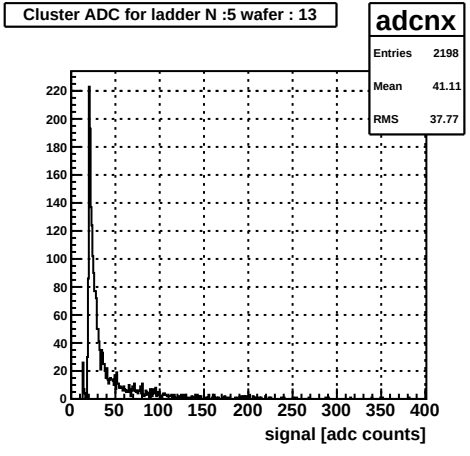

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 2067
Mean 45.33
RMS 45.17
signal [adc counts]

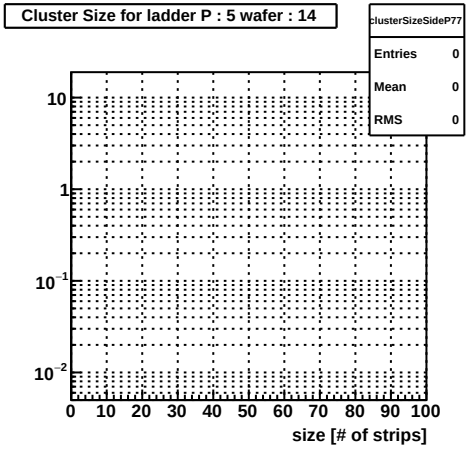

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 1
Mean 1
RMS 0
size [# of strips]

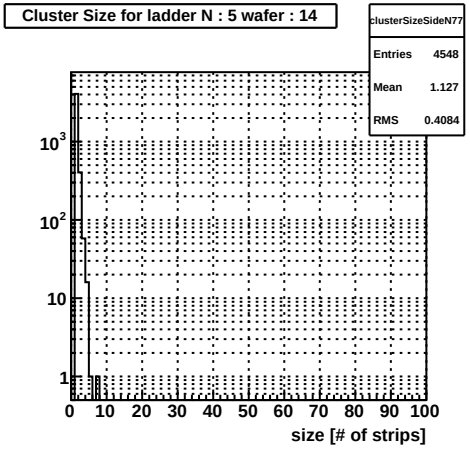

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 2198
Mean 1.147
RMS 0.4684
size [# of strips]

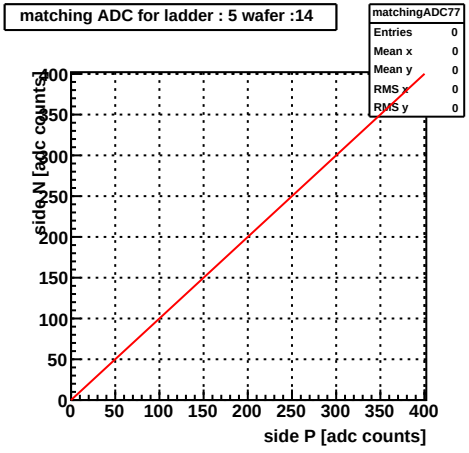

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

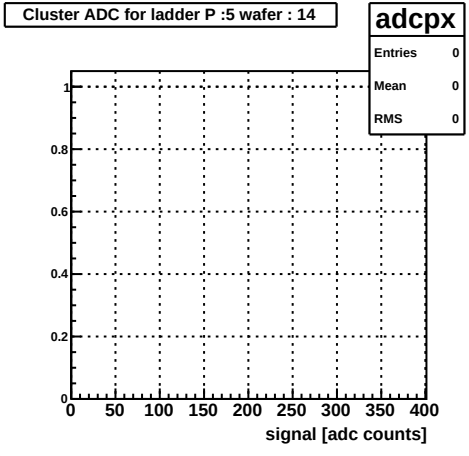

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

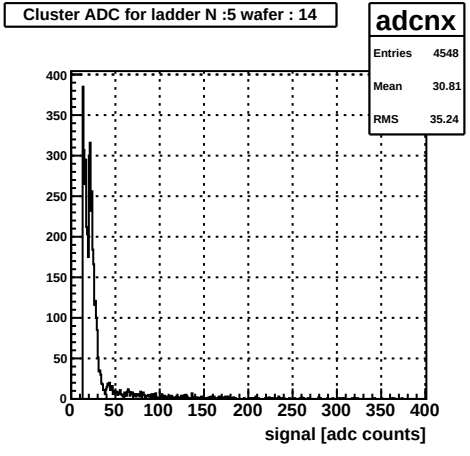

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 2198
Mean 41.11
RMS 37.77
signal [adc counts]

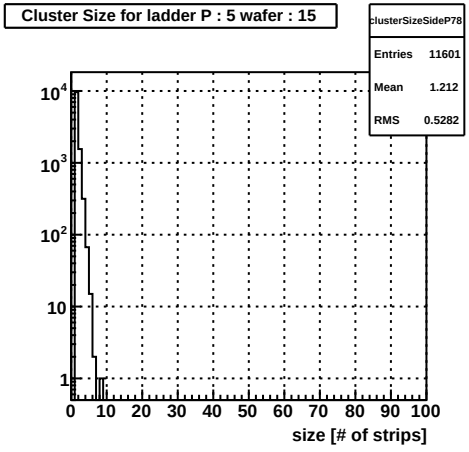

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

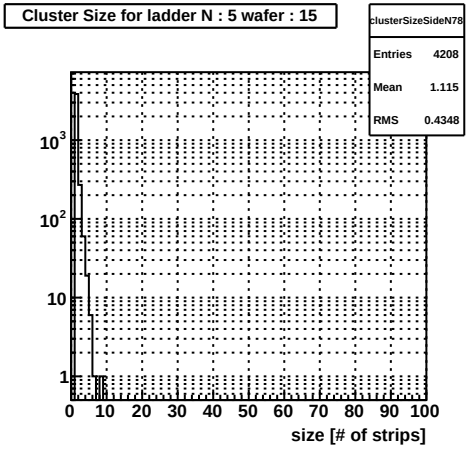

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 4548
Mean 1.127
RMS 0.4084
size [# of strips]

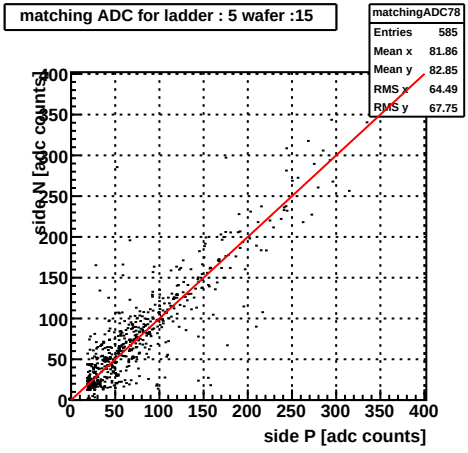

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

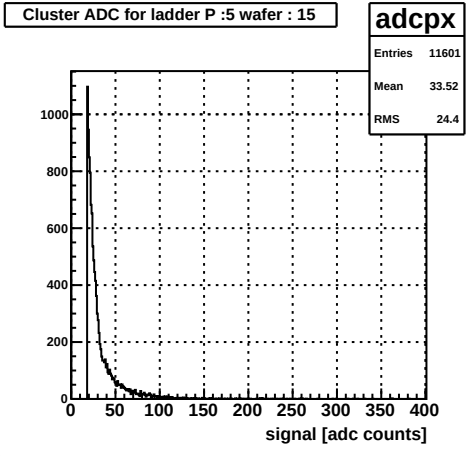

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

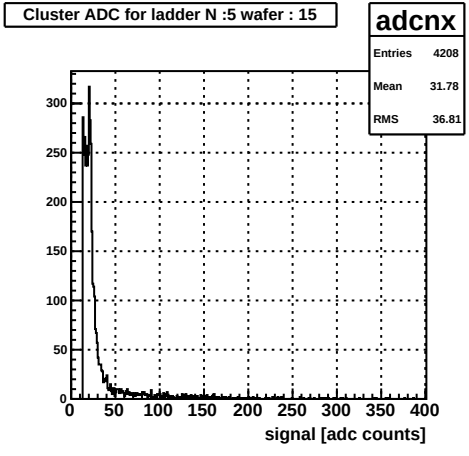

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 4548
Mean 30.81
RMS 35.24
signal [adc counts]

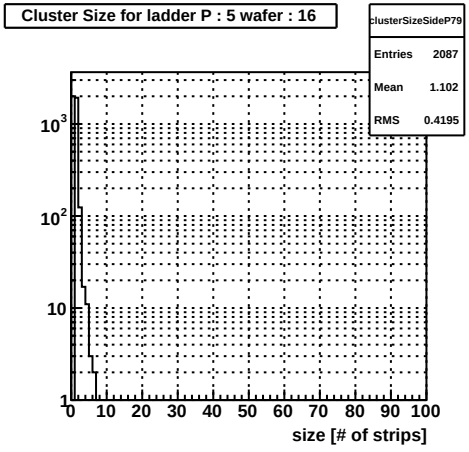

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 11601
Mean 1.212
RMS 0.5282
size [# of strips]

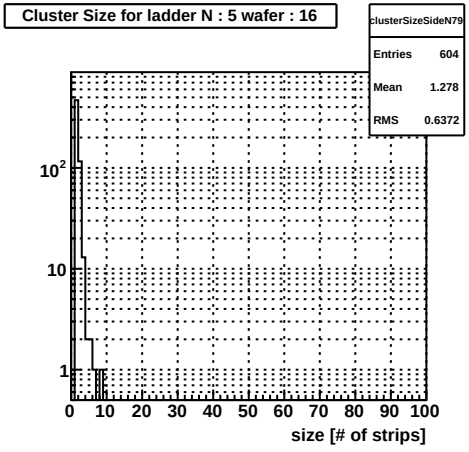

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 4208
Mean 1.115
RMS 0.4348
size [# of strips]

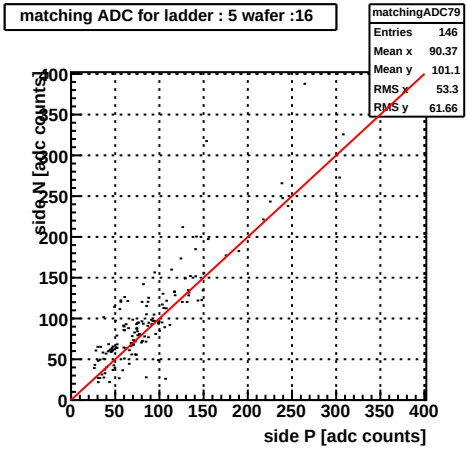

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 585
Mean x 81.86
Mean y 82.85
RMS x 64.49
RMS y 67.75
side N [adc counts]
side P [adc counts]

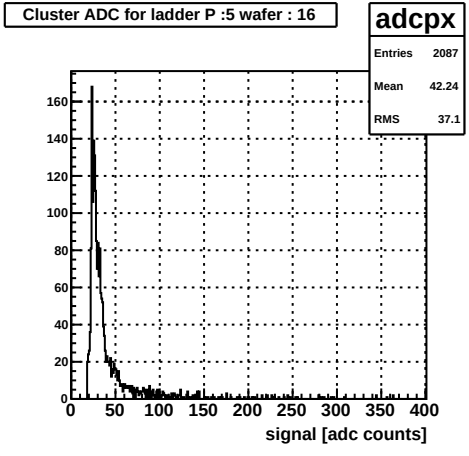

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 11601
Mean 33.52
RMS 24.4
signal [adc counts]

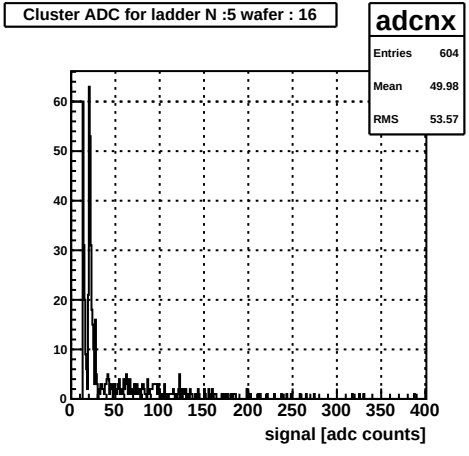

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 4208
Mean 31.78
RMS 36.81
signal [adc counts]

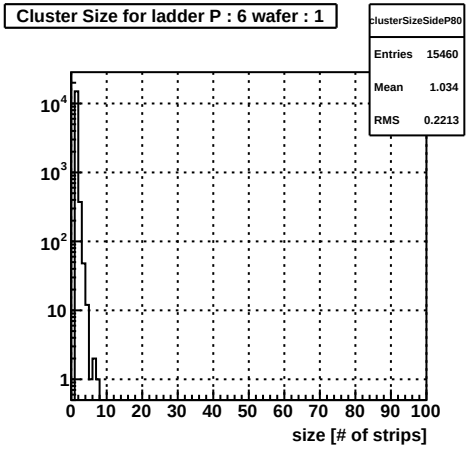

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 2087
Mean 1.102
RMS 0.4195
size [# of strips]

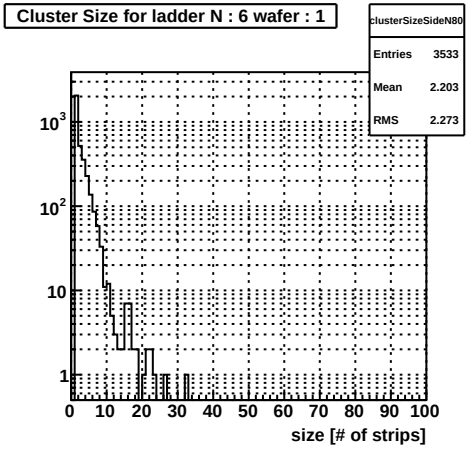

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 604
Mean 1.278
RMS 0.6372
size [# of strips]

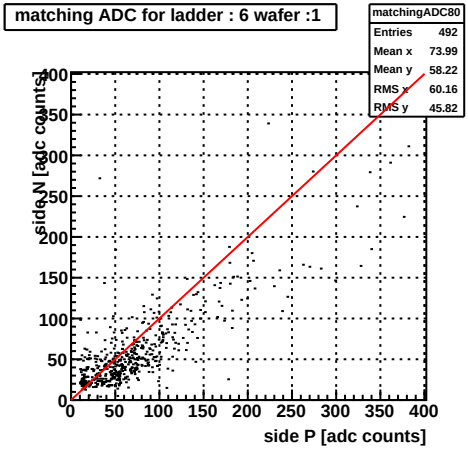

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 146
Mean x 90.37
Mean y 101.1
RMS x 53.3
RMS y 61.66
side N [adc counts]
side P [adc counts]

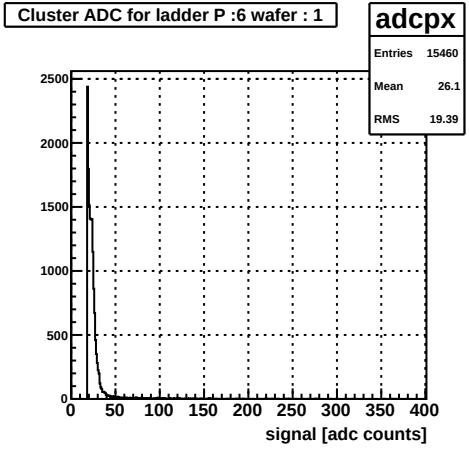

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 2087
Mean 42.24
RMS 37.1
signal [adc counts]

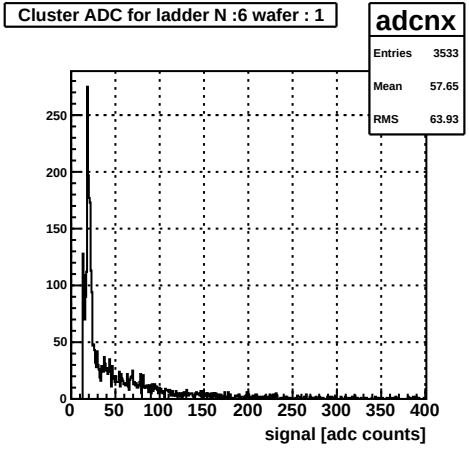

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 604
Mean 49.98
RMS 53.57
signal [adc counts]

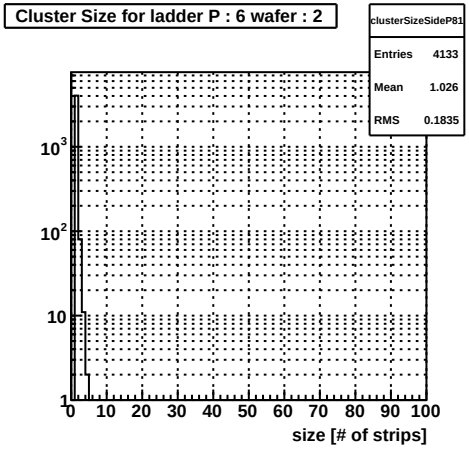

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 15460
Mean 1.034
RMS 0.2213
size [# of strips]

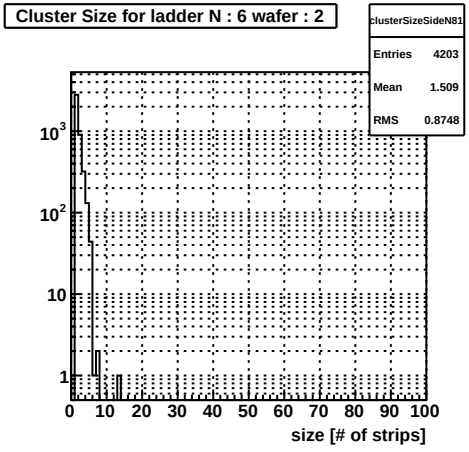

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 3533
Mean 2.203
RMS 2.273
size [# of strips]

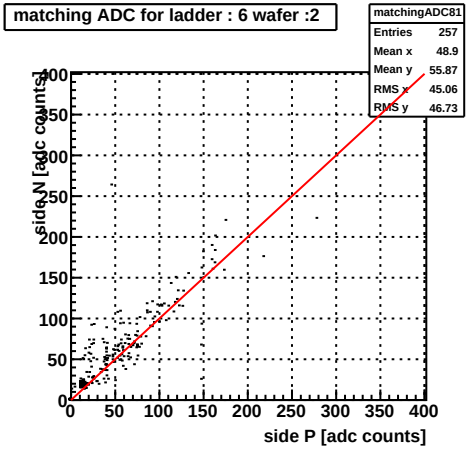

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 492
Mean x 73.99
Mean y 58.22
RMS x 60.16
RMS y 45.82
side N [adc counts]
side P [adc counts]

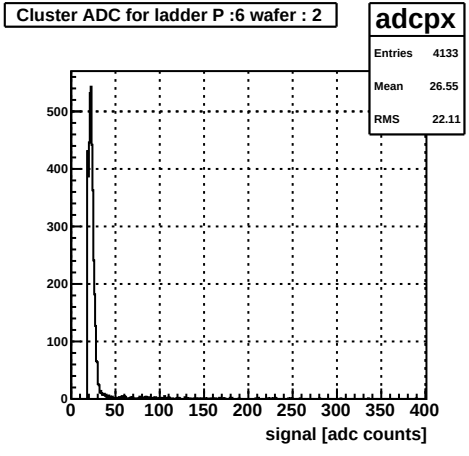

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 15460
Mean 26.1
RMS 19.39
signal [adc counts]

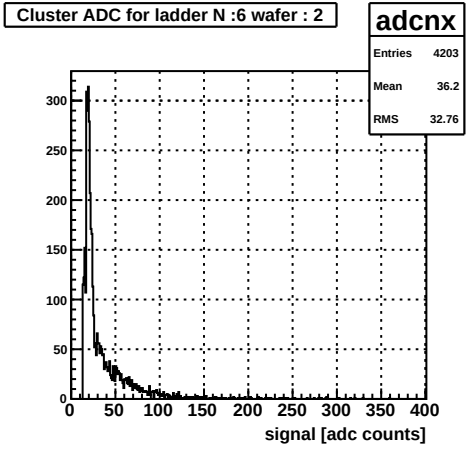

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 3533
Mean 57.65
RMS 63.93
signal [adc counts]

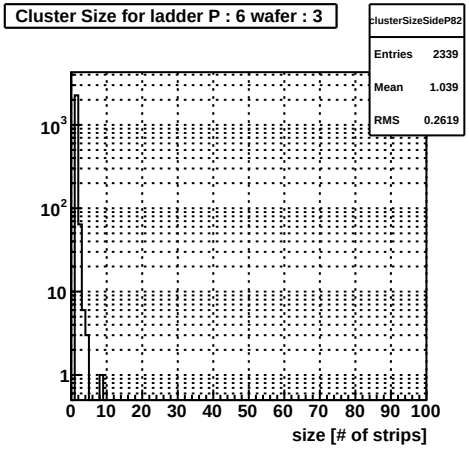

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 4133
Mean 1.026
RMS 0.1835
size [# of strips]

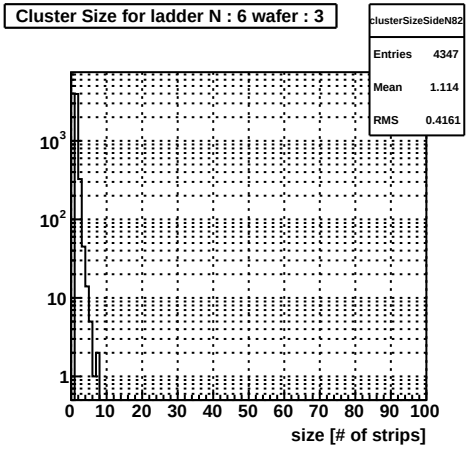

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 4203
Mean 1.509
RMS 0.8748
size [# of strips]

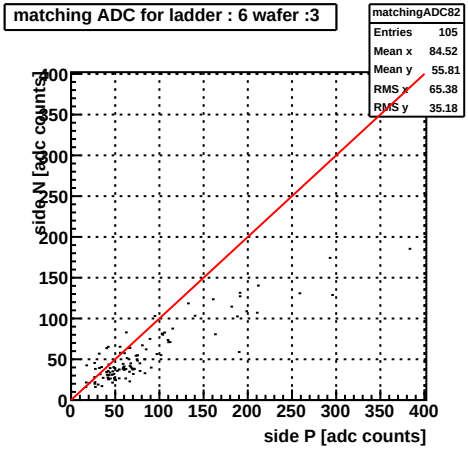

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 257
Mean x 48.9
Mean y 55.87
RMS x 45.06
RMS y 46.73
side N [adc counts]
side P [adc counts]

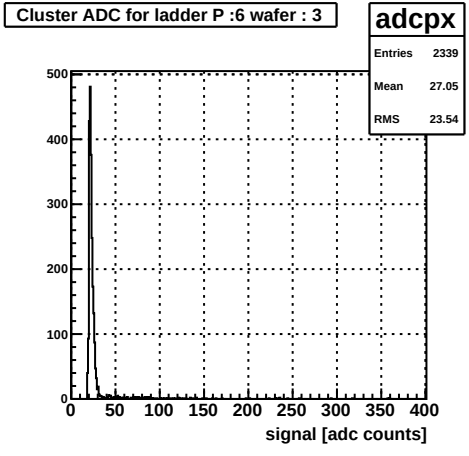

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 4133
Mean 26.55
RMS 22.11
signal [adc counts]

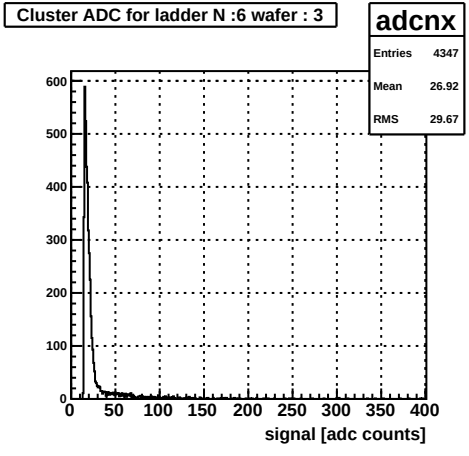

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 4203
Mean 36.2
RMS 32.76
signal [adc counts]

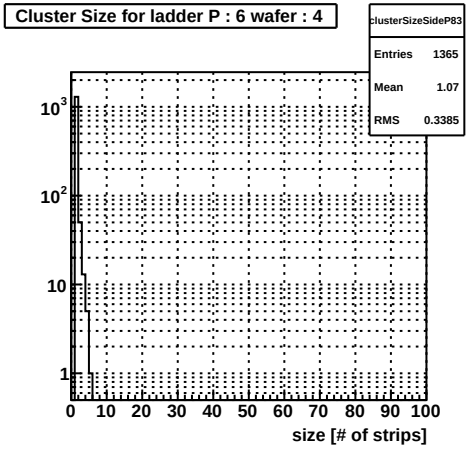

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 2339
Mean 1.039
RMS 0.2619
size [# of strips]

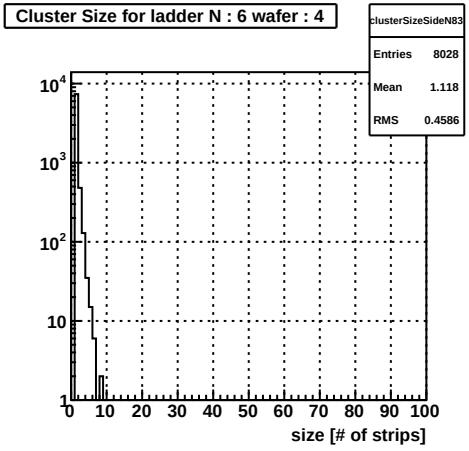

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 4347
Mean 1.114
RMS 0.4161
size [# of strips]

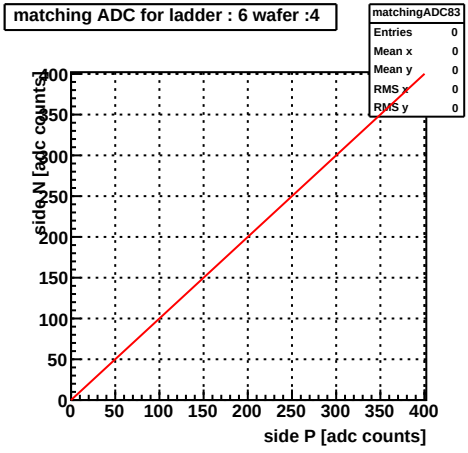

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 105
Mean x 84.52
Mean y 55.81
RMS x 65.38
RMS y 35.18
side N [adc counts]
side P [adc counts]

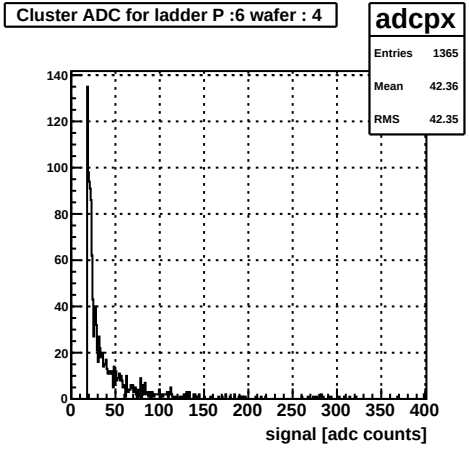

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 2339
Mean 27.05
RMS 23.54
signal [adc counts]

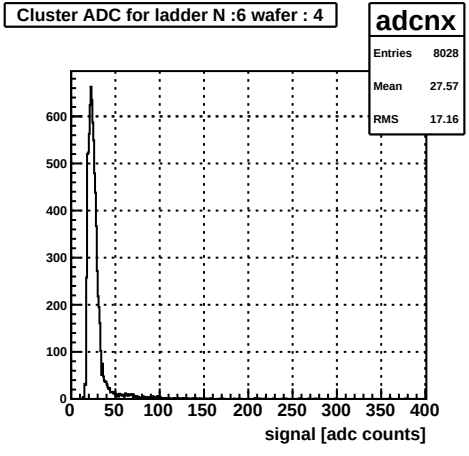

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 4347
Mean 26.92
RMS 29.67
signal [adc counts]

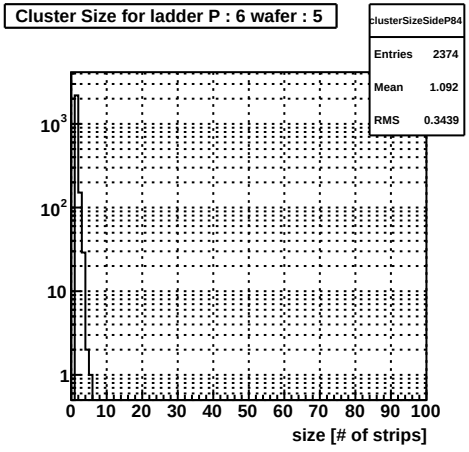

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 1365
Mean 1.07
RMS 0.3385
size [# of strips]

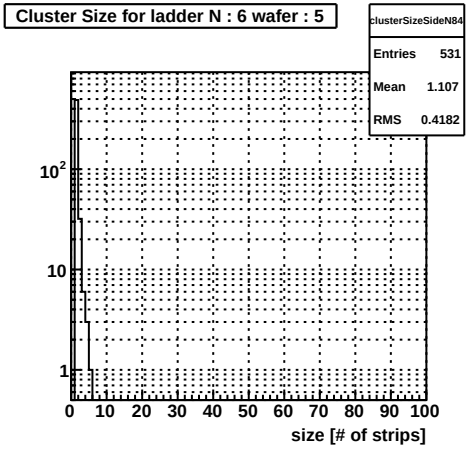

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 8028
Mean 1.118
RMS 0.4586
size [# of strips]

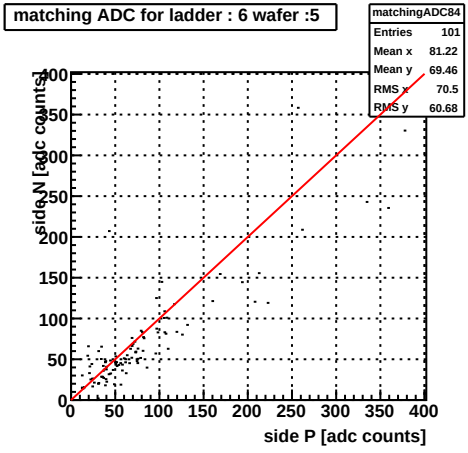

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

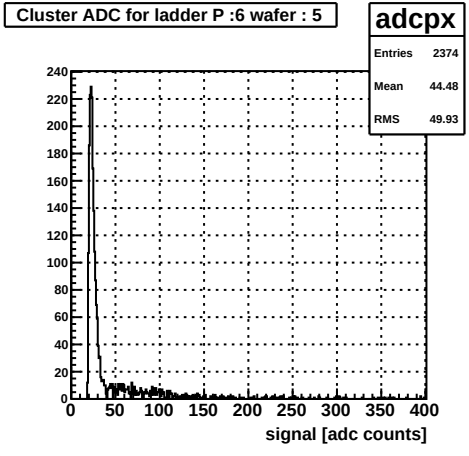

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 1365
Mean 42.36
RMS 42.35
signal [adc counts]

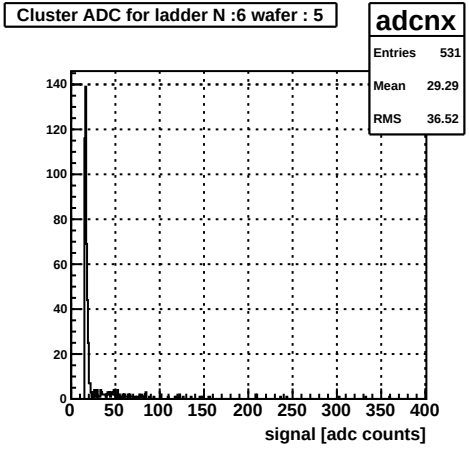

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 8028
Mean 27.57
RMS 17.16
signal [adc counts]

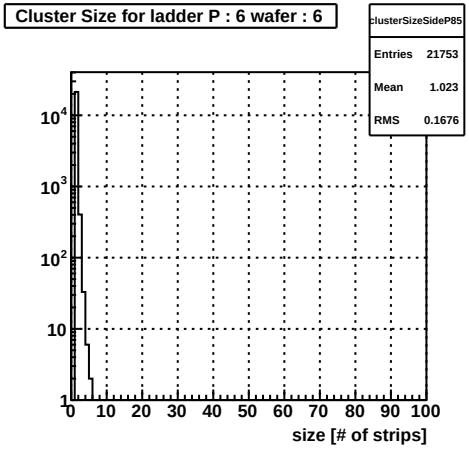

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 2374
Mean 1.092
RMS 0.3439
size [# of strips]

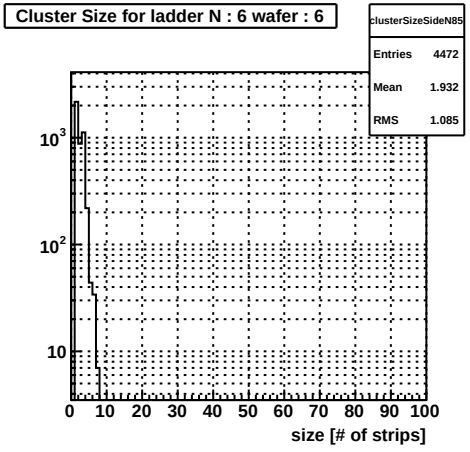

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 531
Mean 1.107
RMS 0.4182
size [# of strips]

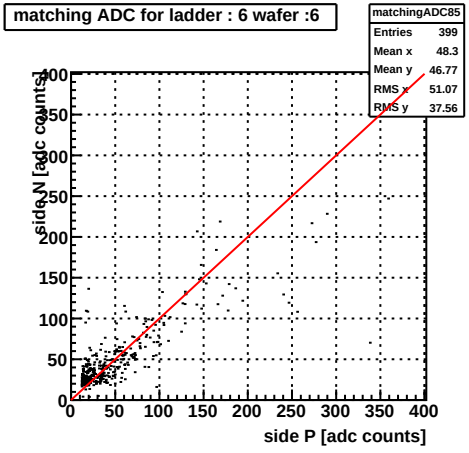

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 101
Mean x 81.22
Mean y 69.46
RMS x 70.5
RMS y 60.68
side N [adc counts]
side P [adc counts]

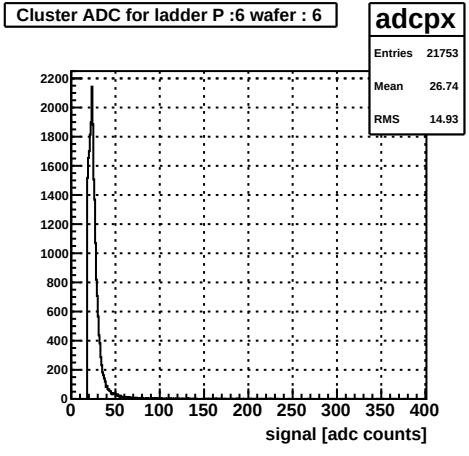

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 2374
Mean 44.48
RMS 49.93
signal [adc counts]

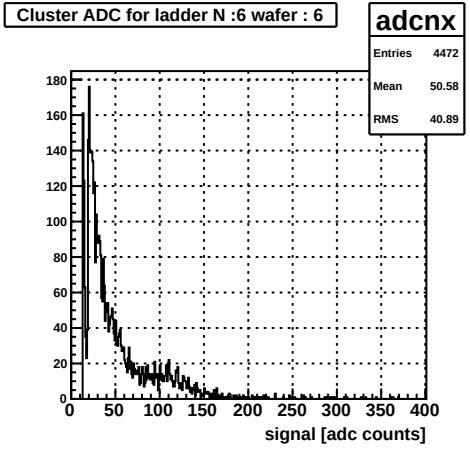

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 531
Mean 29.29
RMS 36.52
signal [adc counts]

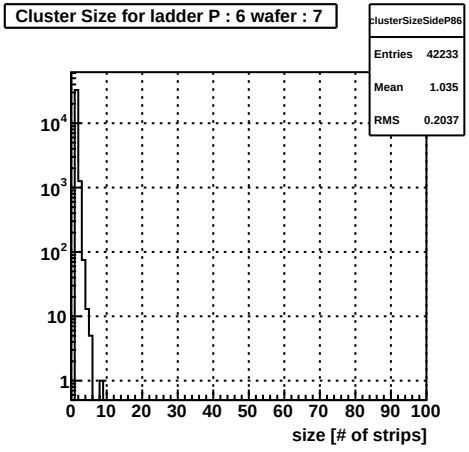

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 21753
Mean 1.023
RMS 0.1676
size [# of strips]

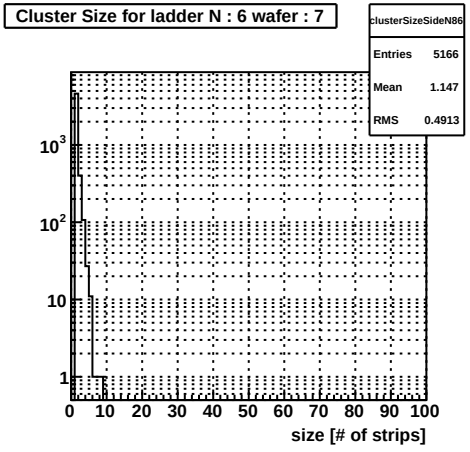

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 4472
Mean 1.932
RMS 1.085
size [# of strips]

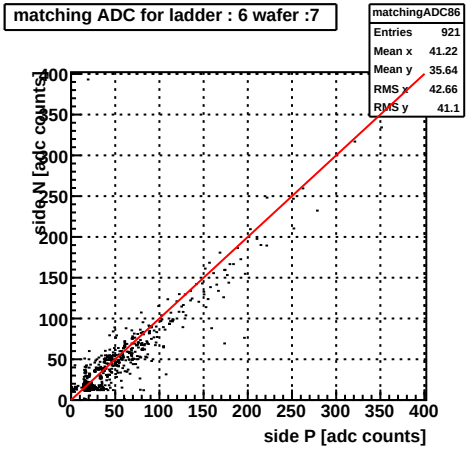

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 399
Mean x 48.3
Mean y 46.77
RMS x 51.07
RMS y 37.56
side N [adc counts]
side P [adc counts]

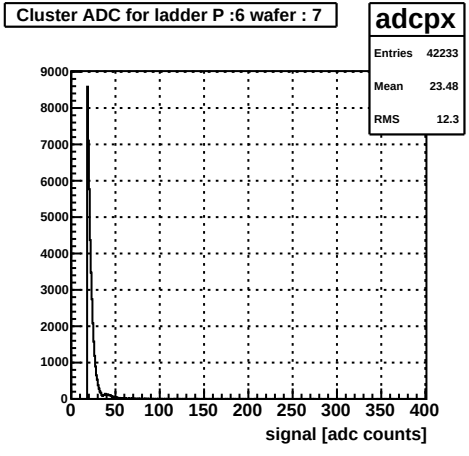

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 21753
Mean 26.74
RMS 14.93
signal [adc counts]

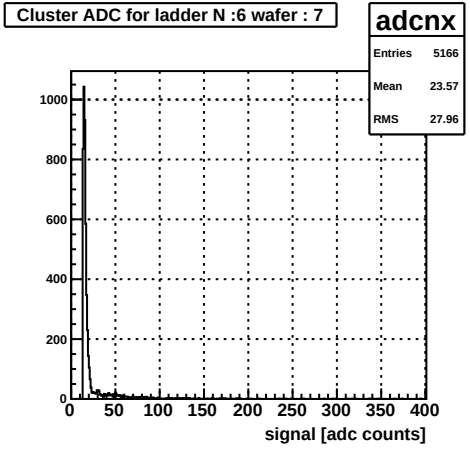

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 4472
Mean 50.58
RMS 40.89
signal [adc counts]

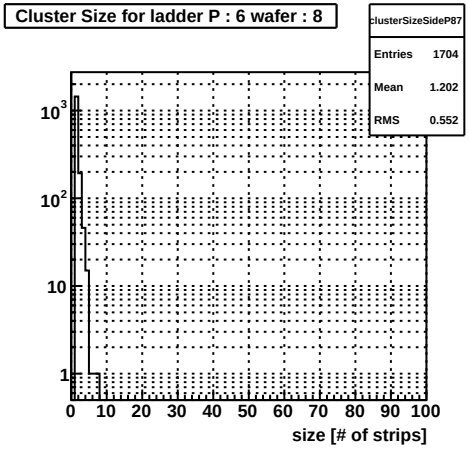

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 42233
Mean 1.035
RMS 0.2037
size [# of strips]

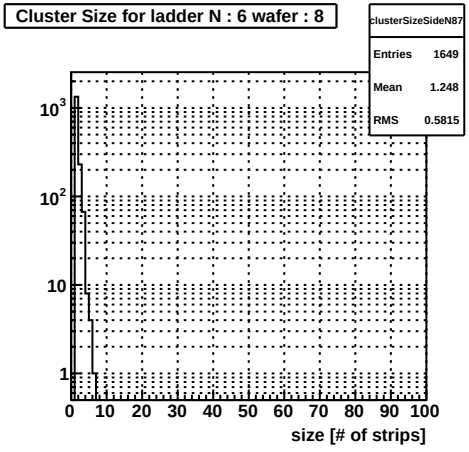

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 5166
Mean 1.147
RMS 0.4913
size [# of strips]

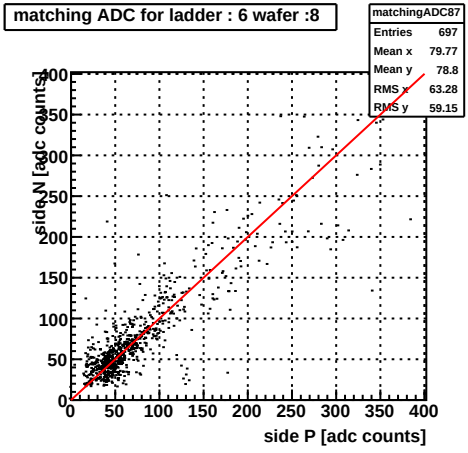

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 921
Mean x 41.22
Mean y 35.64
RMS x 42.66
RMS y 41.1
side N [adc counts]
side P [adc counts]

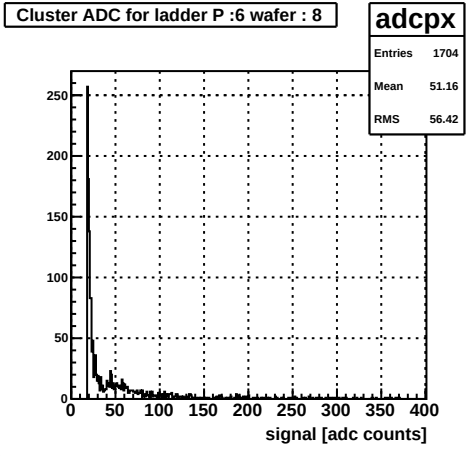

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 42233
Mean 23.48
RMS 12.3
signal [adc counts]

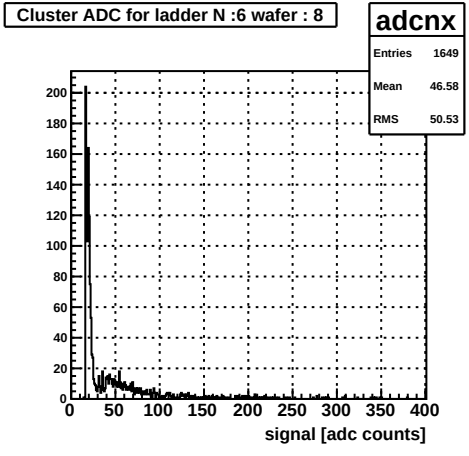

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 5166
Mean 23.57
RMS 27.96
signal [adc counts]

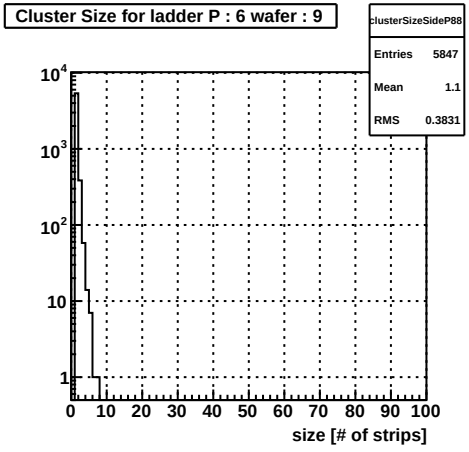

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1704
Mean 1.202
RMS 0.552
size [# of strips]

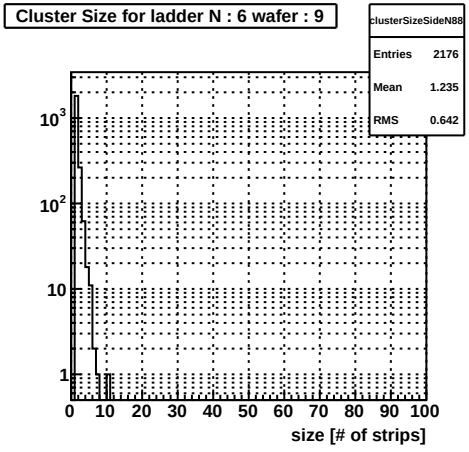

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 1649
Mean 1.248
RMS 0.5815
size [# of strips]

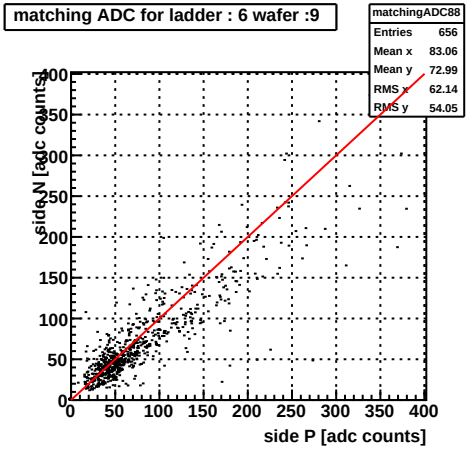

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 697
Mean x 79.77
Mean y 78.8
RMS x 63.28
RMS y 59.15
side N [adc counts]
side P [adc counts]

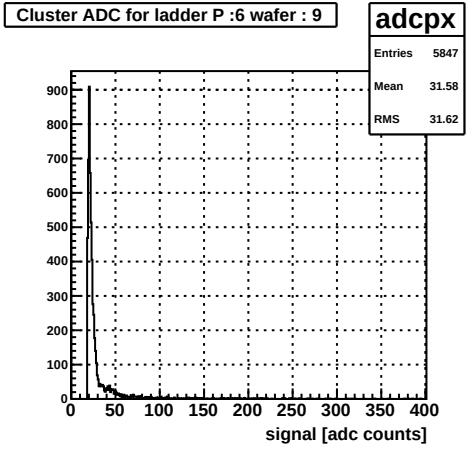

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1704
Mean 51.16
RMS 56.42
signal [adc counts]

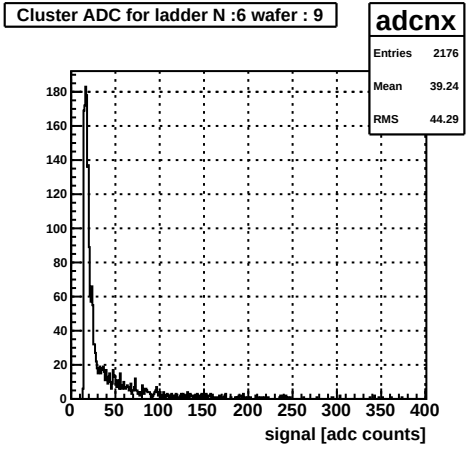

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 1649
Mean 46.58
RMS 50.53
signal [adc counts]

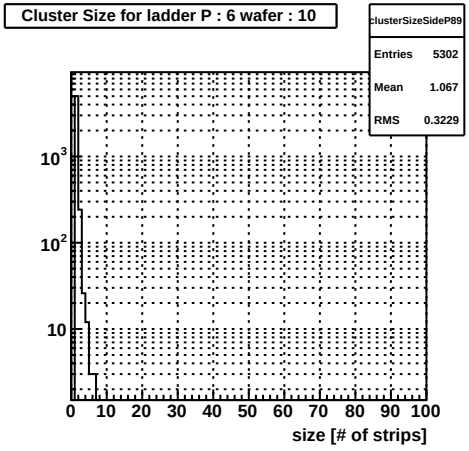

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 5847
Mean 1.1
RMS 0.3831
size [# of strips]

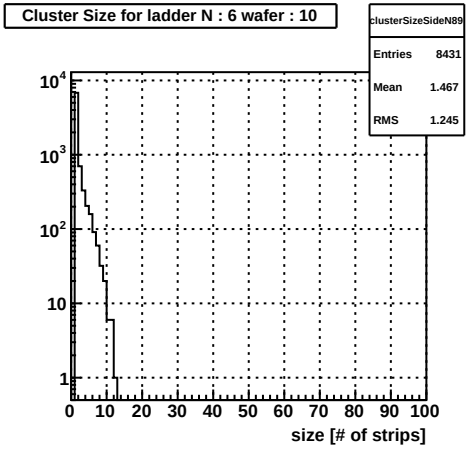

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 2176
Mean 1.235
RMS 0.642
size [# of strips]

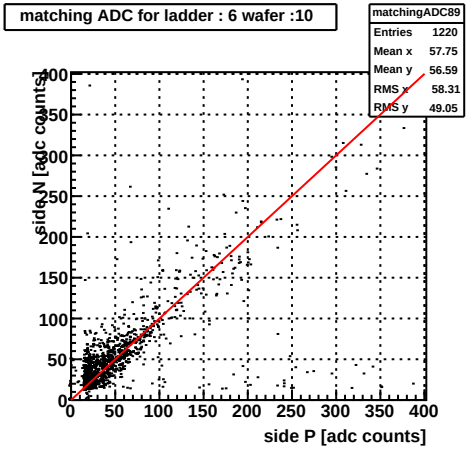

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 656
Mean x 83.06
Mean y 72.99
RMS x 62.14
RMS y 54.05
side N [adc counts]
side P [adc counts]

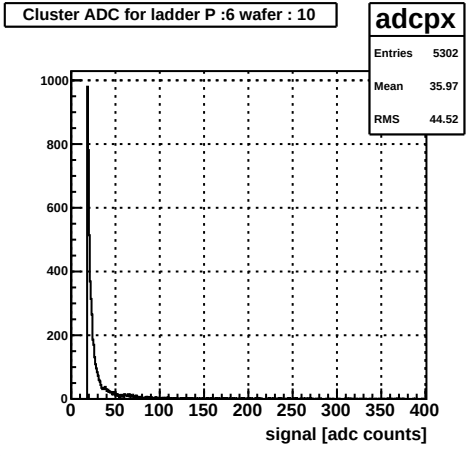

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 5847
Mean 31.58
RMS 31.62
signal [adc counts]

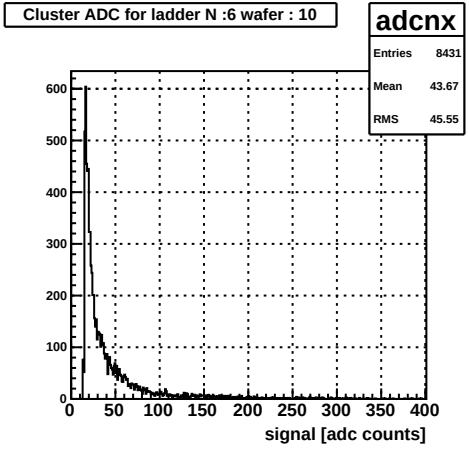

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 2176
Mean 39.24
RMS 44.29
signal [adc counts]

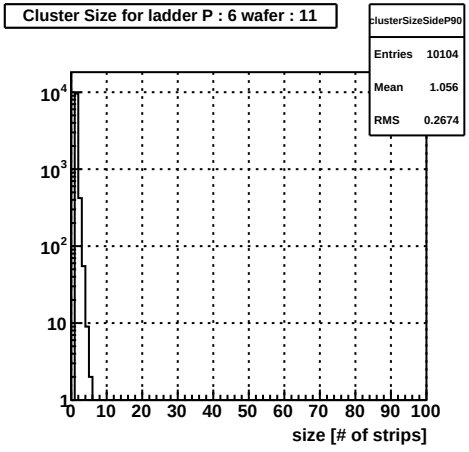

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 5302
Mean 1.067
RMS 0.3229
size [# of strips]

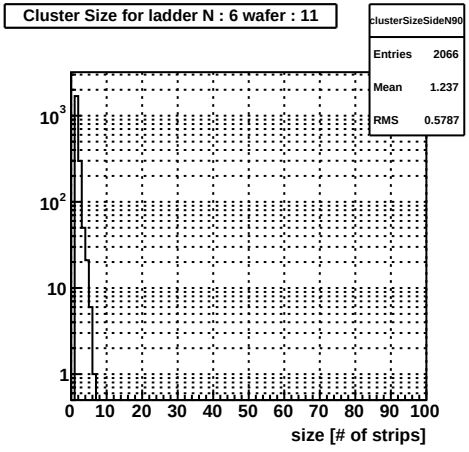

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 8431
Mean 1.467
RMS 1.245
size [# of strips]

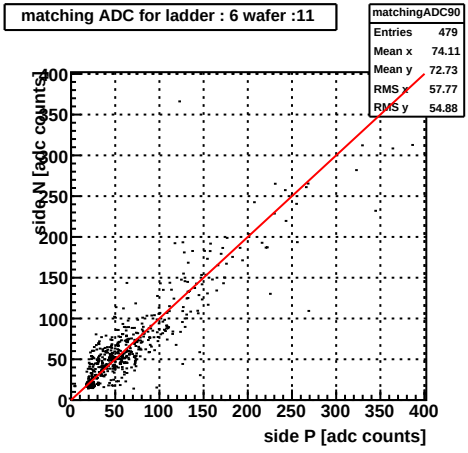

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 1220
Mean x 57.75
Mean y 56.59
RMS x 58.31
RMS y 49.05
side N [adc counts]
side P [adc counts]

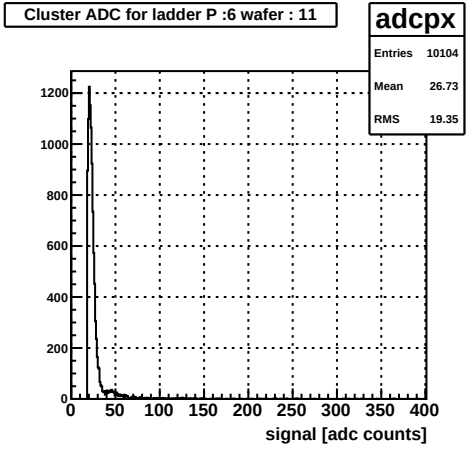

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 5302
Mean 35.97
RMS 44.52
signal [adc counts]

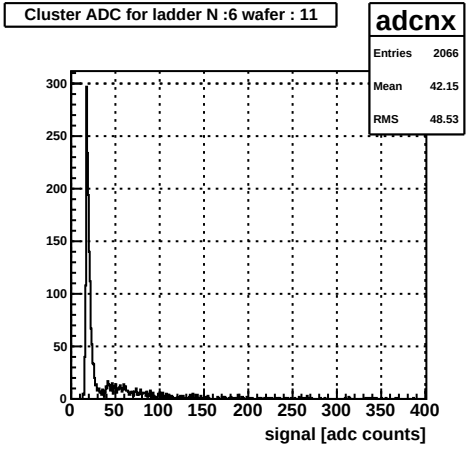

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 8431
Mean 43.67
RMS 45.55
signal [adc counts]

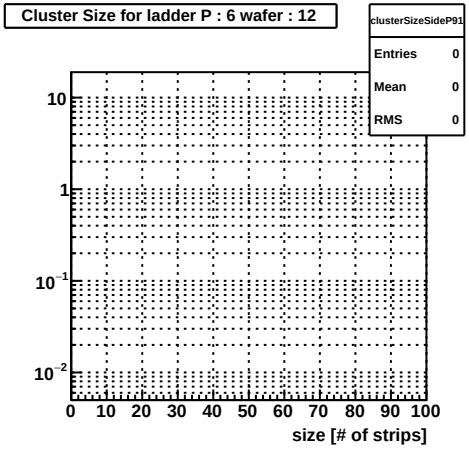

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 10104
Mean 1.056
RMS 0.2674
size [# of strips]

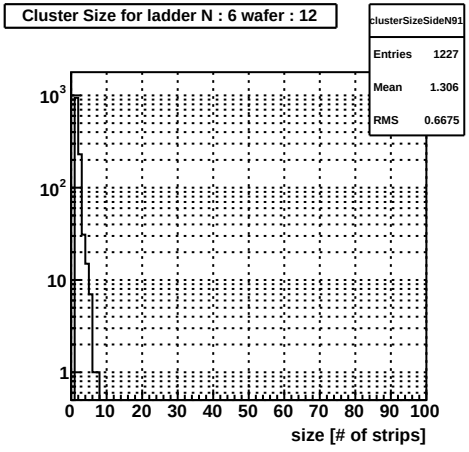

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 2066
Mean 1.237
RMS 0.5787
size [# of strips]

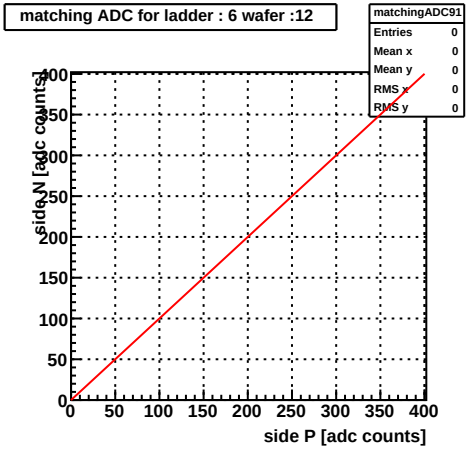

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 479
Mean x 74.11
Mean y 72.73
RMS x 57.77
RMS y 54.88
side N [adc counts]
side P [adc counts]

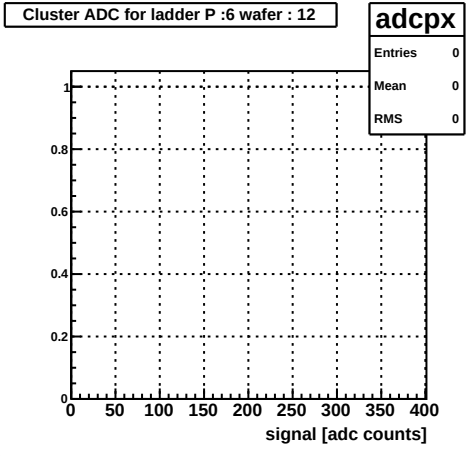

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 10104
Mean 26.73
RMS 19.35
signal [adc counts]

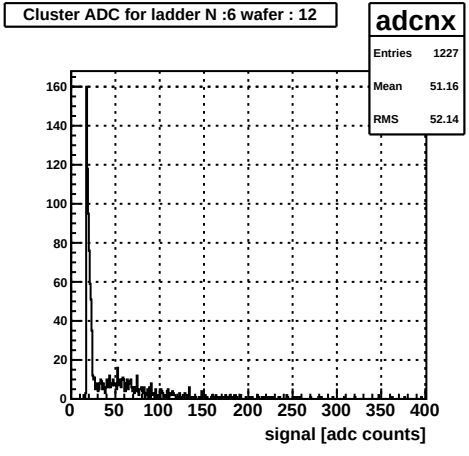

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 2066
Mean 42.15
RMS 48.53
signal [adc counts]

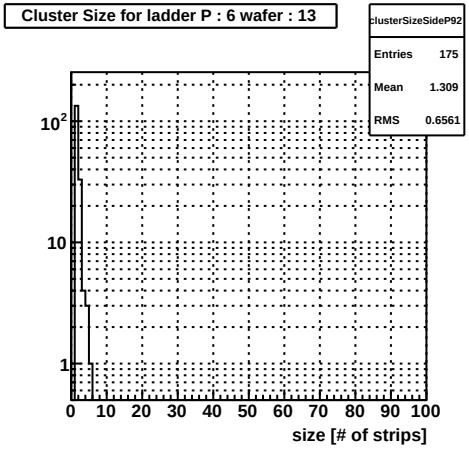

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 0
Mean 0
RMS 0
size [# of strips]

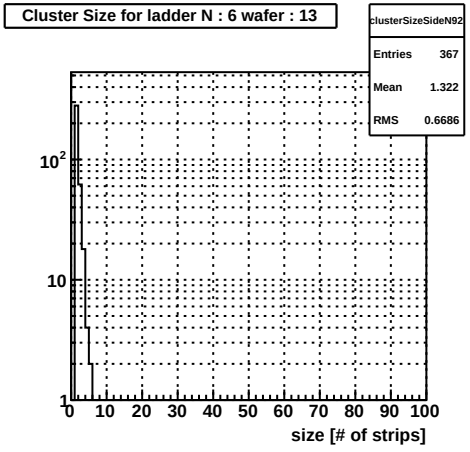

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 1227
Mean 1.306
RMS 0.6675
size [# of strips]

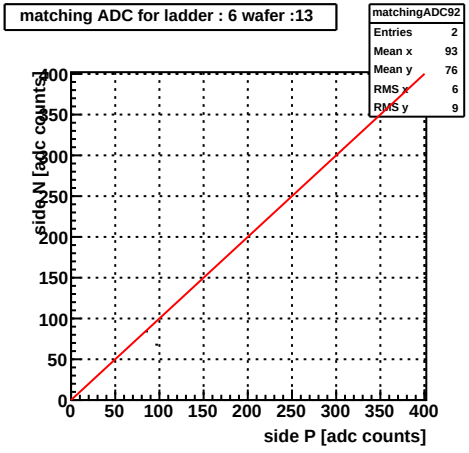

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

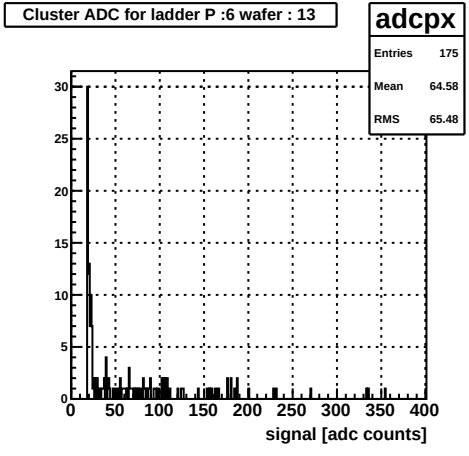

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

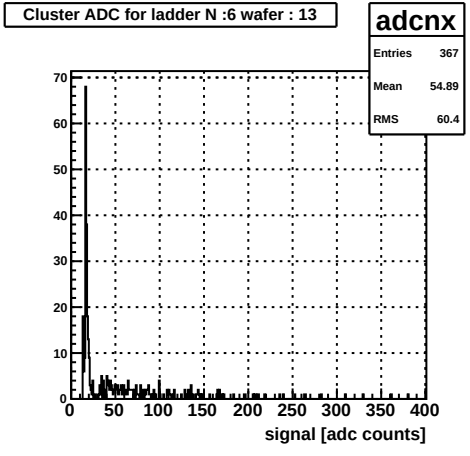

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 1227
Mean 51.16
RMS 52.14
signal [adc counts]

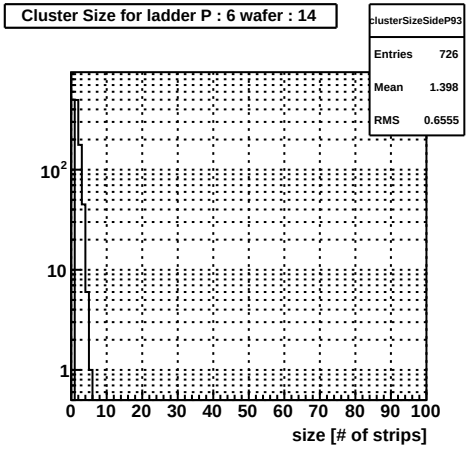

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 175
Mean 1.309
RMS 0.6561
size [# of strips]

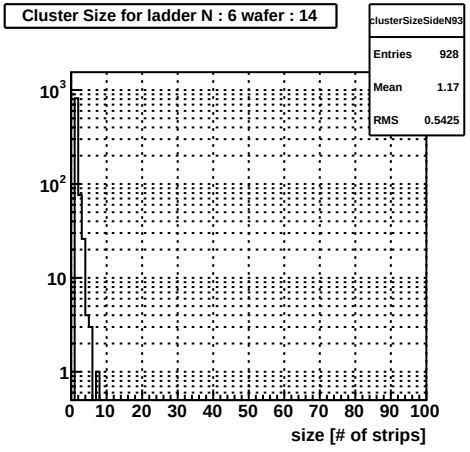

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 367
Mean 1.322
RMS 0.6686
size [# of strips]

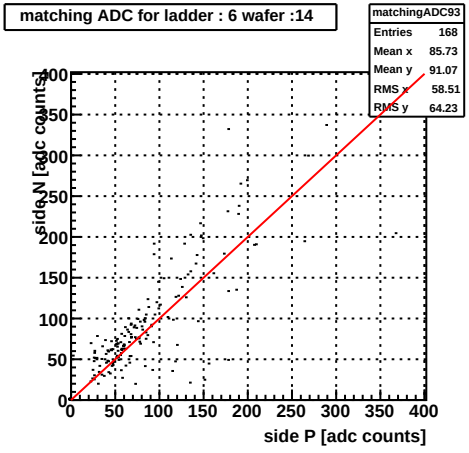

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 2
Mean x 93
Mean y 76
RMS x 6
RMS y 9
side N [adc counts]
side P [adc counts]

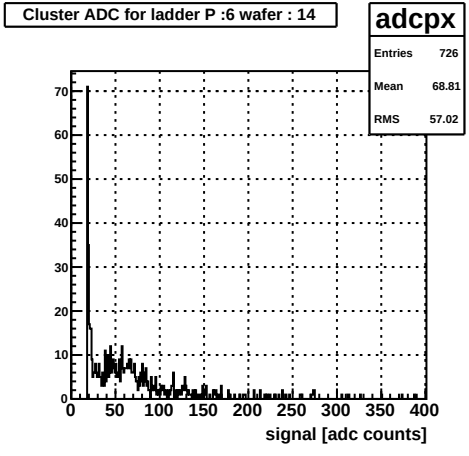

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 175
Mean 64.58
RMS 65.48
signal [adc counts]

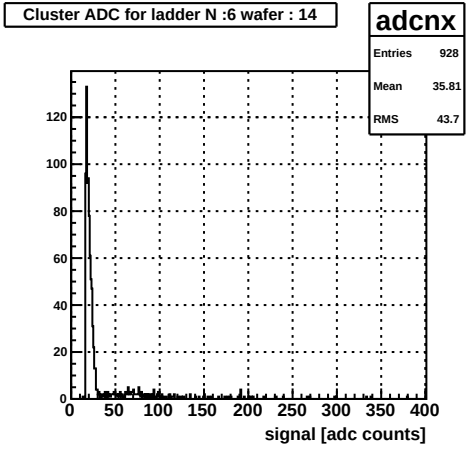

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 367
Mean 54.89
RMS 60.4
signal [adc counts]

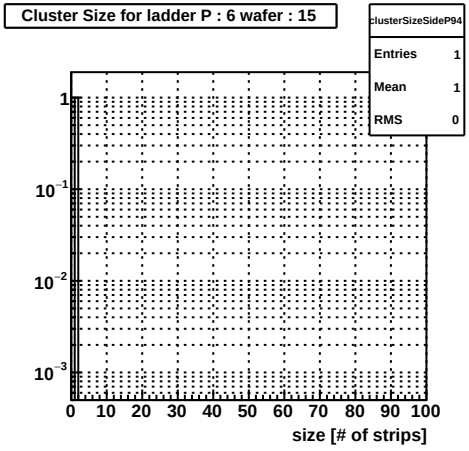

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 726
Mean 1.398
RMS 0.6555
size [# of strips]

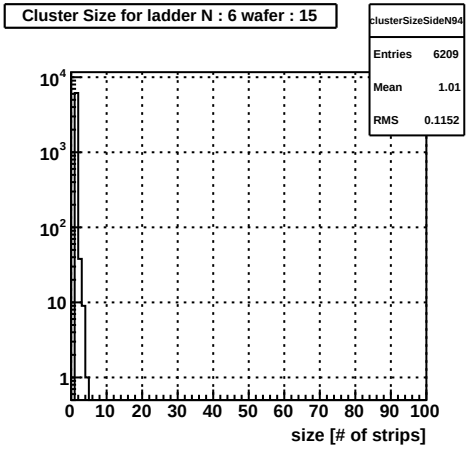

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 928
Mean 1.17
RMS 0.5425
size [# of strips]

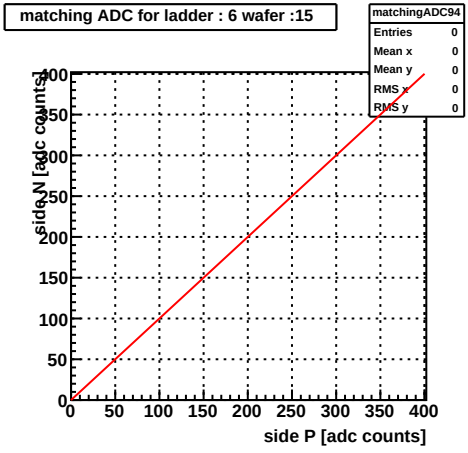

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 168
Mean x 85.73
Mean y 91.07
RMS x 58.51
RMS y 64.23
side N [adc counts]
side P [adc counts]

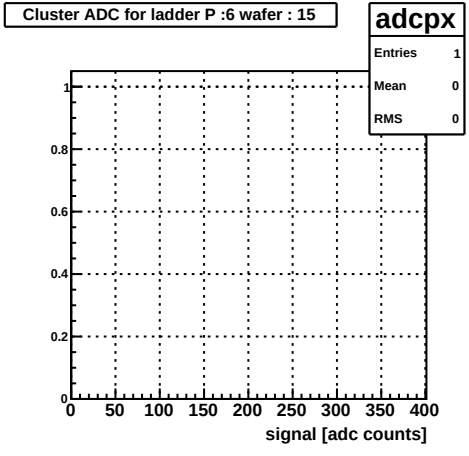

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 726
Mean 68.81
RMS 57.02
signal [adc counts]

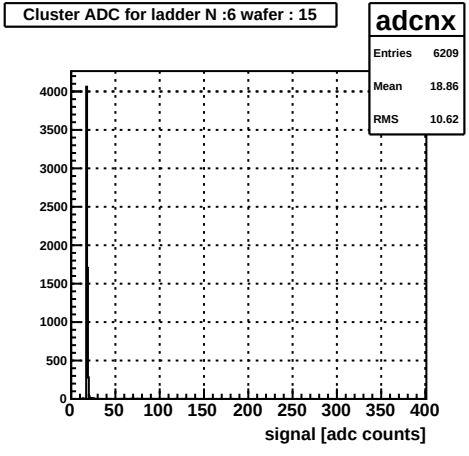

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 928
Mean 35.81
RMS 43.7
signal [adc counts]

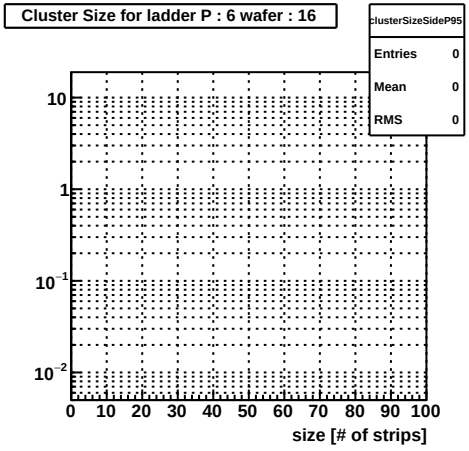

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 1
Mean 1
RMS 0
size [# of strips]

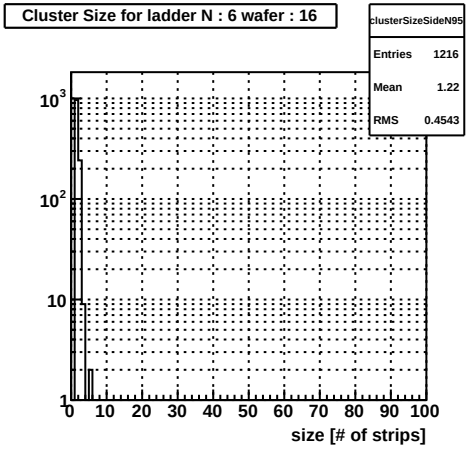

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 6209
Mean 1.01
RMS 0.1152
size [# of strips]

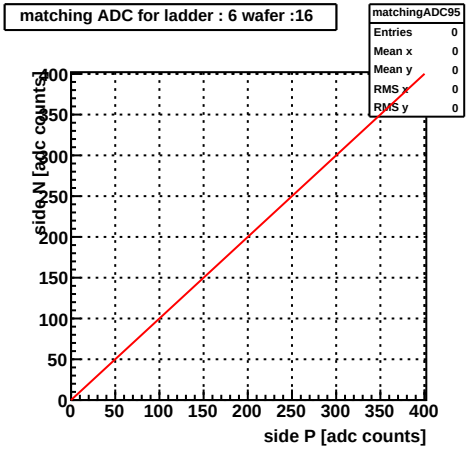

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

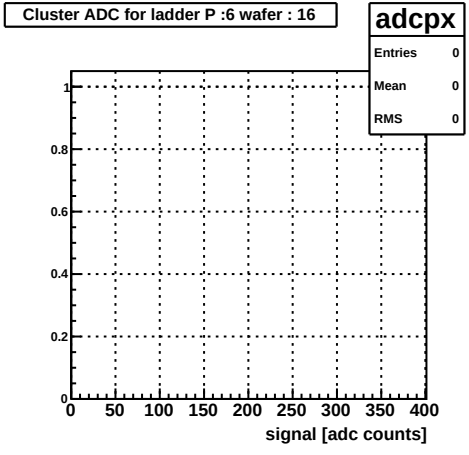

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

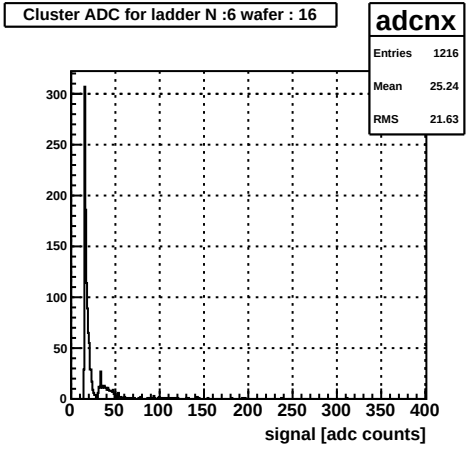

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 6209
Mean 18.86
RMS 10.62
signal [adc counts]

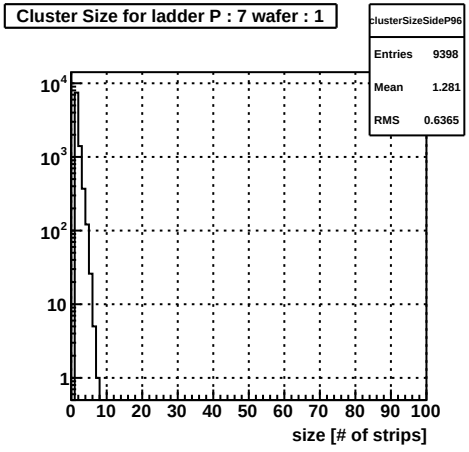

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

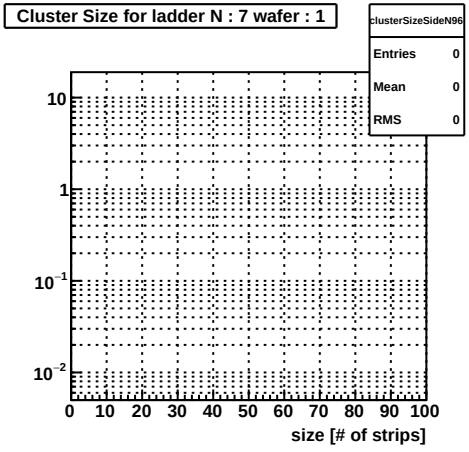

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 1216
Mean 1.22
RMS 0.4543
size [# of strips]

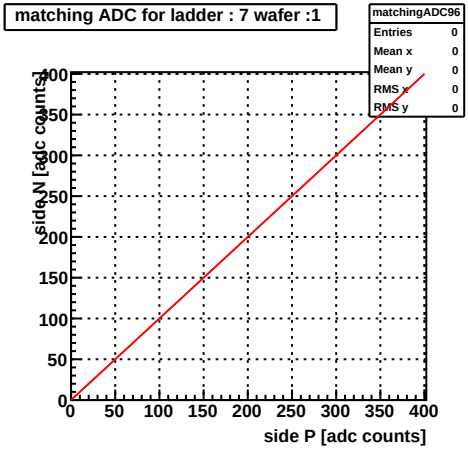

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

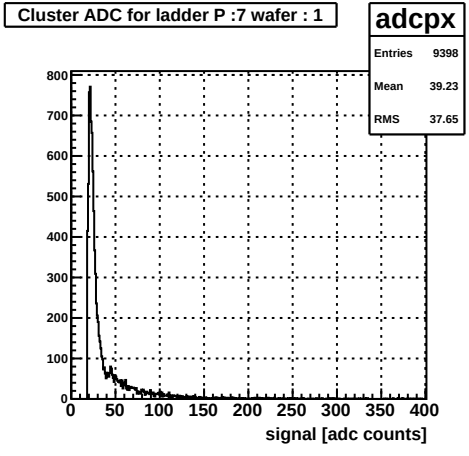

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

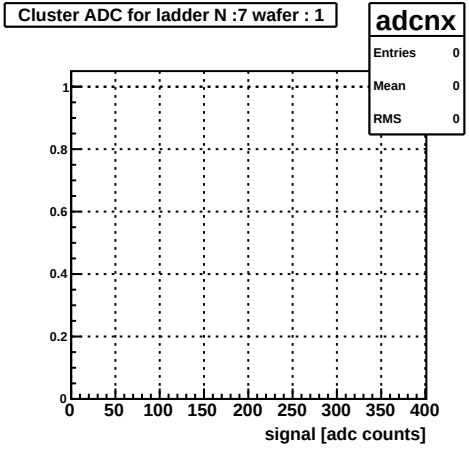

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 1216
Mean 25.24
RMS 21.63
signal [adc counts]

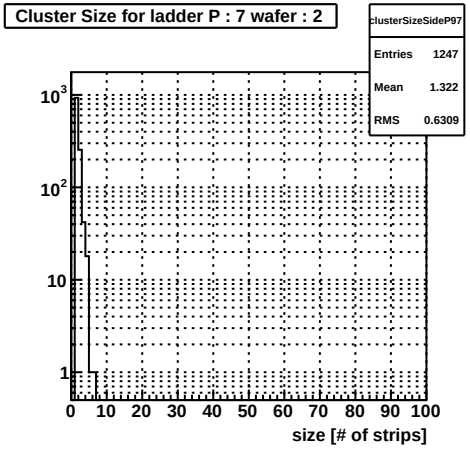

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 9398
Mean 1.281
RMS 0.6365
size [# of strips]

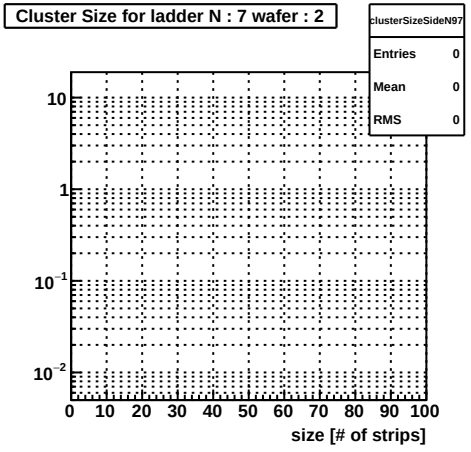

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

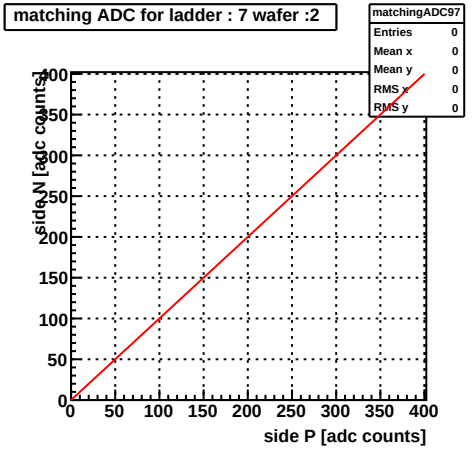

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

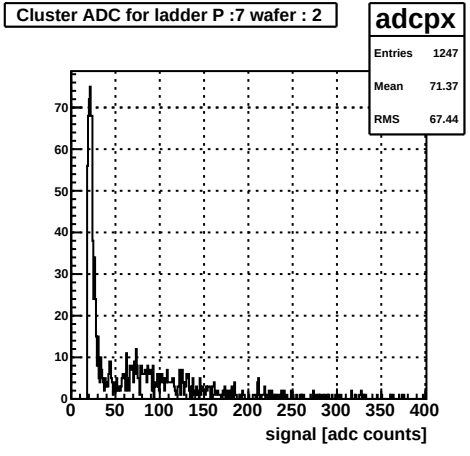

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 9398
Mean 39.23
RMS 37.65
signal [adc counts]

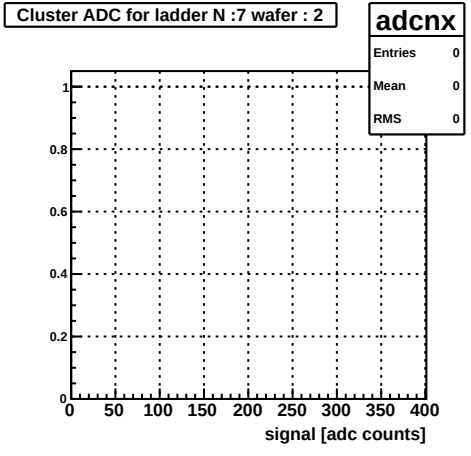

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

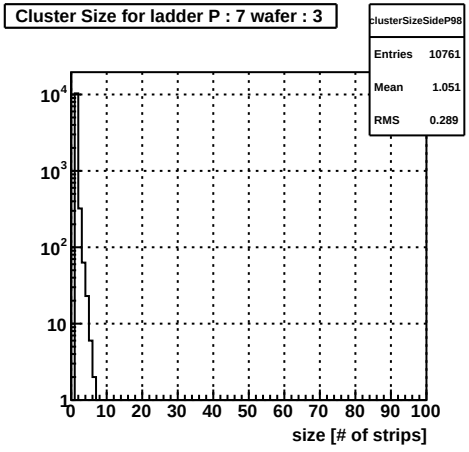

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 1247
Mean 1.322
RMS 0.6309
size [# of strips]

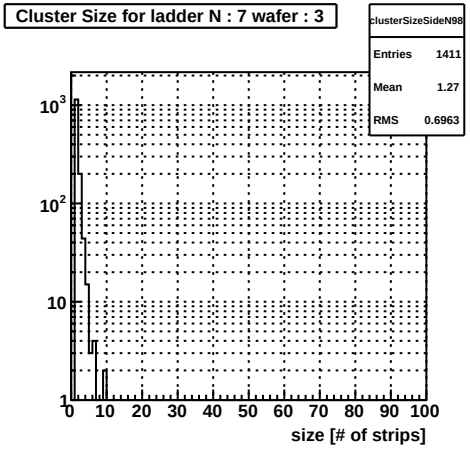

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

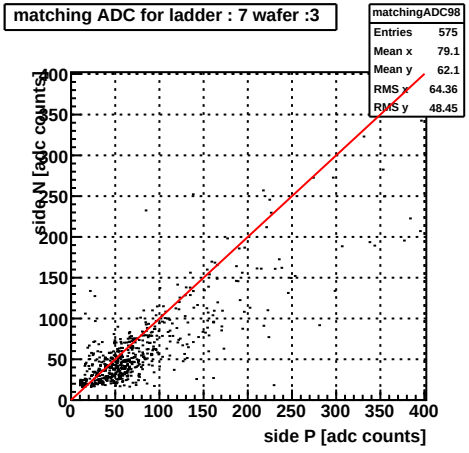

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

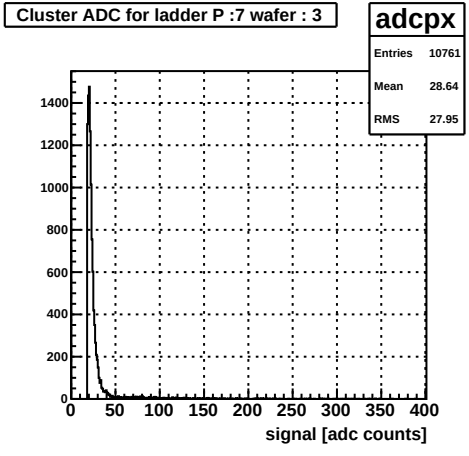

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 1247
Mean 71.37
RMS 67.44
signal [adc counts]

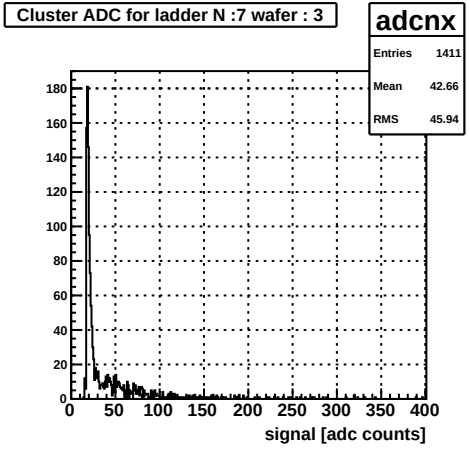

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

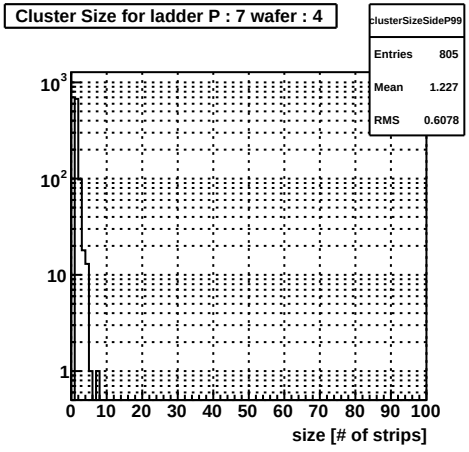

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 10761
Mean 1.051
RMS 0.289
size [# of strips]

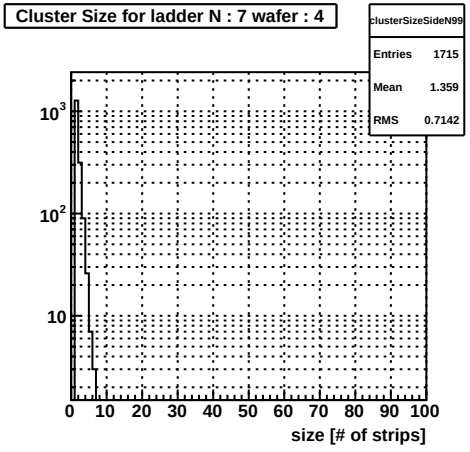

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 1411
Mean 1.27
RMS 0.6963
size [# of strips]

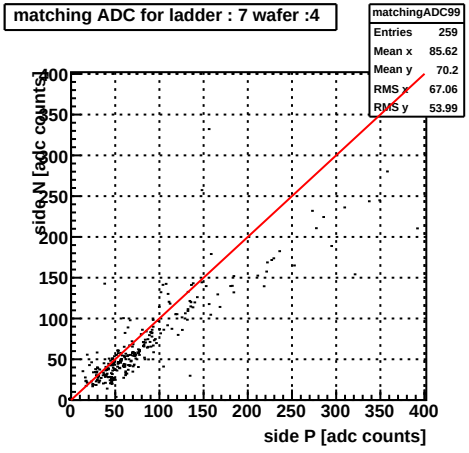

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 575
Mean x 79.1
Mean y 62.1
RMS x 64.36
RMS y 48.45
side N [adc counts]
side P [adc counts]

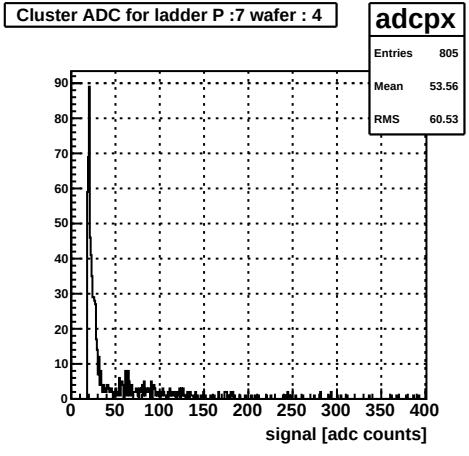

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 10761
Mean 28.64
RMS 27.95
signal [adc counts]

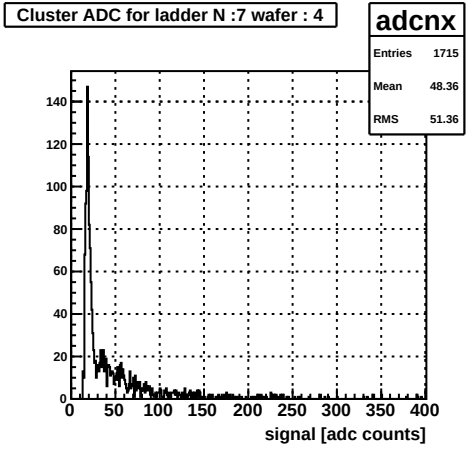

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 1411
Mean 42.66
RMS 45.94
signal [adc counts]

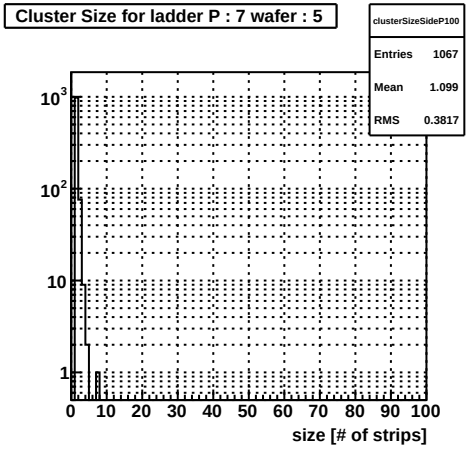

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 805
Mean 1.227
RMS 0.6078
size [# of strips]

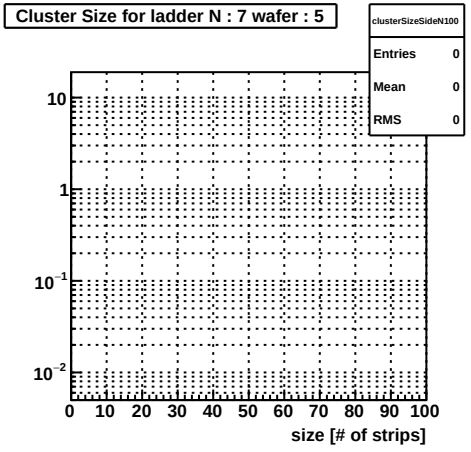

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 1715
Mean 1.359
RMS 0.7142
size [# of strips]

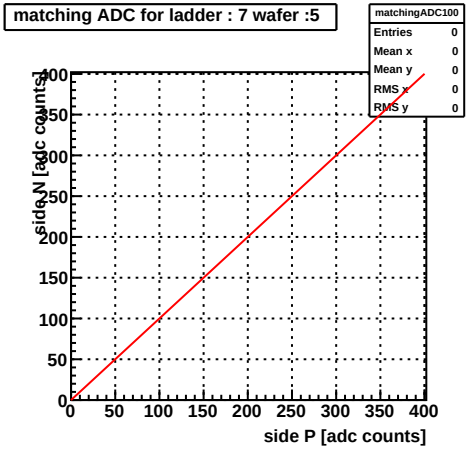

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 259
Mean x 85.62
Mean y 70.2
RMS x 67.06
RMS y 53.99
side N [adc counts]
side P [adc counts]

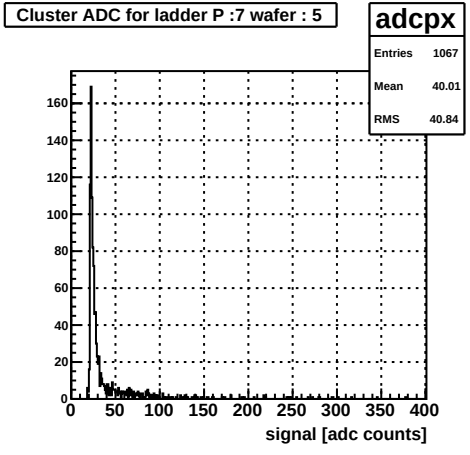

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 805
Mean 53.56
RMS 60.53
signal [adc counts]

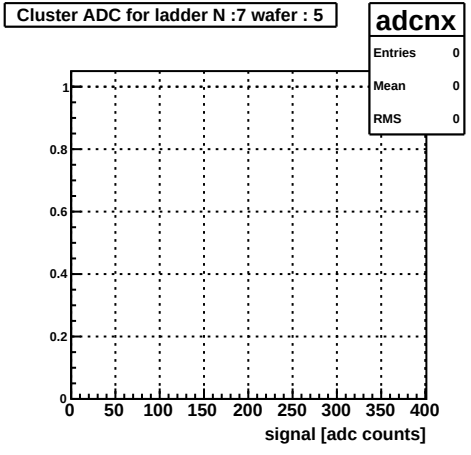

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 1715
Mean 48.36
RMS 51.36
signal [adc counts]

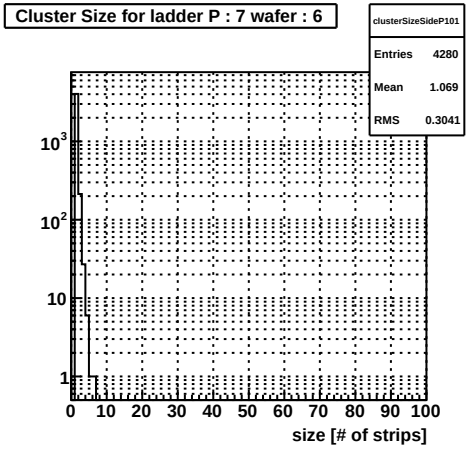

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 1067
Mean 1.099
RMS 0.3817
size [# of strips]

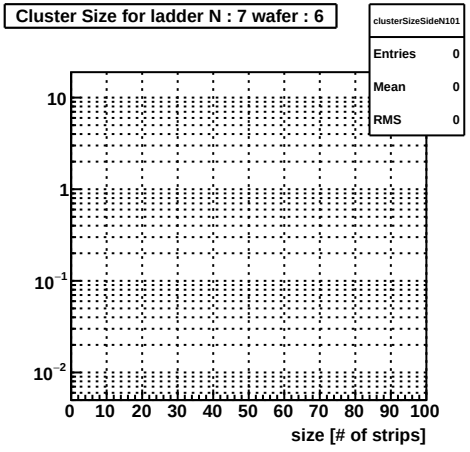

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

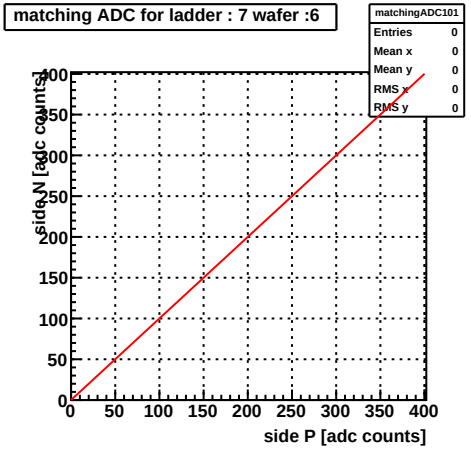

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

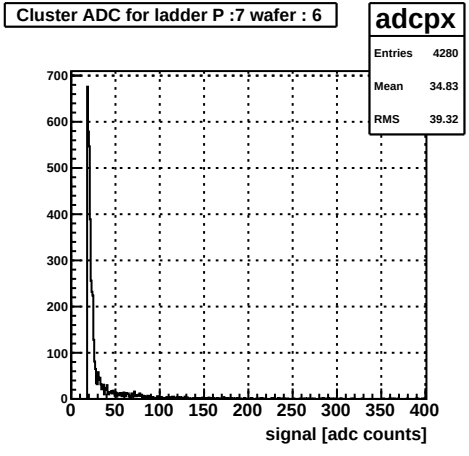

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 1067
Mean 40.01
RMS 40.84
signal [adc counts]

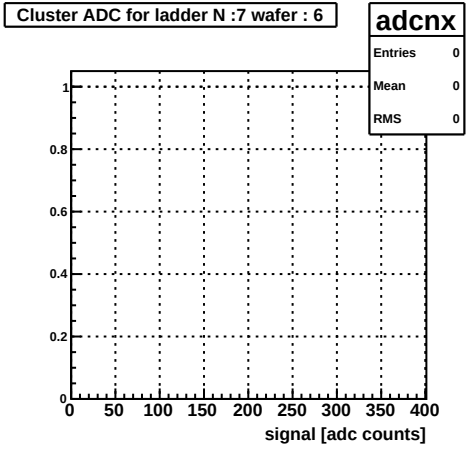

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

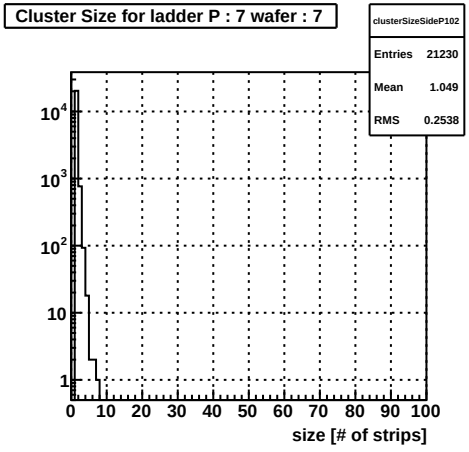

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 4280
Mean 1.069
RMS 0.3041
size [# of strips]

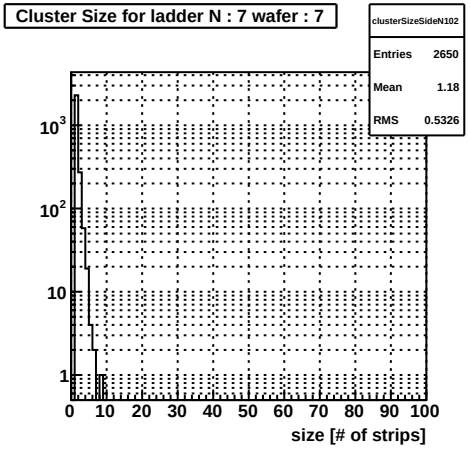

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

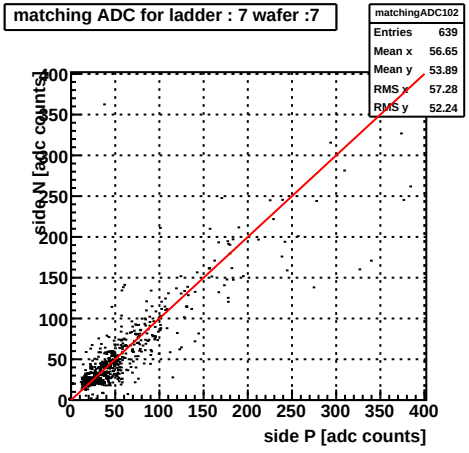

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

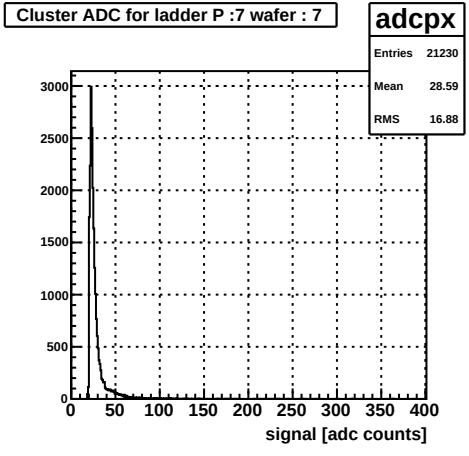

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 4280
Mean 34.83
RMS 39.32
signal [adc counts]

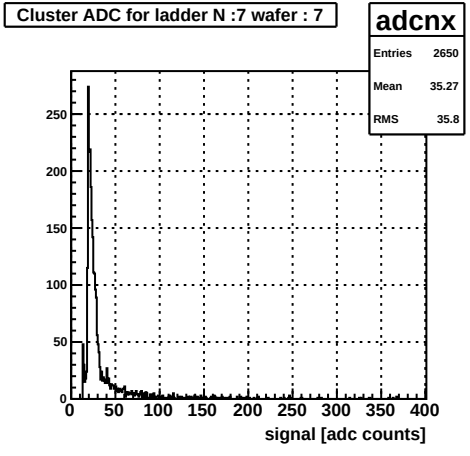

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

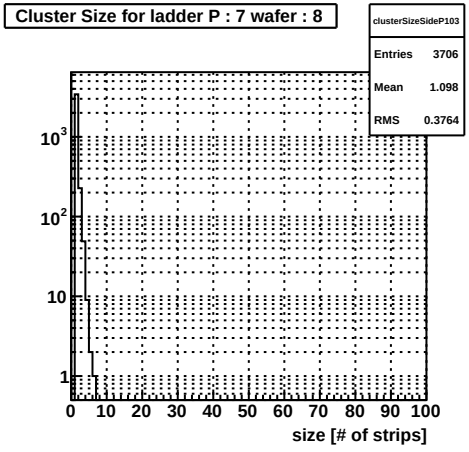

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 21230
Mean 1.049
RMS 0.2538
size [# of strips]

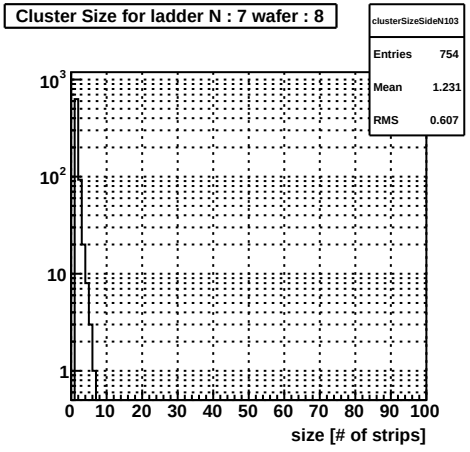

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 2650
Mean 1.18
RMS 0.5326
size [# of strips]

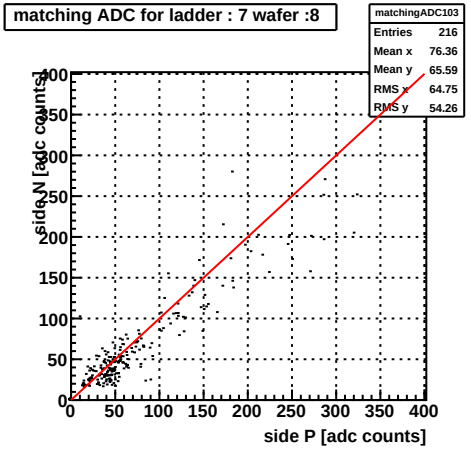

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 639
Mean x 56.65
Mean y 53.89
RMS x 57.28
RMS y 52.24
side N [adc counts]
side P [adc counts]

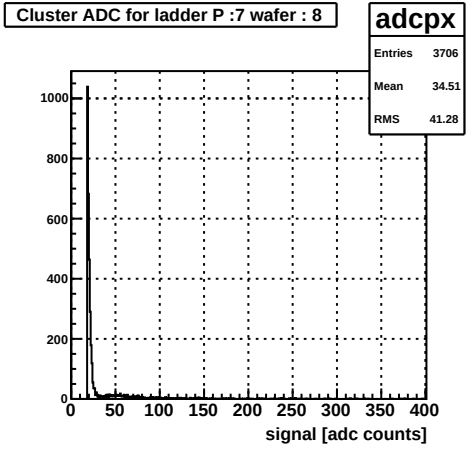

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 21230
Mean 28.59
RMS 16.88
signal [adc counts]

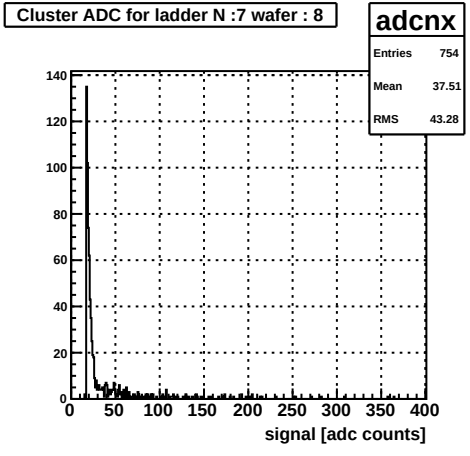

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 2650
Mean 35.27
RMS 35.8
signal [adc counts]

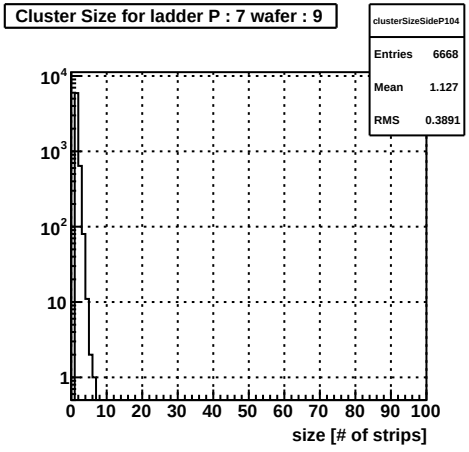

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 3706
Mean 1.098
RMS 0.3764
size [# of strips]

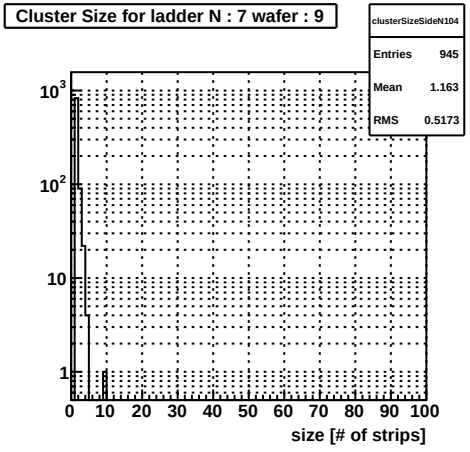

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 754
Mean 1.231
RMS 0.607
size [# of strips]

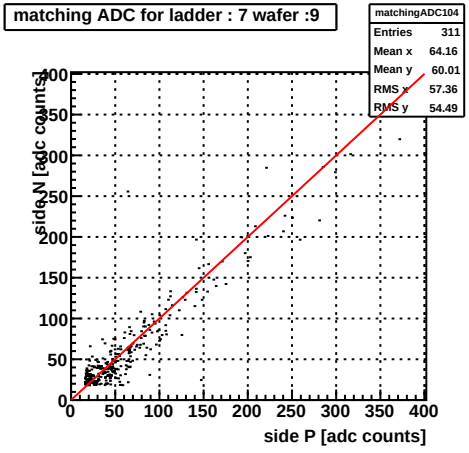

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 216
Mean x 76.36
Mean y 65.59
RMS x 64.75
RMS y 54.26
side N [adc counts]
side P [adc counts]

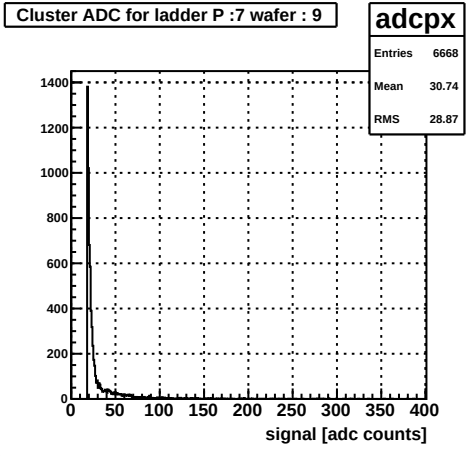

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 3706
Mean 34.51
RMS 41.28
signal [adc counts]

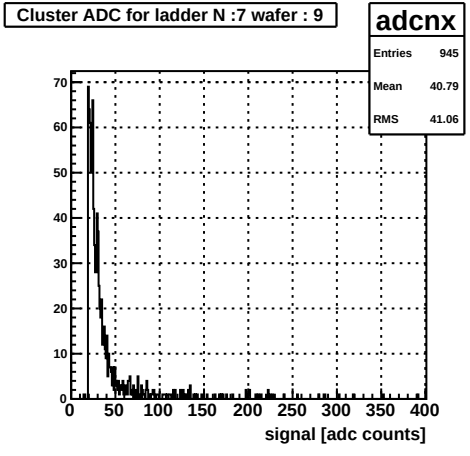

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 754
Mean 37.51
RMS 43.28
signal [adc counts]

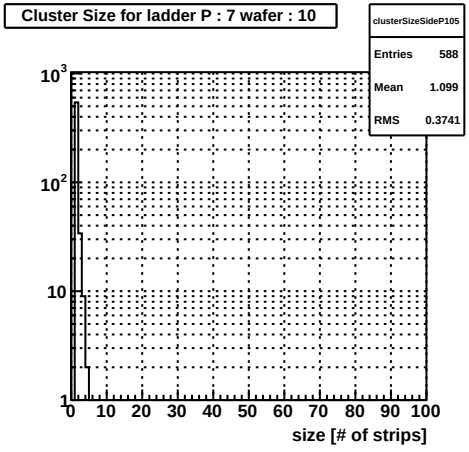

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 6668
Mean 1.127
RMS 0.3891
size [# of strips]

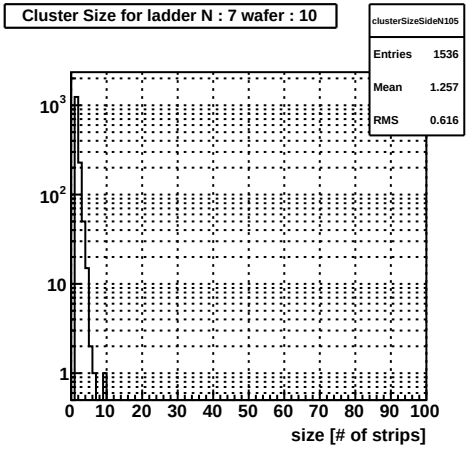

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 945
Mean 1.163
RMS 0.5173
size [# of strips]

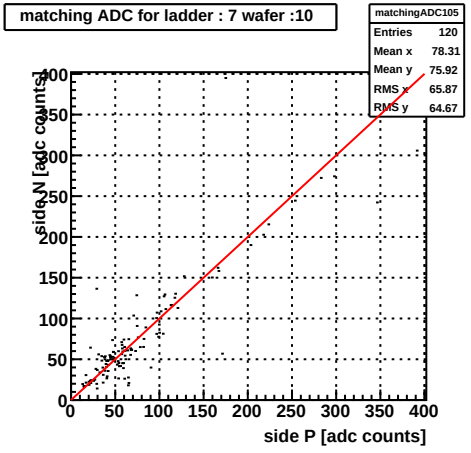

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 311
Mean x 64.16
Mean y 60.01
RMS x 57.36
RMS y 54.49
side N [adc counts]
side P [adc counts]

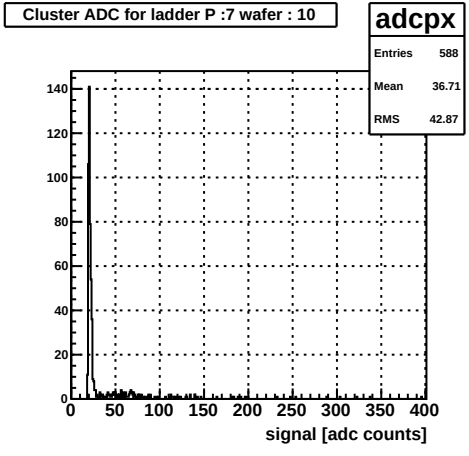

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 6668
Mean 30.74
RMS 28.87
signal [adc counts]

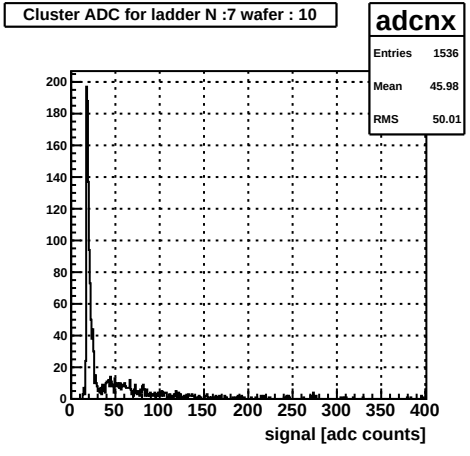

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 945
Mean 40.79
RMS 41.06
signal [adc counts]

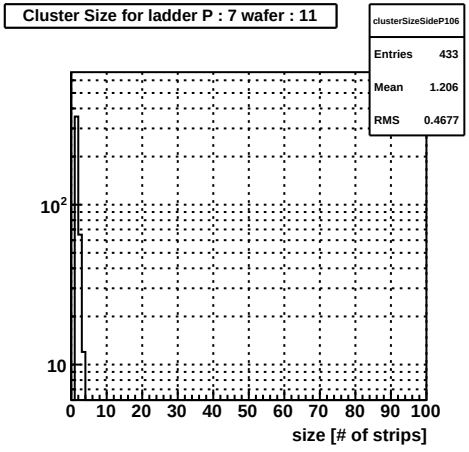

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 588
Mean 1.099
RMS 0.3741
size [# of strips]

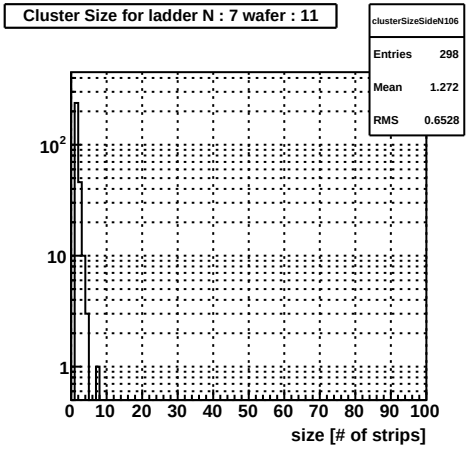

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 1536
Mean 1.257
RMS 0.616
size [# of strips]

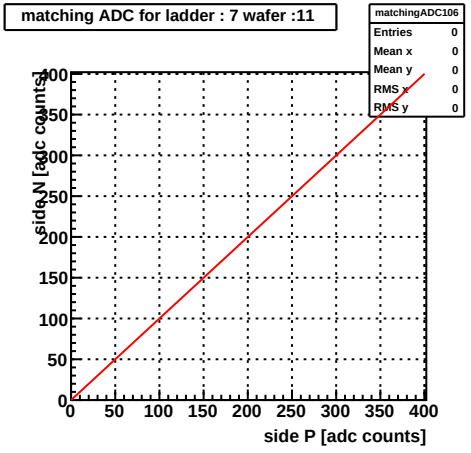

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 120
Mean x 78.31
Mean y 75.92
RMS x 65.87
RMS y 64.67
side N [adc counts]
side P [adc counts]

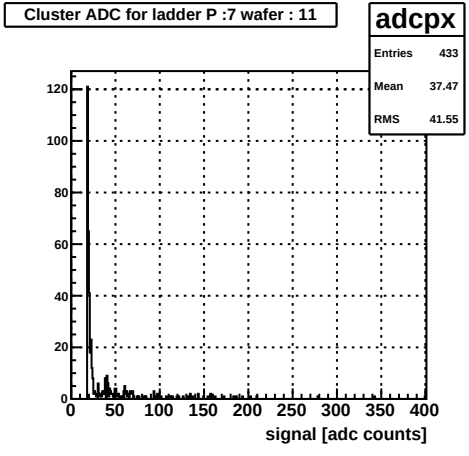

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 588
Mean 36.71
RMS 42.87
signal [adc counts]

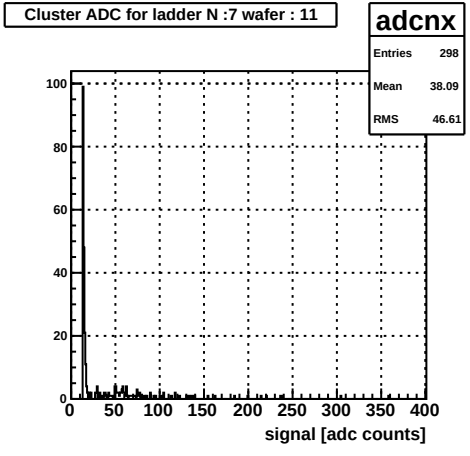

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 1536
Mean 45.98
RMS 50.01
signal [adc counts]

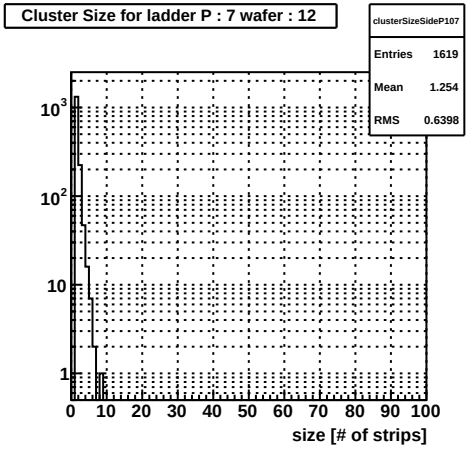

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 433
Mean 1.206
RMS 0.4677
size [# of strips]

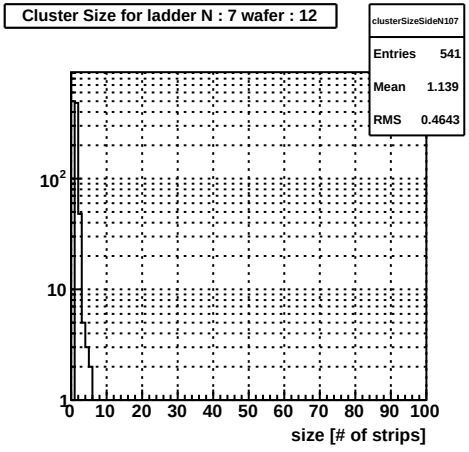

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 298
Mean 1.272
RMS 0.6528
size [# of strips]

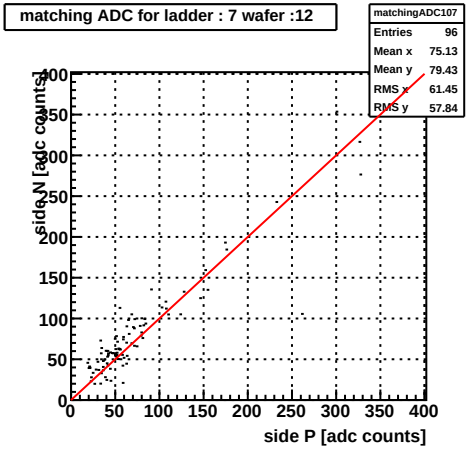

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

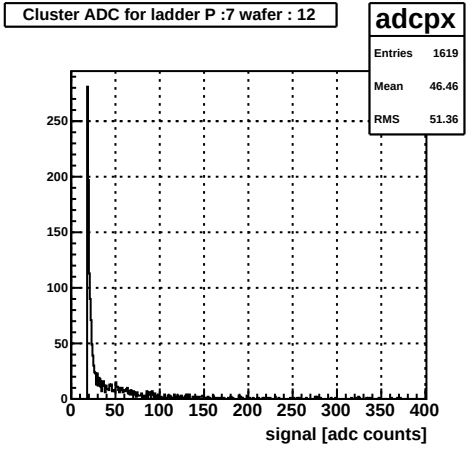

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 433
Mean 37.47
RMS 41.55
signal [adc counts]

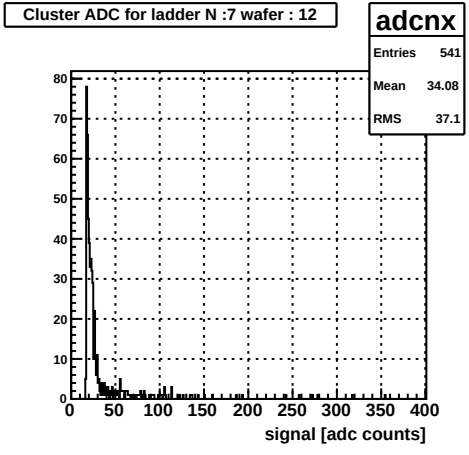

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 298
Mean 38.09
RMS 46.61
signal [adc counts]

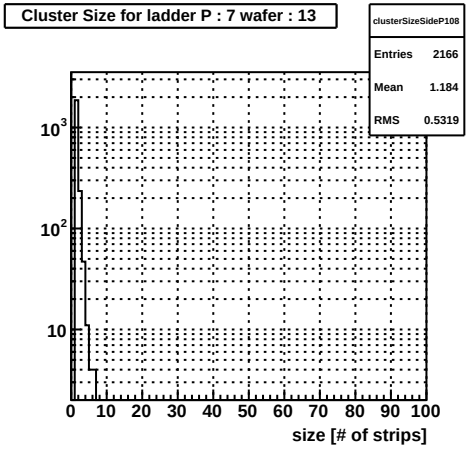

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 1619
Mean 1.254
RMS 0.6398
size [# of strips]

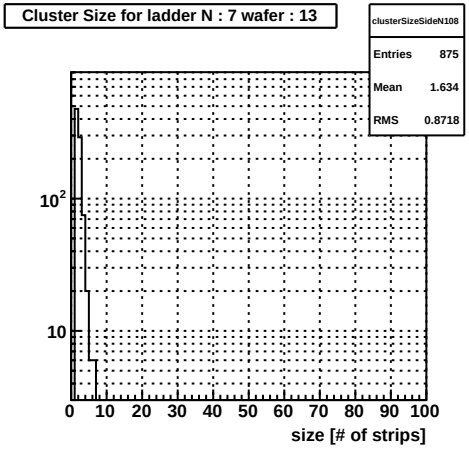

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 541
Mean 1.139
RMS 0.4643
size [# of strips]

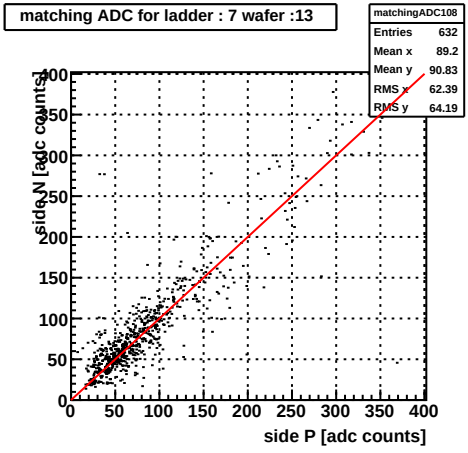

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 96
Mean x 75.13
Mean y 79.43
RMS x 61.45
RMS y 57.84
side N [adc counts]
side P [adc counts]

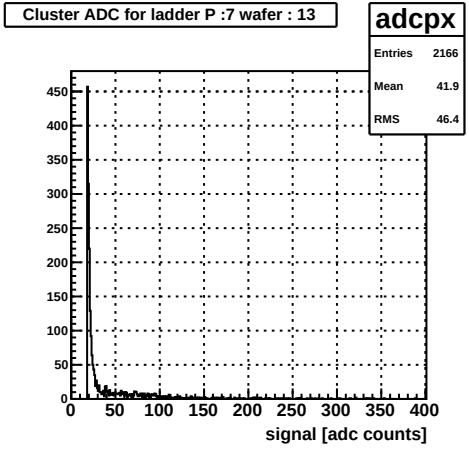

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 1619
Mean 46.46
RMS 51.36
signal [adc counts]

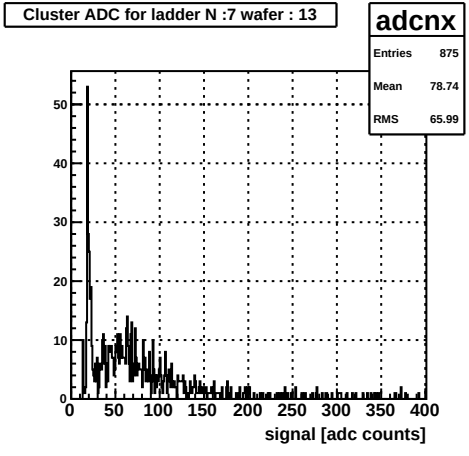

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 541
Mean 34.08
RMS 37.1
signal [adc counts]

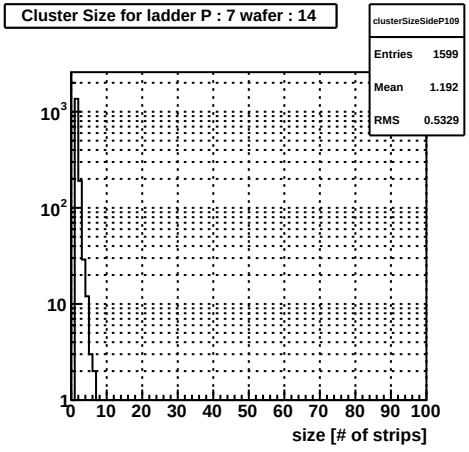

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 2166
Mean 1.184
RMS 0.5319
size [# of strips]

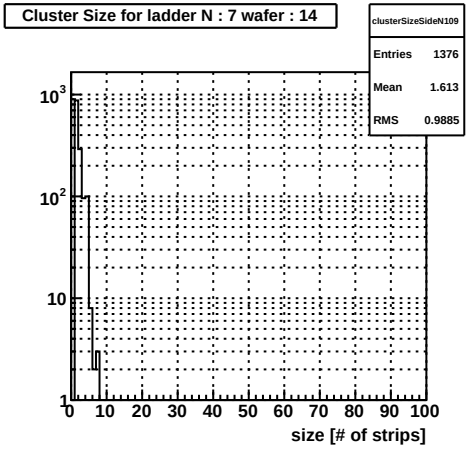

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 875
Mean 1.634
RMS 0.8718
size [# of strips]

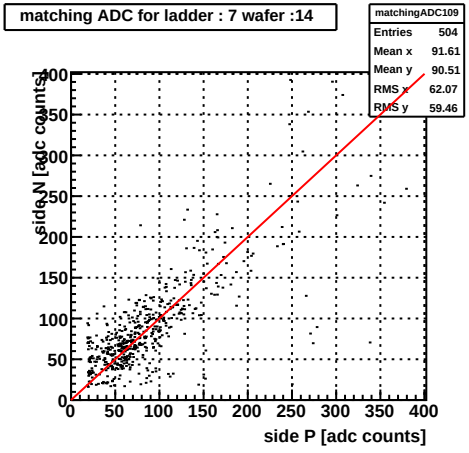

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 632
Mean x 89.2
Mean y 90.83
RMS x 62.39
RMS y 64.19
side N [adc counts]
side P [adc counts]

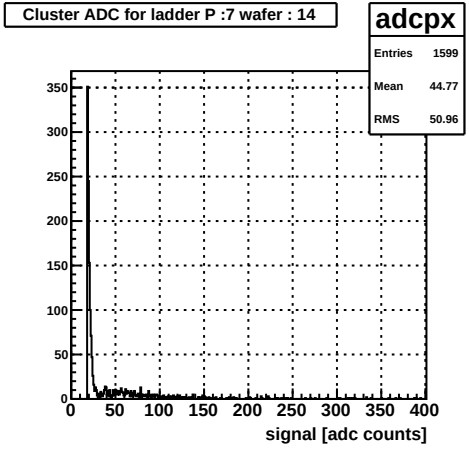

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 2166
Mean 41.9
RMS 46.4
signal [adc counts]

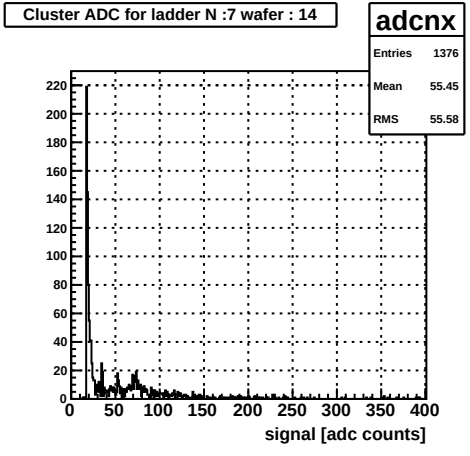

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 875
Mean 78.74
RMS 65.99
signal [adc counts]

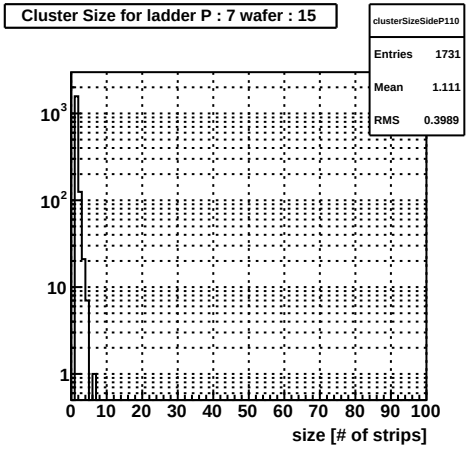

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 1599
Mean 1.192
RMS 0.5329
size [# of strips]

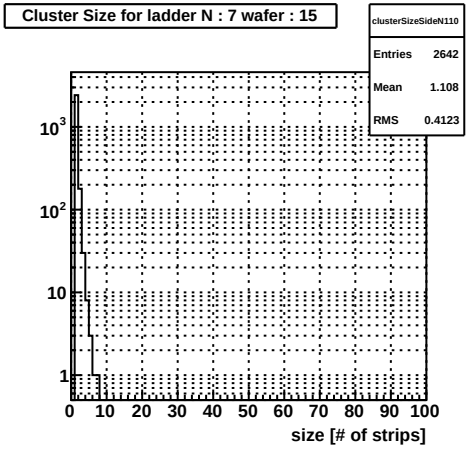

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 1376
Mean 1.613
RMS 0.9885
size [# of strips]

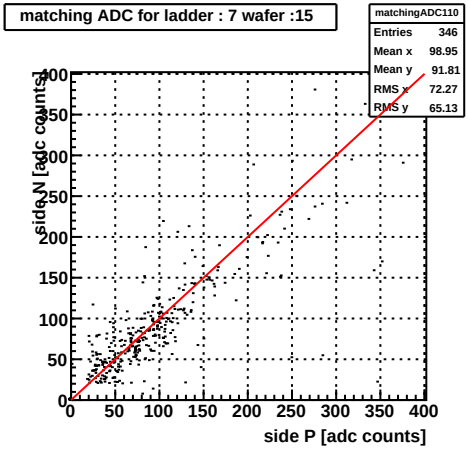

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 504
Mean x 91.61
Mean y 90.51
RMS x 62.07
RMS y 59.46
side N [adc counts]
side P [adc counts]

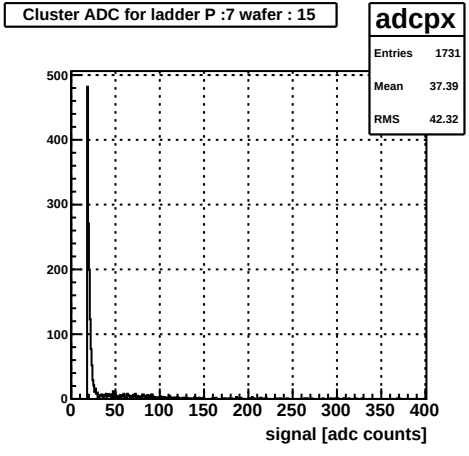

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 1599
Mean 44.77
RMS 50.96
signal [adc counts]

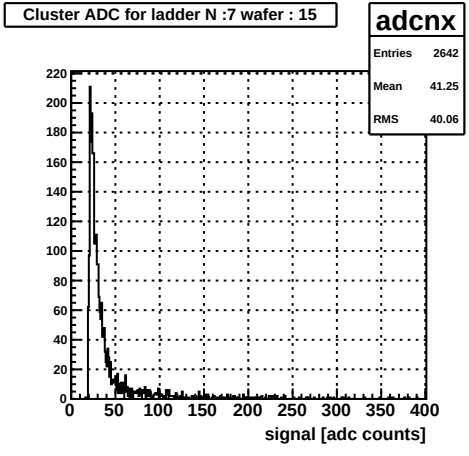

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 1376
Mean 55.45
RMS 55.58
signal [adc counts]

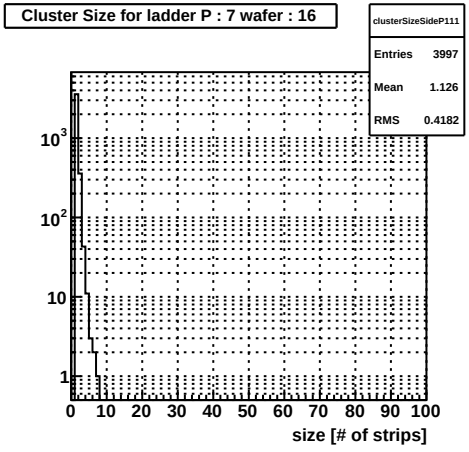

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 1731
Mean 1.111
RMS 0.3989
size [# of strips]

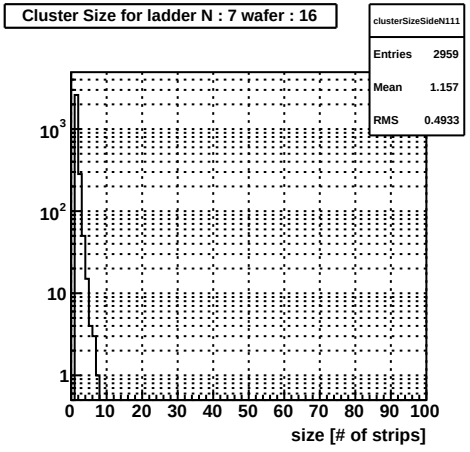

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 2642
Mean 1.108
RMS 0.4123
size [# of strips]

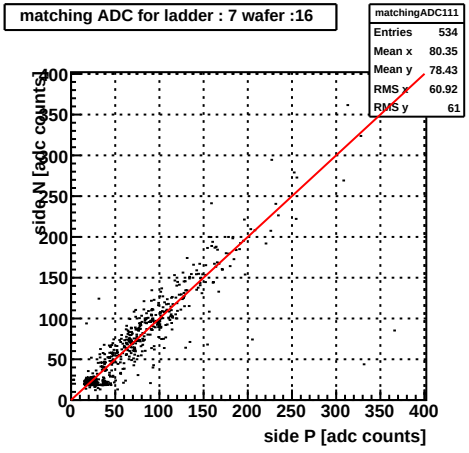

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 346
Mean x 98.95
Mean y 91.81
RMS x 72.27
RMS y 65.13
side N [adc counts]
side P [adc counts]

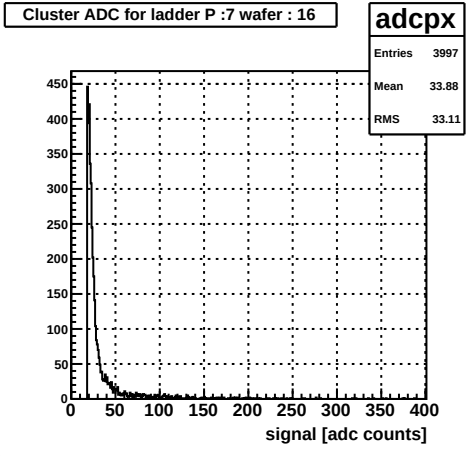

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 1731
Mean 37.39
RMS 42.32
signal [adc counts]

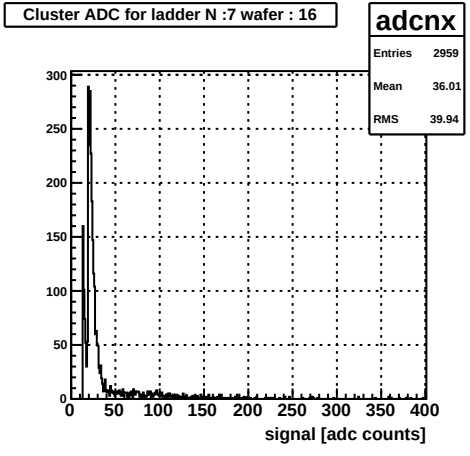

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 2642
Mean 41.25
RMS 40.06
signal [adc counts]

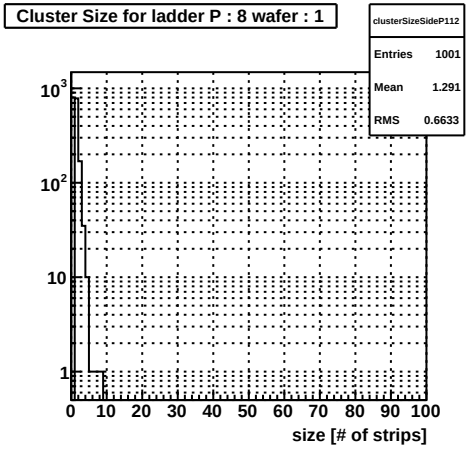

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 3997
Mean 1.126
RMS 0.4182
size [# of strips]

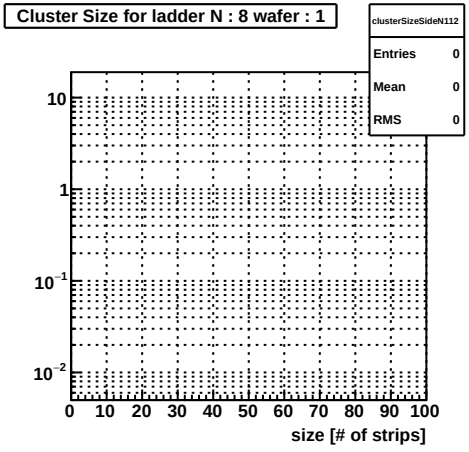

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 2959
Mean 1.157
RMS 0.4933
size [# of strips]

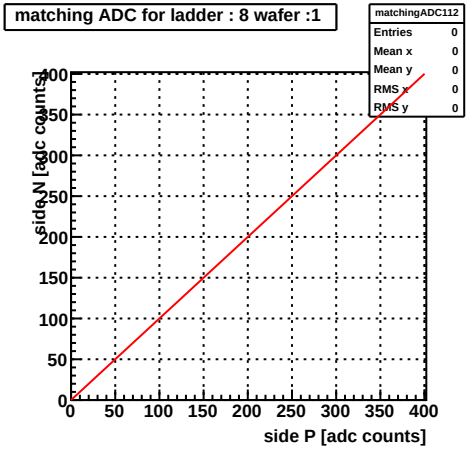

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 534
Mean x 80.35
Mean y 78.43
RMS x 60.92
RMS y 61
side N [adc counts]
side P [adc counts]

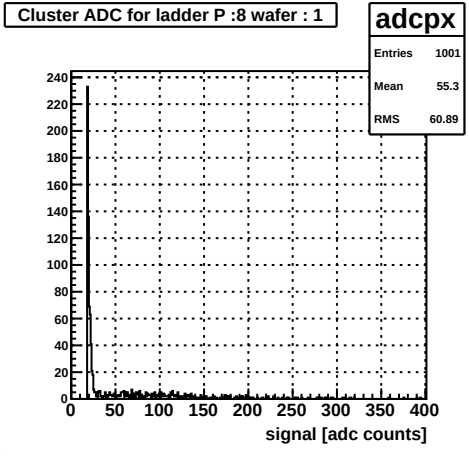

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 3997
Mean 33.88
RMS 33.11
signal [adc counts]

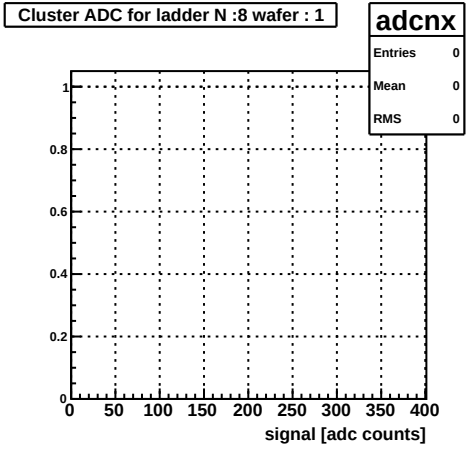

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 2959
Mean 36.01
RMS 39.94
signal [adc counts]

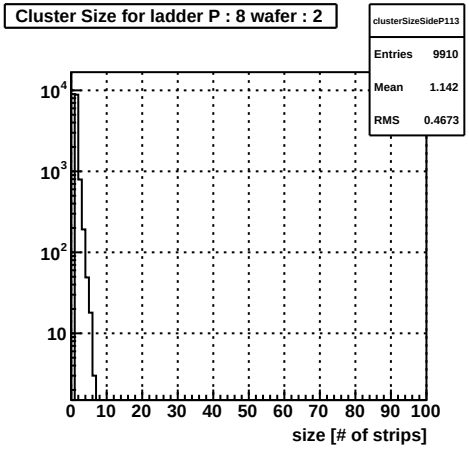

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 1001
Mean 1.291
RMS 0.6633
size [# of strips]

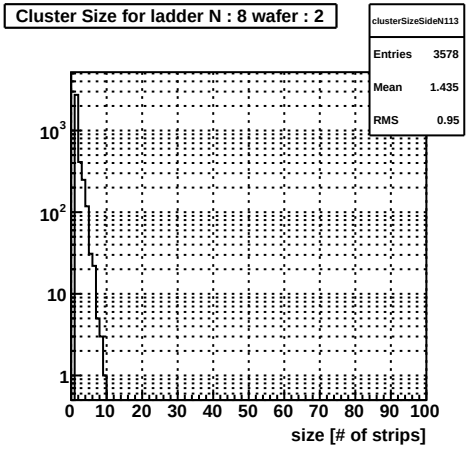

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

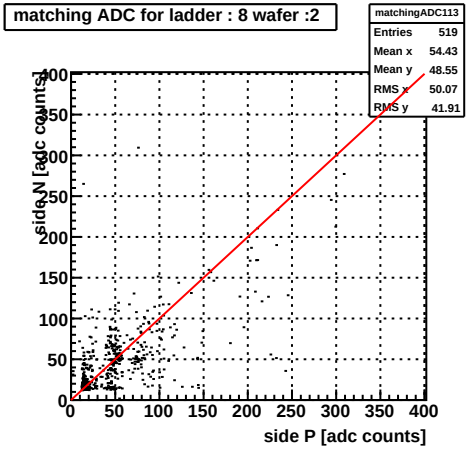

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

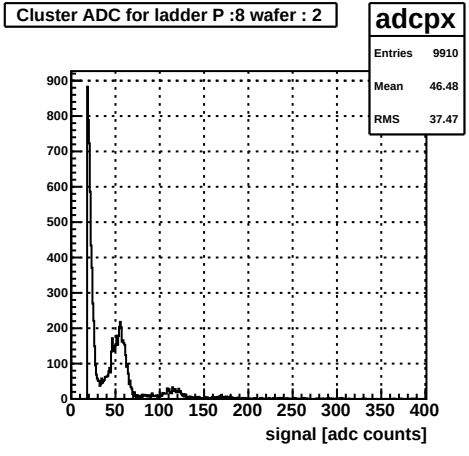

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 1001
Mean 55.3
RMS 60.89
signal [adc counts]

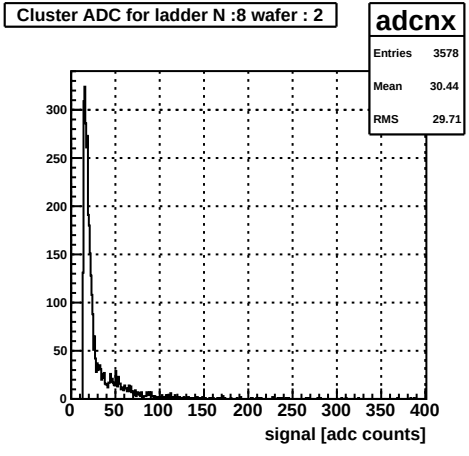

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

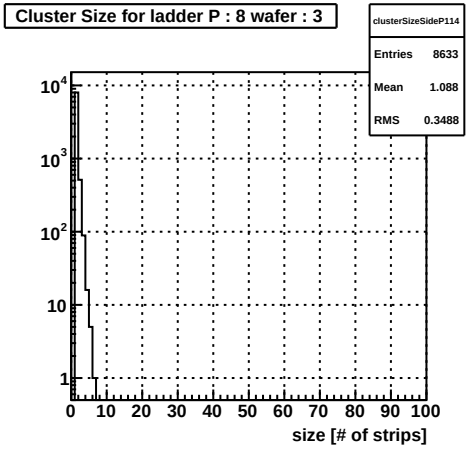

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 9910
Mean 1.142
RMS 0.4673
size [# of strips]

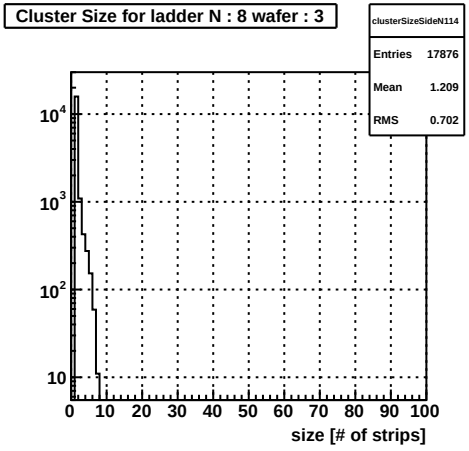

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 3578
Mean 1.435
RMS 0.95
size [# of strips]

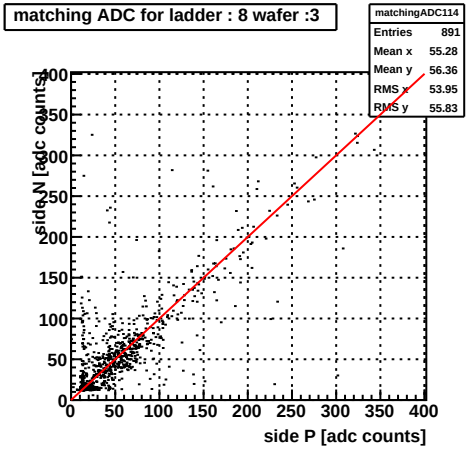

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 519
Mean x 54.43
Mean y 48.55
RMS x 50.07
RMS y 41.91
side N [adc counts]
side P [adc counts]

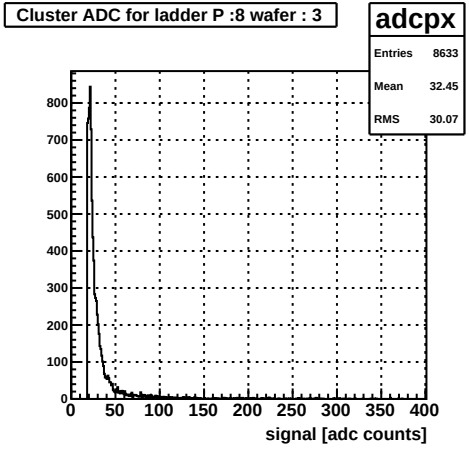

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 9910
Mean 46.48
RMS 37.47
signal [adc counts]

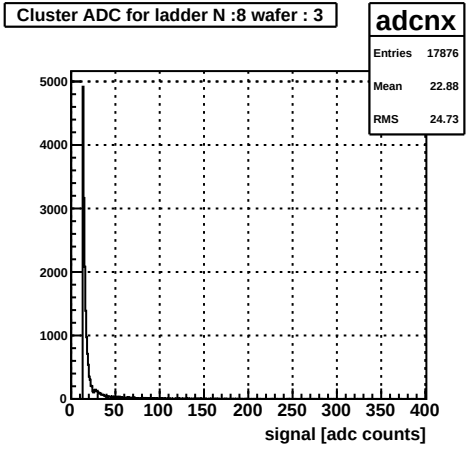

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 3578
Mean 30.44
RMS 29.71
signal [adc counts]

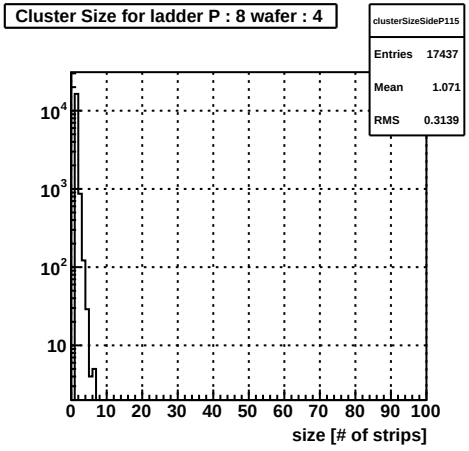

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 8633
Mean 1.088
RMS 0.3488
size [# of strips]

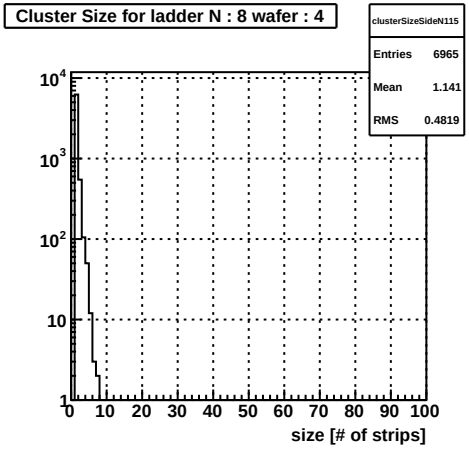

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 17876
Mean 1.209
RMS 0.702
size [# of strips]

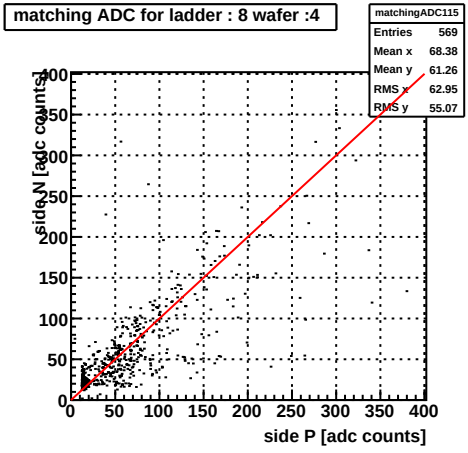

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 891
Mean x 55.28
Mean y 56.36
RMS x 53.95
RMS y 55.83
side N [adc counts]
side P [adc counts]

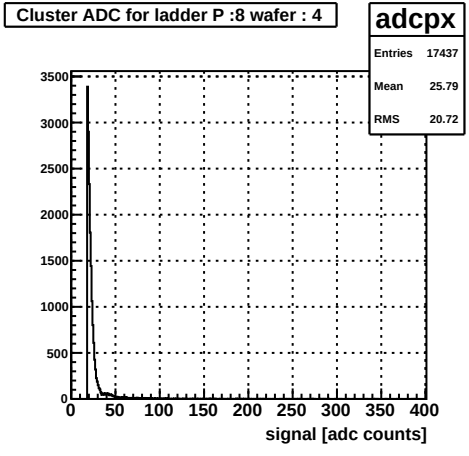

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 8633
Mean 32.45
RMS 30.07
signal [adc counts]

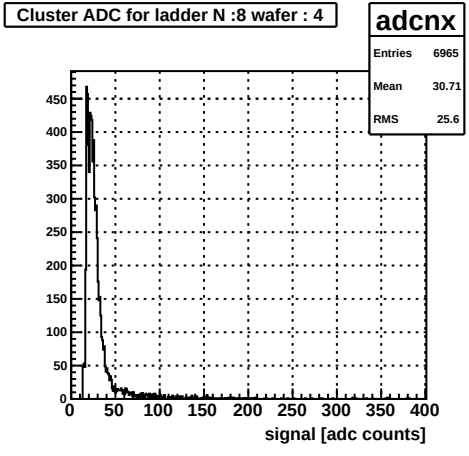

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 17876
Mean 22.88
RMS 24.73
signal [adc counts]

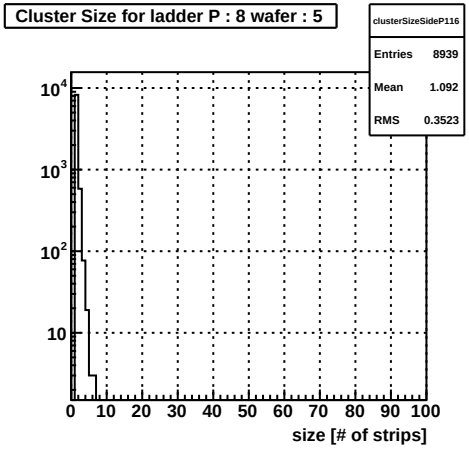

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 17437
Mean 1.071
RMS 0.3139
size [# of strips]

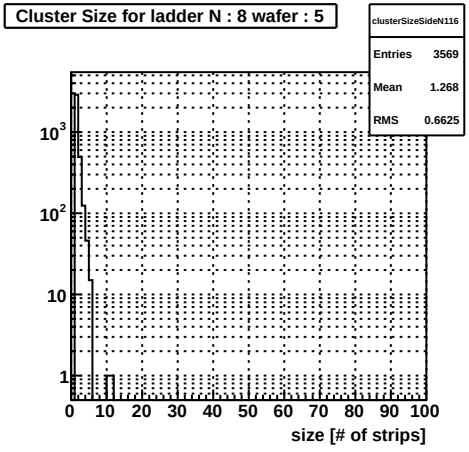

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 6965
Mean 1.141
RMS 0.4819
size [# of strips]

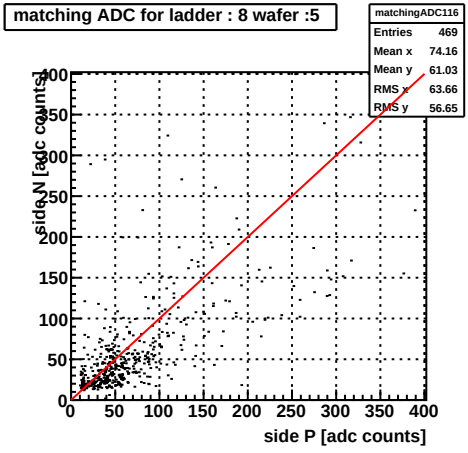

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 569
Mean x 68.38
Mean y 61.26
RMS x 62.95
RMS y 55.07
side N [adc counts]
side P [adc counts]

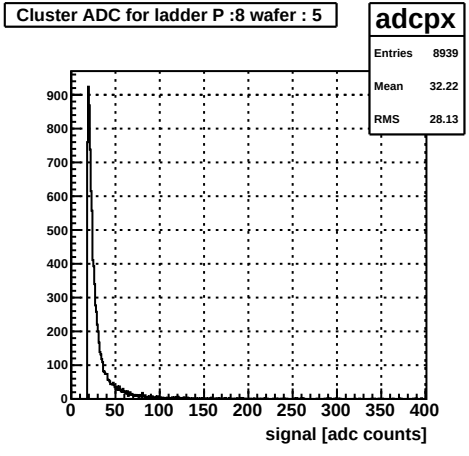

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 17437
Mean 25.79
RMS 20.72
signal [adc counts]

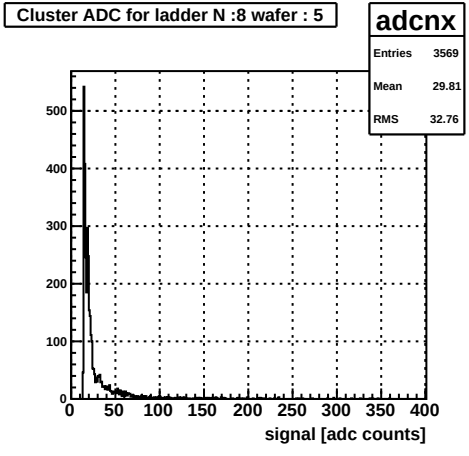

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 6965
Mean 30.71
RMS 25.6
signal [adc counts]

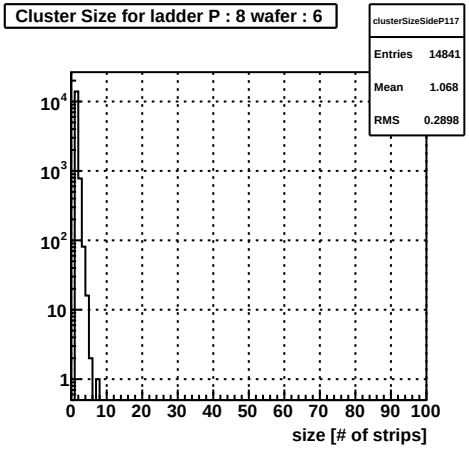

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 8939
Mean 1.092
RMS 0.3523
size [# of strips]

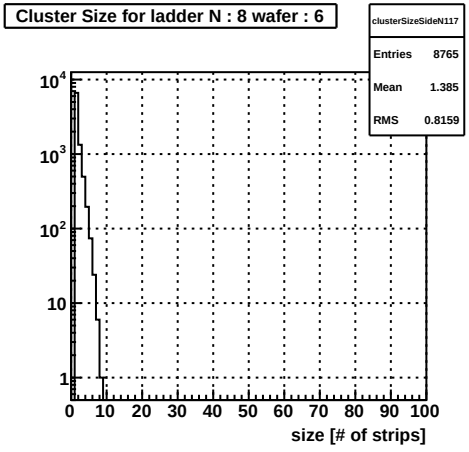

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 3569
Mean 1.268
RMS 0.6625
size [# of strips]

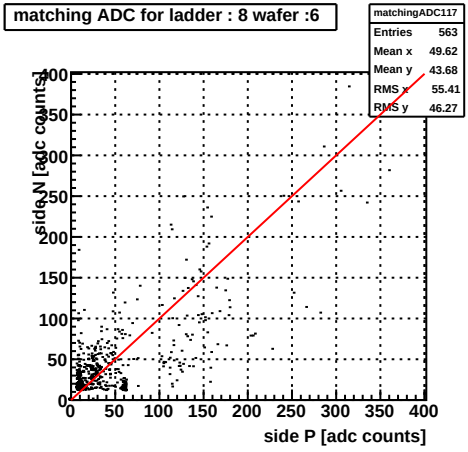

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 469
Mean x 74.16
Mean y 61.03
RMS x 63.66
RMS y 56.65
side N [adc counts]
side P [adc counts]

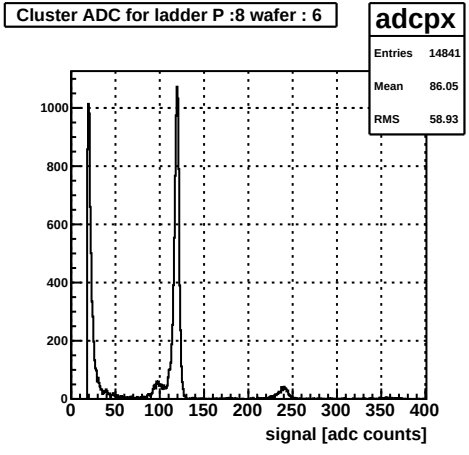

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 8939
Mean 32.22
RMS 28.13
signal [adc counts]

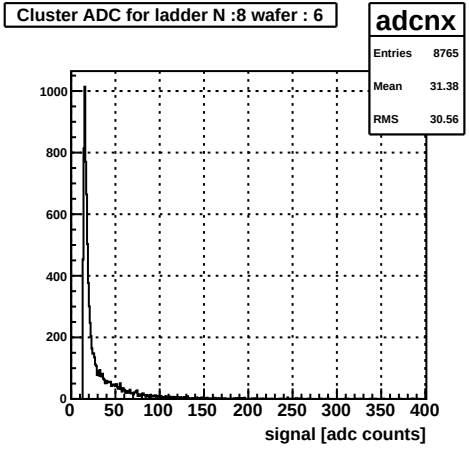

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 3569
Mean 29.81
RMS 32.76
signal [adc counts]

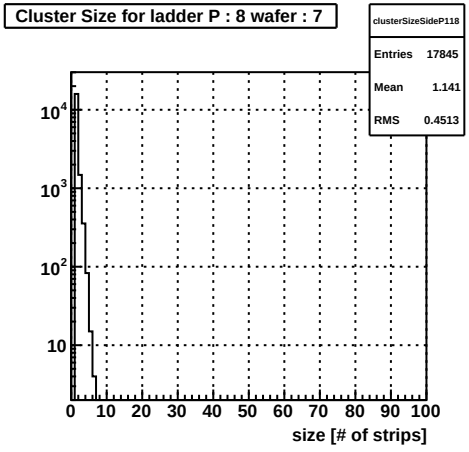

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 14841
Mean 1.068
RMS 0.2898
size [# of strips]

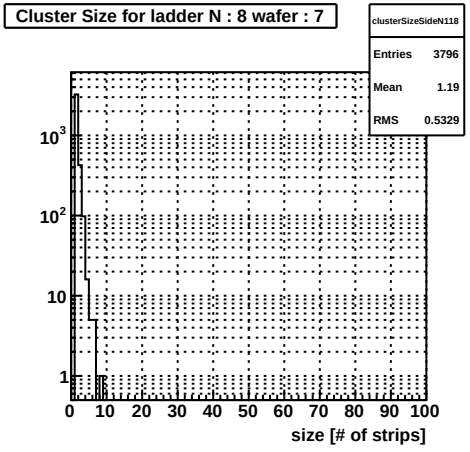

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 8765
Mean 1.385
RMS 0.8159
size [# of strips]

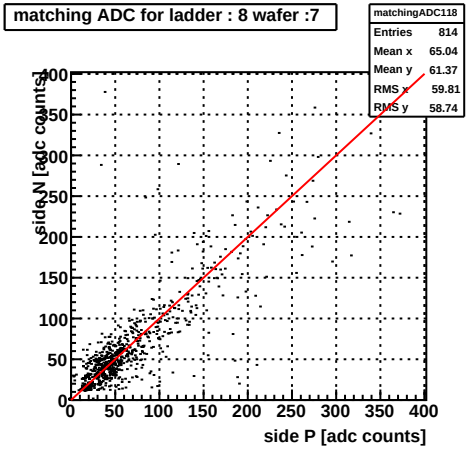

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 563
Mean x 49.62
Mean y 43.68
RMS x 55.41
RMS y 46.27
side N [adc counts]
side P [adc counts]

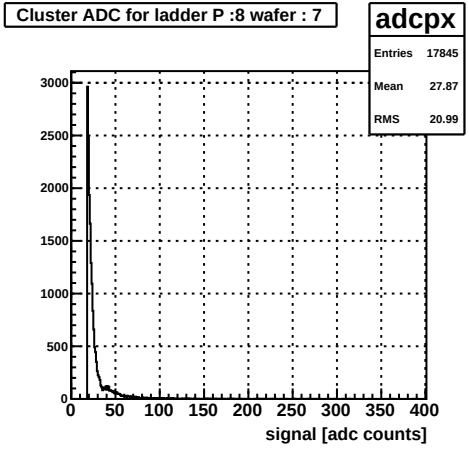

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 14841
Mean 86.05
RMS 58.93
signal [adc counts]

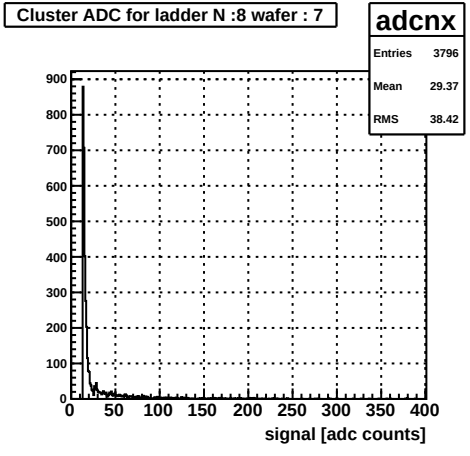

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 8765
Mean 31.38
RMS 30.56
signal [adc counts]

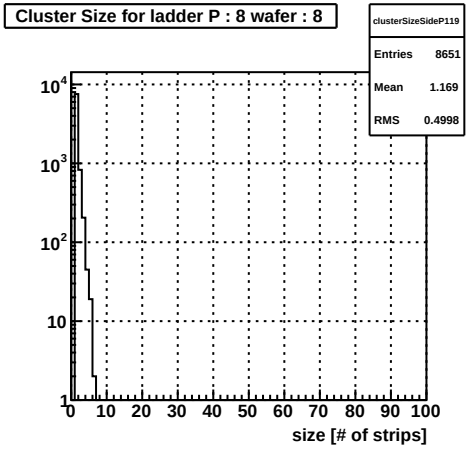

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 17845
Mean 1.141
RMS 0.4513
size [# of strips]

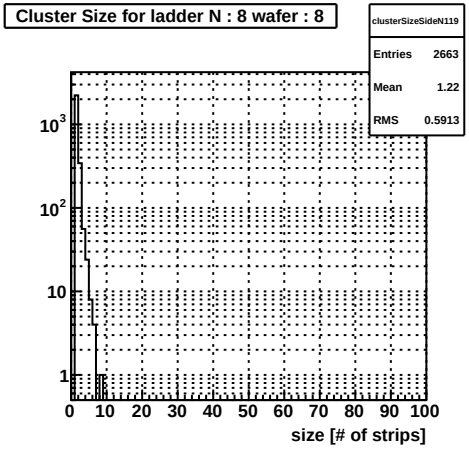

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 3796
Mean 1.19
RMS 0.5329
size [# of strips]

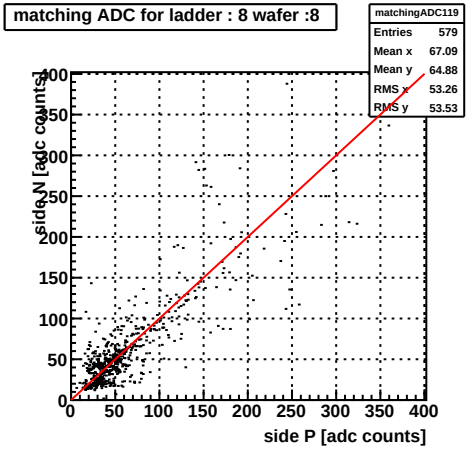

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 814
Mean x 65.04
Mean y 61.37
RMS x 59.81
RMS y 58.74
side N [adc counts]
side P [adc counts]

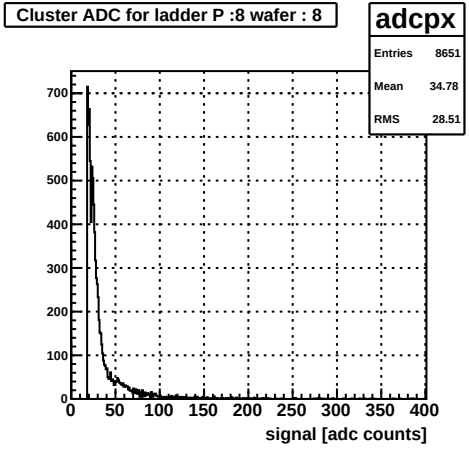

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 17845
Mean 27.87
RMS 20.99
signal [adc counts]

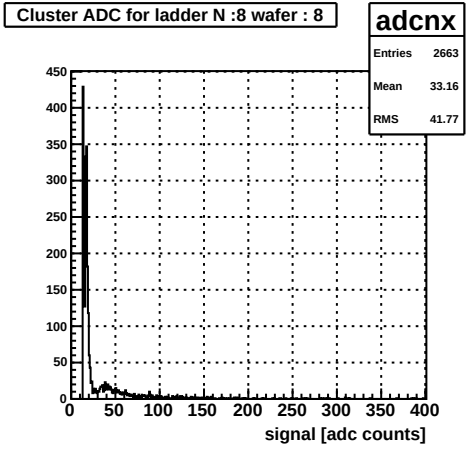

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 3796
Mean 29.37
RMS 38.42
signal [adc counts]

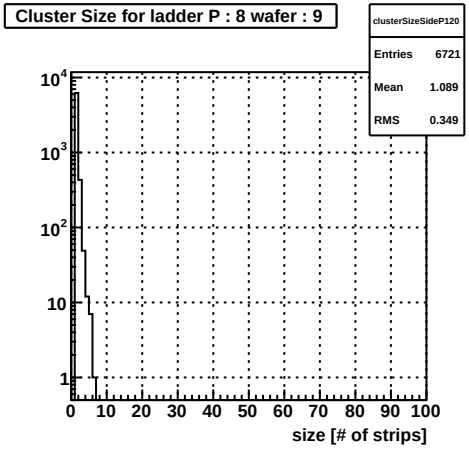

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 8651
Mean 1.169
RMS 0.4998
size [# of strips]

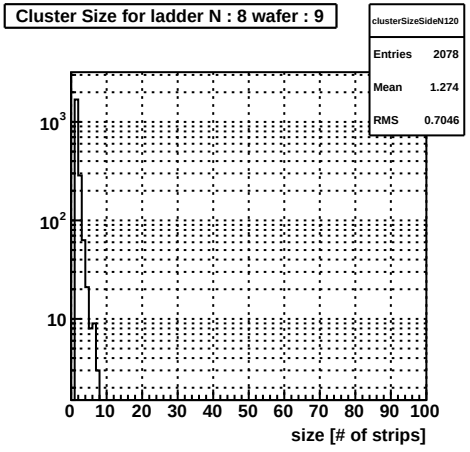

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 2663
Mean 1.22
RMS 0.5913
size [# of strips]

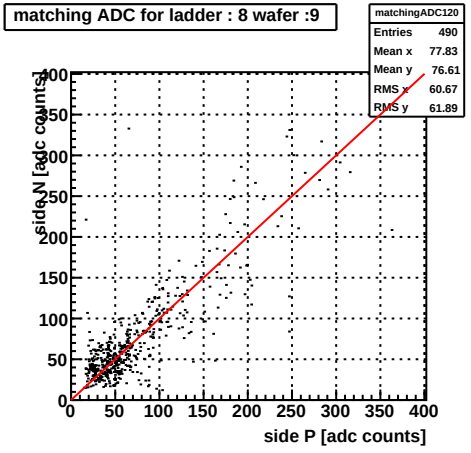

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 579
Mean x 67.09
Mean y 64.88
RMS x 53.26
RMS y 53.53
side N [adc counts]
side P [adc counts]

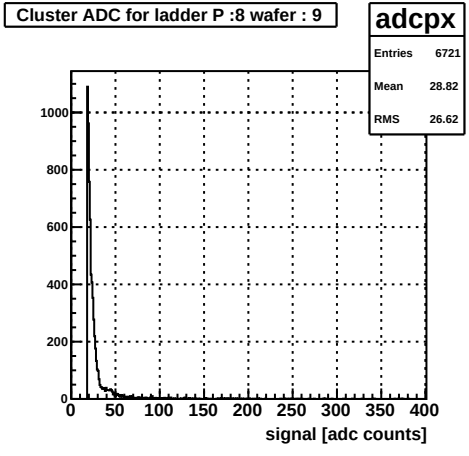

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 8651
Mean 34.78
RMS 28.51
signal [adc counts]

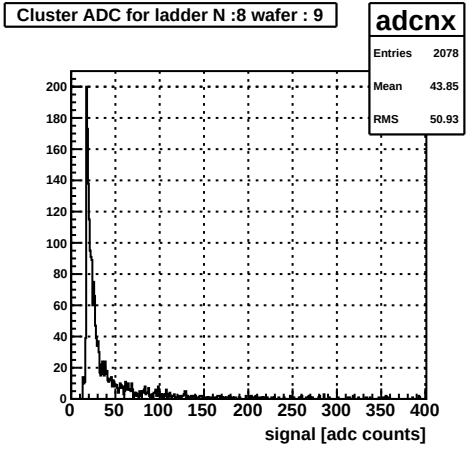

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 2663
Mean 33.16
RMS 41.77
signal [adc counts]

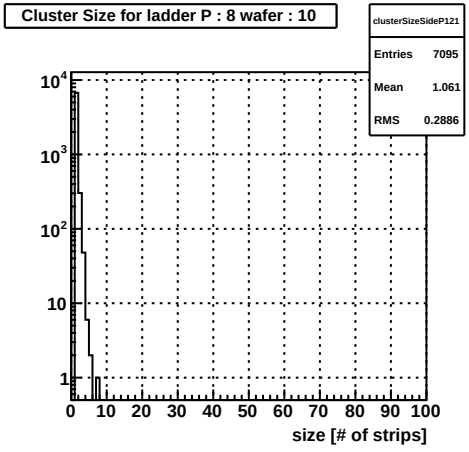

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 6721
Mean 1.089
RMS 0.349
size [# of strips]

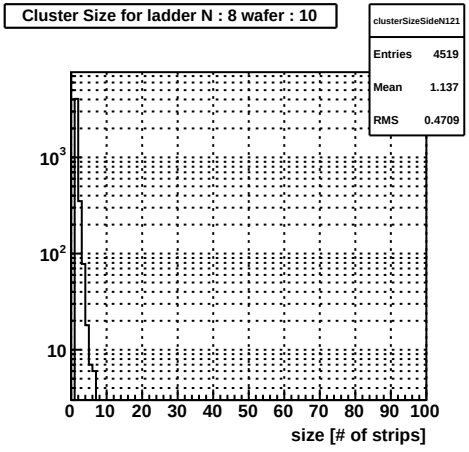

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 2078
Mean 1.274
RMS 0.7046
size [# of strips]

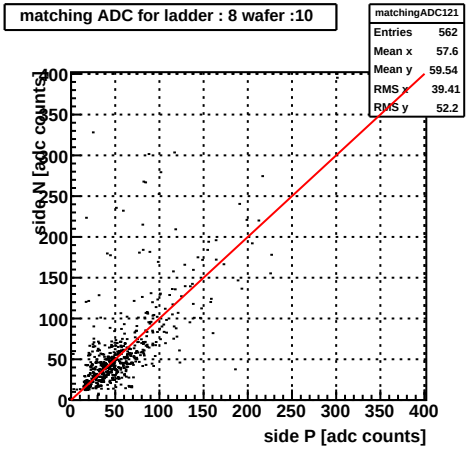

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 490
Mean x 77.83
Mean y 76.61
RMS x 60.67
RMS y 61.89
side N [adc counts]
side P [adc counts]

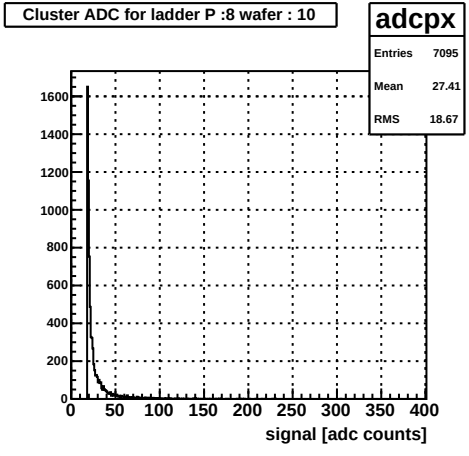

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 6721
Mean 28.82
RMS 26.62
signal [adc counts]

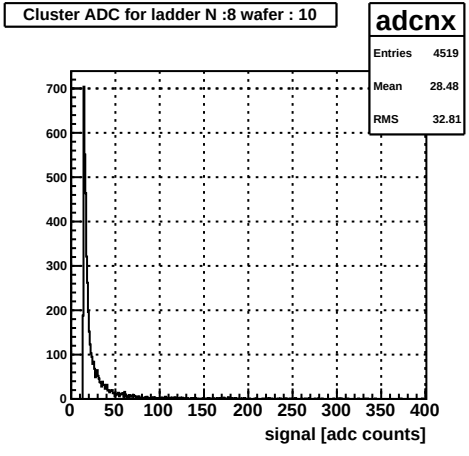

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 2078
Mean 43.85
RMS 50.93
signal [adc counts]

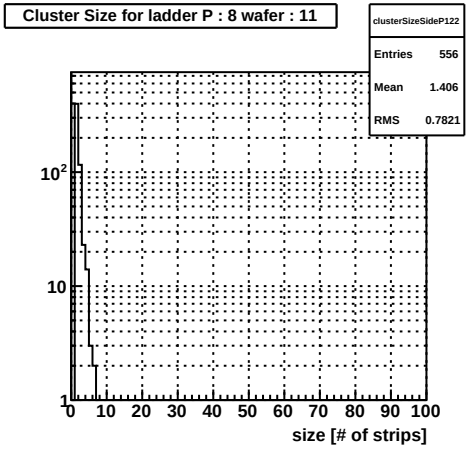

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 7095
Mean 1.061
RMS 0.2886
size [# of strips]

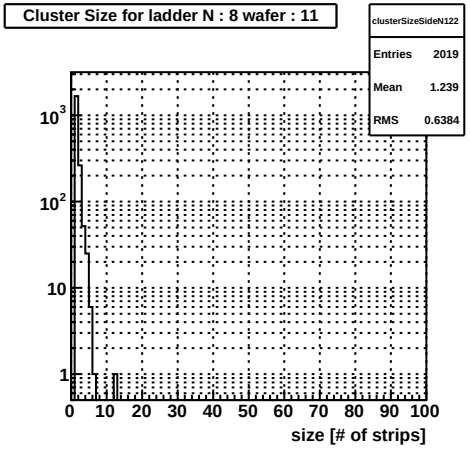

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 4519
Mean 1.137
RMS 0.4709
size [# of strips]

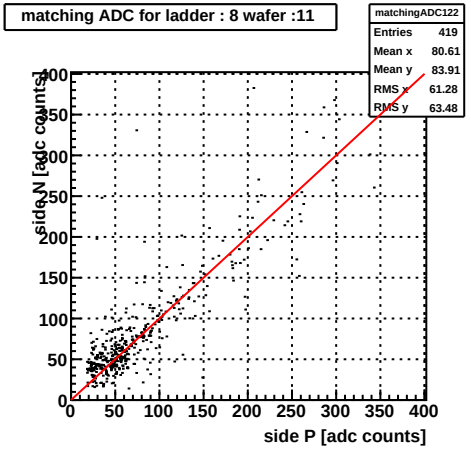

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 562
Mean x 57.6
Mean y 59.54
RMS x 39.41
RMS y 52.2
side N [adc counts]
side P [adc counts]

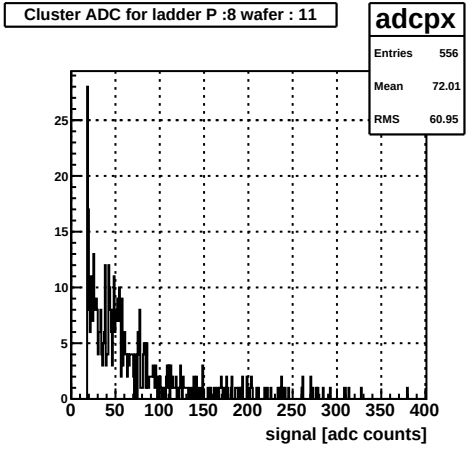

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 7095
Mean 27.41
RMS 18.67
signal [adc counts]

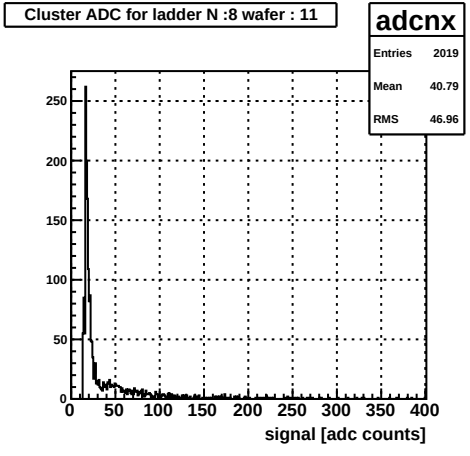

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 4519
Mean 28.48
RMS 32.81
signal [adc counts]

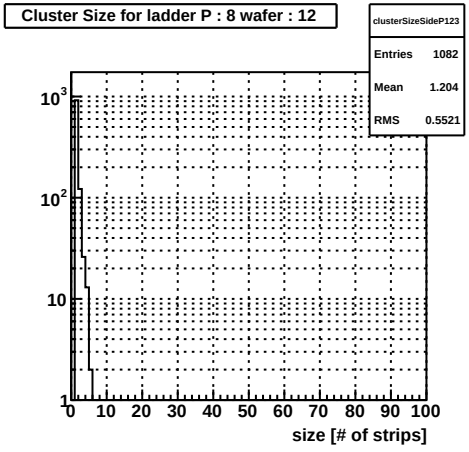

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 556
Mean 1.406
RMS 0.7821
size [# of strips]

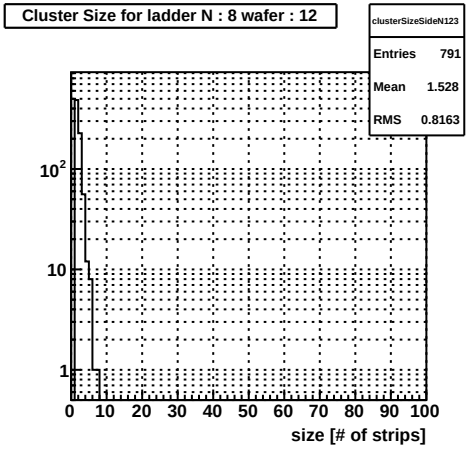

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 2019
Mean 1.239
RMS 0.6384
size [# of strips]

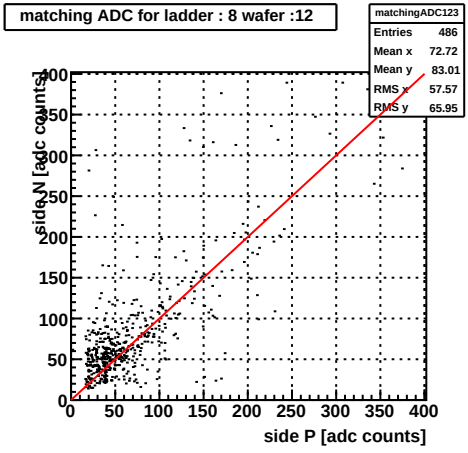

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 419
Mean x 80.61
Mean y 83.91
RMS x 61.28
RMS y 63.48
side N [adc counts]
side P [adc counts]

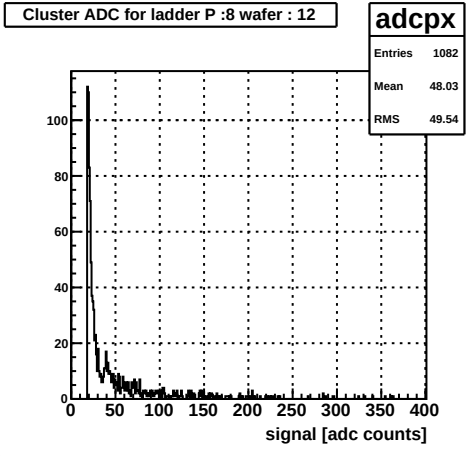

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 556
Mean 72.01
RMS 60.95
signal [adc counts]

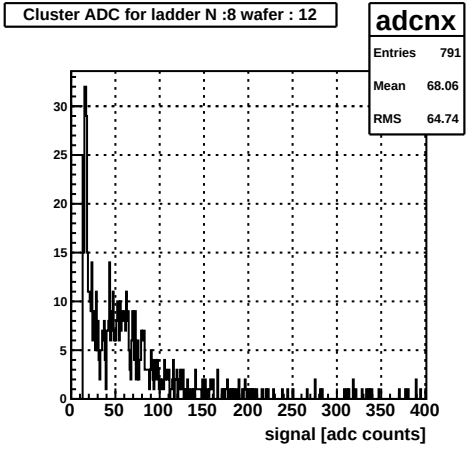

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 2019
Mean 40.79
RMS 46.96
signal [adc counts]

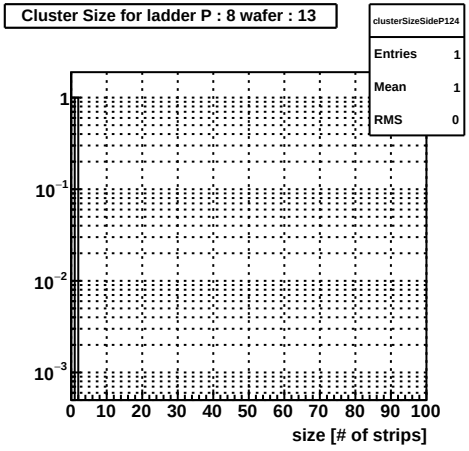

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 1082
Mean 1.204
RMS 0.5521
size [# of strips]

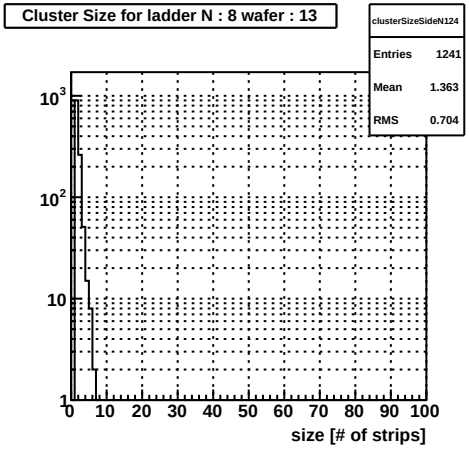

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 791
Mean 1.528
RMS 0.8163
size [# of strips]

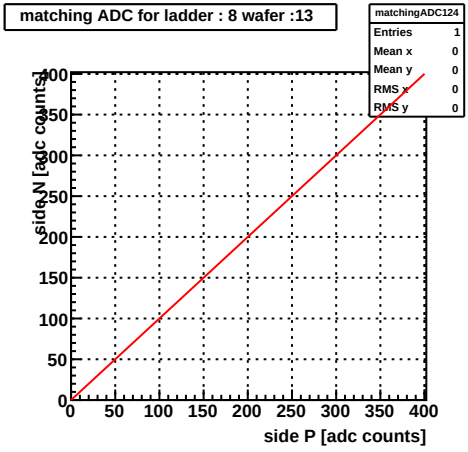

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 486
Mean x 72.72
Mean y 83.01
RMS x 57.57
RMS y 65.95
side N [adc counts]
side P [adc counts]

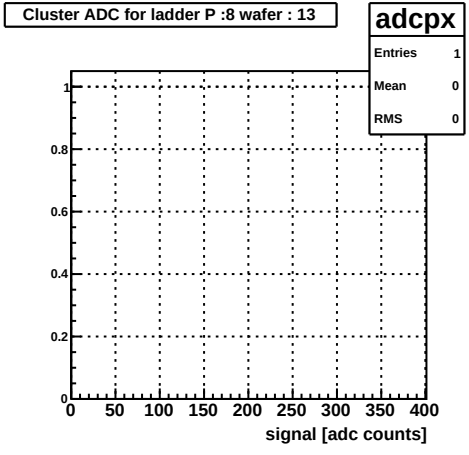

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 1082
Mean 48.03
RMS 49.54
signal [adc counts]

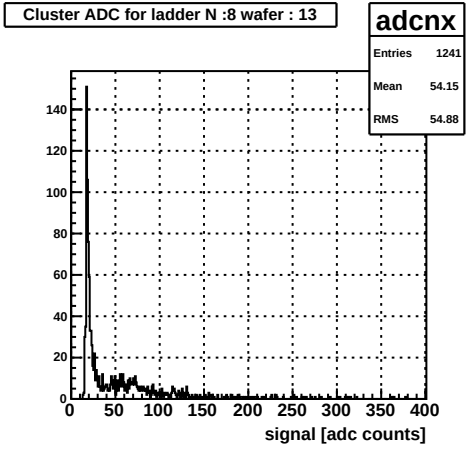

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 791
Mean 68.06
RMS 64.74
signal [adc counts]

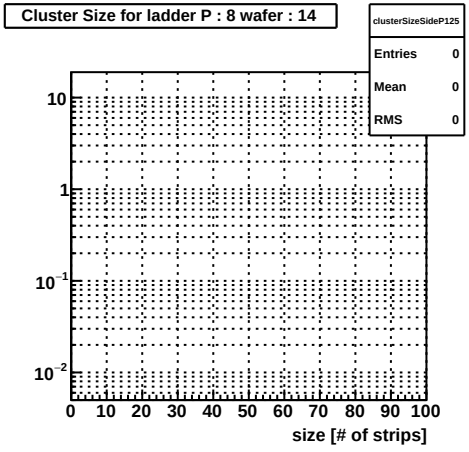

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 1
Mean 1
RMS 0
size [# of strips]

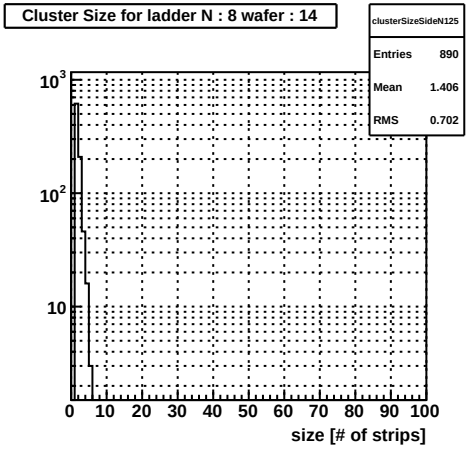

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 1241
Mean 1.363
RMS 0.704
size [# of strips]

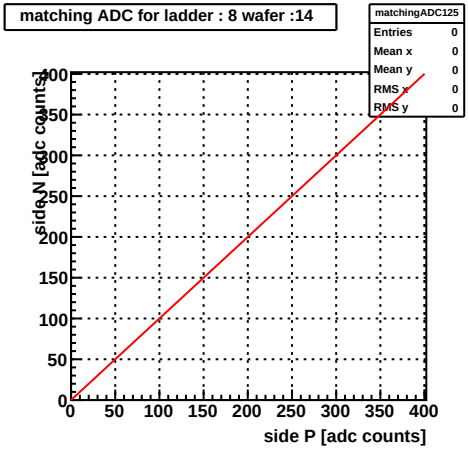

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

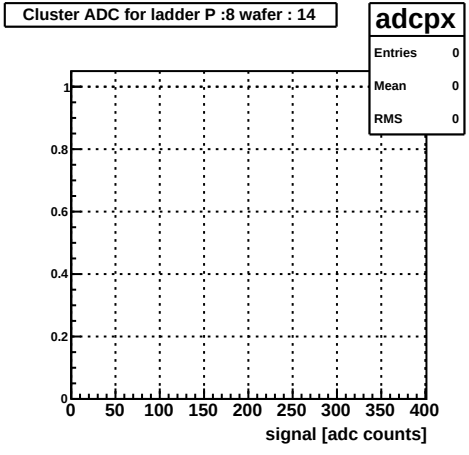

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

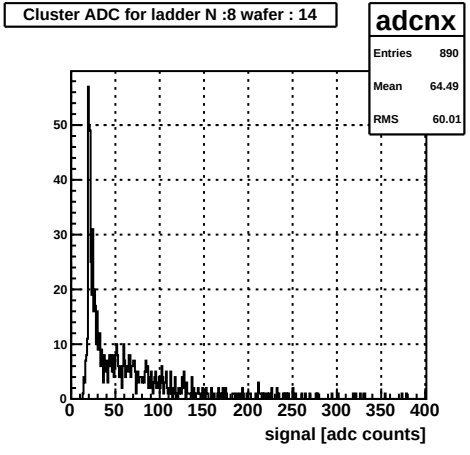

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 1241
Mean 54.15
RMS 54.88
signal [adc counts]

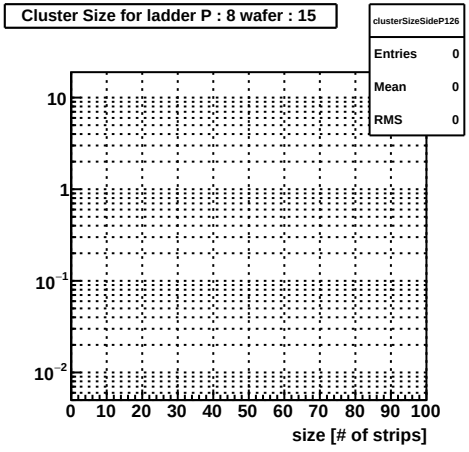

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

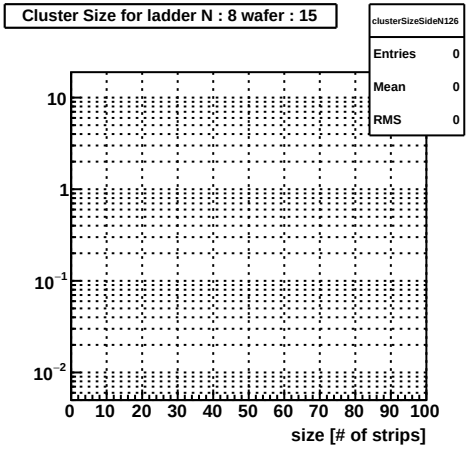

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 890
Mean 1.406
RMS 0.702
size [# of strips]

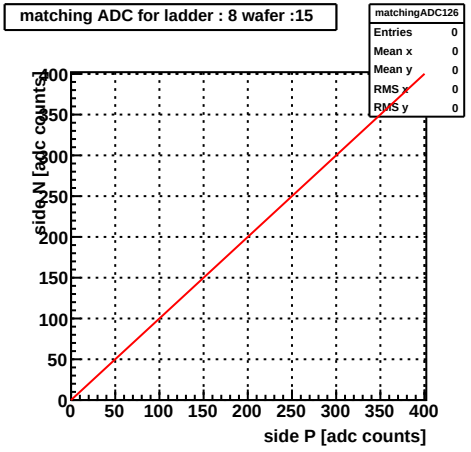

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

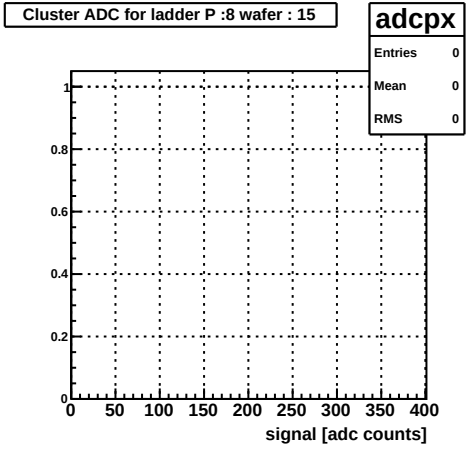

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

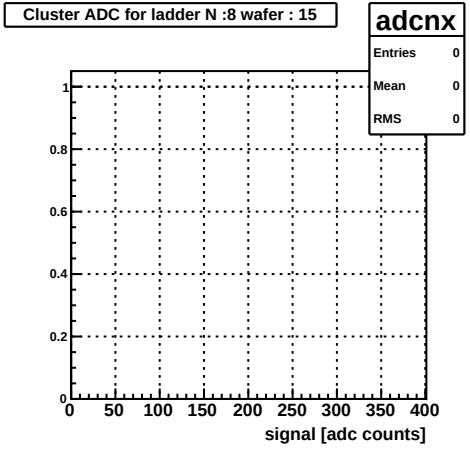

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 890
Mean 64.49
RMS 60.01
signal [adc counts]

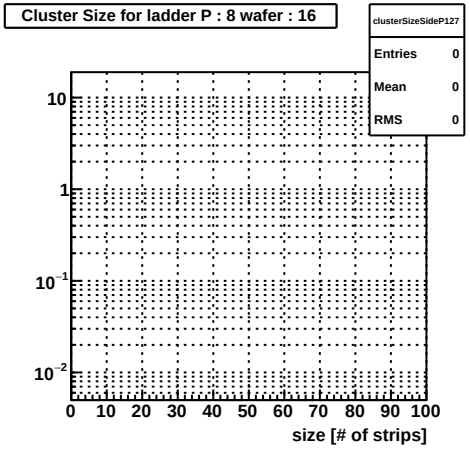

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 0
Mean 0
RMS 0
size [# of strips]

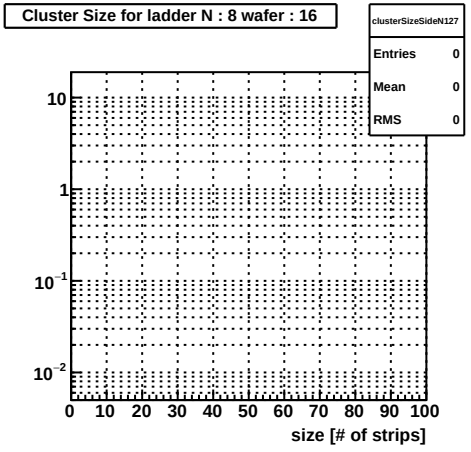

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

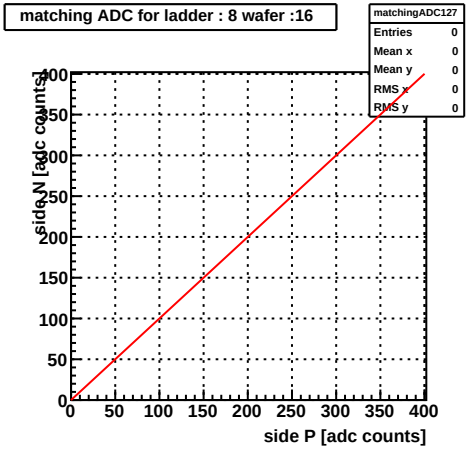

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

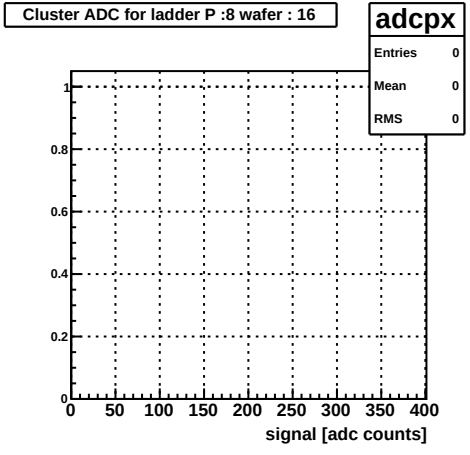

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

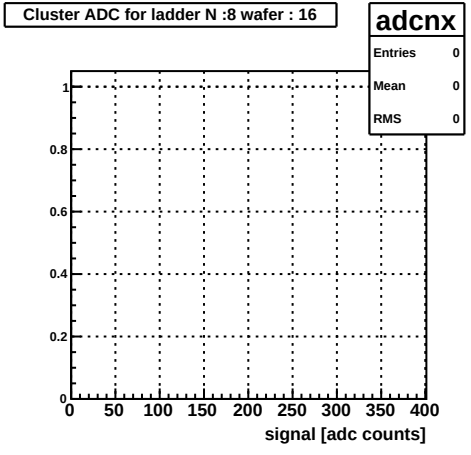

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

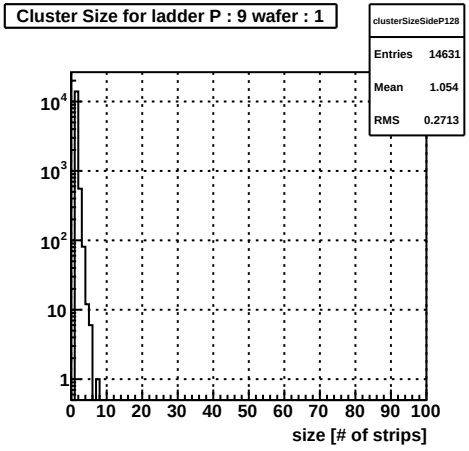

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

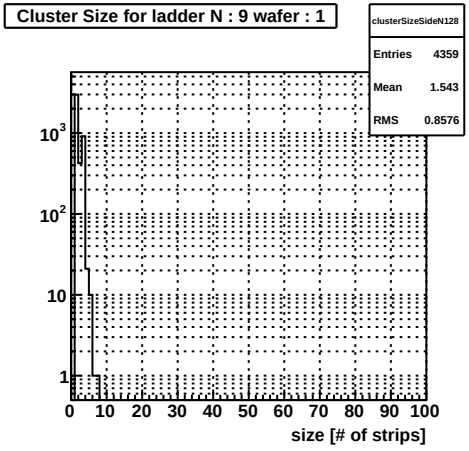

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

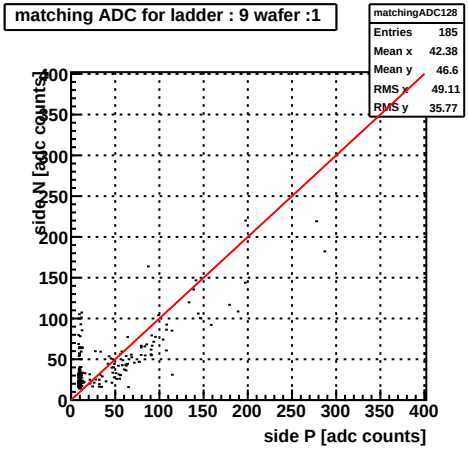

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

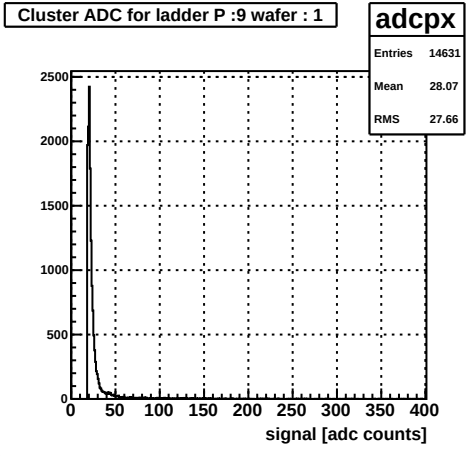

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

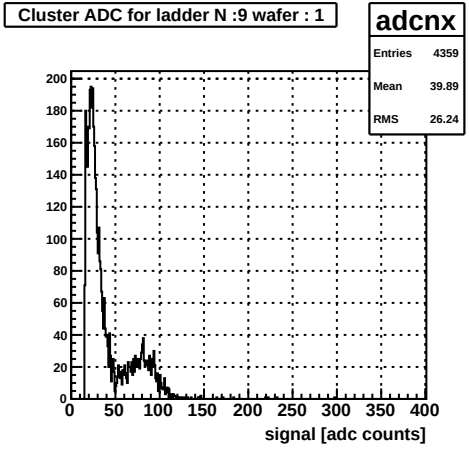

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

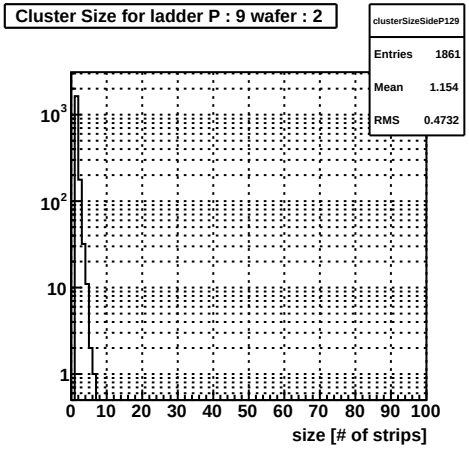

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 14631
Mean 1.054
RMS 0.2713
size [# of strips]

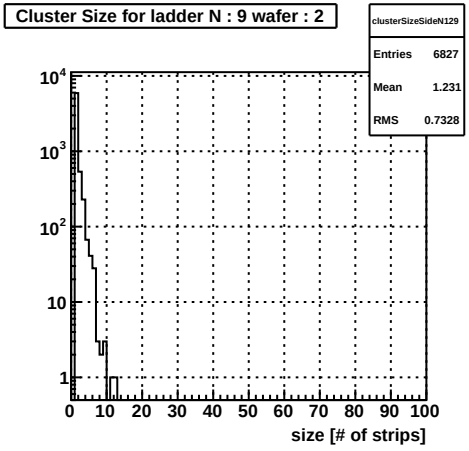

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 4359
Mean 1.543
RMS 0.8576
size [# of strips]

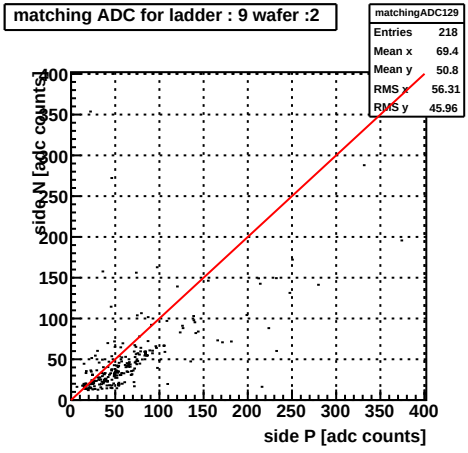

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 185
Mean x 42.38
Mean y 46.6
RMS x 49.11
RMS y 35.77
side N [adc counts]
side P [adc counts]

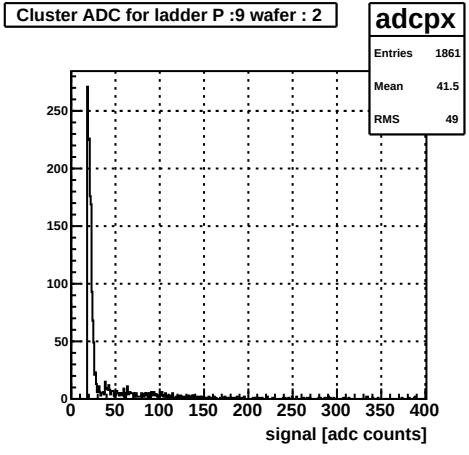

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 14631
Mean 28.07
RMS 27.66
signal [adc counts]

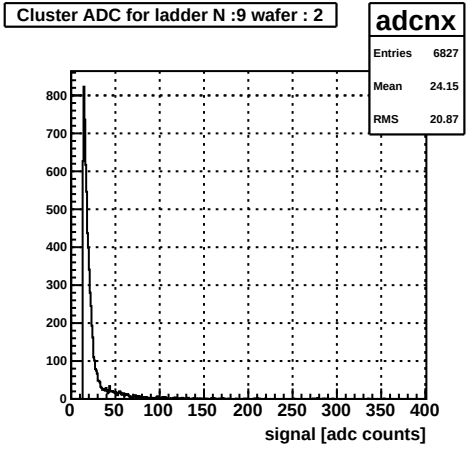

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 4359
Mean 39.89
RMS 26.24
signal [adc counts]

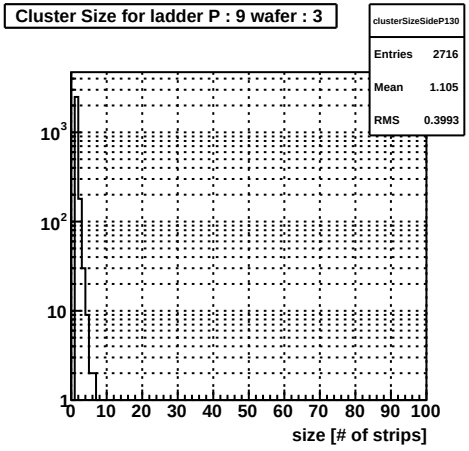

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 1861
Mean 1.154
RMS 0.4732
size [# of strips]

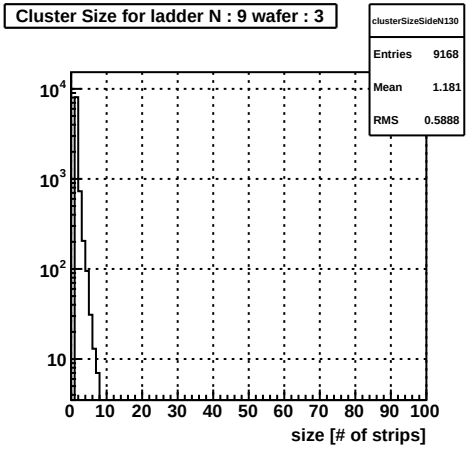

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 6827
Mean 1.231
RMS 0.7328
size [# of strips]

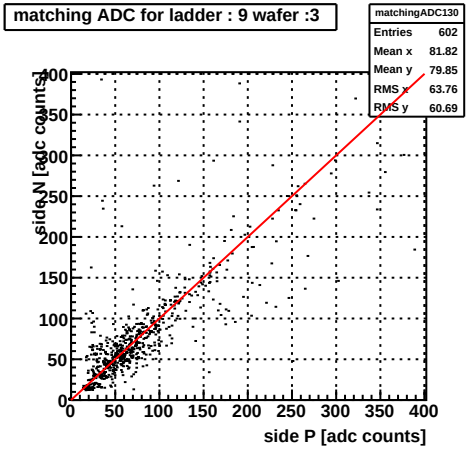

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 218
Mean x 69.4
Mean y 50.8
RMS x 56.31
RMS y 45.96
side N [adc counts]
side P [adc counts]

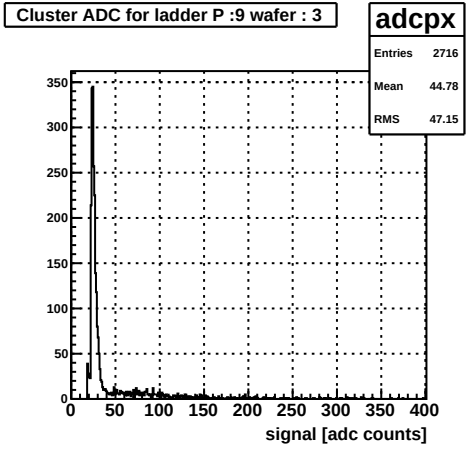

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 1861
Mean 41.5
RMS 49
signal [adc counts]

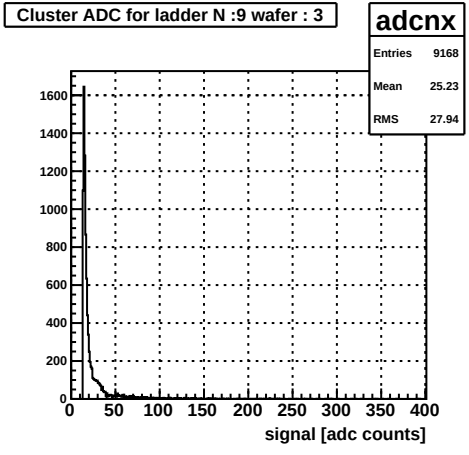

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 6827
Mean 24.15
RMS 20.87
signal [adc counts]

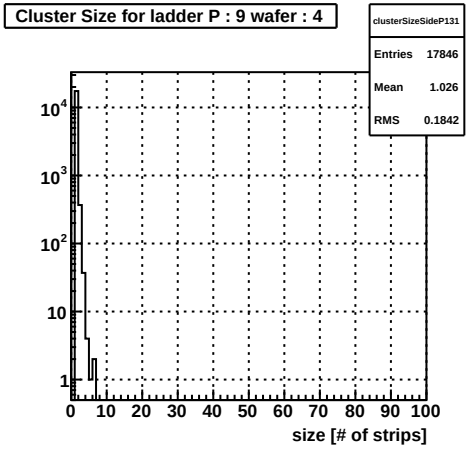

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 2716
Mean 1.105
RMS 0.3993
size [# of strips]

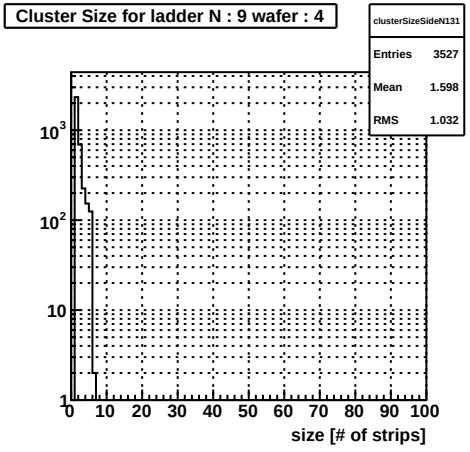

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 9168
Mean 1.181
RMS 0.5888
size [# of strips]

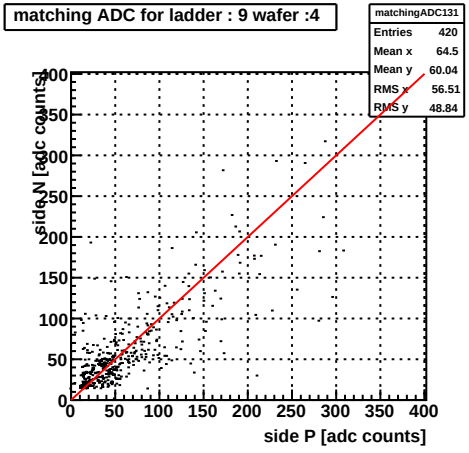

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 602
Mean x 81.82
Mean y 79.85
RMS x 63.76
RMS y 60.69
side N [adc counts]
side P [adc counts]

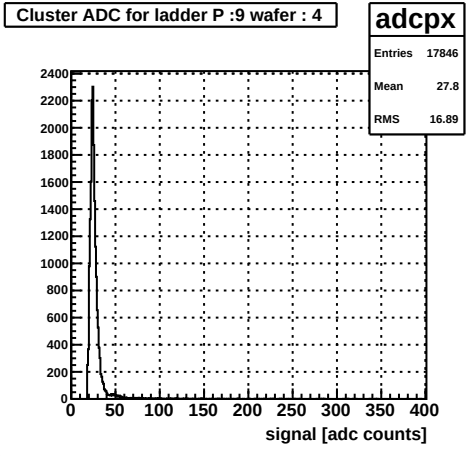

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 2716
Mean 44.78
RMS 47.15
signal [adc counts]

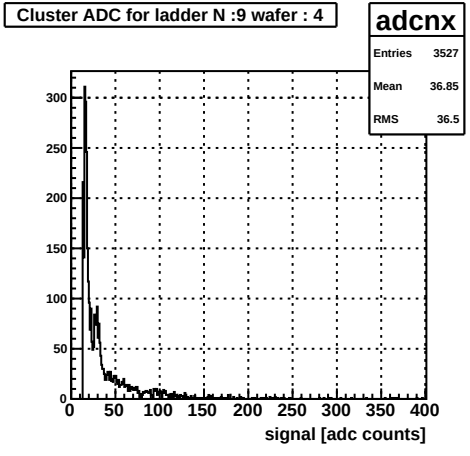

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 9168
Mean 25.23
RMS 27.94
signal [adc counts]

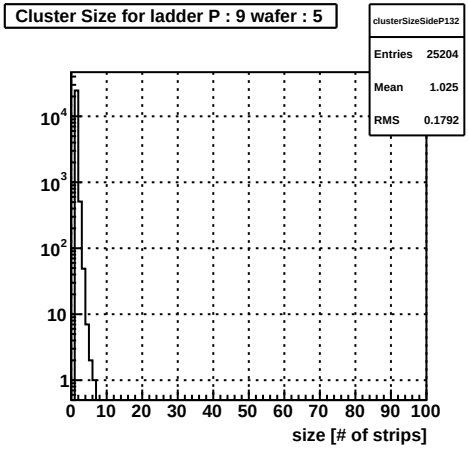

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 17846
Mean 1.026
RMS 0.1842
size [# of strips]

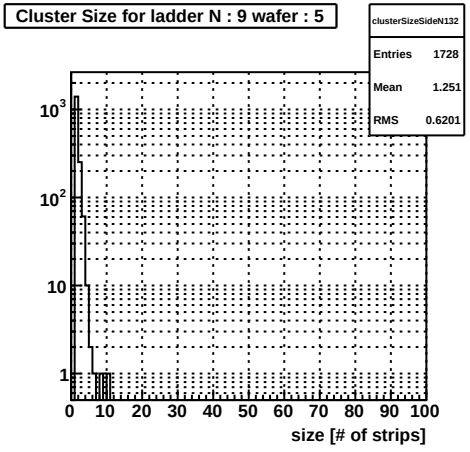

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 3527
Mean 1.598
RMS 1.032
size [# of strips]

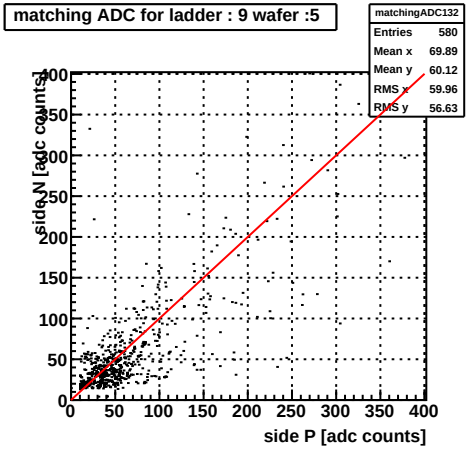

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 420
Mean x 64.5
Mean y 60.04
RMS x 56.51
RMS y 48.84
side N [adc counts]
side P [adc counts]

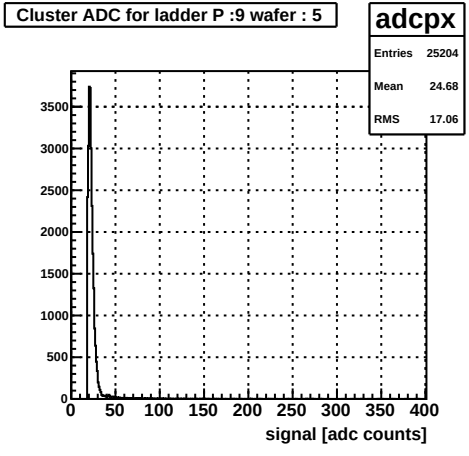

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 17846
Mean 27.8
RMS 16.89
signal [adc counts]

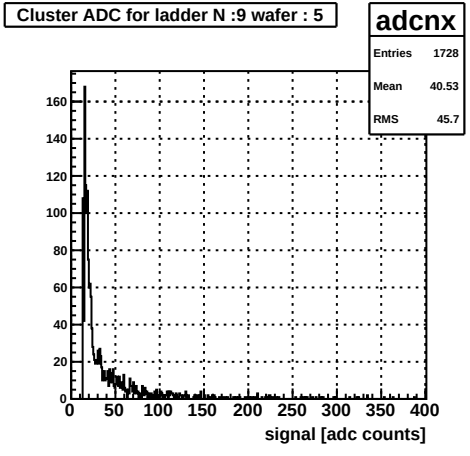

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 3527
Mean 36.85
RMS 36.5
signal [adc counts]

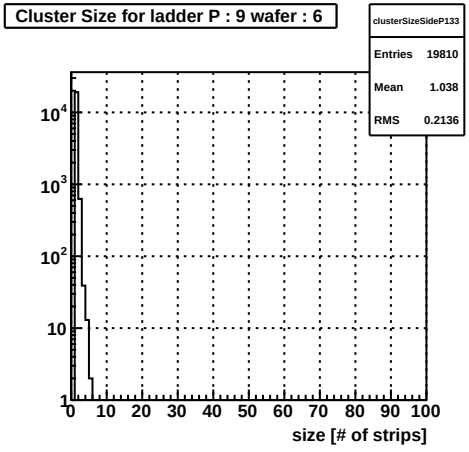

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 25204
Mean 1.025
RMS 0.1792
size [# of strips]

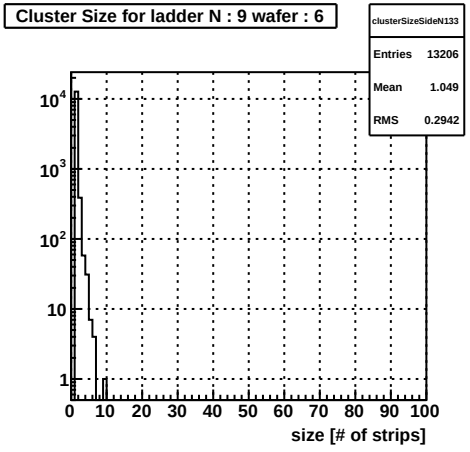

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 1728
Mean 1.251
RMS 0.6201
size [# of strips]

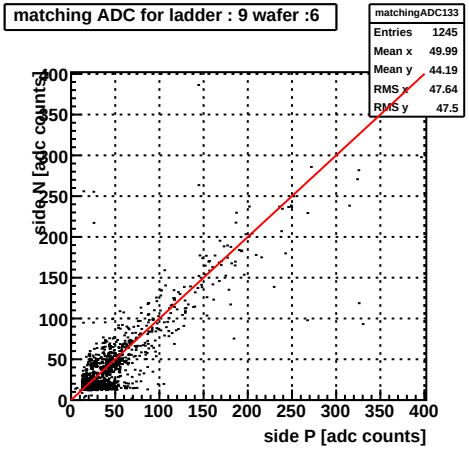

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 580
Mean x 69.89
Mean y 60.12
RMS x 59.96
RMS y 56.63
side N [adc counts]
side P [adc counts]

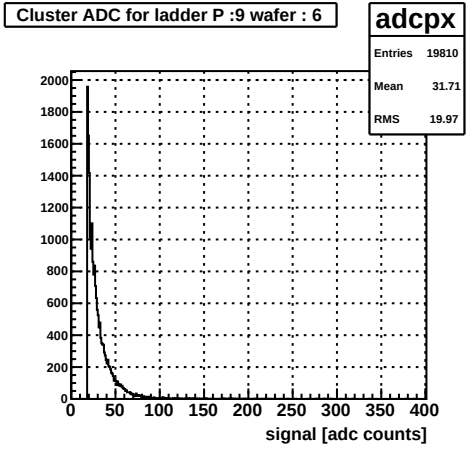

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 25204
Mean 24.68
RMS 17.06
signal [adc counts]

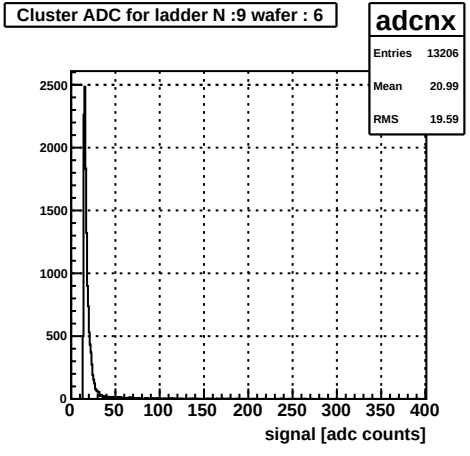

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 1728
Mean 40.53
RMS 45.7
signal [adc counts]

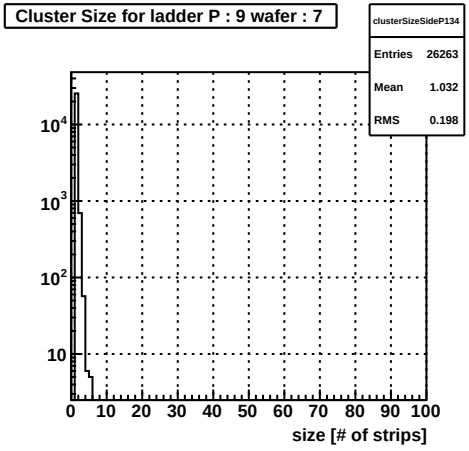

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 19810
Mean 1.038
RMS 0.2136
size [# of strips]

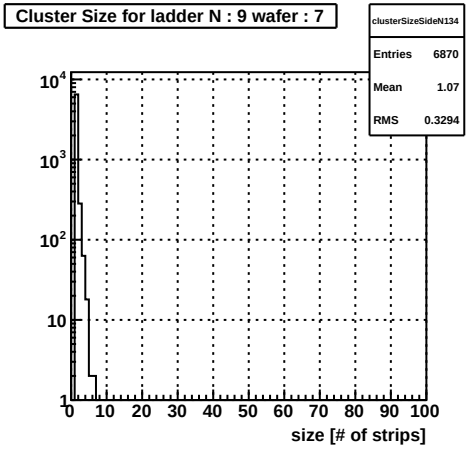

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 13206
Mean 1.049
RMS 0.2942
size [# of strips]

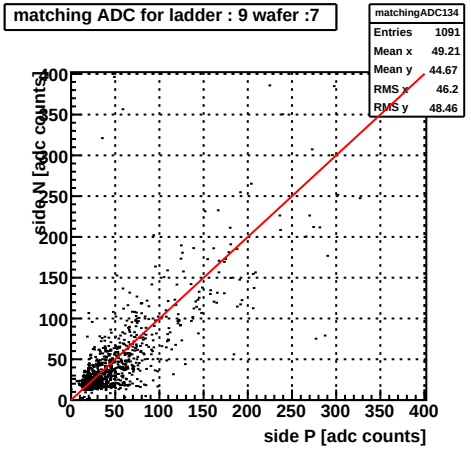

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 1245
Mean x 49.99
Mean y 44.19
RMS x 47.64
RMS y 47.5
side N [adc counts]
side P [adc counts]

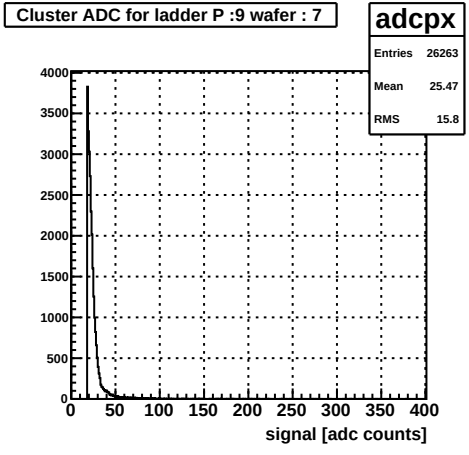

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 19810
Mean 31.71
RMS 19.97
signal [adc counts]

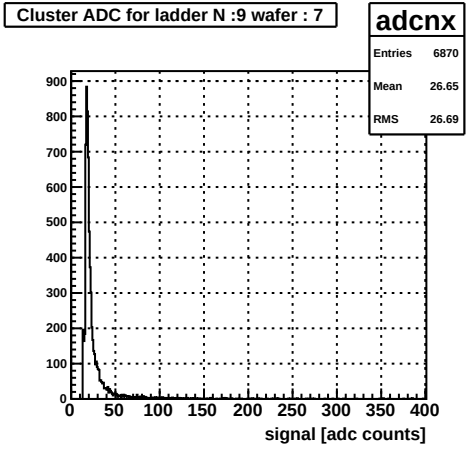

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 13206
Mean 20.99
RMS 19.59
signal [adc counts]

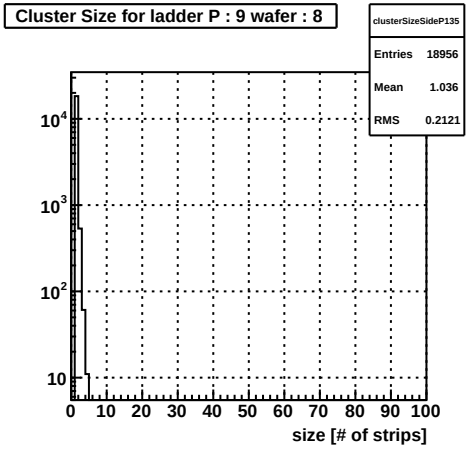

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 26263
Mean 1.032
RMS 0.198
size [# of strips]

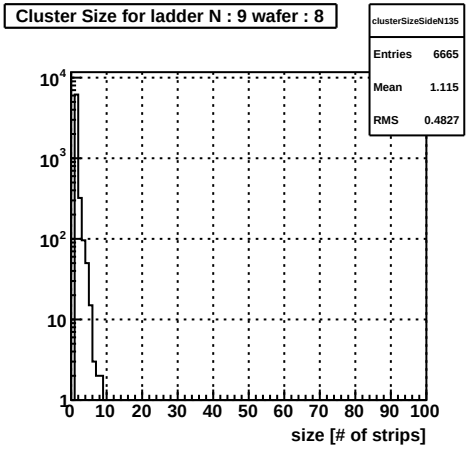

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 6870
Mean 1.07
RMS 0.3294
size [# of strips]

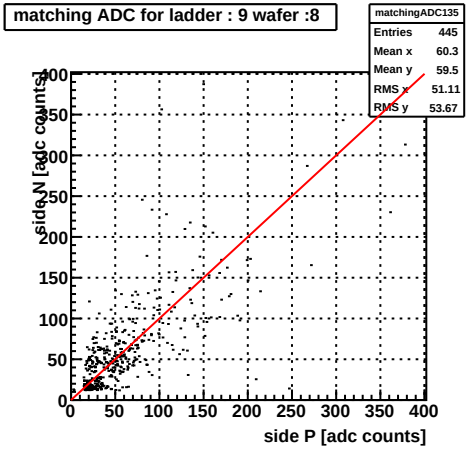

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1091
Mean x 49.21
Mean y 44.67
RMS x 46.2
RMS y 48.46
side N [adc counts]
side P [adc counts]

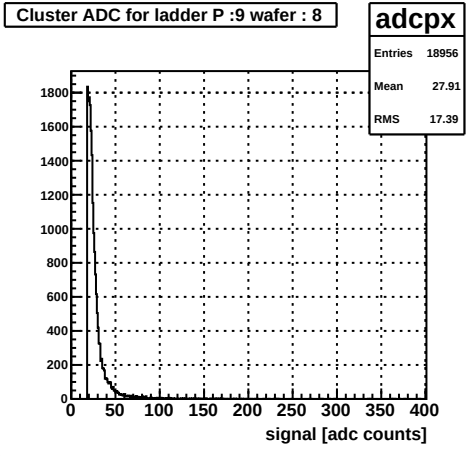

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 26263
Mean 25.47
RMS 15.8
signal [adc counts]

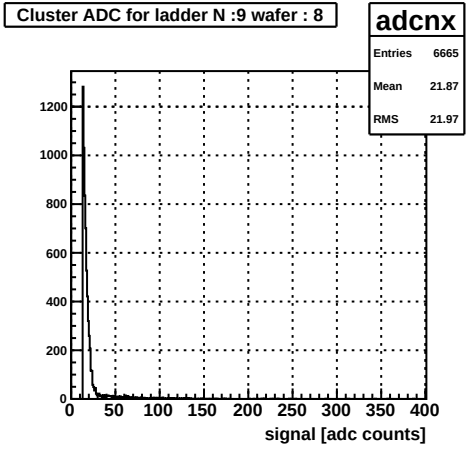

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 6870
Mean 26.65
RMS 26.69
signal [adc counts]

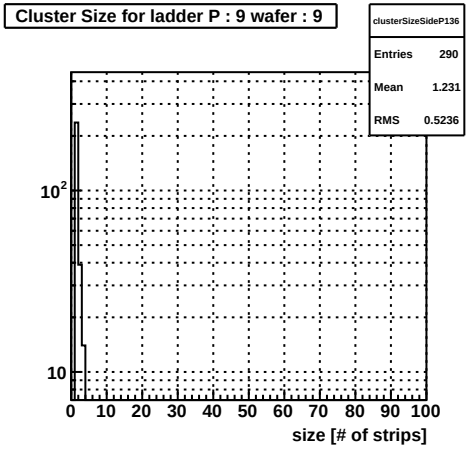

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 18956
Mean 1.036
RMS 0.2121
size [# of strips]

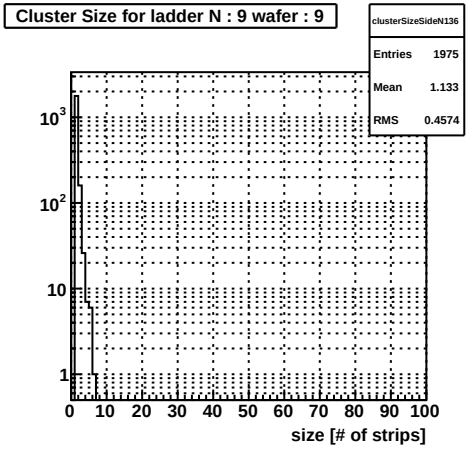

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 6665
Mean 1.115
RMS 0.4827
size [# of strips]

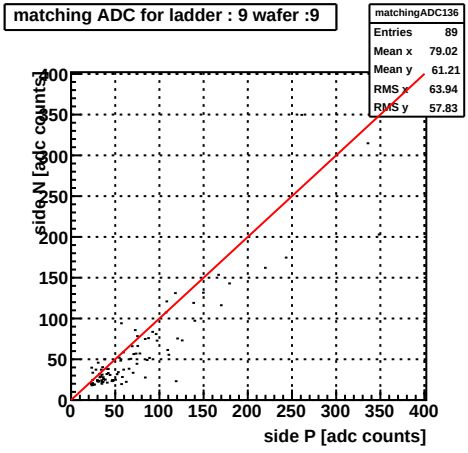

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 445
Mean x 60.3
Mean y 59.5
RMS x 51.11
RMS y 53.67
side N [adc counts]
side P [adc counts]

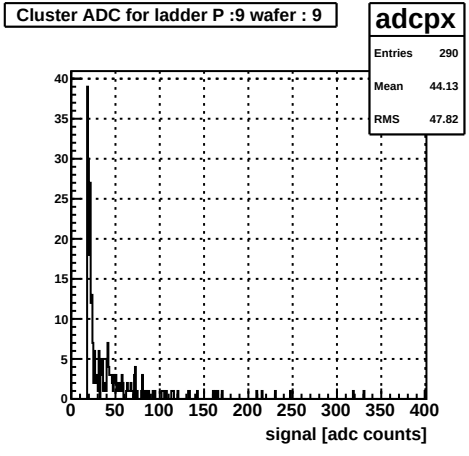

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 18956
Mean 27.91
RMS 17.39
signal [adc counts]

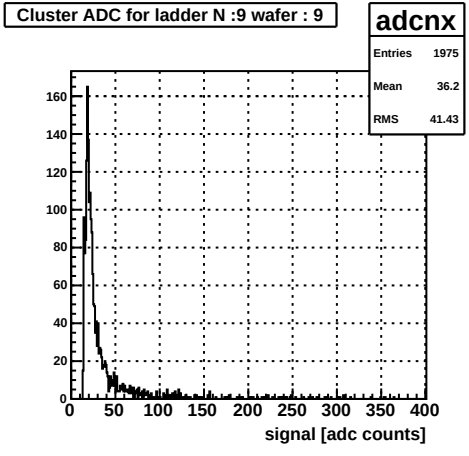

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 6665
Mean 21.87
RMS 21.97
signal [adc counts]

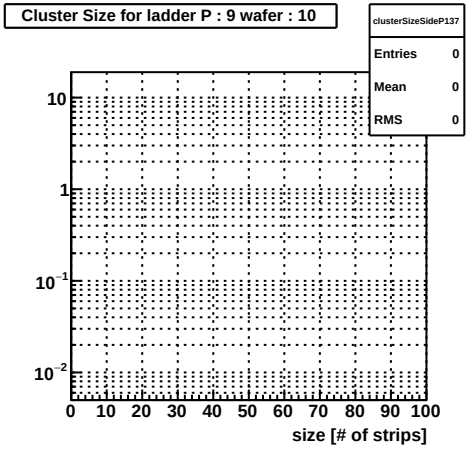

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 290
Mean 1.231
RMS 0.5236
size [# of strips]

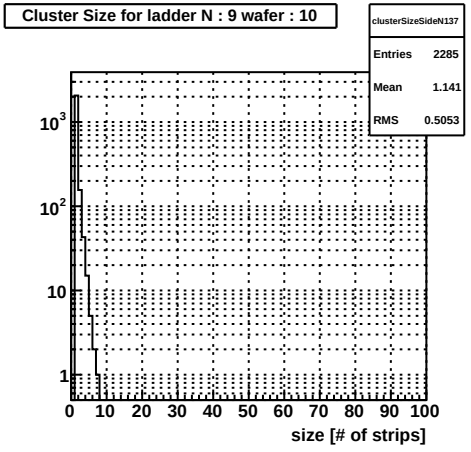

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 1975
Mean 1.133
RMS 0.4574
size [# of strips]

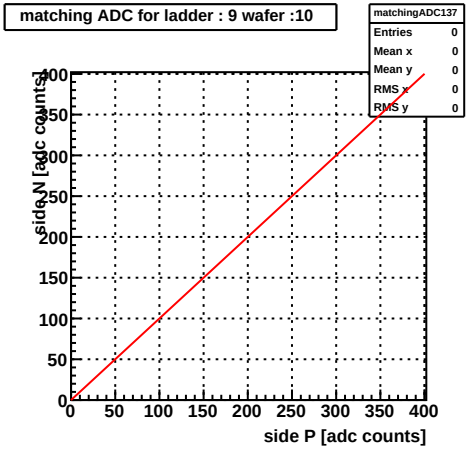

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 89
Mean x 79.02
Mean y 61.21
RMS x 63.94
RMS y 57.83
side N [adc counts]
side P [adc counts]

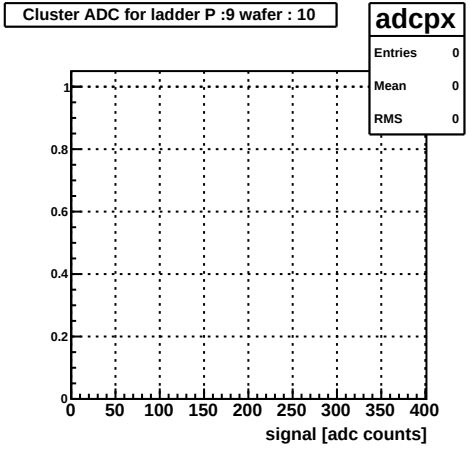

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 290
Mean 44.13
RMS 47.82
signal [adc counts]

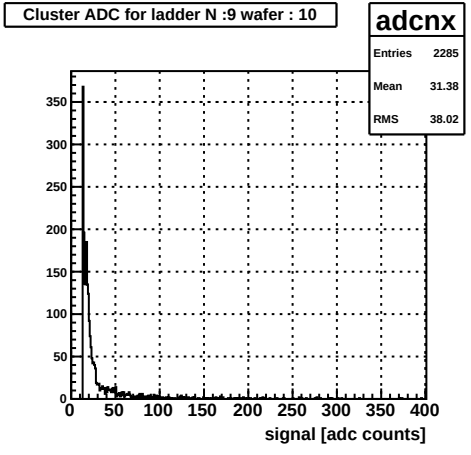

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 1975
Mean 36.2
RMS 41.43
signal [adc counts]

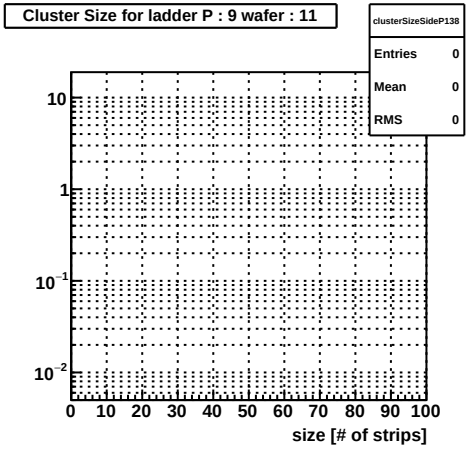

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

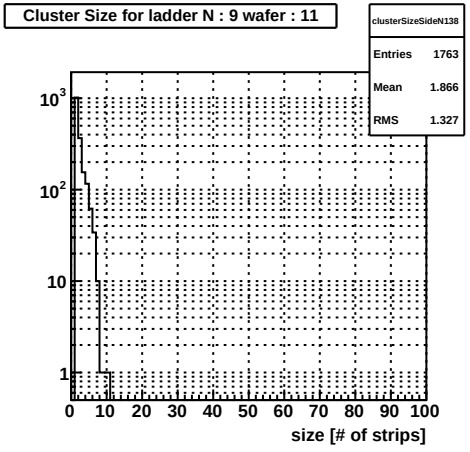

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 2285
Mean 1.141
RMS 0.5053
size [# of strips]

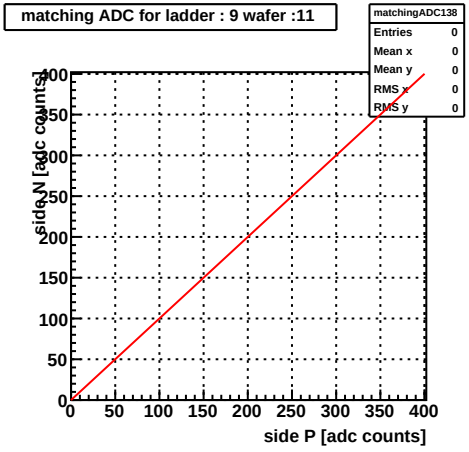

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

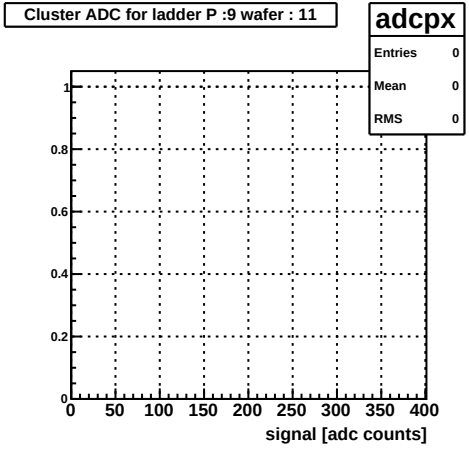

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

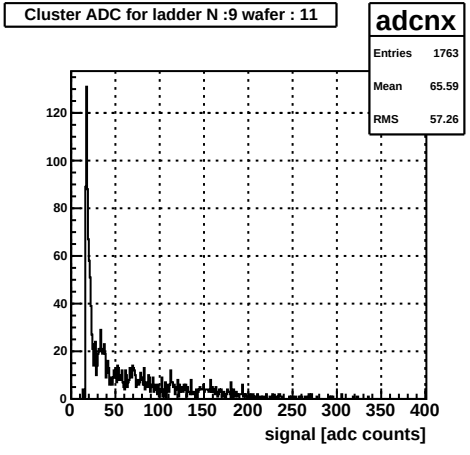

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 2285
Mean 31.38
RMS 38.02
signal [adc counts]

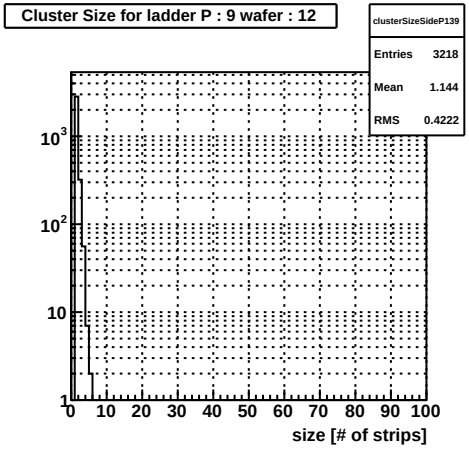

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

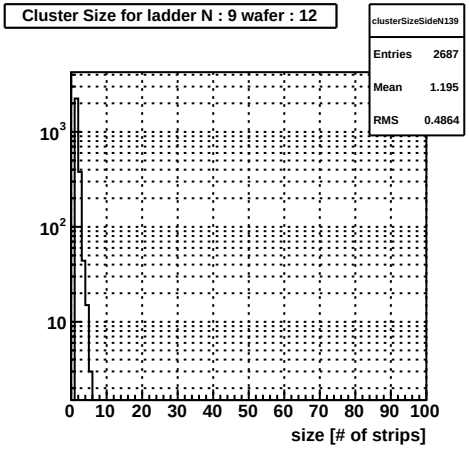

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 1763
Mean 1.866
RMS 1.327
size [# of strips]

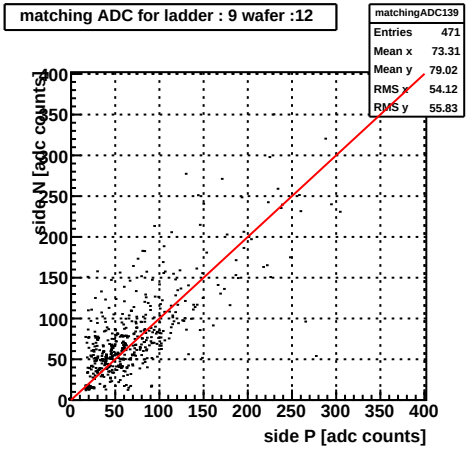

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

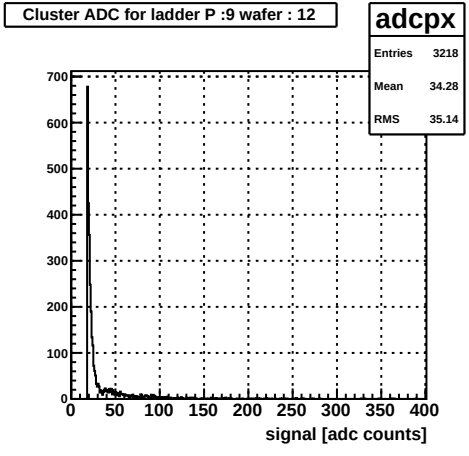

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

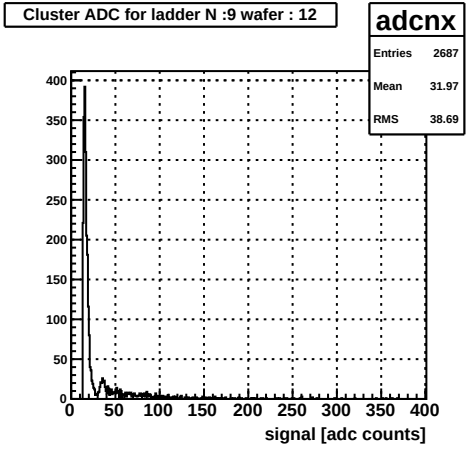

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 1763
Mean 65.59
RMS 57.26
signal [adc counts]

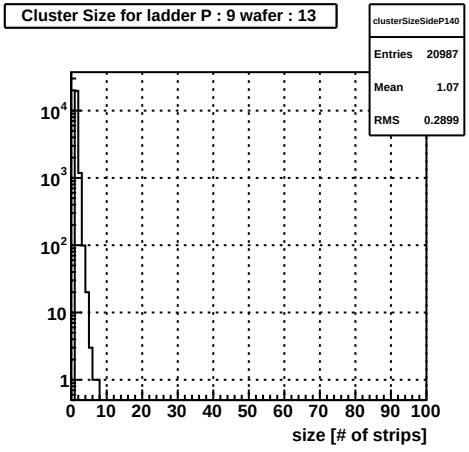

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 3218
Mean 1.144
RMS 0.4222
size [# of strips]

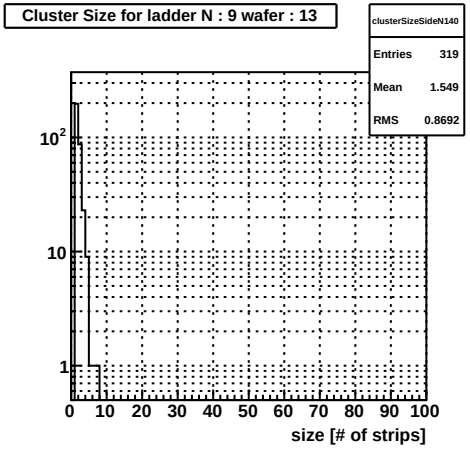

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 2687
Mean 1.195
RMS 0.4864
size [# of strips]

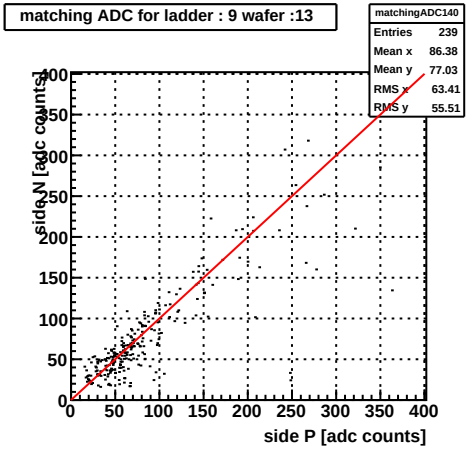

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 471
Mean x 73.31
Mean y 79.02
RMS x 54.12
RMS y 55.83
side N [adc counts]
side P [adc counts]

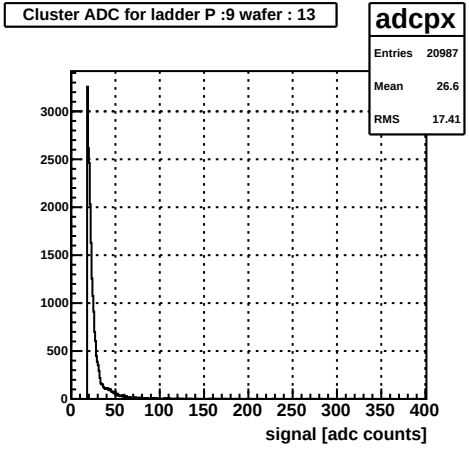

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 3218
Mean 34.28
RMS 35.14
signal [adc counts]

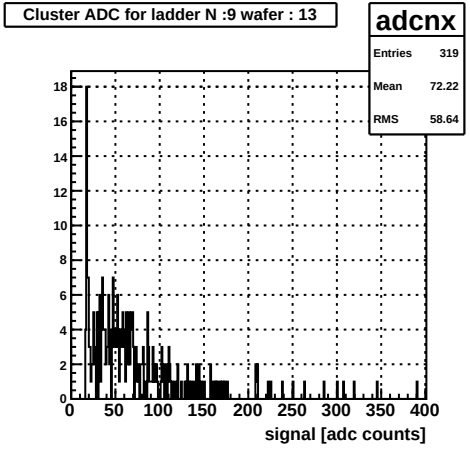

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 2687
Mean 31.97
RMS 38.69
signal [adc counts]

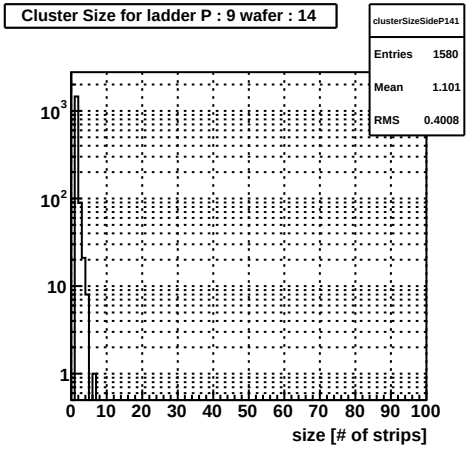

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 20987
Mean 1.07
RMS 0.2899
size [# of strips]

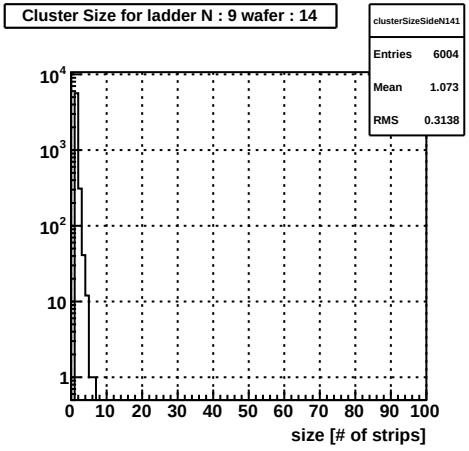

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 319
Mean 1.549
RMS 0.8692
size [# of strips]

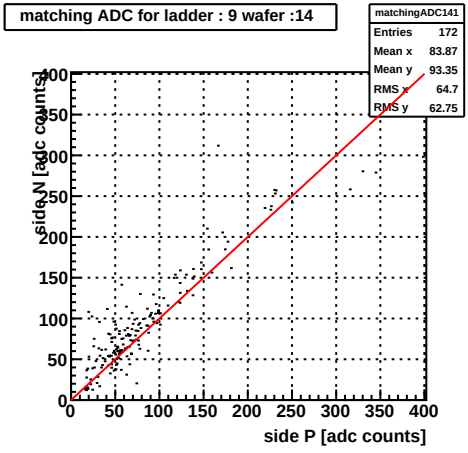

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 239
Mean x 86.38
Mean y 77.03
RMS x 63.41
RMS y 55.51
side N [adc counts]
side P [adc counts]

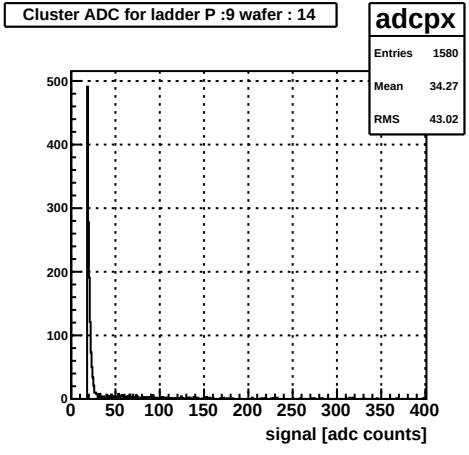

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 20987
Mean 26.6
RMS 17.41
signal [adc counts]

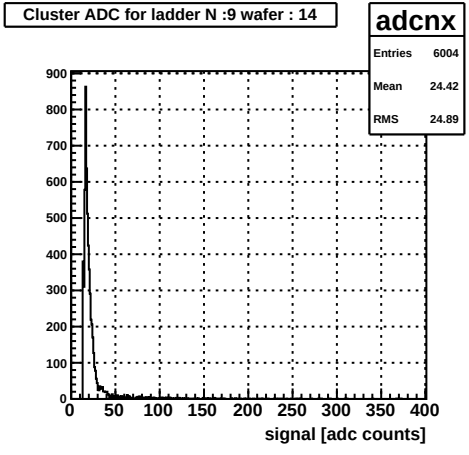

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 319
Mean 72.22
RMS 58.64
signal [adc counts]

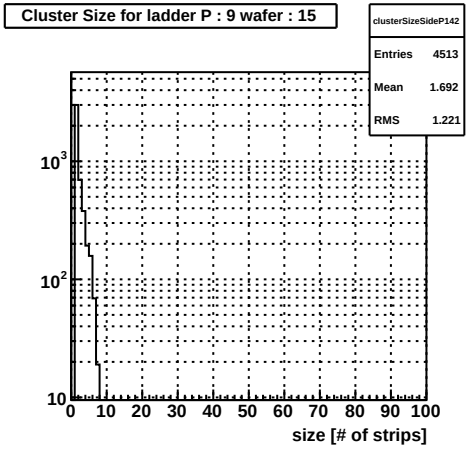

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 1580
Mean 1.101
RMS 0.4008
size [# of strips]

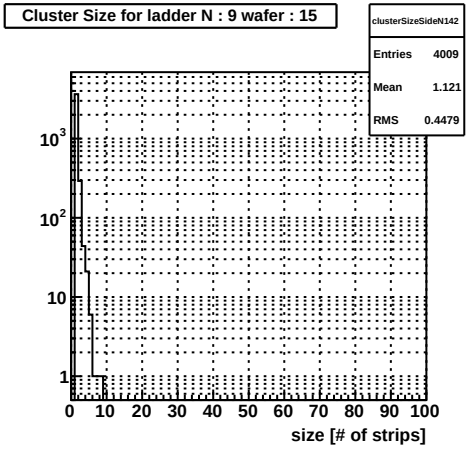

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 6004
Mean 1.073
RMS 0.3138
size [# of strips]

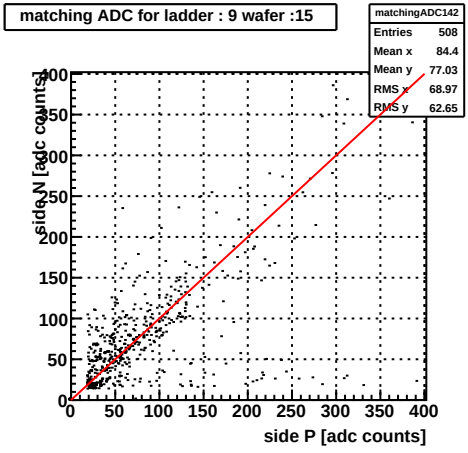

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 172
Mean x 83.87
Mean y 93.35
RMS x 64.7
RMS y 62.75
side N [adc counts]
side P [adc counts]

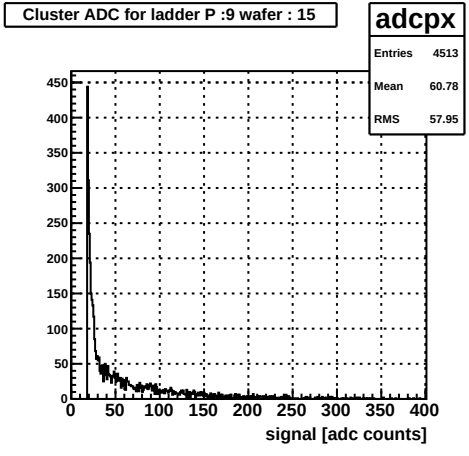

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 1580
Mean 34.27
RMS 43.02
signal [adc counts]

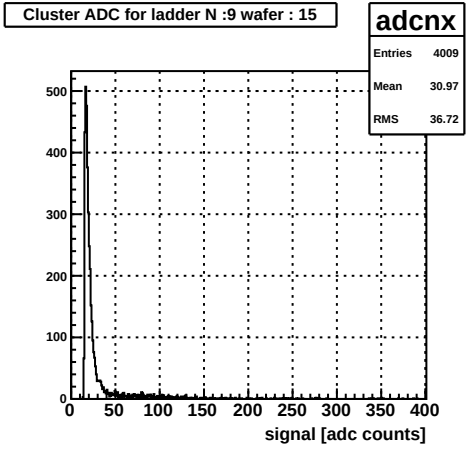

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 6004
Mean 24.42
RMS 24.89
signal [adc counts]

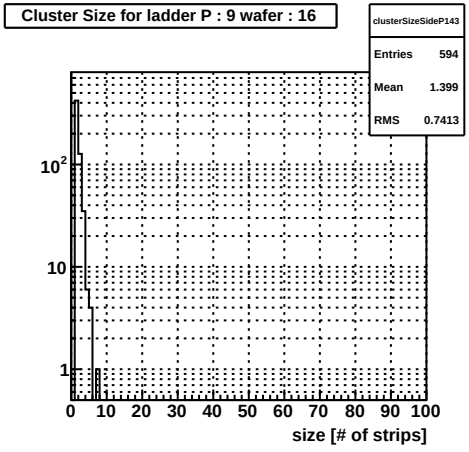

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 4513
Mean 1.692
RMS 1.221
size [# of strips]

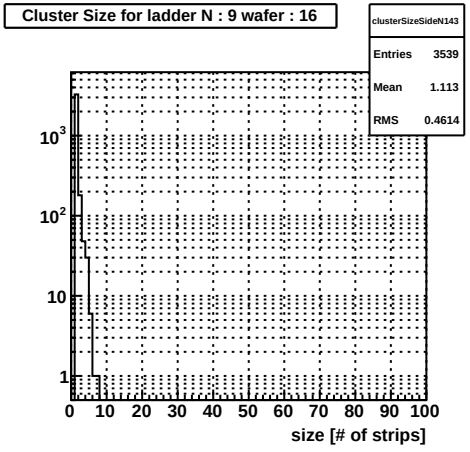

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 4009
Mean 1.121
RMS 0.4479
size [# of strips]

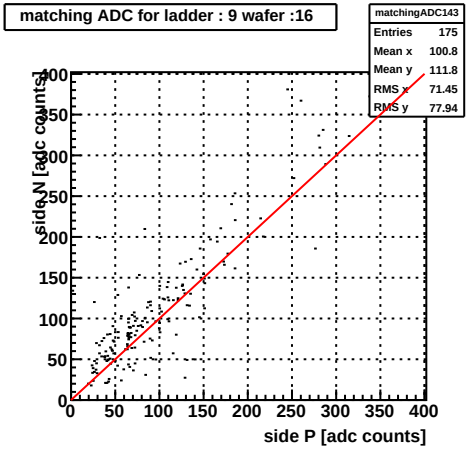

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 508
Mean x 84.4
Mean y 77.03
RMS x 68.97
RMS y 62.65
side N [adc counts]
side P [adc counts]

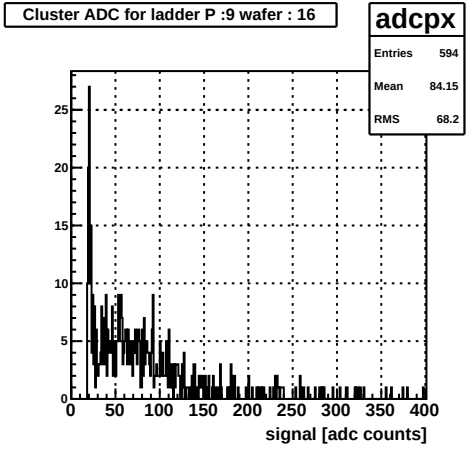

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 4513
Mean 60.78
RMS 57.95
signal [adc counts]

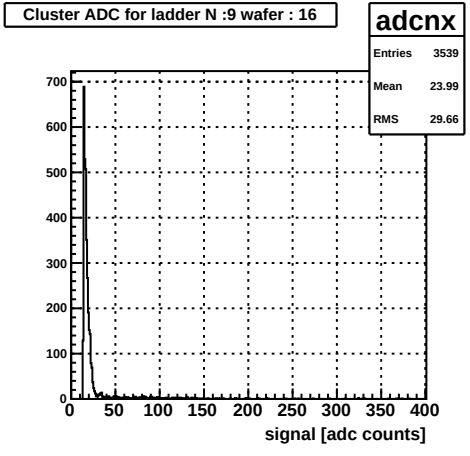

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 4009
Mean 30.97
RMS 36.72
signal [adc counts]

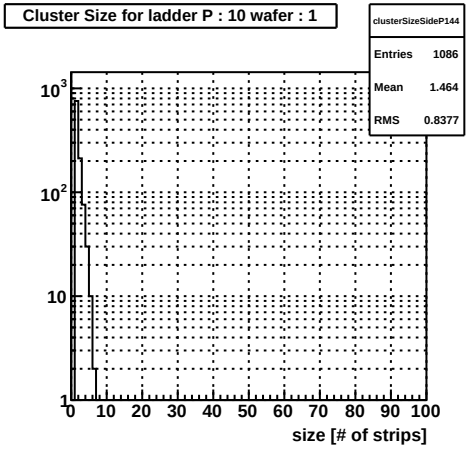

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 594
Mean 1.399
RMS 0.7413
size [# of strips]

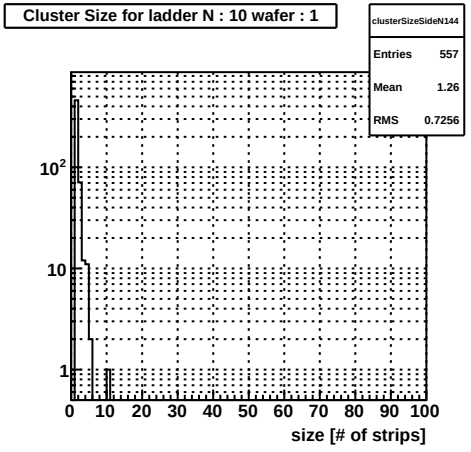

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 3539
Mean 1.113
RMS 0.4614
size [# of strips]

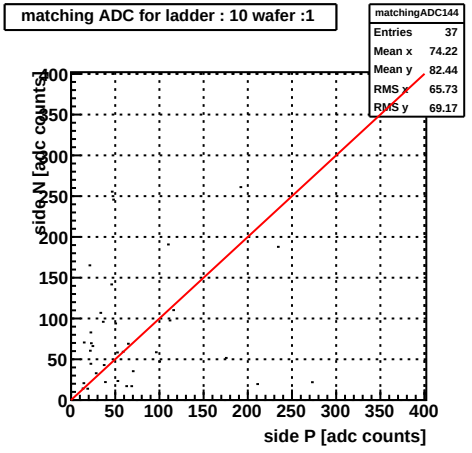

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 175
Mean x 100.8
Mean y 111.8
RMS x 71.45
RMS y 77.94
side N [adc counts]
side P [adc counts]

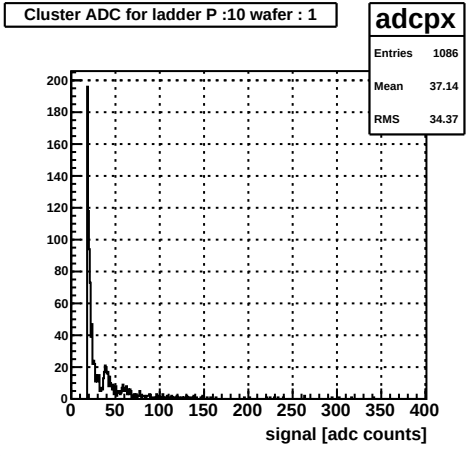

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 594
Mean 84.15
RMS 68.2
signal [adc counts]

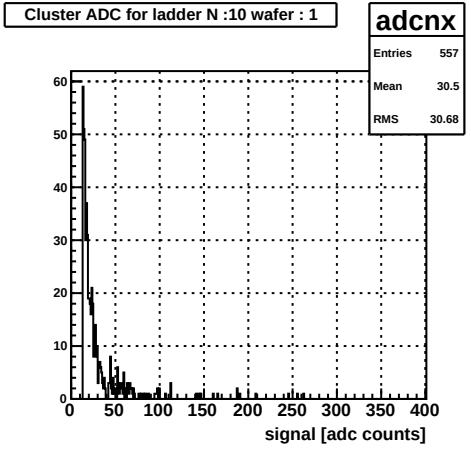

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 3539
Mean 23.99
RMS 29.66
signal [adc counts]

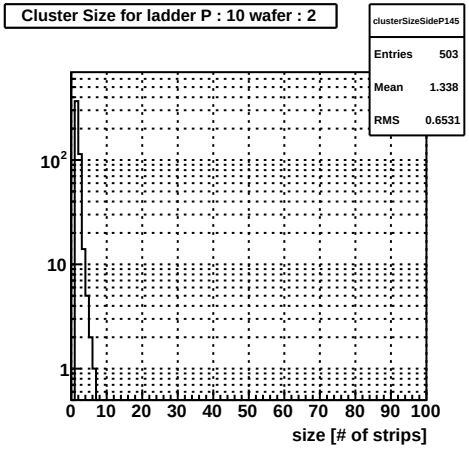

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 1086
Mean 1.464
RMS 0.8377
size [# of strips]

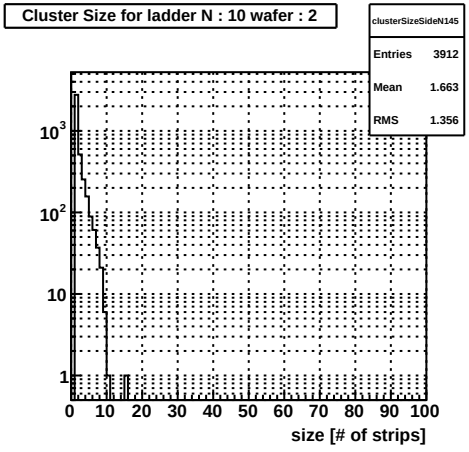

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 557
Mean 1.26
RMS 0.7256
size [# of strips]

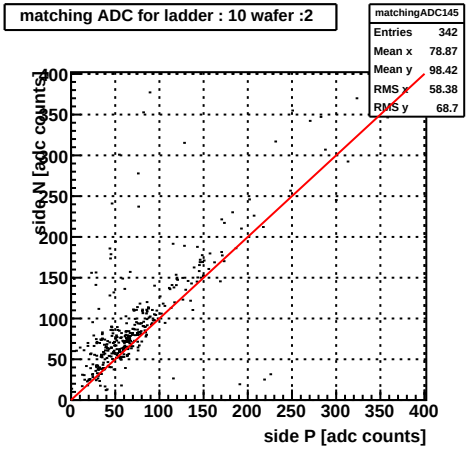

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 37
Mean x 74.22
Mean y 82.44
RMS x 65.73
RMS y 69.17
side N [adc counts]
side P [adc counts]

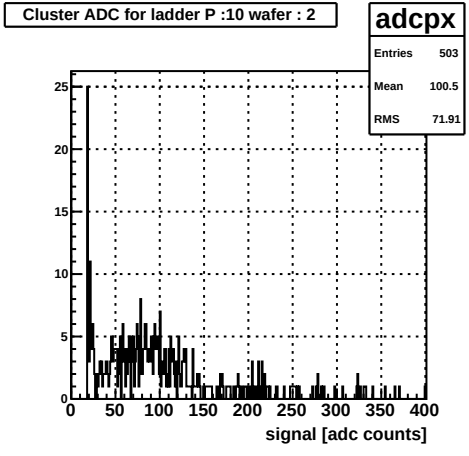

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 1086
Mean 37.14
RMS 34.37
signal [adc counts]

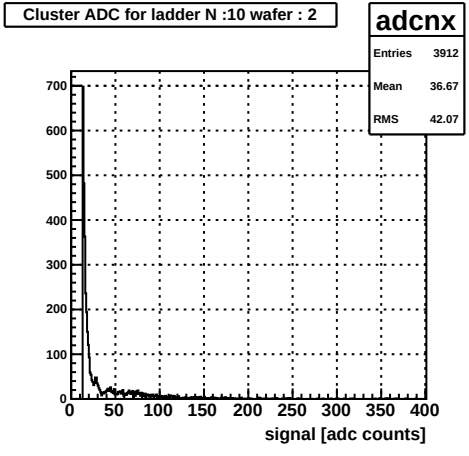

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 557
Mean 30.5
RMS 30.68
signal [adc counts]

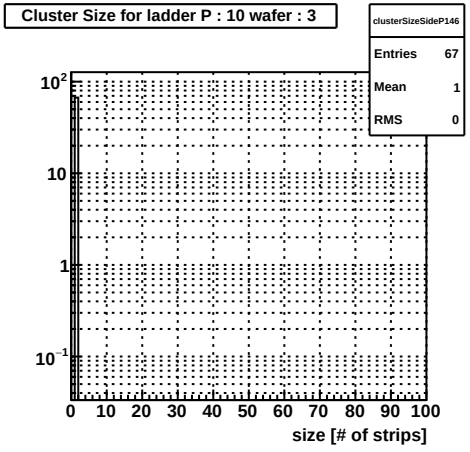

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 503
Mean 1.338
RMS 0.6531
size [# of strips]

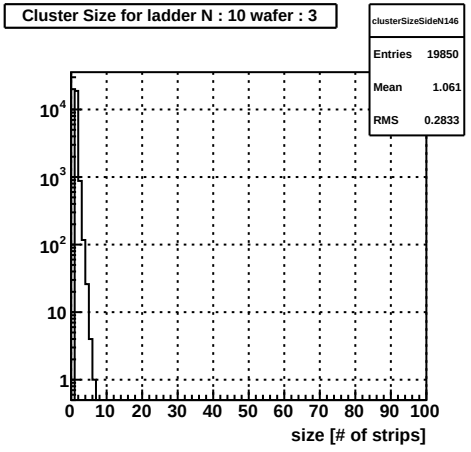

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 3912
Mean 1.663
RMS 1.356
size [# of strips]

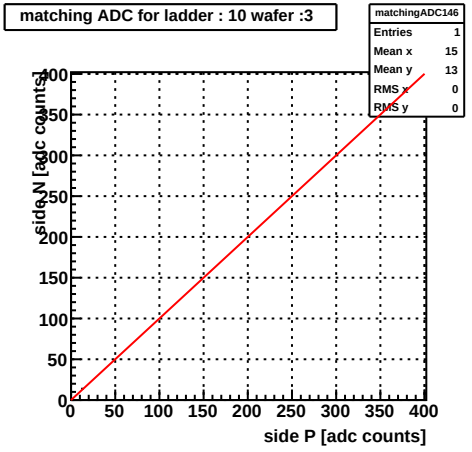

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 342
Mean x 78.87
Mean y 98.42
RMS x 58.38
RMS y 68.7
side N [adc counts]
side P [adc counts]

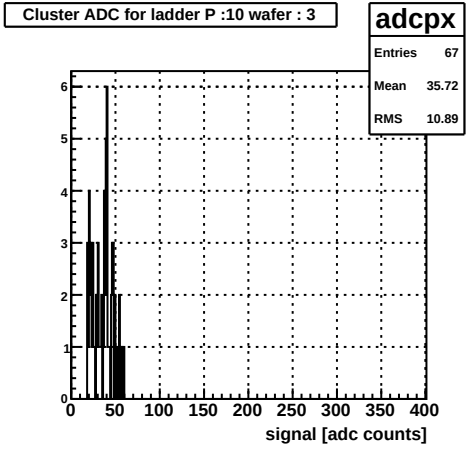

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 503
Mean 100.5
RMS 71.91
signal [adc counts]

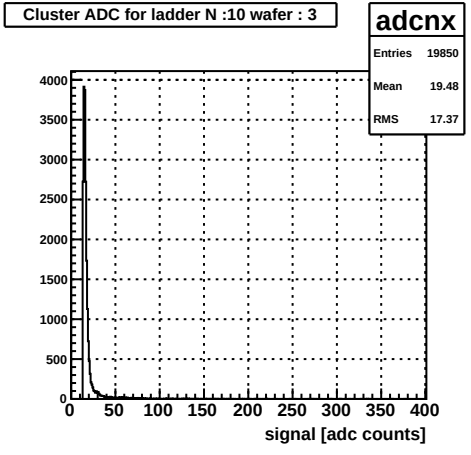

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 3912
Mean 36.67
RMS 42.07
signal [adc counts]

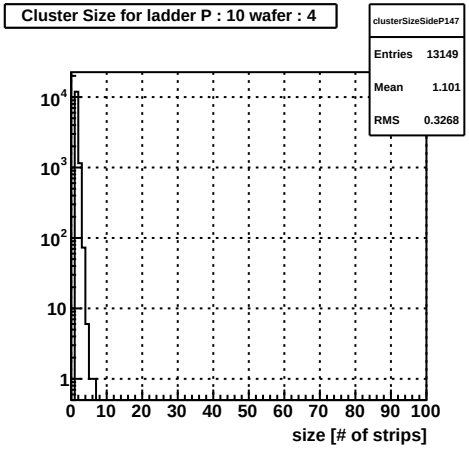

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 67
Mean 1
RMS 0
size [# of strips]

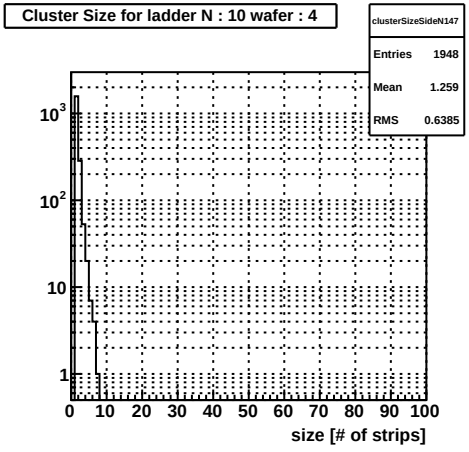

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 19850
Mean 1.061
RMS 0.2833
size [# of strips]

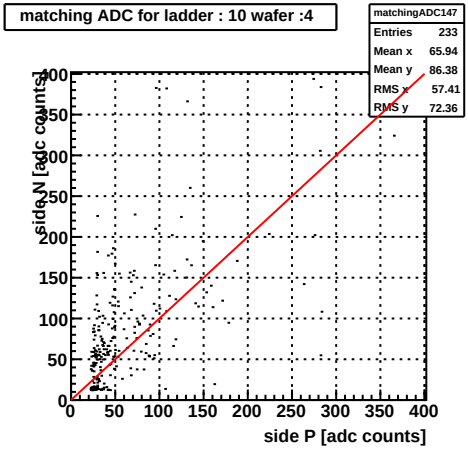

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 1
Mean x 15
Mean y 13
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

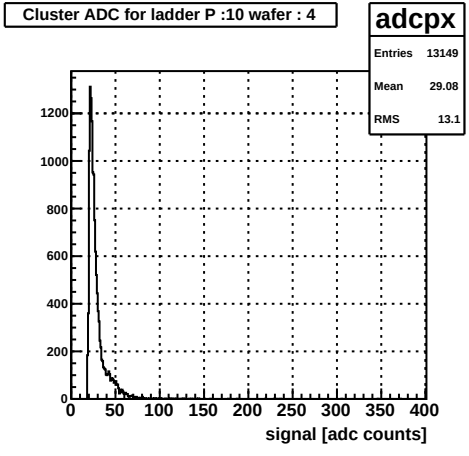

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 67
Mean 35.72
RMS 10.89
signal [adc counts]

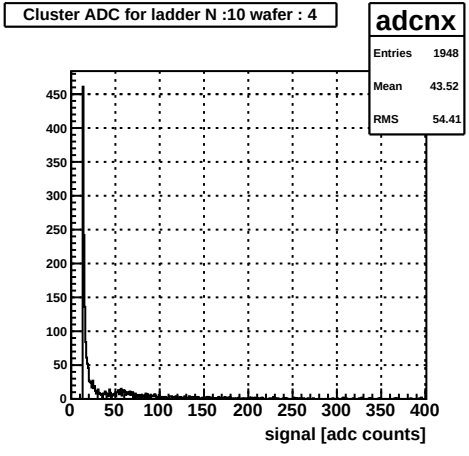

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 19850
Mean 19.48
RMS 17.37
signal [adc counts]

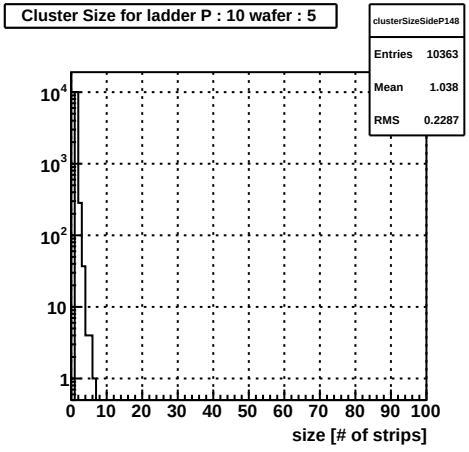

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 13149
Mean 1.101
RMS 0.3268
size [# of strips]

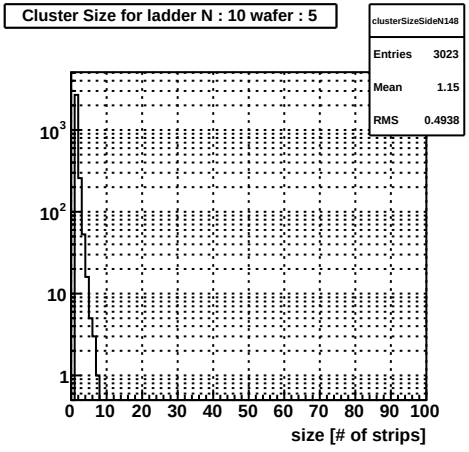

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 1948
Mean 1.259
RMS 0.6385
size [# of strips]

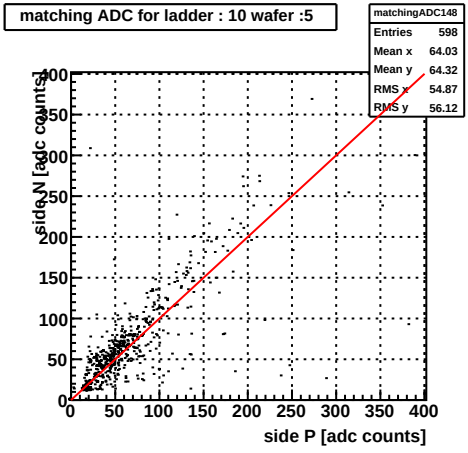

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 233
Mean x 65.94
Mean y 86.38
RMS x 57.41
RMS y 72.36
side N [adc counts]
side P [adc counts]

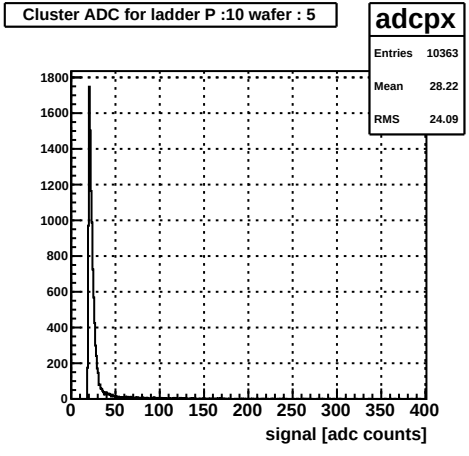

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 13149
Mean 29.08
RMS 13.1
signal [adc counts]

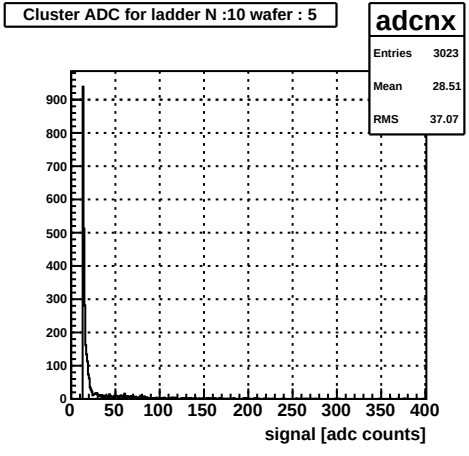

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 1948
Mean 43.52
RMS 54.41
signal [adc counts]

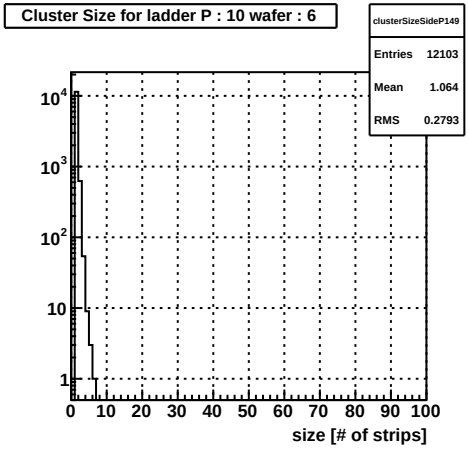

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 10363
Mean 1.038
RMS 0.2287
size [# of strips]

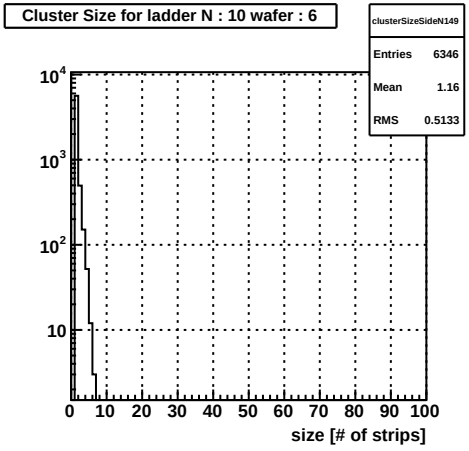

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 3023
Mean 1.15
RMS 0.4938
size [# of strips]

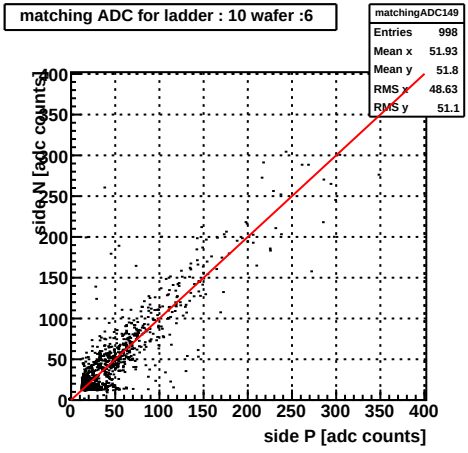

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 598
Mean x 64.03
Mean y 64.32
RMS x 54.87
RMS y 56.12
side N [adc counts]
side P [adc counts]

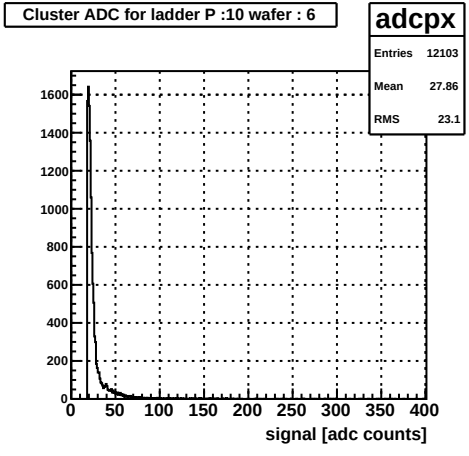

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 10363
Mean 28.22
RMS 24.09
signal [adc counts]

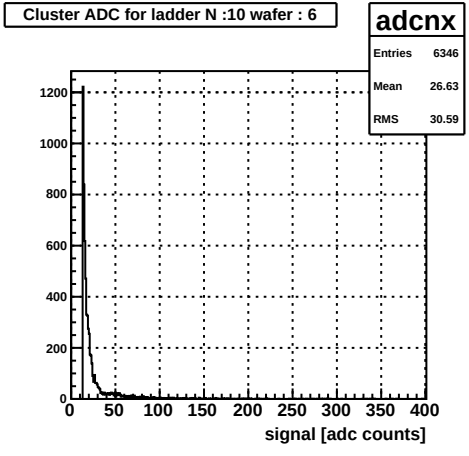

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 3023
Mean 28.51
RMS 37.07
signal [adc counts]

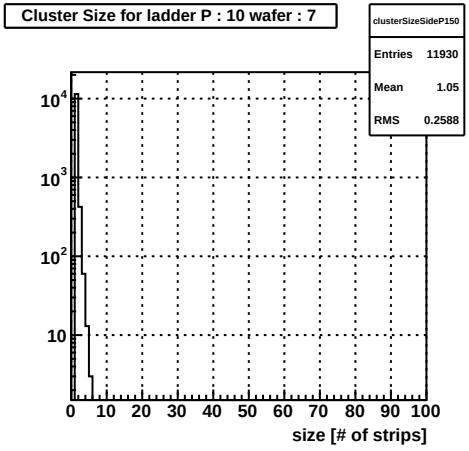

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 12103
Mean 1.064
RMS 0.2793
size [# of strips]

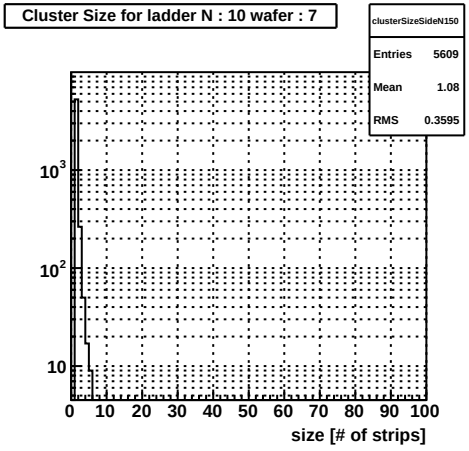

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 6346
Mean 1.16
RMS 0.5133
size [# of strips]

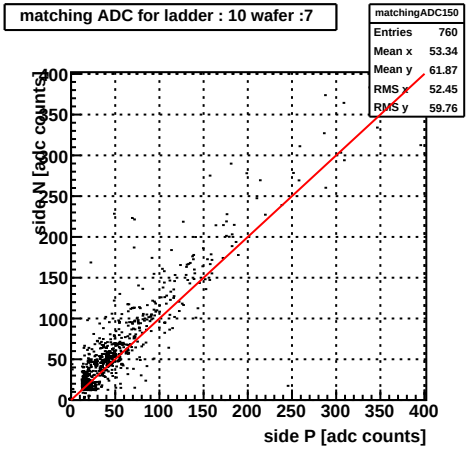

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 998
Mean x 51.93
Mean y 51.8
RMS x 48.63
RMS y 51.1
side N [adc counts]
side P [adc counts]

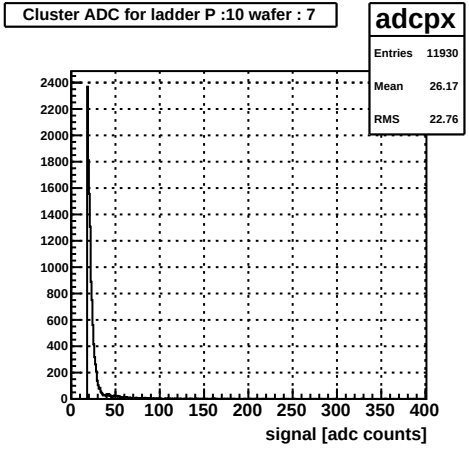

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 12103
Mean 27.86
RMS 23.1
signal [adc counts]

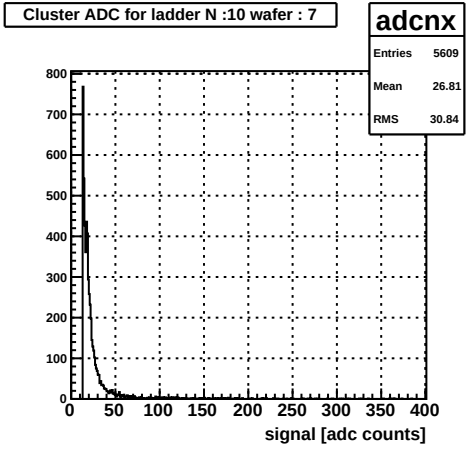

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 6346
Mean 26.63
RMS 30.59
signal [adc counts]

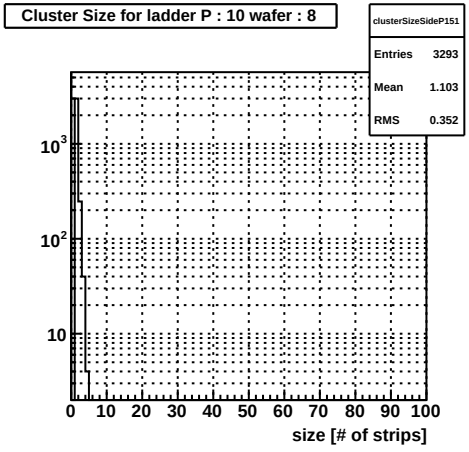

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 11930
Mean 1.05
RMS 0.2588
size [# of strips]

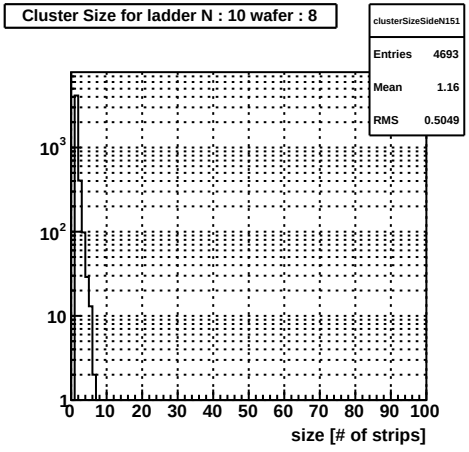

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 5609
Mean 1.08
RMS 0.3595
size [# of strips]

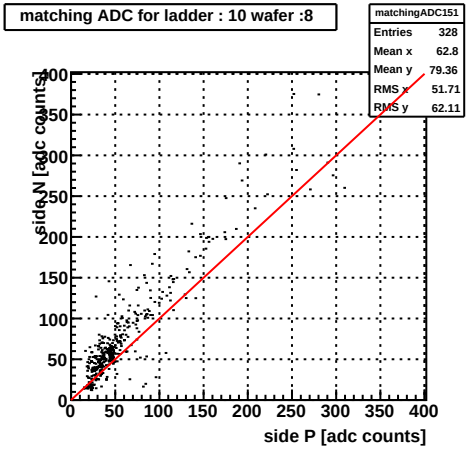

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 760
Mean x 53.34
Mean y 61.87
RMS x 52.45
RMS y 59.76
side N [adc counts]
side P [adc counts]

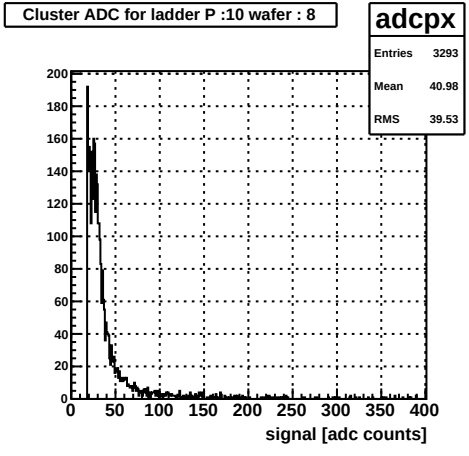

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 11930
Mean 26.17
RMS 22.76
signal [adc counts]

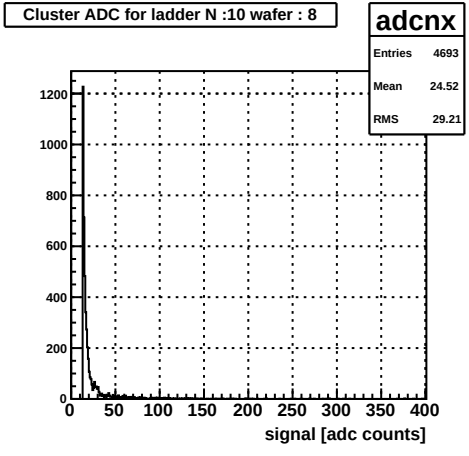

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 5609
Mean 26.81
RMS 30.84
signal [adc counts]

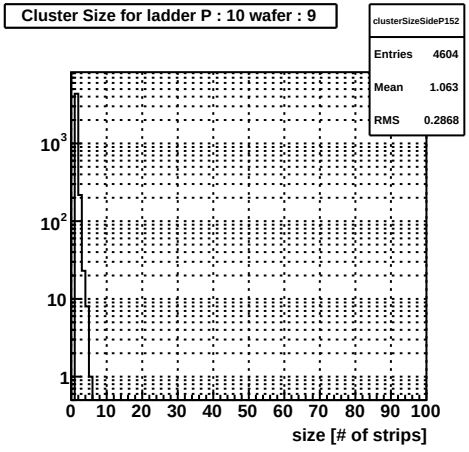

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 3293
Mean 1.103
RMS 0.352
size [# of strips]

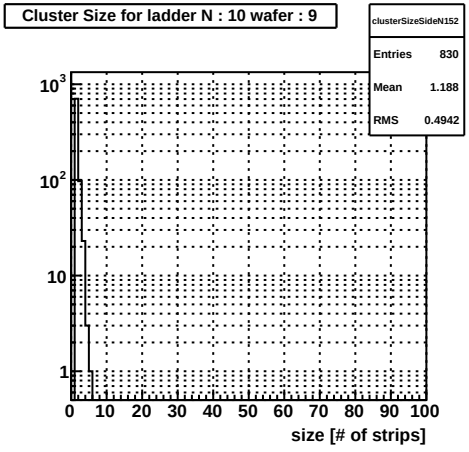

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 4693
Mean 1.16
RMS 0.5049
size [# of strips]

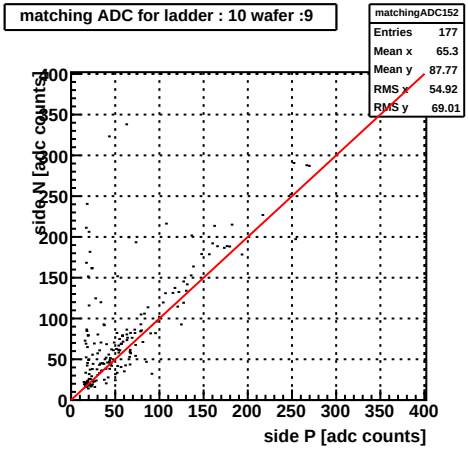

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 328
Mean x 62.8
Mean y 79.36
RMS x 51.71
RMS y 62.11
side N [adc counts]
side P [adc counts]

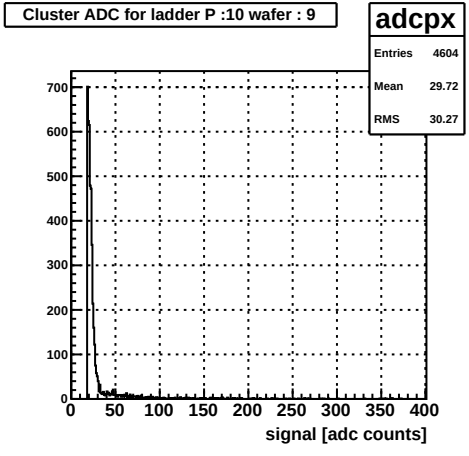

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 3293
Mean 40.98
RMS 39.53
signal [adc counts]

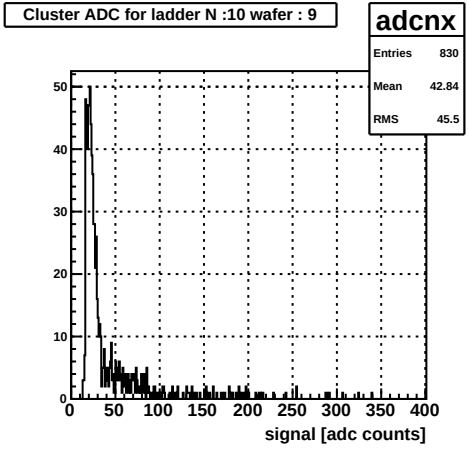

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 4693
Mean 24.52
RMS 29.21
signal [adc counts]

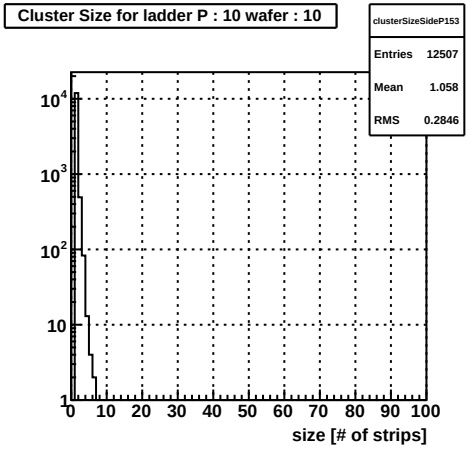

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 4604
Mean 1.063
RMS 0.2868
size [# of strips]

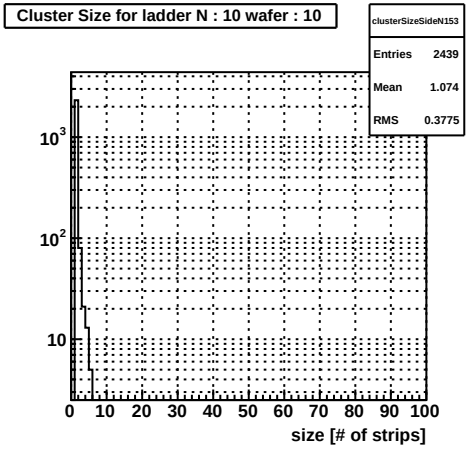

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 830
Mean 1.188
RMS 0.4942
size [# of strips]

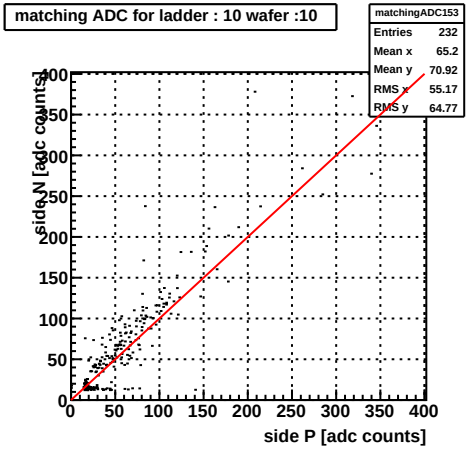

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 177
Mean x 65.3
Mean y 87.77
RMS x 54.92
RMS y 69.01
side N [adc counts]
side P [adc counts]

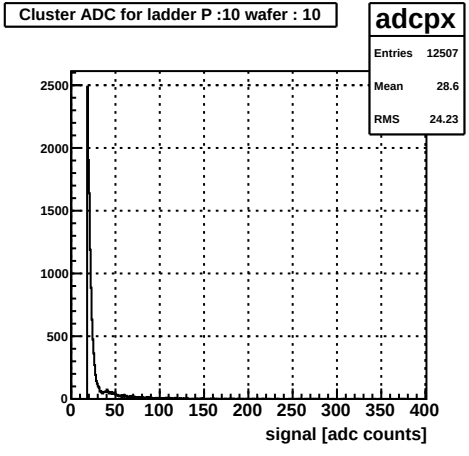

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 4604
Mean 29.72
RMS 30.27
signal [adc counts]

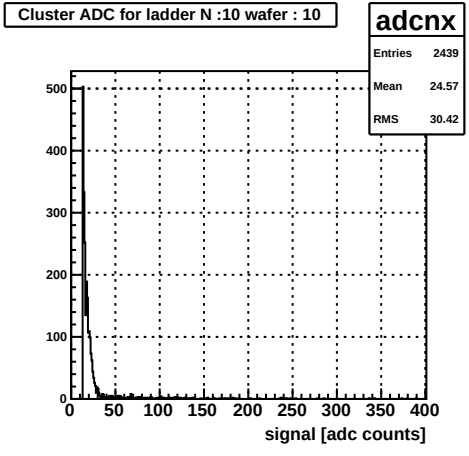

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 830
Mean 42.84
RMS 45.5
signal [adc counts]

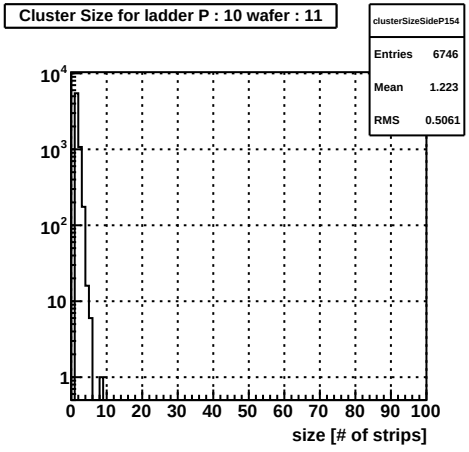

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 12507
Mean 1.058
RMS 0.2846
size [# of strips]

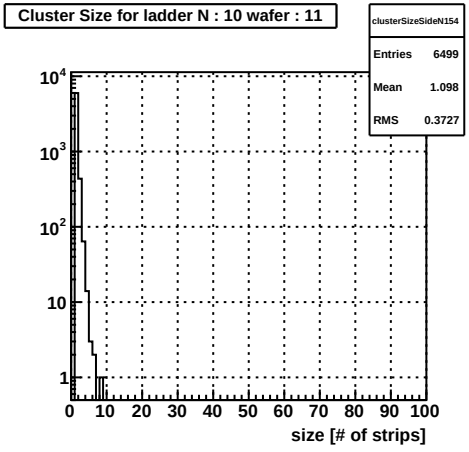

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 2439
Mean 1.074
RMS 0.3775
size [# of strips]

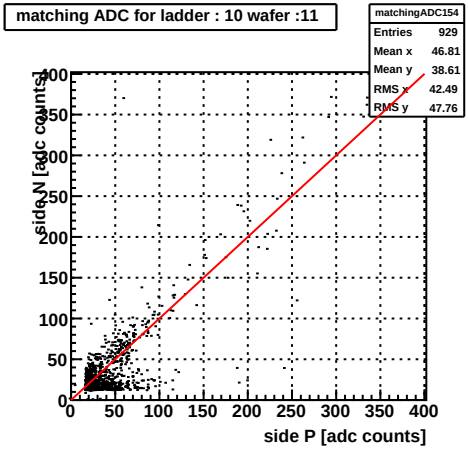

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 232
Mean x 65.2
Mean y 70.92
RMS x 55.17
RMS y 64.77
side N [adc counts]
side P [adc counts]

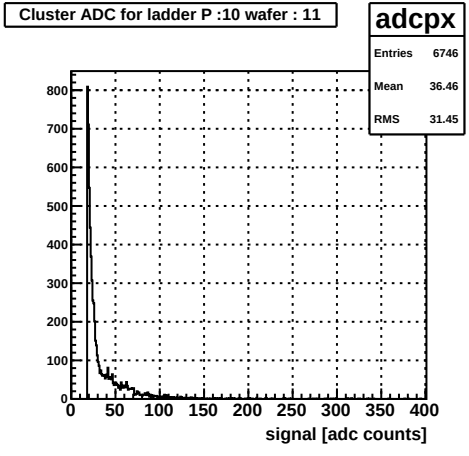

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 12507
Mean 28.6
RMS 24.23
signal [adc counts]

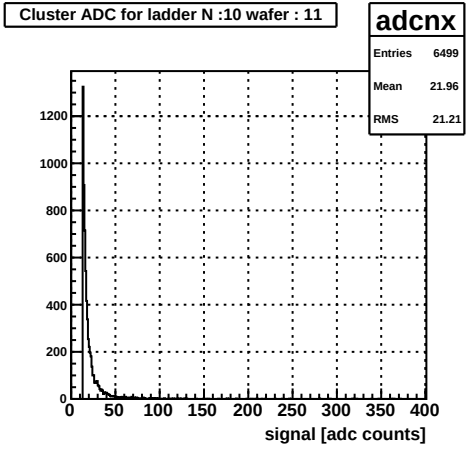

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 2439
Mean 24.57
RMS 30.42
signal [adc counts]

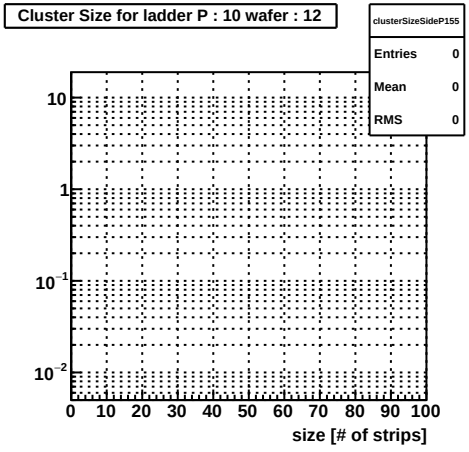

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 6746
Mean 1.223
RMS 0.5061
size [# of strips]

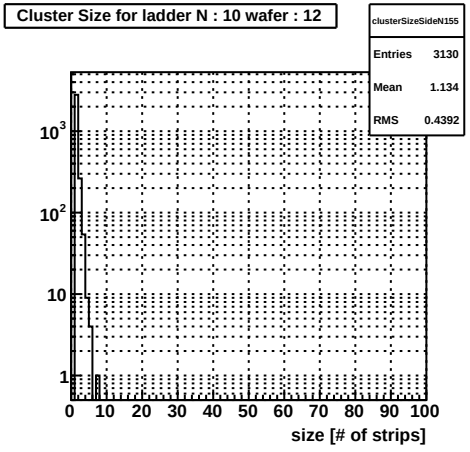

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 6499
Mean 1.098
RMS 0.3727
size [# of strips]

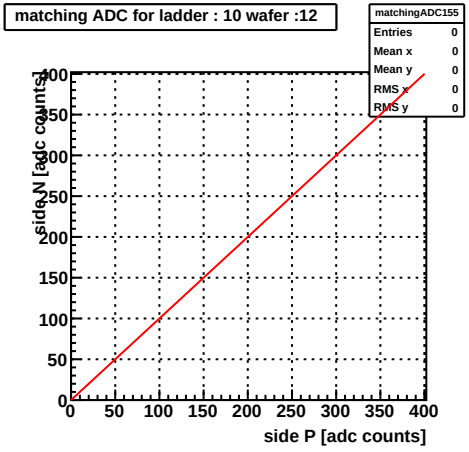

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 929
Mean x 46.81
Mean y 38.61
RMS x 42.49
RMS y 47.76
side N [adc counts]
side P [adc counts]

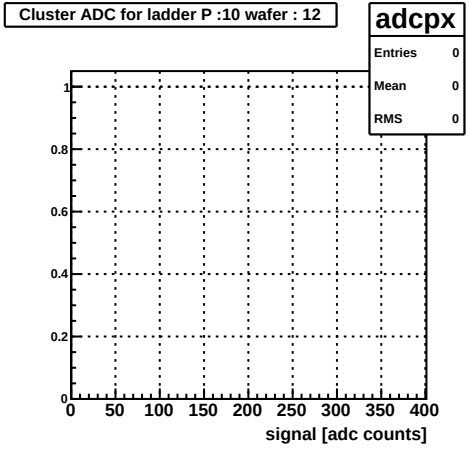

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 6746
Mean 36.46
RMS 31.45
signal [adc counts]

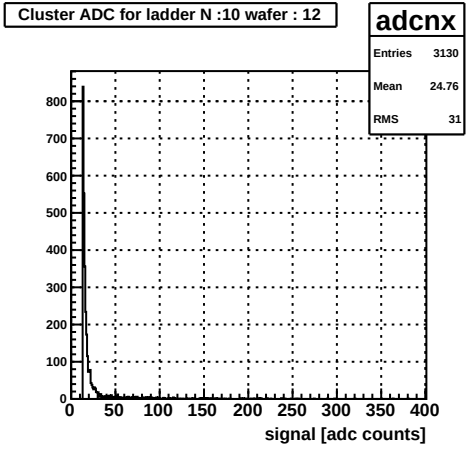

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 6499
Mean 21.96
RMS 21.21
signal [adc counts]

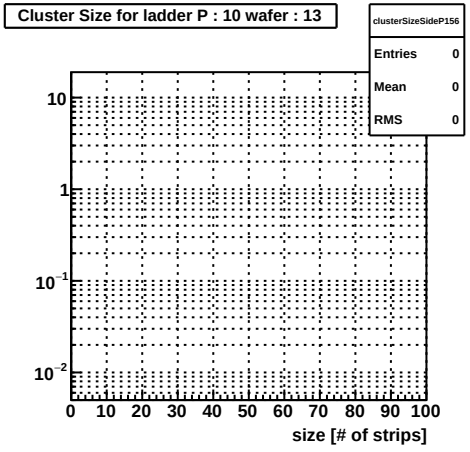

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

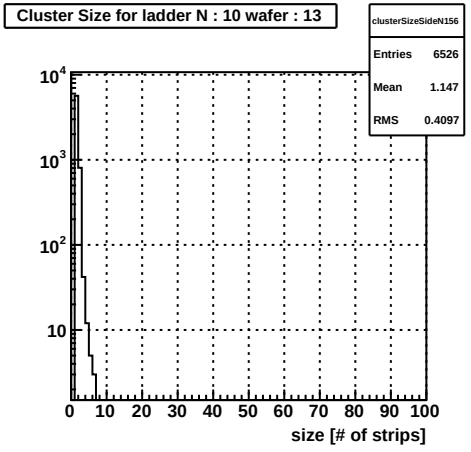

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 3130
Mean 1.134
RMS 0.4392
size [# of strips]

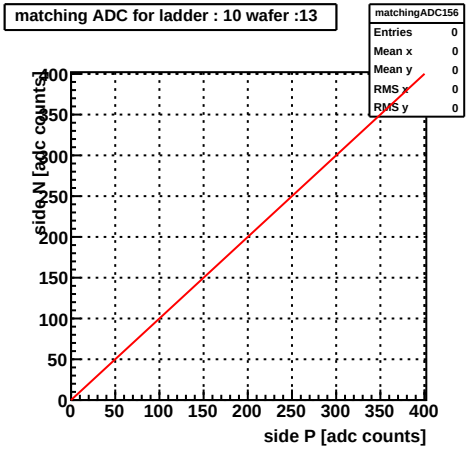

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

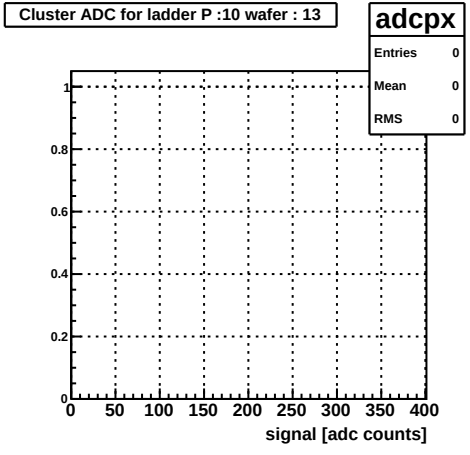

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

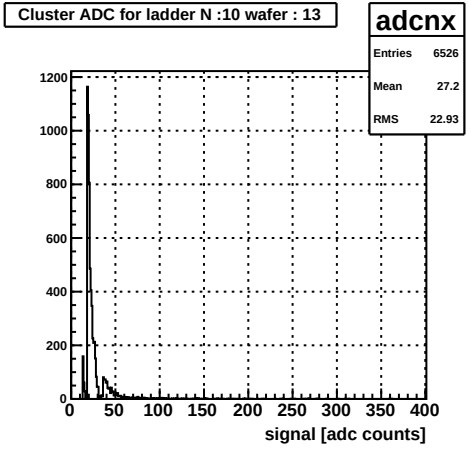

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 3130
Mean 24.76
RMS 31
signal [adc counts]

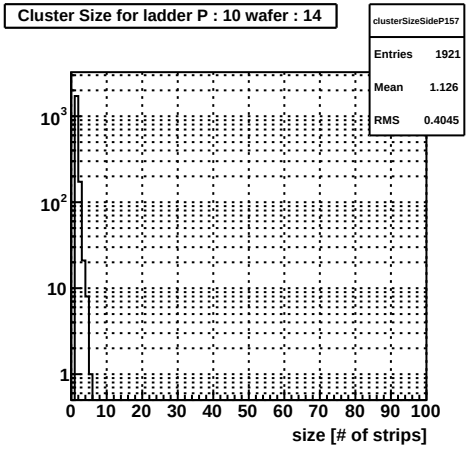

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

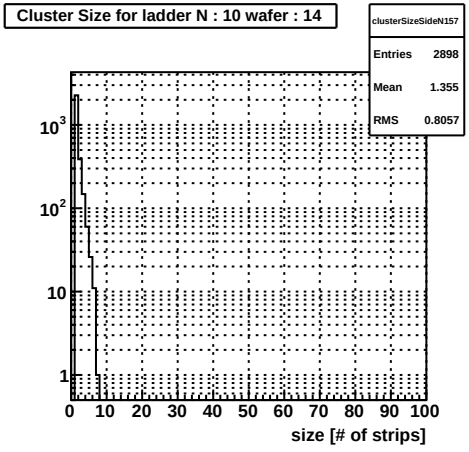

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 6526
Mean 1.147
RMS 0.4097
size [# of strips]

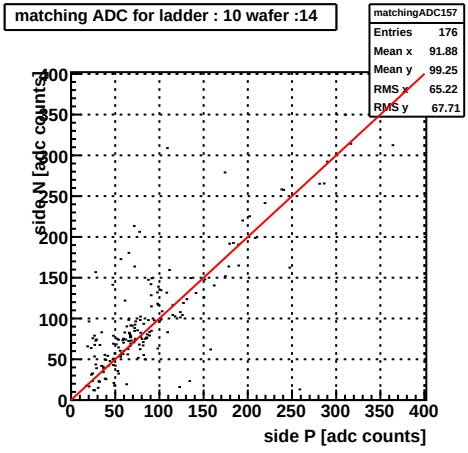

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

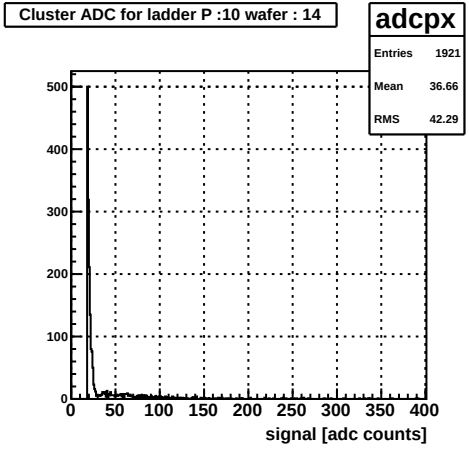

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

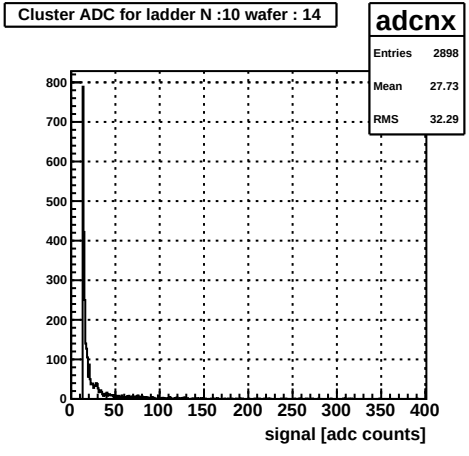

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 6526
Mean 27.2
RMS 22.93
signal [adc counts]

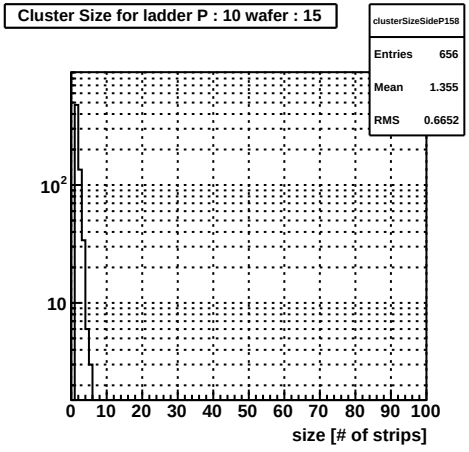

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 1921
Mean 1.126
RMS 0.4045
size [# of strips]

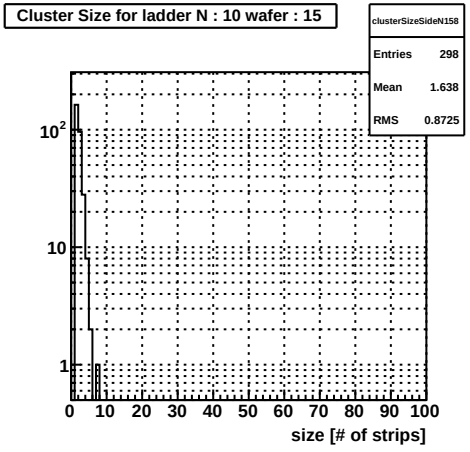

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2898
Mean 1.355
RMS 0.8057
size [# of strips]

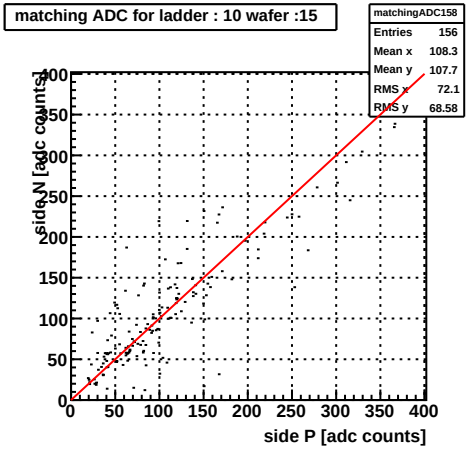

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 176
Mean x 91.88
Mean y 99.25
RMS x 65.22
RMS y 67.71
side N [adc counts]
side P [adc counts]

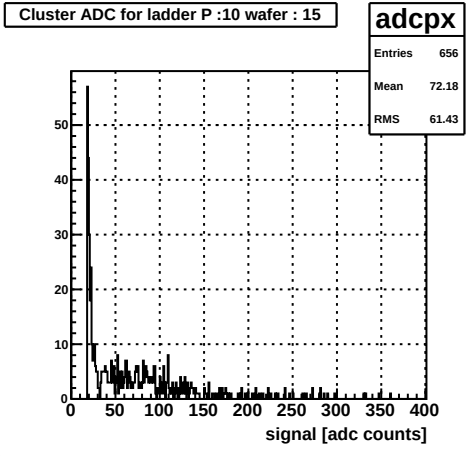

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 1921
Mean 36.66
RMS 42.29
signal [adc counts]

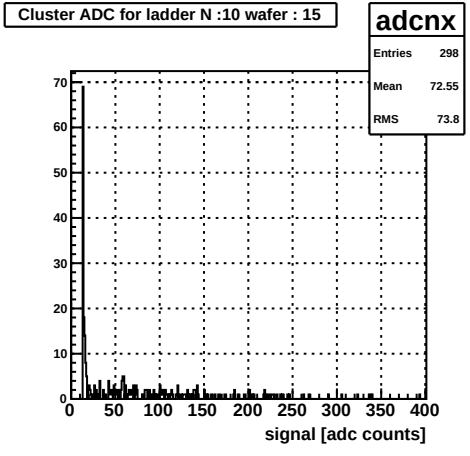

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2898
Mean 27.73
RMS 32.29
signal [adc counts]

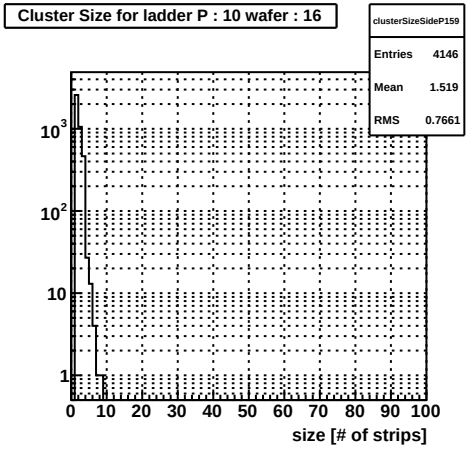

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 656
Mean 1.355
RMS 0.6652
size [# of strips]

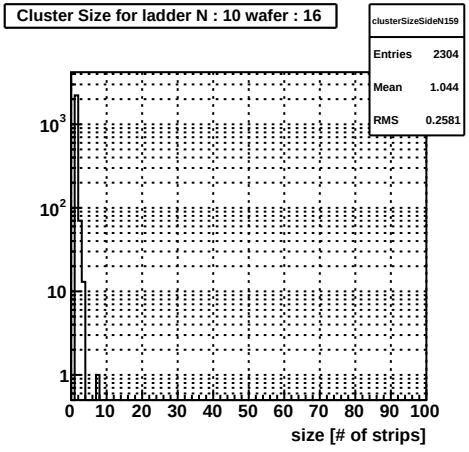

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 298
Mean 1.638
RMS 0.8725
size [# of strips]

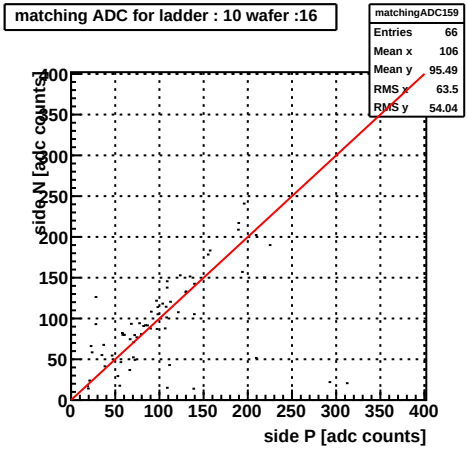

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 156
Mean x 108.3
Mean y 107.7
RMS x 72.1
RMS y 68.58
side N [adc counts]
side P [adc counts]

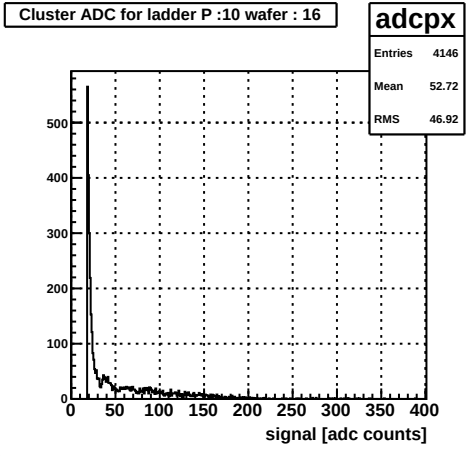

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 656
Mean 72.18
RMS 61.43
signal [adc counts]

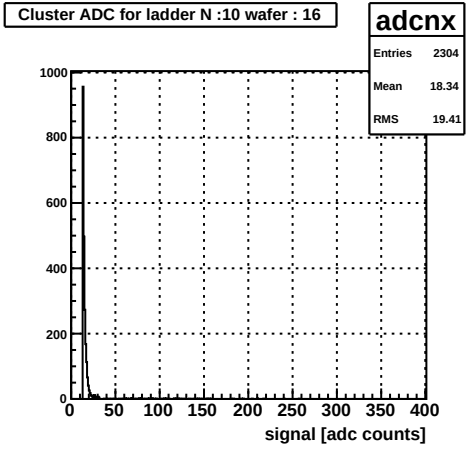

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 298
Mean 72.55
RMS 73.8
signal [adc counts]

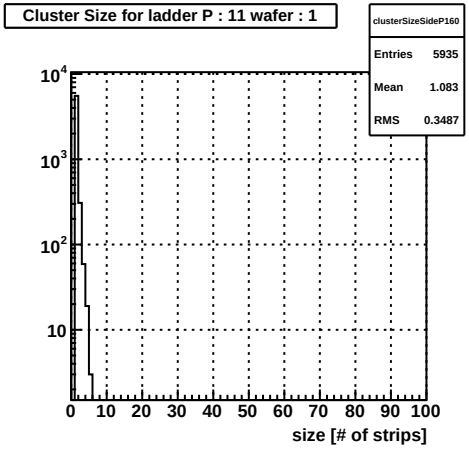

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 4146
Mean 1.519
RMS 0.7661
size [# of strips]

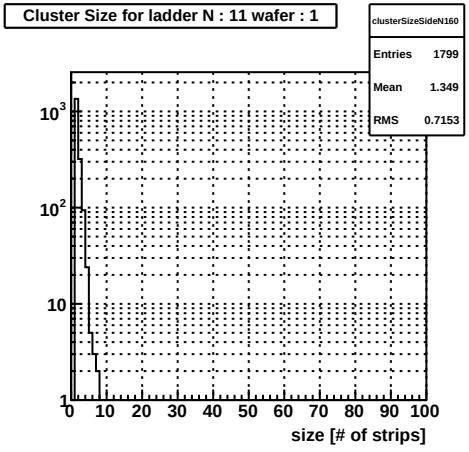

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 2304
Mean 1.044
RMS 0.2581
size [# of strips]

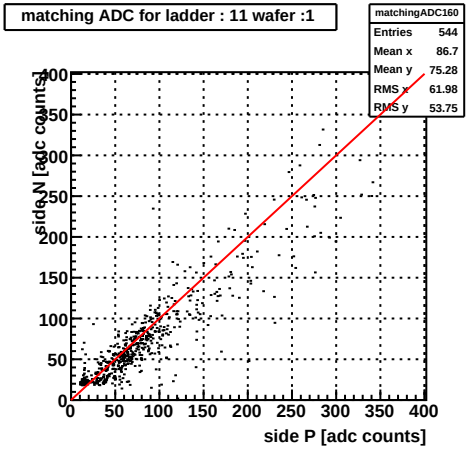

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 66
Mean x 106
Mean y 95.49
RMS x 63.5
RMS y 54.04
side N [adc counts]
side P [adc counts]

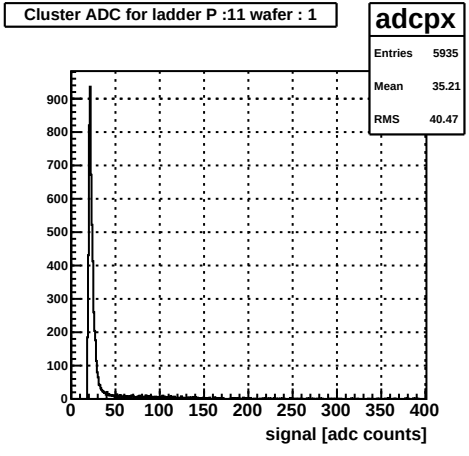

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 4146
Mean 52.72
RMS 46.92
signal [adc counts]

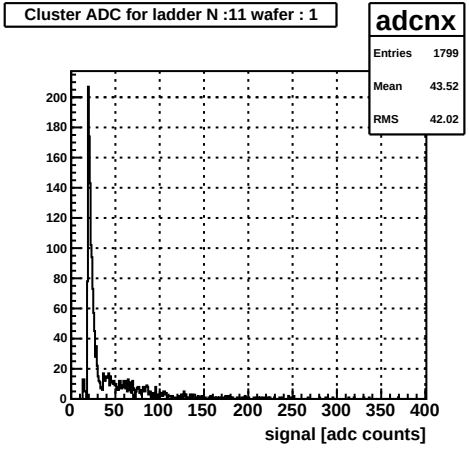

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 2304
Mean 18.34
RMS 19.41
signal [adc counts]

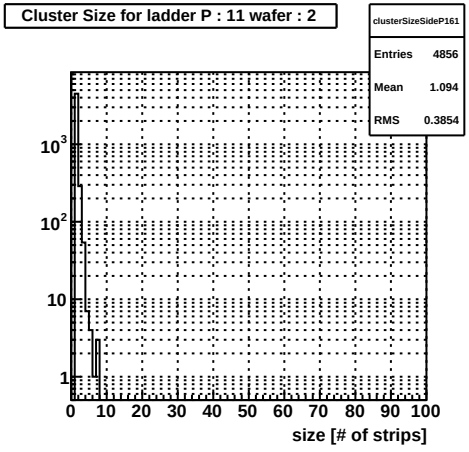

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 5935
Mean 1.083
RMS 0.3487
size [# of strips]

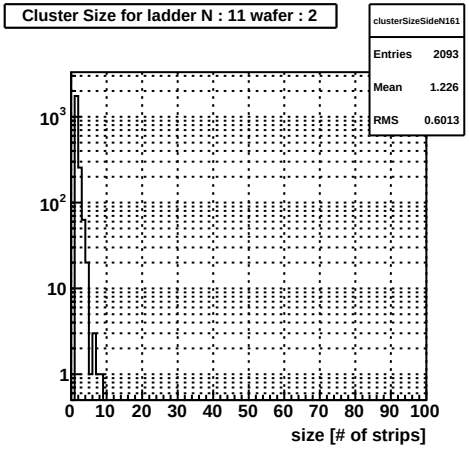

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1799
Mean 1.349
RMS 0.7153
size [# of strips]

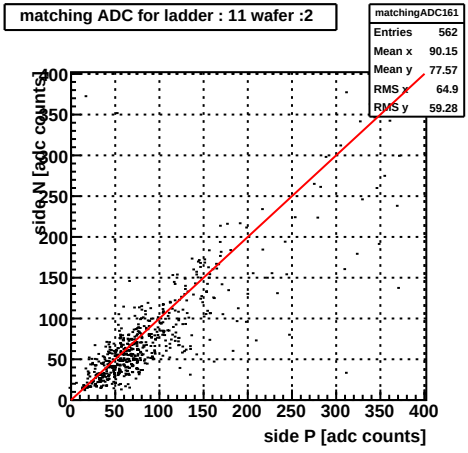

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 544
Mean x 86.7
Mean y 75.28
RMS x 61.98
RMS y 53.75
side N [adc counts]
side P [adc counts]

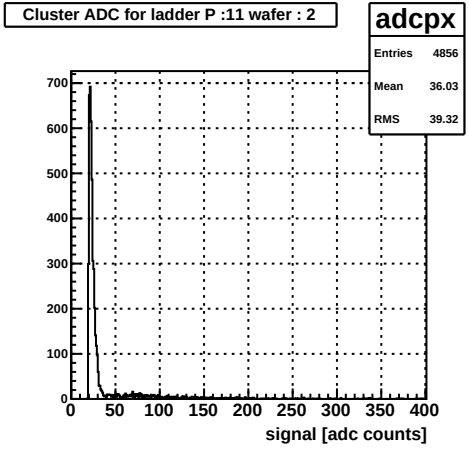

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 5935
Mean 35.21
RMS 40.47
signal [adc counts]

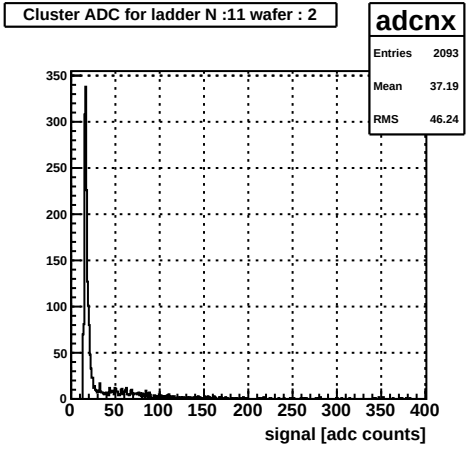

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1799
Mean 43.52
RMS 42.02
signal [adc counts]

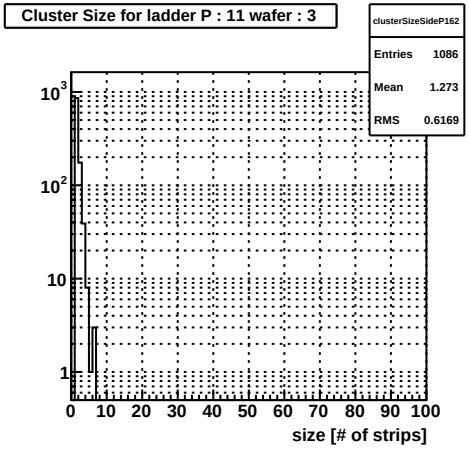

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 4856
Mean 1.094
RMS 0.3854
size [# of strips]

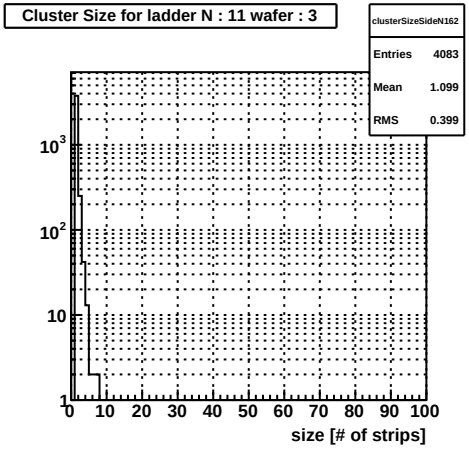

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 2093
Mean 1.226
RMS 0.6013
size [# of strips]

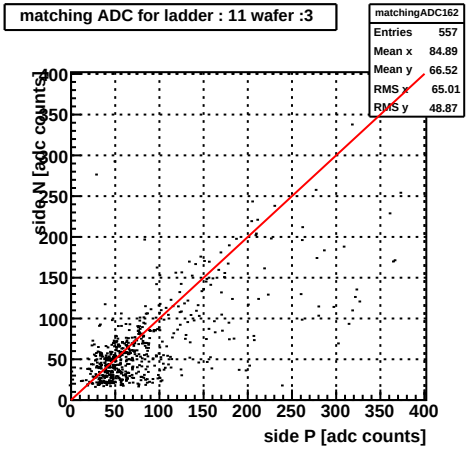

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 562
Mean x 90.15
Mean y 77.57
RMS x 64.9
RMS y 59.28
side N [adc counts]
side P [adc counts]

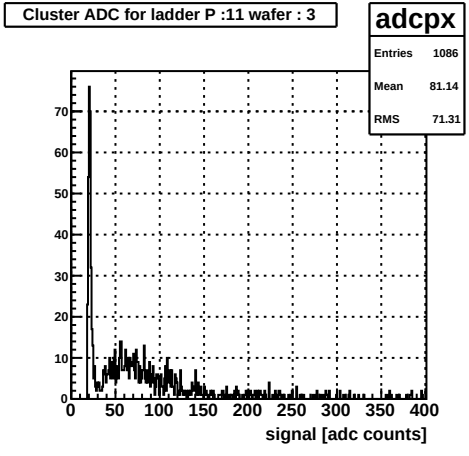

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 4856
Mean 36.03
RMS 39.32
signal [adc counts]

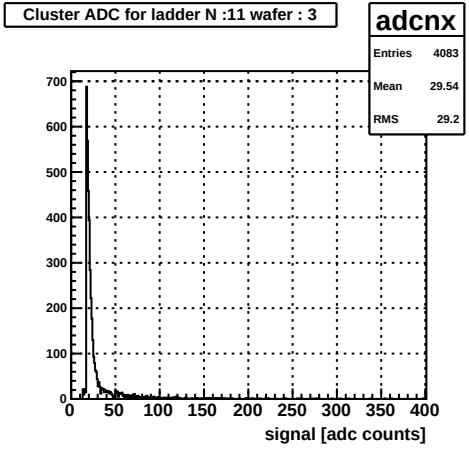

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 2093
Mean 37.19
RMS 46.24
signal [adc counts]

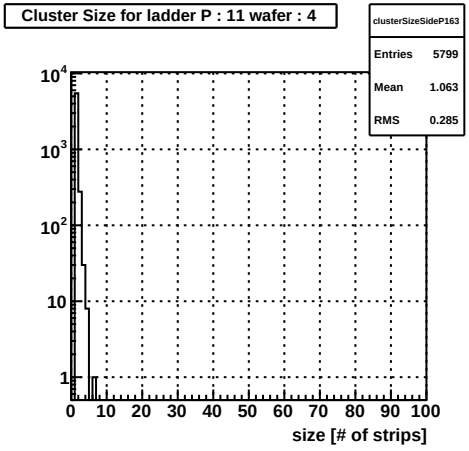

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 1086
Mean 1.273
RMS 0.6169
size [# of strips]

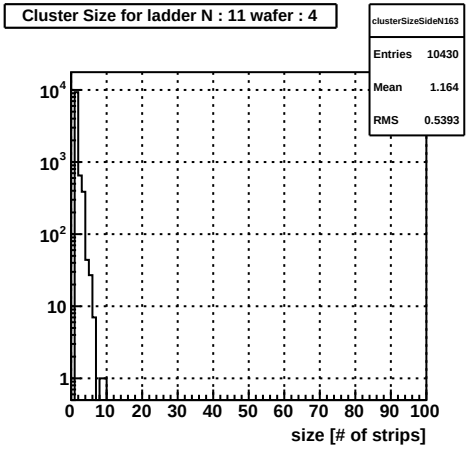

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 4083
Mean 1.099
RMS 0.399
size [# of strips]

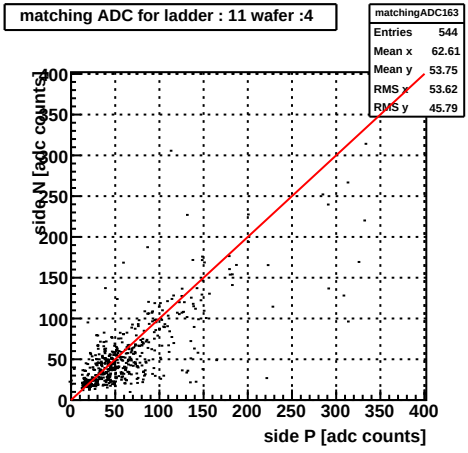

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 557
Mean x 84.89
Mean y 66.52
RMS x 65.01
RMS y 48.87
side N [adc counts]
side P [adc counts]

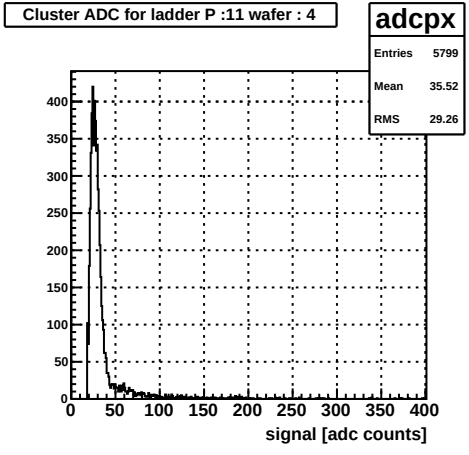

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 1086
Mean 81.14
RMS 71.31
signal [adc counts]

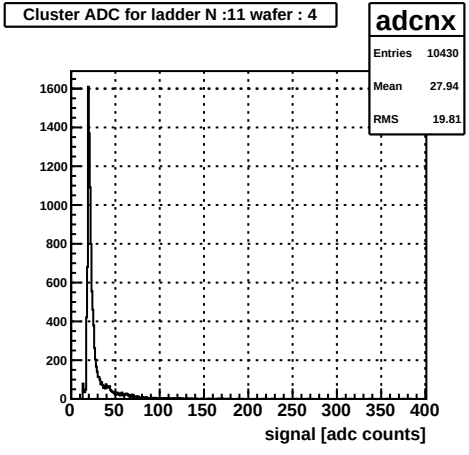

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 4083
Mean 29.54
RMS 29.2
signal [adc counts]

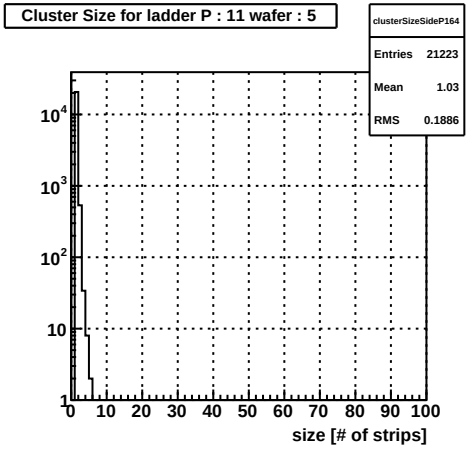

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 5799
Mean 1.063
RMS 0.285
size [# of strips]

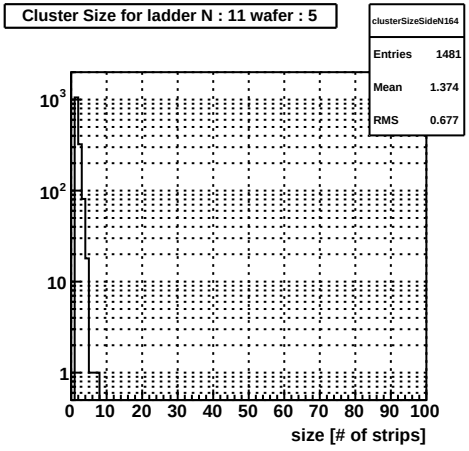

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 10430
Mean 1.164
RMS 0.5393
size [# of strips]

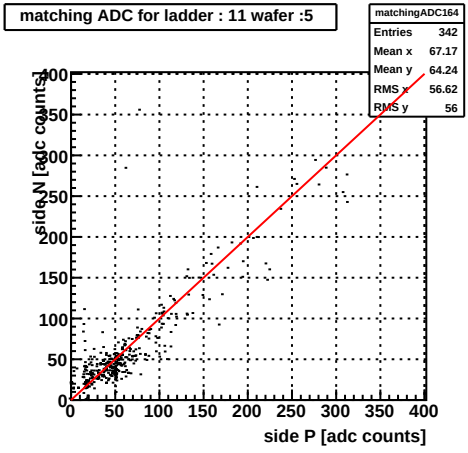

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 544
Mean x 62.61
Mean y 53.75
RMS x 53.62
RMS y 45.79
side N [adc counts]
side P [adc counts]

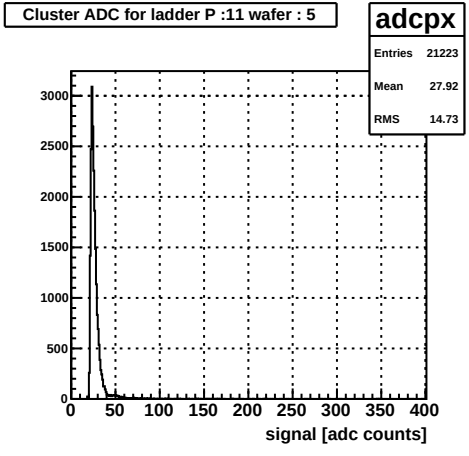

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 5799
Mean 35.52
RMS 29.26
signal [adc counts]

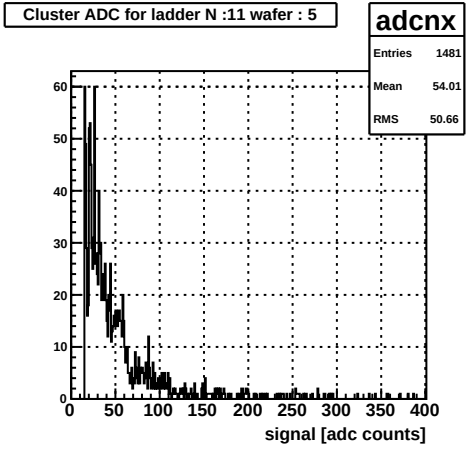

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 10430
Mean 27.94
RMS 19.81
signal [adc counts]

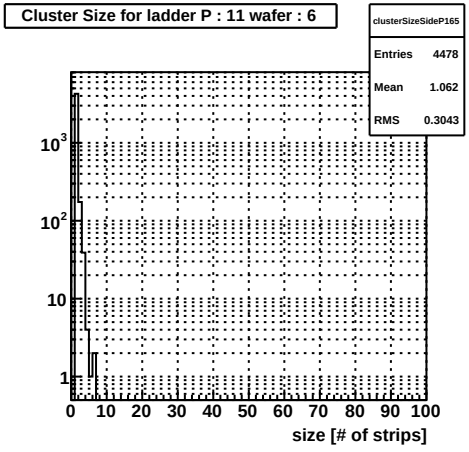

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 21223
Mean 1.03
RMS 0.1886
size [# of strips]

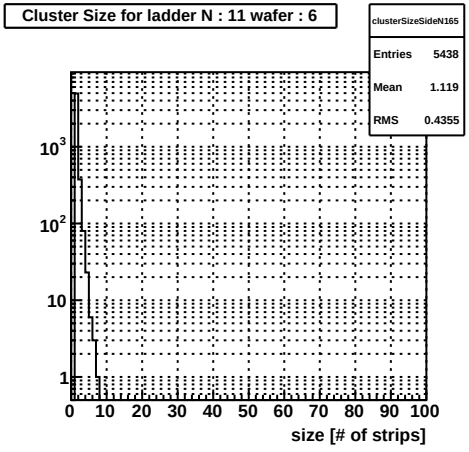

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1481
Mean 1.374
RMS 0.677
size [# of strips]

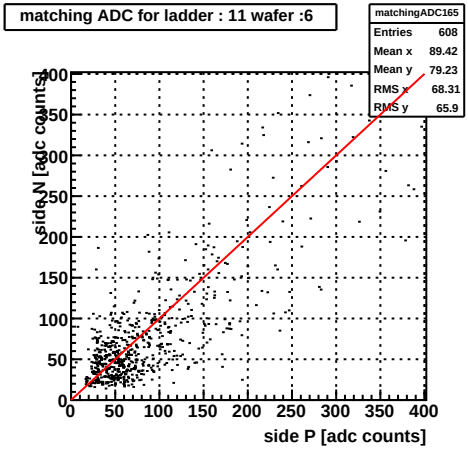

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 342
Mean x 67.17
Mean y 64.24
RMS x 56.62
RMS y 56
side N [adc counts]
side P [adc counts]

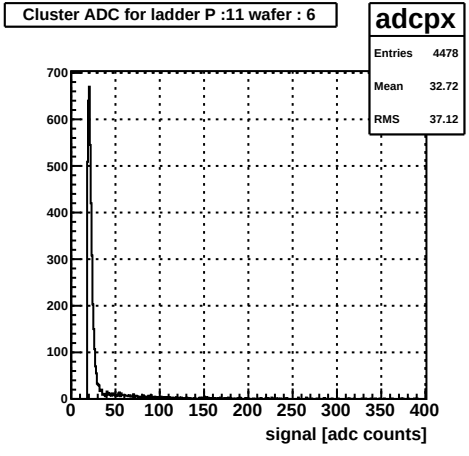

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 21223
Mean 27.92
RMS 14.73
signal [adc counts]

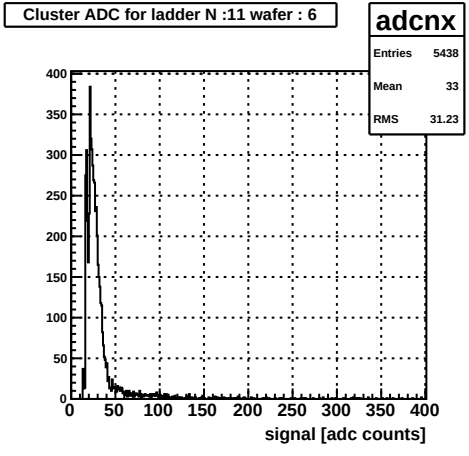

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1481
Mean 54.01
RMS 50.66
signal [adc counts]

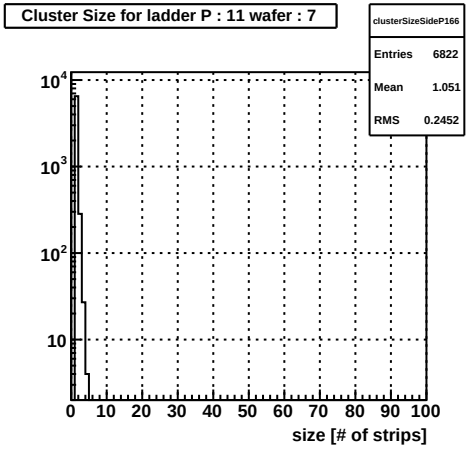

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 4478
Mean 1.062
RMS 0.3043
size [# of strips]

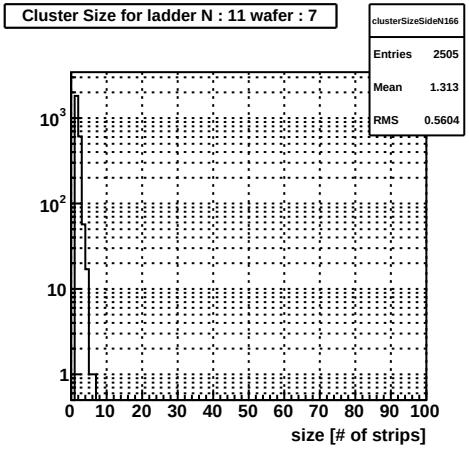

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 5438
Mean 1.119
RMS 0.4355
size [# of strips]

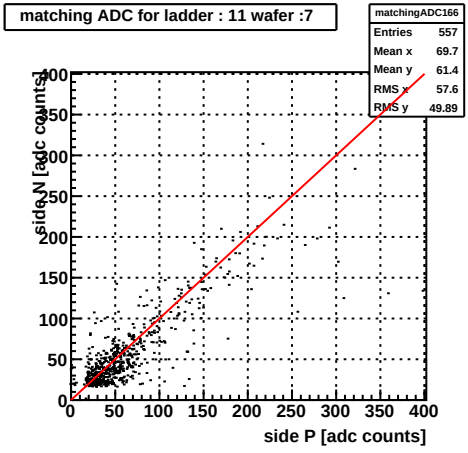

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 608
Mean x 89.42
Mean y 79.23
RMS x 68.31
RMS y 65.9
side N [adc counts]
side P [adc counts]

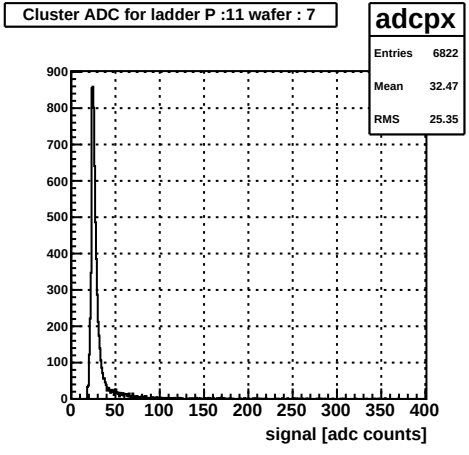

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 4478
Mean 32.72
RMS 37.12
signal [adc counts]

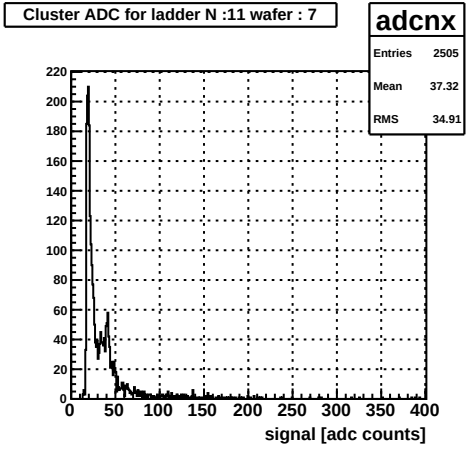

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 5438
Mean 33
RMS 31.23
signal [adc counts]

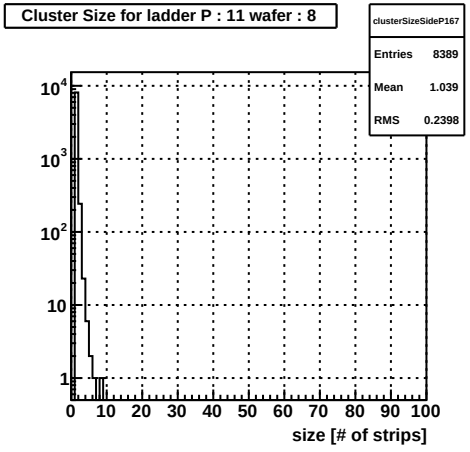

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 6822
Mean 1.051
RMS 0.2452
size [# of strips]

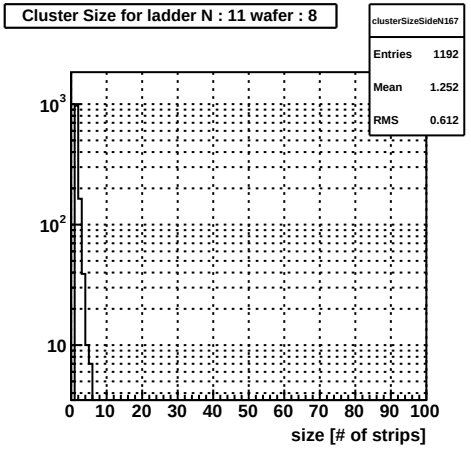

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 2505
Mean 1.313
RMS 0.5604
size [# of strips]

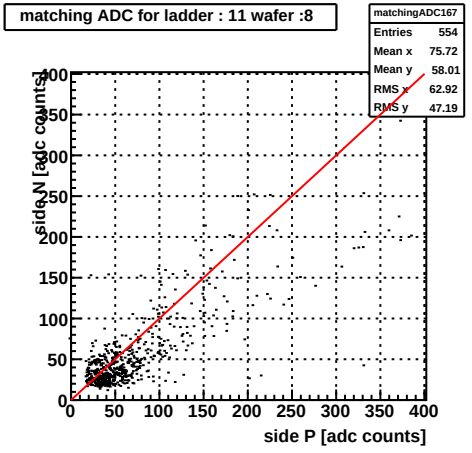

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 557
Mean x 69.7
Mean y 61.4
RMS x 57.6
RMS y 49.89
side N [adc counts]
side P [adc counts]

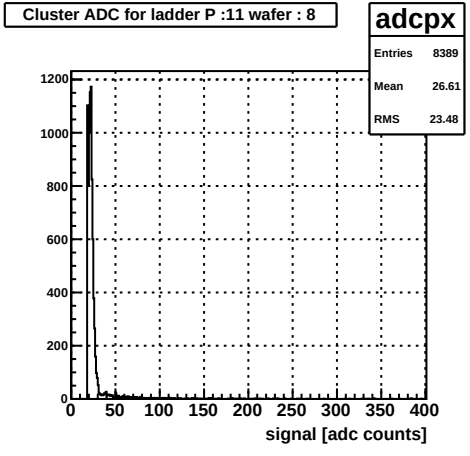

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 6822
Mean 32.47
RMS 25.35
signal [adc counts]

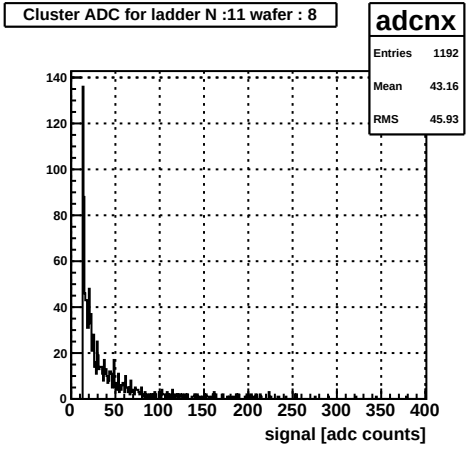

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 2505
Mean 37.32
RMS 34.91
signal [adc counts]

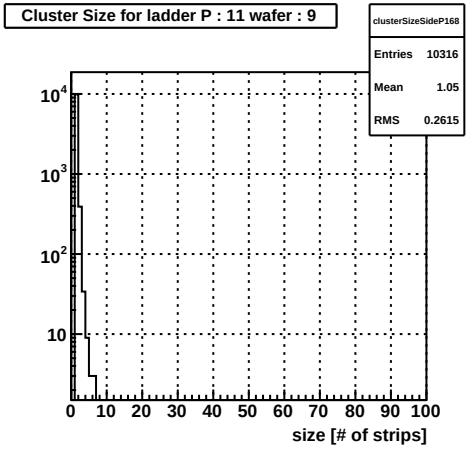

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 8389
Mean 1.039
RMS 0.2398
size [# of strips]

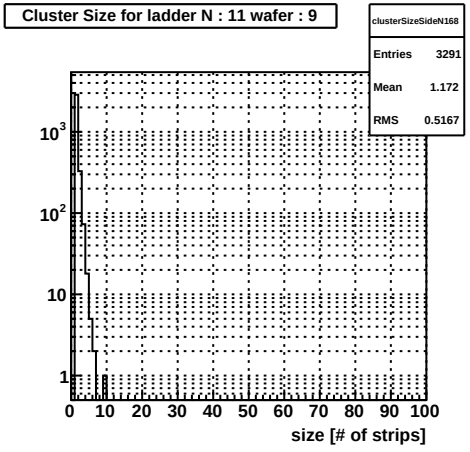

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 1192
Mean 1.252
RMS 0.612
size [# of strips]

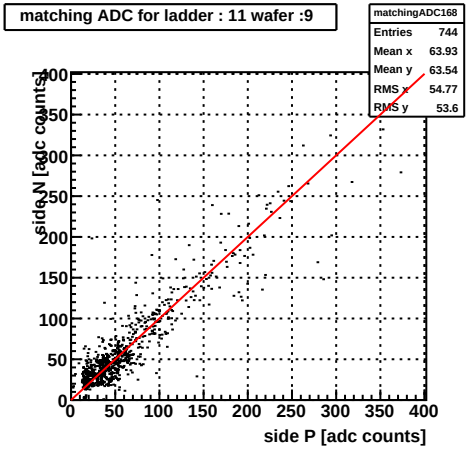

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 554
Mean x 75.72
Mean y 58.01
RMS x 62.92
RMS y 47.19
side N [adc counts]
side P [adc counts]

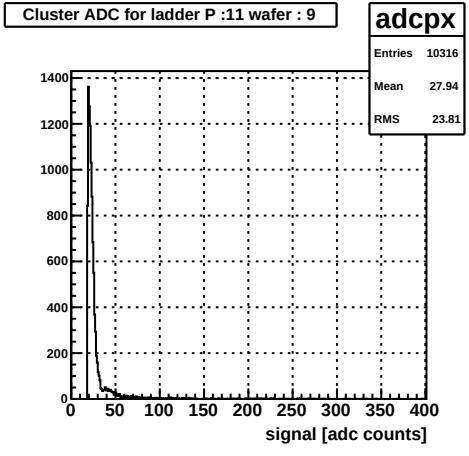

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 8389
Mean 26.61
RMS 23.48
signal [adc counts]

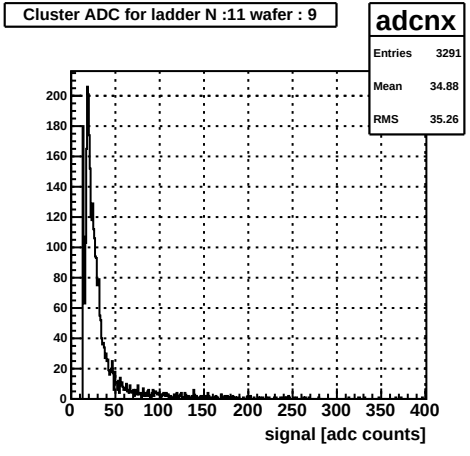

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 1192
Mean 43.16
RMS 45.93
signal [adc counts]

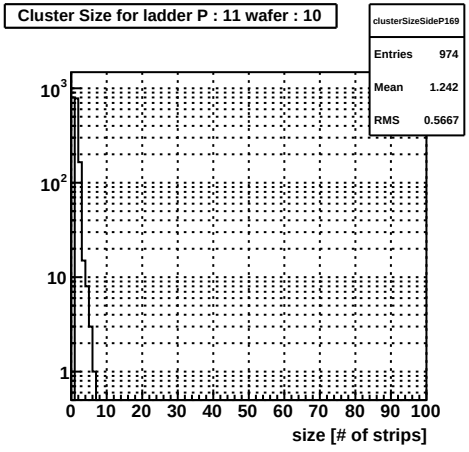

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 10316
Mean 1.05
RMS 0.2615
size [# of strips]

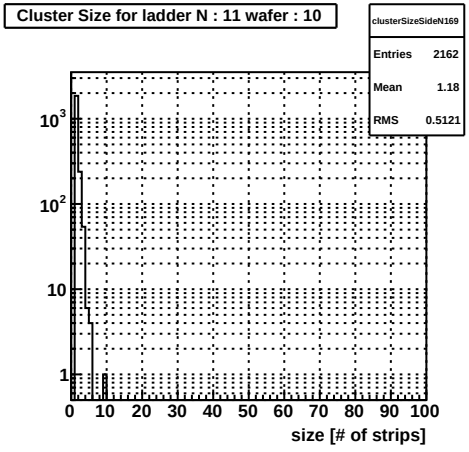

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 3291
Mean 1.172
RMS 0.5167
size [# of strips]

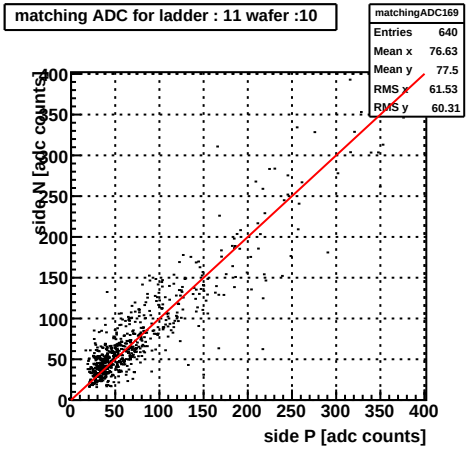

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 744
Mean x 63.93
Mean y 63.54
RMS x 54.77
RMS y 53.6
side N [adc counts]
side P [adc counts]

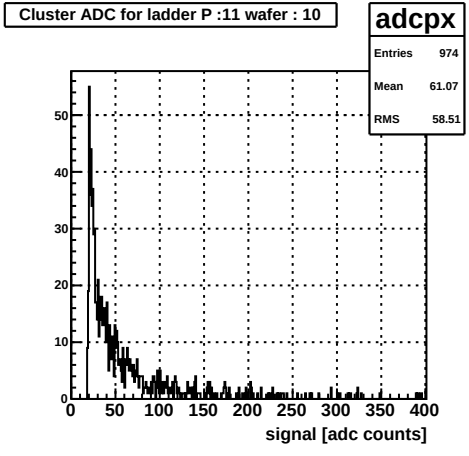

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 10316
Mean 27.94
RMS 23.81
signal [adc counts]

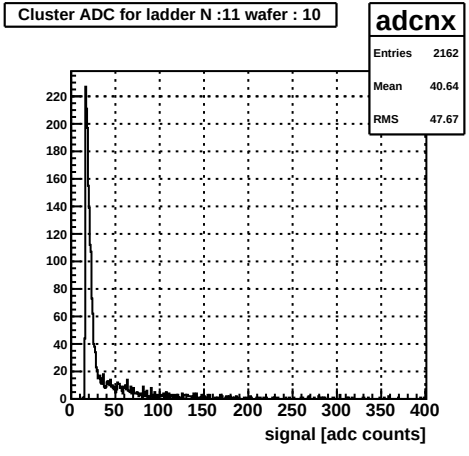

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 3291
Mean 34.88
RMS 35.26
signal [adc counts]

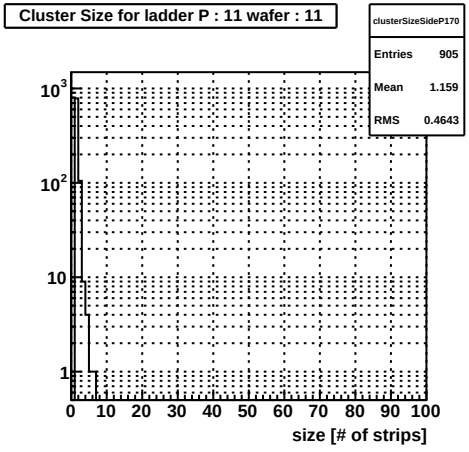

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 974
Mean 1.242
RMS 0.5667
size [# of strips]

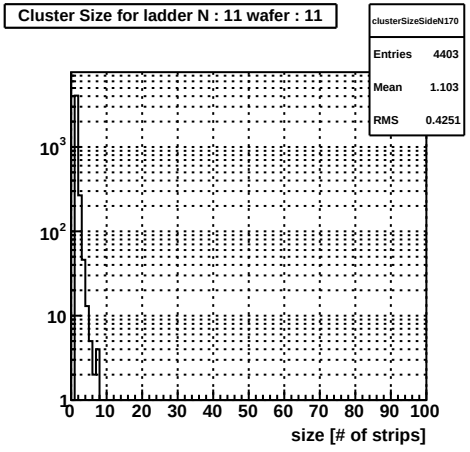

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 2162
Mean 1.18
RMS 0.5121
size [# of strips]

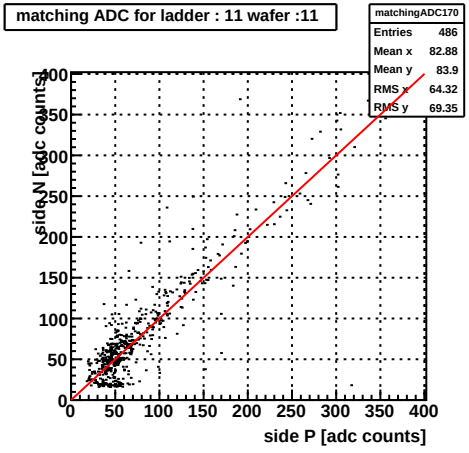

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 640
Mean x 76.63
Mean y 77.5
RMS x 61.53
RMS y 60.31
side N [adc counts]
side P [adc counts]

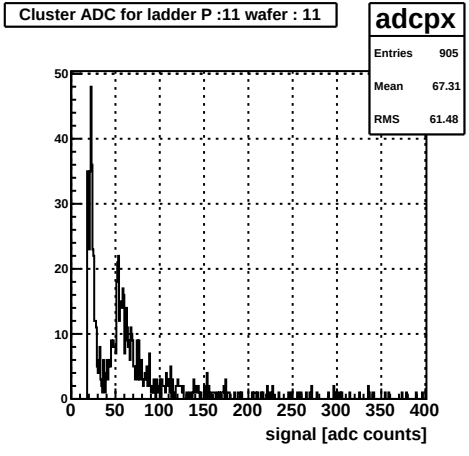

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 974
Mean 61.07
RMS 58.51
signal [adc counts]

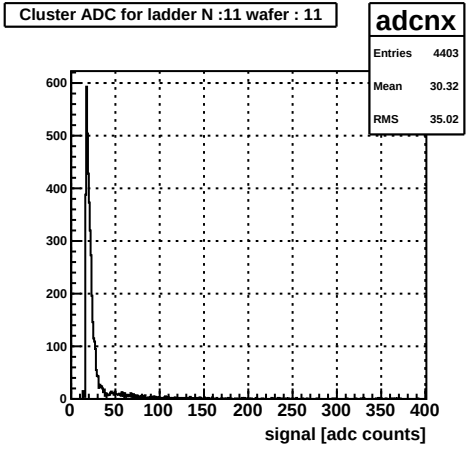

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 2162
Mean 40.64
RMS 47.67
signal [adc counts]

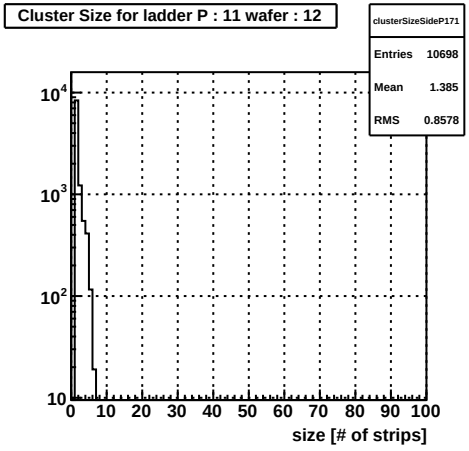

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 905
Mean 1.159
RMS 0.4643
size [# of strips]

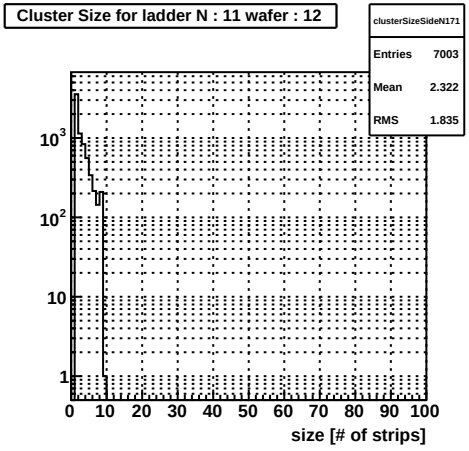

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 4403
Mean 1.103
RMS 0.4251
size [# of strips]

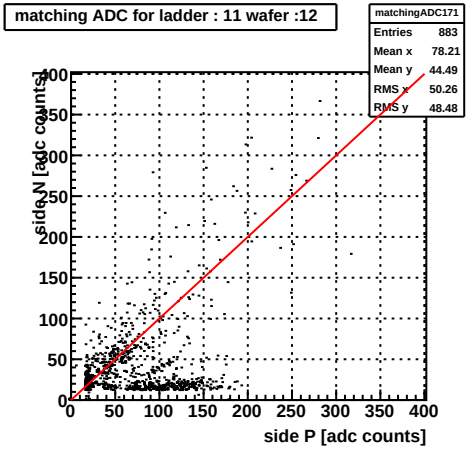

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 486
Mean x 82.88
Mean y 83.9
RMS x 64.32
RMS y 69.35
side N [adc counts]
side P [adc counts]

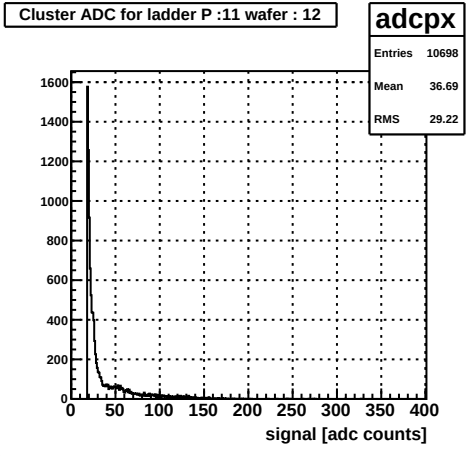

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 905
Mean 67.31
RMS 61.48
signal [adc counts]

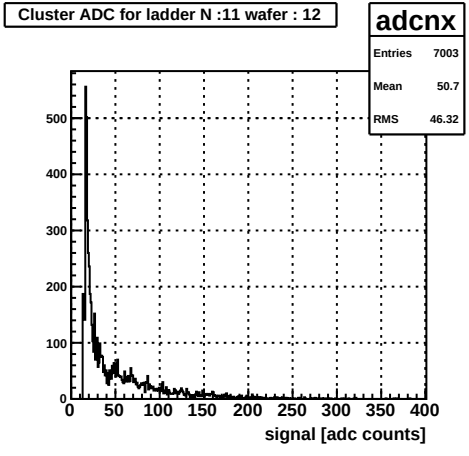

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 4403
Mean 30.32
RMS 35.02
signal [adc counts]

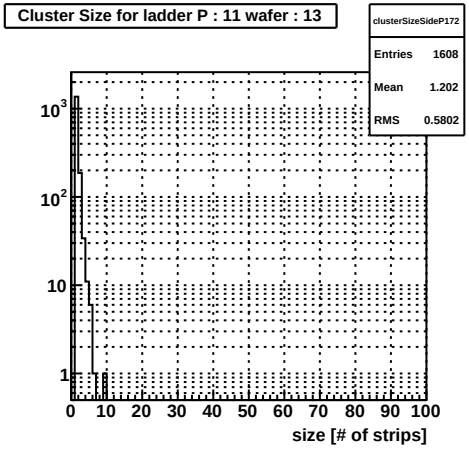

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 10698
Mean 1.385
RMS 0.8578
size [# of strips]

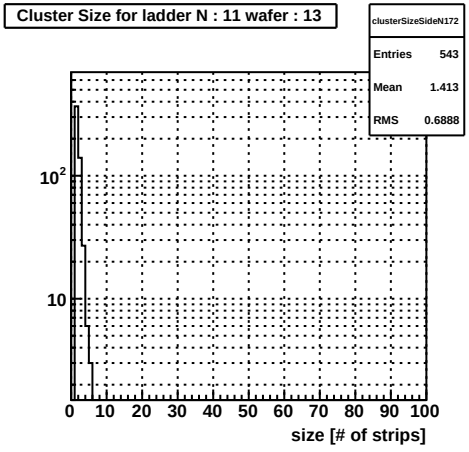

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 7003
Mean 2.322
RMS 1.835
size [# of strips]

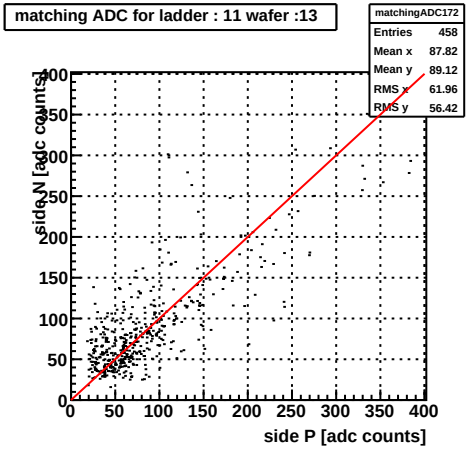

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 883
Mean x 78.21
Mean y 44.49
RMS x 50.26
RMS y 48.48
side N [adc counts]
side P [adc counts]

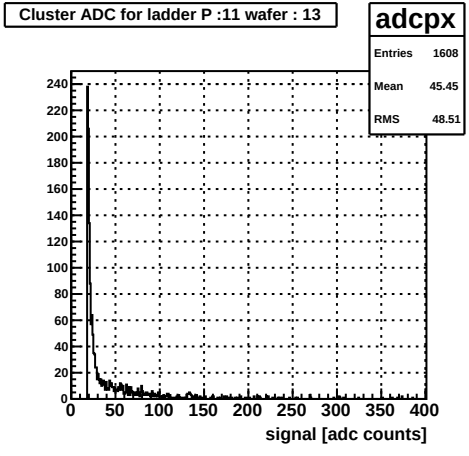

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 10698
Mean 36.69
RMS 29.22
signal [adc counts]

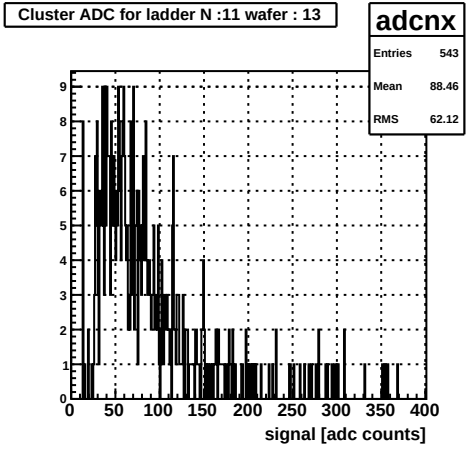

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 7003
Mean 50.7
RMS 46.32
signal [adc counts]

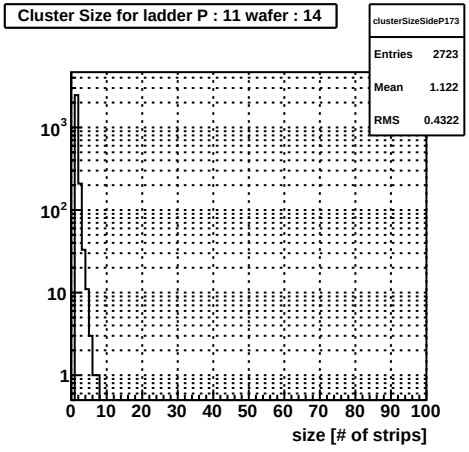

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 1608
Mean 1.202
RMS 0.5802
size [# of strips]

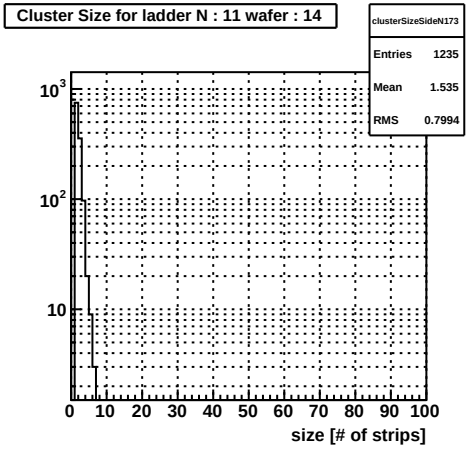

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 543
Mean 1.413
RMS 0.6888
size [# of strips]

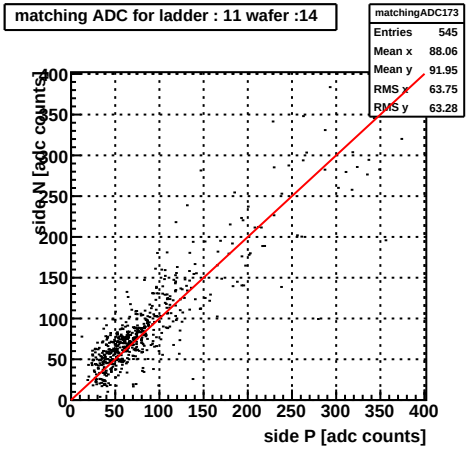

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 458
Mean x 87.82
Mean y 89.12
RMS x 61.96
RMS y 56.42
side N [adc counts]
side P [adc counts]

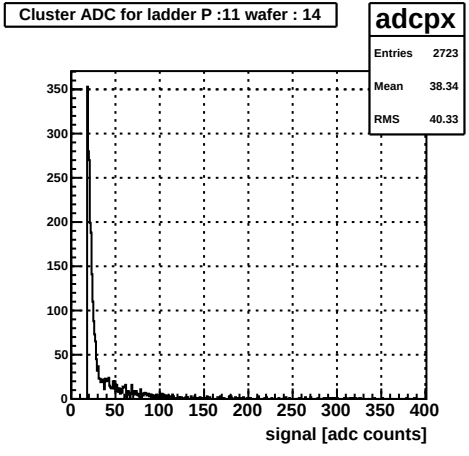

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 1608
Mean 45.45
RMS 48.51
signal [adc counts]

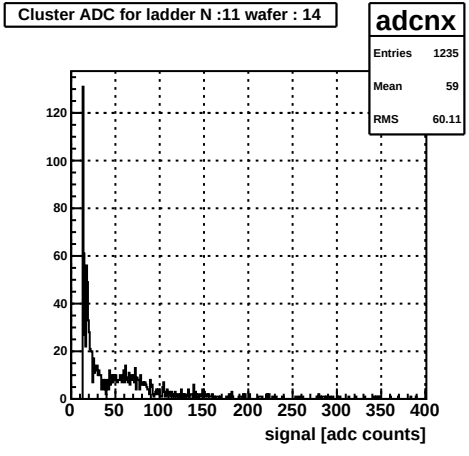

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 543
Mean 88.46
RMS 62.12
signal [adc counts]

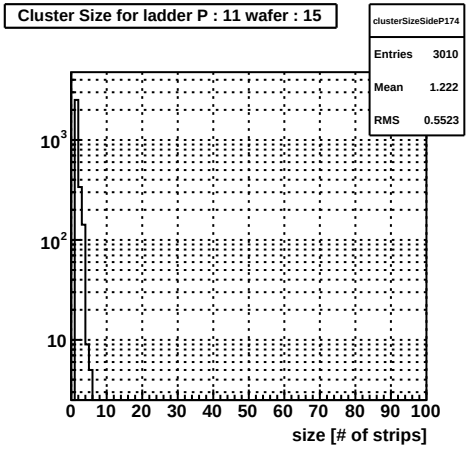

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 2723
Mean 1.122
RMS 0.4322
size [# of strips]

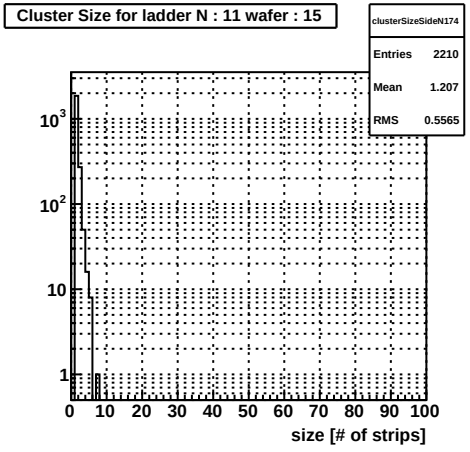

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 1235
Mean 1.535
RMS 0.7994
size [# of strips]

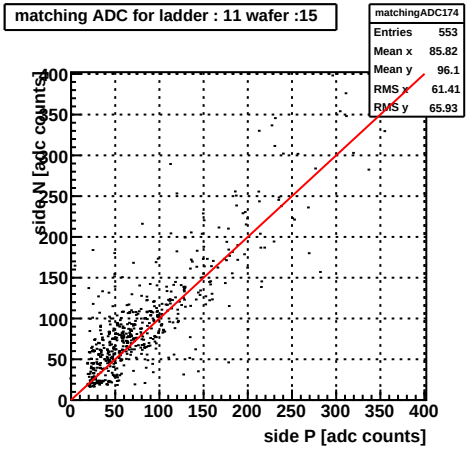

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 545
Mean x 88.06
Mean y 91.95
RMS x 63.75
RMS y 63.28
side N [adc counts]
side P [adc counts]

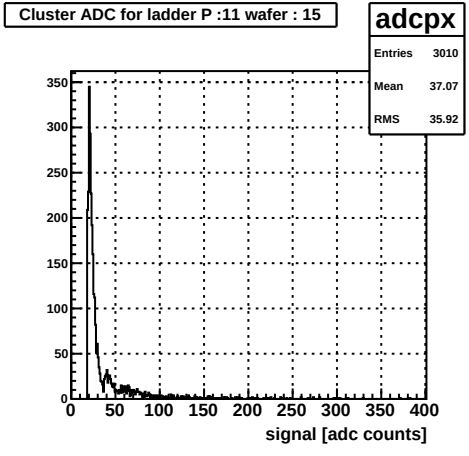

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 2723
Mean 38.34
RMS 40.33
signal [adc counts]

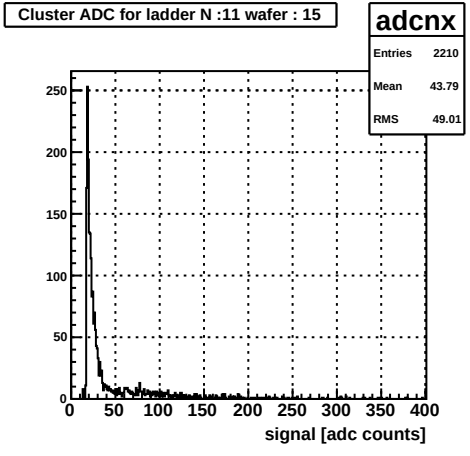

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 1235
Mean 59
RMS 60.11
signal [adc counts]

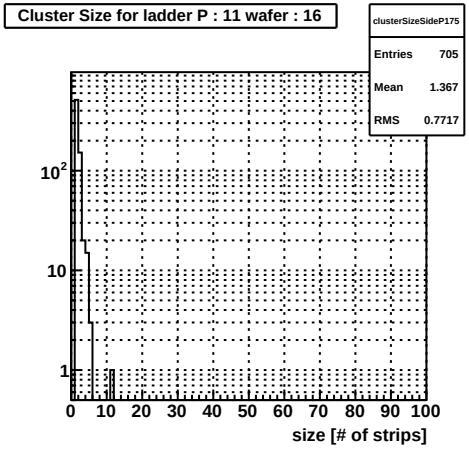

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 3010
Mean 1.222
RMS 0.5523
size [# of strips]

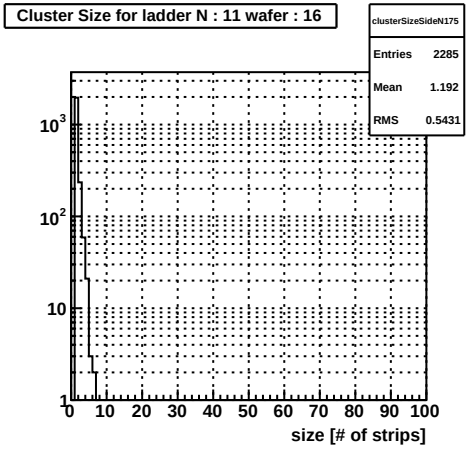

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 2210
Mean 1.207
RMS 0.5565
size [# of strips]

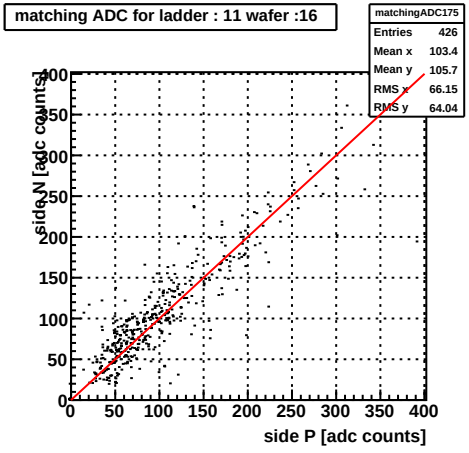

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 553
Mean x 85.82
Mean y 96.1
RMS x 61.41
RMS y 65.93
side N [adc counts]
side P [adc counts]

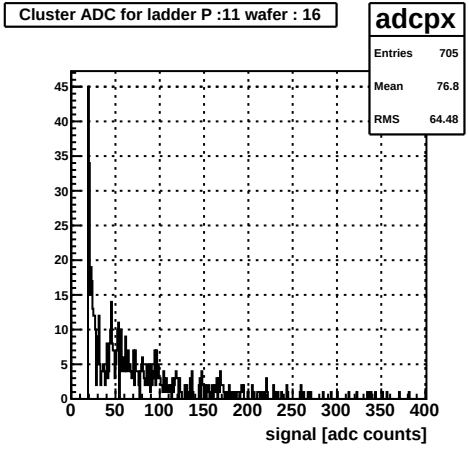

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 3010
Mean 37.07
RMS 35.92
signal [adc counts]

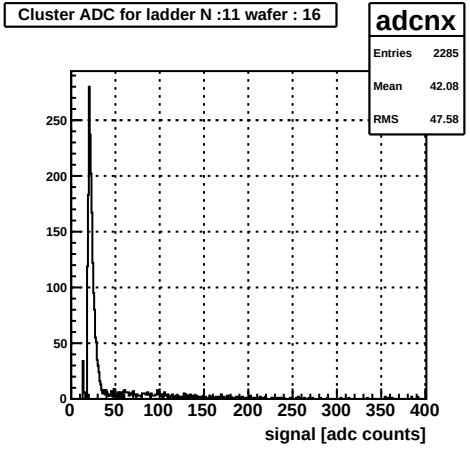

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 2210
Mean 43.79
RMS 49.01
signal [adc counts]

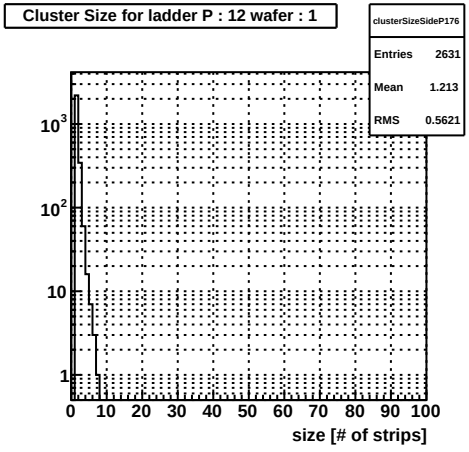

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 705
Mean 1.367
RMS 0.7717
size [# of strips]

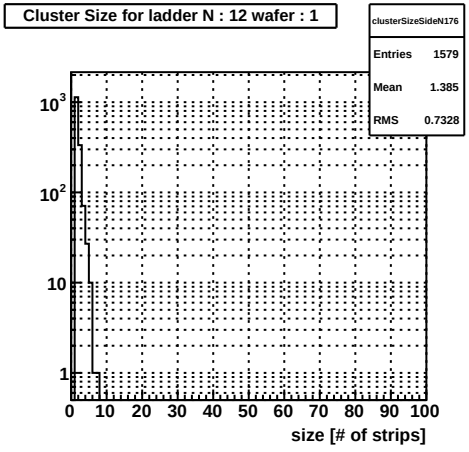

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 2285
Mean 1.192
RMS 0.5431
size [# of strips]

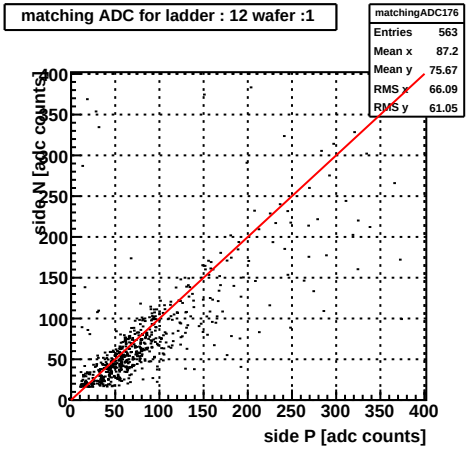

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 426
Mean x 103.4
Mean y 105.7
RMS x 66.15
RMS y 64.04
side N [adc counts]
side P [adc counts]

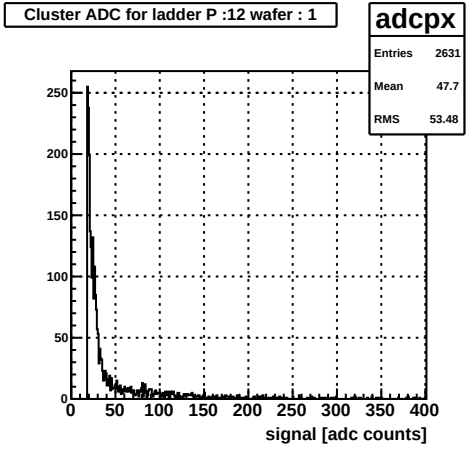

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 705
Mean 76.8
RMS 64.48
signal [adc counts]

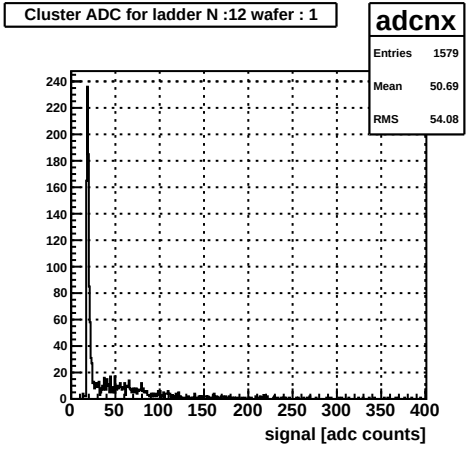

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 2285
Mean 42.08
RMS 47.58
signal [adc counts]

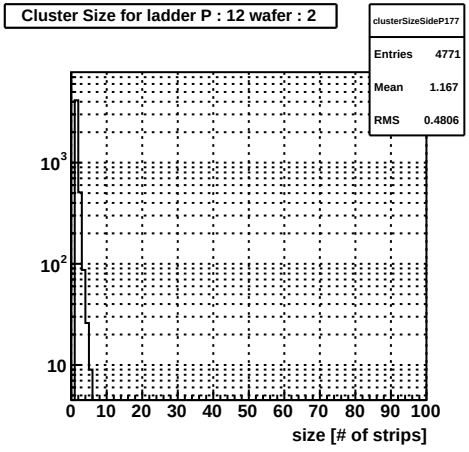

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 2631
Mean 1.213
RMS 0.5621
size [# of strips]

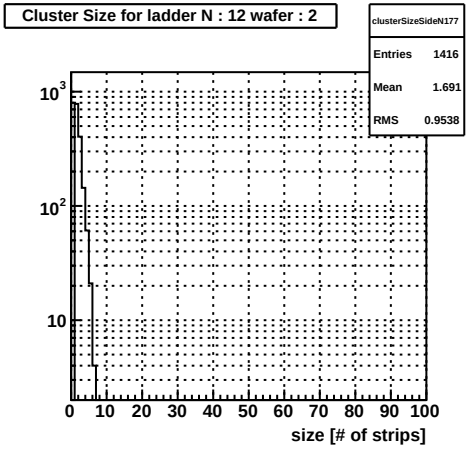

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 1579
Mean 1.385
RMS 0.7328
size [# of strips]

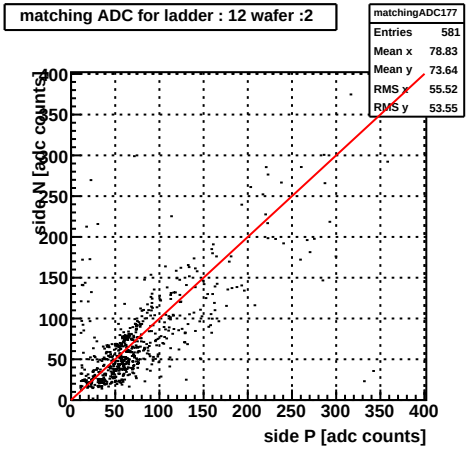

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 563
Mean x 87.2
Mean y 75.67
RMS x 66.09
RMS y 61.05
side N [adc counts]
side P [adc counts]

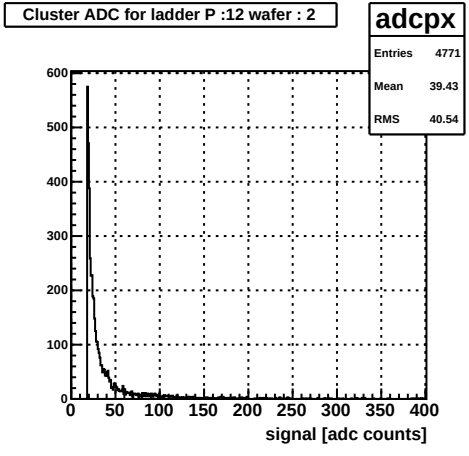

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 2631
Mean 47.7
RMS 53.48
signal [adc counts]

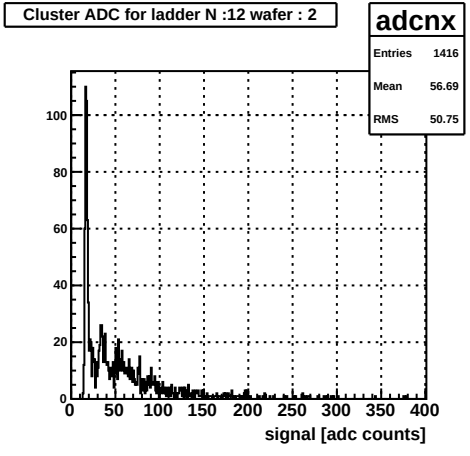

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 1579
Mean 50.69
RMS 54.08
signal [adc counts]

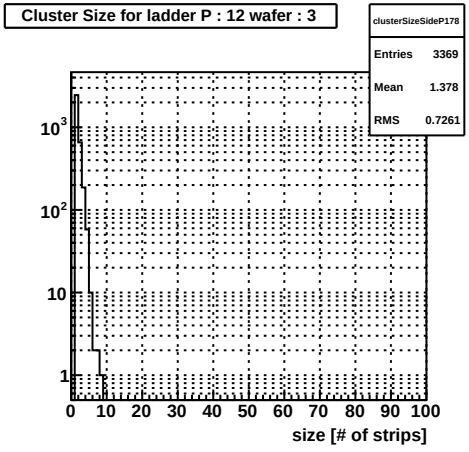

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 4771
Mean 1.167
RMS 0.4806
size [# of strips]

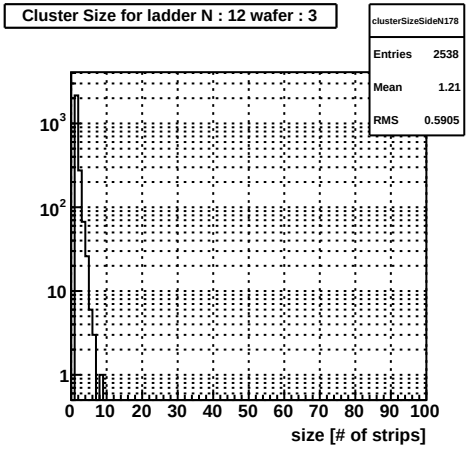

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 1416
Mean 1.691
RMS 0.9538
size [# of strips]

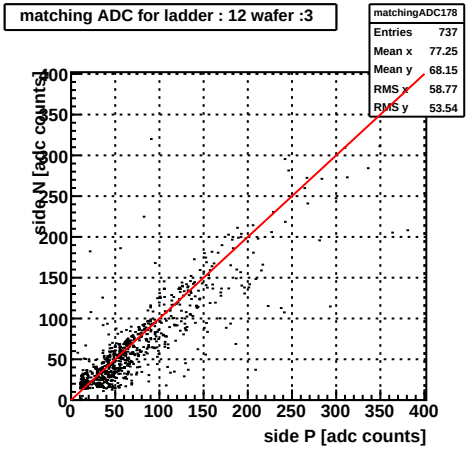

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 581
Mean x 78.83
Mean y 73.64
RMS x 55.52
RMS y 53.55
side N [adc counts]
side P [adc counts]

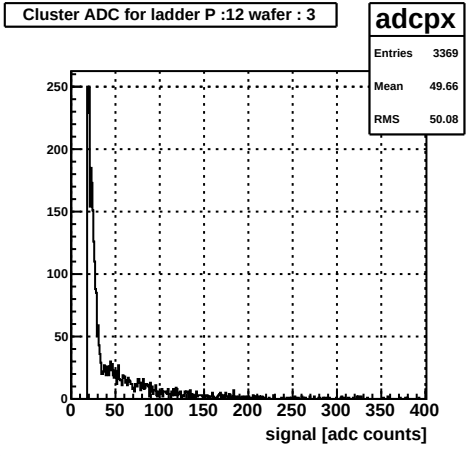

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 4771
Mean 39.43
RMS 40.54
signal [adc counts]

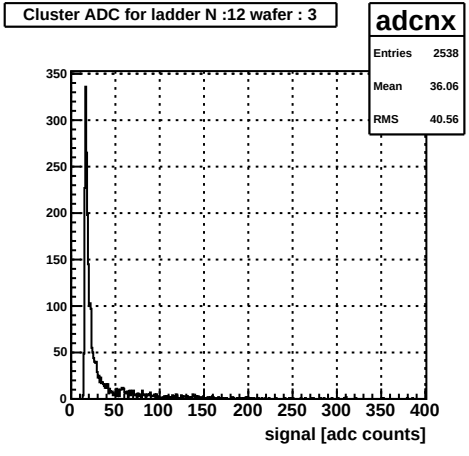

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 1416
Mean 56.69
RMS 50.75
signal [adc counts]

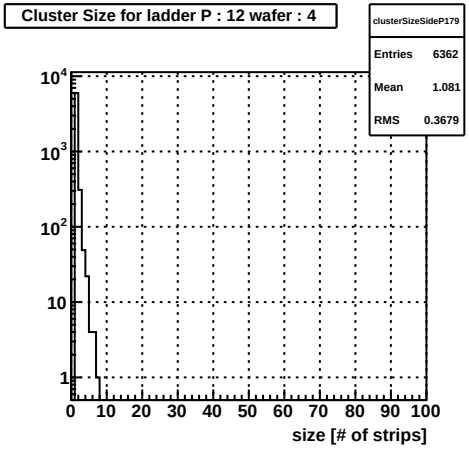

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 3369
Mean 1.378
RMS 0.7261
size [# of strips]

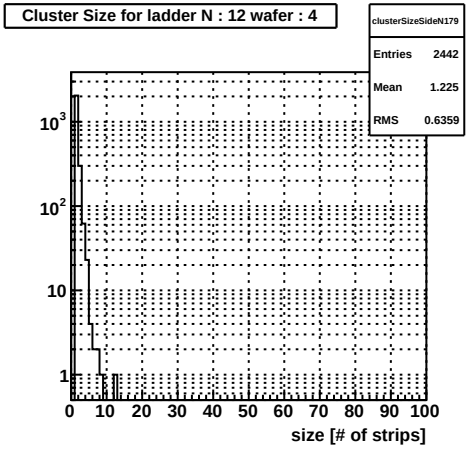

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 2538
Mean 1.21
RMS 0.5905
size [# of strips]

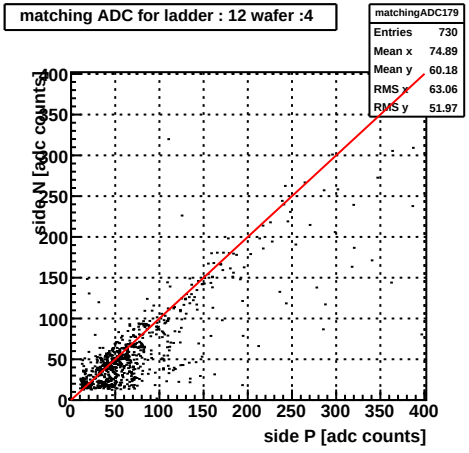

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 737
Mean x 77.25
Mean y 68.15
RMS x 58.77
RMS y 53.54
side N [adc counts]
side P [adc counts]

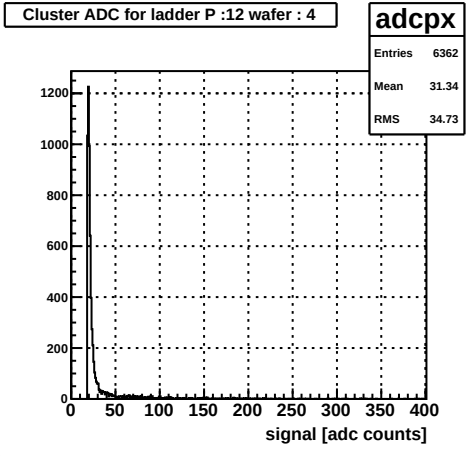

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 3369
Mean 49.66
RMS 50.08
signal [adc counts]

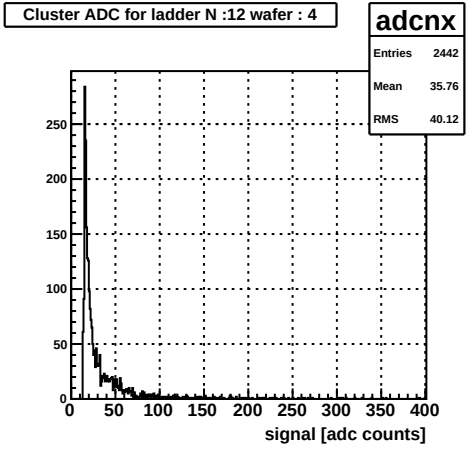

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 2538
Mean 36.06
RMS 40.56
signal [adc counts]

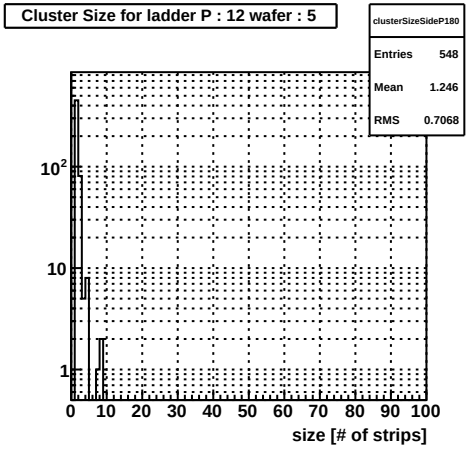

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 6362
Mean 1.081
RMS 0.3679
size [# of strips]

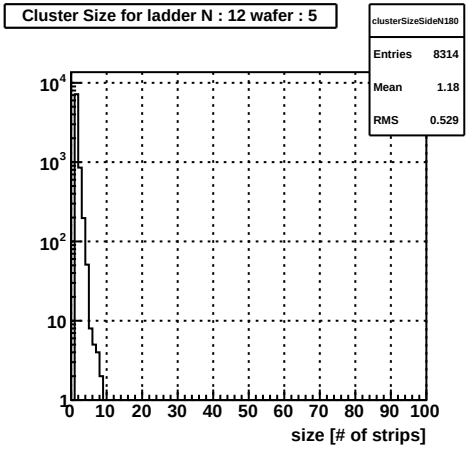

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 2442
Mean 1.225
RMS 0.6359
size [# of strips]

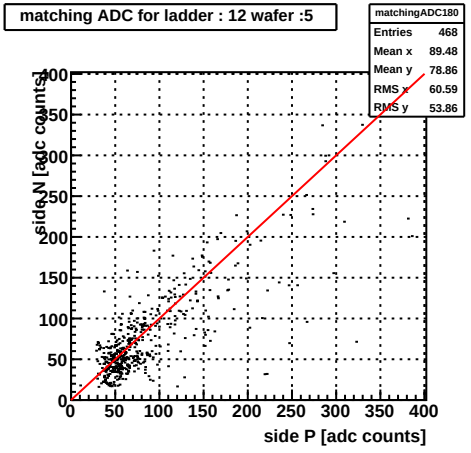

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 730
Mean x 74.89
Mean y 60.18
RMS x 63.06
RMS y 51.97
side N [adc counts]
side P [adc counts]

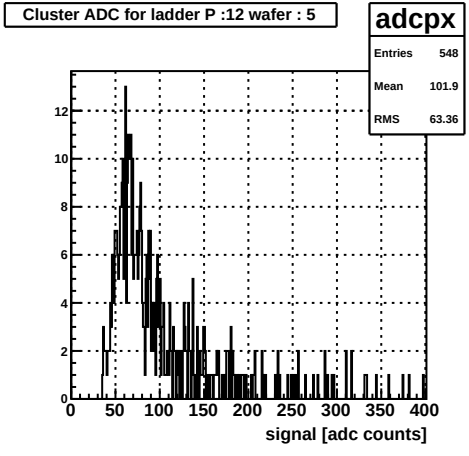

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 6362
Mean 31.34
RMS 34.73
signal [adc counts]

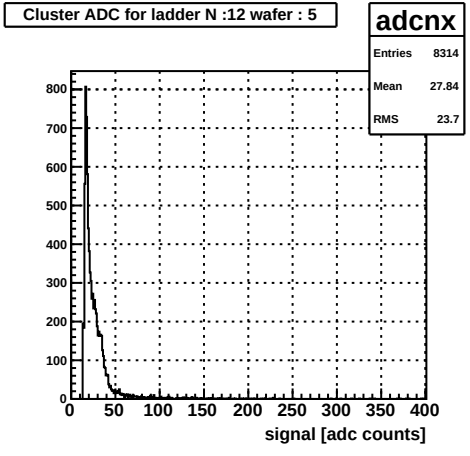

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 2442
Mean 35.76
RMS 40.12
signal [adc counts]

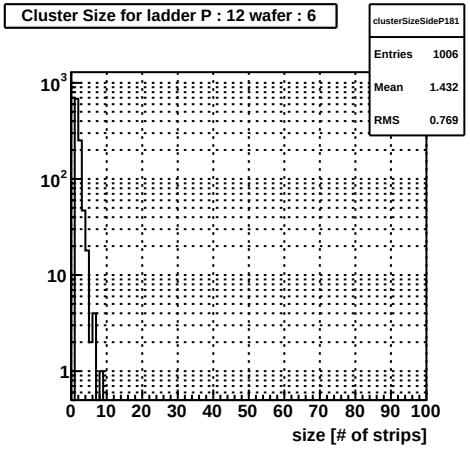

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 548
Mean 1.246
RMS 0.7068
size [# of strips]

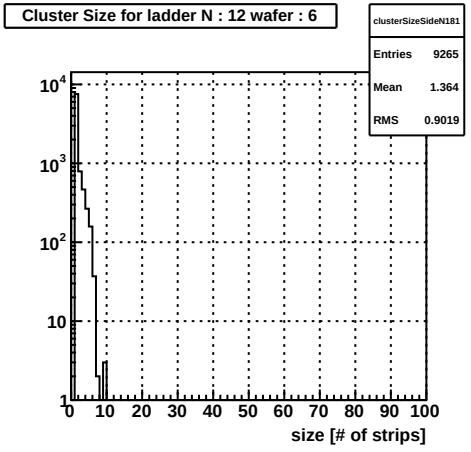

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 8314
Mean 1.18
RMS 0.529
size [# of strips]

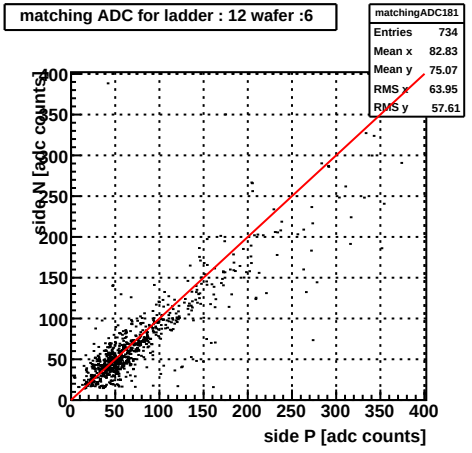

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 468
Mean x 89.48
Mean y 78.86
RMS x 60.59
RMS y 53.86
side N [adc counts]
side P [adc counts]

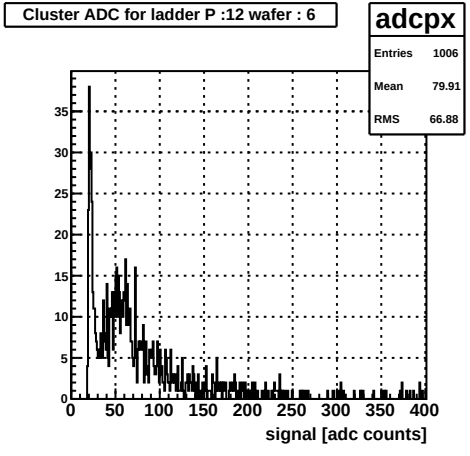

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 548
Mean 101.9
RMS 63.36
signal [adc counts]

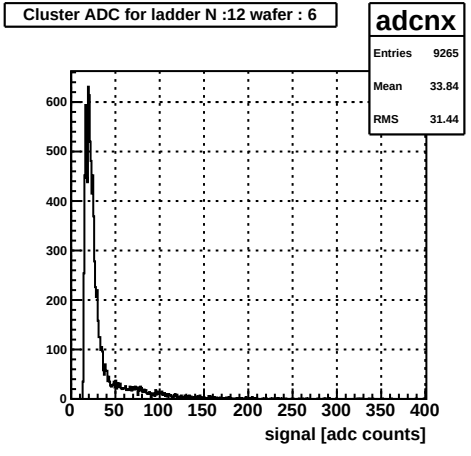

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 8314
Mean 27.84
RMS 23.7
signal [adc counts]

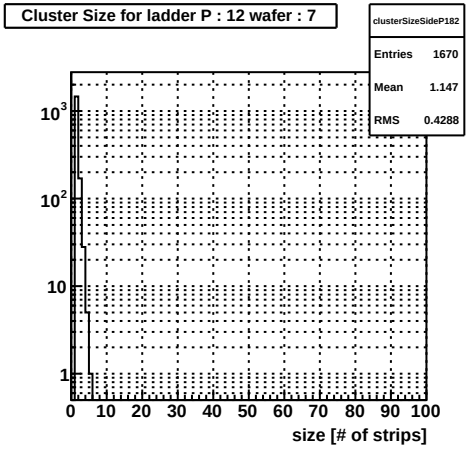

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 1006
Mean 1.432
RMS 0.769
size [# of strips]

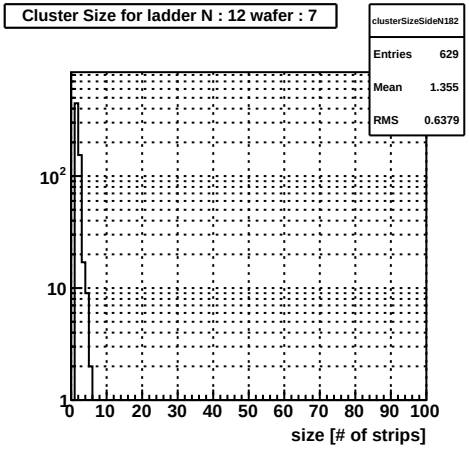

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 9265
Mean 1.364
RMS 0.9019
size [# of strips]

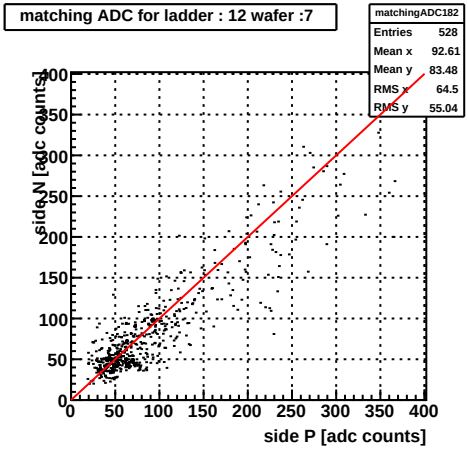

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 734
Mean x 82.83
Mean y 75.07
RMS x 63.95
RMS y 57.61
side N [adc counts]
side P [adc counts]

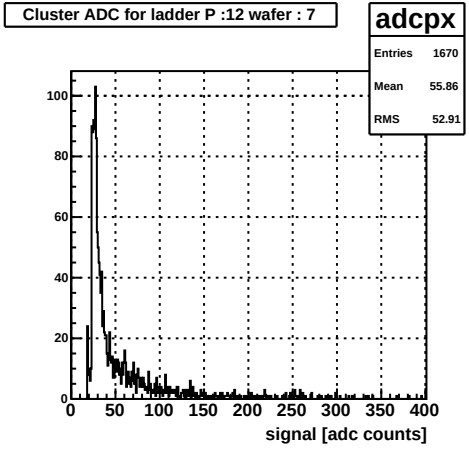

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 1006
Mean 79.91
RMS 66.88
signal [adc counts]

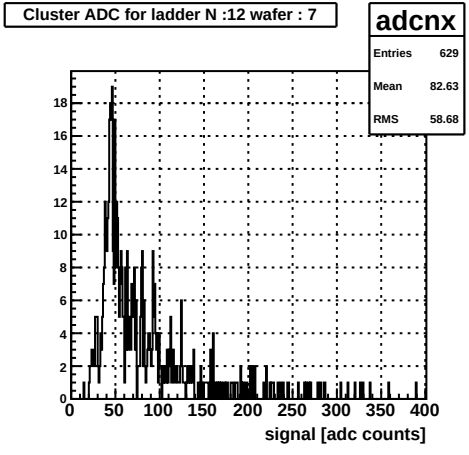

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 9265
Mean 33.84
RMS 31.44
signal [adc counts]

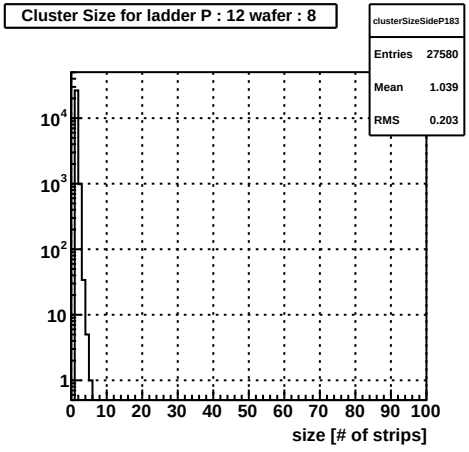

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 1670
Mean 1.147
RMS 0.4288
size [# of strips]

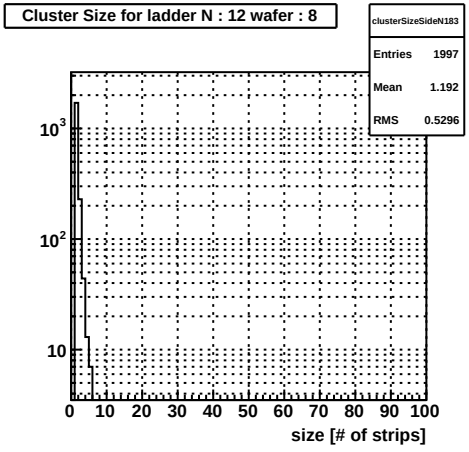

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 629
Mean 1.355
RMS 0.6379
size [# of strips]

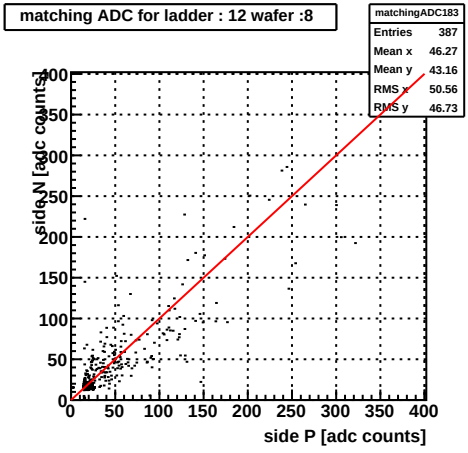

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 528
Mean x 92.61
Mean y 83.48
RMS x 64.5
RMS y 55.04
side N [adc counts]
side P [adc counts]

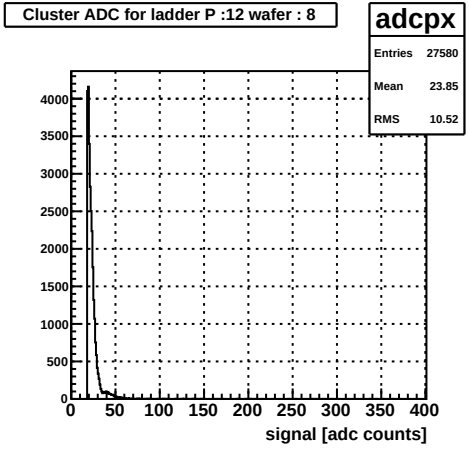

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 1670
Mean 55.86
RMS 52.91
signal [adc counts]

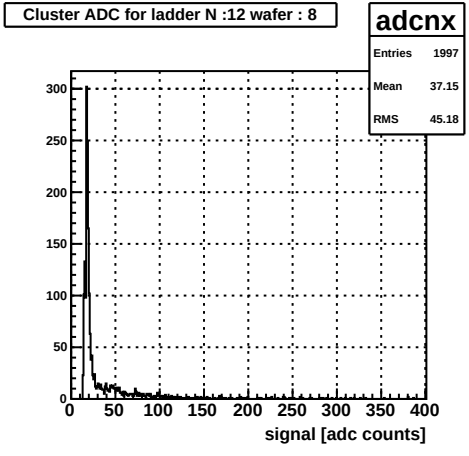

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 629
Mean 82.63
RMS 58.68
signal [adc counts]

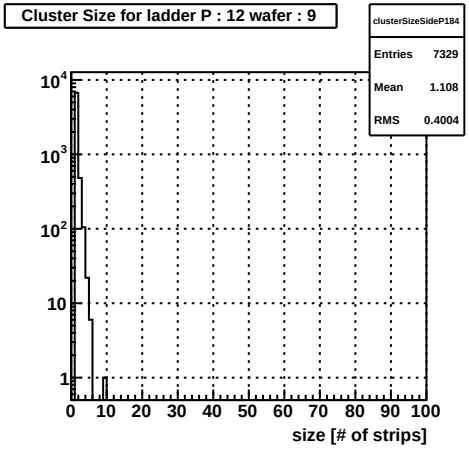

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 27580
Mean 1.039
RMS 0.203
size [# of strips]

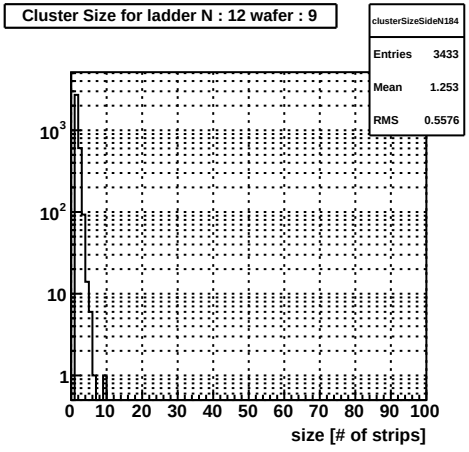

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 1997
Mean 1.192
RMS 0.5296
size [# of strips]

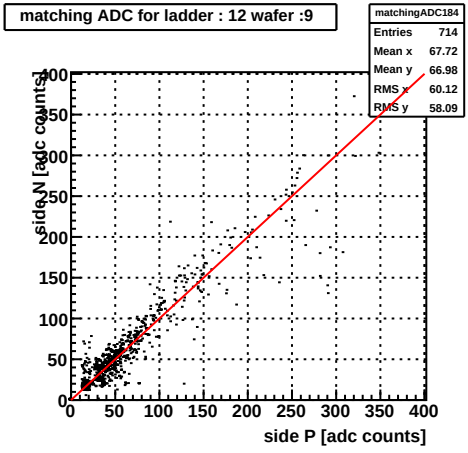

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 387
Mean x 46.27
Mean y 43.16
RMS x 50.56
RMS y 46.73
side N [adc counts]
side P [adc counts]

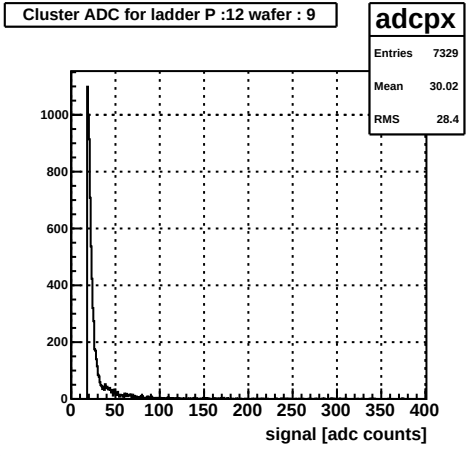

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 27580
Mean 23.85
RMS 10.52
signal [adc counts]

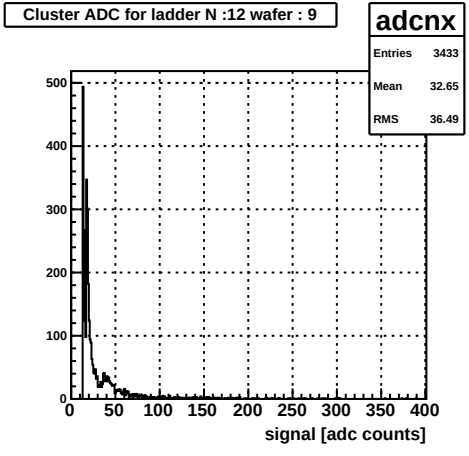

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 1997
Mean 37.15
RMS 45.18
signal [adc counts]

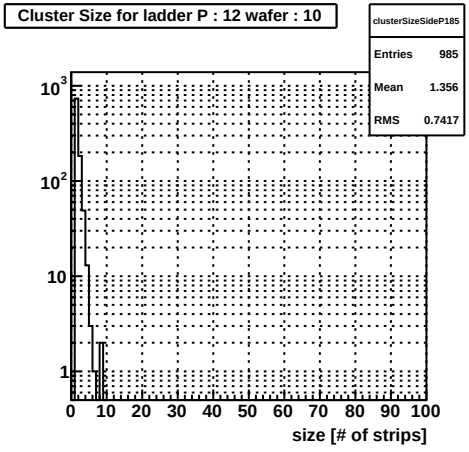

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 7329
Mean 1.108
RMS 0.4004
size [# of strips]

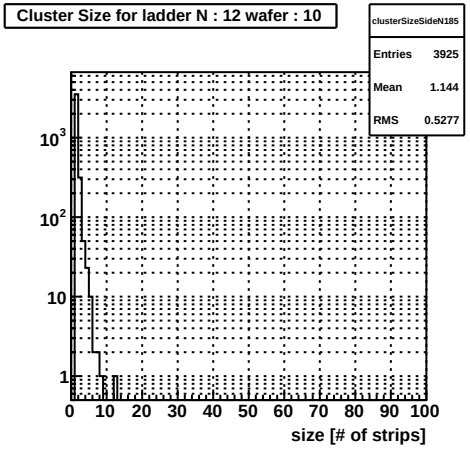

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 3433
Mean 1.253
RMS 0.5576
size [# of strips]

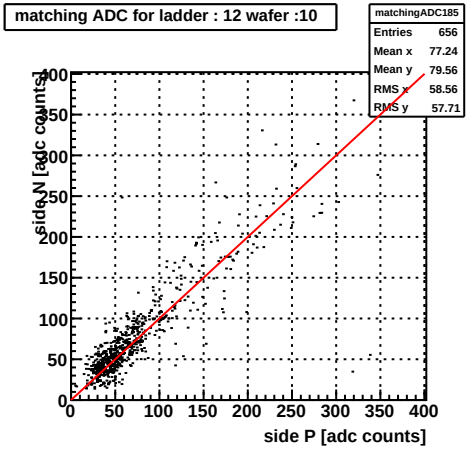

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 714
Mean x 67.72
Mean y 66.98
RMS x 60.12
RMS y 58.09
side N [adc counts]
side P [adc counts]

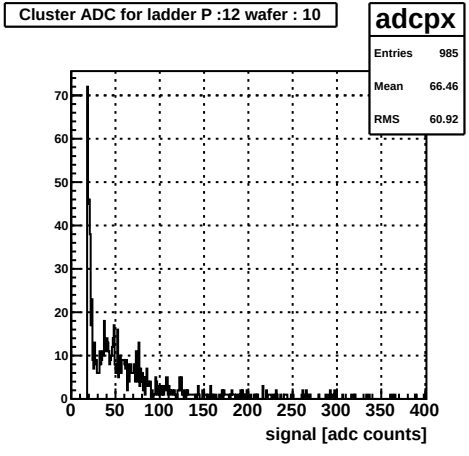

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 7329
Mean 30.02
RMS 28.4
signal [adc counts]

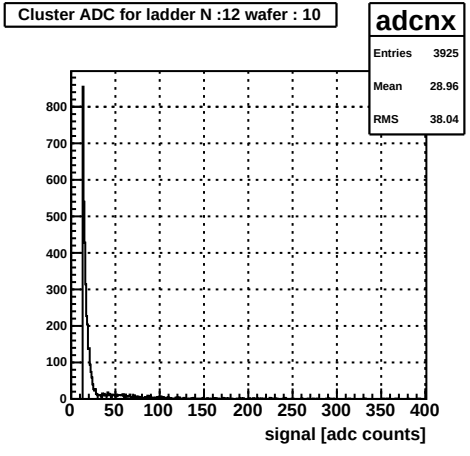

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 3433
Mean 32.65
RMS 36.49
signal [adc counts]

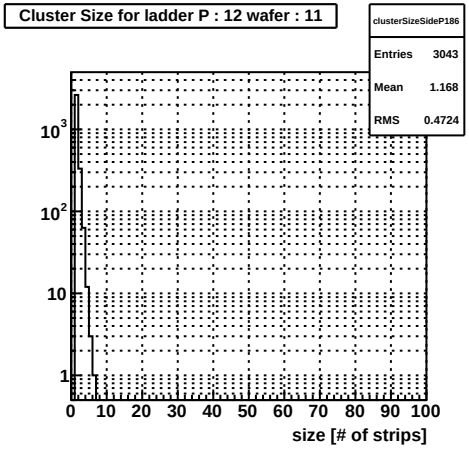

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 985
Mean 1.356
RMS 0.7417
size [# of strips]

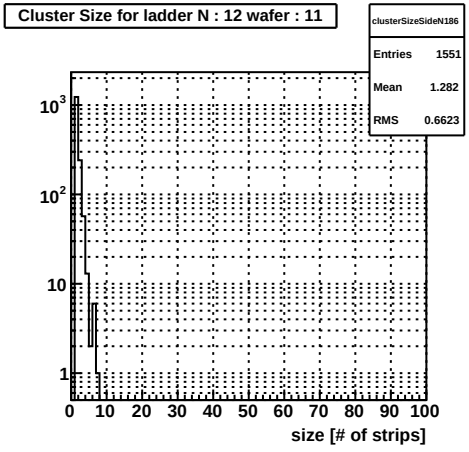

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 3925
Mean 1.144
RMS 0.5277
size [# of strips]

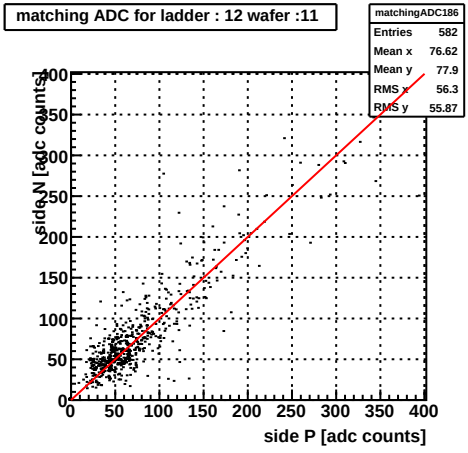

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 656
Mean x 77.24
Mean y 79.56
RMS x 58.56
RMS y 57.71
side N [adc counts]
side P [adc counts]

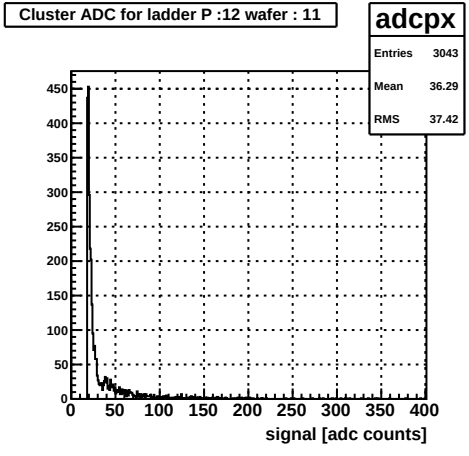

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 985
Mean 66.46
RMS 60.92
signal [adc counts]

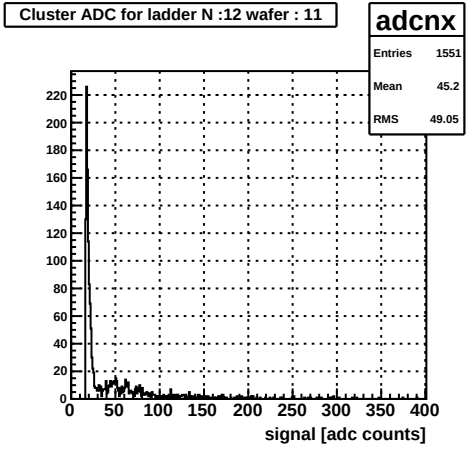

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 3925
Mean 28.96
RMS 38.04
signal [adc counts]

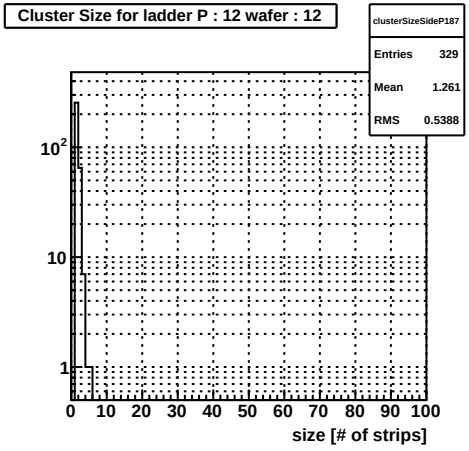

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 3043
Mean 1.168
RMS 0.4724
size [# of strips]

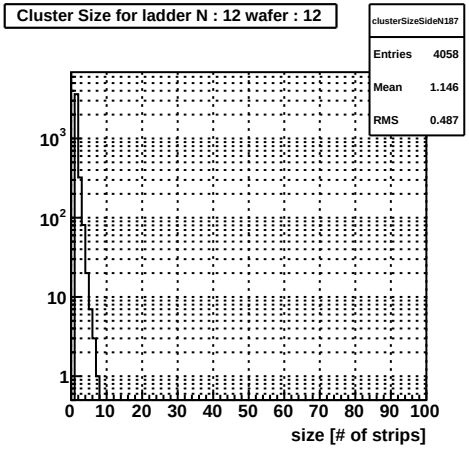

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 1551
Mean 1.282
RMS 0.6623
size [# of strips]

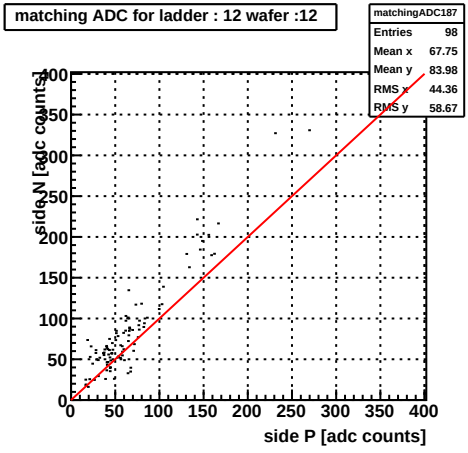

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 582
Mean x 76.62
Mean y 77.9
RMS x 56.3
RMS y 55.87
side N [adc counts]
side P [adc counts]

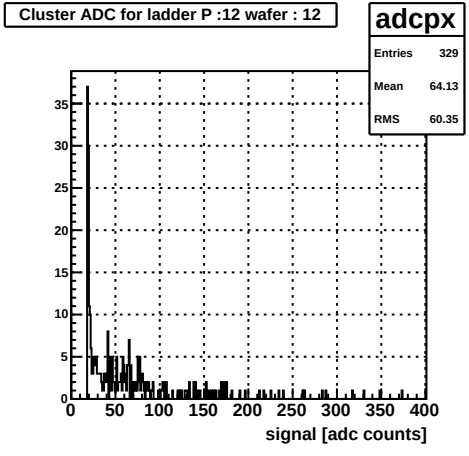

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 3043
Mean 36.29
RMS 37.42
signal [adc counts]

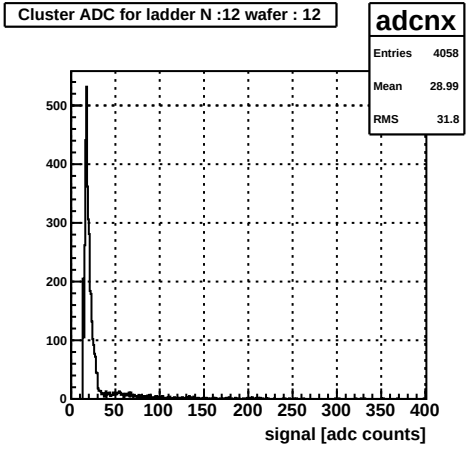

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 1551
Mean 45.2
RMS 49.05
signal [adc counts]

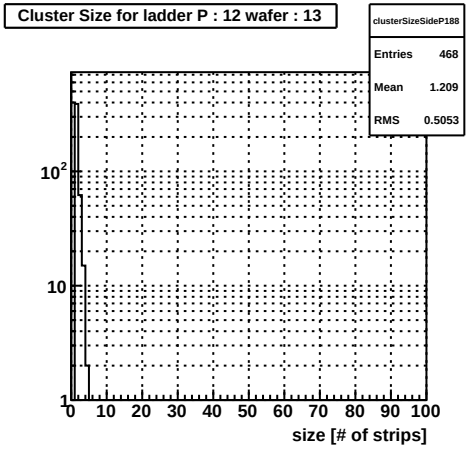

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 329
Mean 1.261
RMS 0.5388
size [# of strips]

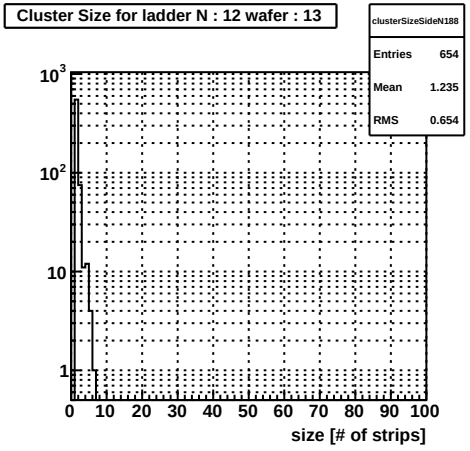

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 4058
Mean 1.146
RMS 0.487
size [# of strips]

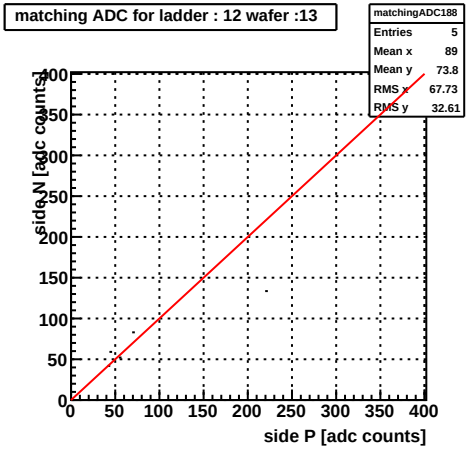

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 98
Mean x 67.75
Mean y 83.98
RMS x 44.36
RMS y 58.67
side N [adc counts]
side P [adc counts]

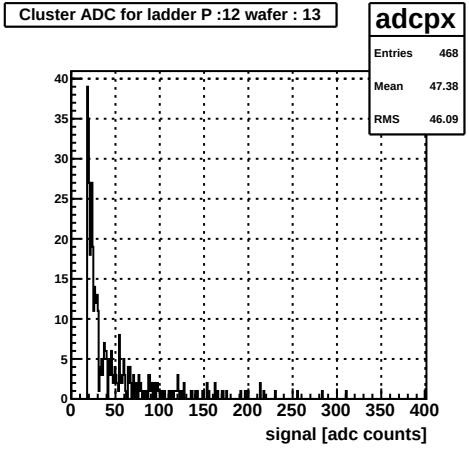

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 329
Mean 64.13
RMS 60.35
signal [adc counts]

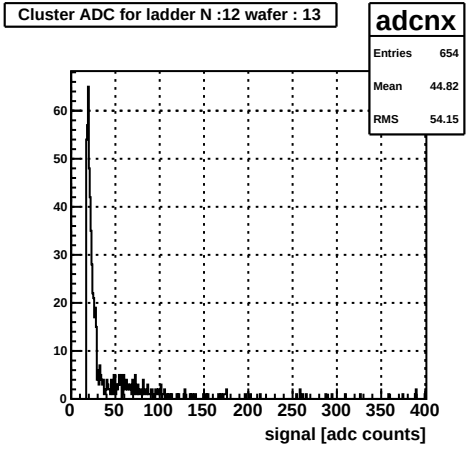

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 4058
Mean 28.99
RMS 31.8
signal [adc counts]

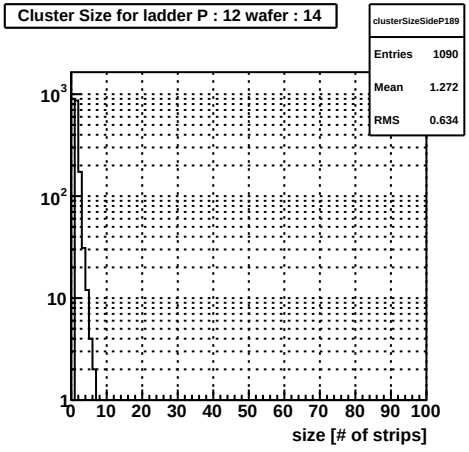

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 468
Mean 1.209
RMS 0.5053
size [# of strips]

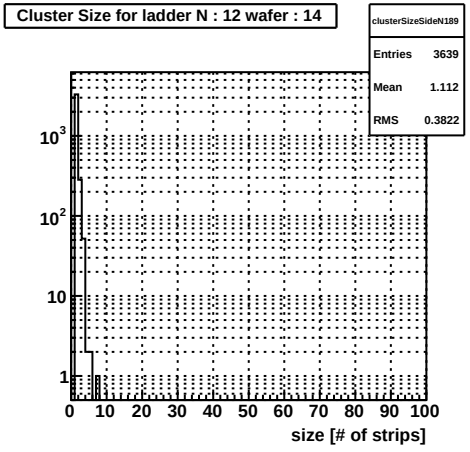

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 654
Mean 1.235
RMS 0.654
size [# of strips]

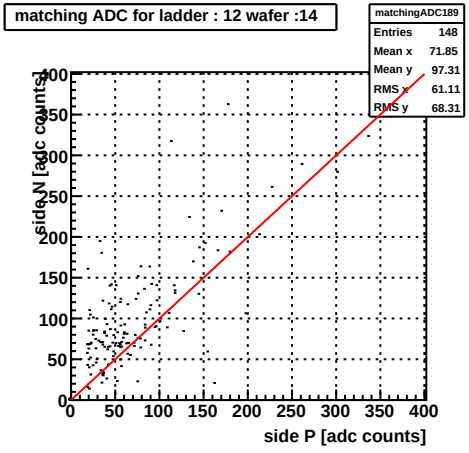

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 5
Mean x 89
Mean y 73.8
RMS x 67.73
RMS y 32.61
side N [adc counts]
side P [adc counts]

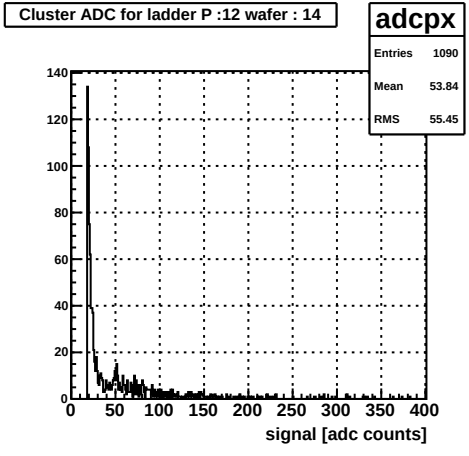

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 468
Mean 47.38
RMS 46.09
signal [adc counts]

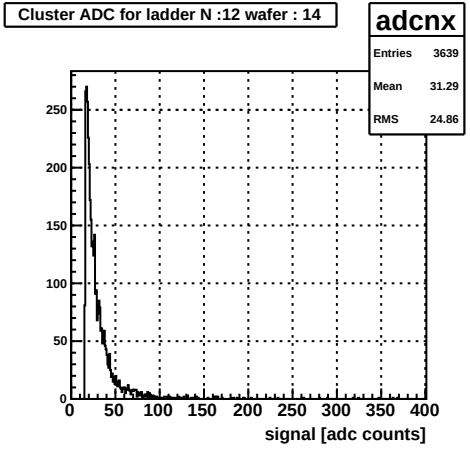

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 654
Mean 44.82
RMS 54.15
signal [adc counts]

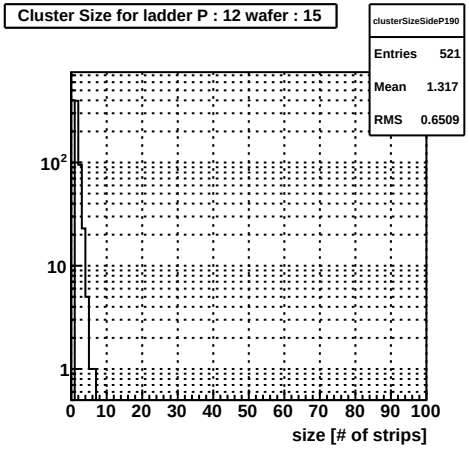

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 1090
Mean 1.272
RMS 0.634
size [# of strips]

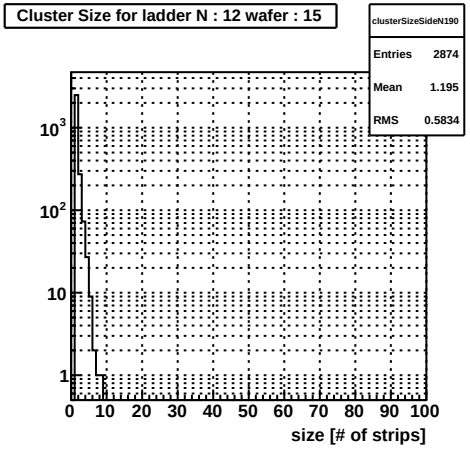

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 3639
Mean 1.112
RMS 0.3822
size [# of strips]

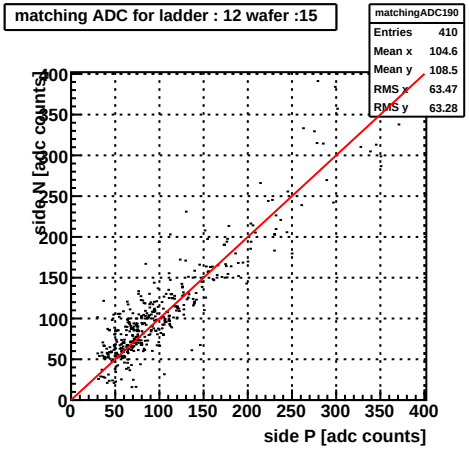

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 148
Mean x 71.85
Mean y 97.31
RMS x 61.11
RMS y 68.31
side N [adc counts]
side P [adc counts]

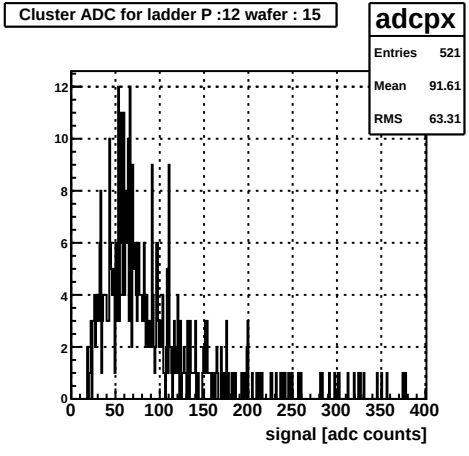

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 1090
Mean 53.84
RMS 55.45
signal [adc counts]

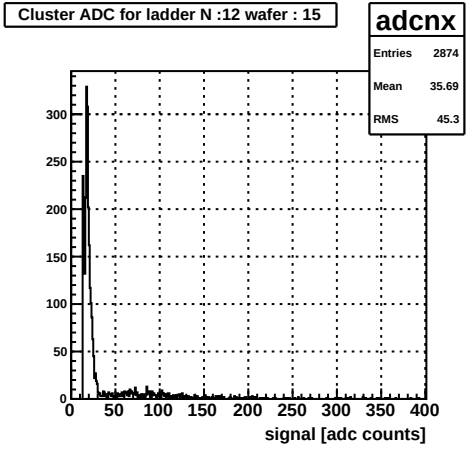

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 3639
Mean 31.29
RMS 24.86
signal [adc counts]

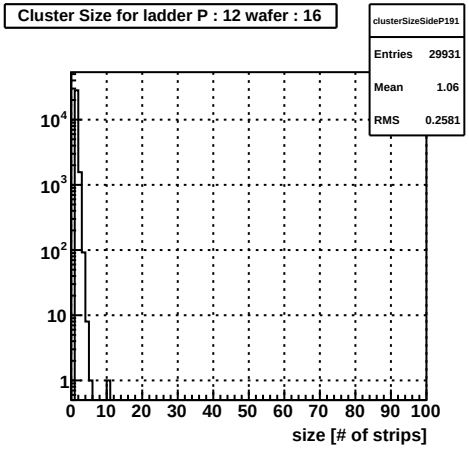

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 521
Mean 1.317
RMS 0.6509
size [# of strips]

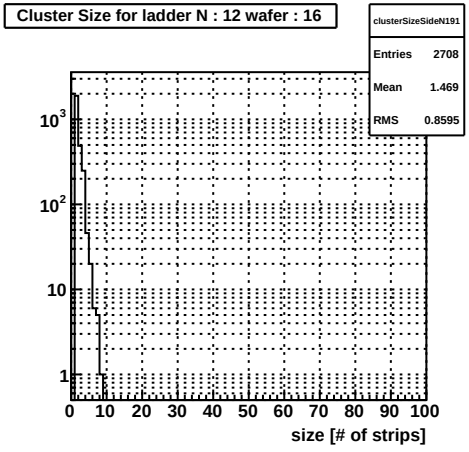

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 2874
Mean 1.195
RMS 0.5834
size [# of strips]

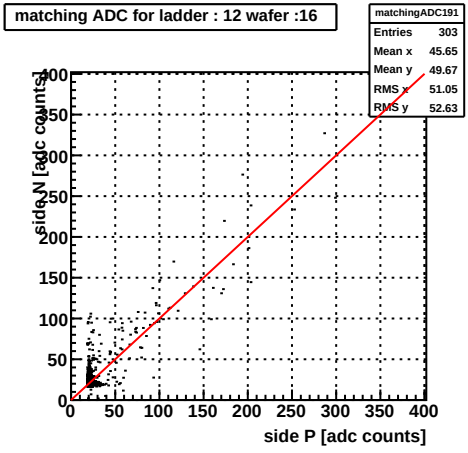

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 410
Mean x 104.6
Mean y 108.5
RMS x 63.47
RMS y 63.28
side N [adc counts]
side P [adc counts]

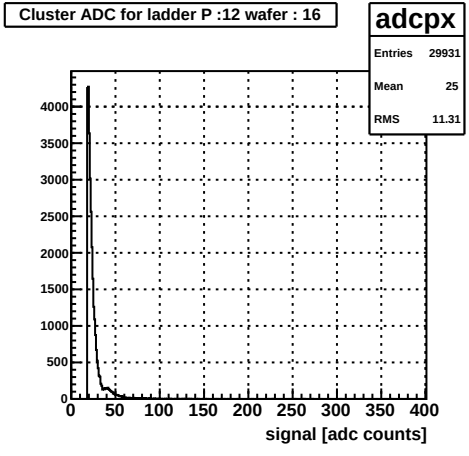

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 521
Mean 91.61
RMS 63.31
signal [adc counts]

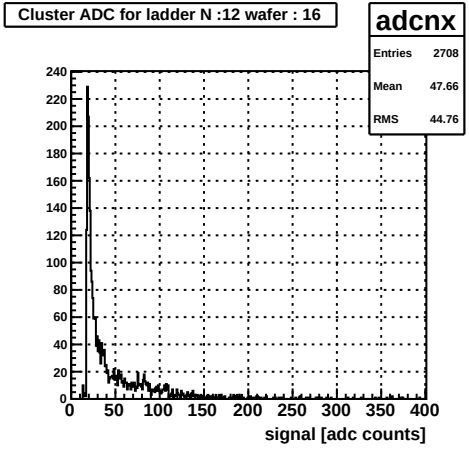

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 2874
Mean 35.69
RMS 45.3
signal [adc counts]

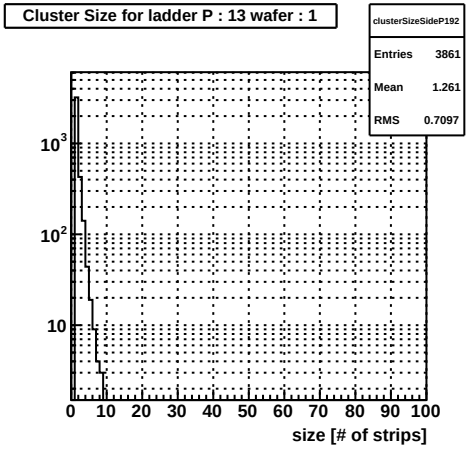

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 29931
Mean 1.06
RMS 0.2581
size [# of strips]

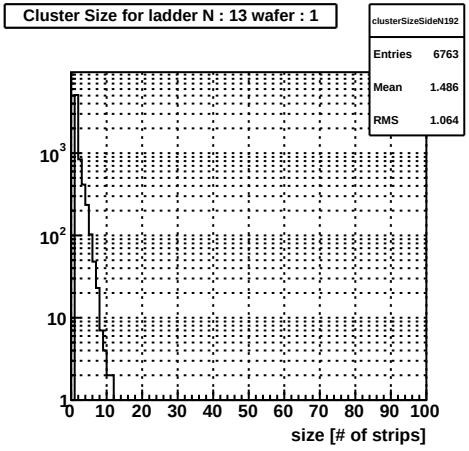

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 2708
Mean 1.469
RMS 0.8595
size [# of strips]

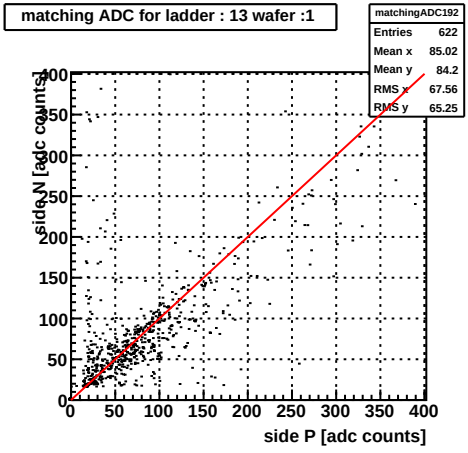

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 303
Mean x 45.65
Mean y 49.67
RMS x 51.05
RMS y 52.63
side N [adc counts]
side P [adc counts]

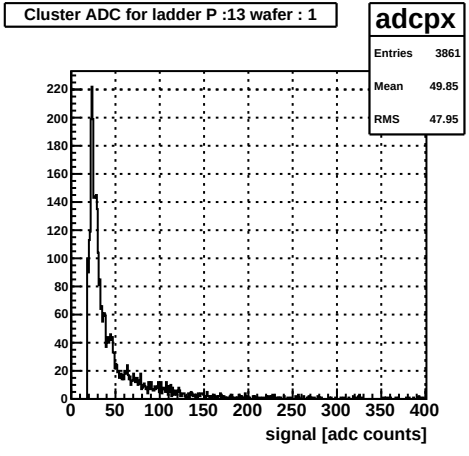

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 29931
Mean 25
RMS 11.31
signal [adc counts]

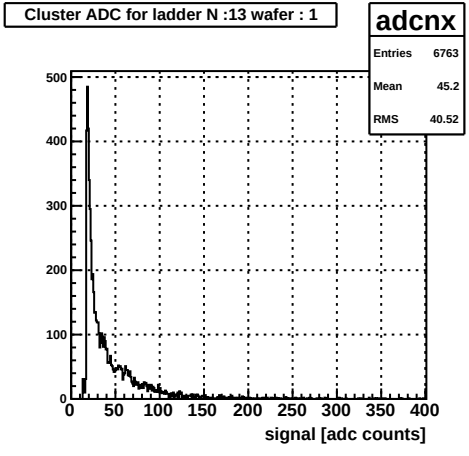

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 2708
Mean 47.66
RMS 44.76
signal [adc counts]

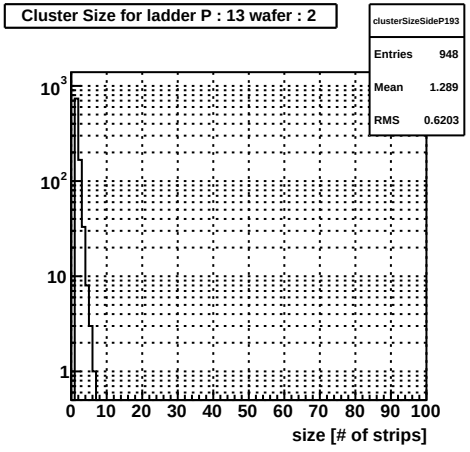

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 3861
Mean 1.261
RMS 0.7097
size [# of strips]

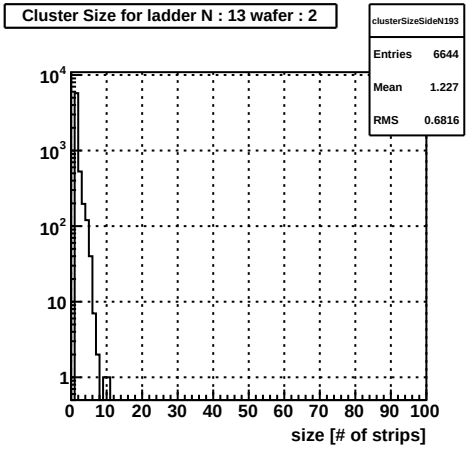

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 6763
Mean 1.486
RMS 1.064
size [# of strips]

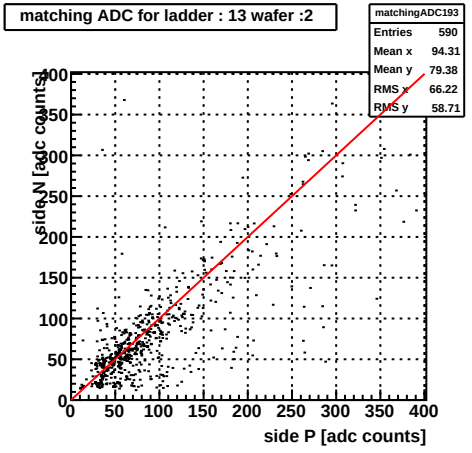

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 622
Mean x 85.02
Mean y 84.2
RMS x 67.56
RMS y 65.25
side N [adc counts]
side P [adc counts]

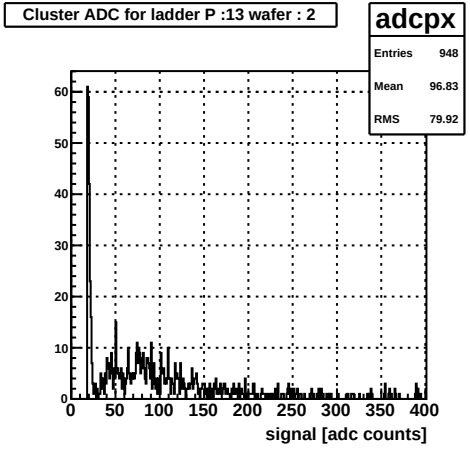

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 3861
Mean 49.85
RMS 47.95
signal [adc counts]

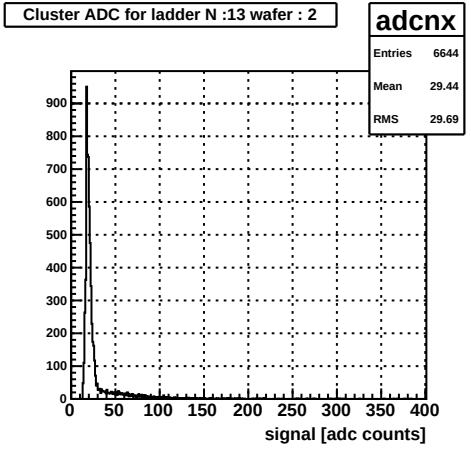

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 6763
Mean 45.2
RMS 40.52
signal [adc counts]

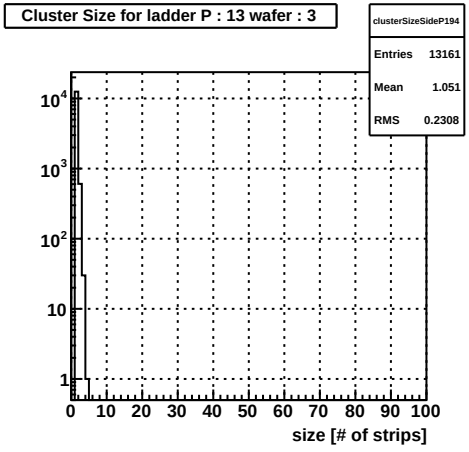

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 948
Mean 1.289
RMS 0.6203
size [# of strips]

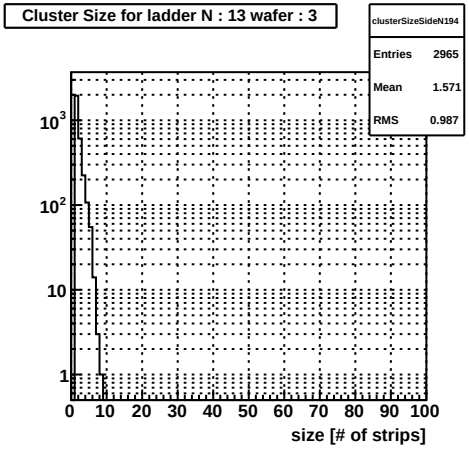

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 6644
Mean 1.227
RMS 0.6816
size [# of strips]

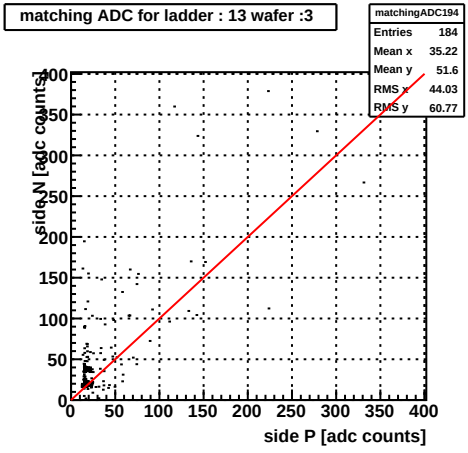

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 590
Mean x 94.31
Mean y 79.38
RMS x 66.22
RMS y 58.71
side N [adc counts]
side P [adc counts]

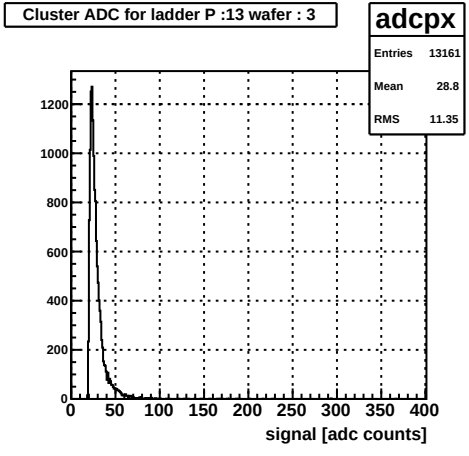

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 948
Mean 96.83
RMS 79.92
signal [adc counts]

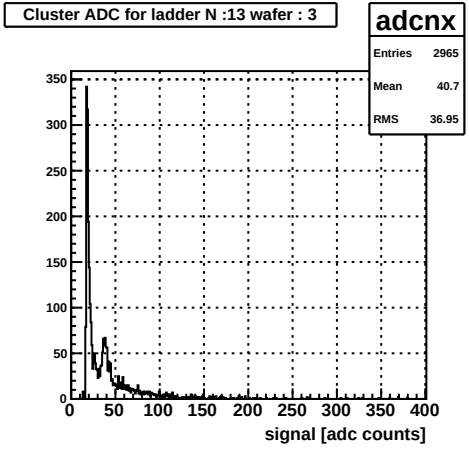

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 6644
Mean 29.44
RMS 29.69
signal [adc counts]

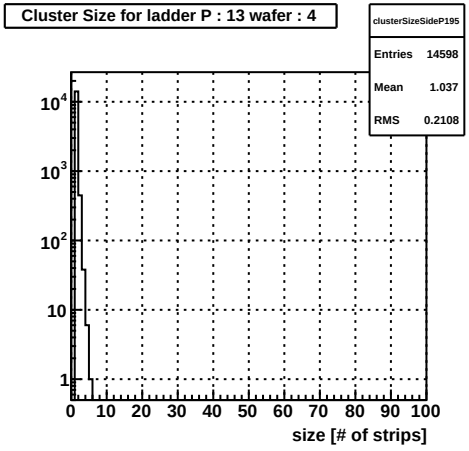

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 13161
Mean 1.051
RMS 0.2308
size [# of strips]

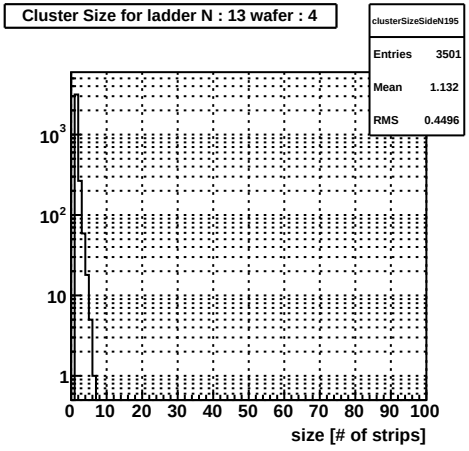

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 2965
Mean 1.571
RMS 0.987
size [# of strips]

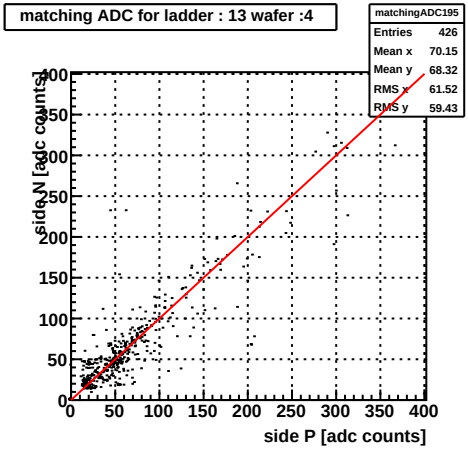

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 184
Mean x 35.22
Mean y 51.6
RMS x 44.03
RMS y 60.77
side N [adc counts]
side P [adc counts]

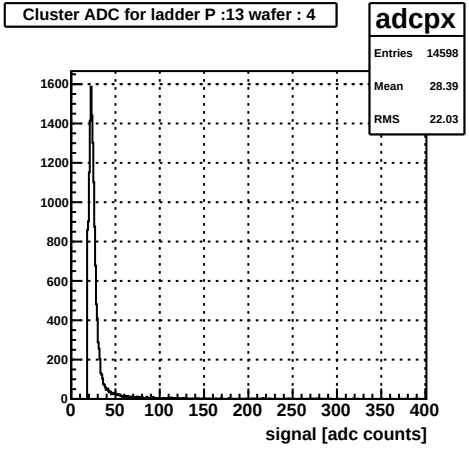

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 13161
Mean 28.8
RMS 11.35
signal [adc counts]

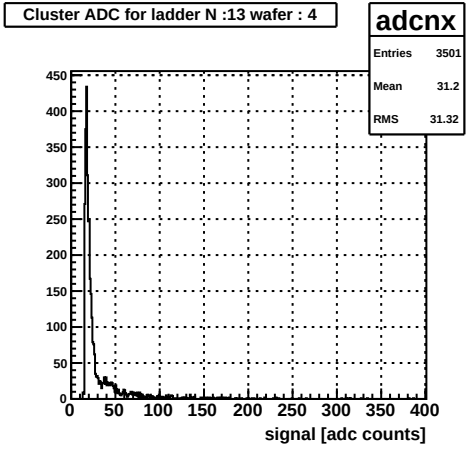

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 2965
Mean 40.7
RMS 36.95
signal [adc counts]

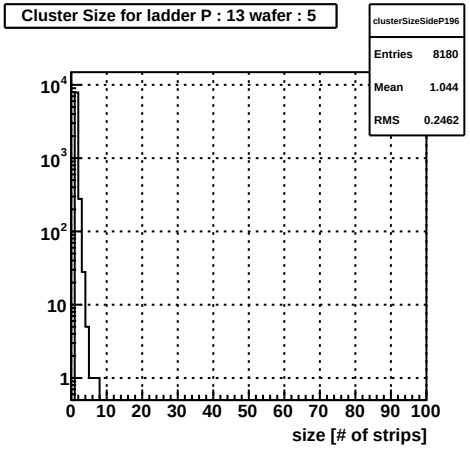

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 14598
Mean 1.037
RMS 0.2108
size [# of strips]

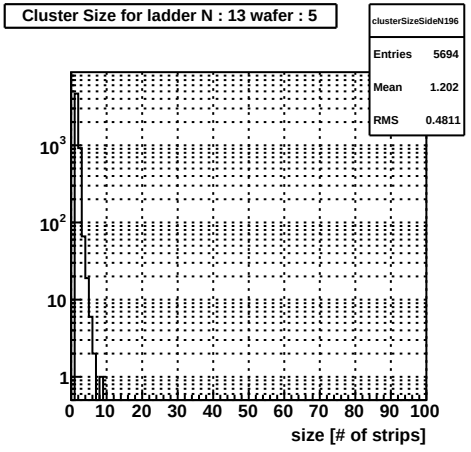

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 3501
Mean 1.132
RMS 0.4496
size [# of strips]

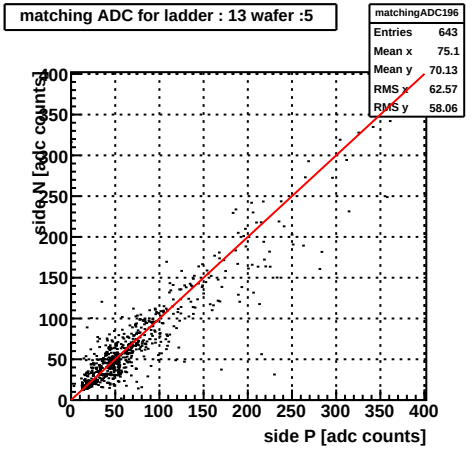

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 426
Mean x 70.15
Mean y 68.32
RMS x 61.52
RMS y 59.43
side N [adc counts]
side P [adc counts]

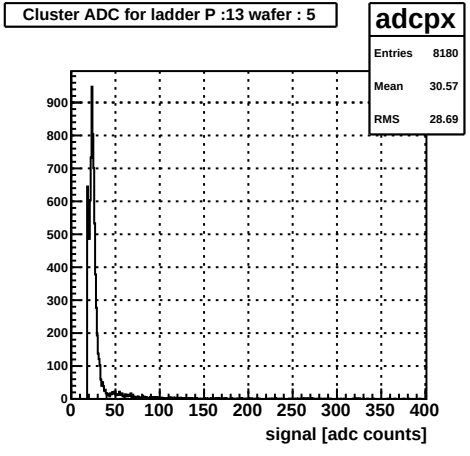

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 14598
Mean 28.39
RMS 22.03
signal [adc counts]

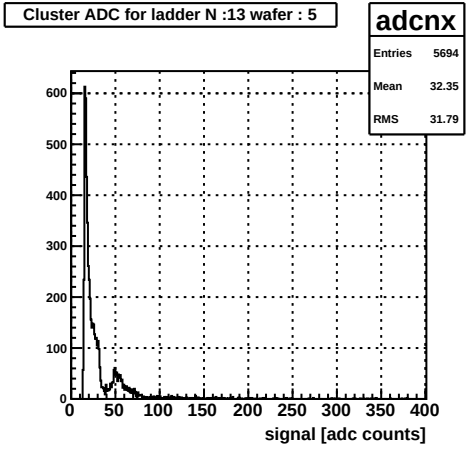

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 3501
Mean 31.2
RMS 31.32
signal [adc counts]

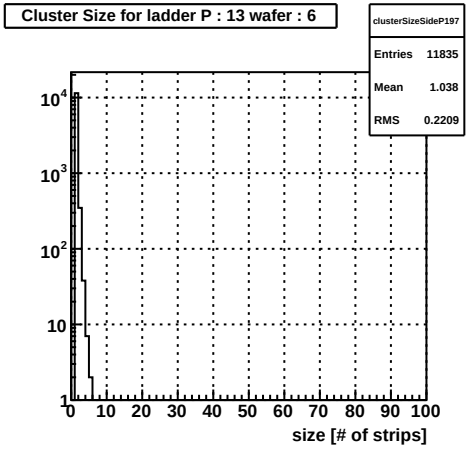

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 8180
Mean 1.044
RMS 0.2462
size [# of strips]

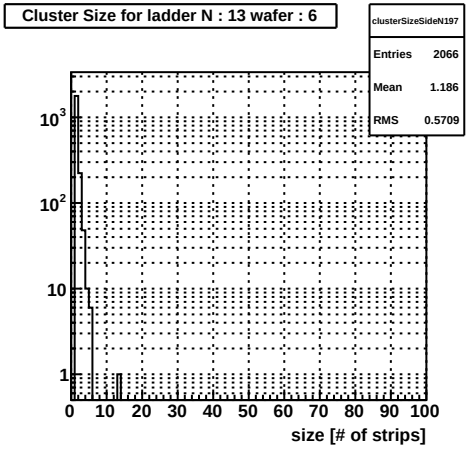

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 5694
Mean 1.202
RMS 0.4811
size [# of strips]

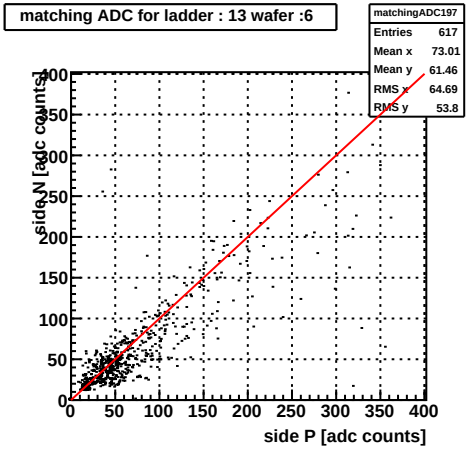

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 643
Mean x 75.1
Mean y 70.13
RMS x 62.57
RMS y 58.06
side N [adc counts]
side P [adc counts]

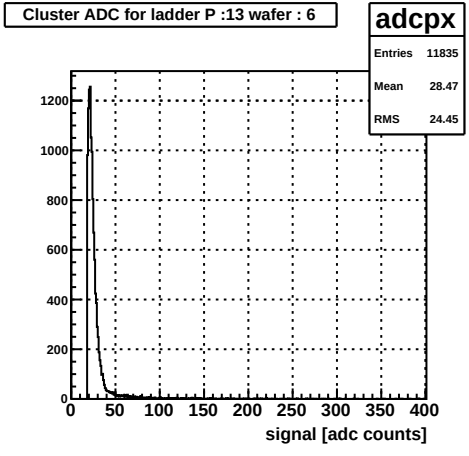

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 8180
Mean 30.57
RMS 28.69
signal [adc counts]

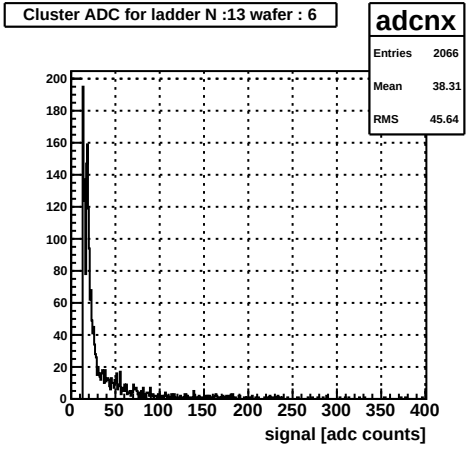

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 5694
Mean 32.35
RMS 31.79
signal [adc counts]

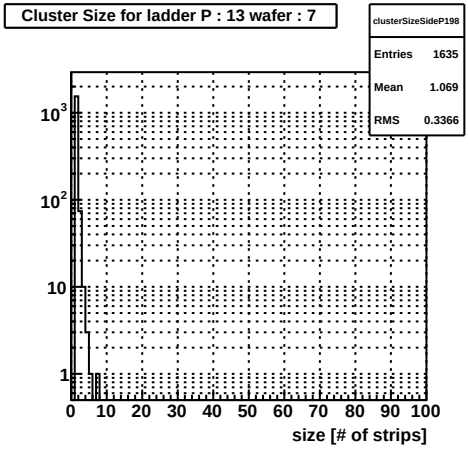

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 11835
Mean 1.038
RMS 0.2209
size [# of strips]

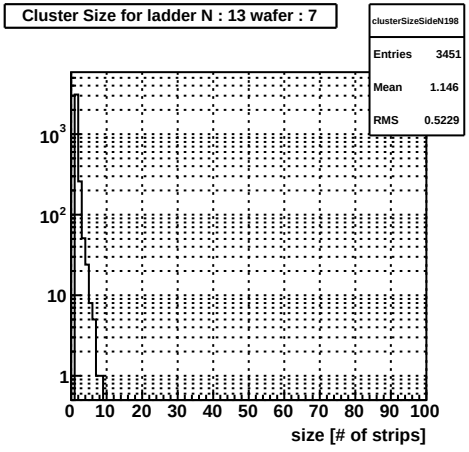

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 2066
Mean 1.186
RMS 0.5709
size [# of strips]

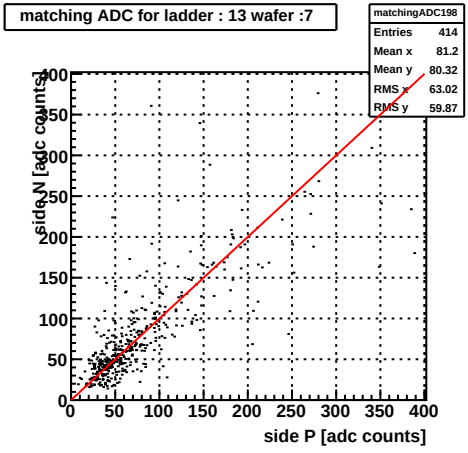

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 617
Mean x 73.01
Mean y 61.46
RMS x 64.69
RMS y 53.8
side N [adc counts]
side P [adc counts]

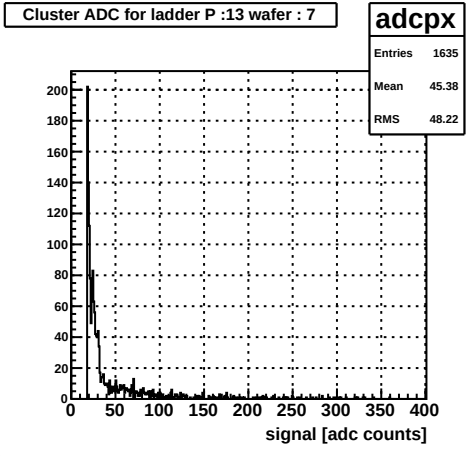

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 11835
Mean 28.47
RMS 24.45
signal [adc counts]

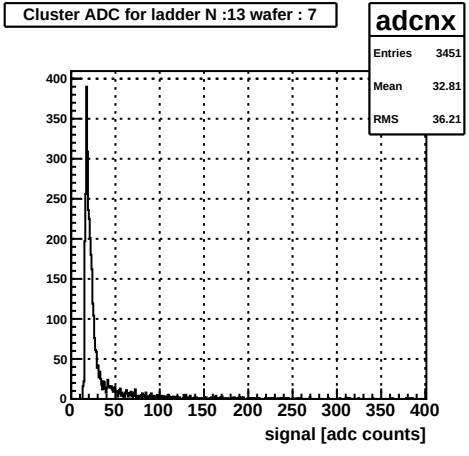

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 2066
Mean 38.31
RMS 45.64
signal [adc counts]

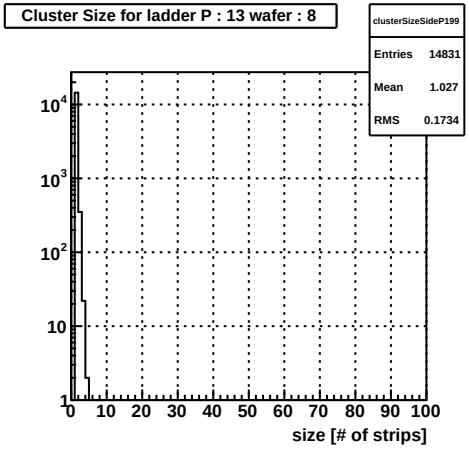

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 1635
Mean 1.069
RMS 0.3366
size [# of strips]

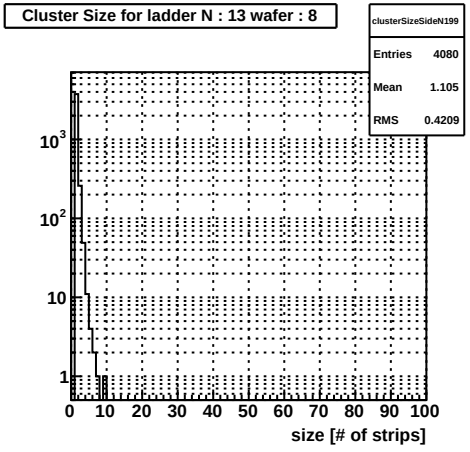

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 3451
Mean 1.146
RMS 0.5229
size [# of strips]

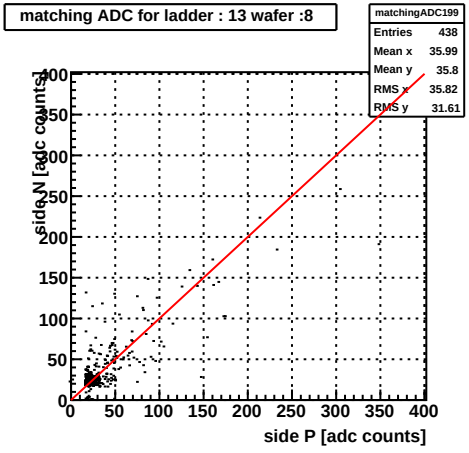

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 414
Mean x 81.2
Mean y 80.32
RMS x 63.02
RMS y 59.87
side N [adc counts]
side P [adc counts]

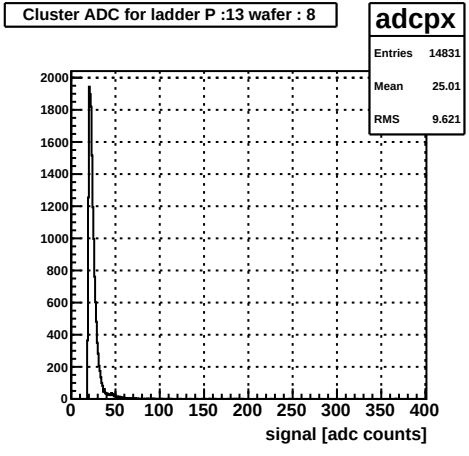

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 1635
Mean 45.38
RMS 48.22
signal [adc counts]

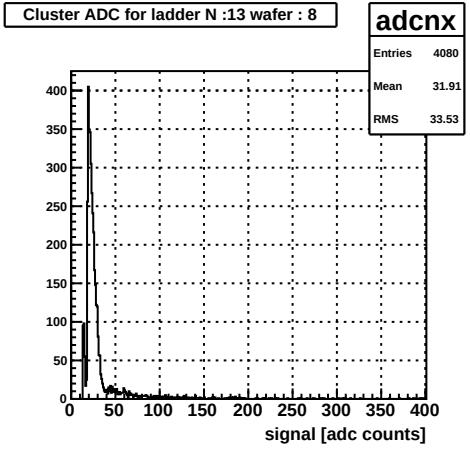

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 3451
Mean 32.81
RMS 36.21
signal [adc counts]

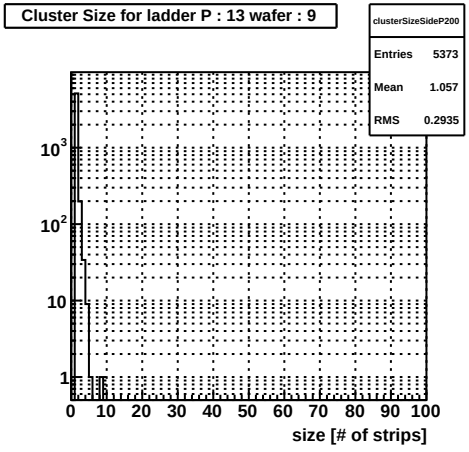

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 14831
Mean 1.027
RMS 0.1734
size [# of strips]

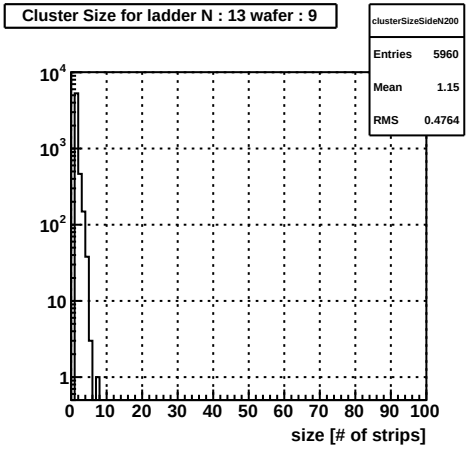

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 4080
Mean 1.105
RMS 0.4209
size [# of strips]

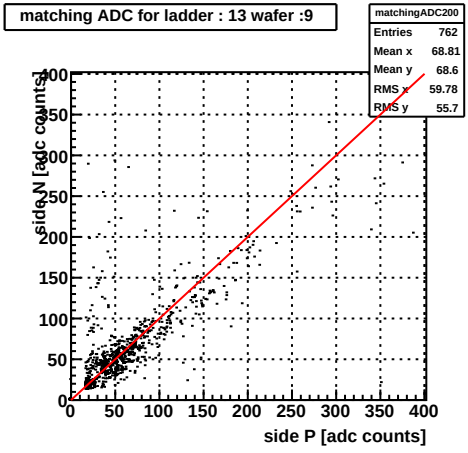

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 438
Mean x 35.99
Mean y 35.8
RMS x 35.82
RMS y 31.61
side N [adc counts]
side P [adc counts]

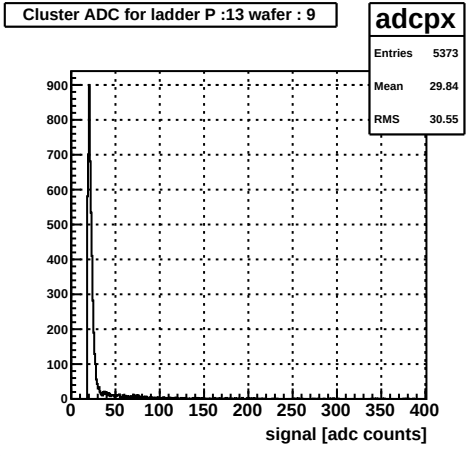

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 14831
Mean 25.01
RMS 9.621
signal [adc counts]

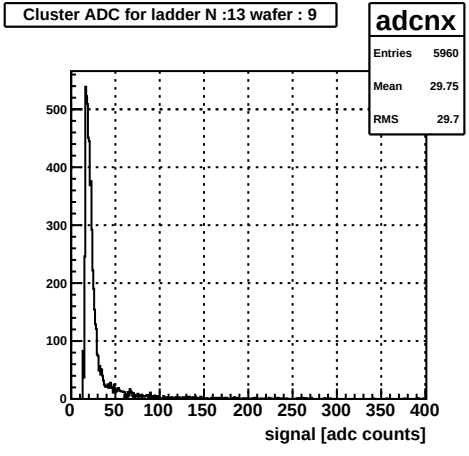

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 4080
Mean 31.91
RMS 33.53
signal [adc counts]

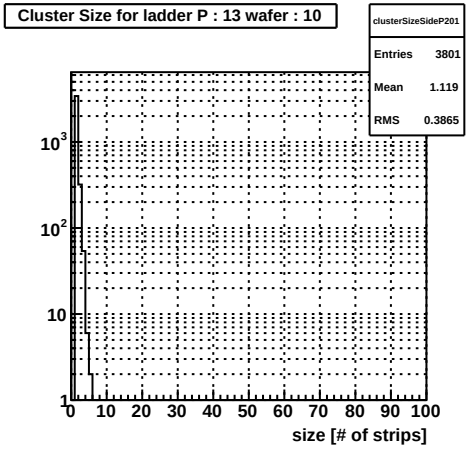

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 5373
Mean 1.057
RMS 0.2935
size [# of strips]

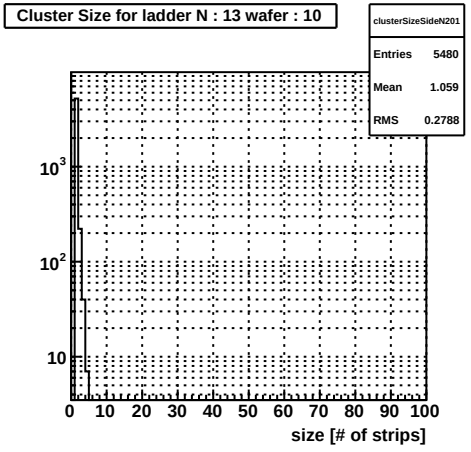

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 5960
Mean 1.15
RMS 0.4764
size [# of strips]

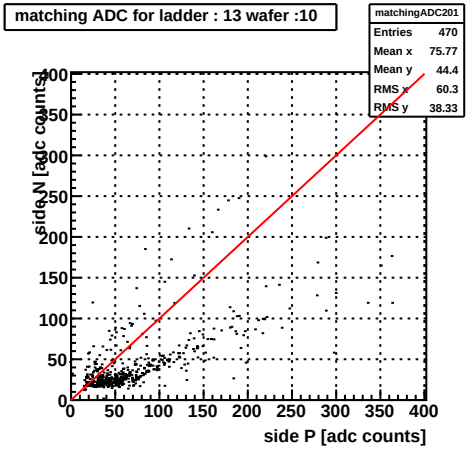

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 762
Mean x 68.81
Mean y 68.6
RMS x 59.78
RMS y 55.7
side N [adc counts]
side P [adc counts]

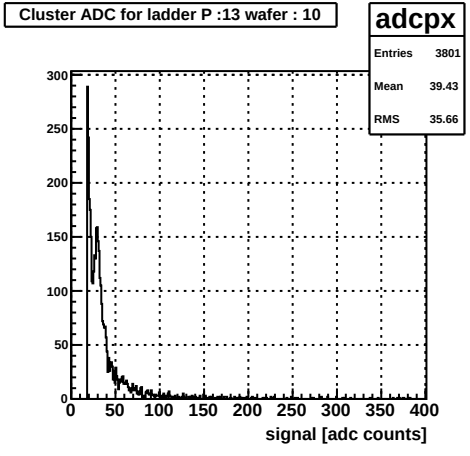

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 5373
Mean 29.84
RMS 30.55
signal [adc counts]

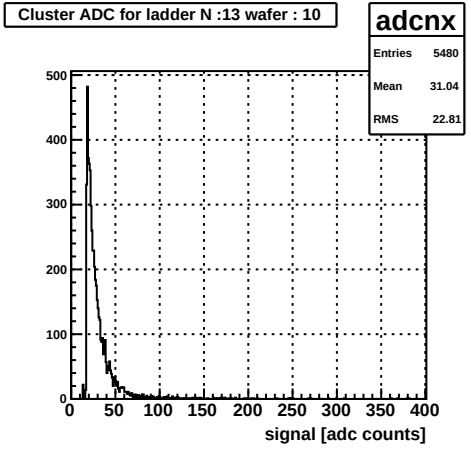

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 5960
Mean 29.75
RMS 29.7
signal [adc counts]

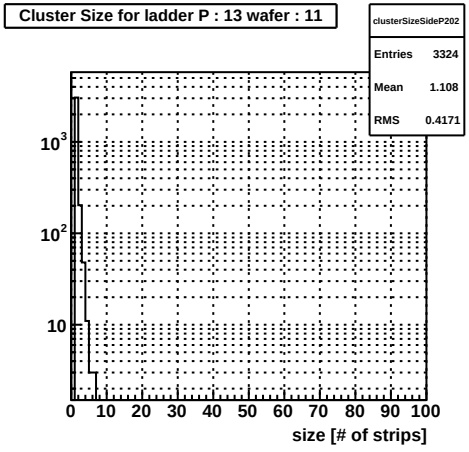

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 3801
Mean 1.119
RMS 0.3865
size [# of strips]

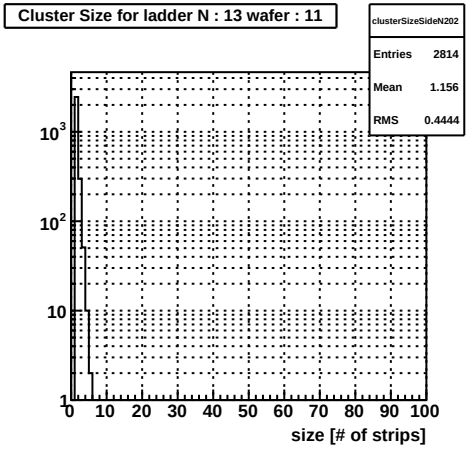

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 5480
Mean 1.059
RMS 0.2788
size [# of strips]

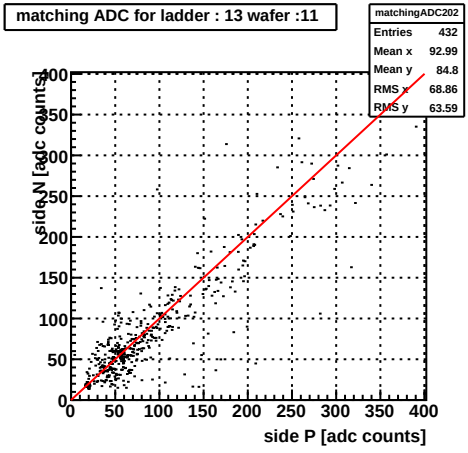

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 470
Mean x 75.77
Mean y 44.4
RMS x 60.3
RMS y 38.33
side N [adc counts]
side P [adc counts]

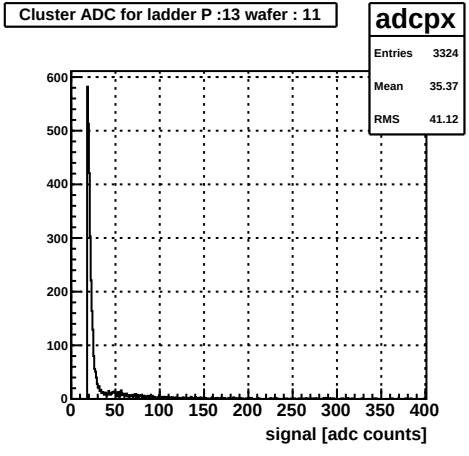

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 3801
Mean 39.43
RMS 35.66
signal [adc counts]

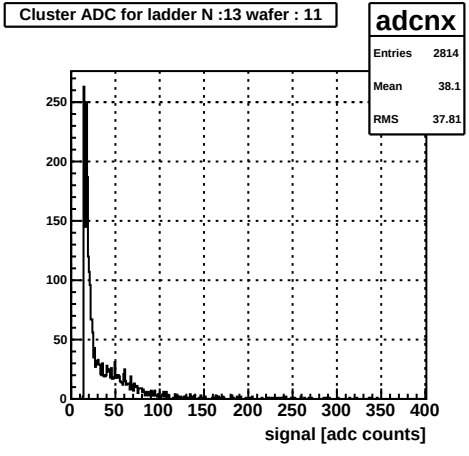

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 5480
Mean 31.04
RMS 22.81
signal [adc counts]

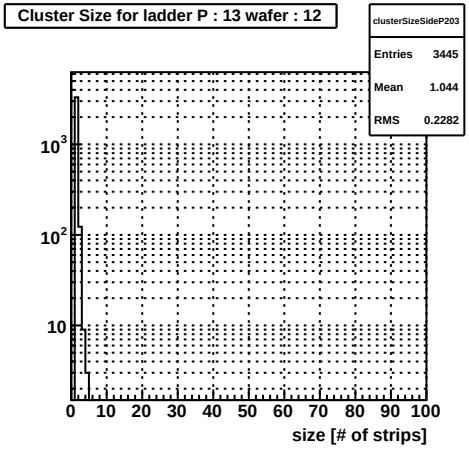

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 3324
Mean 1.108
RMS 0.4171
size [# of strips]

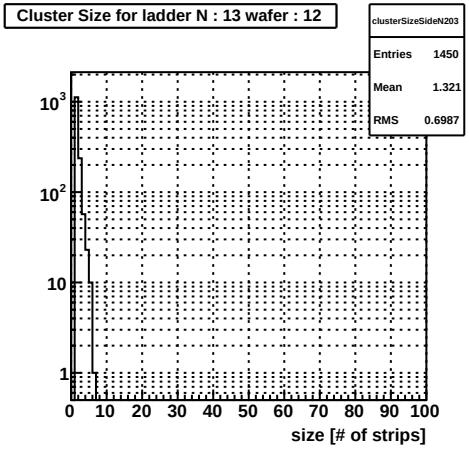

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 2814
Mean 1.156
RMS 0.4444
size [# of strips]

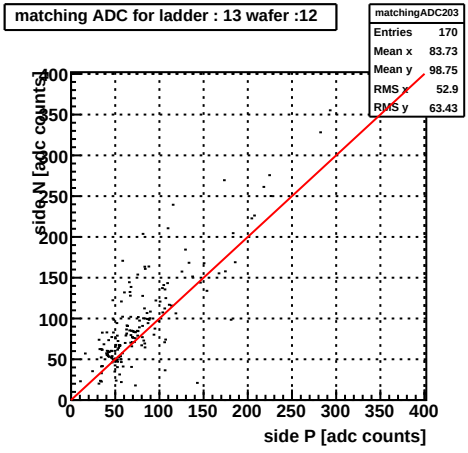

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 432
Mean x 92.99
Mean y 84.8
RMS x 68.86
RMS y 63.59
side N [adc counts]
side P [adc counts]

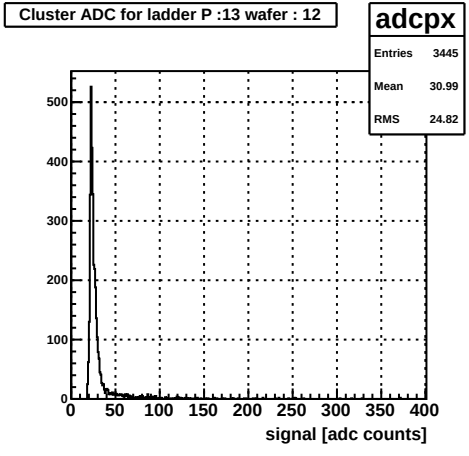

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 3324
Mean 35.37
RMS 41.12
signal [adc counts]

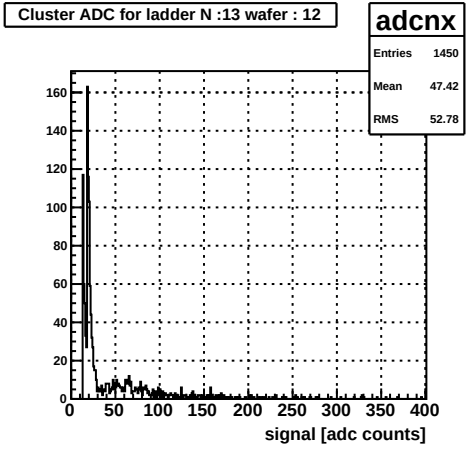

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 2814
Mean 38.1
RMS 37.81
signal [adc counts]

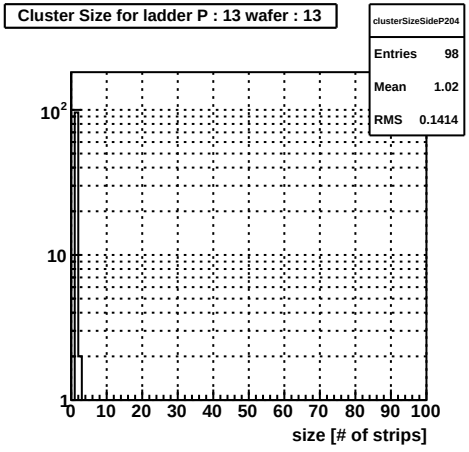

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 3445
Mean 1.044
RMS 0.2282
size [# of strips]

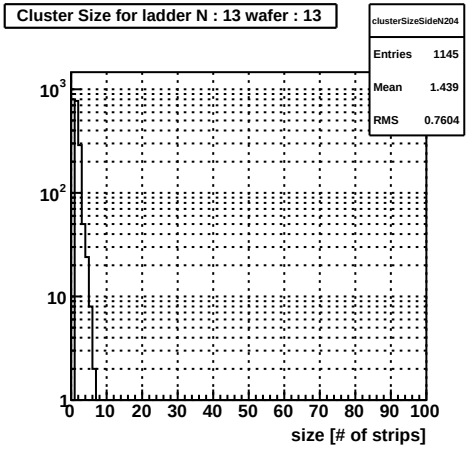

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 1450
Mean 1.321
RMS 0.6987
size [# of strips]

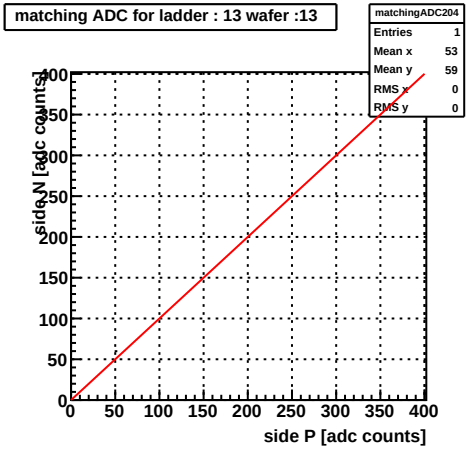

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 170
Mean x 83.73
Mean y 98.75
RMS x 52.9
RMS y 63.43
side N [adc counts]
side P [adc counts]

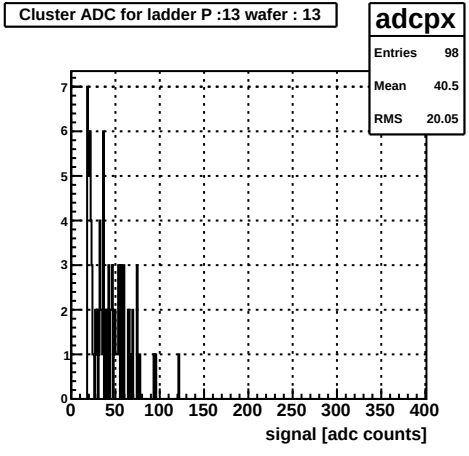

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 3445
Mean 30.99
RMS 24.82
signal [adc counts]

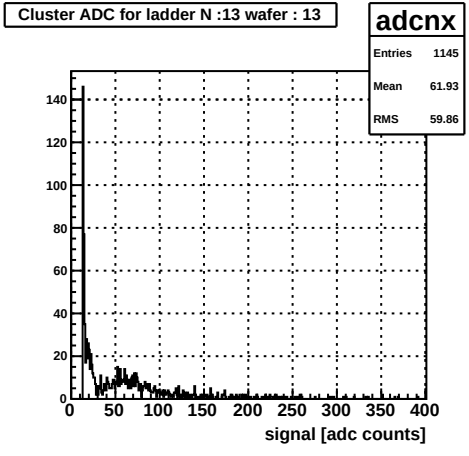

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 1450
Mean 47.42
RMS 52.78
signal [adc counts]

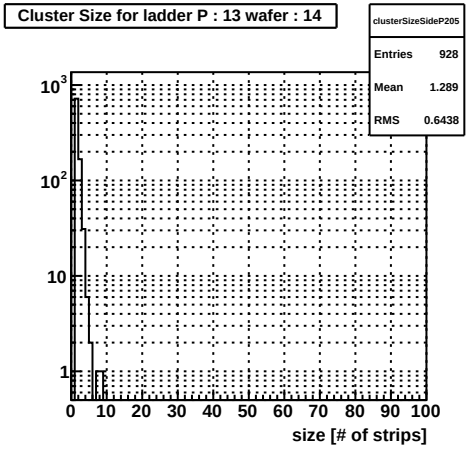

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 98
Mean 1.02
RMS 0.1414
size [# of strips]

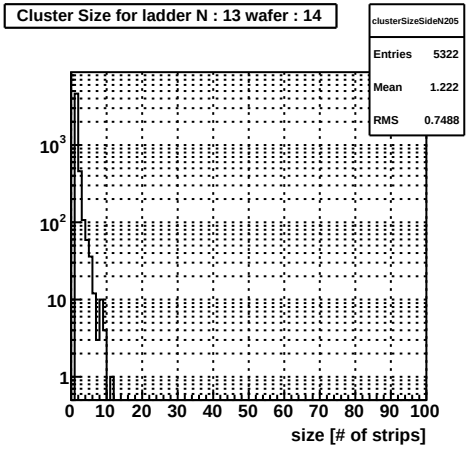

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 1145
Mean 1.439
RMS 0.7604
size [# of strips]

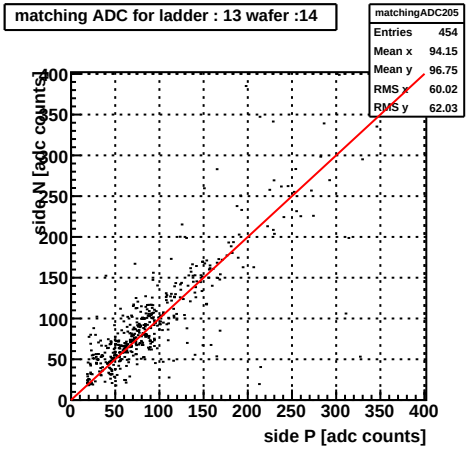

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 1
Mean x 53
Mean y 59
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

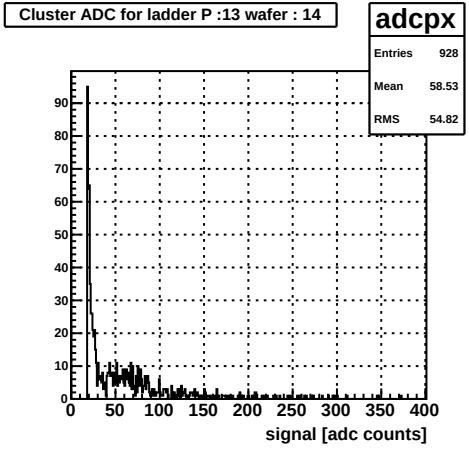

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 98
Mean 40.5
RMS 20.05
signal [adc counts]

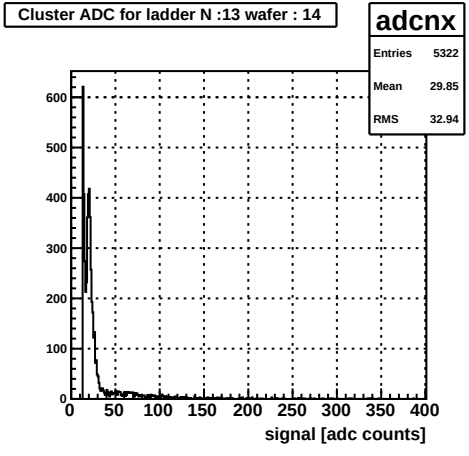

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 1145
Mean 61.93
RMS 59.86
signal [adc counts]

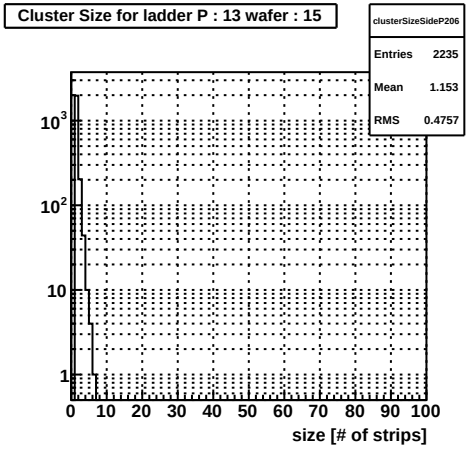

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 928
Mean 1.289
RMS 0.6438
size [# of strips]

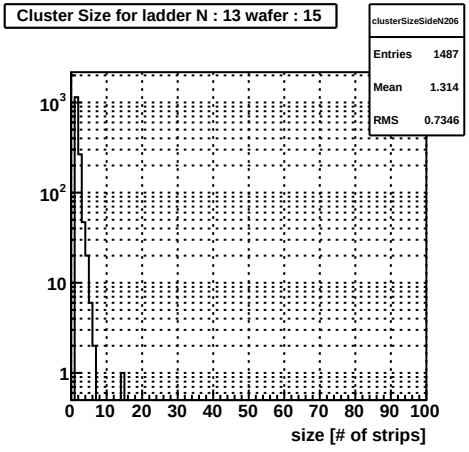

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 5322
Mean 1.222
RMS 0.7488
size [# of strips]

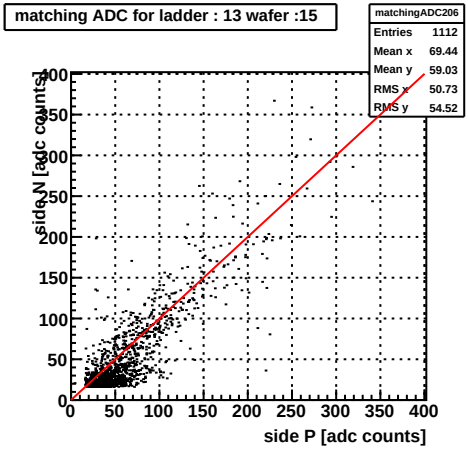

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 454
Mean x 94.15
Mean y 96.75
RMS x 60.02
RMS y 62.03
side N [adc counts]
side P [adc counts]

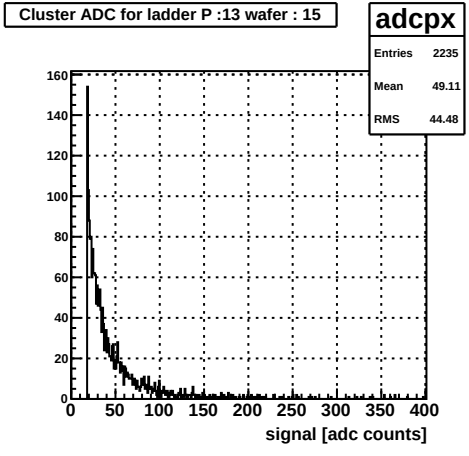

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 928
Mean 58.53
RMS 54.82
signal [adc counts]

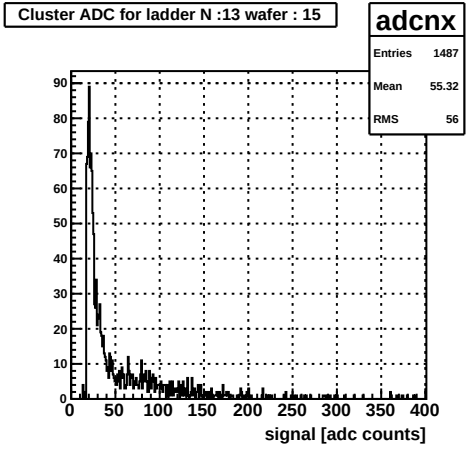

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 5322
Mean 29.85
RMS 32.94
signal [adc counts]

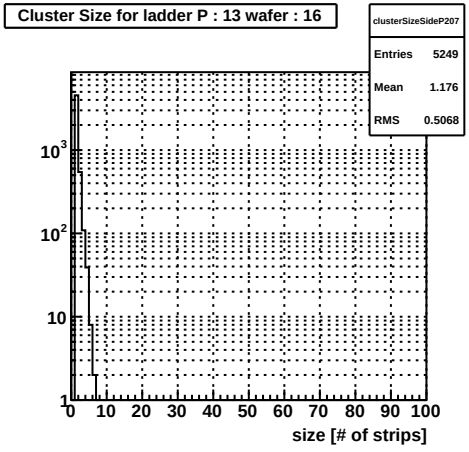

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 2235
Mean 1.153
RMS 0.4757
size [# of strips]

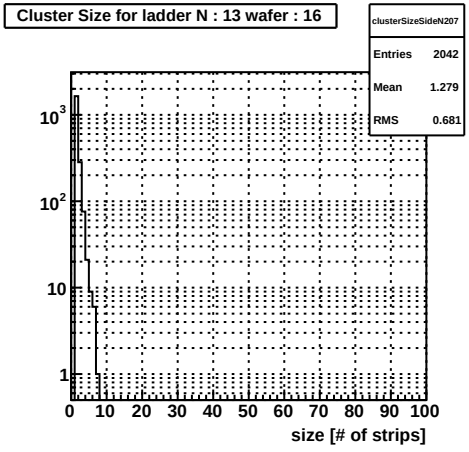

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 1487
Mean 1.314
RMS 0.7346
size [# of strips]

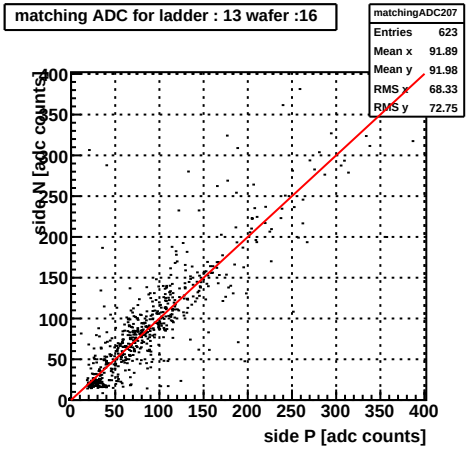

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 1112
Mean x 69.44
Mean y 59.03
RMS x 50.73
RMS y 54.52
side N [adc counts]
side P [adc counts]

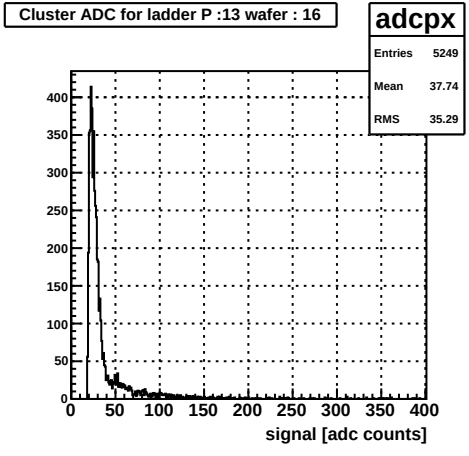

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 2235
Mean 49.11
RMS 44.48
signal [adc counts]

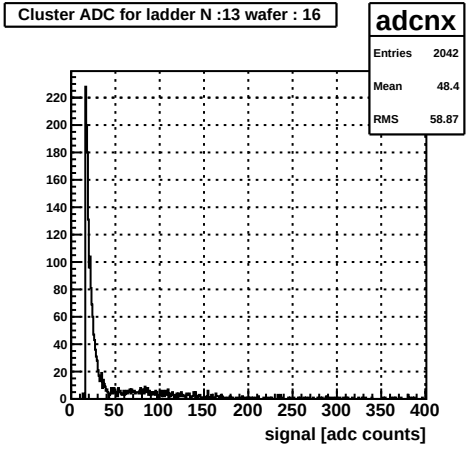

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 1487
Mean 55.32
RMS 56
signal [adc counts]

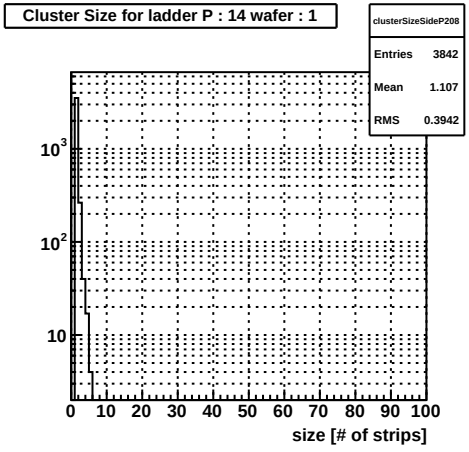

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 5249
Mean 1.176
RMS 0.5068
size [# of strips]

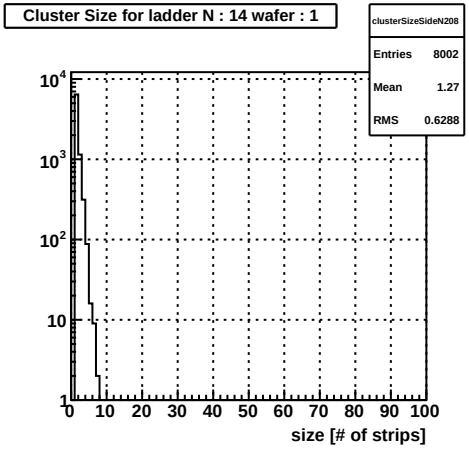

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 2042
Mean 1.279
RMS 0.681
size [# of strips]

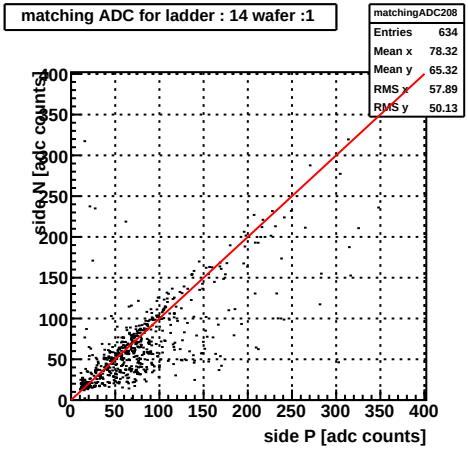

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 623
Mean x 91.89
Mean y 91.98
RMS x 68.33
RMS y 72.75
side N [adc counts]
side P [adc counts]

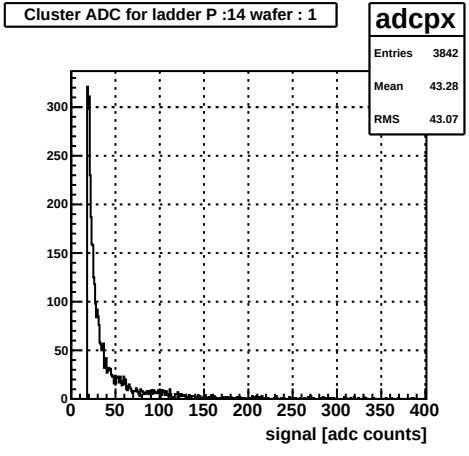

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 5249
Mean 37.74
RMS 35.29
signal [adc counts]

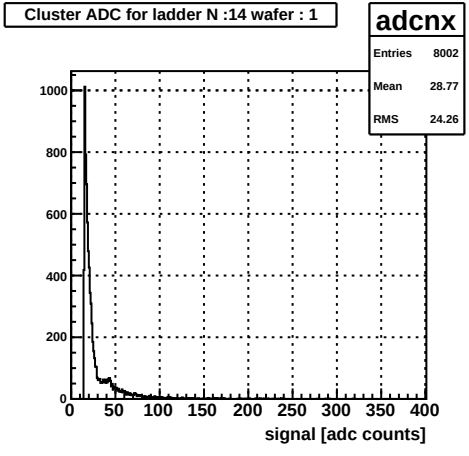

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 2042
Mean 48.4
RMS 58.87
signal [adc counts]

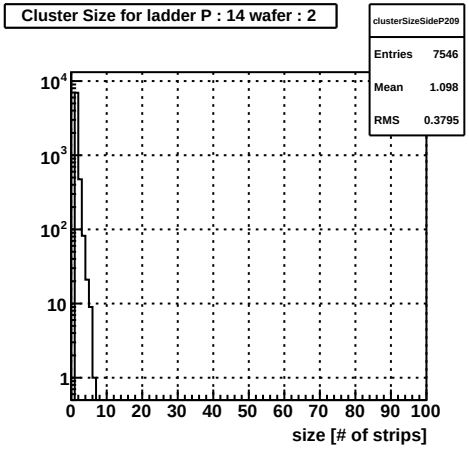

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 3842
Mean 1.107
RMS 0.3942
size [# of strips]

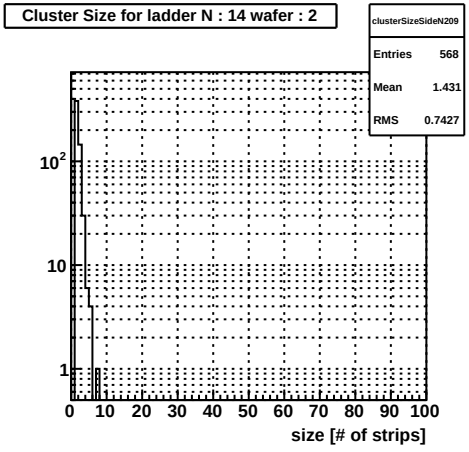

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 8002
Mean 1.27
RMS 0.6288
size [# of strips]

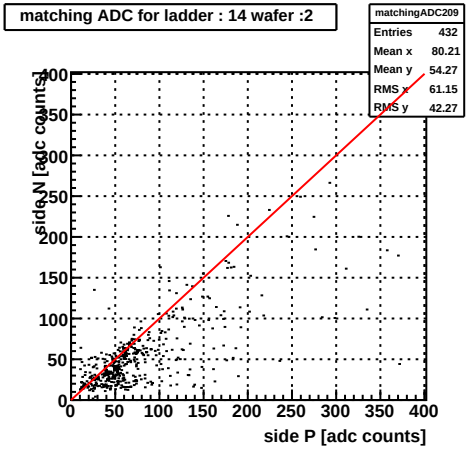

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 634
Mean x 78.32
Mean y 65.32
RMS x 57.89
RMS y 50.13
side N [adc counts]
side P [adc counts]

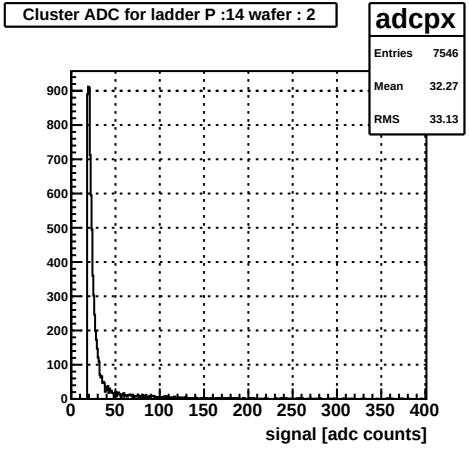

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 3842
Mean 43.28
RMS 43.07
signal [adc counts]

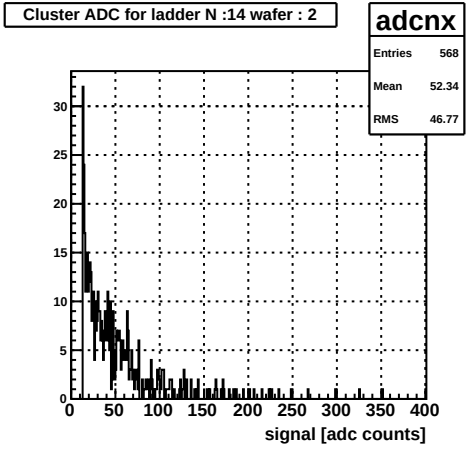

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 8002
Mean 28.77
RMS 24.26
signal [adc counts]

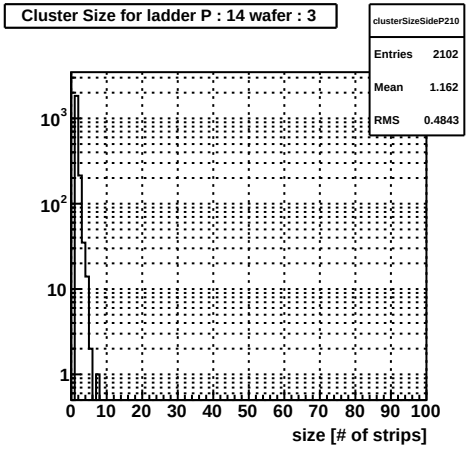

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 7546
Mean 1.098
RMS 0.3795
size [# of strips]

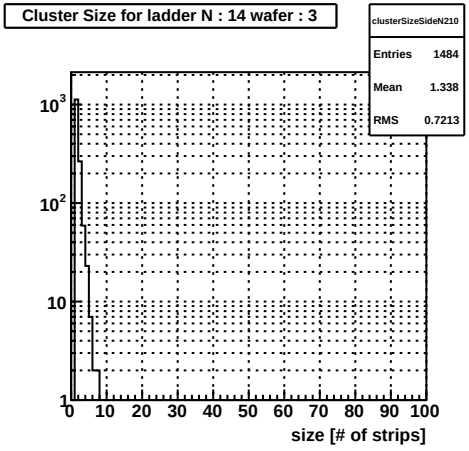

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 568
Mean 1.431
RMS 0.7427
size [# of strips]

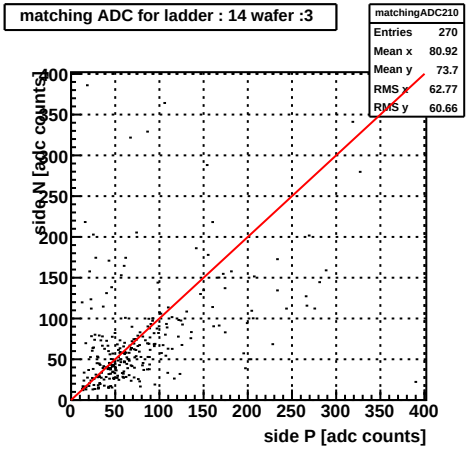

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 432
Mean x 80.21
Mean y 54.27
RMS x 61.15
RMS y 42.27
side N [adc counts]
side P [adc counts]

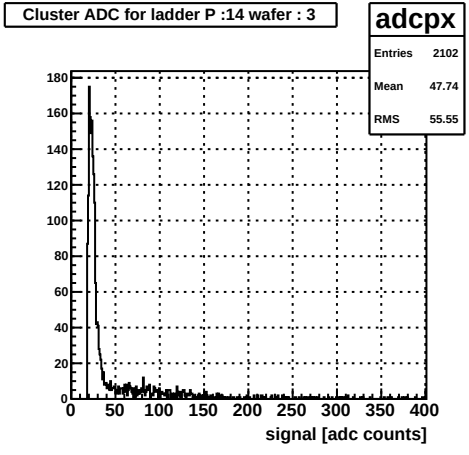

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 7546
Mean 32.27
RMS 33.13
signal [adc counts]

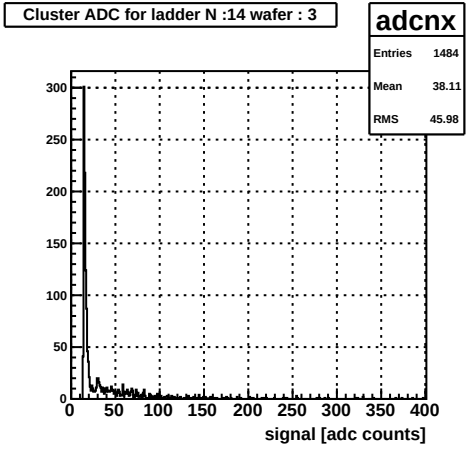

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 568
Mean 52.34
RMS 46.77
signal [adc counts]

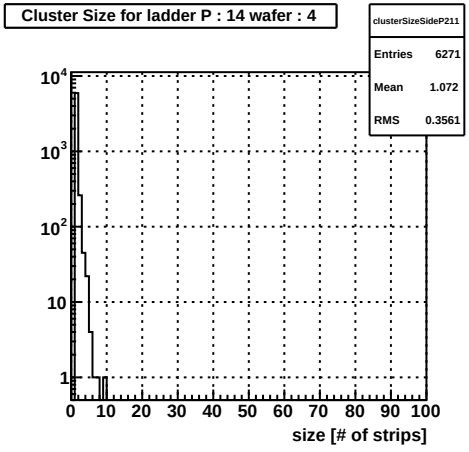

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 2102
Mean 1.162
RMS 0.4843
size [# of strips]

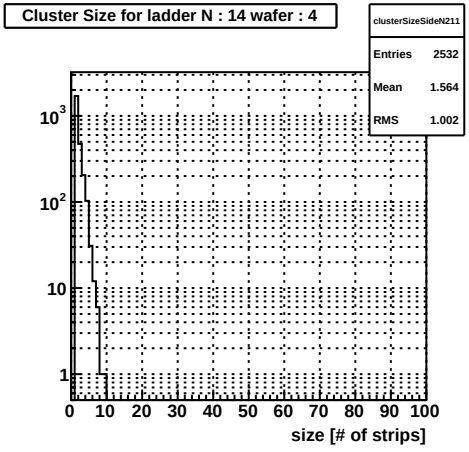

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 1484
Mean 1.338
RMS 0.7213
size [# of strips]

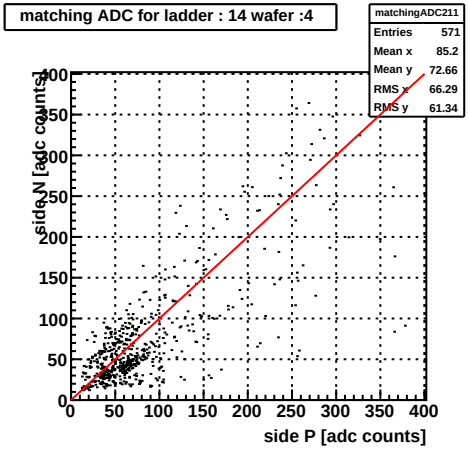

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 270
Mean x 80.92
Mean y 73.7
RMS x 62.77
RMS y 60.66
side N [adc counts]
side P [adc counts]

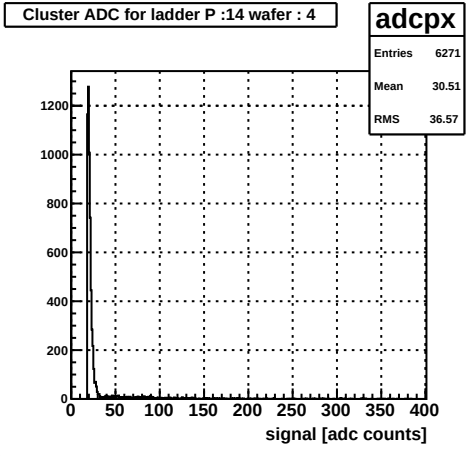

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 2102
Mean 47.74
RMS 55.55
signal [adc counts]

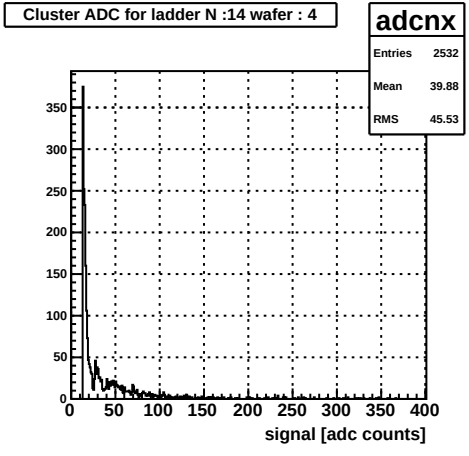

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 1484
Mean 38.11
RMS 45.98
signal [adc counts]

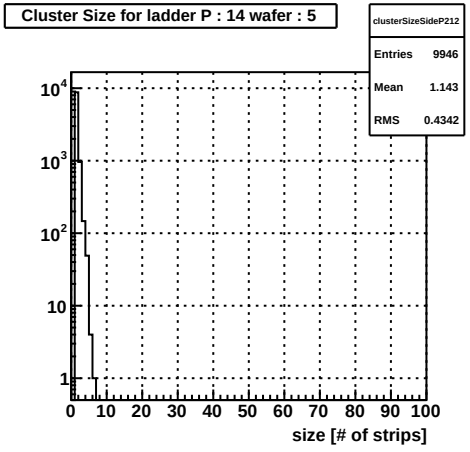

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 6271
Mean 1.072
RMS 0.3561
size [# of strips]

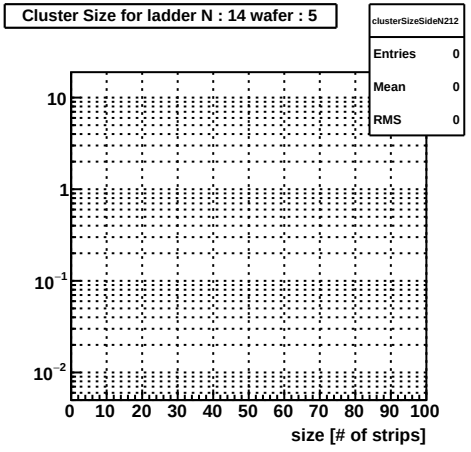

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 2532
Mean 1.564
RMS 1.002
size [# of strips]

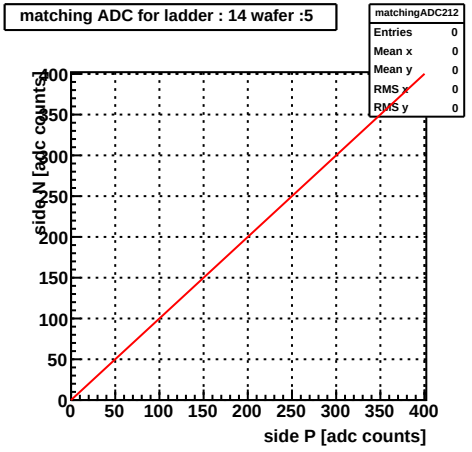

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 571
Mean x 85.2
Mean y 72.66
RMS x 66.29
RMS y 61.34
side N [adc counts]
side P [adc counts]

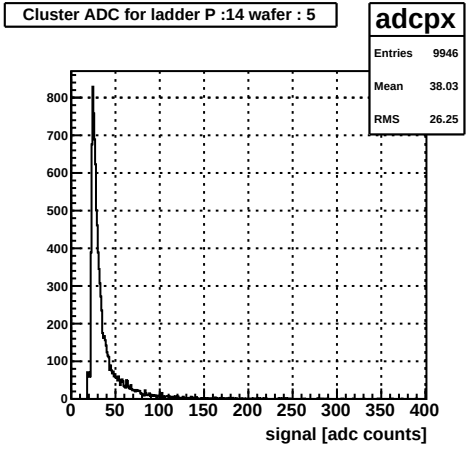

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 6271
Mean 30.51
RMS 36.57
signal [adc counts]

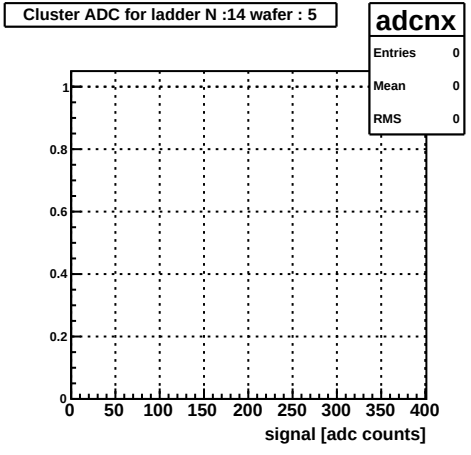

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 2532
Mean 39.88
RMS 45.53
signal [adc counts]

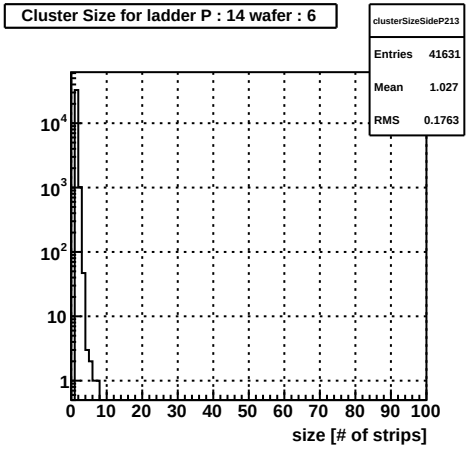

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 9946
Mean 1.143
RMS 0.4342
size [# of strips]

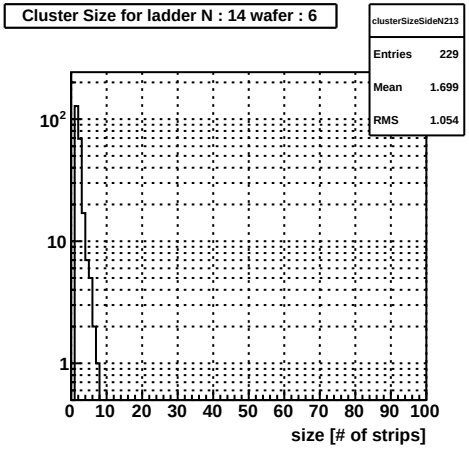

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

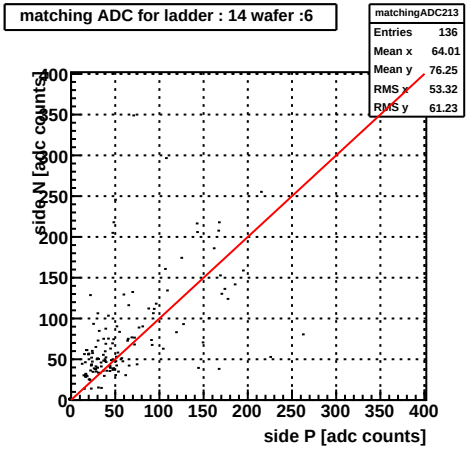

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

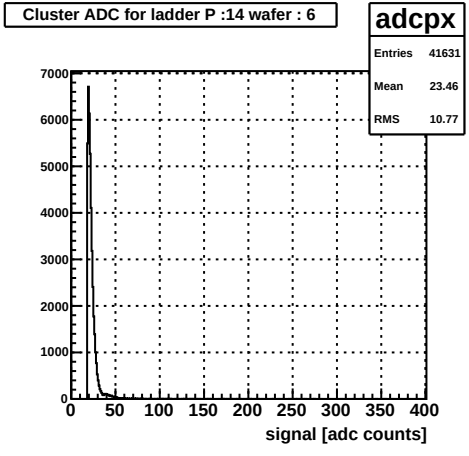

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 9946
Mean 38.03
RMS 26.25
signal [adc counts]

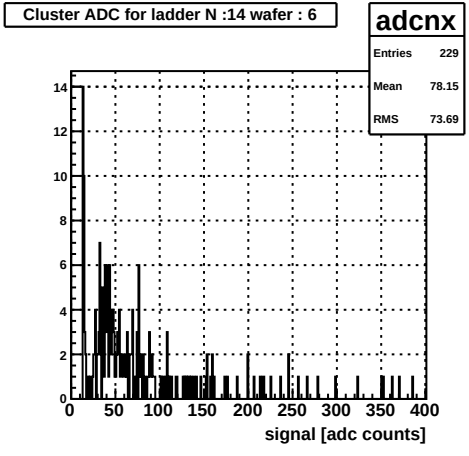

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

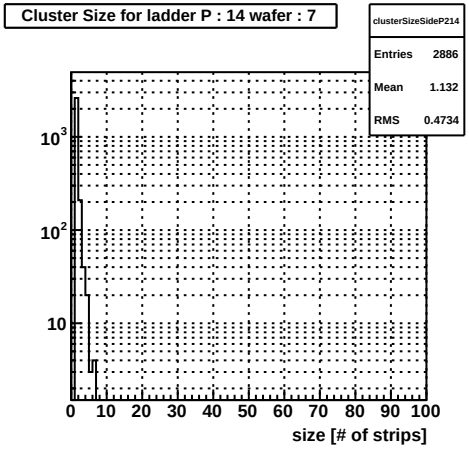

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 41631
Mean 1.027
RMS 0.1763
size [# of strips]

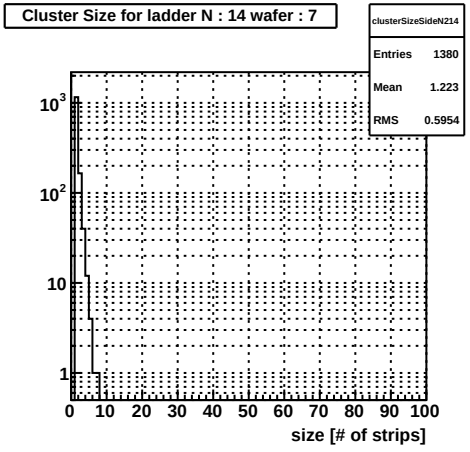

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 229
Mean 1.699
RMS 1.054
size [# of strips]

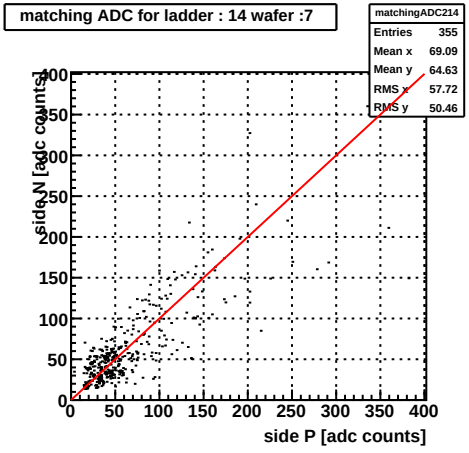

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 136
Mean x 64.01
Mean y 76.25
RMS x 53.32
RMS y 61.23
side N [adc counts]
side P [adc counts]

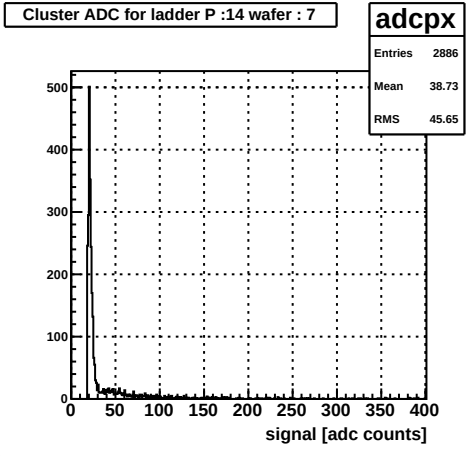

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 41631
Mean 23.46
RMS 10.77
signal [adc counts]

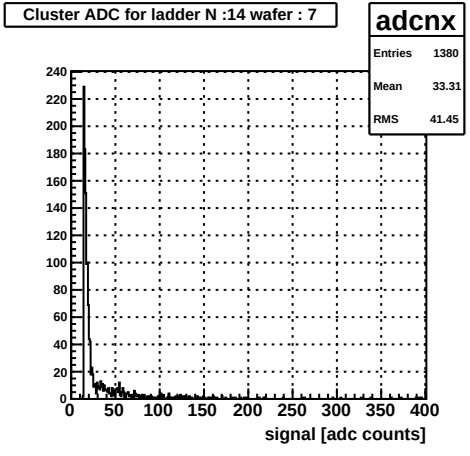

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 229
Mean 78.15
RMS 73.69
signal [adc counts]

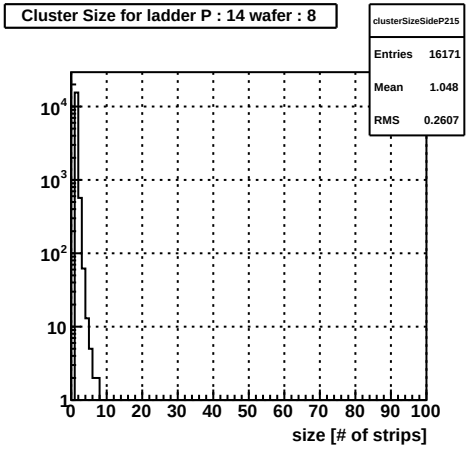

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 2886
Mean 1.132
RMS 0.4734
size [# of strips]

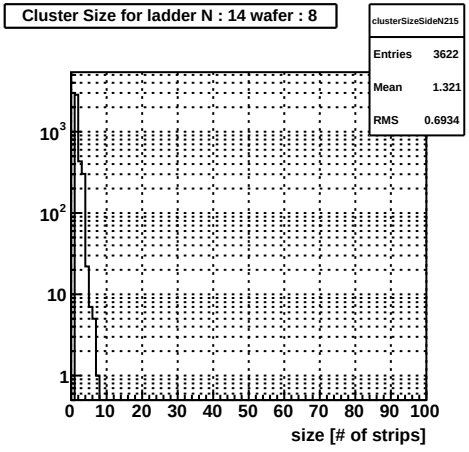

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 1380
Mean 1.223
RMS 0.5954
size [# of strips]

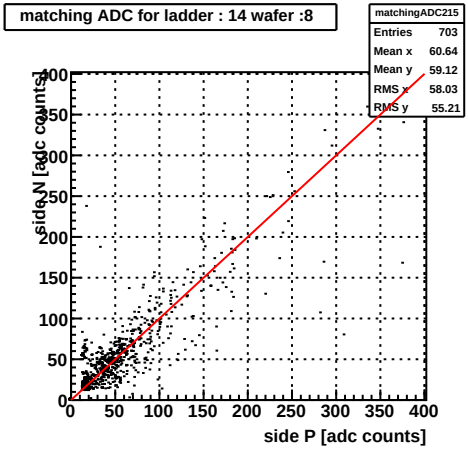

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 355
Mean x 69.09
Mean y 64.63
RMS x 57.72
RMS y 50.46
side N [adc counts]
side P [adc counts]

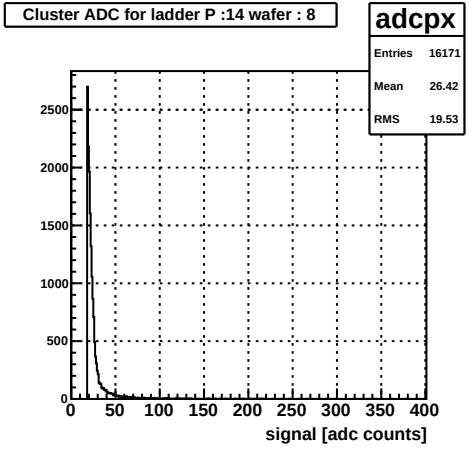

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 2886
Mean 38.73
RMS 45.65
signal [adc counts]

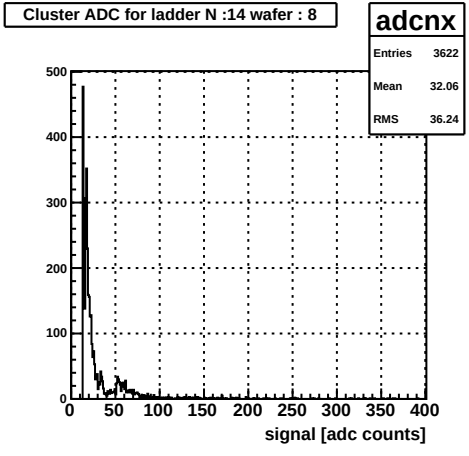

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 1380
Mean 33.31
RMS 41.45
signal [adc counts]

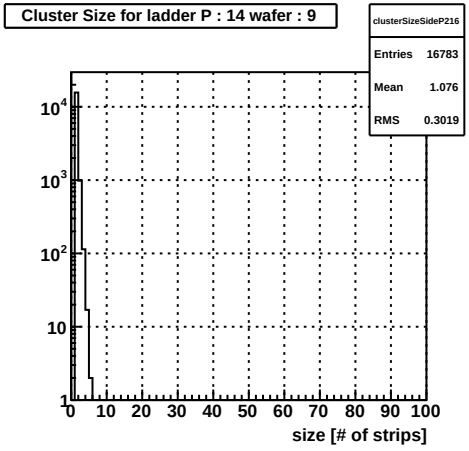

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 16171
Mean 1.048
RMS 0.2607
size [# of strips]

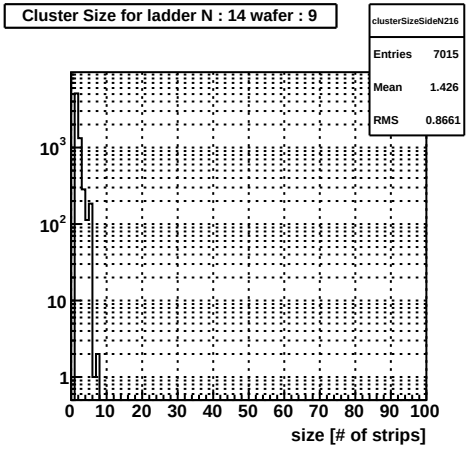

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 3622
Mean 1.321
RMS 0.6934
size [# of strips]

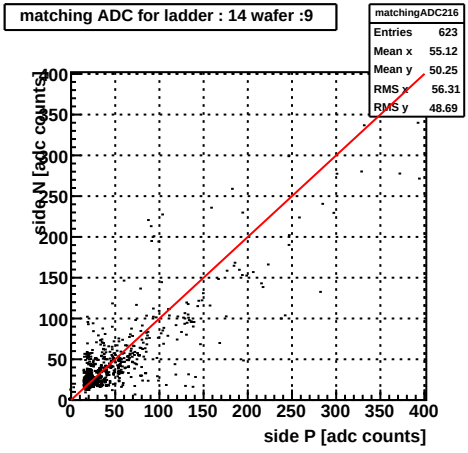

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 703
Mean x 60.64
Mean y 59.12
RMS x 58.03
RMS y 55.21
side N [adc counts]
side P [adc counts]

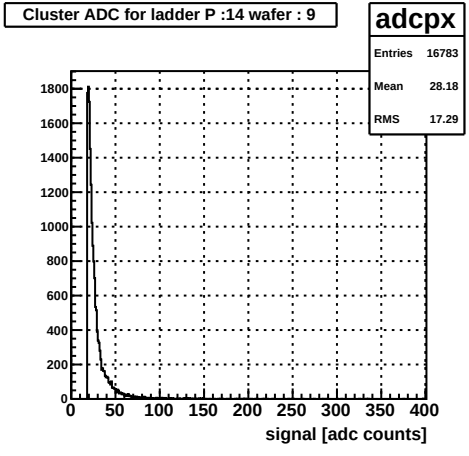

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 16171
Mean 26.42
RMS 19.53
signal [adc counts]

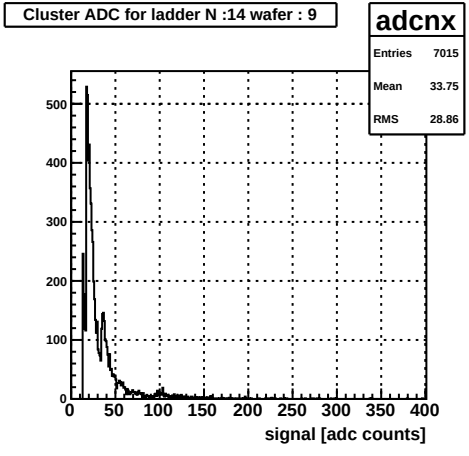

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 3622
Mean 32.06
RMS 36.24
signal [adc counts]

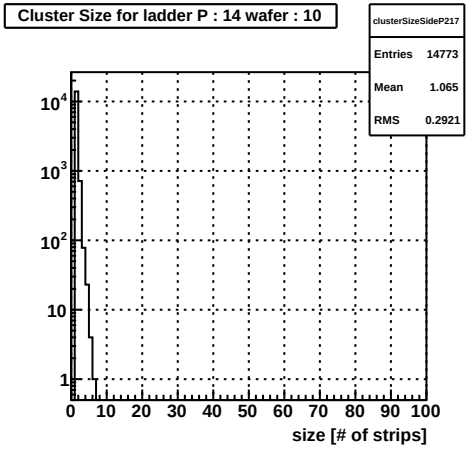

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 16783
Mean 1.076
RMS 0.3019
size [# of strips]

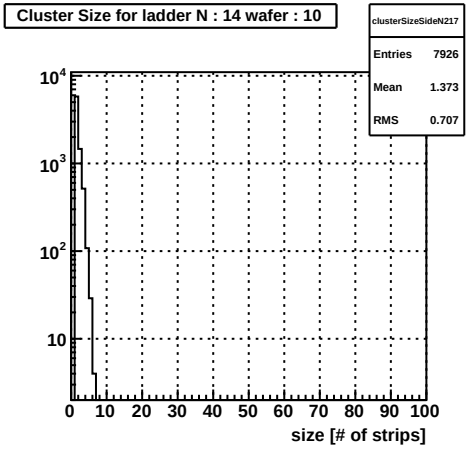

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 7015
Mean 1.426
RMS 0.8661
size [# of strips]

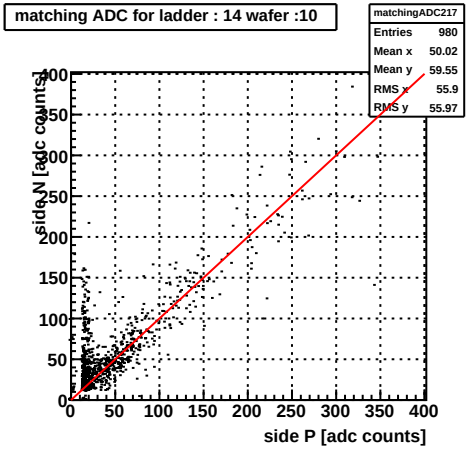

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 623
Mean x 55.12
Mean y 50.25
RMS x 56.31
RMS y 48.69
side N [adc counts]
side P [adc counts]

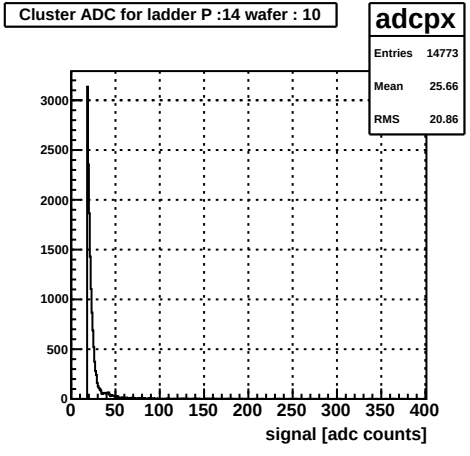

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 16783
Mean 28.18
RMS 17.29
signal [adc counts]

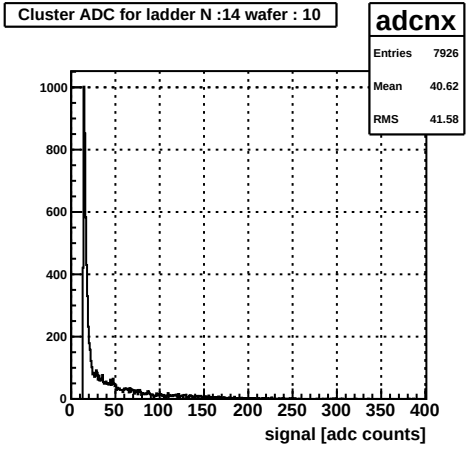

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 7015
Mean 33.75
RMS 28.86
signal [adc counts]

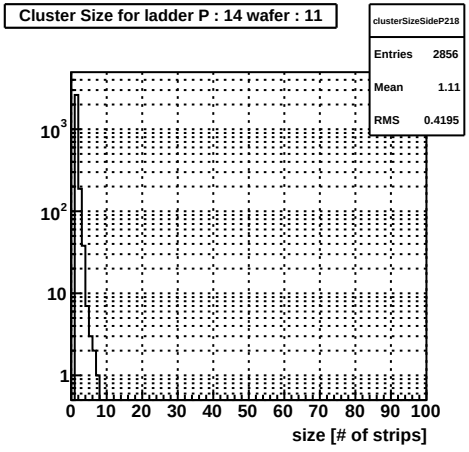

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 14773
Mean 1.065
RMS 0.2921
size [# of strips]

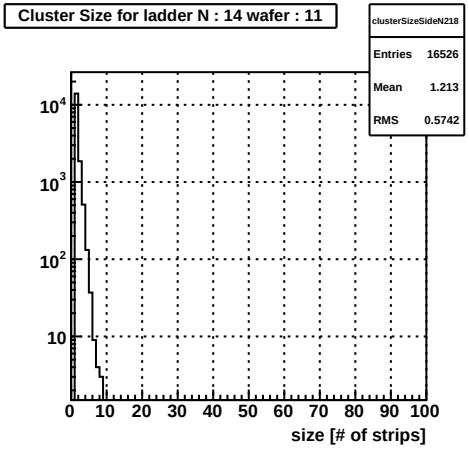

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 7926
Mean 1.373
RMS 0.707
size [# of strips]

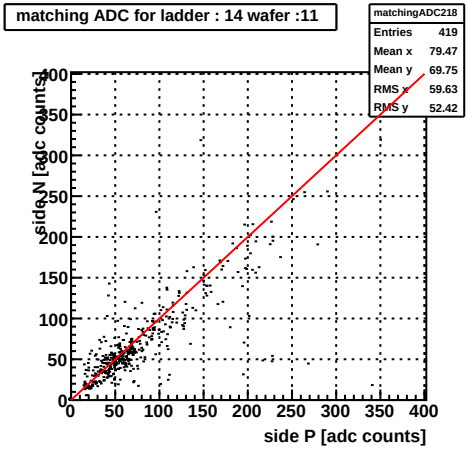

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 980
Mean x 50.02
Mean y 59.55
RMS x 55.9
RMS y 55.97
side N [adc counts]
side P [adc counts]

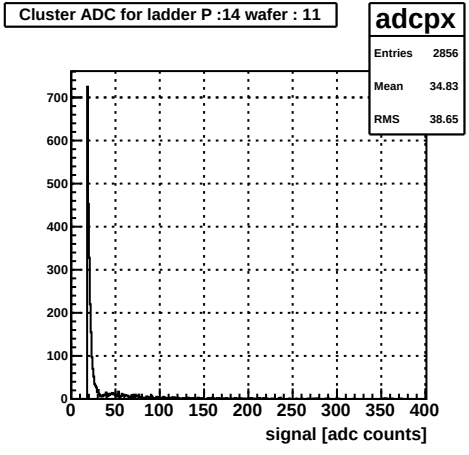

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 14773
Mean 25.66
RMS 20.86
signal [adc counts]

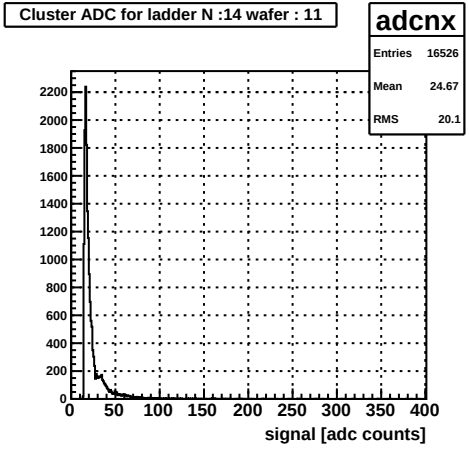

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 7926
Mean 40.62
RMS 41.58
signal [adc counts]

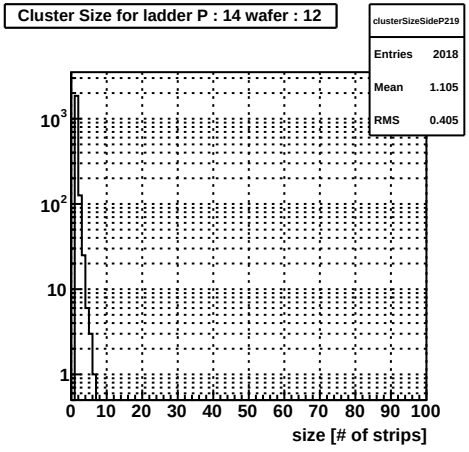

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 2856
Mean 1.11
RMS 0.4195
size [# of strips]

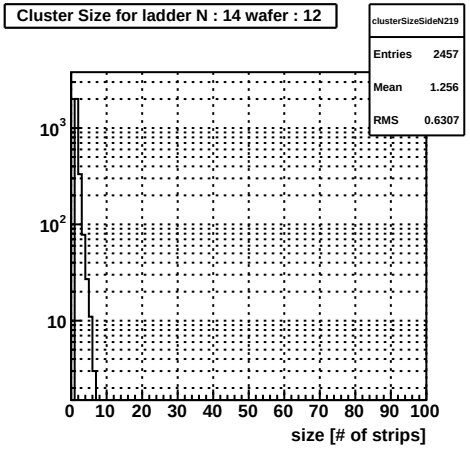

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 16526
Mean 1.213
RMS 0.5742
size [# of strips]

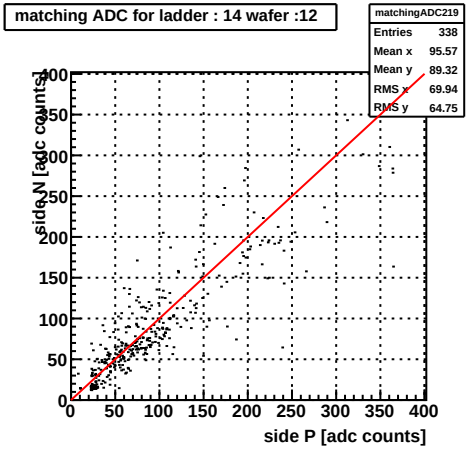

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 419
Mean x 79.47
Mean y 69.75
RMS x 59.63
RMS y 52.42
side N [adc counts]
side P [adc counts]

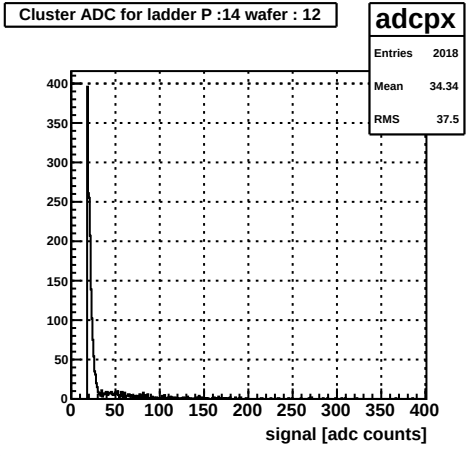

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 2856
Mean 34.83
RMS 38.65
signal [adc counts]

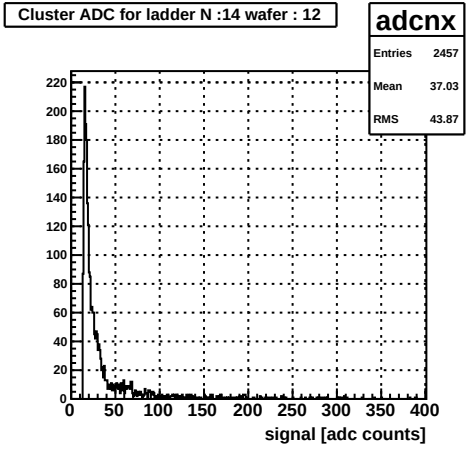

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 16526
Mean 24.67
RMS 20.1
signal [adc counts]

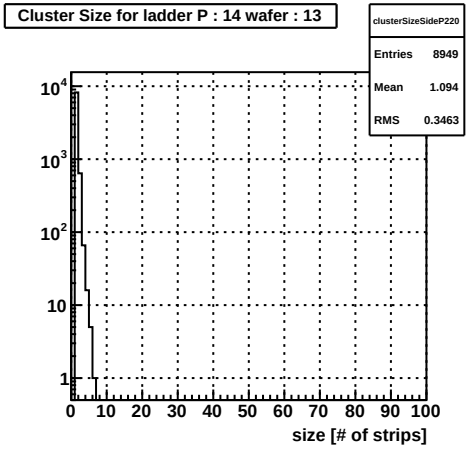

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 2018
Mean 1.105
RMS 0.405
size [# of strips]

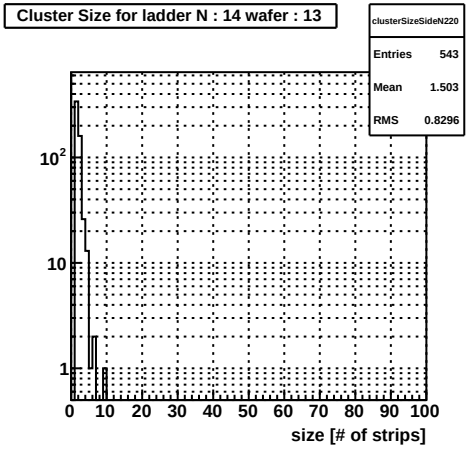

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 2457
Mean 1.256
RMS 0.6307
size [# of strips]

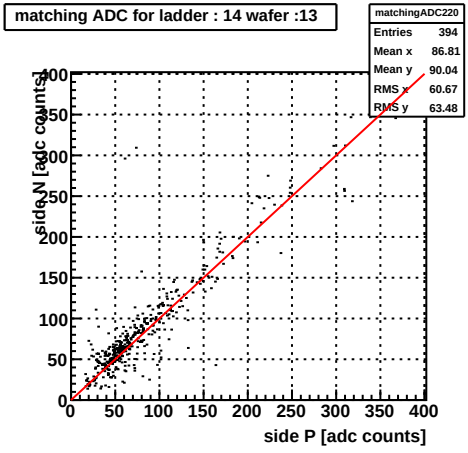

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 338
Mean x 95.57
Mean y 89.32
RMS x 69.94
RMS y 64.75
side N [adc counts]
side P [adc counts]

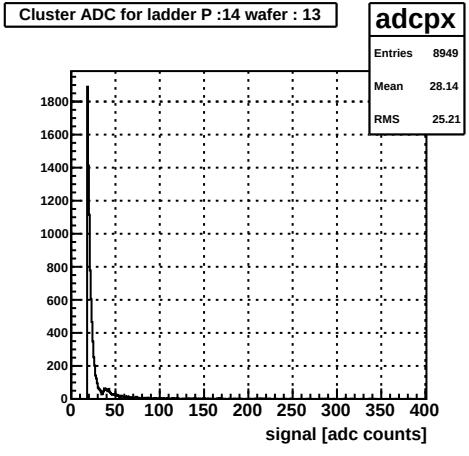

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 2018
Mean 34.34
RMS 37.5
signal [adc counts]

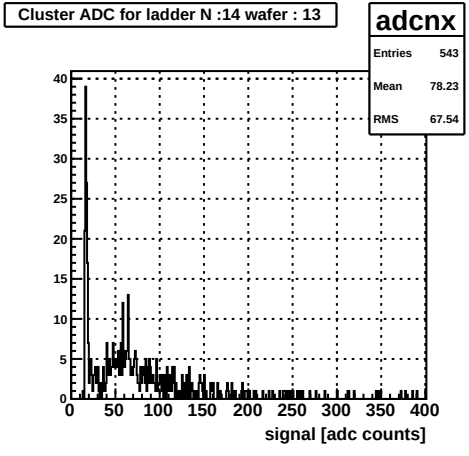

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 2457
Mean 37.03
RMS 43.87
signal [adc counts]

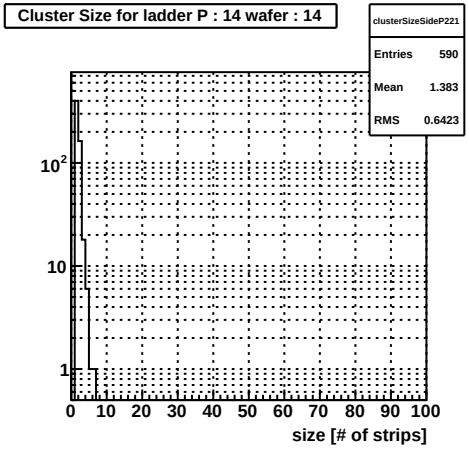

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 8949
Mean 1.094
RMS 0.3463
size [# of strips]

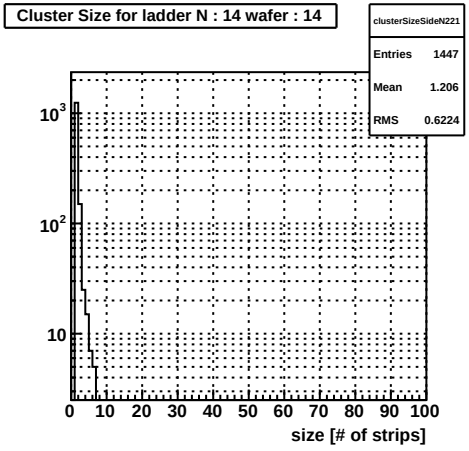

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 543
Mean 1.503
RMS 0.8296
size [# of strips]

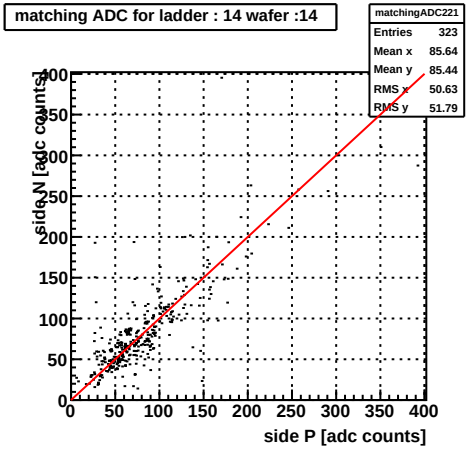

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 394
Mean x 86.81
Mean y 90.04
RMS x 60.67
RMS y 63.48
side N [adc counts]
side P [adc counts]

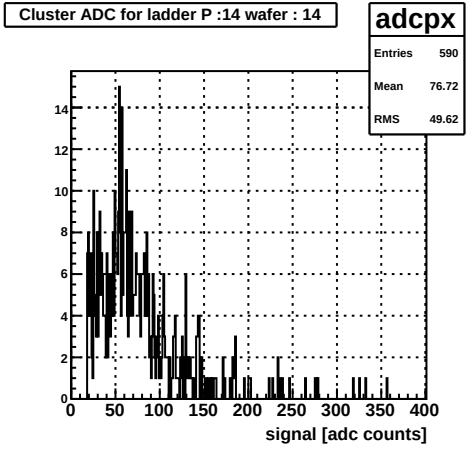

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 8949
Mean 28.14
RMS 25.21
signal [adc counts]

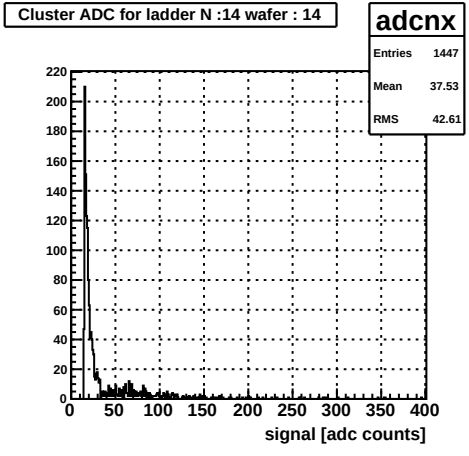

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 543
Mean 78.23
RMS 67.54
signal [adc counts]

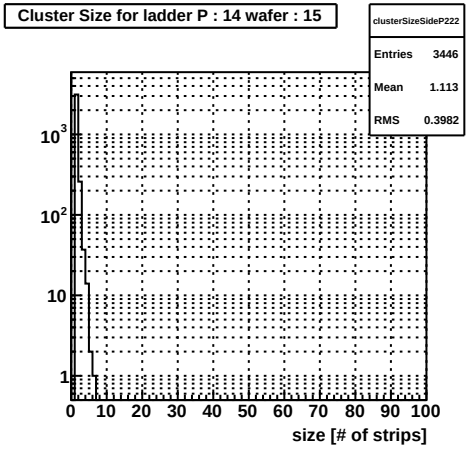

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 590
Mean 1.383
RMS 0.6423
size [# of strips]

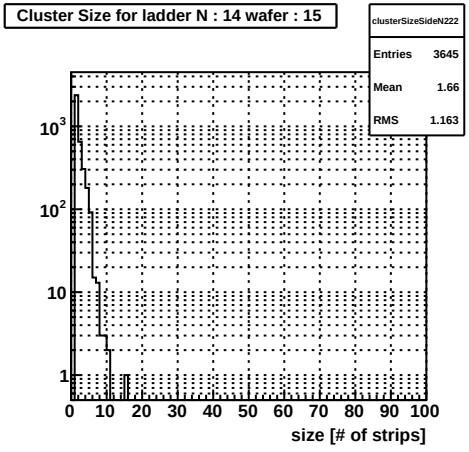

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 1447
Mean 1.206
RMS 0.6224
size [# of strips]

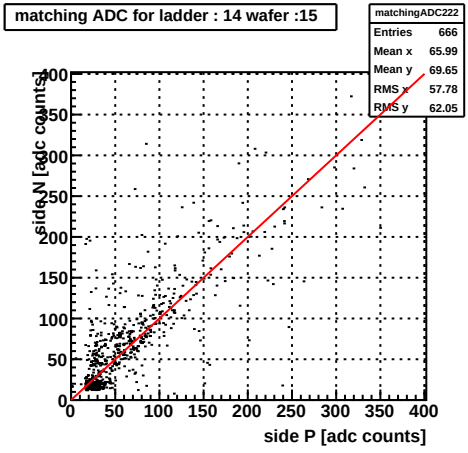

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 323
Mean x 85.64
Mean y 85.44
RMS x 50.63
RMS y 51.79
side N [adc counts]
side P [adc counts]

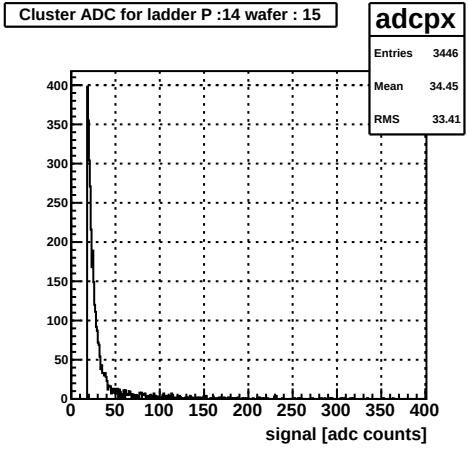

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 590
Mean 76.72
RMS 49.62
signal [adc counts]

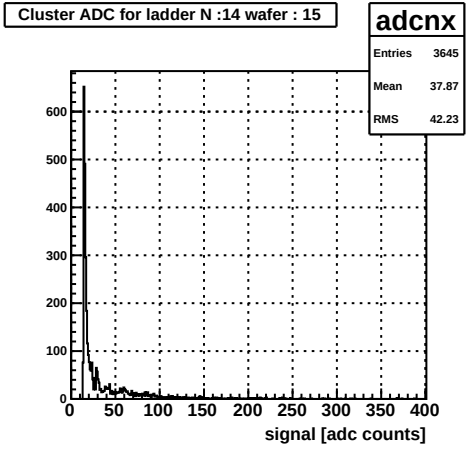

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 1447
Mean 37.53
RMS 42.61
signal [adc counts]

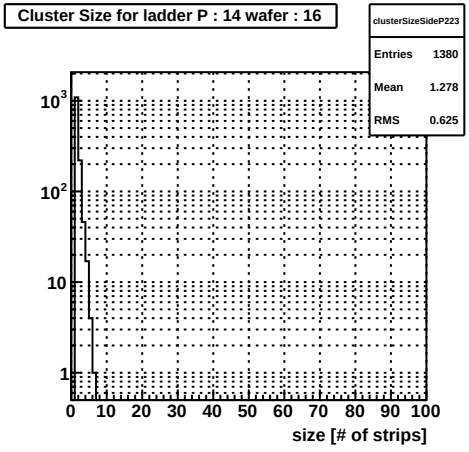

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 3446
Mean 1.113
RMS 0.3982
size [# of strips]

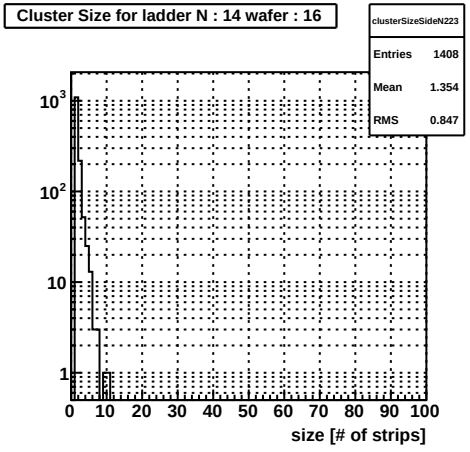

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 3645
Mean 1.66
RMS 1.163
size [# of strips]

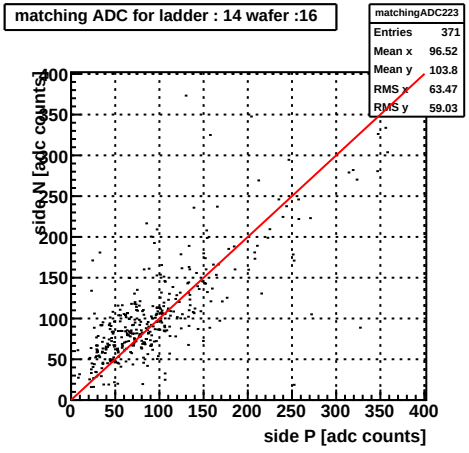

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 666
Mean x 65.99
Mean y 69.65
RMS x 57.78
RMS y 62.05
side N [adc counts]
side P [adc counts]

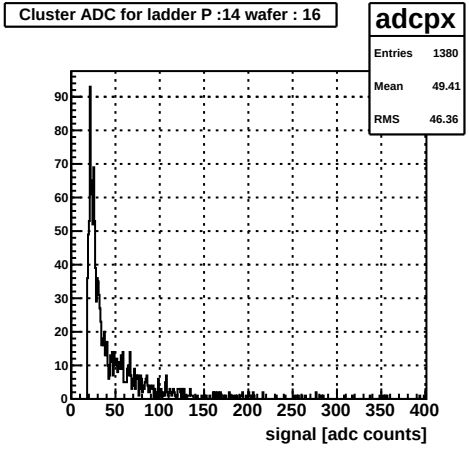

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 3446
Mean 34.45
RMS 33.41
signal [adc counts]

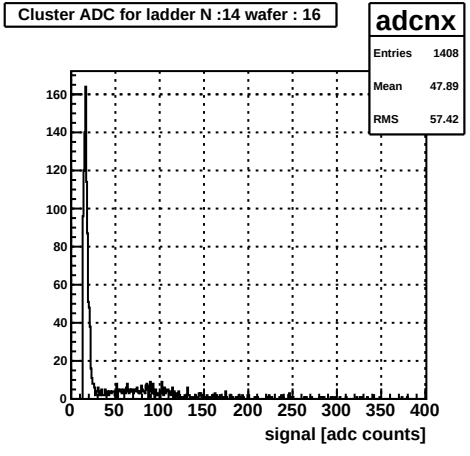

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 3645
Mean 37.87
RMS 42.23
signal [adc counts]

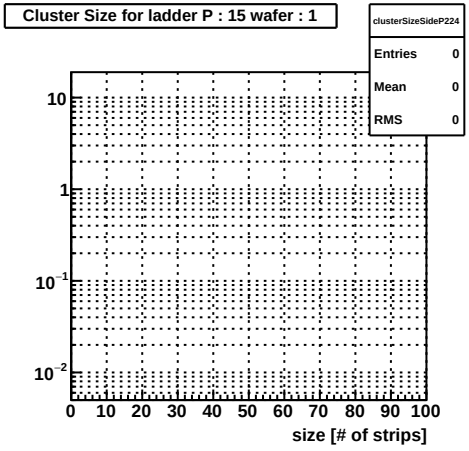

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1380
Mean 1.278
RMS 0.625
size [# of strips]

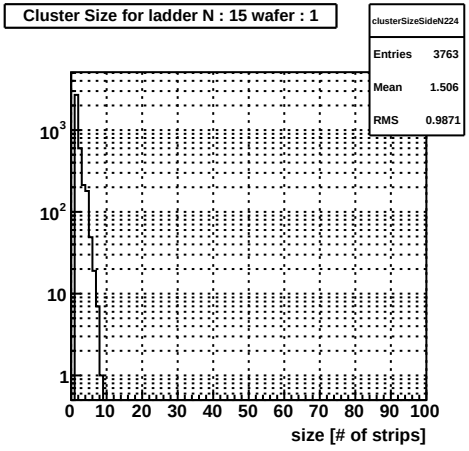

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 1408
Mean 1.354
RMS 0.847
size [# of strips]

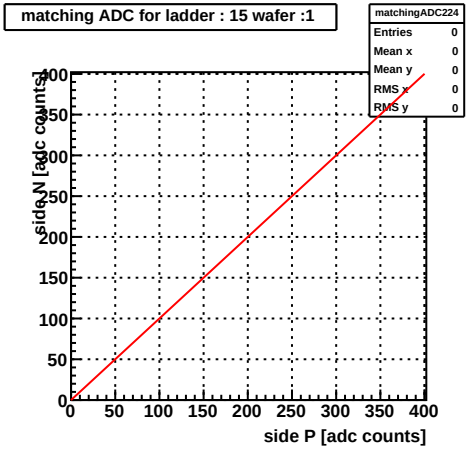

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 371
Mean x 96.52
Mean y 103.8
RMS x 63.47
RMS y 59.03
side N [adc counts]
side P [adc counts]

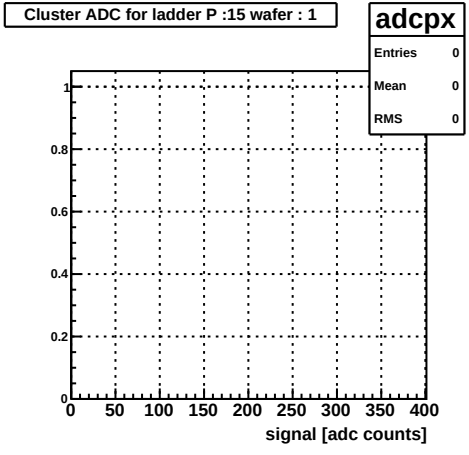

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1380
Mean 49.41
RMS 46.36
signal [adc counts]

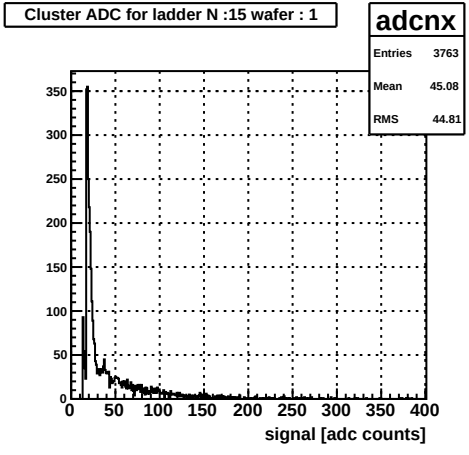

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 1408
Mean 47.89
RMS 57.42
signal [adc counts]

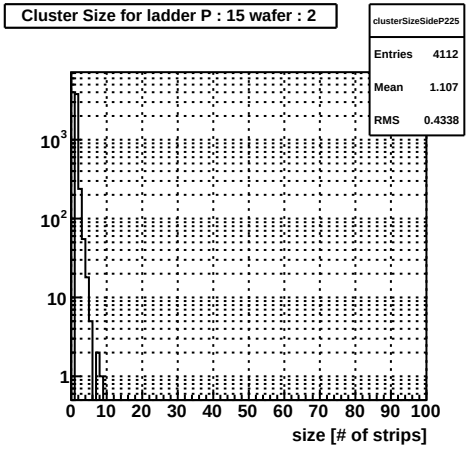

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

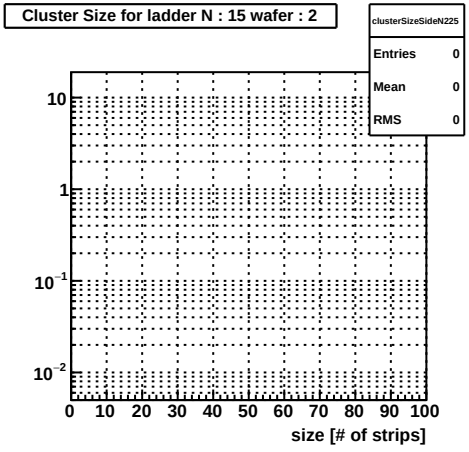

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 3763
Mean 1.506
RMS 0.9871
size [# of strips]

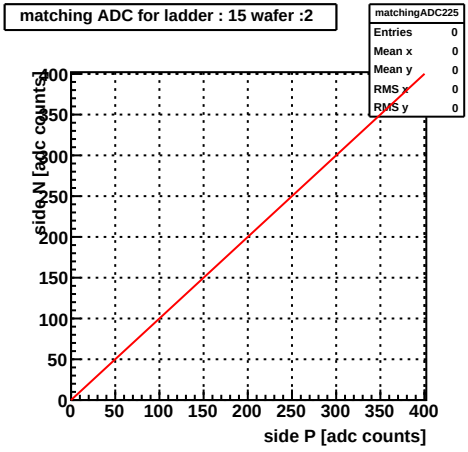

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

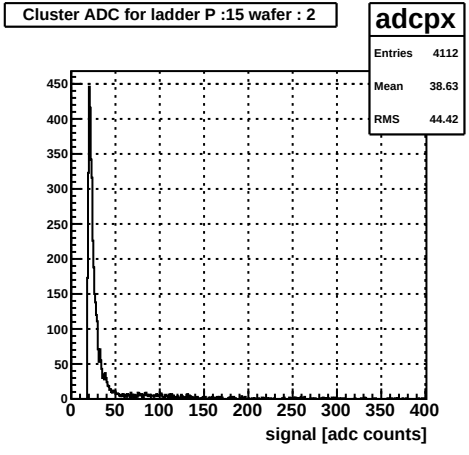

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

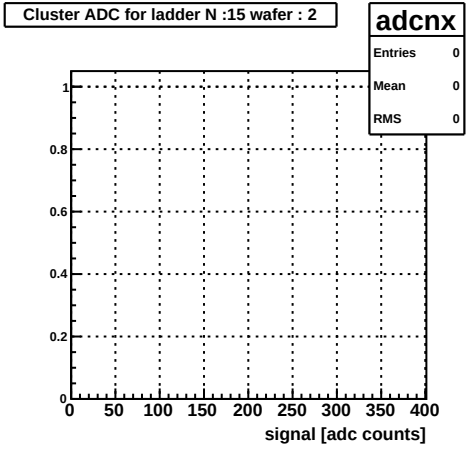

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 3763
Mean 45.08
RMS 44.81
signal [adc counts]

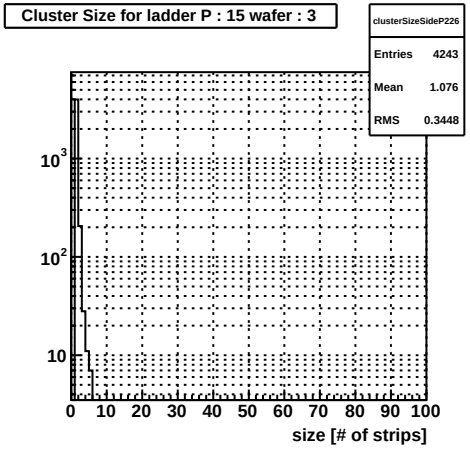

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 4112
Mean 1.107
RMS 0.4338
size [# of strips]

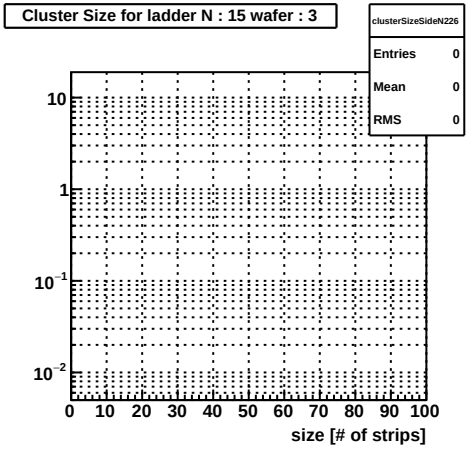

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

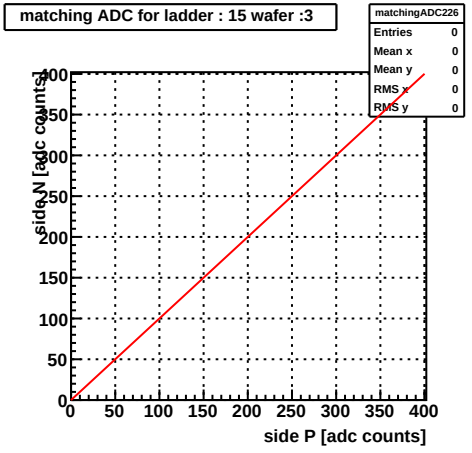

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

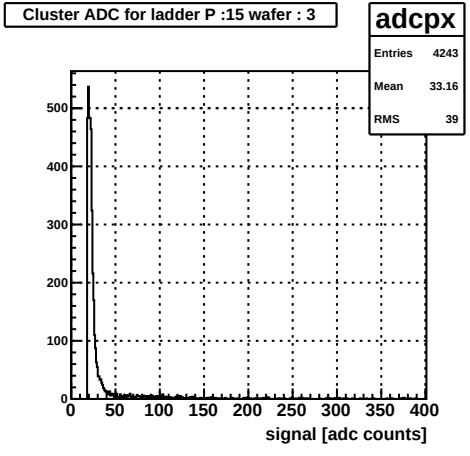

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 4112
Mean 38.63
RMS 44.42
signal [adc counts]

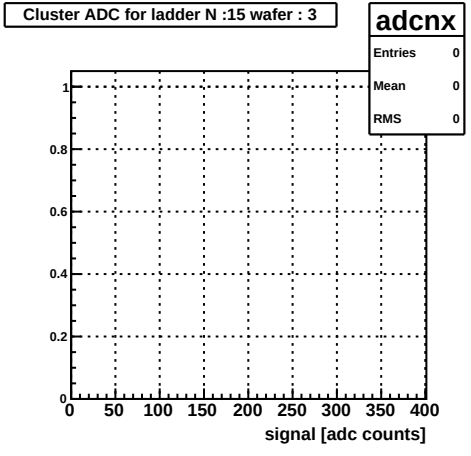

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

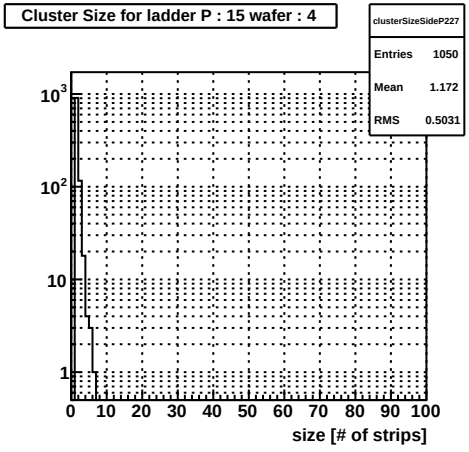

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 4243
Mean 1.076
RMS 0.3448
size [# of strips]

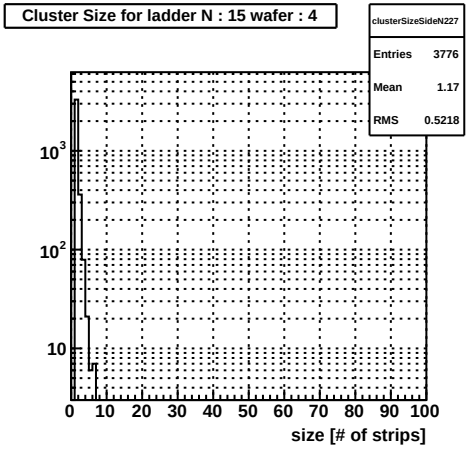

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

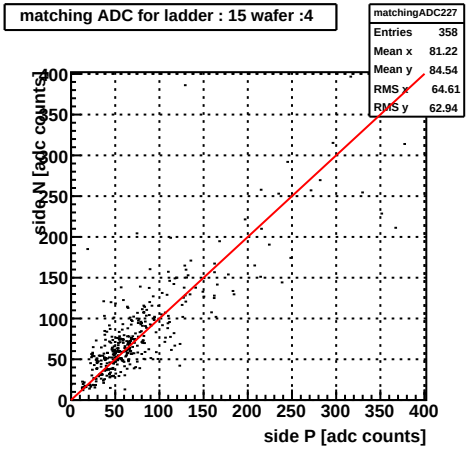

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

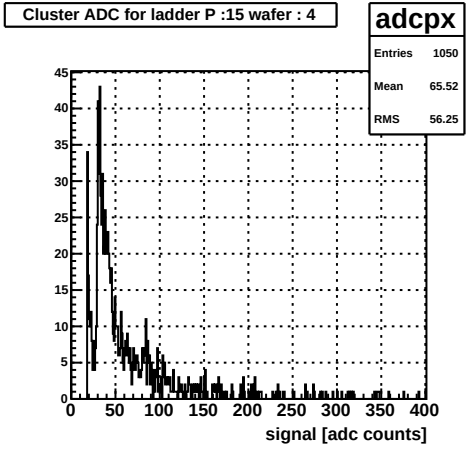

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 4243
Mean 33.16
RMS 39
signal [adc counts]

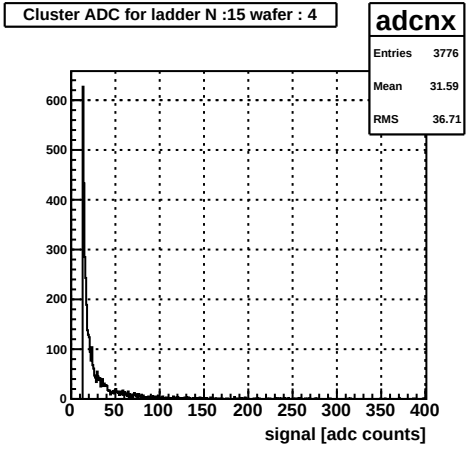

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

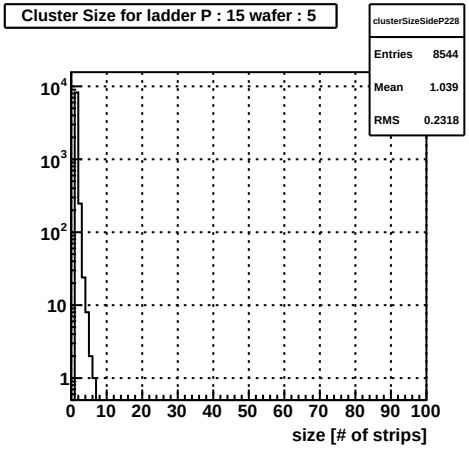

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 1050
Mean 1.172
RMS 0.5031
size [# of strips]

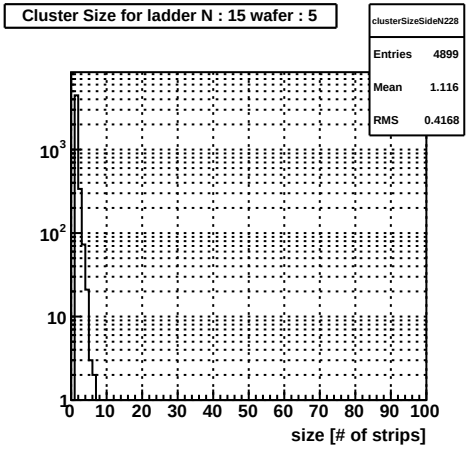

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 3776
Mean 1.17
RMS 0.5218
size [# of strips]

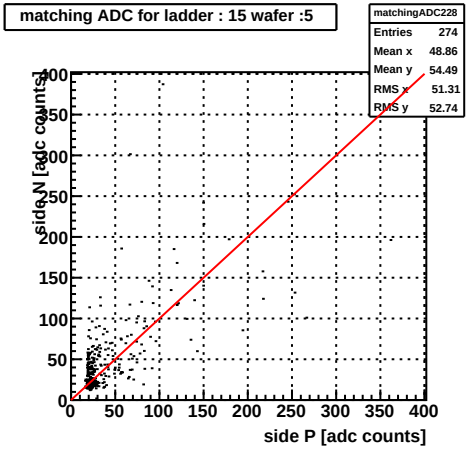

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 358
Mean x 81.22
Mean y 84.54
RMS x 64.61
RMS y 62.94
side N [adc counts]
side P [adc counts]

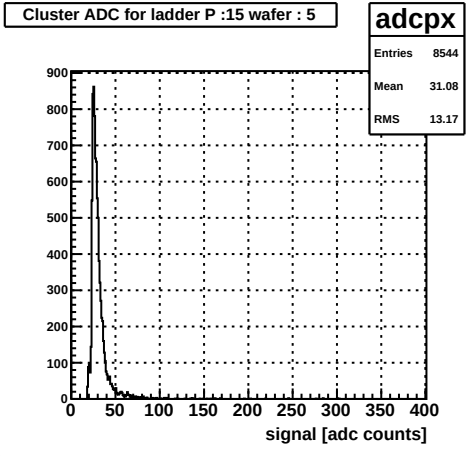

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 1050
Mean 65.52
RMS 56.25
signal [adc counts]

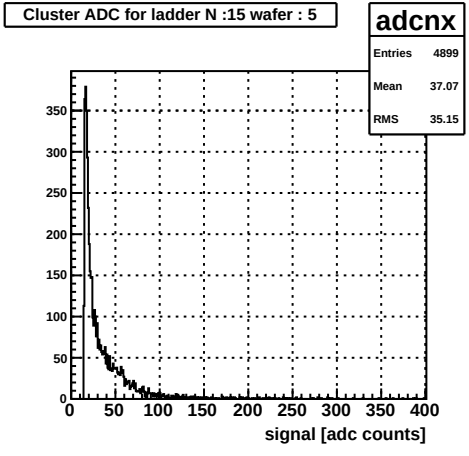

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 3776
Mean 31.59
RMS 36.71
signal [adc counts]

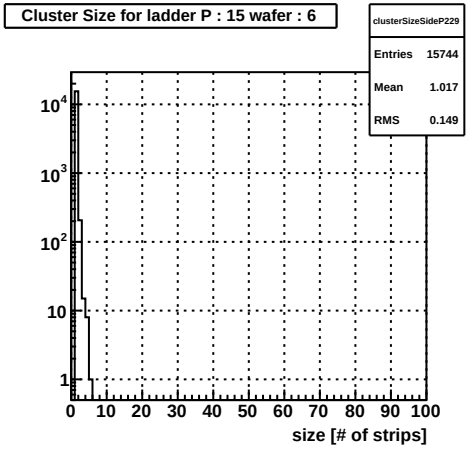

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 8544
Mean 1.039
RMS 0.2318
size [# of strips]

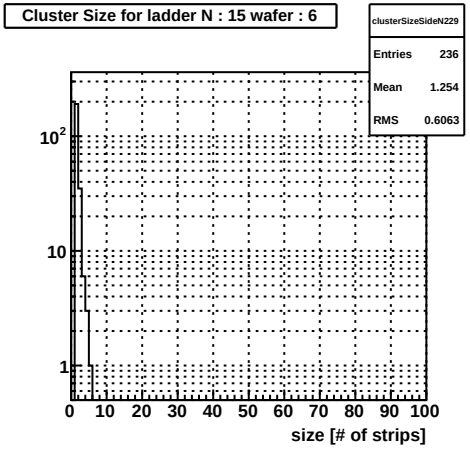

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 4899
Mean 1.116
RMS 0.4168
size [# of strips]

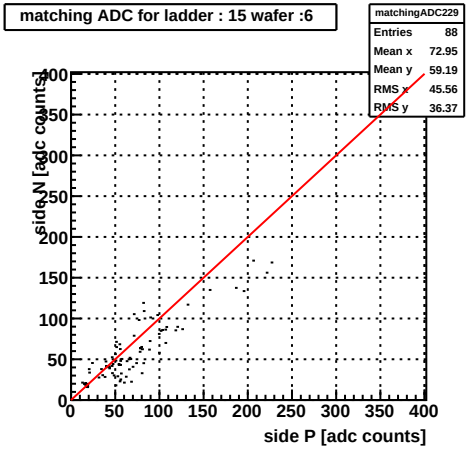

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 274
Mean x 48.86
Mean y 54.49
RMS x 51.31
RMS y 52.74
side N [adc counts]
side P [adc counts]

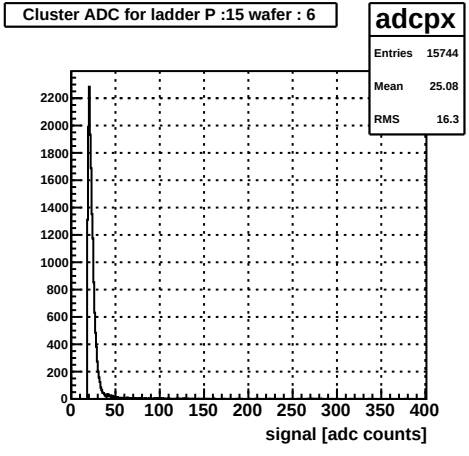

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 8544
Mean 31.08
RMS 13.17
signal [adc counts]

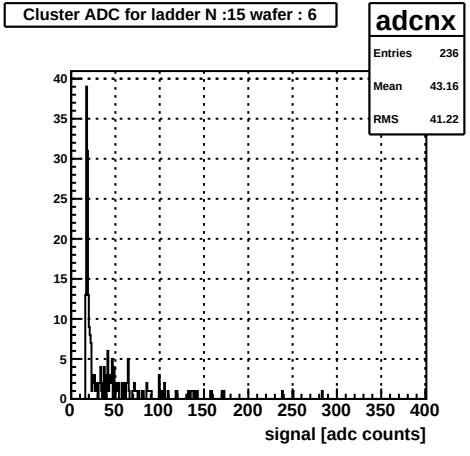

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 4899
Mean 37.07
RMS 35.15
signal [adc counts]

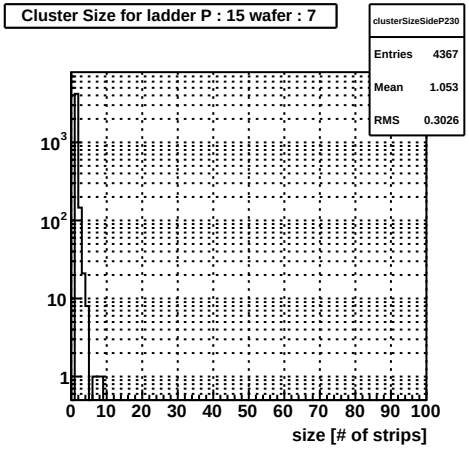

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 15744
Mean 1.017
RMS 0.149
size [# of strips]

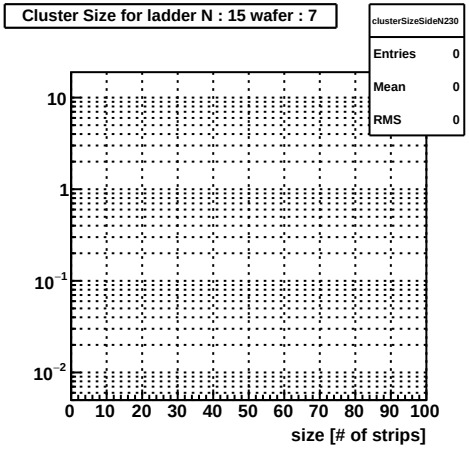

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 236
Mean 1.254
RMS 0.6063
size [# of strips]

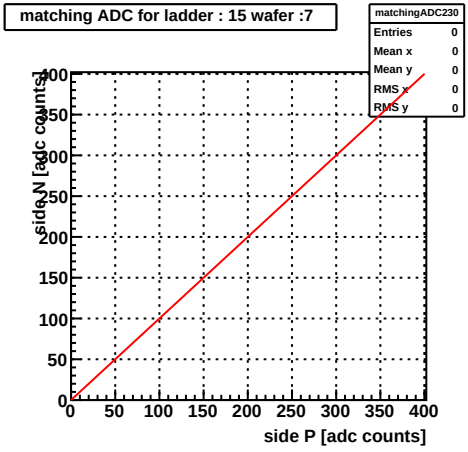

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 88
Mean x 72.95
Mean y 59.19
RMS x 45.56
RMS y 36.37
side N [adc counts]
side P [adc counts]

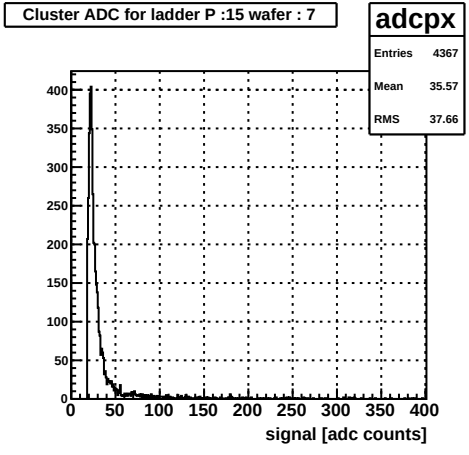

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 15744
Mean 25.08
RMS 16.3
signal [adc counts]

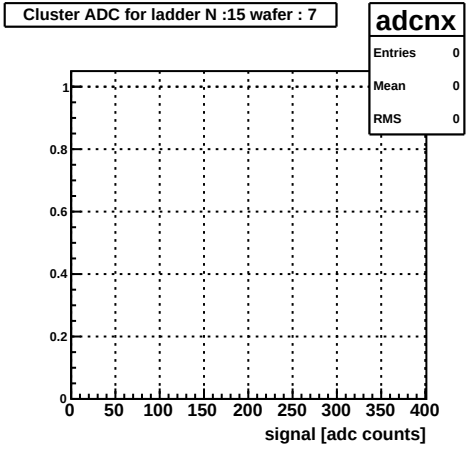

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 236
Mean 43.16
RMS 41.22
signal [adc counts]

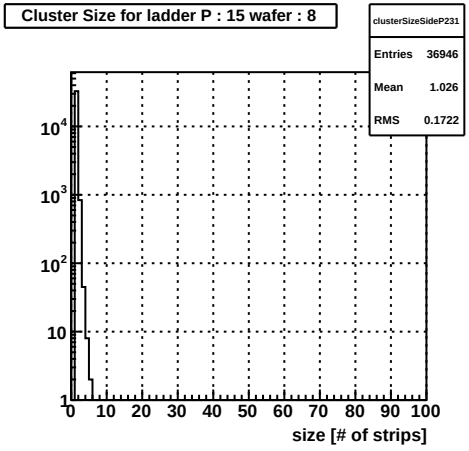

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 4367
Mean 1.053
RMS 0.3026
size [# of strips]

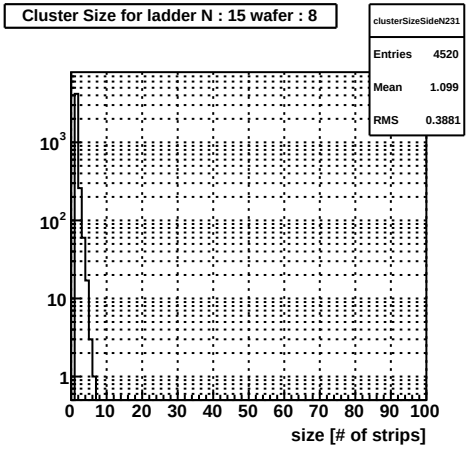

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

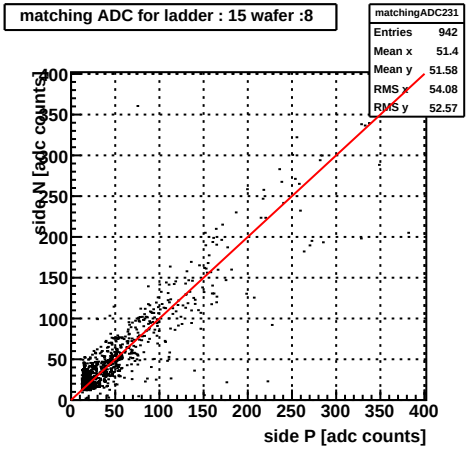

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

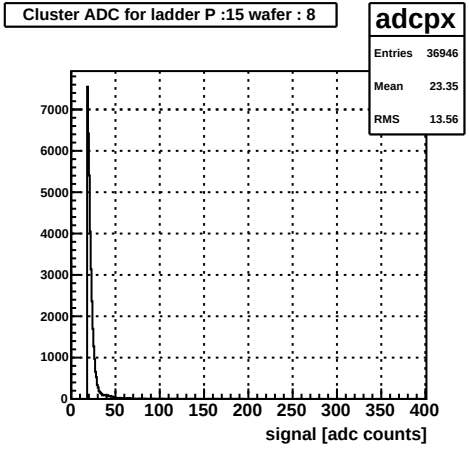

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 4367
Mean 35.57
RMS 37.66
signal [adc counts]

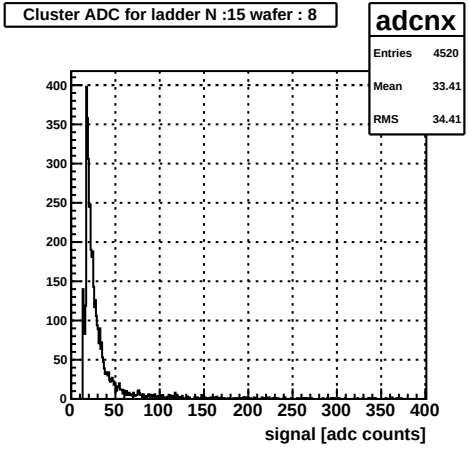

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

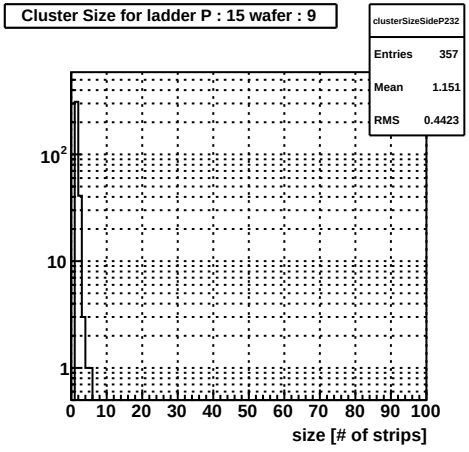

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 36946
Mean 1.026
RMS 0.1722
size [# of strips]

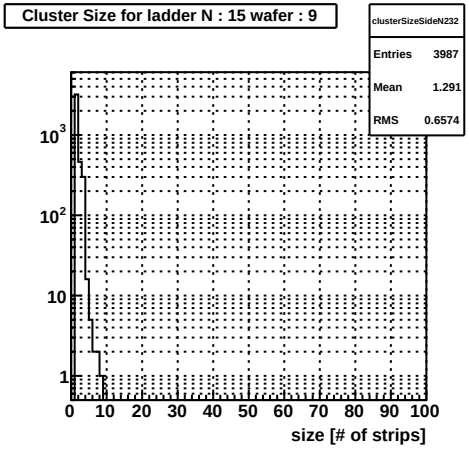

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 4520
Mean 1.099
RMS 0.3881
size [# of strips]

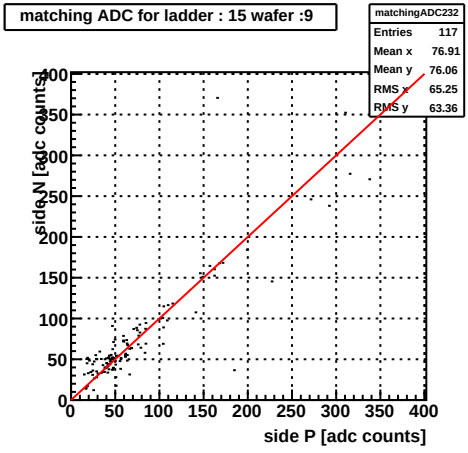

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 942
Mean x 51.4
Mean y 51.58
RMS x 54.08
RMS y 52.57
side N [adc counts]
side P [adc counts]

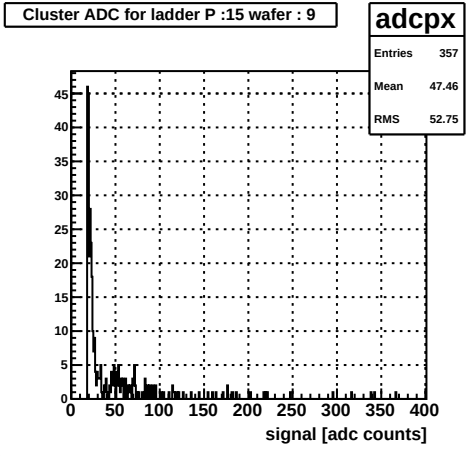

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 36946
Mean 23.35
RMS 13.56
signal [adc counts]

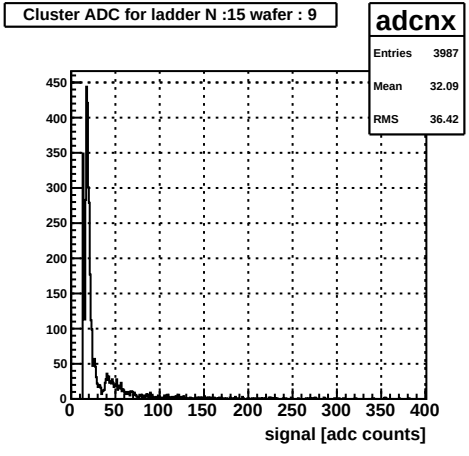

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 4520
Mean 33.41
RMS 34.41
signal [adc counts]

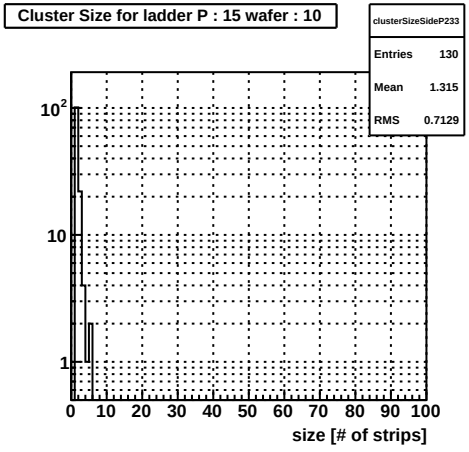

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 357
Mean 1.151
RMS 0.4423
size [# of strips]

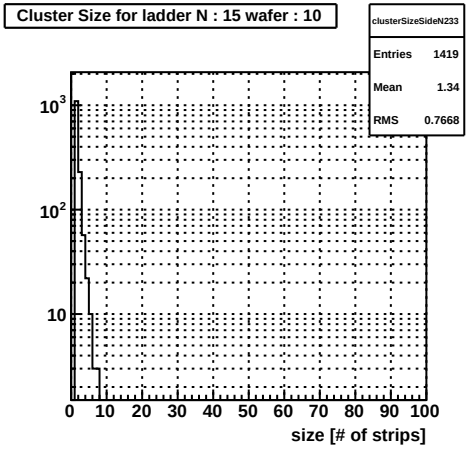

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 3987
Mean 1.291
RMS 0.6574
size [# of strips]

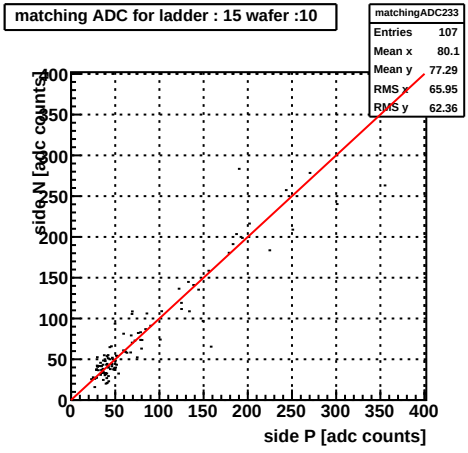

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 117
Mean x 76.91
Mean y 76.06
RMS x 65.25
RMS y 63.36
side N [adc counts]
side P [adc counts]

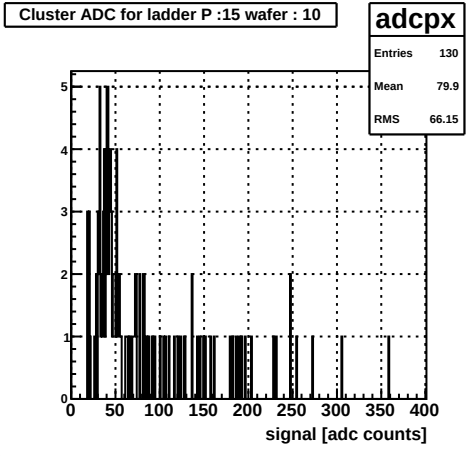

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 357
Mean 47.46
RMS 52.75
signal [adc counts]

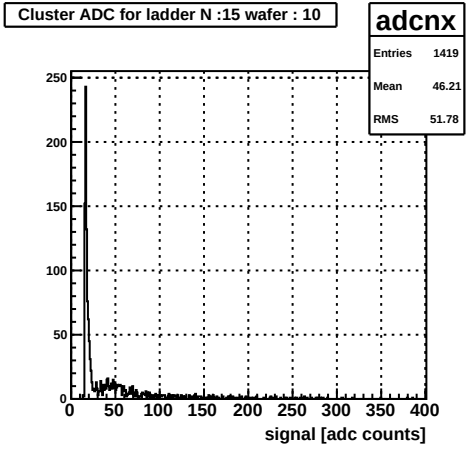

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 3987
Mean 32.09
RMS 36.42
signal [adc counts]

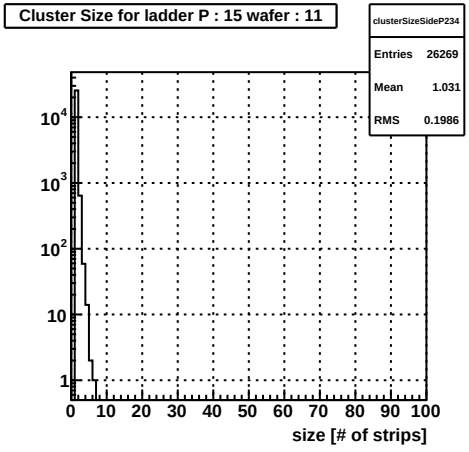

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 130
Mean 1.315
RMS 0.7129
size [# of strips]

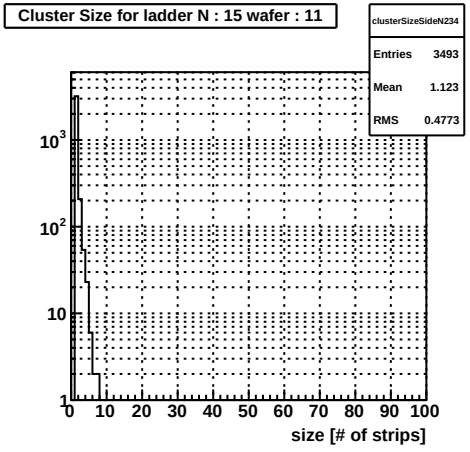

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 1419
Mean 1.34
RMS 0.7668
size [# of strips]

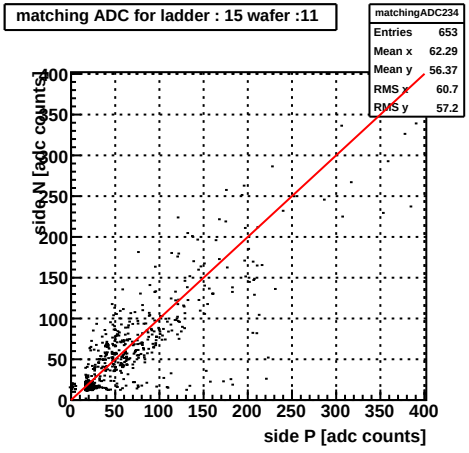

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 107
Mean x 80.1
Mean y 77.29
RMS x 65.95
RMS y 62.36
side N [adc counts]
side P [adc counts]

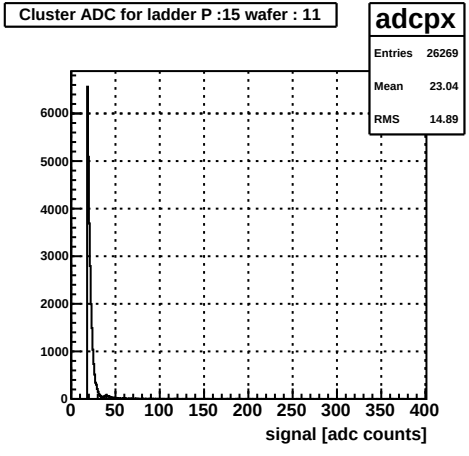

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 130
Mean 79.9
RMS 66.15
signal [adc counts]

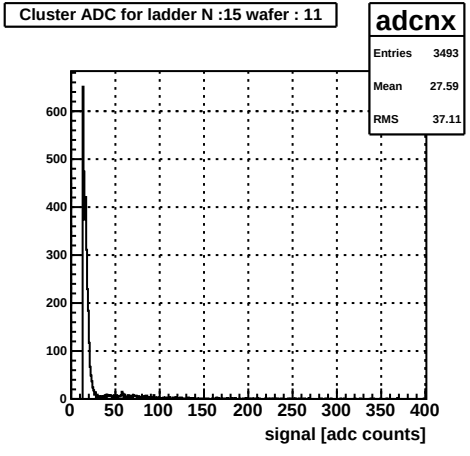

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 1419
Mean 46.21
RMS 51.78
signal [adc counts]

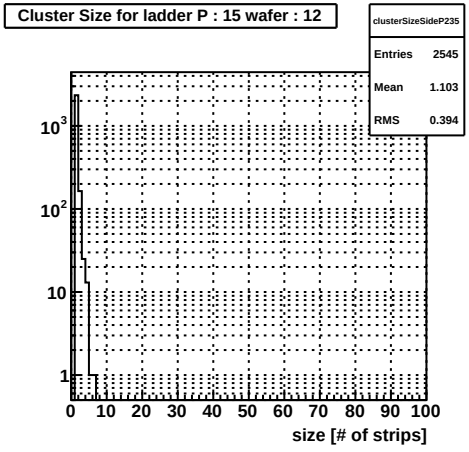

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 26269
Mean 1.031
RMS 0.1986
size [# of strips]

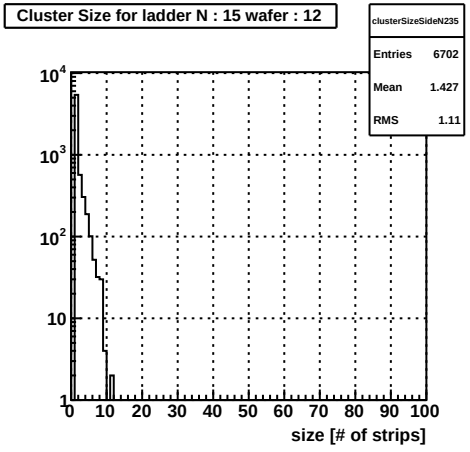

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 3493
Mean 1.123
RMS 0.4773
size [# of strips]

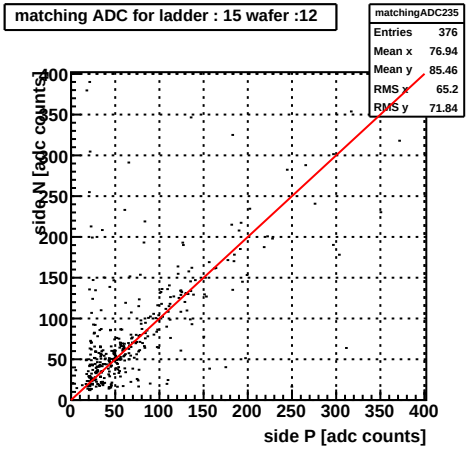

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 653
Mean x 62.29
Mean y 56.37
RMS x 60.7
RMS y 57.2
side N [adc counts]
side P [adc counts]

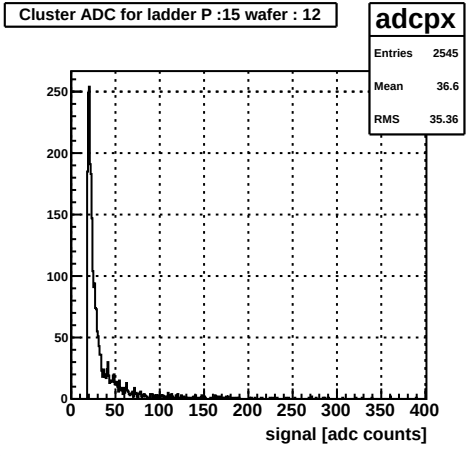

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 26269
Mean 23.04
RMS 14.89
signal [adc counts]

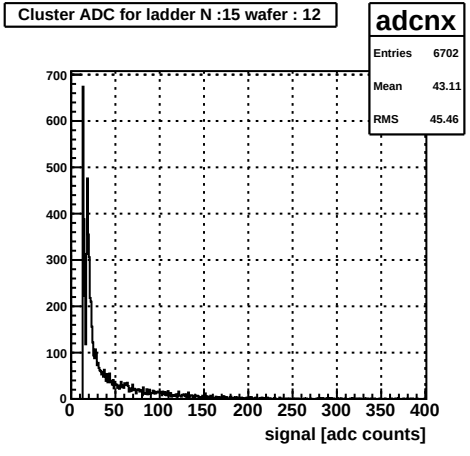

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 3493
Mean 27.59
RMS 37.11
signal [adc counts]

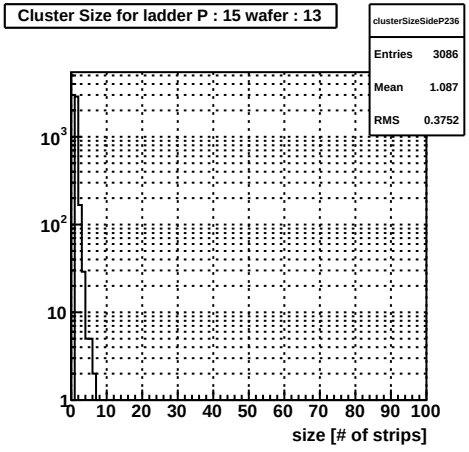

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 2545
Mean 1.103
RMS 0.394
size [# of strips]

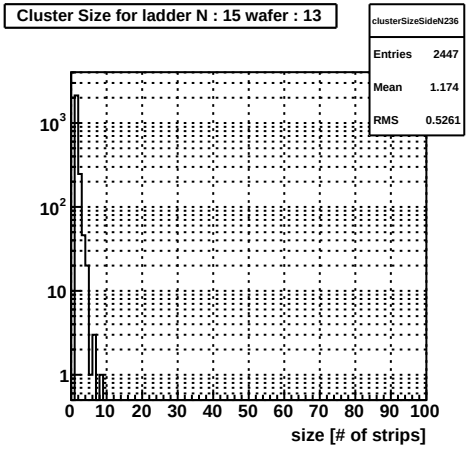

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 6702
Mean 1.427
RMS 1.11
size [# of strips]

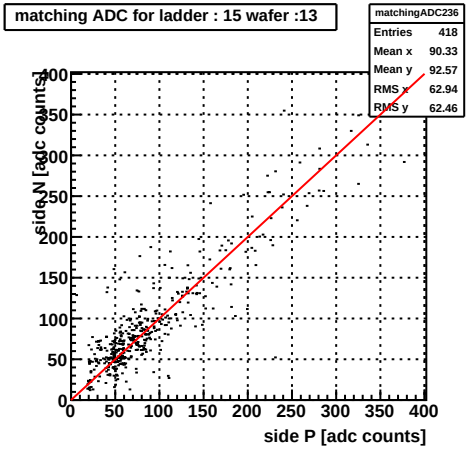

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 376
Mean x 76.94
Mean y 85.46
RMS x 65.2
RMS y 71.84
side N [adc counts]
side P [adc counts]

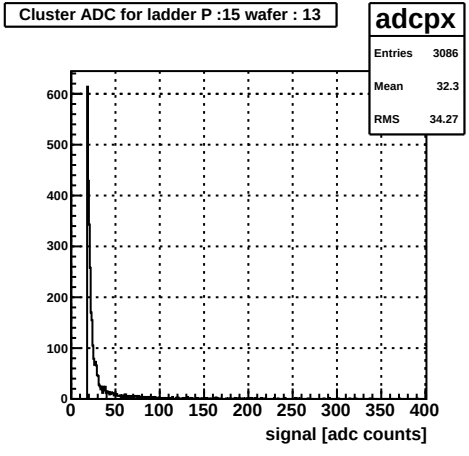

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 2545
Mean 36.6
RMS 35.36
signal [adc counts]

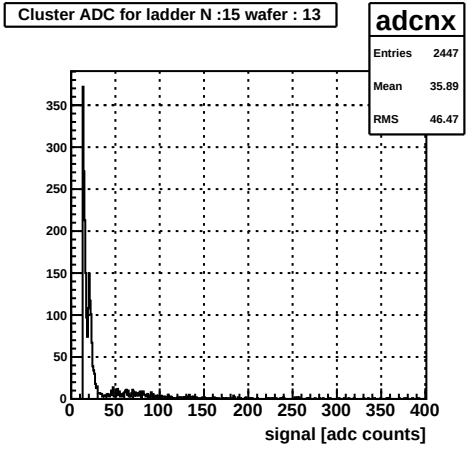

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 6702
Mean 43.11
RMS 45.46
signal [adc counts]

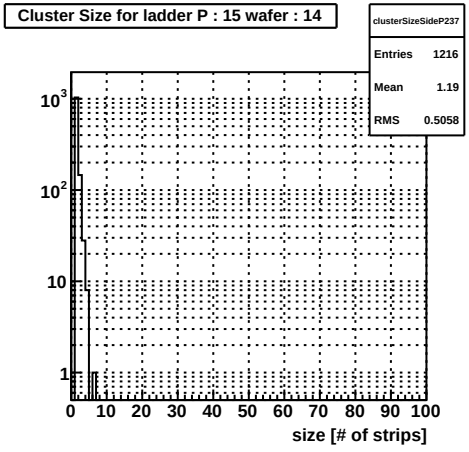

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 3086
Mean 1.087
RMS 0.3752
size [# of strips]

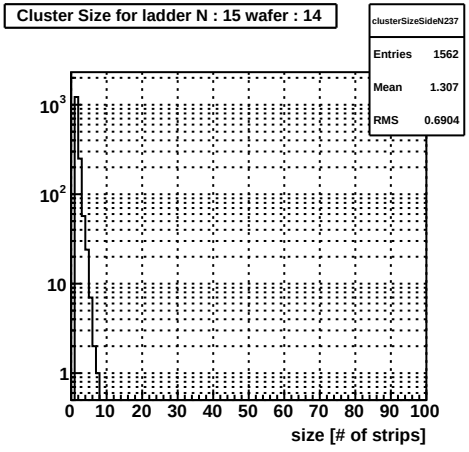

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 2447
Mean 1.174
RMS 0.5261
size [# of strips]

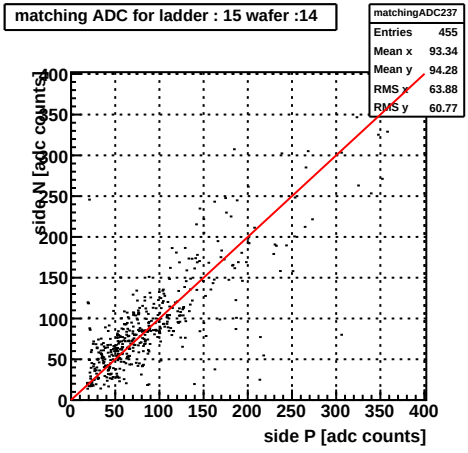

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 418
Mean x 90.33
Mean y 92.57
RMS x 62.94
RMS y 62.46
side N [adc counts]
side P [adc counts]

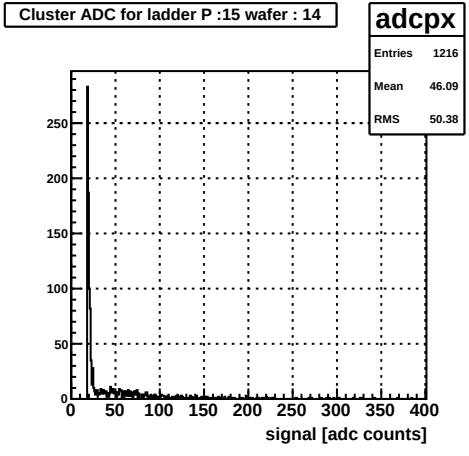

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 3086
Mean 32.3
RMS 34.27
signal [adc counts]

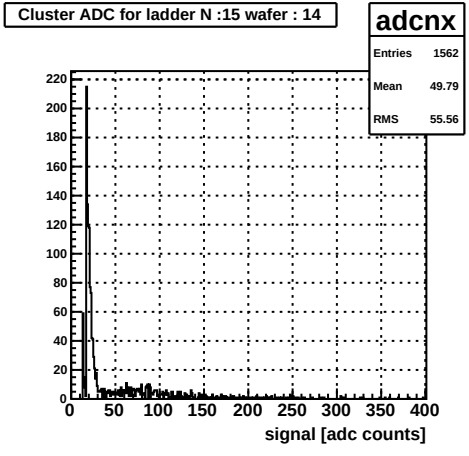

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 2447
Mean 35.89
RMS 46.47
signal [adc counts]

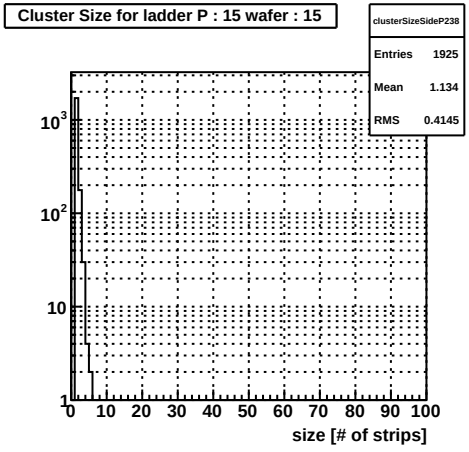

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 1216
Mean 1.19
RMS 0.5058
size [# of strips]

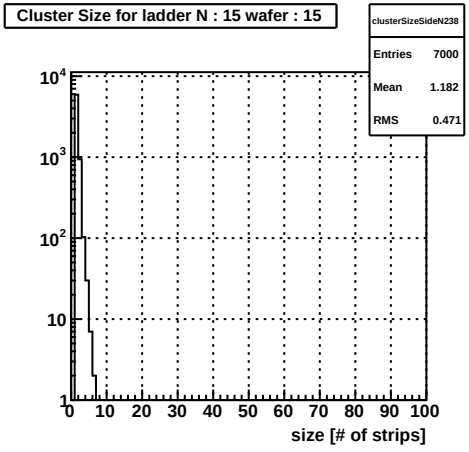

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 1562
Mean 1.307
RMS 0.6904
size [# of strips]

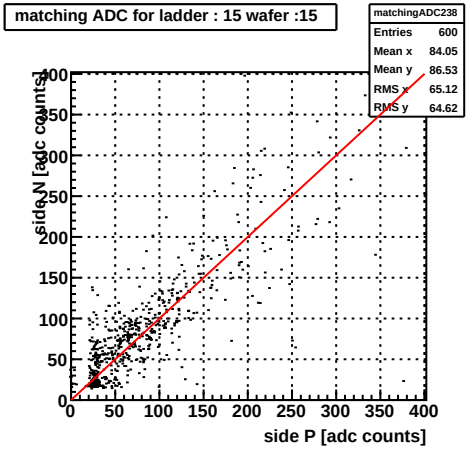

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 455
Mean x 93.34
Mean y 94.28
RMS x 63.88
RMS y 60.77
side N [adc counts]
side P [adc counts]

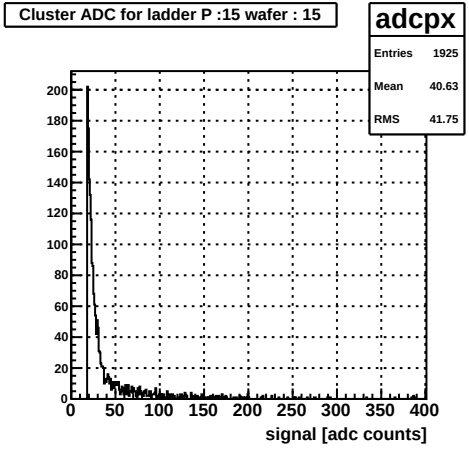

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 1216
Mean 46.09
RMS 50.38
signal [adc counts]

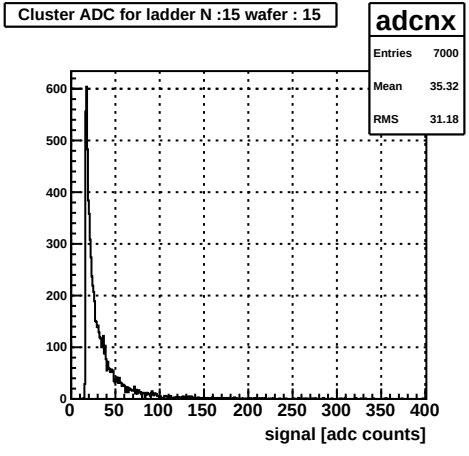

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 1562
Mean 49.79
RMS 55.56
signal [adc counts]

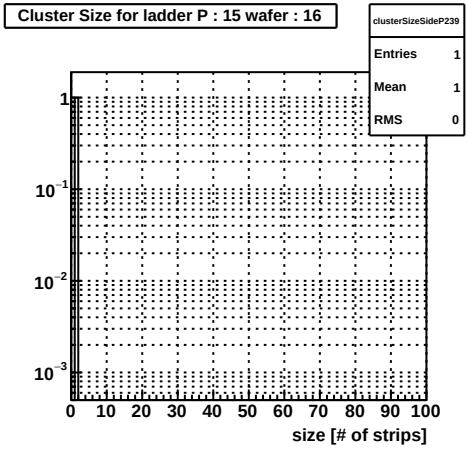

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 1925
Mean 1.134
RMS 0.4145
size [# of strips]

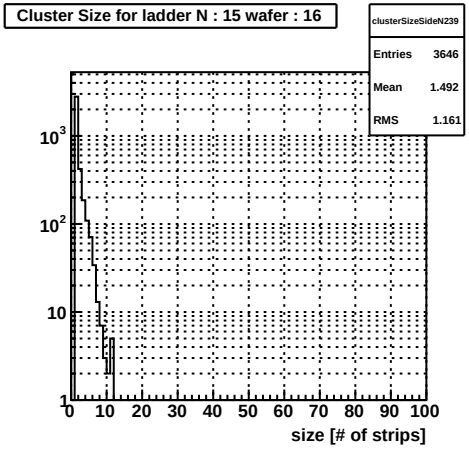

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 7000
Mean 1.182
RMS 0.471
size [# of strips]

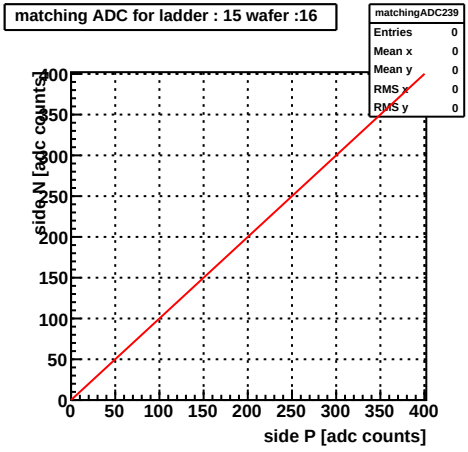

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 600
Mean x 84.05
Mean y 86.53
RMS x 65.12
RMS y 64.62
side N [adc counts]
side P [adc counts]

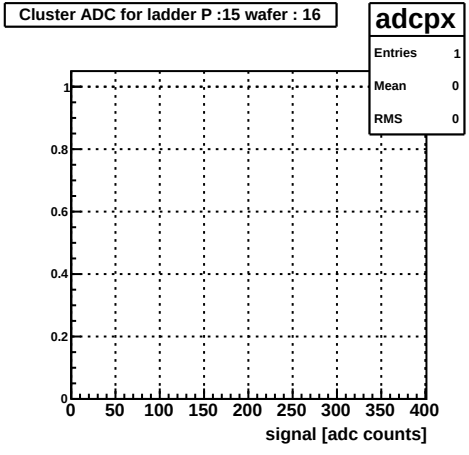

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 1925
Mean 40.63
RMS 41.75
signal [adc counts]

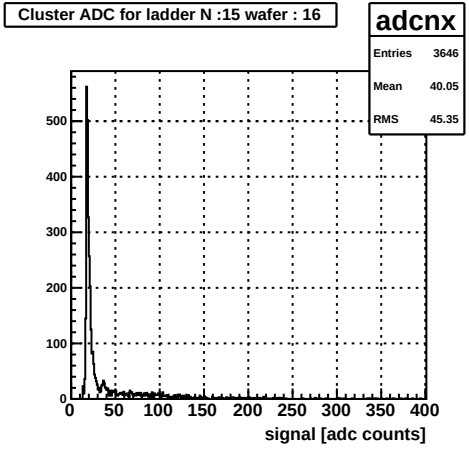

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 7000
Mean 35.32
RMS 31.18
signal [adc counts]

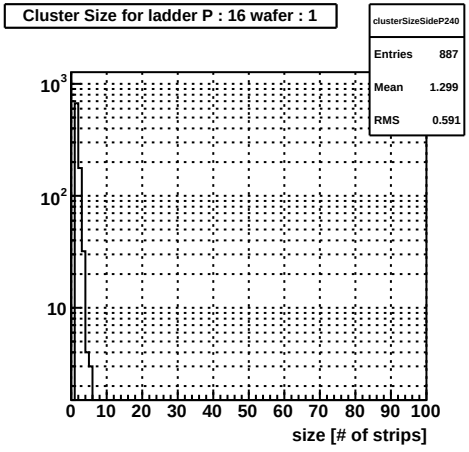

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 1
Mean 1
RMS 0
size [# of strips]

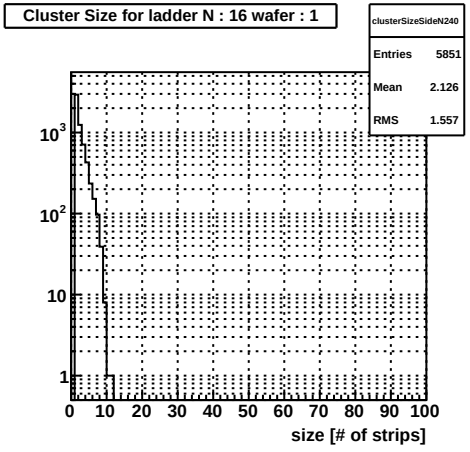

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 3646
Mean 1.492
RMS 1.161
size [# of strips]

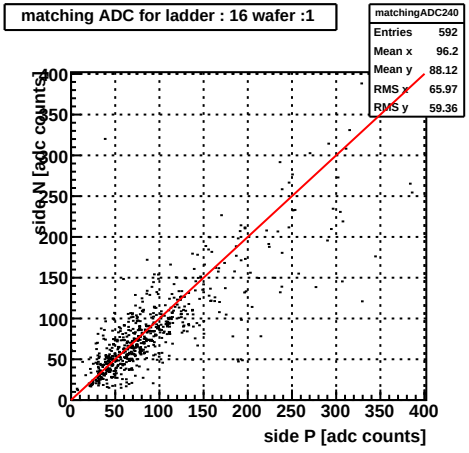

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

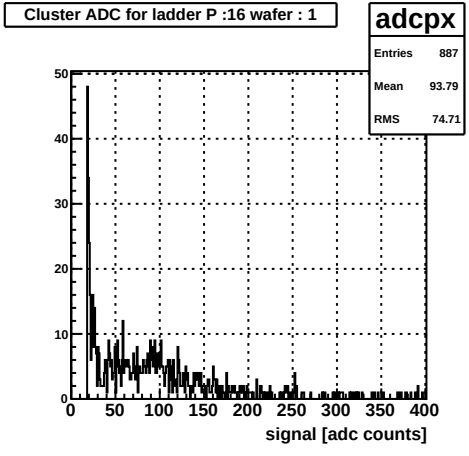

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

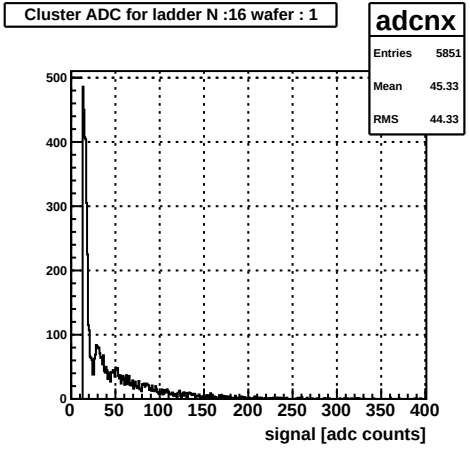

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 3646
Mean 40.05
RMS 45.35
signal [adc counts]

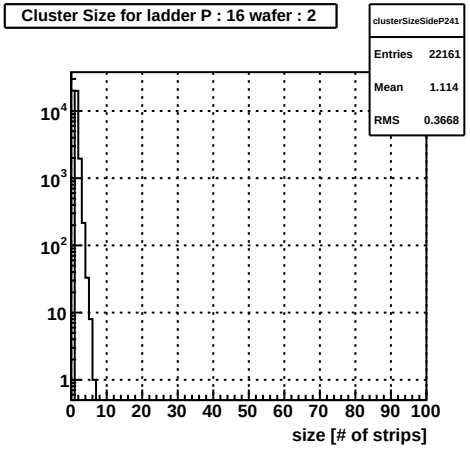

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 887
Mean 1.299
RMS 0.591
size [# of strips]

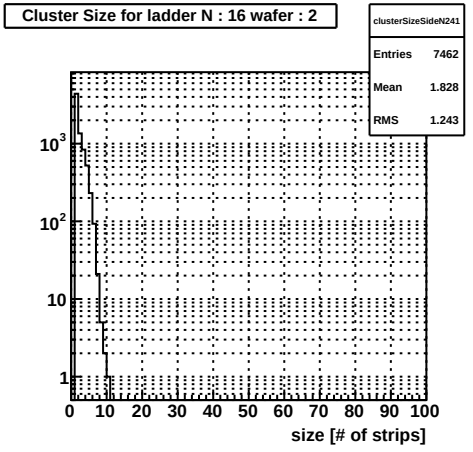

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 5851
Mean 2.126
RMS 1.557
size [# of strips]

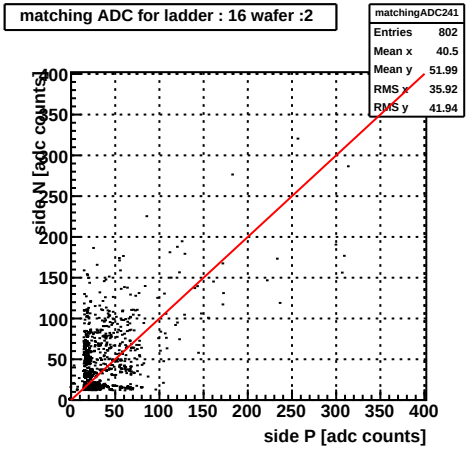

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 592
Mean x 96.2
Mean y 88.12
RMS x 65.97
RMS y 59.36
side N [adc counts]
side P [adc counts]

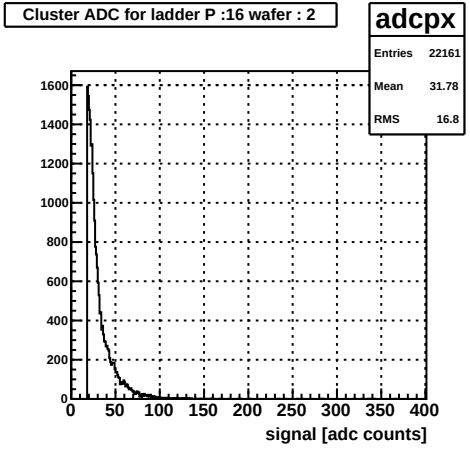

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 887
Mean 93.79
RMS 74.71
signal [adc counts]

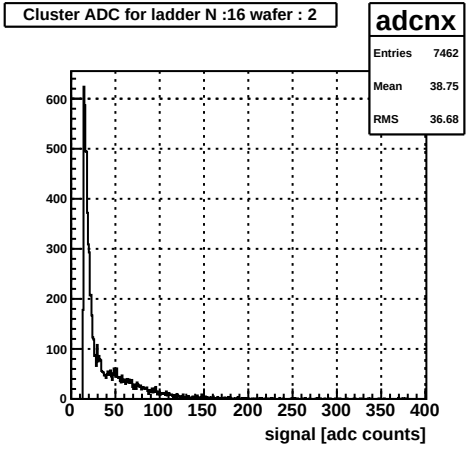

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 5851
Mean 45.33
RMS 44.33
signal [adc counts]

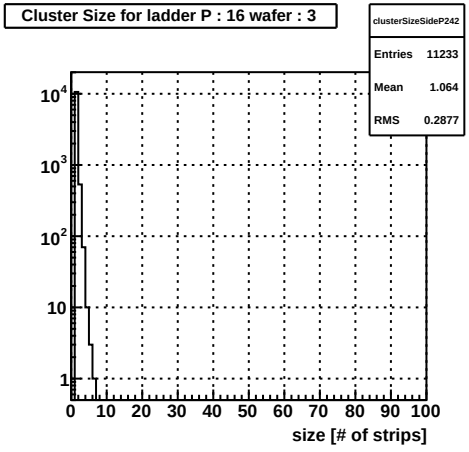

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 22161
Mean 1.114
RMS 0.3668
size [# of strips]

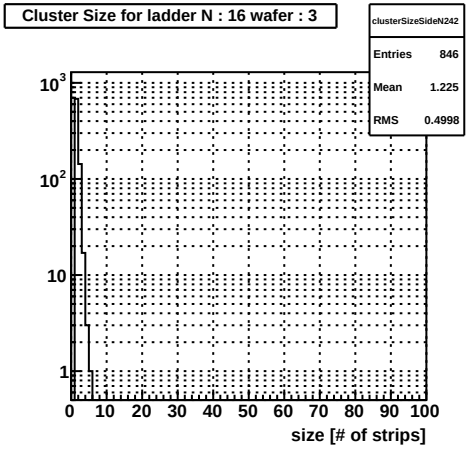

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 7462
Mean 1.828
RMS 1.243
size [# of strips]

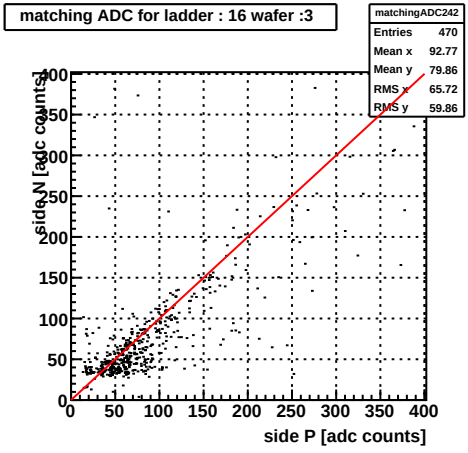

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 802
Mean x 40.5
Mean y 51.99
RMS x 35.92
RMS y 41.94
side N [adc counts]
side P [adc counts]

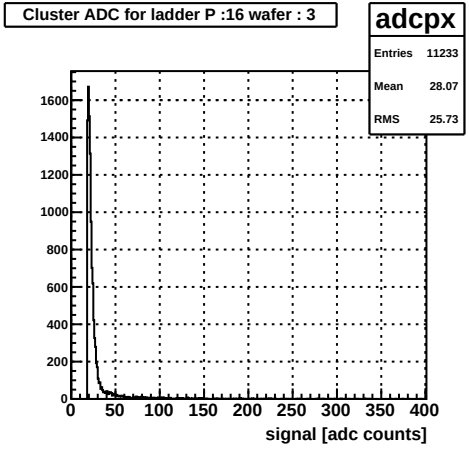

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 22161
Mean 31.78
RMS 16.8
signal [adc counts]

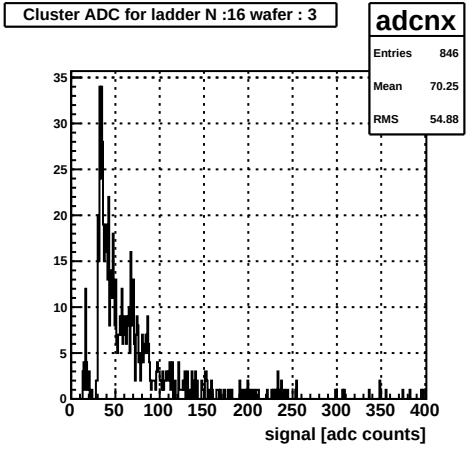

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 7462
Mean 38.75
RMS 36.68
signal [adc counts]

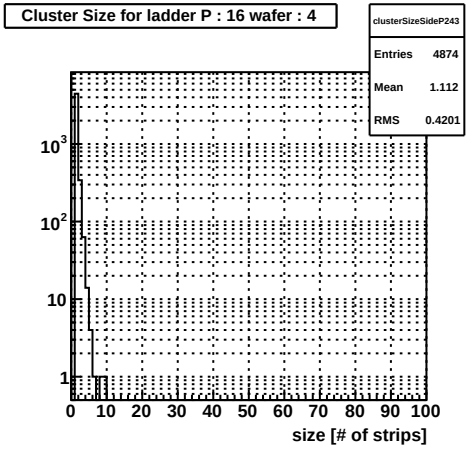

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 11233
Mean 1.064
RMS 0.2877
size [# of strips]

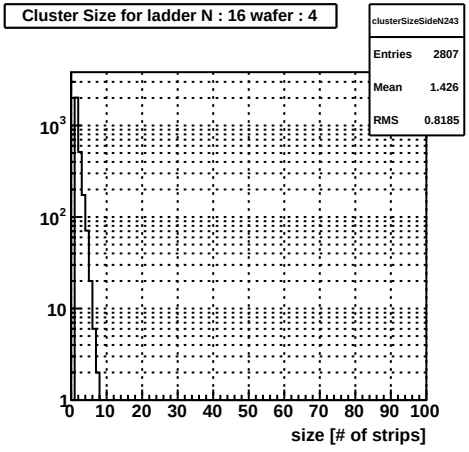

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 846
Mean 1.225
RMS 0.4998
size [# of strips]

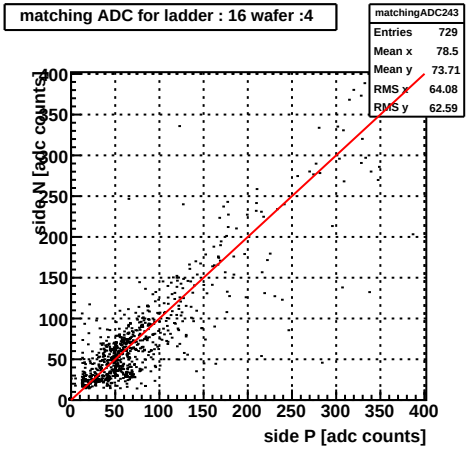

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 470
Mean x 92.77
Mean y 79.86
RMS x 65.72
RMS y 59.86
side N [adc counts]
side P [adc counts]

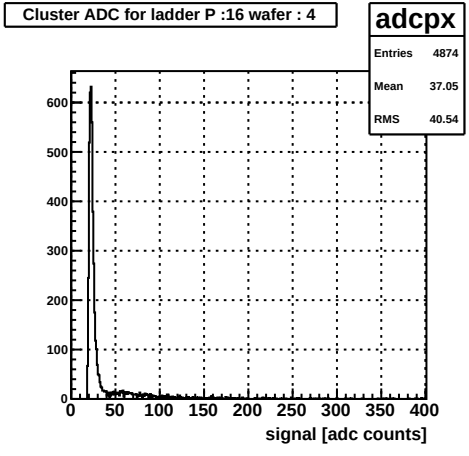

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 11233
Mean 28.07
RMS 25.73
signal [adc counts]

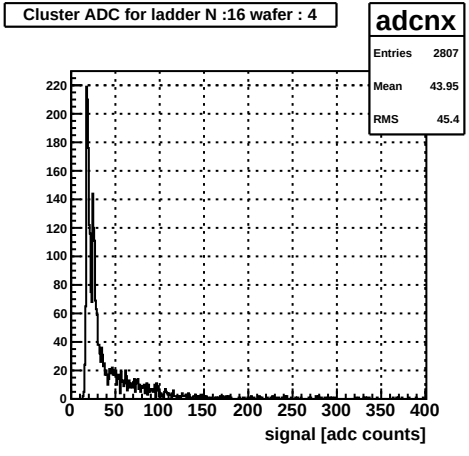

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 846
Mean 70.25
RMS 54.88
signal [adc counts]

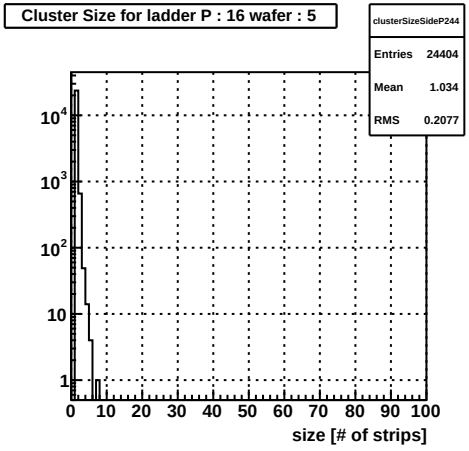

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 4874
Mean 1.112
RMS 0.4201
size [# of strips]

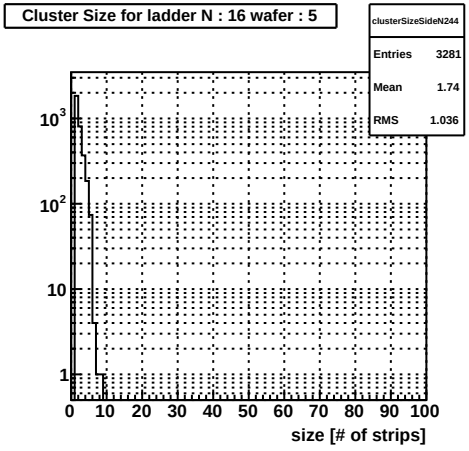

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 2807
Mean 1.426
RMS 0.8185
size [# of strips]

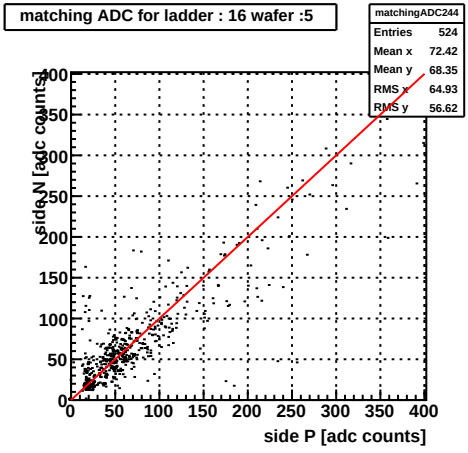

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 729
Mean x 78.5
Mean y 73.71
RMS x 64.08
RMS y 62.59
side N [adc counts]
side P [adc counts]

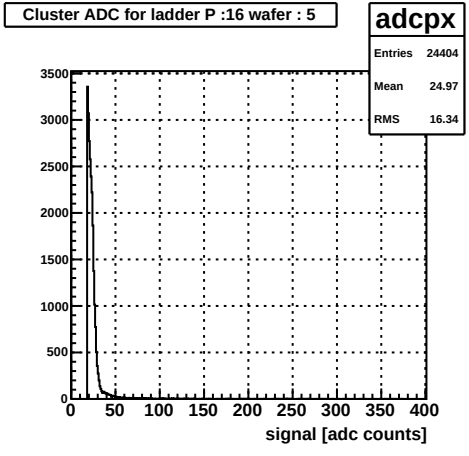

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 4874
Mean 37.05
RMS 40.54
signal [adc counts]

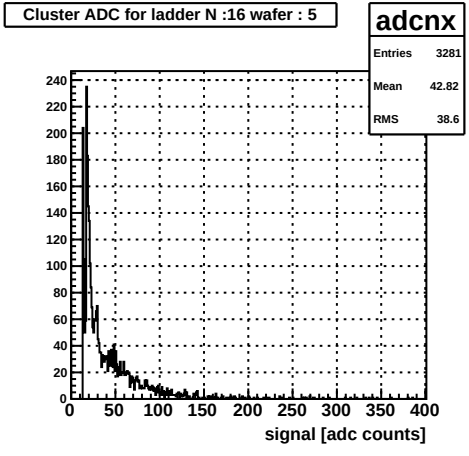

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 2807
Mean 43.95
RMS 45.4
signal [adc counts]

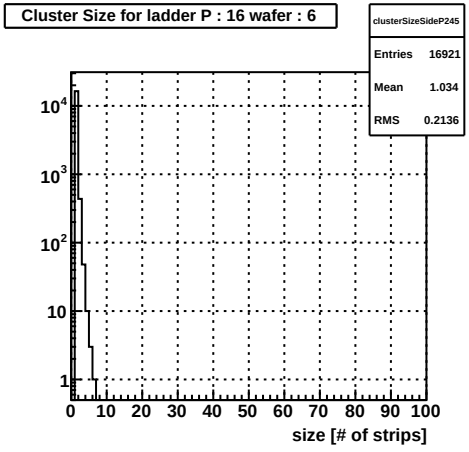

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 24404
Mean 1.034
RMS 0.2077
size [# of strips]

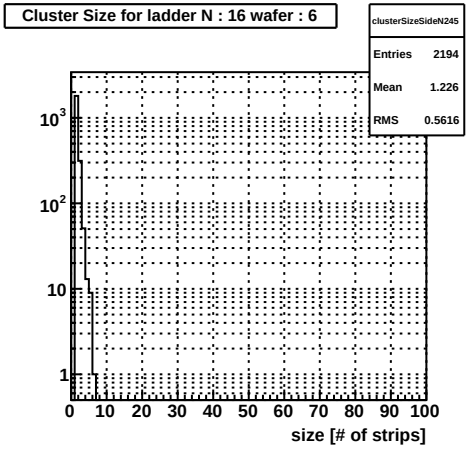

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 3281
Mean 1.74
RMS 1.036
size [# of strips]

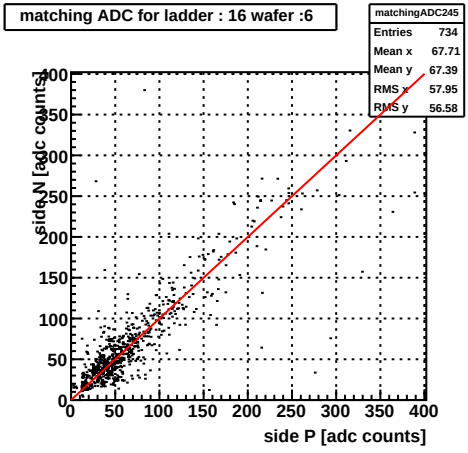

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 524
Mean x 72.42
Mean y 68.35
RMS x 64.93
RMS y 56.62
side N [adc counts]
side P [adc counts]

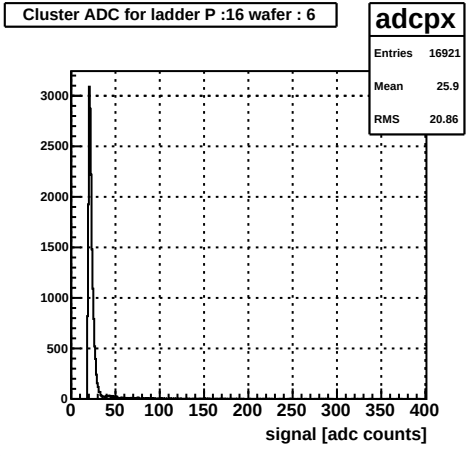

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 24404
Mean 24.97
RMS 16.34
signal [adc counts]

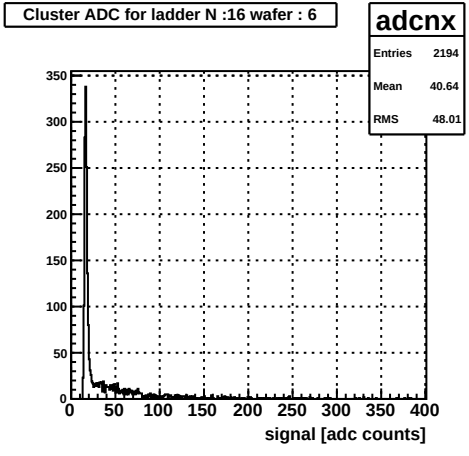

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 3281
Mean 42.82
RMS 38.6
signal [adc counts]

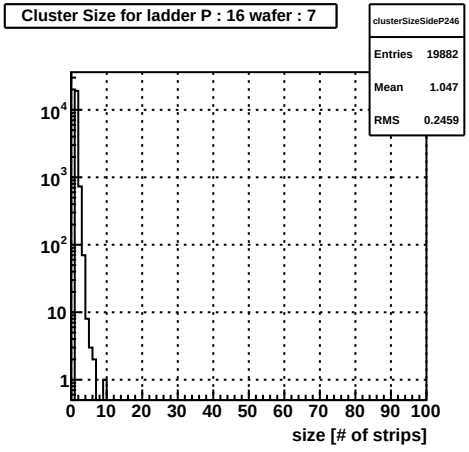

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 16921
Mean 1.034
RMS 0.2136
size [# of strips]

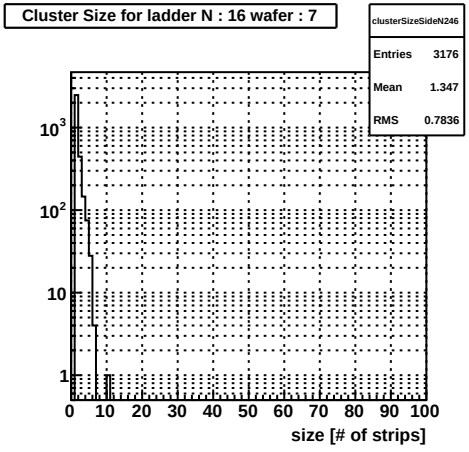

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 2194
Mean 1.226
RMS 0.5616
size [# of strips]

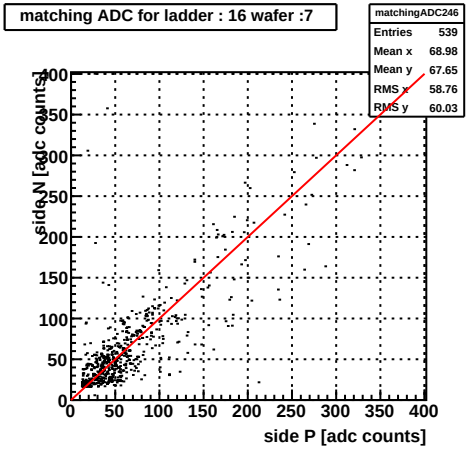

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 734
Mean x 67.71
Mean y 67.39
RMS x 57.95
RMS y 56.58
side N [adc counts]
side P [adc counts]

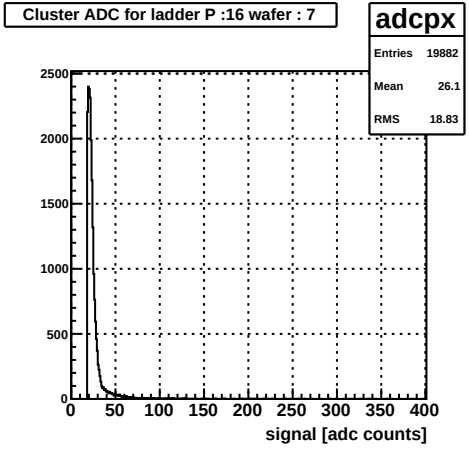

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 16921
Mean 25.9
RMS 20.86
signal [adc counts]

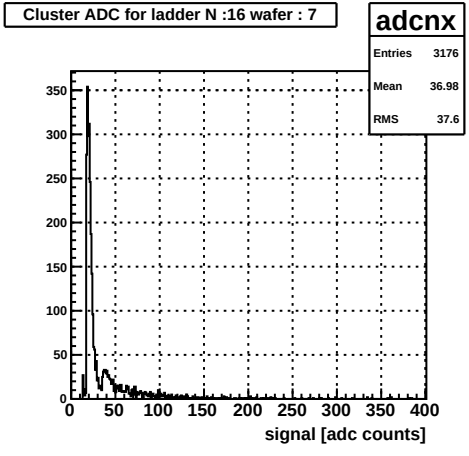

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 2194
Mean 40.64
RMS 48.01
signal [adc counts]

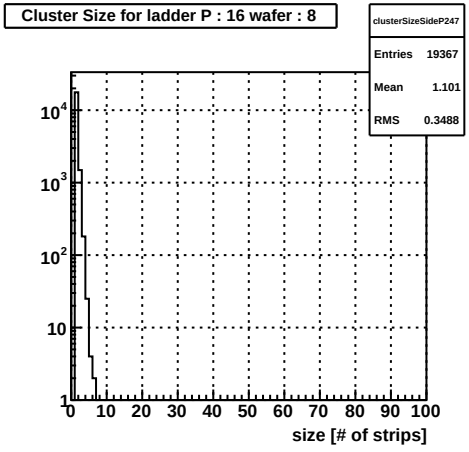

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 19882
Mean 1.047
RMS 0.2459
size [# of strips]

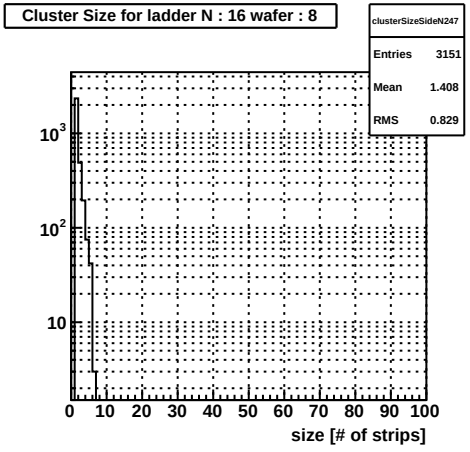

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 3176
Mean 1.347
RMS 0.7836
size [# of strips]

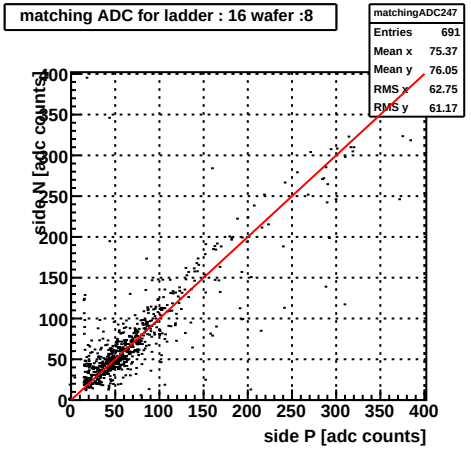

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 539
Mean x 68.98
Mean y 67.65
RMS x 58.76
RMS y 60.03
side N [adc counts]
side P [adc counts]

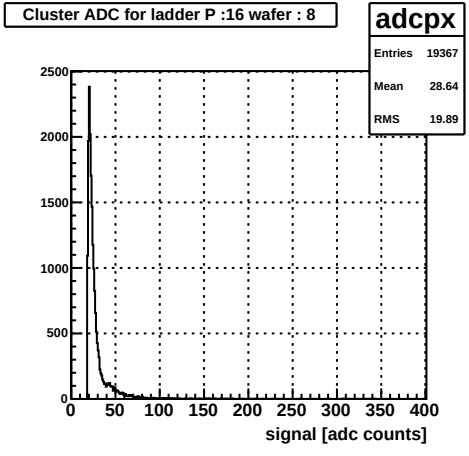

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 19882
Mean 26.1
RMS 18.83
signal [adc counts]

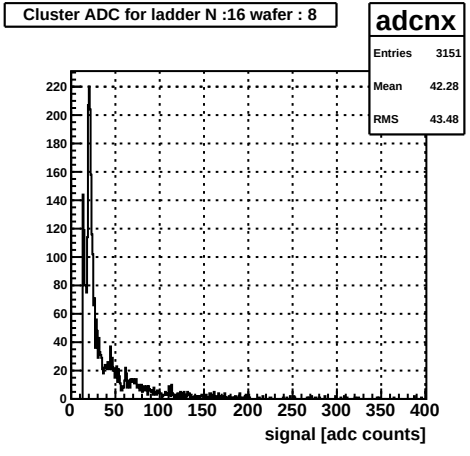

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 3176
Mean 36.98
RMS 37.6
signal [adc counts]

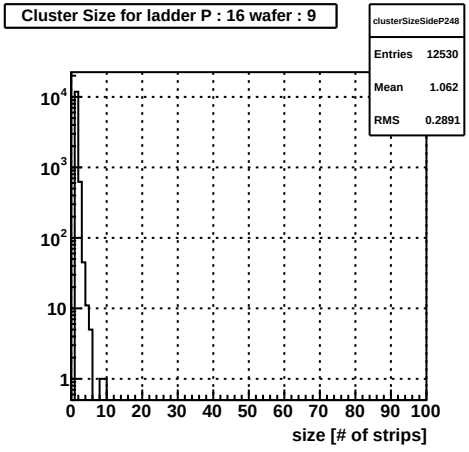

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 19367
Mean 1.101
RMS 0.3488
size [# of strips]

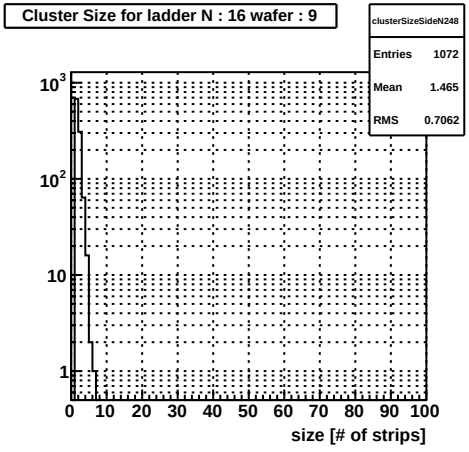

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 3151
Mean 1.408
RMS 0.829
size [# of strips]

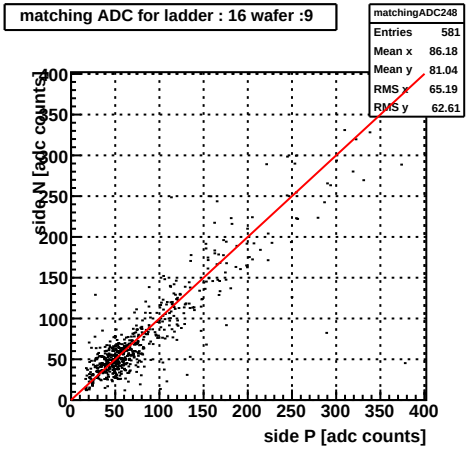

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 691
Mean x 75.37
Mean y 76.05
RMS x 62.75
RMS y 61.17
side N [adc counts]
side P [adc counts]

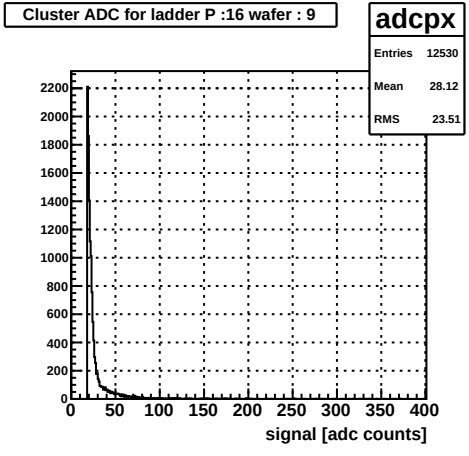

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 19367
Mean 28.64
RMS 19.89
signal [adc counts]

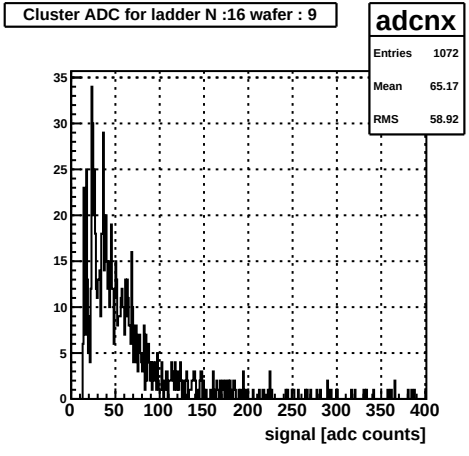

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 3151
Mean 42.28
RMS 43.48
signal [adc counts]

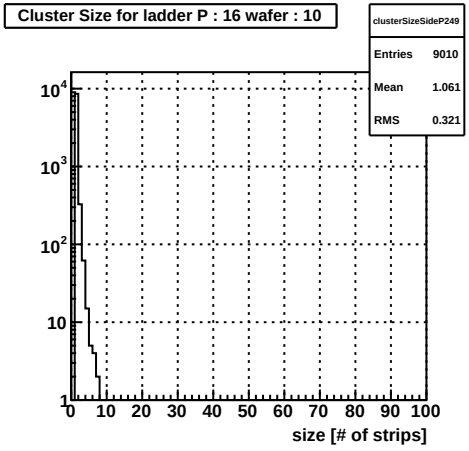

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 12530
Mean 1.062
RMS 0.2891
size [# of strips]

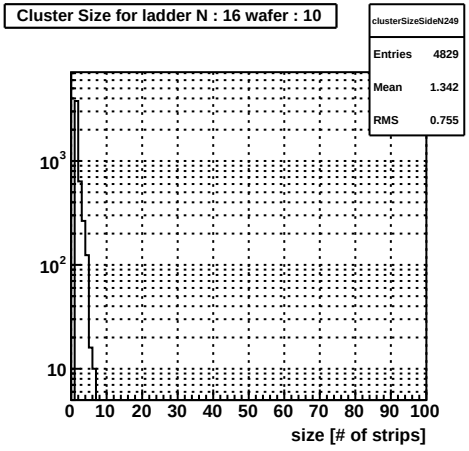

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 1072
Mean 1.465
RMS 0.7062
size [# of strips]

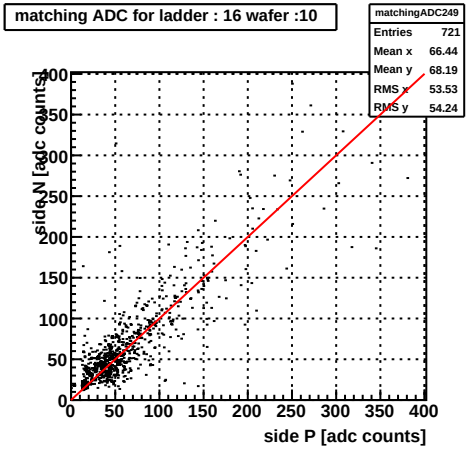

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 581
Mean x 86.18
Mean y 81.04
RMS x 65.19
RMS y 62.61
side N [adc counts]
side P [adc counts]

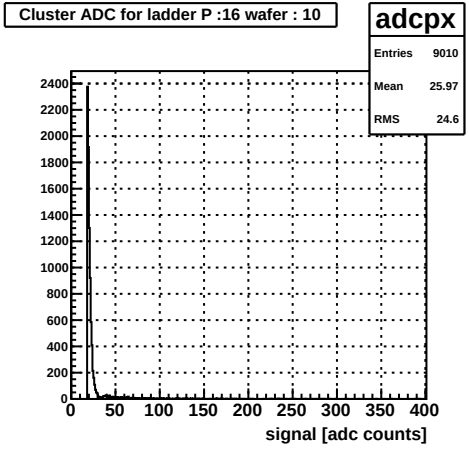

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 12530
Mean 28.12
RMS 23.51
signal [adc counts]

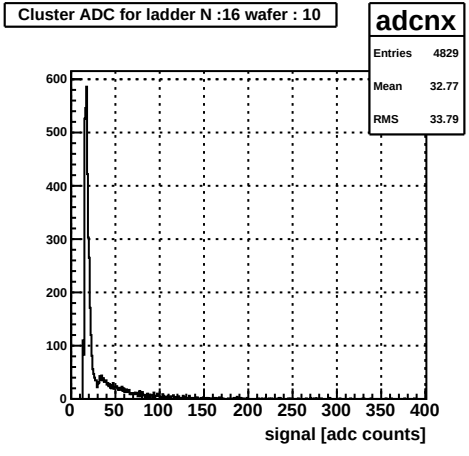

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 1072
Mean 65.17
RMS 58.92
signal [adc counts]

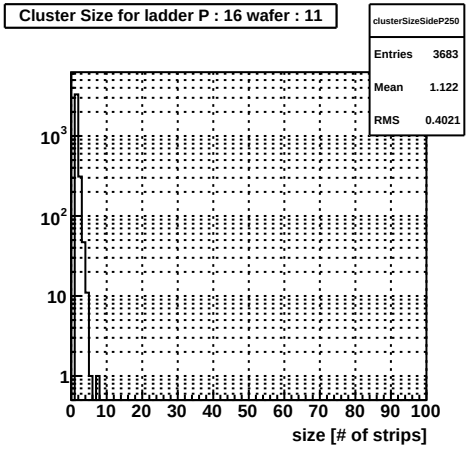

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 9010
Mean 1.061
RMS 0.321
size [# of strips]

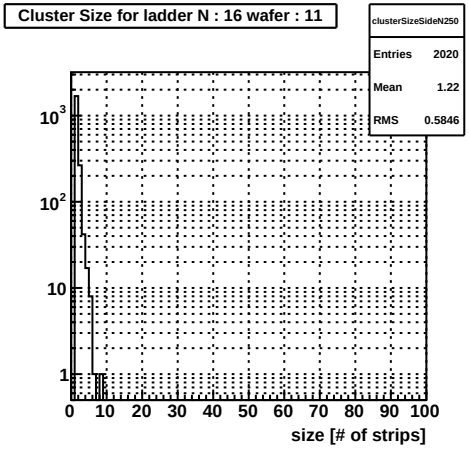

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 4829
Mean 1.342
RMS 0.755
size [# of strips]

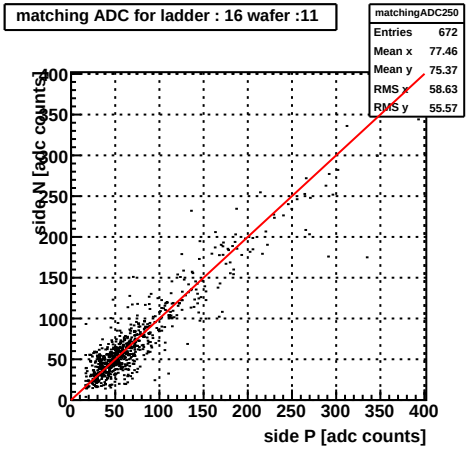

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 721
Mean x 66.44
Mean y 68.19
RMS x 53.53
RMS y 54.24
side N [adc counts]
side P [adc counts]

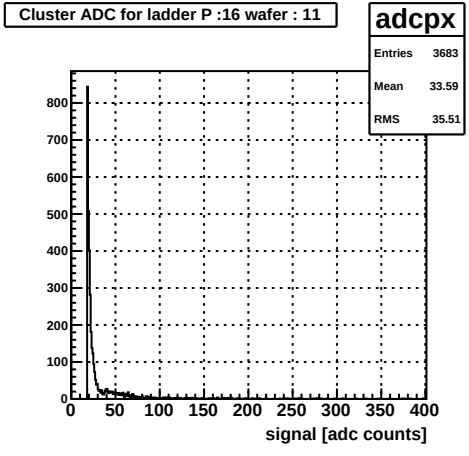

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 9010
Mean 25.97
RMS 24.6
signal [adc counts]

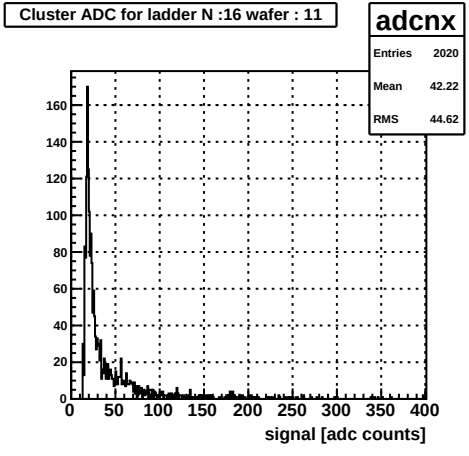

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 4829
Mean 32.77
RMS 33.79
signal [adc counts]

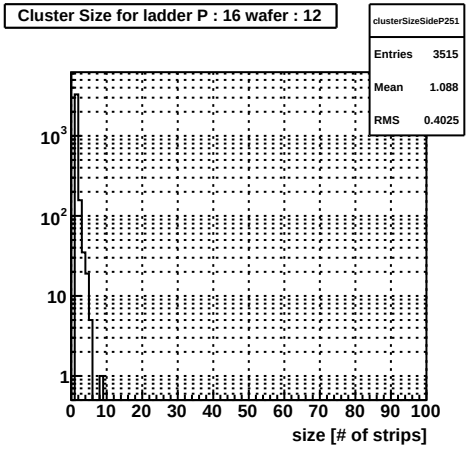

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 3683
Mean 1.122
RMS 0.4021
size [# of strips]

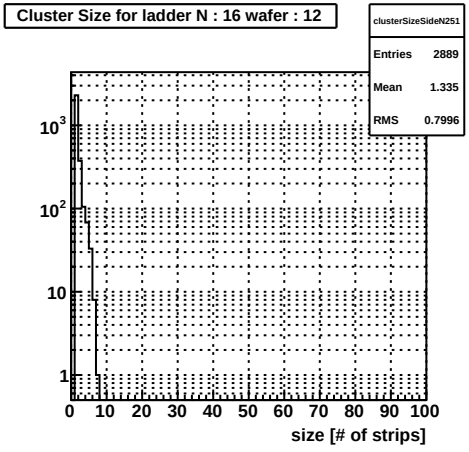

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 2020
Mean 1.22
RMS 0.5846
size [# of strips]

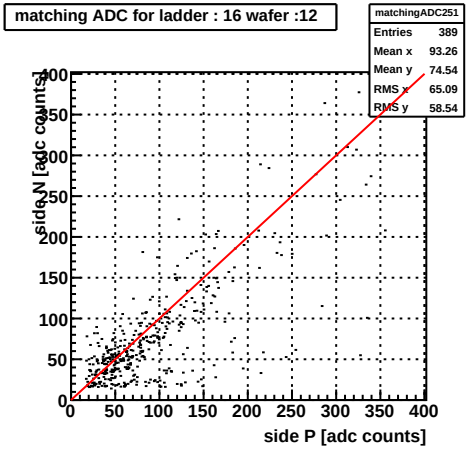

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 672
Mean x 77.46
Mean y 75.37
RMS x 58.63
RMS y 55.57
side N [adc counts]
side P [adc counts]

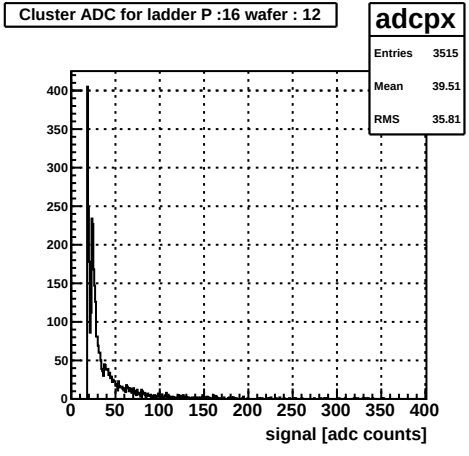

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 3683
Mean 33.59
RMS 35.51
signal [adc counts]

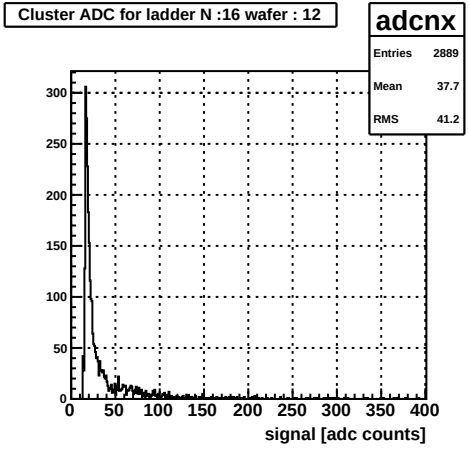

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 2020
Mean 42.22
RMS 44.62
signal [adc counts]

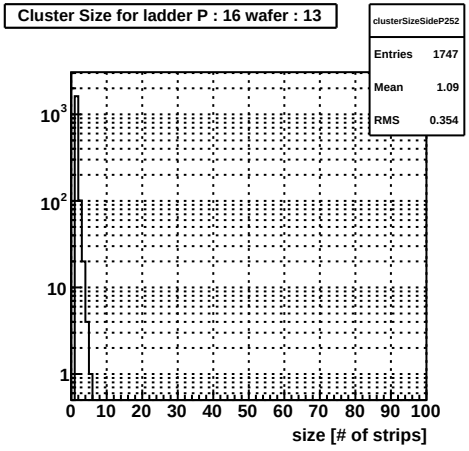

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 3515
Mean 1.088
RMS 0.4025
size [# of strips]

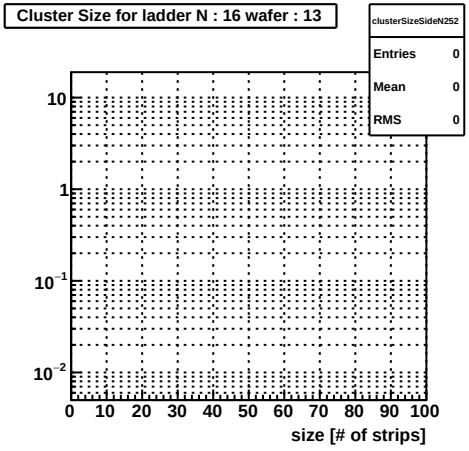

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 2889
Mean 1.335
RMS 0.7996
size [# of strips]

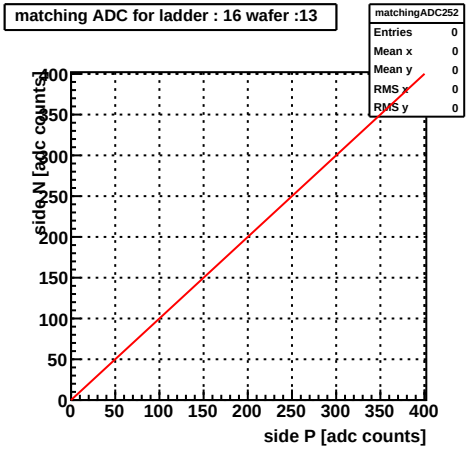

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 389
Mean x 93.26
Mean y 74.54
RMS x 65.09
RMS y 58.54
side N [adc counts]
side P [adc counts]

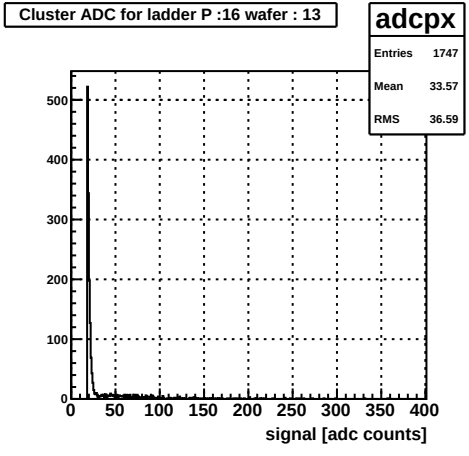

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 3515
Mean 39.51
RMS 35.81
signal [adc counts]

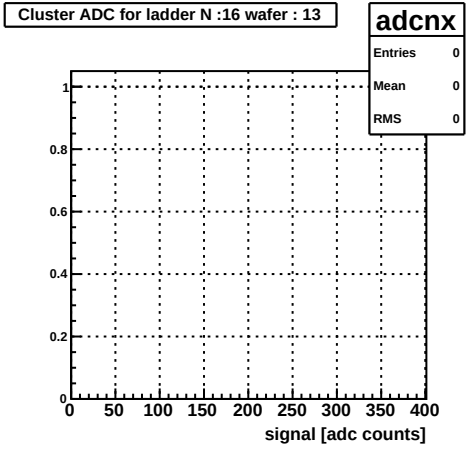

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 2889
Mean 37.7
RMS 41.2
signal [adc counts]

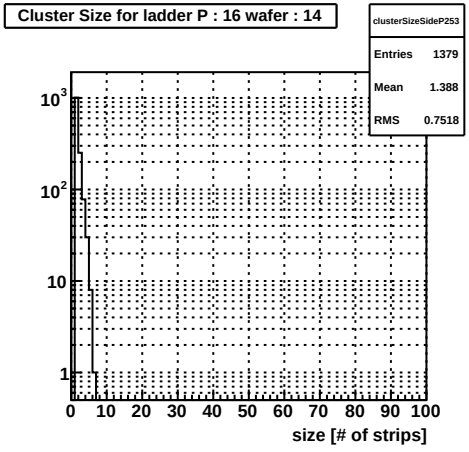

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 1747
Mean 1.09
RMS 0.354
size [# of strips]

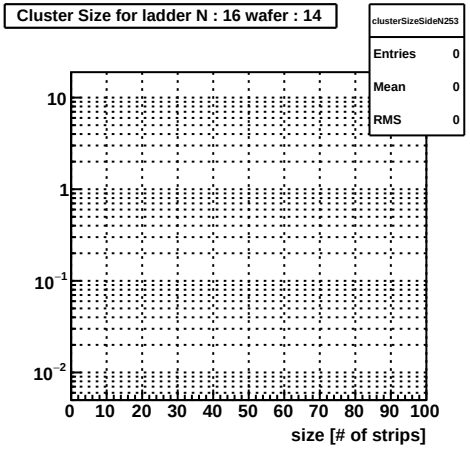

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

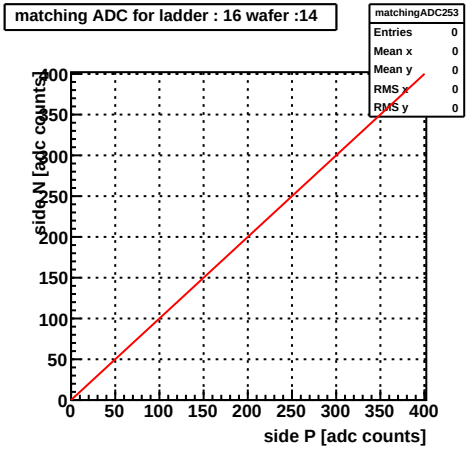

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

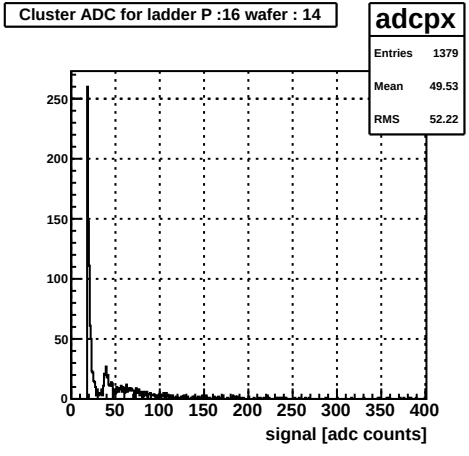

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 1747
Mean 33.57
RMS 36.59
signal [adc counts]

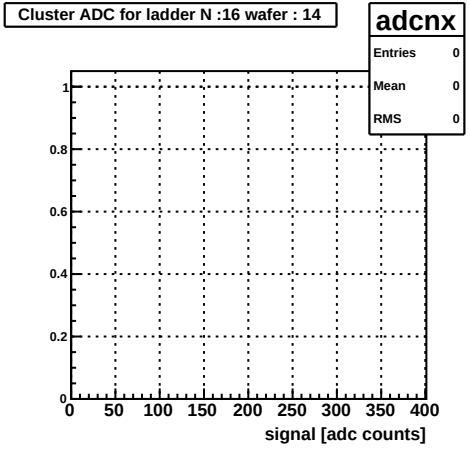

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

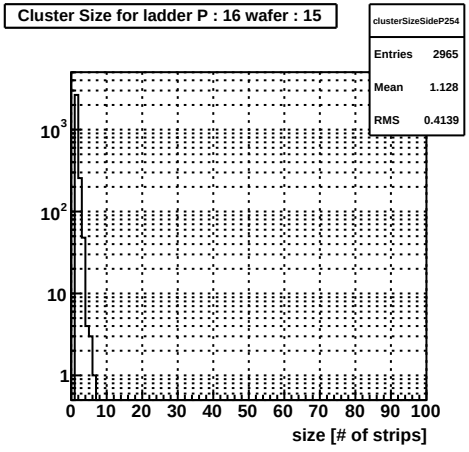

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 1379
Mean 1.388
RMS 0.7518
size [# of strips]

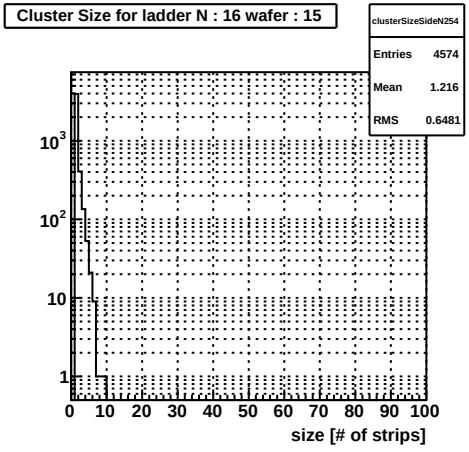

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

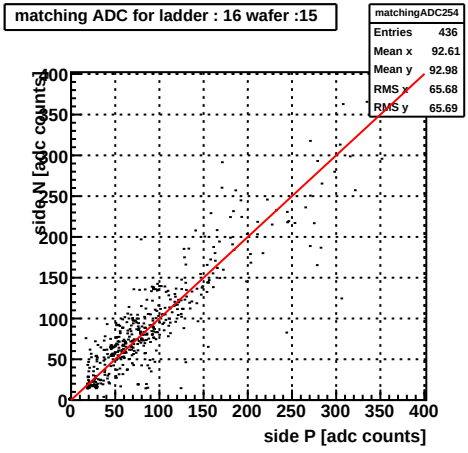

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

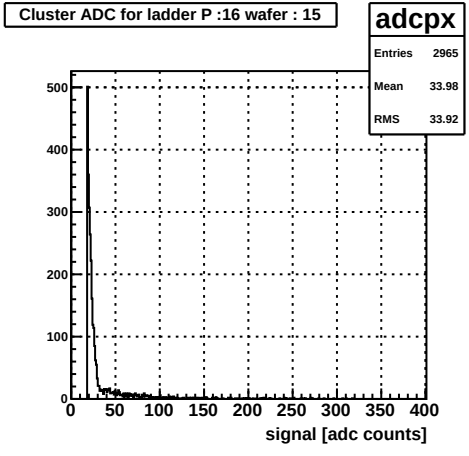

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 1379
Mean 49.53
RMS 52.22
signal [adc counts]

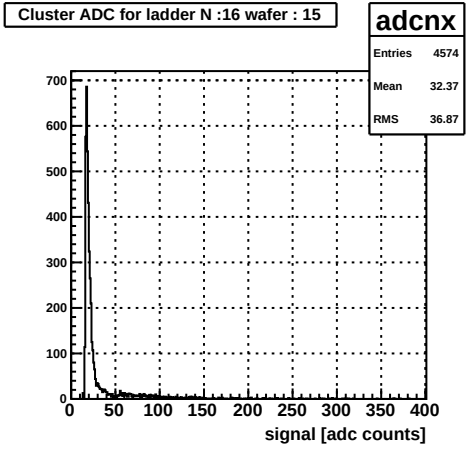

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

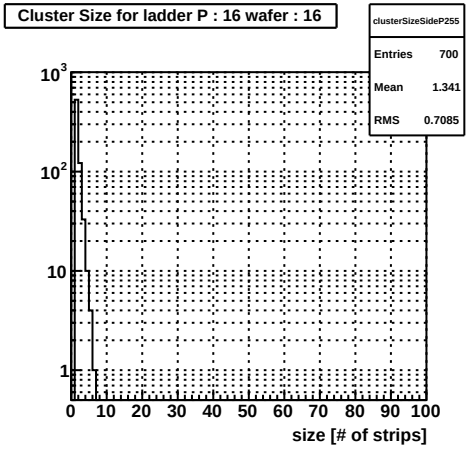

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 2965
Mean 1.128
RMS 0.4139
size [# of strips]

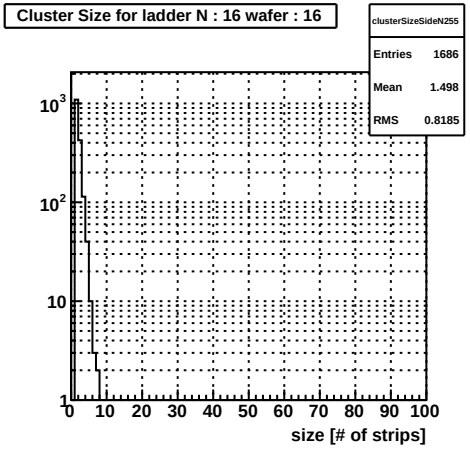

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 4574
Mean 1.216
RMS 0.6481
size [# of strips]

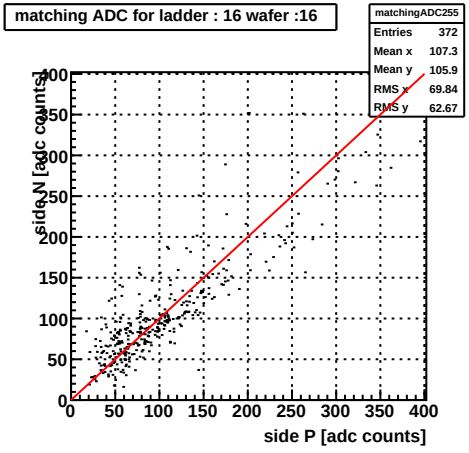

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 436
Mean x 92.61
Mean y 92.98
RMS x 65.68
RMS y 65.69
side N [adc counts]
side P [adc counts]

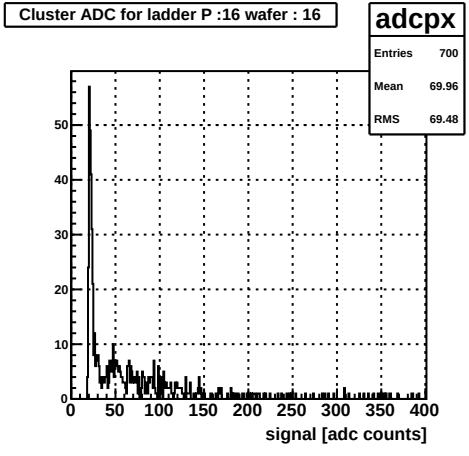

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 2965
Mean 33.98
RMS 33.92
signal [adc counts]

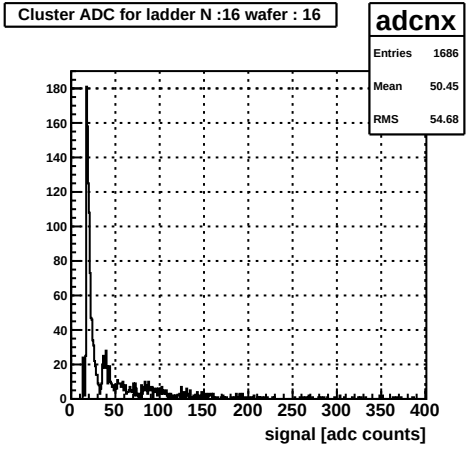

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 4574
Mean 32.37
RMS 36.87
signal [adc counts]

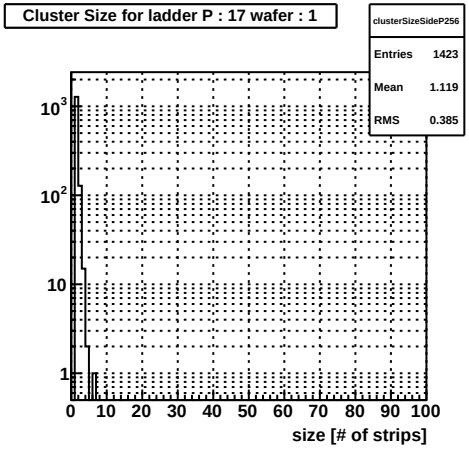

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 700
Mean 1.341
RMS 0.7085
size [# of strips]

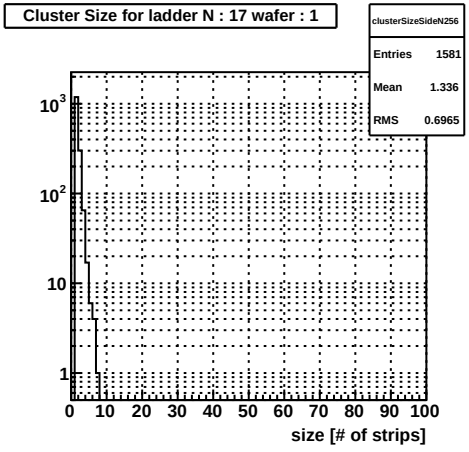

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 1686
Mean 1.498
RMS 0.8185
size [# of strips]

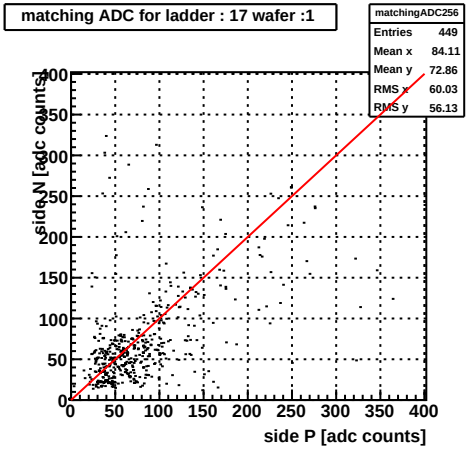

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 372
Mean x 107.3
Mean y 105.9
RMS x 69.84
RMS y 62.67
side N [adc counts]
side P [adc counts]

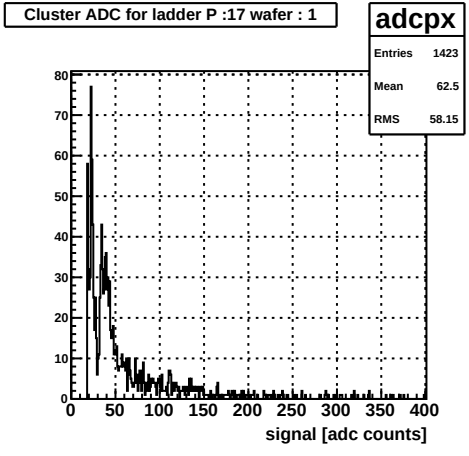

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 700
Mean 69.96
RMS 69.48
signal [adc counts]

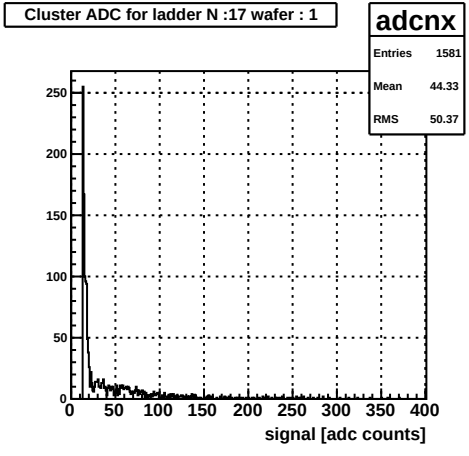

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 1686
Mean 50.45
RMS 54.68
signal [adc counts]

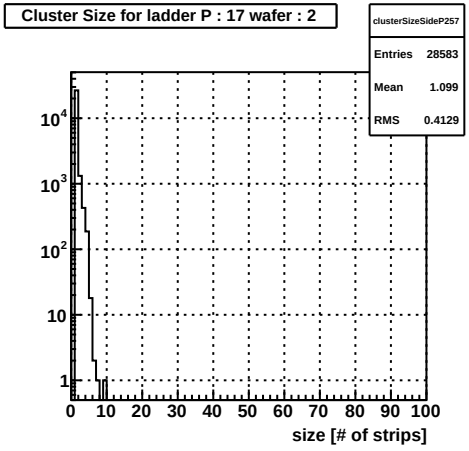

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 1423
Mean 1.119
RMS 0.385
size [# of strips]

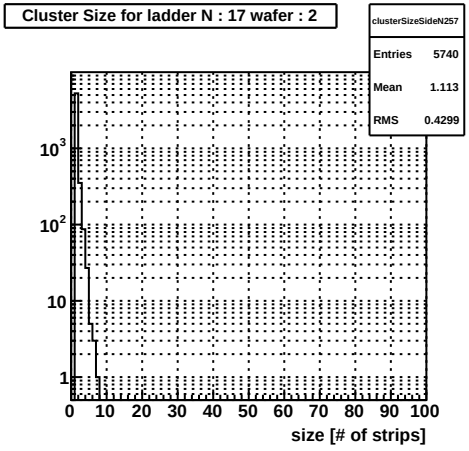

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 1581
Mean 1.336
RMS 0.6965
size [# of strips]

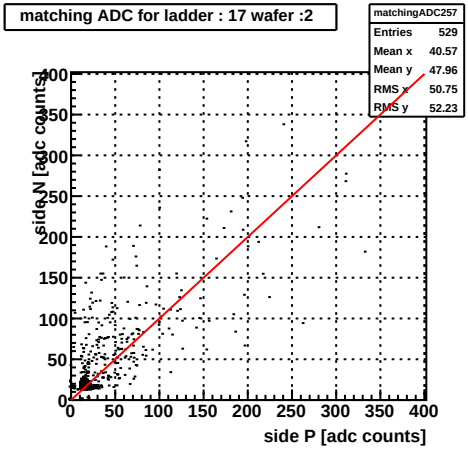

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 449
Mean x 84.11
Mean y 72.86
RMS x 60.03
RMS y 56.13
side N [adc counts]
side P [adc counts]

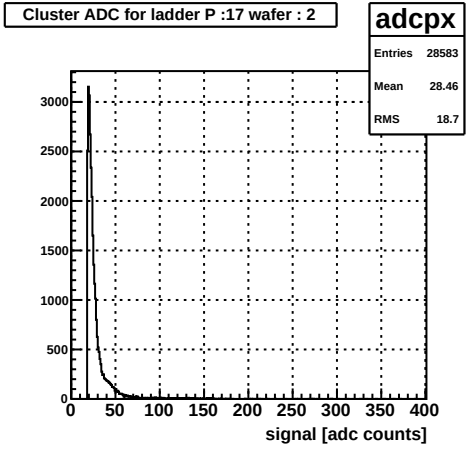

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 1423
Mean 62.5
RMS 58.15
signal [adc counts]

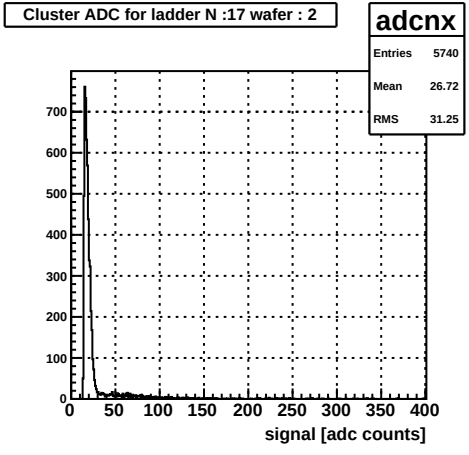

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 1581
Mean 44.33
RMS 50.37
signal [adc counts]

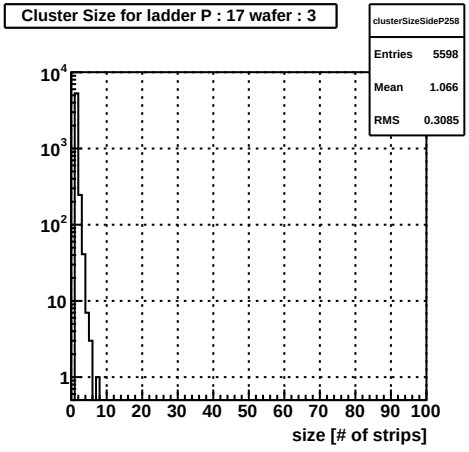

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 28583
Mean 1.099
RMS 0.4129
size [# of strips]

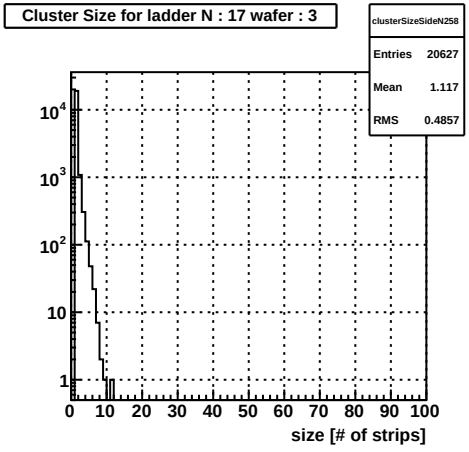

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 5740
Mean 1.113
RMS 0.4299
size [# of strips]

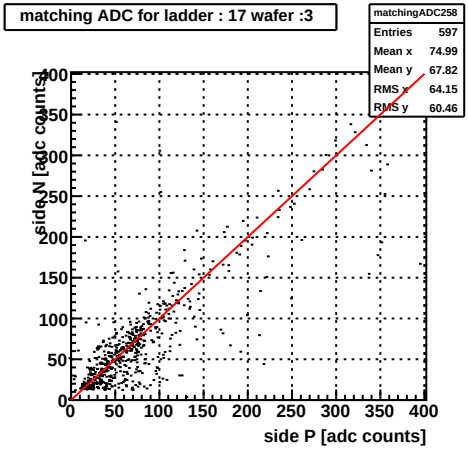

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 529
Mean x 40.57
Mean y 47.96
RMS x 50.75
RMS y 52.23
side N [adc counts]
side P [adc counts]

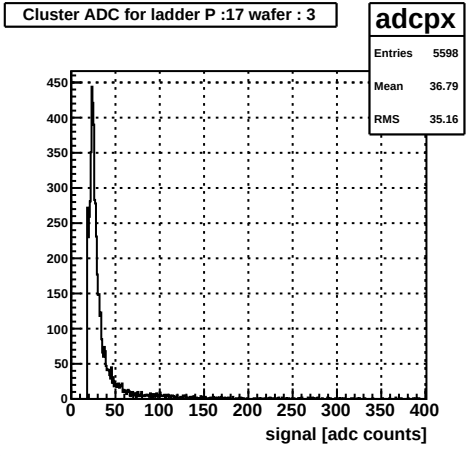

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 28583
Mean 28.46
RMS 18.7
signal [adc counts]

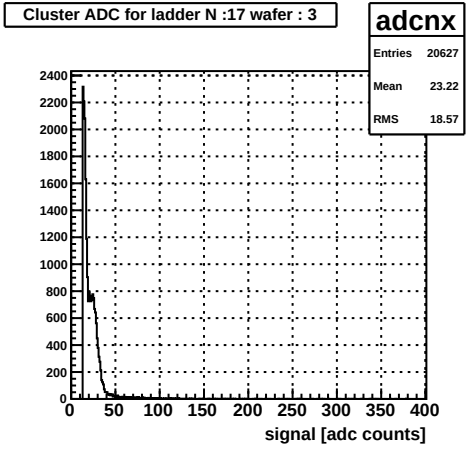

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 5740
Mean 26.72
RMS 31.25
signal [adc counts]

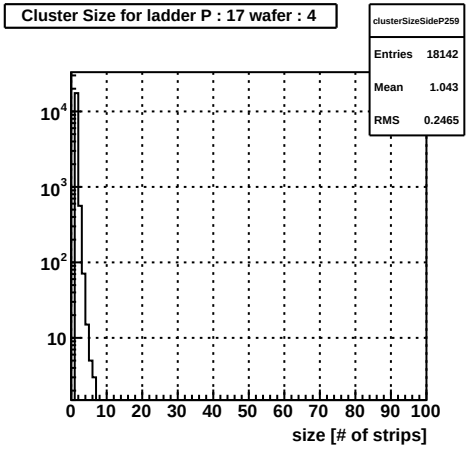

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 5598
Mean 1.066
RMS 0.3085
size [# of strips]

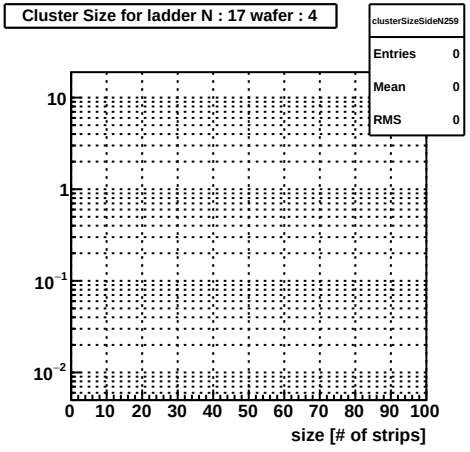

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 20627
Mean 1.117
RMS 0.4857
size [# of strips]

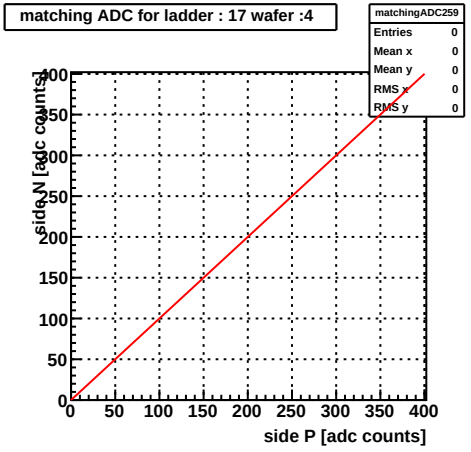

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 597
Mean x 74.99
Mean y 67.82
RMS x 64.15
RMS y 60.46
side N [adc counts]
side P [adc counts]

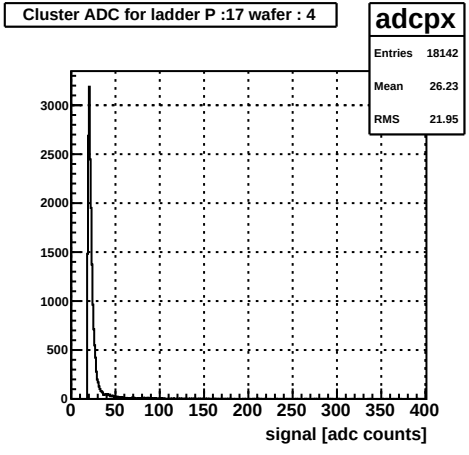

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 5598
Mean 36.79
RMS 35.16
signal [adc counts]

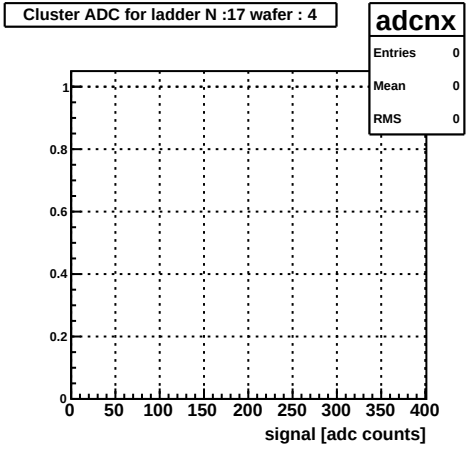

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 20627
Mean 23.22
RMS 18.57
signal [adc counts]

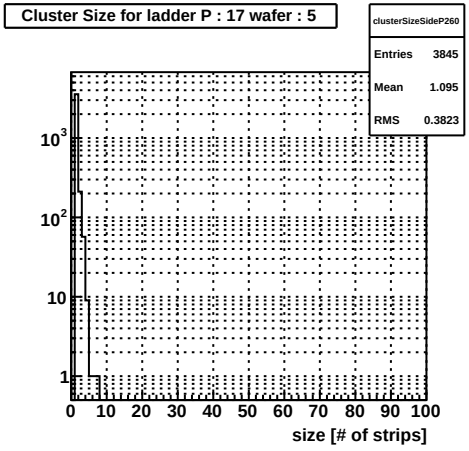

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 18142
Mean 1.043
RMS 0.2465
size [# of strips]

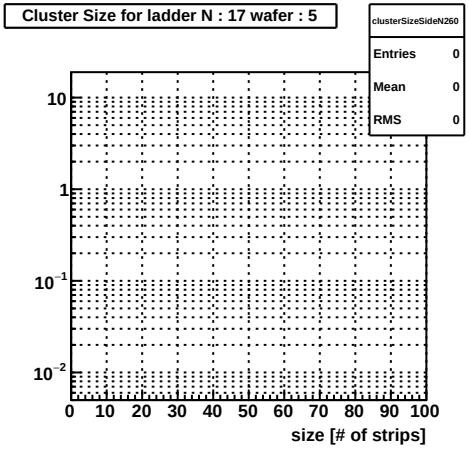

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

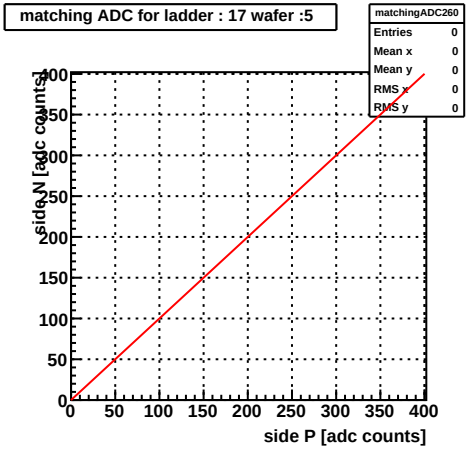

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

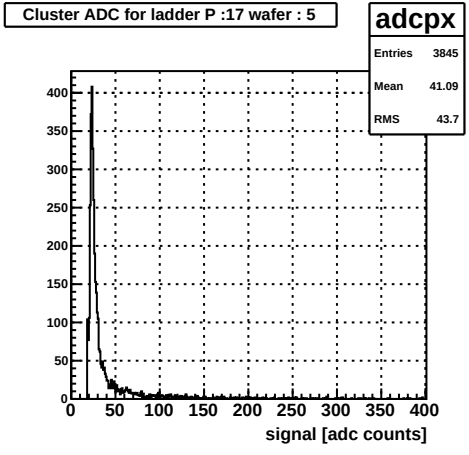

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 18142
Mean 26.23
RMS 21.95
signal [adc counts]

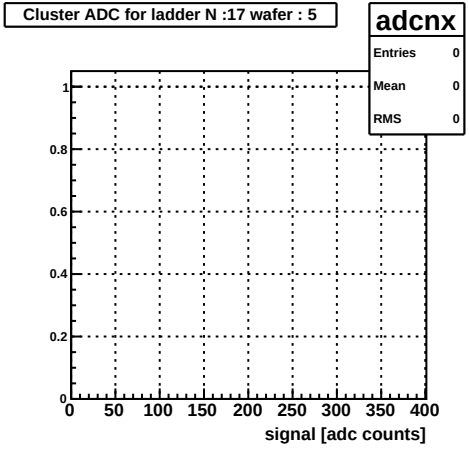

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

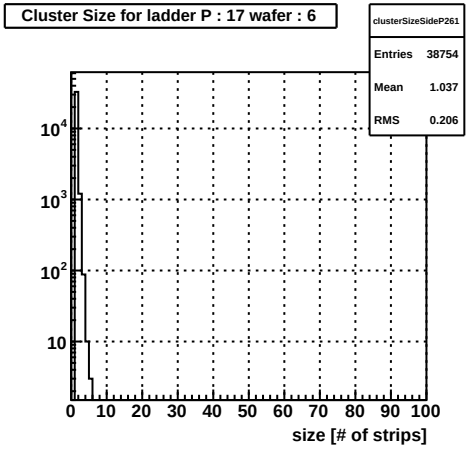

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 3845
Mean 1.095
RMS 0.3823
size [# of strips]

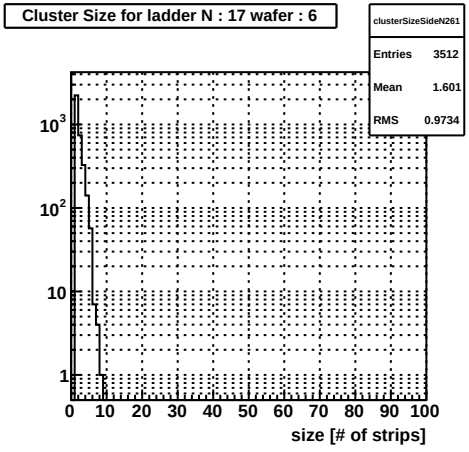

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

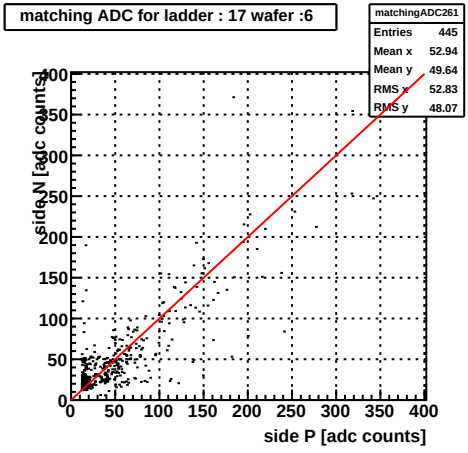

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

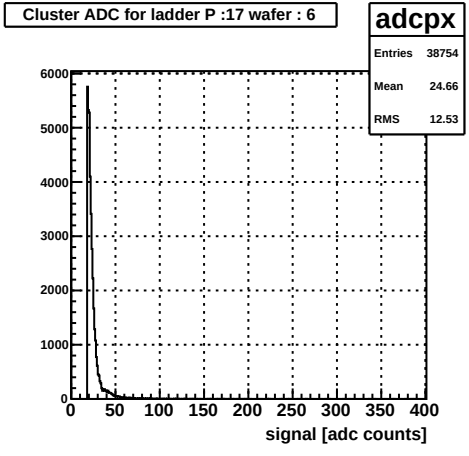

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 3845
Mean 41.09
RMS 43.7
signal [adc counts]

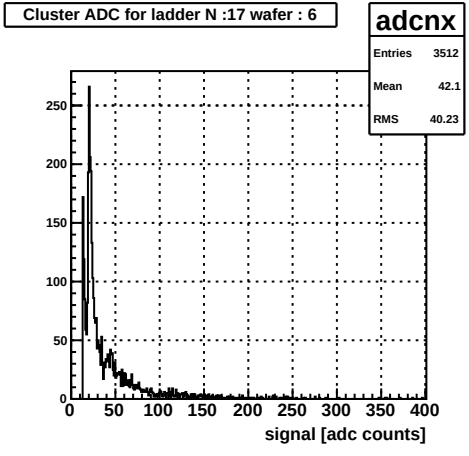

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

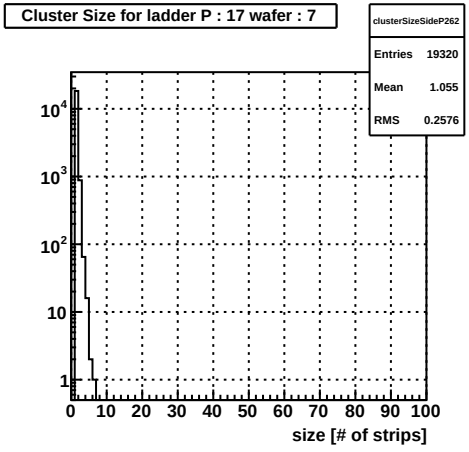

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 38754
Mean 1.037
RMS 0.206
size [# of strips]

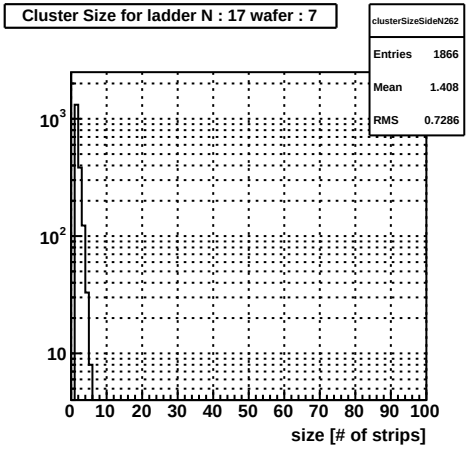

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 3512
Mean 1.601
RMS 0.9734
size [# of strips]

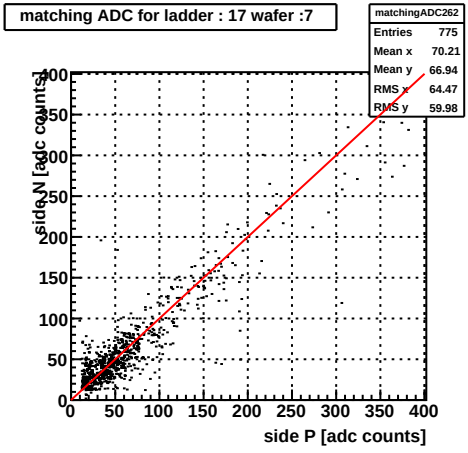

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 445
Mean x 52.94
Mean y 49.64
RMS x 52.83
RMS y 48.07
side N [adc counts]
side P [adc counts]

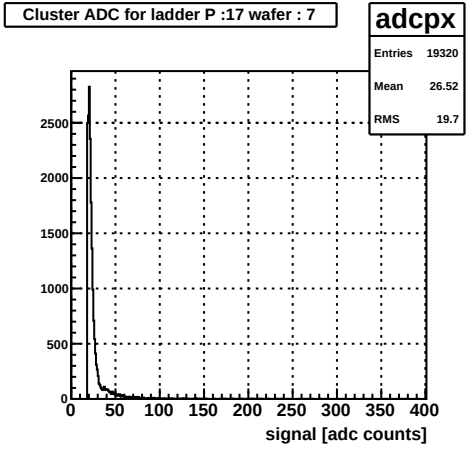

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 38754
Mean 24.66
RMS 12.53
signal [adc counts]

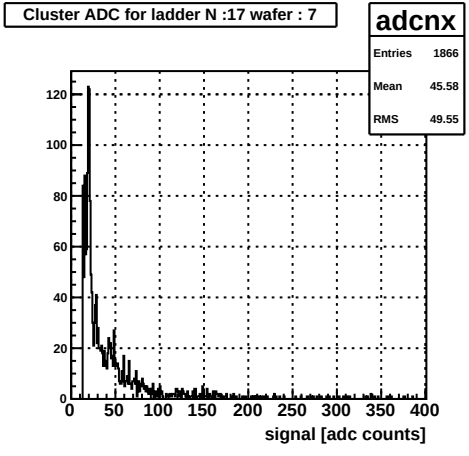

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 3512
Mean 42.1
RMS 40.23
signal [adc counts]

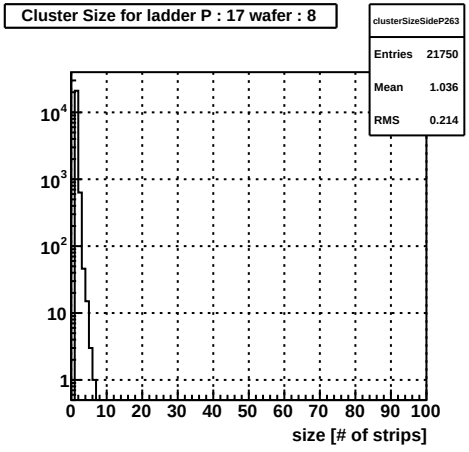

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 19320
Mean 1.055
RMS 0.2576
size [# of strips]

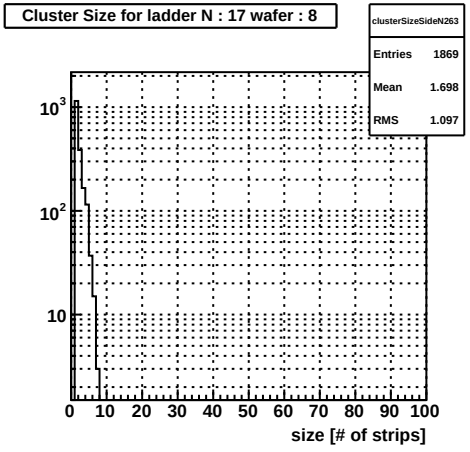

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 1866
Mean 1.408
RMS 0.7286
size [# of strips]

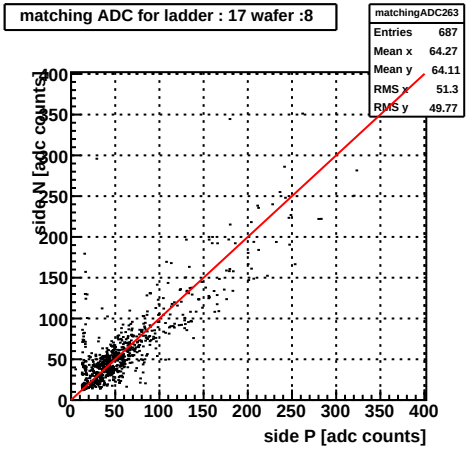

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 775
Mean x 70.21
Mean y 66.94
RMS x 64.47
RMS y 59.98
side N [adc counts]
side P [adc counts]

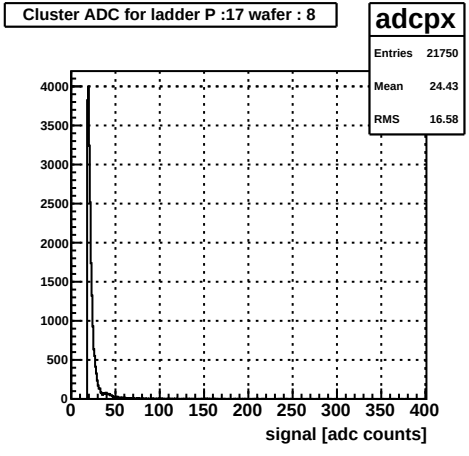

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 19320
Mean 26.52
RMS 19.7
signal [adc counts]

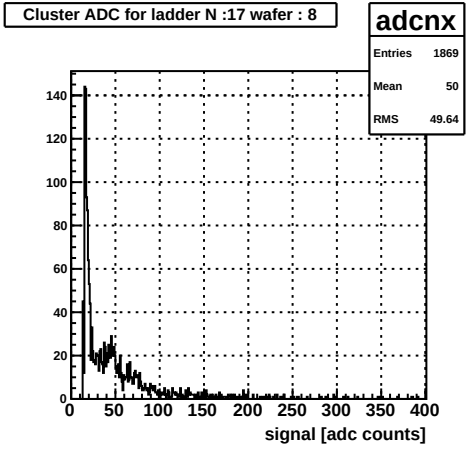

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 1866
Mean 45.58
RMS 49.55
signal [adc counts]

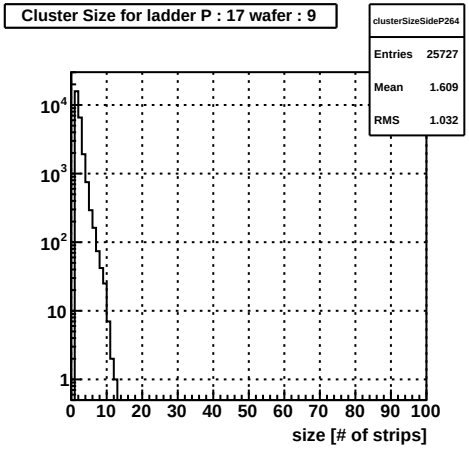

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 21750
Mean 1.036
RMS 0.214
size [# of strips]

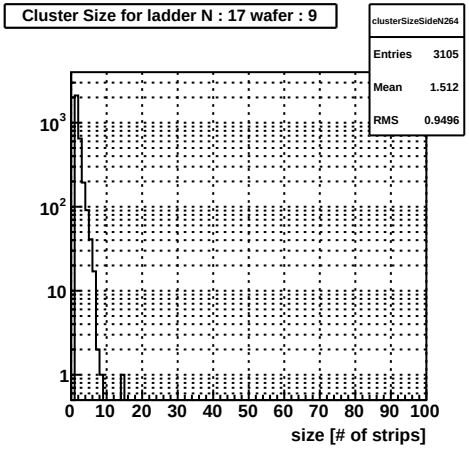

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 1869
Mean 1.698
RMS 1.097
size [# of strips]

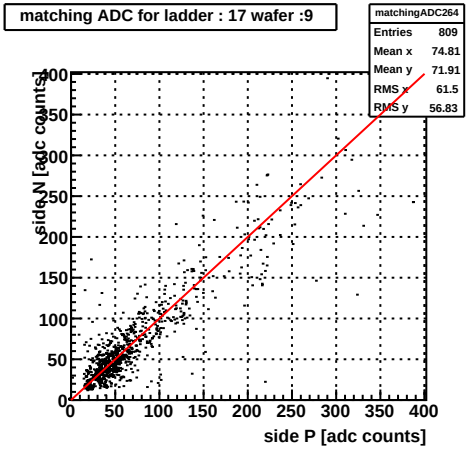

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 687
Mean x 64.27
Mean y 64.11
RMS x 51.3
RMS y 49.77
side N [adc counts]
side P [adc counts]

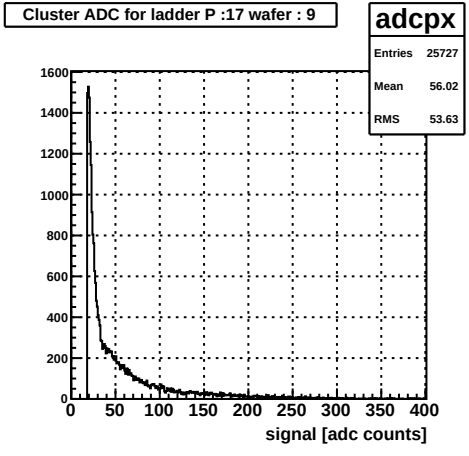

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 21750
Mean 24.43
RMS 16.58
signal [adc counts]

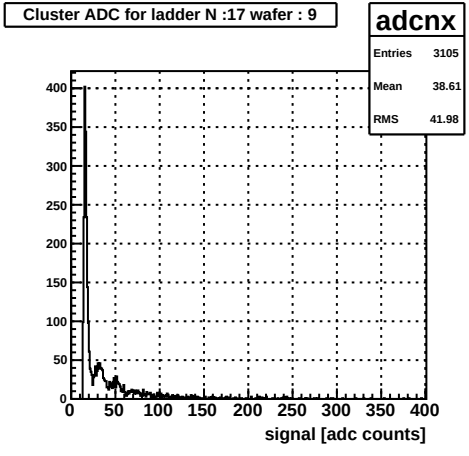

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 1869
Mean 50
RMS 49.64
signal [adc counts]

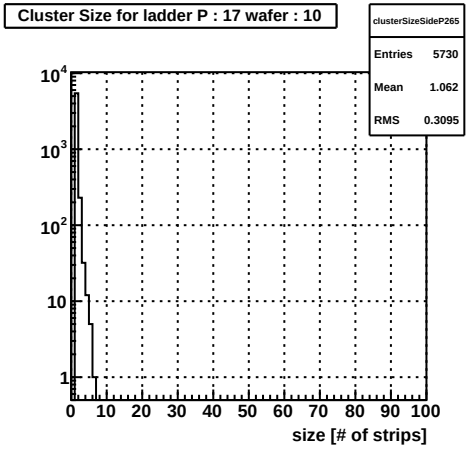

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 25727
Mean 1.609
RMS 1.032
size [# of strips]

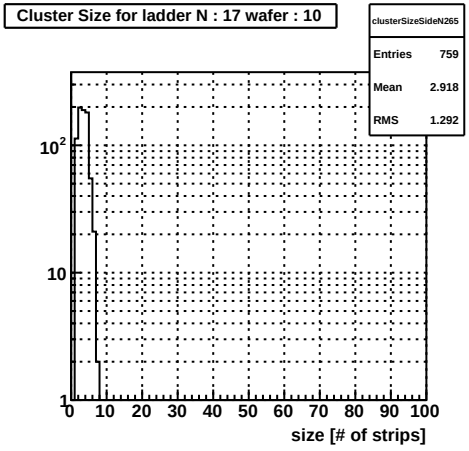

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 3105
Mean 1.512
RMS 0.9496
size [# of strips]

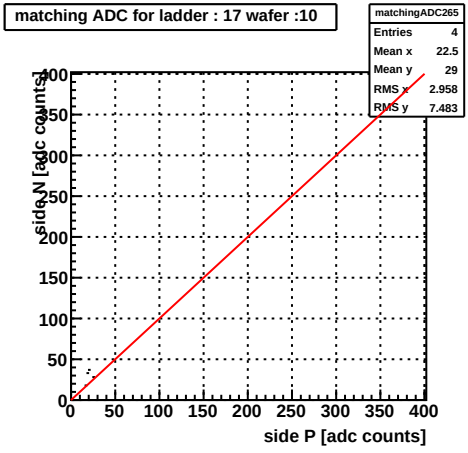

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 809
Mean x 74.81
Mean y 71.91
RMS x 61.5
RMS y 56.83
side N [adc counts]
side P [adc counts]

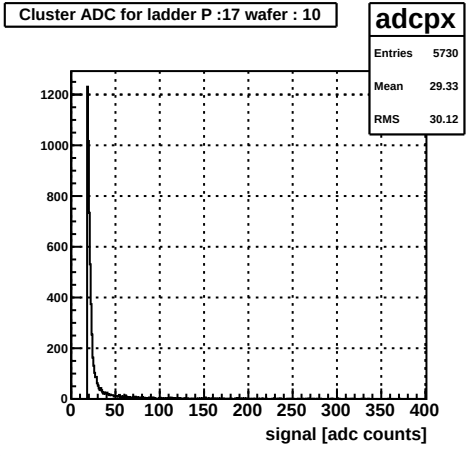

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 25727
Mean 56.02
RMS 53.63
signal [adc counts]

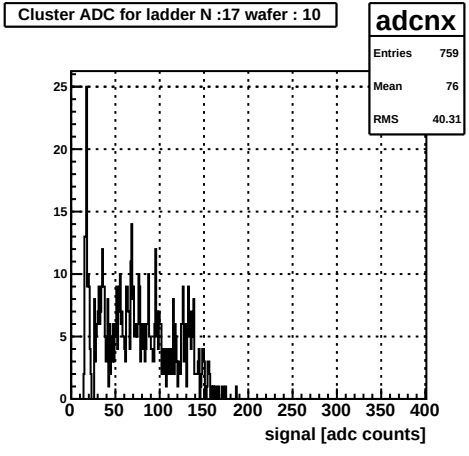

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 3105
Mean 38.61
RMS 41.98
signal [adc counts]

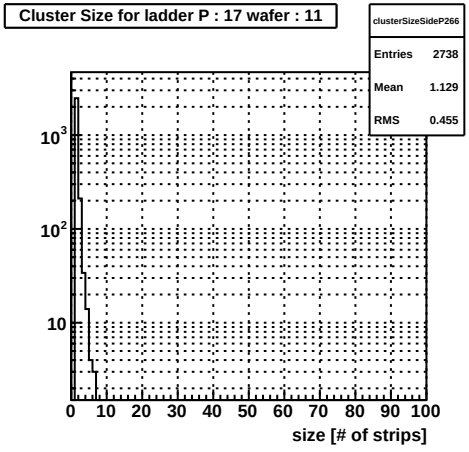

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 5730
Mean 1.062
RMS 0.3095
size [# of strips]

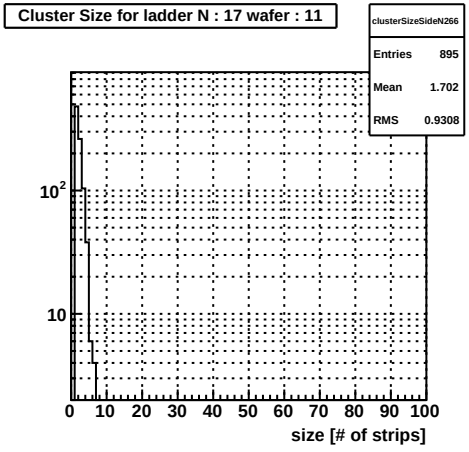

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 759
Mean 2.918
RMS 1.292
size [# of strips]

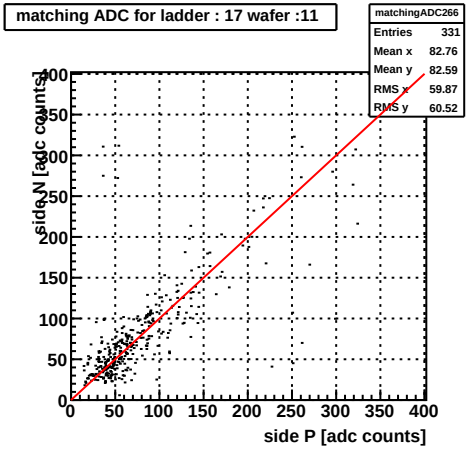

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 4
Mean x 22.5
Mean y 29
RMS x 2.958
RMS y 7.483
side N [adc counts]
side P [adc counts]

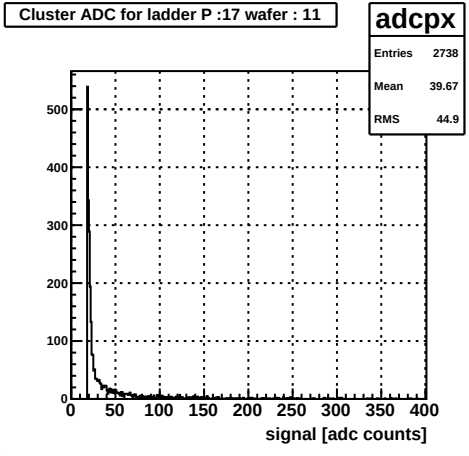

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 5730
Mean 29.33
RMS 30.12
signal [adc counts]

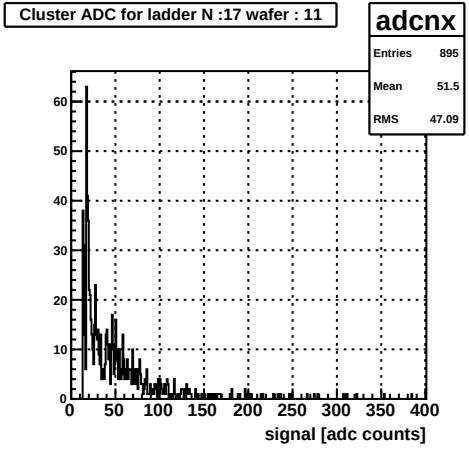

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 759
Mean 76
RMS 40.31
signal [adc counts]

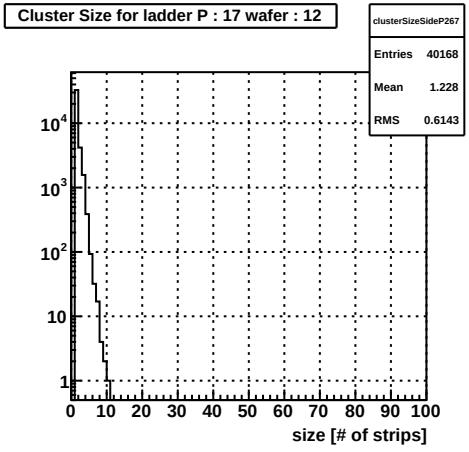

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 2738
Mean 1.129
RMS 0.455
size [# of strips]

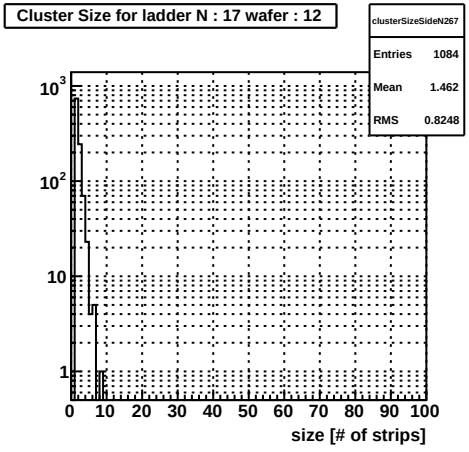

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 895
Mean 1.702
RMS 0.9308
size [# of strips]

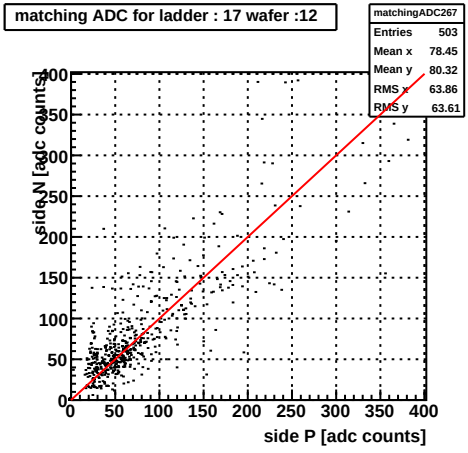

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 331
Mean x 82.76
Mean y 82.59
RMS x 59.87
RMS y 60.52
side N [adc counts]
side P [adc counts]

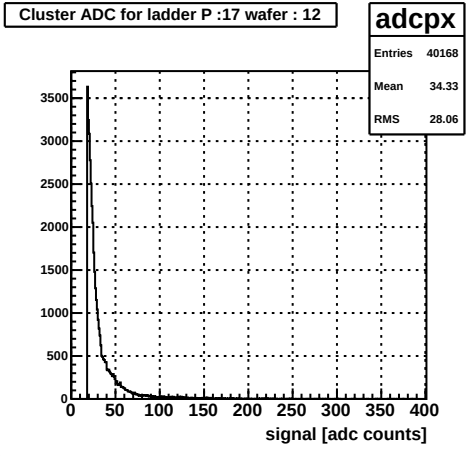

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 2738
Mean 39.67
RMS 44.9
signal [adc counts]

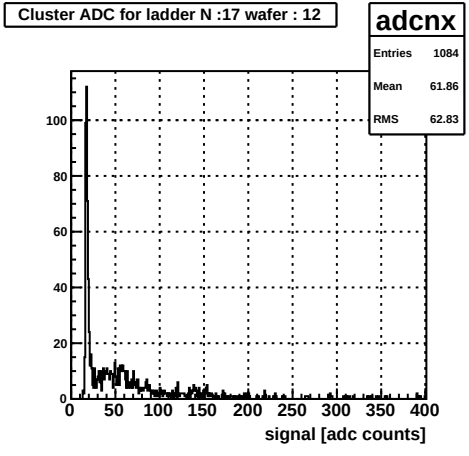

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 895
Mean 51.5
RMS 47.09
signal [adc counts]

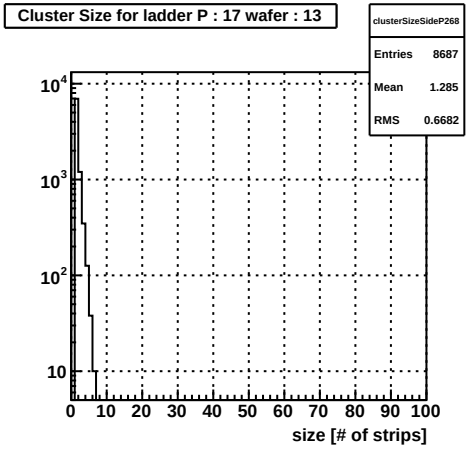

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 40168
Mean 1.228
RMS 0.6143
size [# of strips]

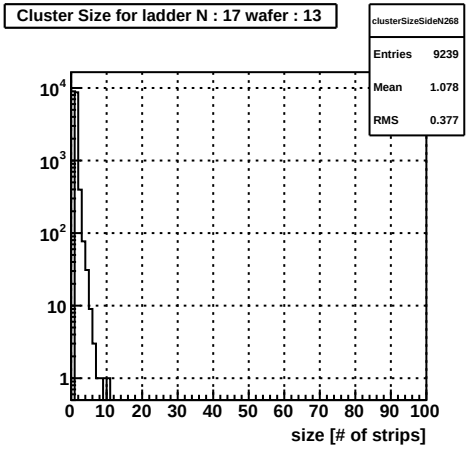

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 1084
Mean 1.462
RMS 0.8248
size [# of strips]

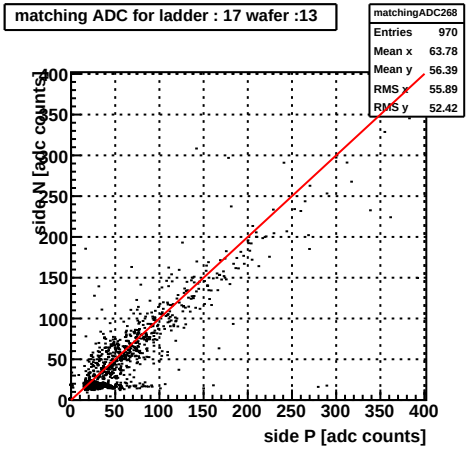

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 503
Mean x 78.45
Mean y 80.32
RMS x 63.86
RMS y 63.61
side N [adc counts]
side P [adc counts]

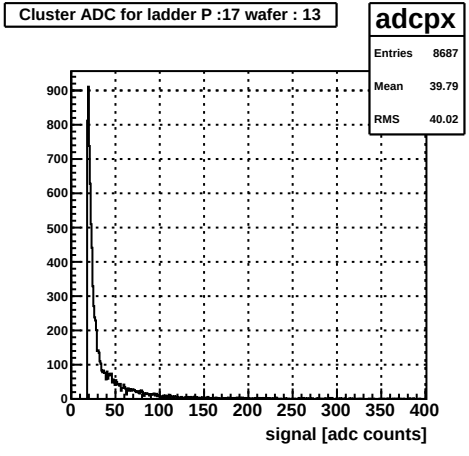

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 40168
Mean 34.33
RMS 28.06
signal [adc counts]

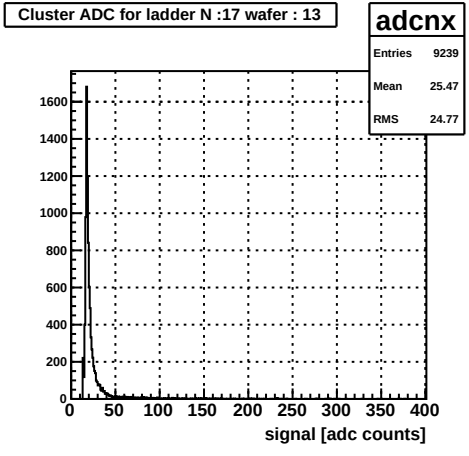

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 1084
Mean 61.86
RMS 62.83
signal [adc counts]

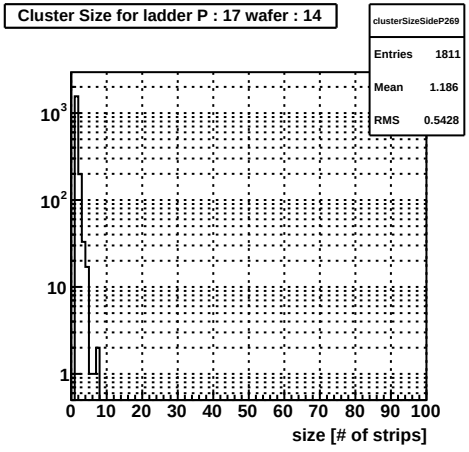

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 8687
Mean 1.285
RMS 0.6682
size [# of strips]

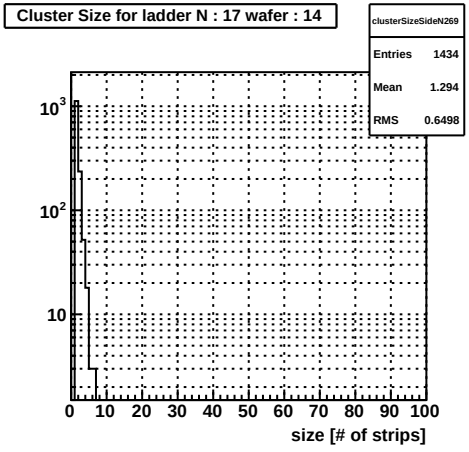

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 9239
Mean 1.078
RMS 0.377
size [# of strips]

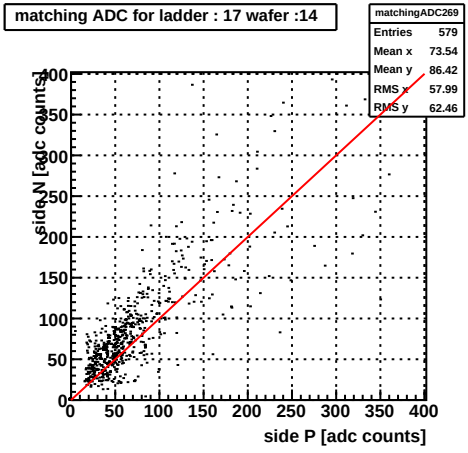

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 970
Mean x 63.78
Mean y 56.39
RMS x 55.89
RMS y 52.42
side N [adc counts]
side P [adc counts]

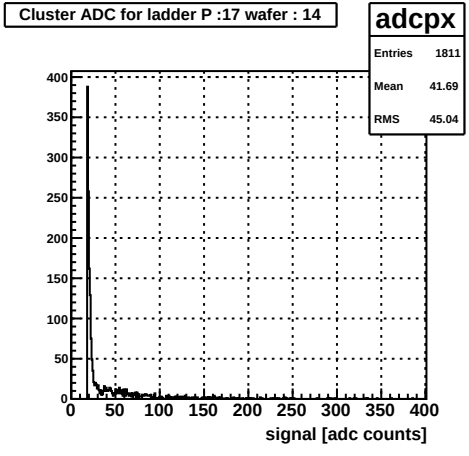

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 8687
Mean 39.79
RMS 40.02
signal [adc counts]

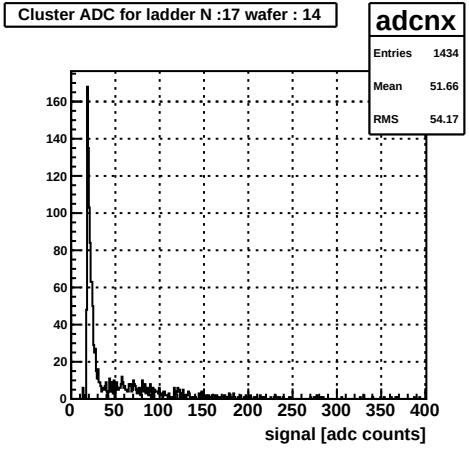

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 9239
Mean 25.47
RMS 24.77
signal [adc counts]

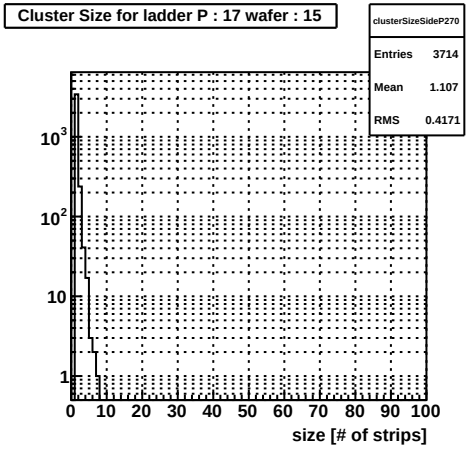

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 1811
Mean 1.186
RMS 0.5428
size [# of strips]

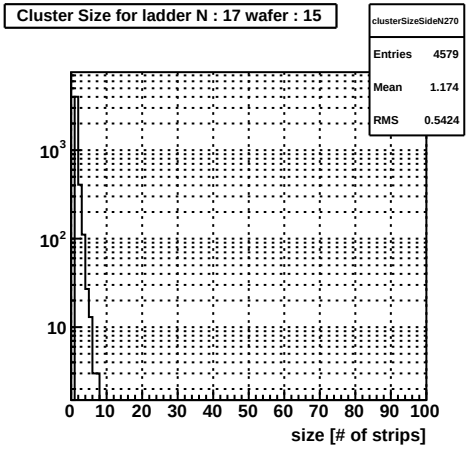

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 1434
Mean 1.294
RMS 0.6498
size [# of strips]

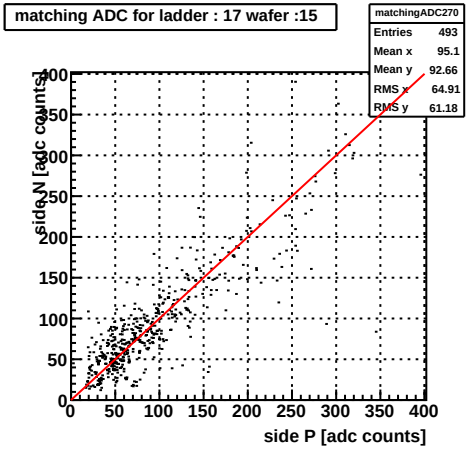

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 579
Mean x 73.54
Mean y 86.42
RMS x 57.99
RMS y 62.46
side N [adc counts]
side P [adc counts]

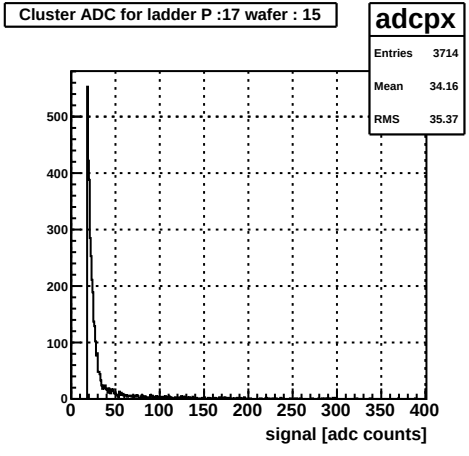

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 1811
Mean 41.69
RMS 45.04
signal [adc counts]

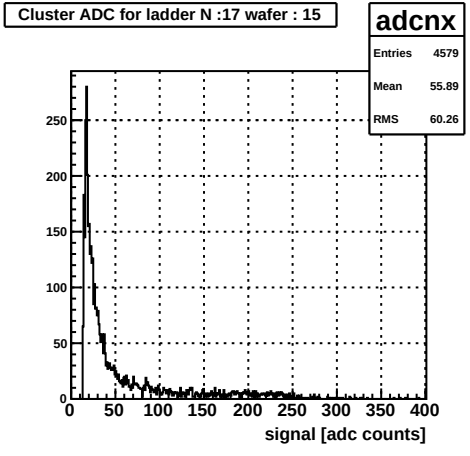

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 1434
Mean 51.66
RMS 54.17
signal [adc counts]

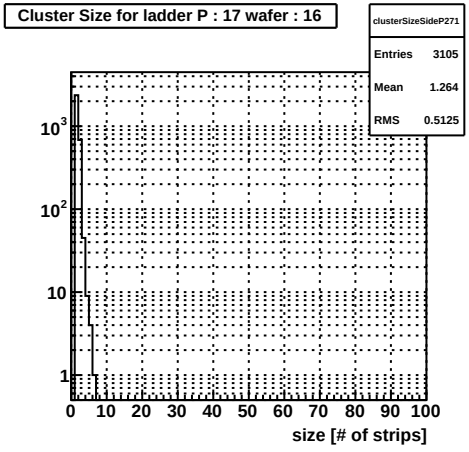

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 3714
Mean 1.107
RMS 0.4171
size [# of strips]

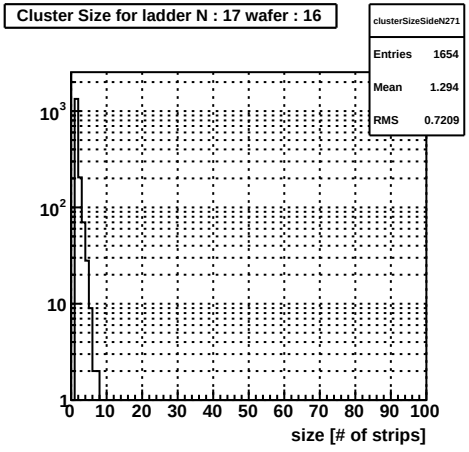

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 4579
Mean 1.174
RMS 0.5424
size [# of strips]

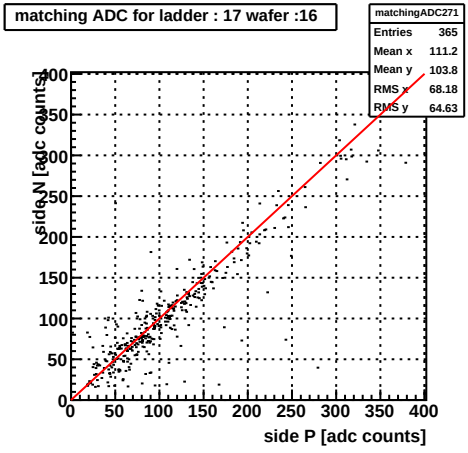

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 493
Mean x 95.1
Mean y 92.66
RMS x 64.91
RMS y 61.18
side N [adc counts]
side P [adc counts]

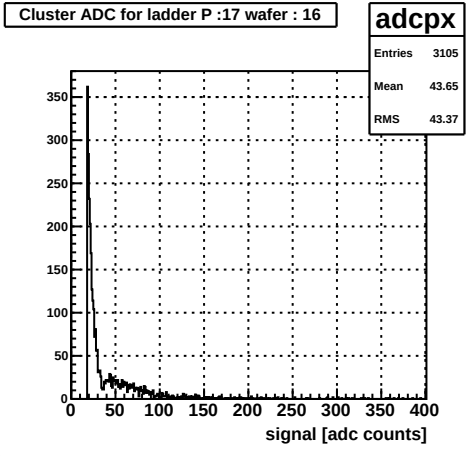

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 3714
Mean 34.16
RMS 35.37
signal [adc counts]

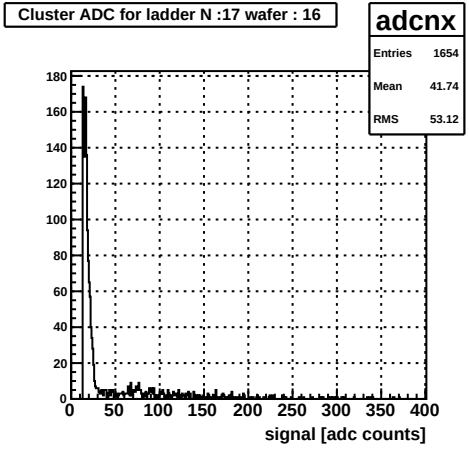

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 4579
Mean 55.89
RMS 60.26
signal [adc counts]

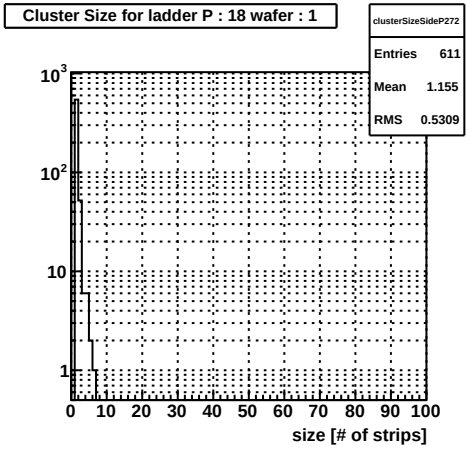

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 3105
Mean 1.264
RMS 0.5125
size [# of strips]

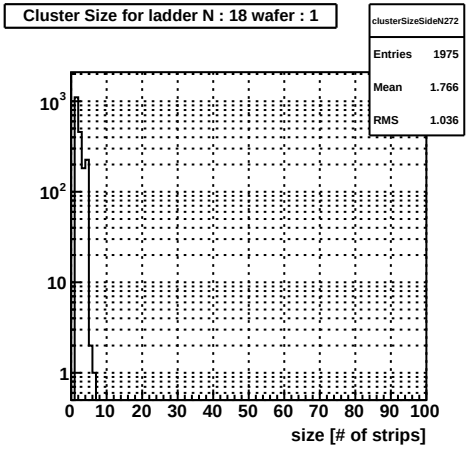

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 1654
Mean 1.294
RMS 0.7209
size [# of strips]

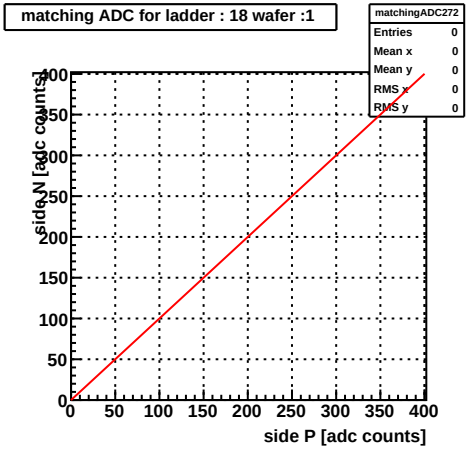

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 365
Mean x 111.2
Mean y 103.8
RMS x 68.18
RMS y 64.63
side N [adc counts]
side P [adc counts]

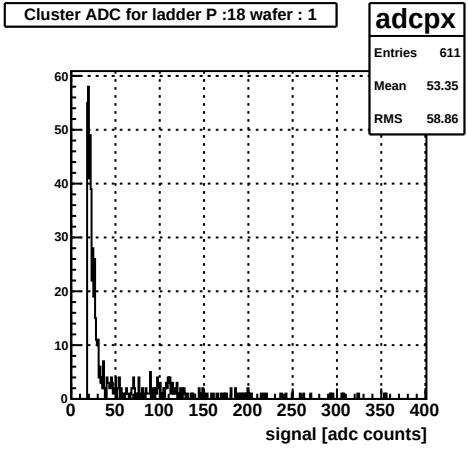

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 3105
Mean 43.65
RMS 43.37
signal [adc counts]

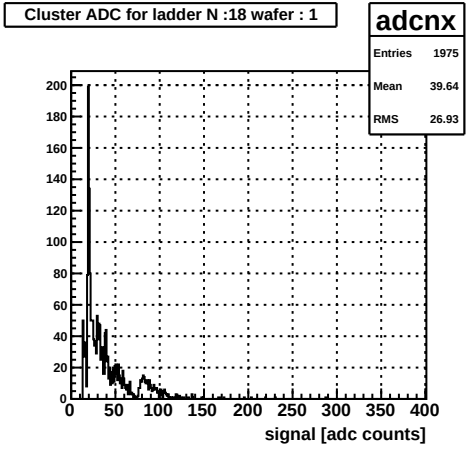

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 1654
Mean 41.74
RMS 53.12
signal [adc counts]

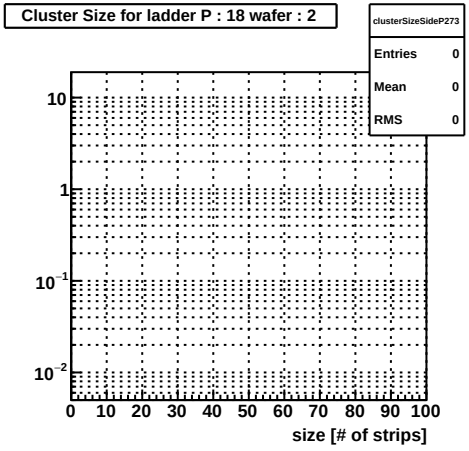

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 611
Mean 1.155
RMS 0.5309
size [# of strips]

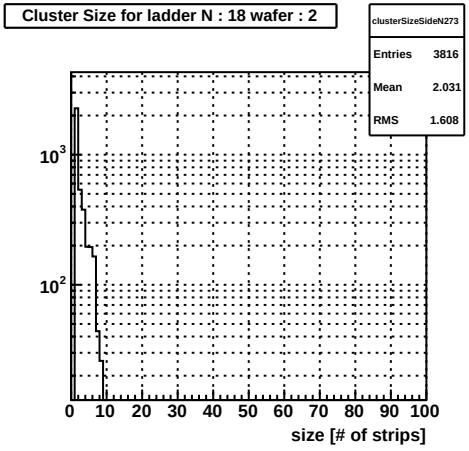

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1975
Mean 1.766
RMS 1.036
size [# of strips]

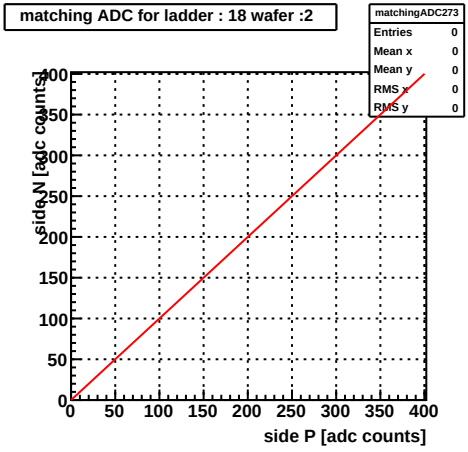

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

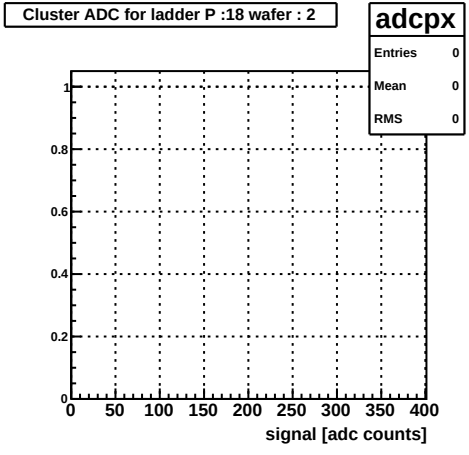

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 611
Mean 53.35
RMS 58.86
signal [adc counts]

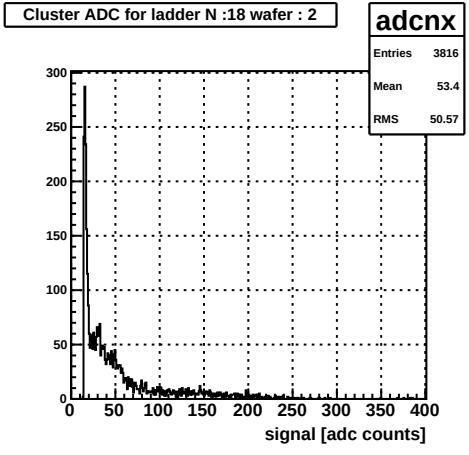

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1975
Mean 39.64
RMS 26.93
signal [adc counts]

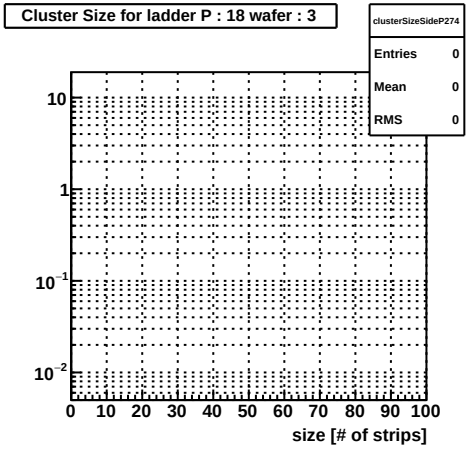

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

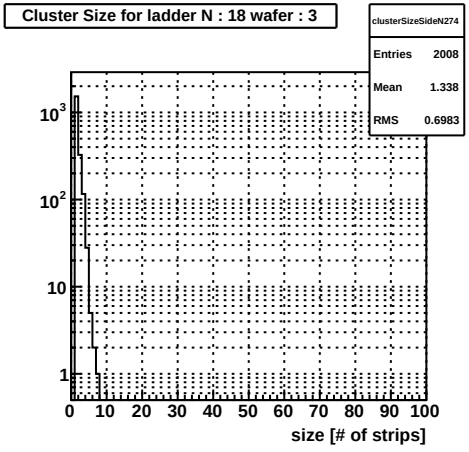

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 3816
Mean 2.031
RMS 1.608
size [# of strips]

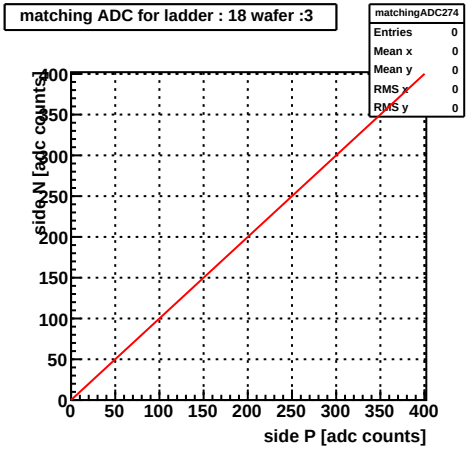

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

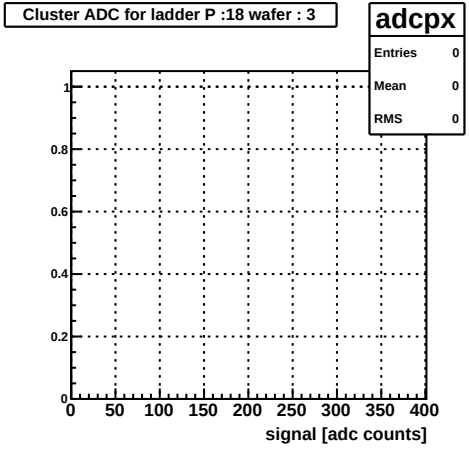

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

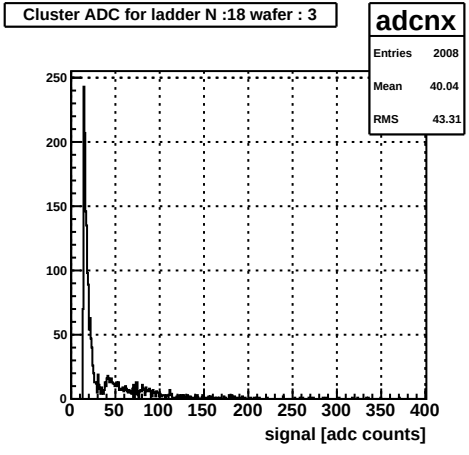

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 3816
Mean 53.4
RMS 50.57
signal [adc counts]

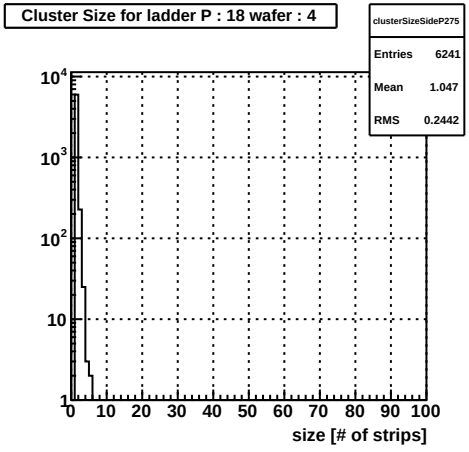

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

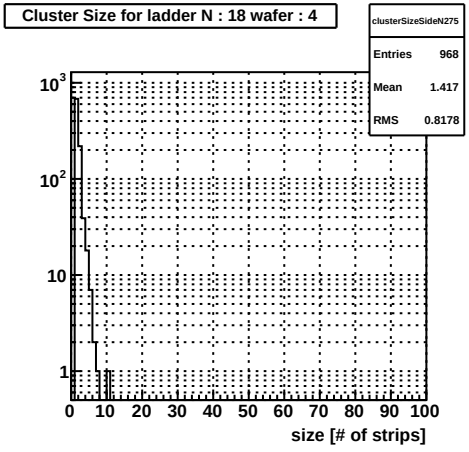

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 2008
Mean 1.338
RMS 0.6983
size [# of strips]

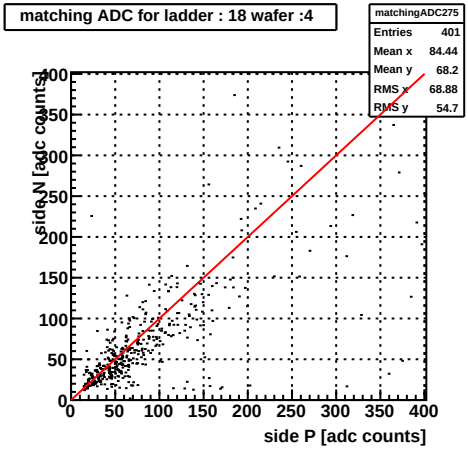

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

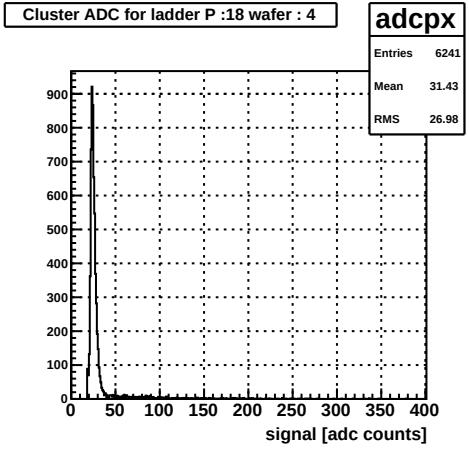

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

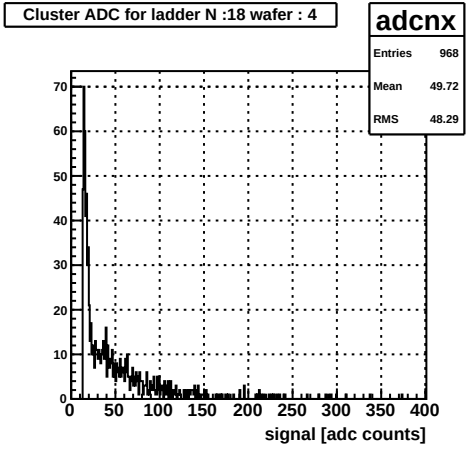

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 2008
Mean 40.04
RMS 43.31
signal [adc counts]

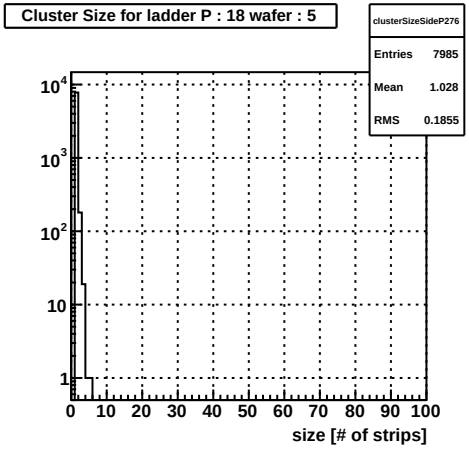

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 6241
Mean 1.047
RMS 0.2442
size [# of strips]

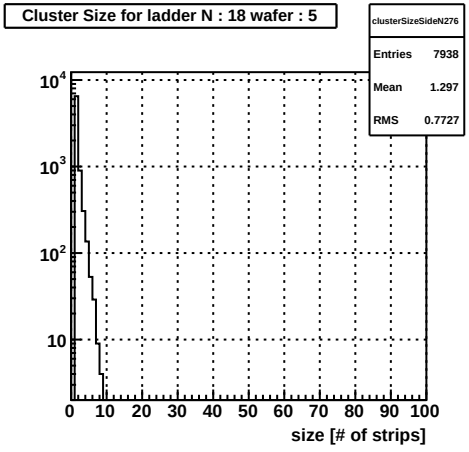

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 968
Mean 1.417
RMS 0.8178
size [# of strips]

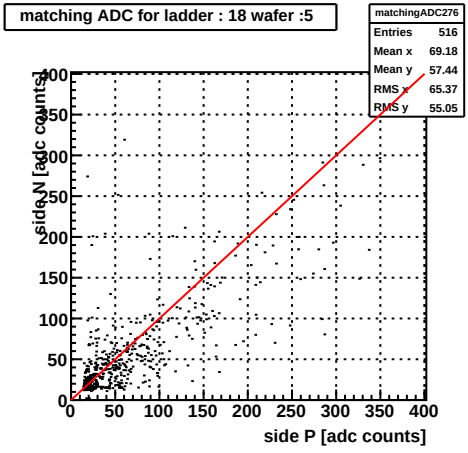

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 401
Mean x 84.44
Mean y 68.2
RMS x 68.88
RMS y 54.7
side N [adc counts]
side P [adc counts]

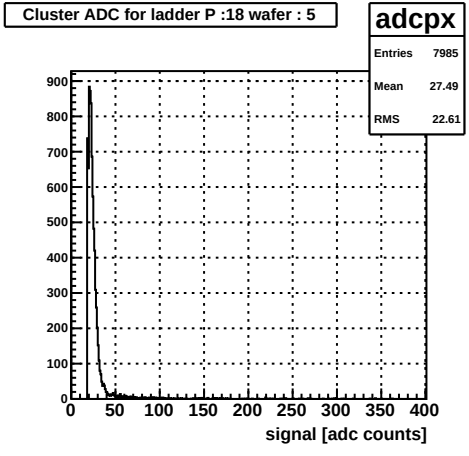

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 6241
Mean 31.43
RMS 26.98
signal [adc counts]

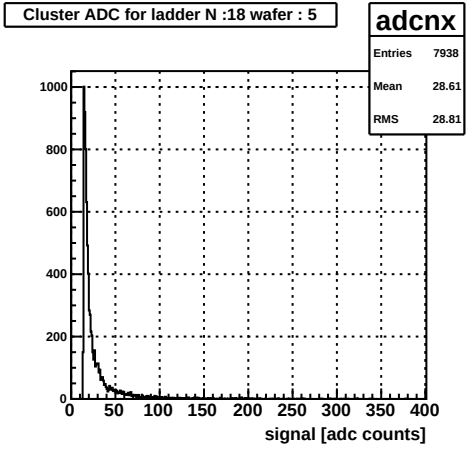

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 968
Mean 49.72
RMS 48.29
signal [adc counts]

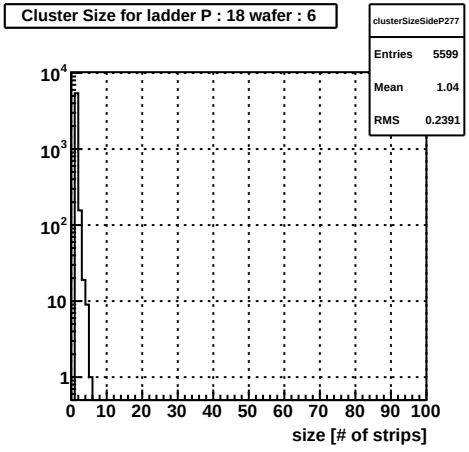

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 7985
Mean 1.028
RMS 0.1855
size [# of strips]

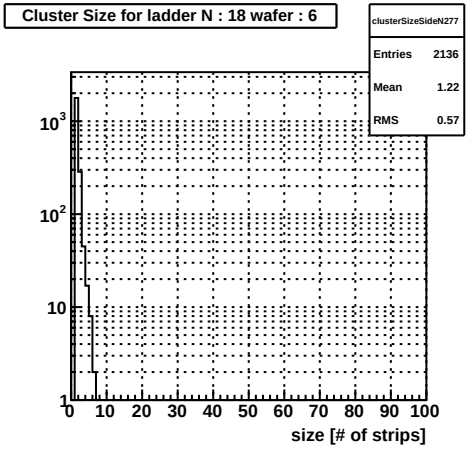

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 7938
Mean 1.297
RMS 0.7727
size [# of strips]

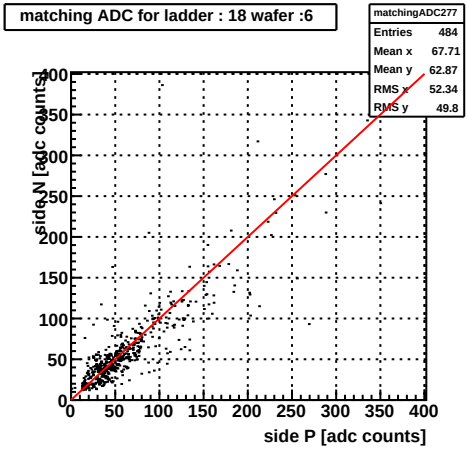

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 516
Mean x 69.18
Mean y 57.44
RMS x 65.37
RMS y 55.05
side N [adc counts]
side P [adc counts]

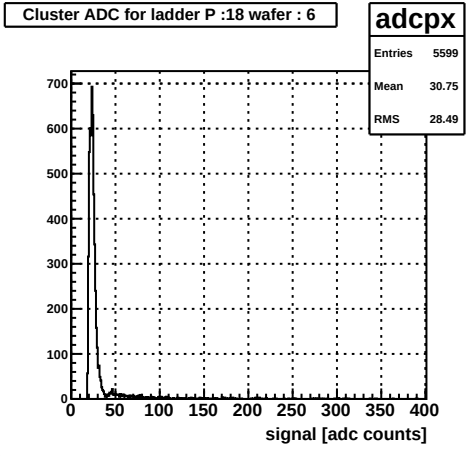

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 7985
Mean 27.49
RMS 22.61
signal [adc counts]

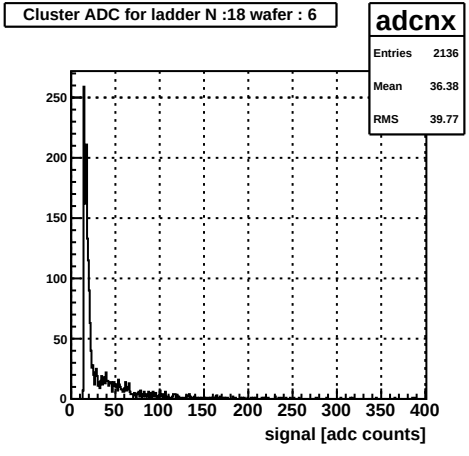

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 7938
Mean 28.61
RMS 28.81
signal [adc counts]

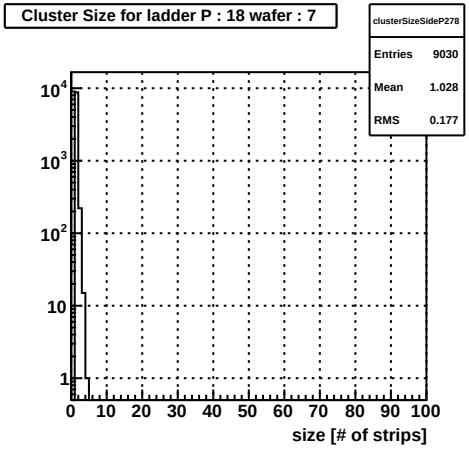

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 5599
Mean 1.04
RMS 0.2391
size [# of strips]

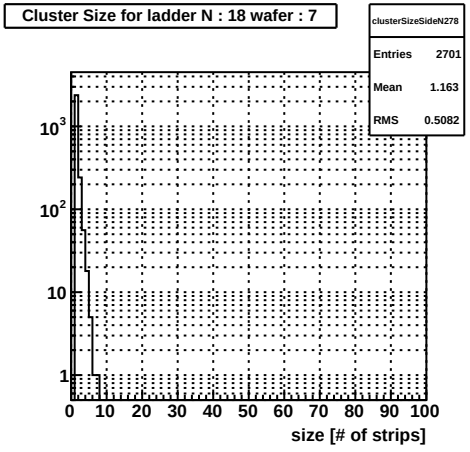

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 2136
Mean 1.22
RMS 0.57
size [# of strips]

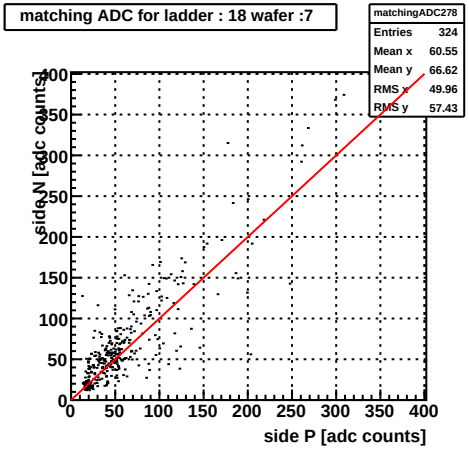

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 484
Mean x 67.71
Mean y 62.87
RMS x 52.34
RMS y 49.8
side N [adc counts]
side P [adc counts]

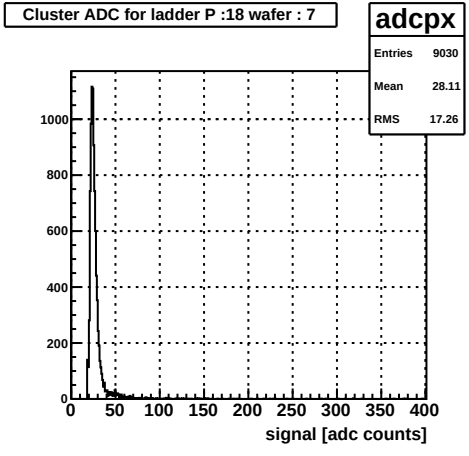

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 5599
Mean 30.75
RMS 28.49
signal [adc counts]

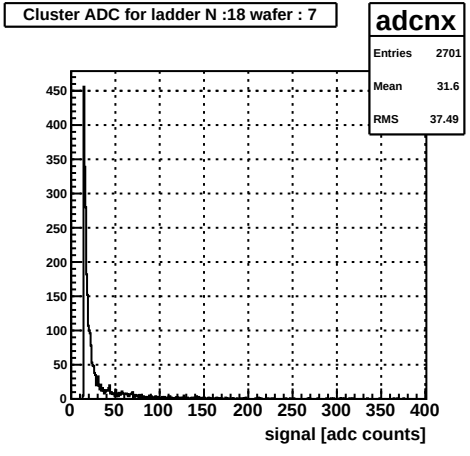

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 2136
Mean 36.38
RMS 39.77
signal [adc counts]

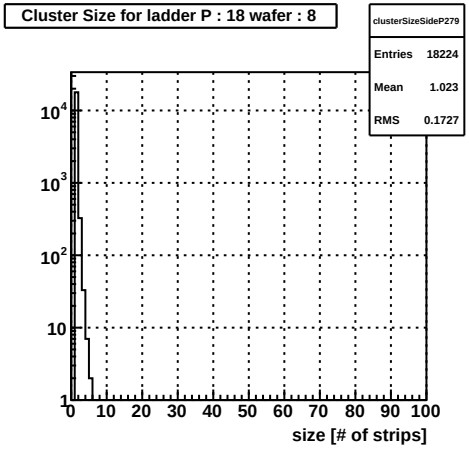

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 9030
Mean 1.028
RMS 0.177
size [# of strips]

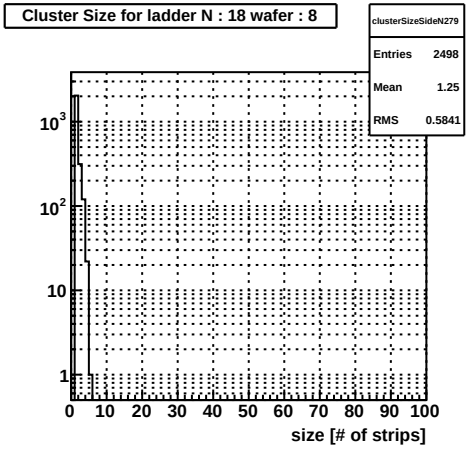

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 2701
Mean 1.163
RMS 0.5082
size [# of strips]

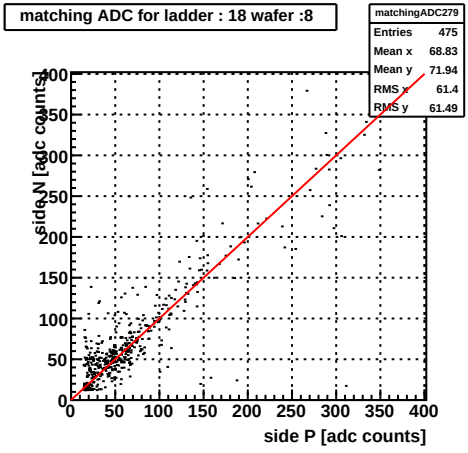

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 324
Mean x 60.55
Mean y 66.62
RMS x 49.96
RMS y 57.43
side N [adc counts]
side P [adc counts]

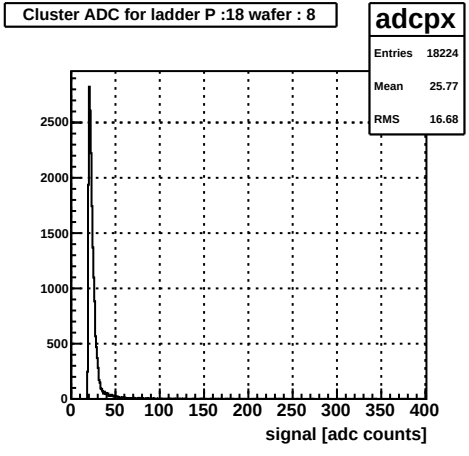

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 9030
Mean 28.11
RMS 17.26
signal [adc counts]

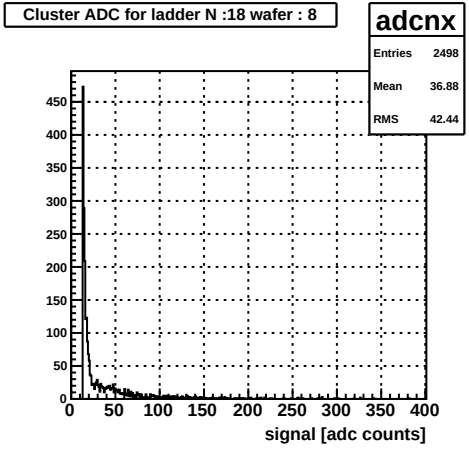

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 2701
Mean 31.6
RMS 37.49
signal [adc counts]

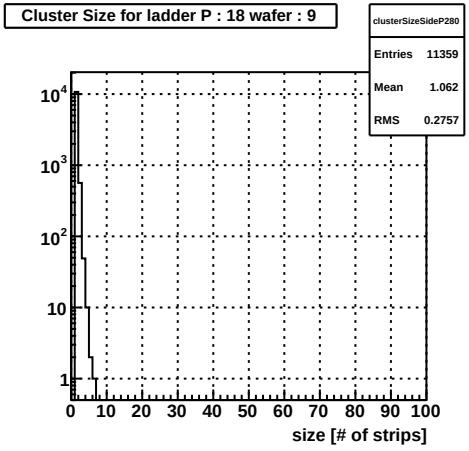

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 18224
Mean 1.023
RMS 0.1727
size [# of strips]

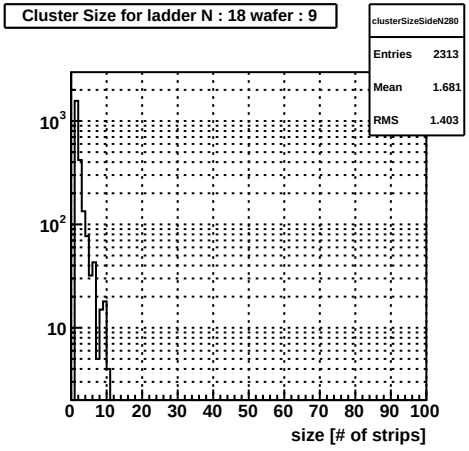

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 2498
Mean 1.25
RMS 0.5841
size [# of strips]

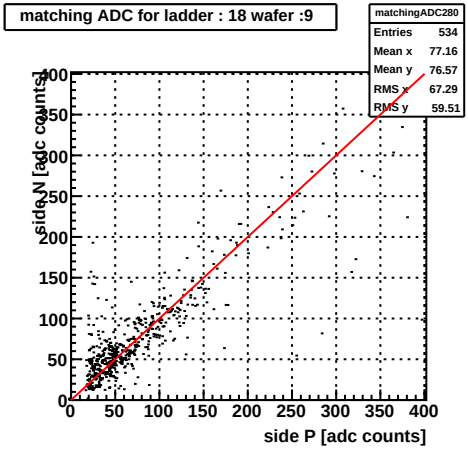

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 475
Mean x 68.83
Mean y 71.94
RMS x 61.4
RMS y 61.49
side N [adc counts]
side P [adc counts]

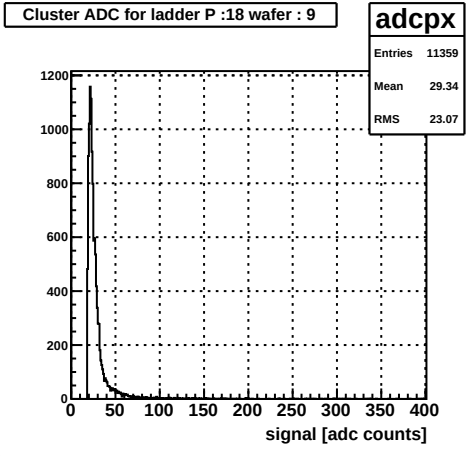

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 18224
Mean 25.77
RMS 16.68
signal [adc counts]

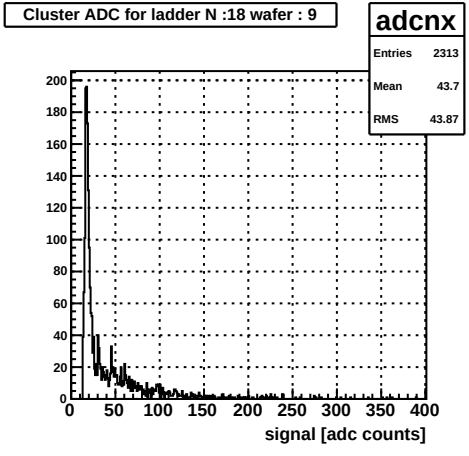

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 2498
Mean 36.88
RMS 42.44
signal [adc counts]

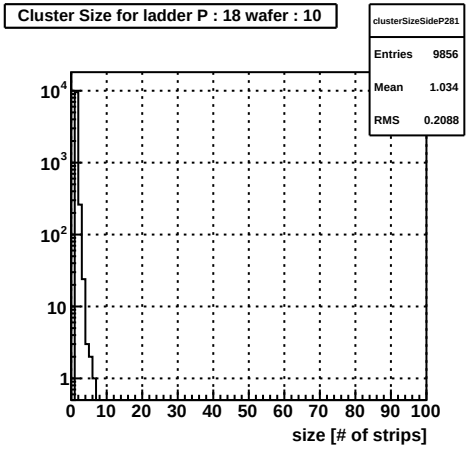

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 11359
Mean 1.062
RMS 0.2757
size [# of strips]

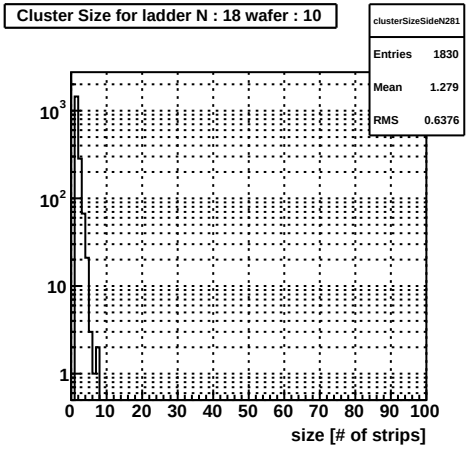

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 2313
Mean 1.681
RMS 1.403
size [# of strips]

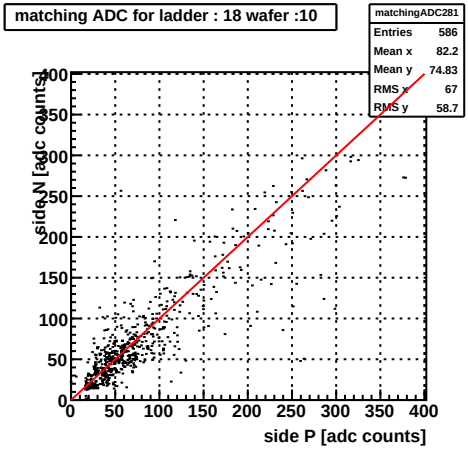

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 534
Mean x 77.16
Mean y 76.57
RMS x 67.29
RMS y 59.51
side N [adc counts]
side P [adc counts]

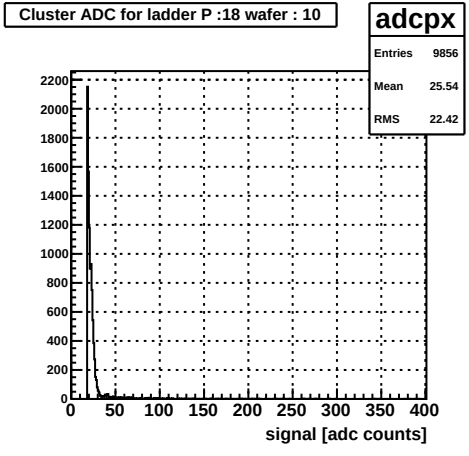

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 11359
Mean 29.34
RMS 23.07
signal [adc counts]

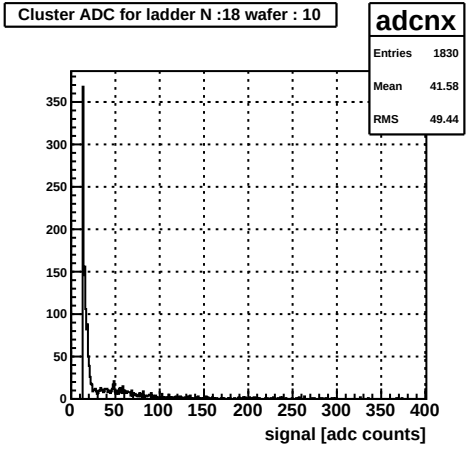

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 2313
Mean 43.7
RMS 43.87
signal [adc counts]

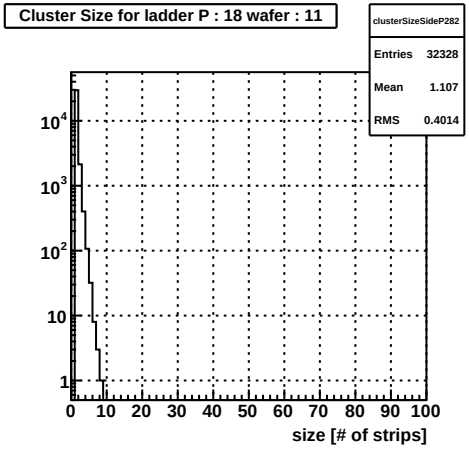

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 9856
Mean 1.034
RMS 0.2088
size [# of strips]

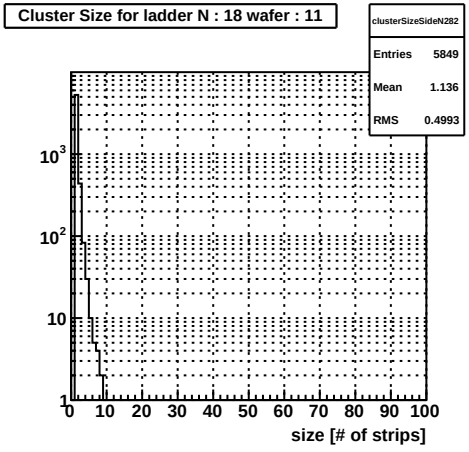

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 1830
Mean 1.279
RMS 0.6376
size [# of strips]

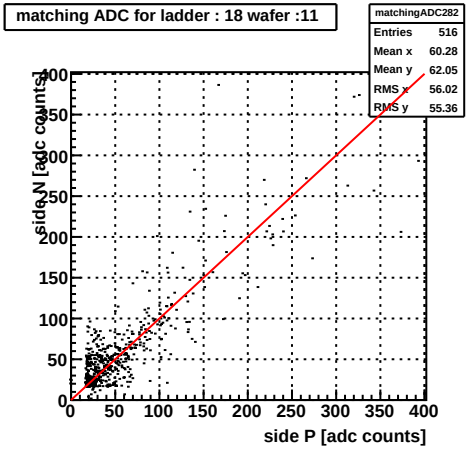

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 586
Mean x 82.2
Mean y 74.83
RMS x 67
RMS y 58.7
side N [adc counts]
side P [adc counts]

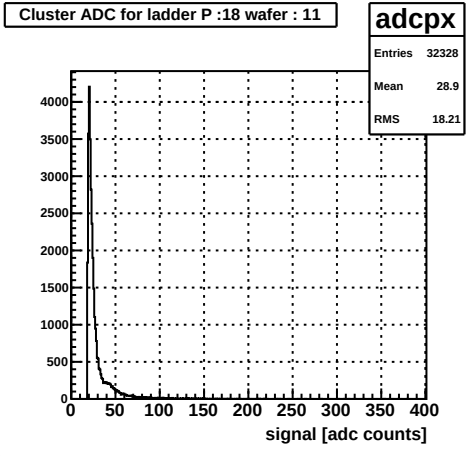

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 9856
Mean 25.54
RMS 22.42
signal [adc counts]

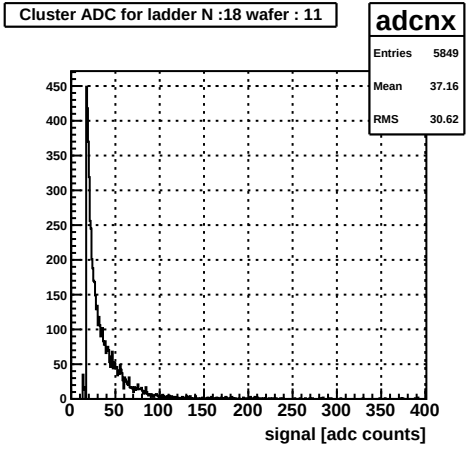

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 1830
Mean 41.58
RMS 49.44
signal [adc counts]

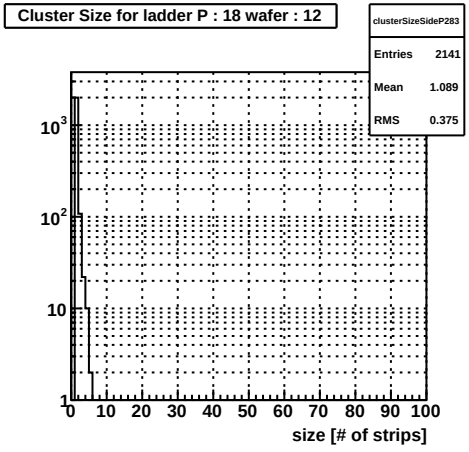

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 32328
Mean 1.107
RMS 0.4014
size [# of strips]

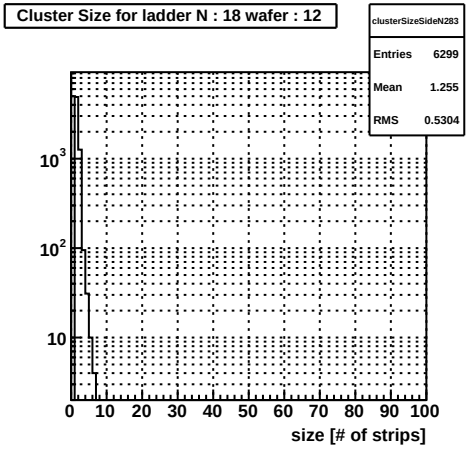

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 5849
Mean 1.136
RMS 0.4993
size [# of strips]

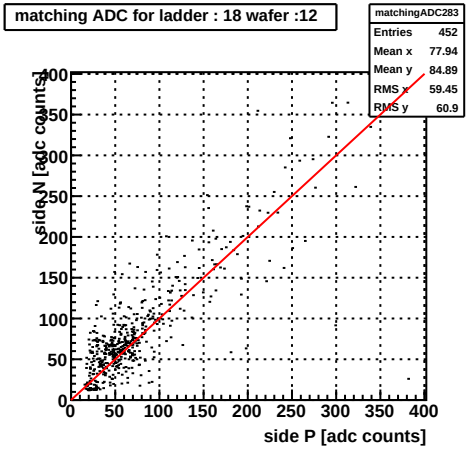

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 516
Mean x 60.28
Mean y 62.05
RMS x 56.02
RMS y 55.36
side N [adc counts]
side P [adc counts]

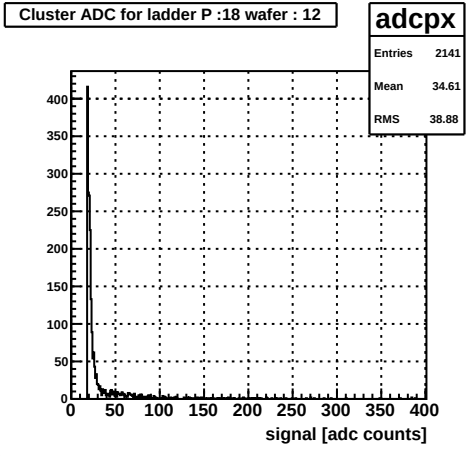

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 32328
Mean 28.9
RMS 18.21
signal [adc counts]

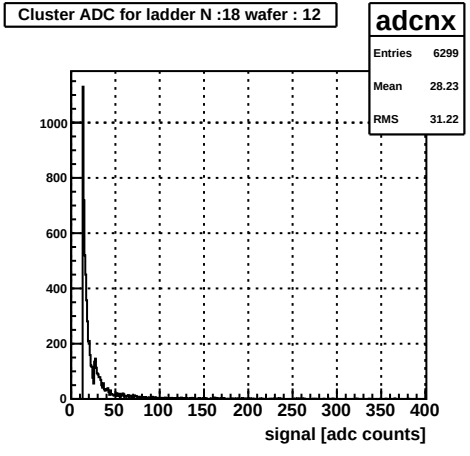

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 5849
Mean 37.16
RMS 30.62
signal [adc counts]

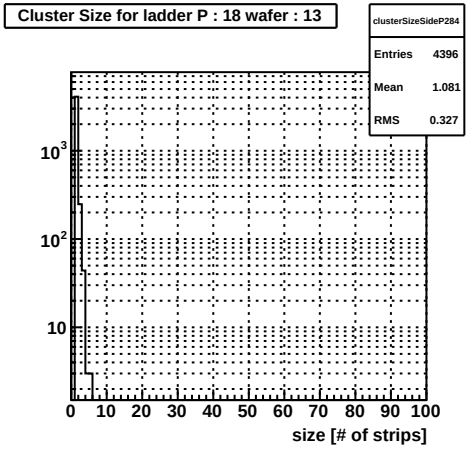

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 2141
Mean 1.089
RMS 0.375
size [# of strips]

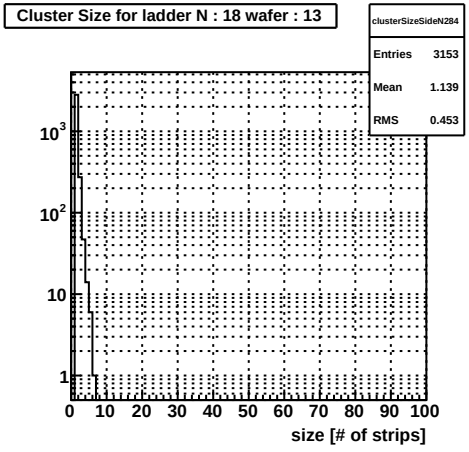

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 6299
Mean 1.255
RMS 0.5304
size [# of strips]

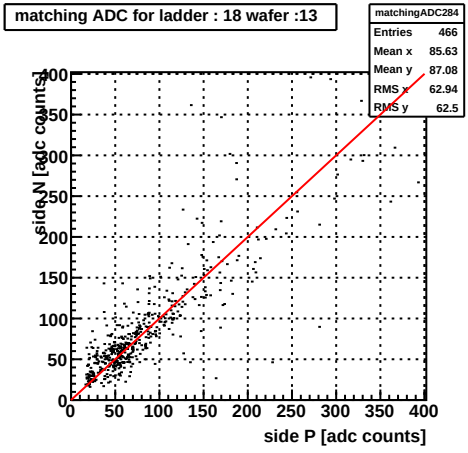

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 452
Mean x 77.94
Mean y 84.89
RMS x 59.45
RMS y 60.9
side N [adc counts]
side P [adc counts]

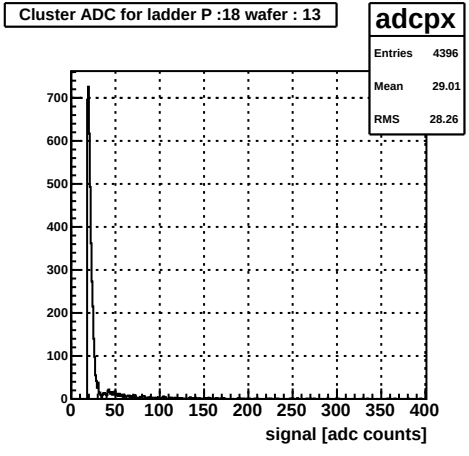

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 2141
Mean 34.61
RMS 38.88
signal [adc counts]

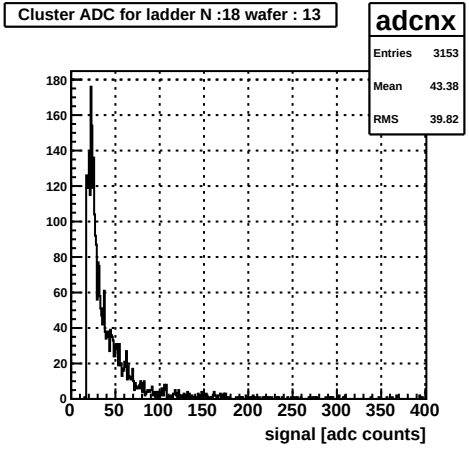

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 6299
Mean 28.23
RMS 31.22
signal [adc counts]

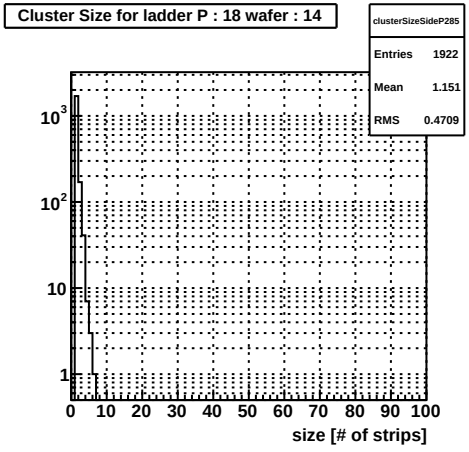

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 4396
Mean 1.081
RMS 0.327
size [# of strips]

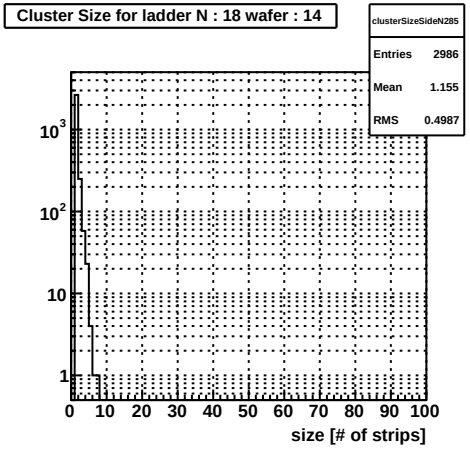

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 3153
Mean 1.139
RMS 0.453
size [# of strips]

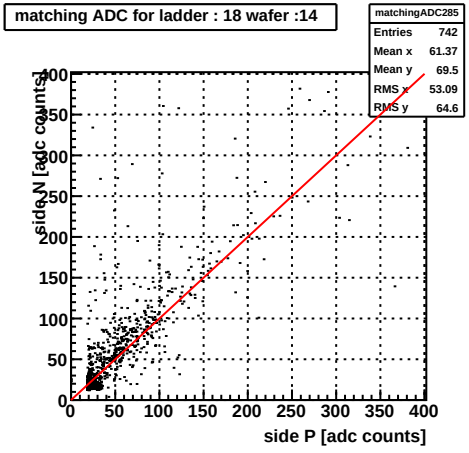

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 466
Mean x 85.63
Mean y 87.08
RMS x 62.94
RMS y 62.5
side N [adc counts]
side P [adc counts]

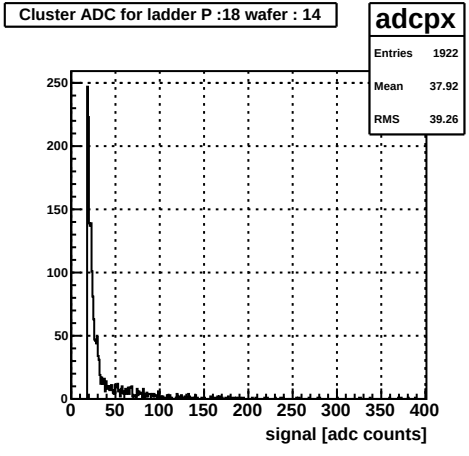

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 4396
Mean 29.01
RMS 28.26
signal [adc counts]

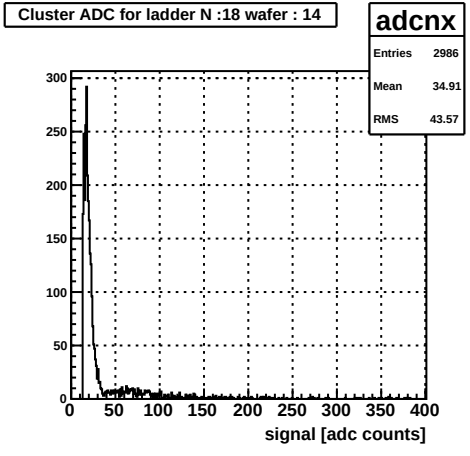

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 3153
Mean 43.38
RMS 39.82
signal [adc counts]

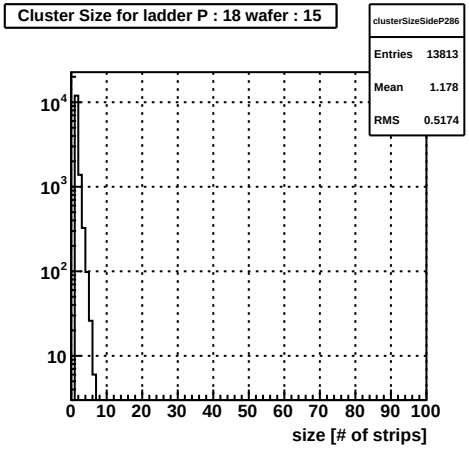

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 1922
Mean 1.151
RMS 0.4709
size [# of strips]

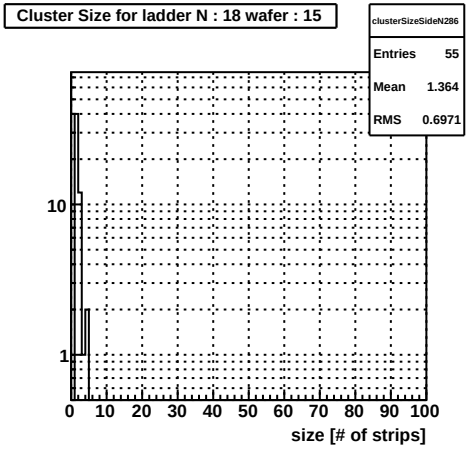

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 2986
Mean 1.155
RMS 0.4987
size [# of strips]

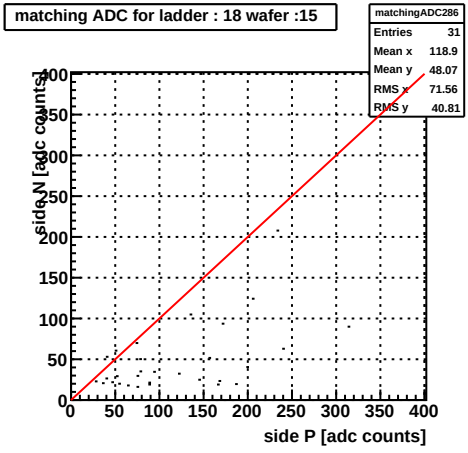

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 742
Mean x 61.37
Mean y 69.5
RMS x 53.09
RMS y 64.6
side N [adc counts]
side P [adc counts]

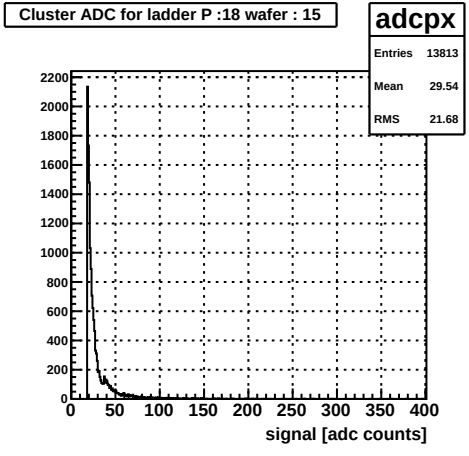

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 1922
Mean 37.92
RMS 39.26
signal [adc counts]

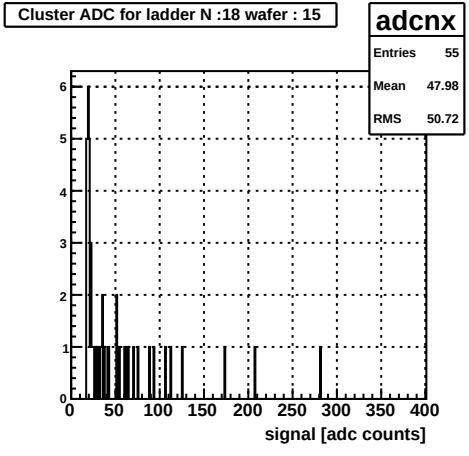

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 2986
Mean 34.91
RMS 43.57
signal [adc counts]

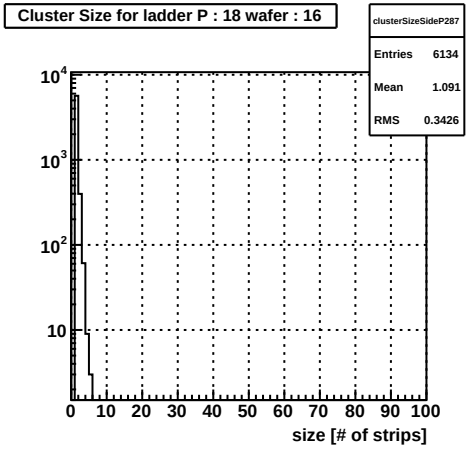

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 13813
Mean 1.178
RMS 0.5174
size [# of strips]

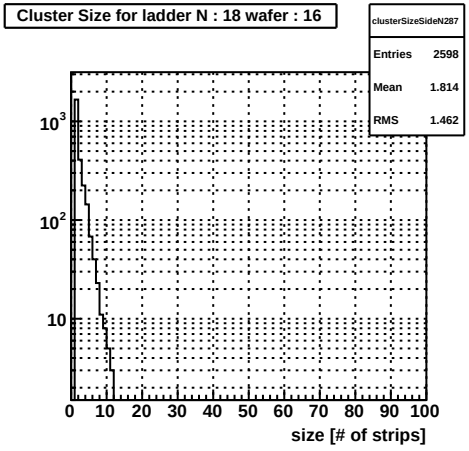

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 55
Mean 1.364
RMS 0.6971
size [# of strips]

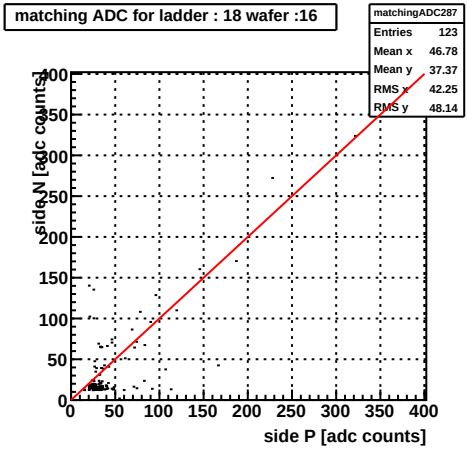

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 31
Mean x 118.9
Mean y 48.07
RMS x 71.56
RMS y 40.81
side N [adc counts]
side P [adc counts]

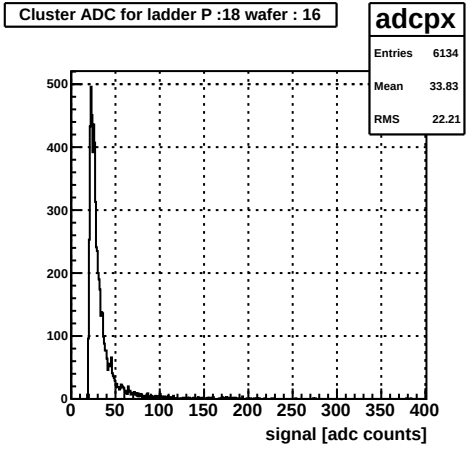

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 13813
Mean 29.54
RMS 21.68
signal [adc counts]

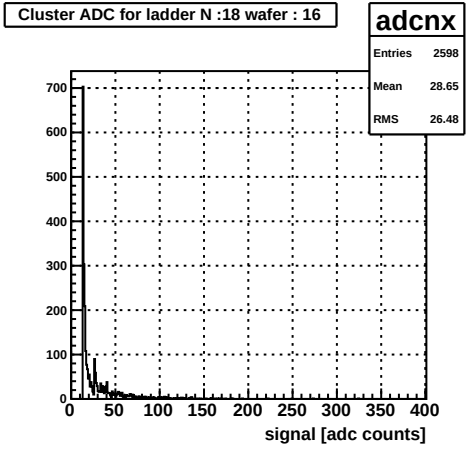

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 55
Mean 47.98
RMS 50.72
signal [adc counts]

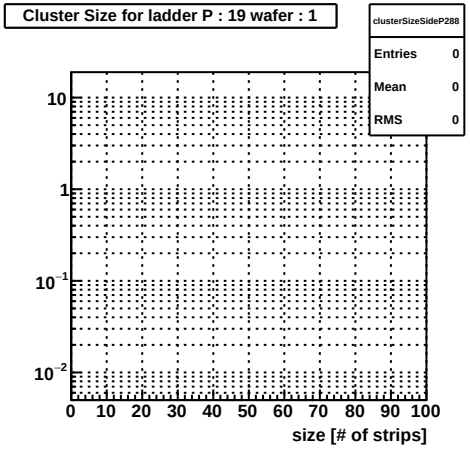

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 6134
Mean 1.091
RMS 0.3426
size [# of strips]

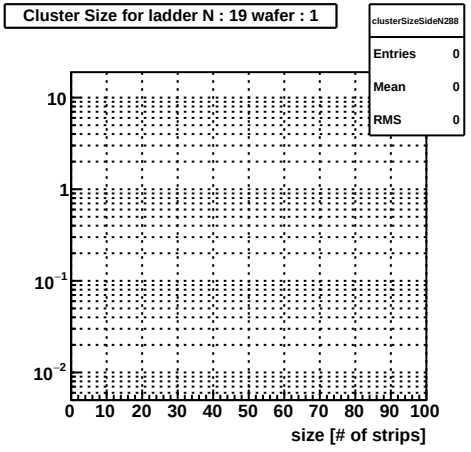

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 2598
Mean 1.814
RMS 1.462
size [# of strips]

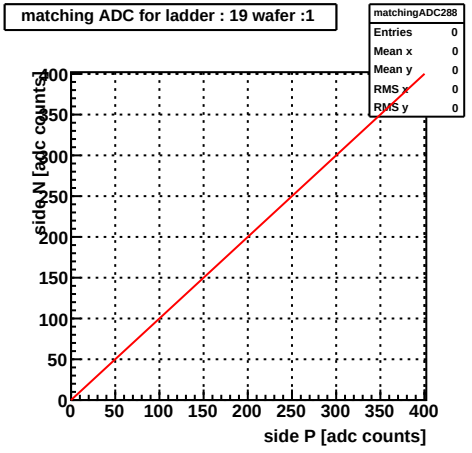

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 123
Mean x 46.78
Mean y 37.37
RMS x 42.25
RMS y 48.14
side N [adc counts]
side P [adc counts]

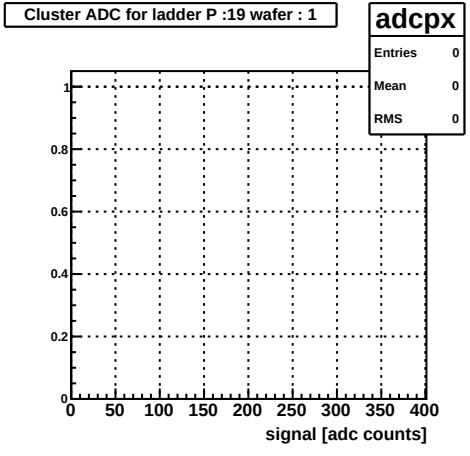

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 6134
Mean 33.83
RMS 22.21
signal [adc counts]

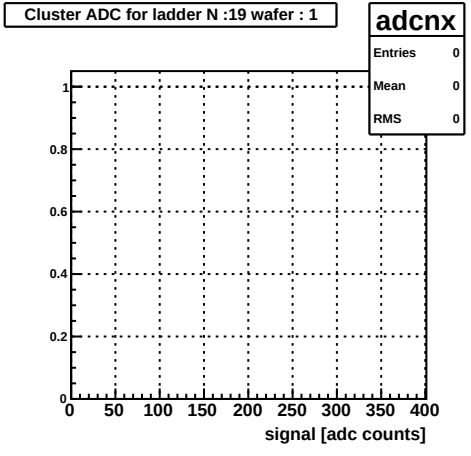

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 2598
Mean 28.65
RMS 26.48
signal [adc counts]

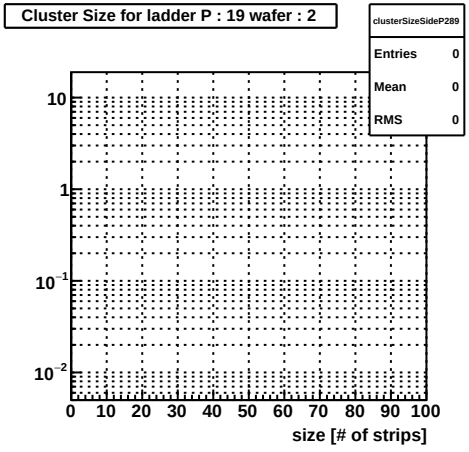

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

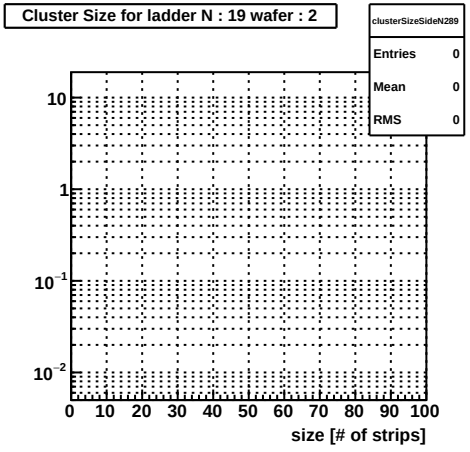

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

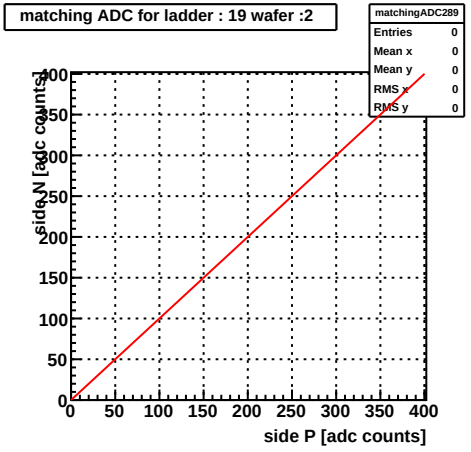

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

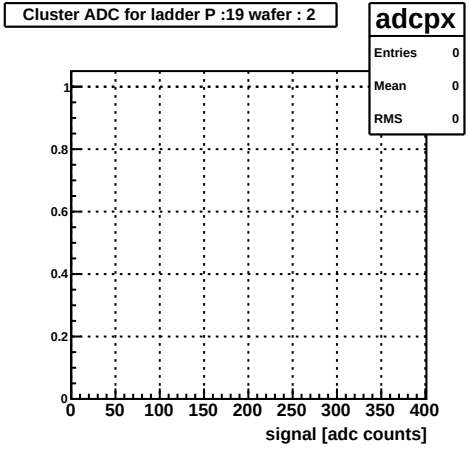

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

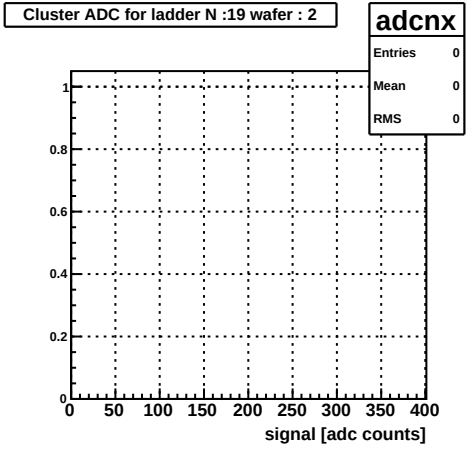

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

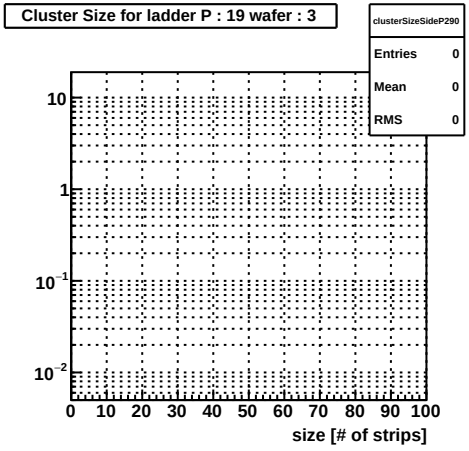

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

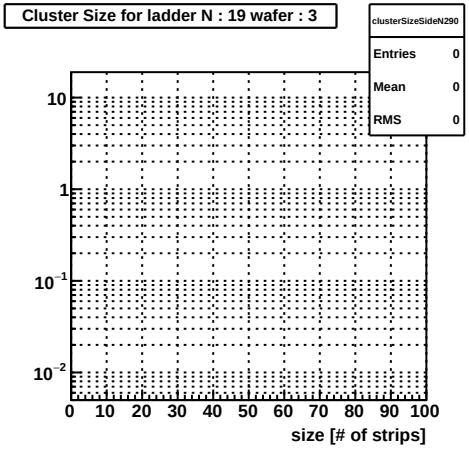

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

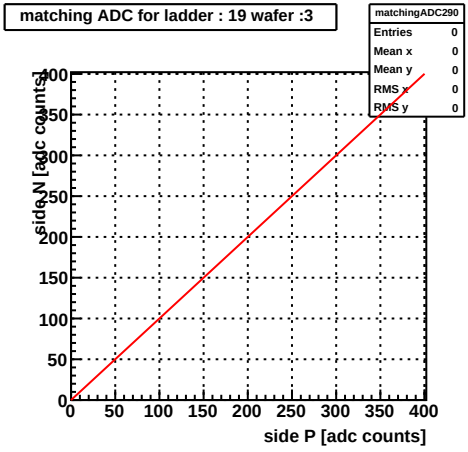

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

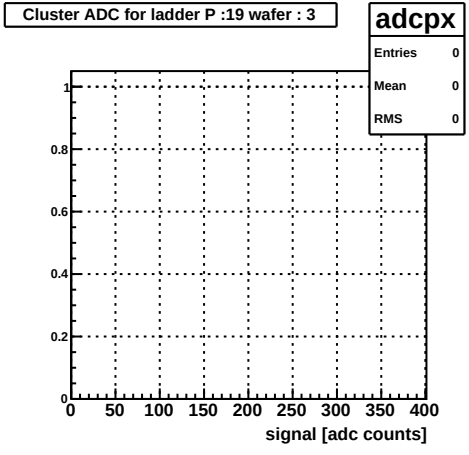

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

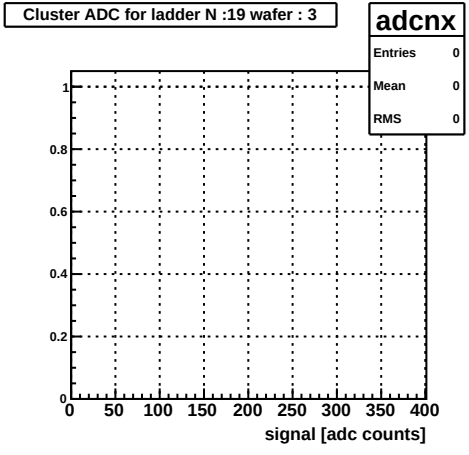

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

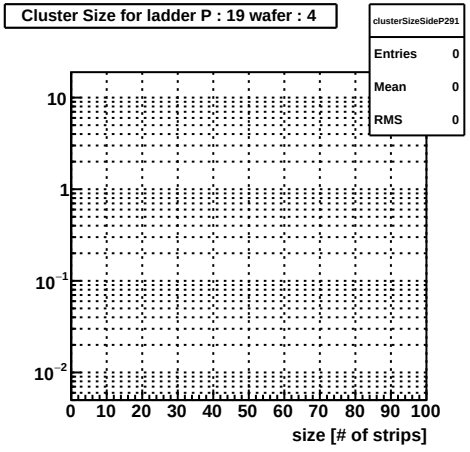

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

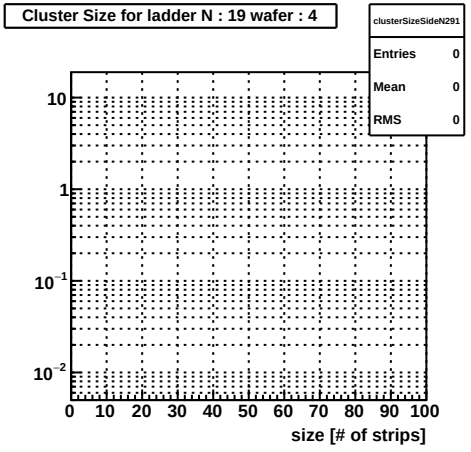

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

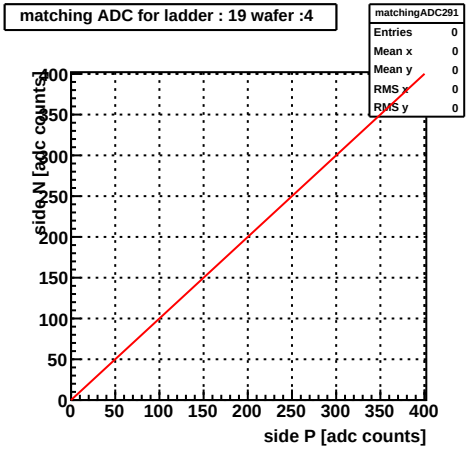

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

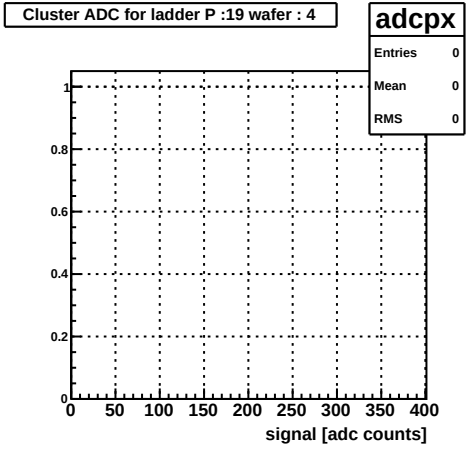

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

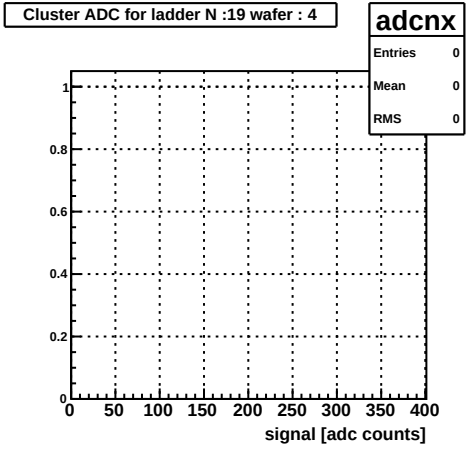

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

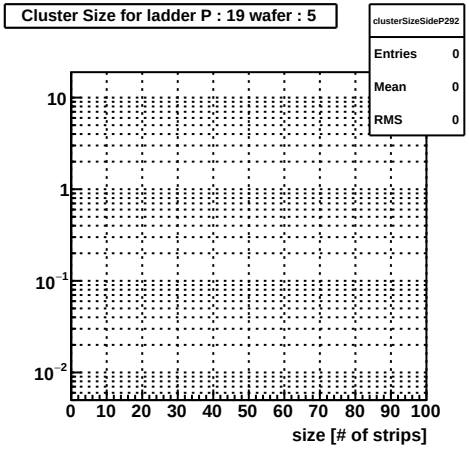

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

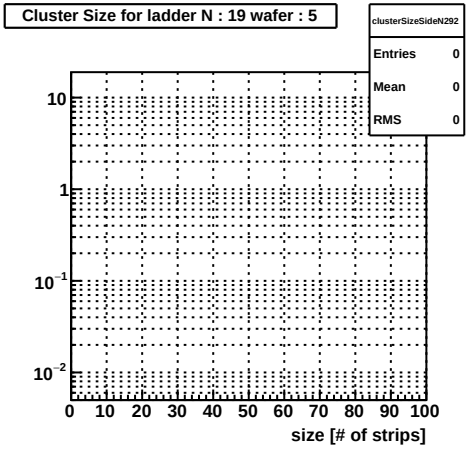

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

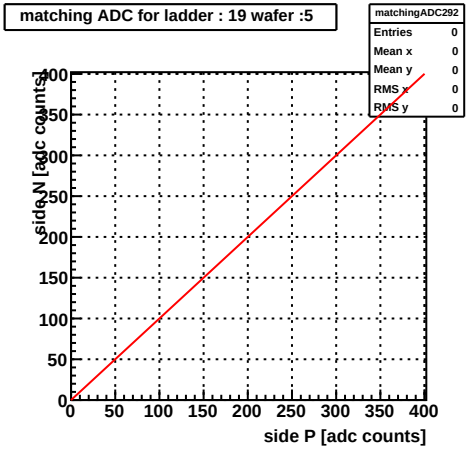

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

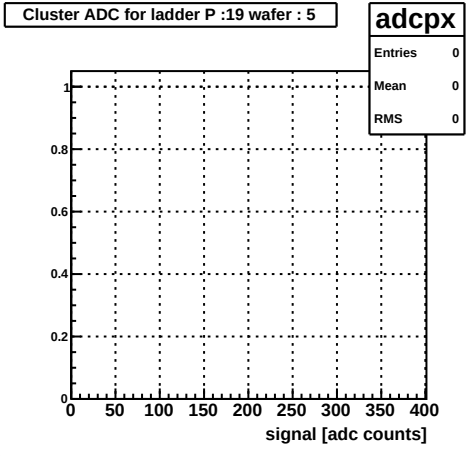

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

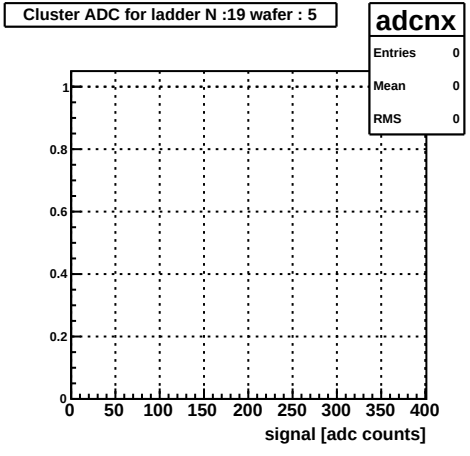

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

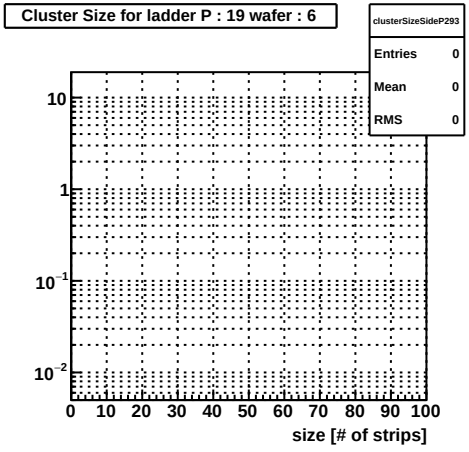

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

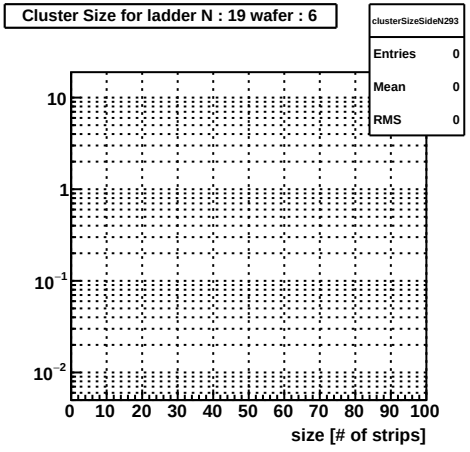

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

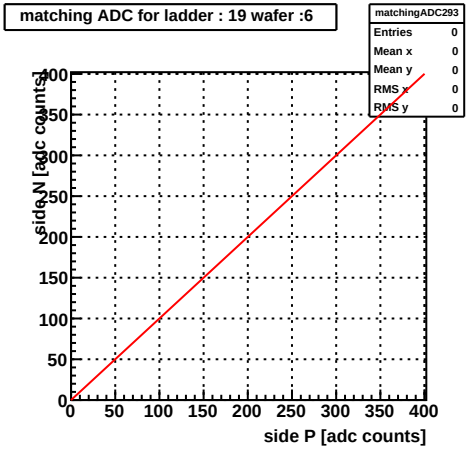

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

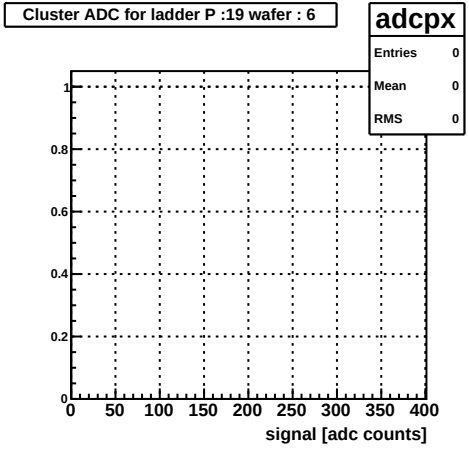

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

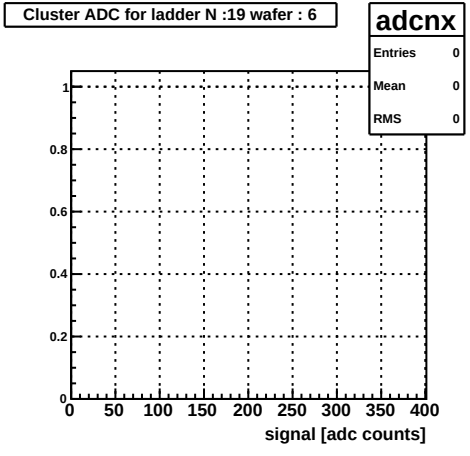

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

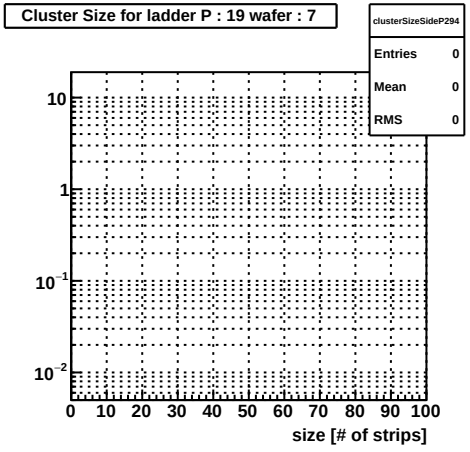

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

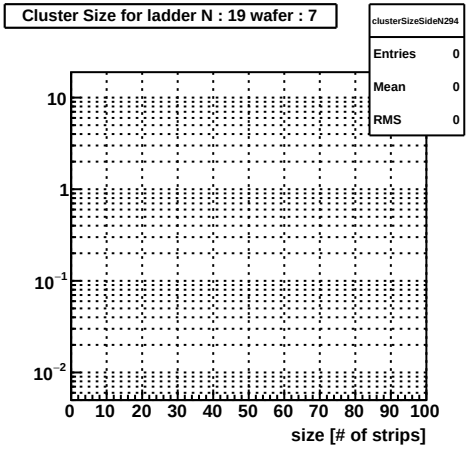

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

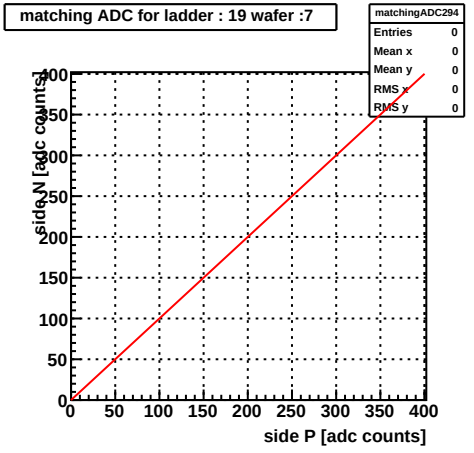

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

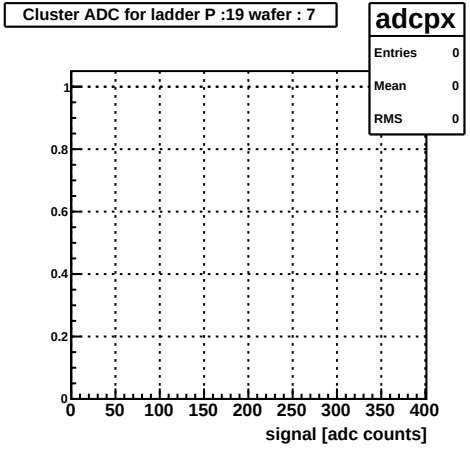

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

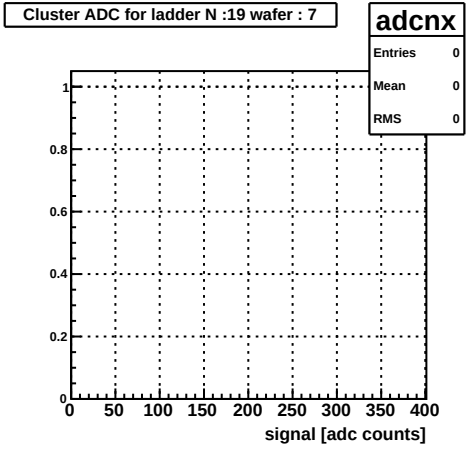

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

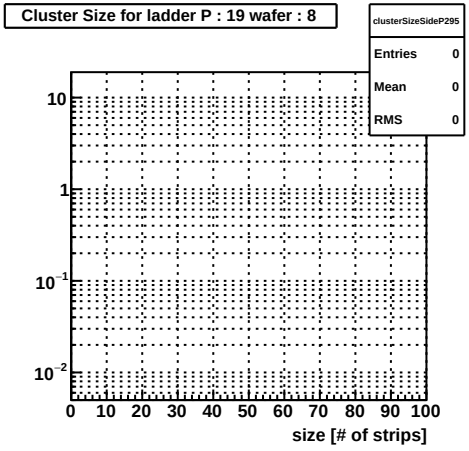

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

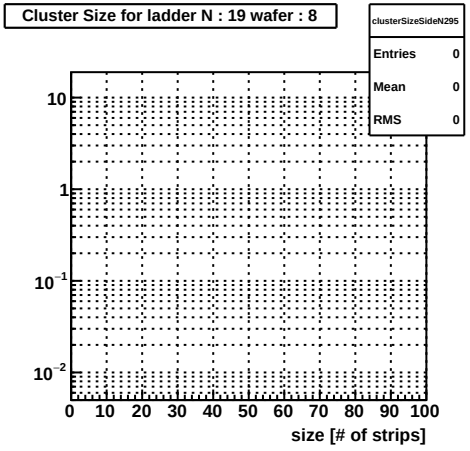

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

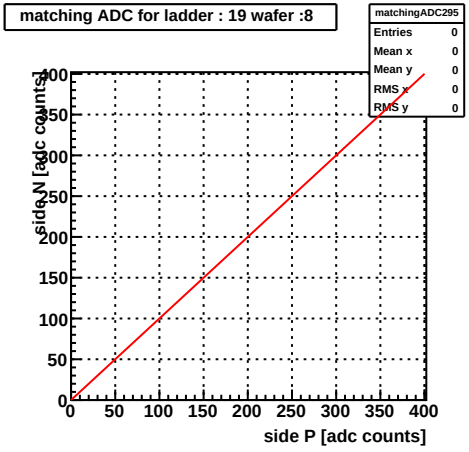

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

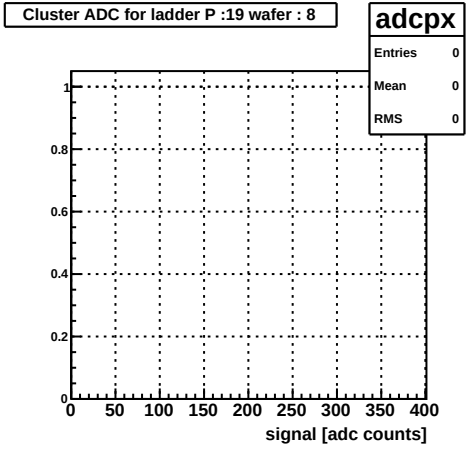

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

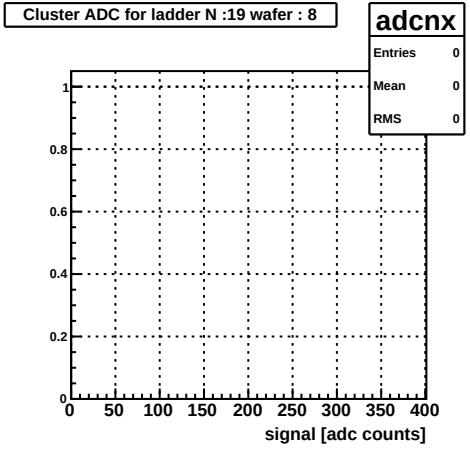

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

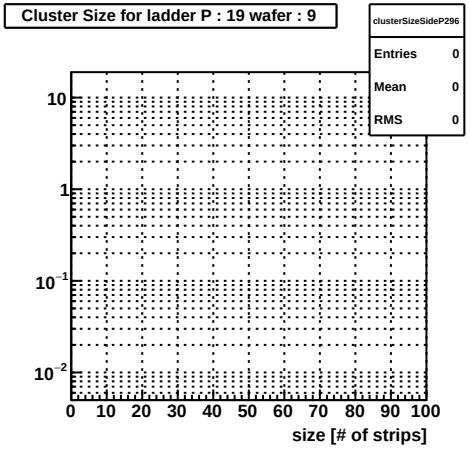

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

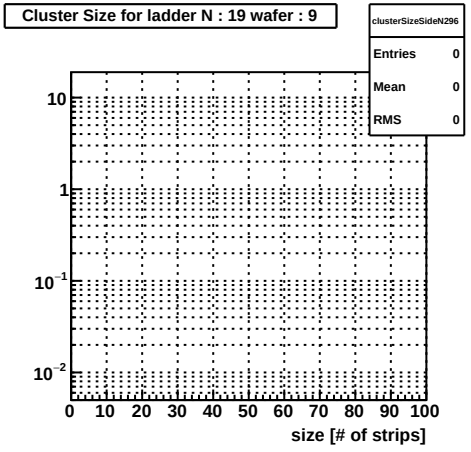

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

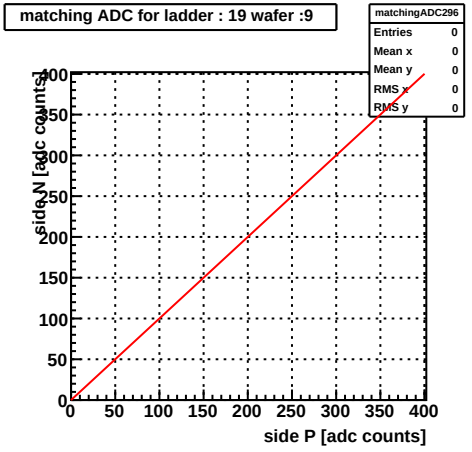

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

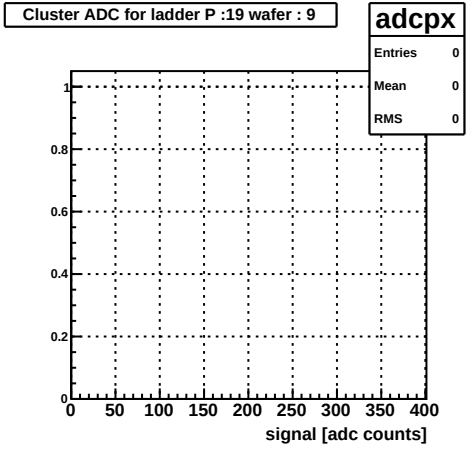

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

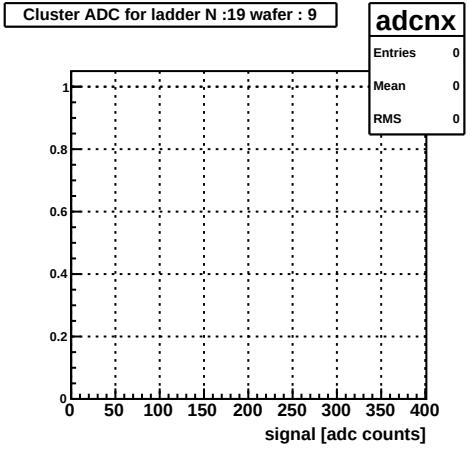

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

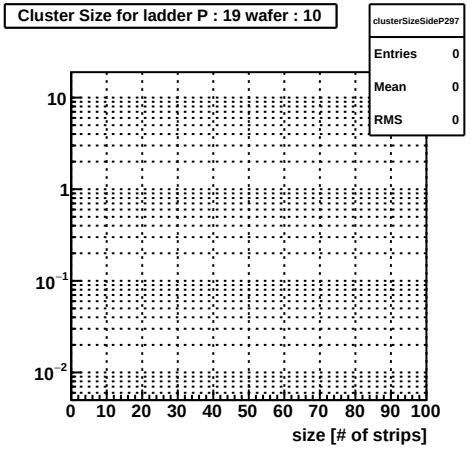

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

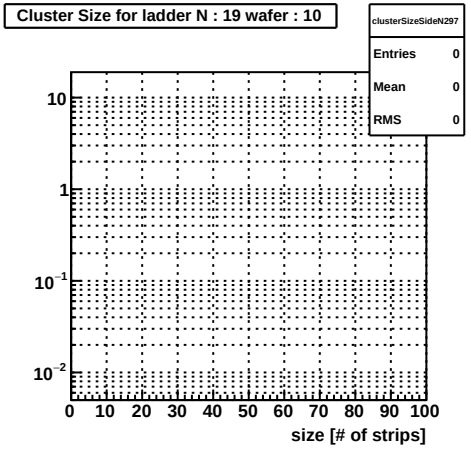

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

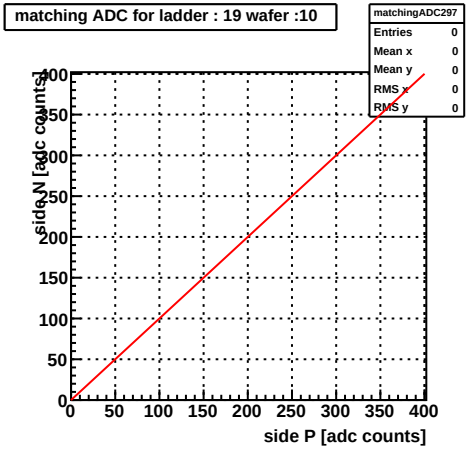

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

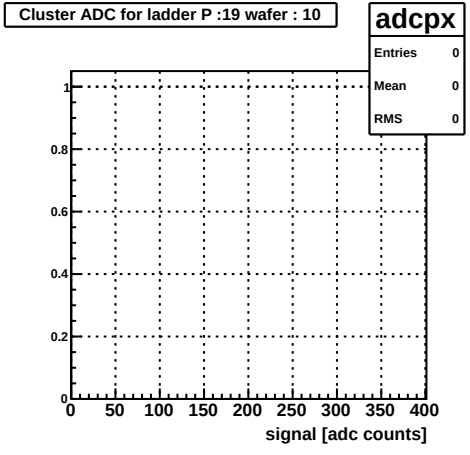

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

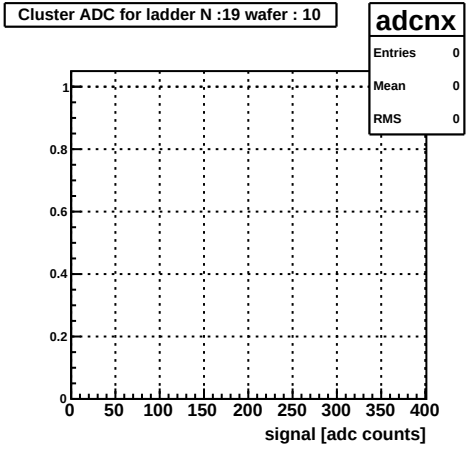

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

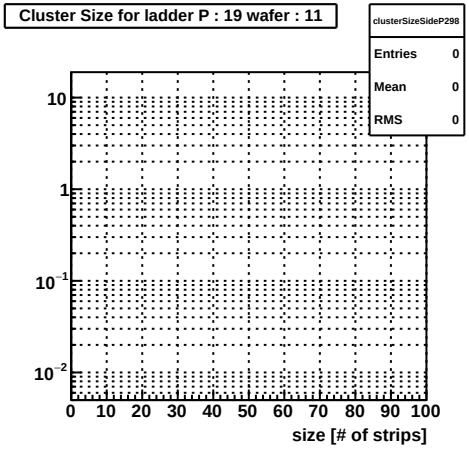

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

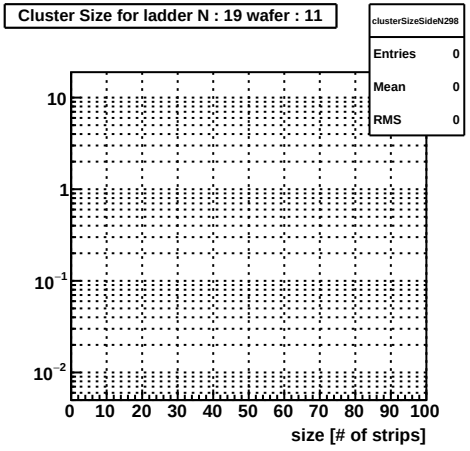

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

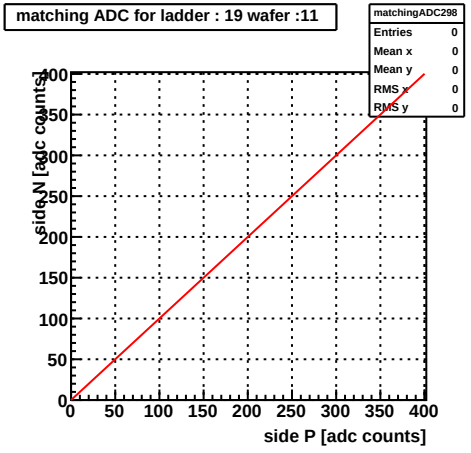

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

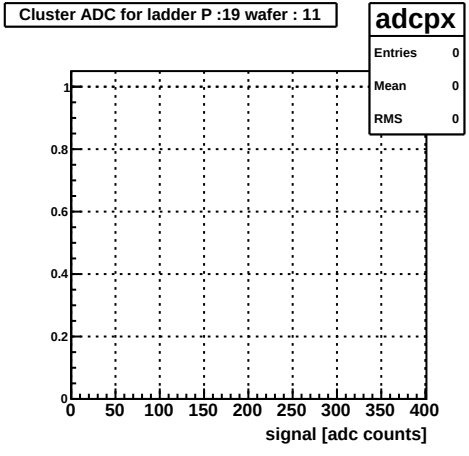

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

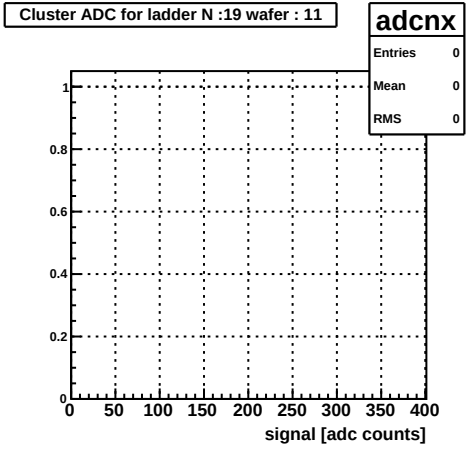

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

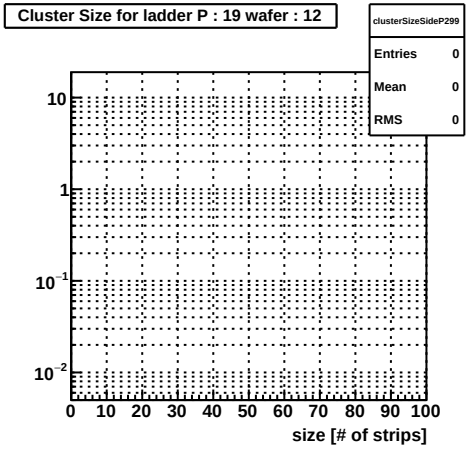

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

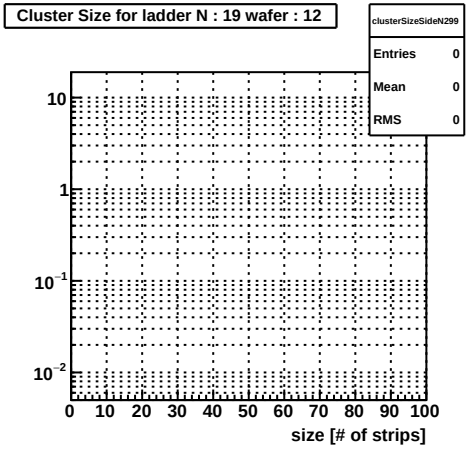

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

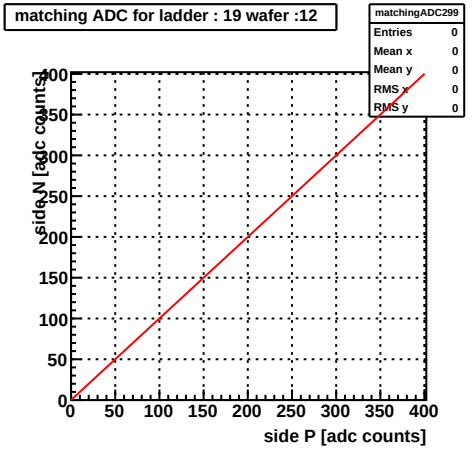

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

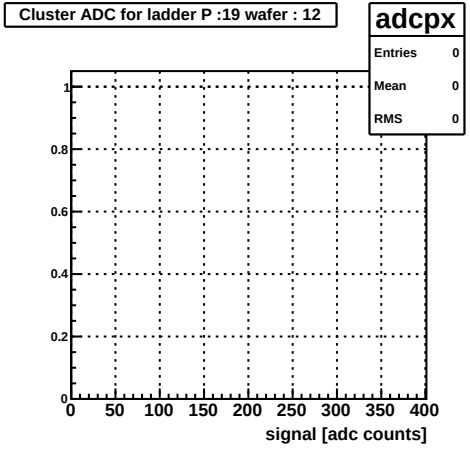

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

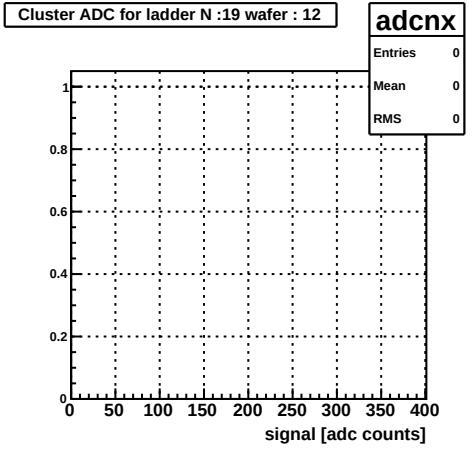

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

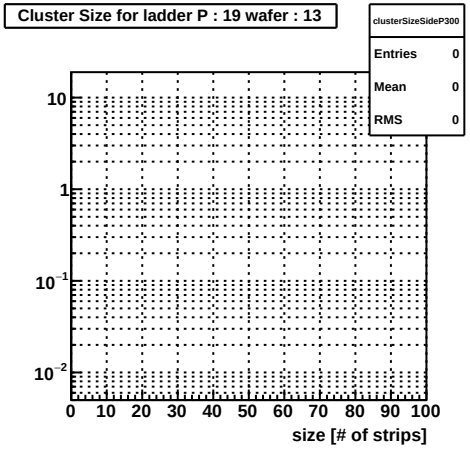

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

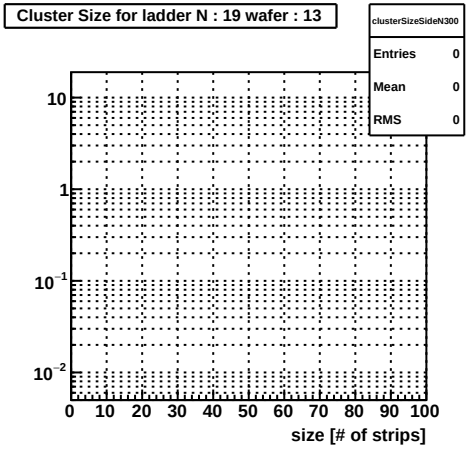

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

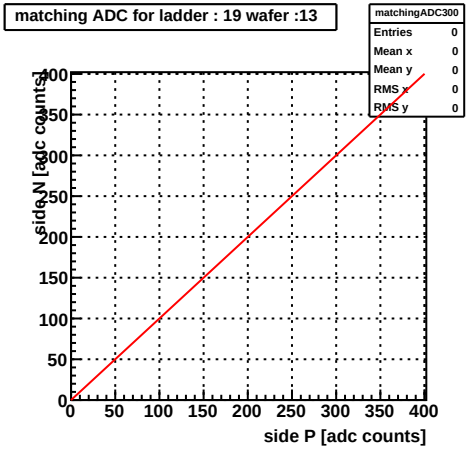

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

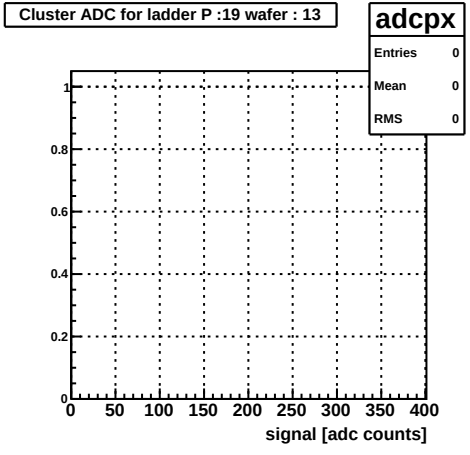

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

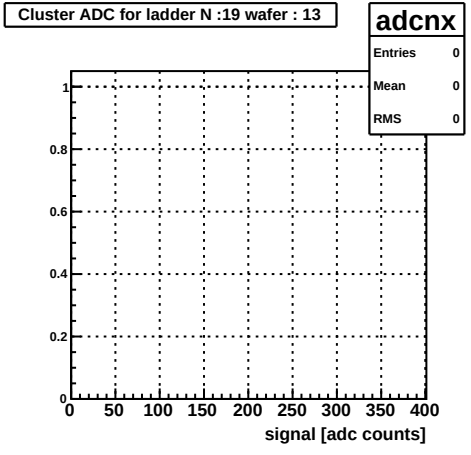

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

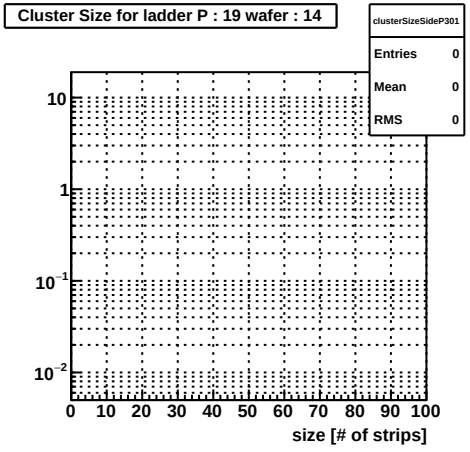

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

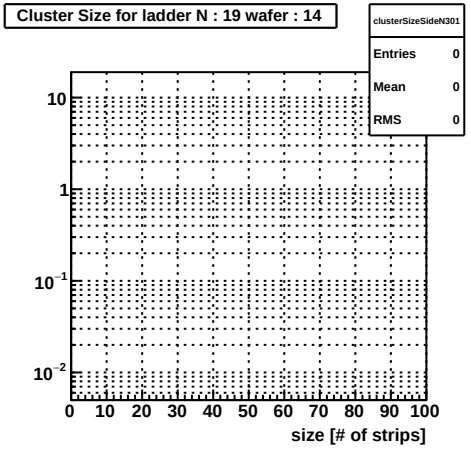

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

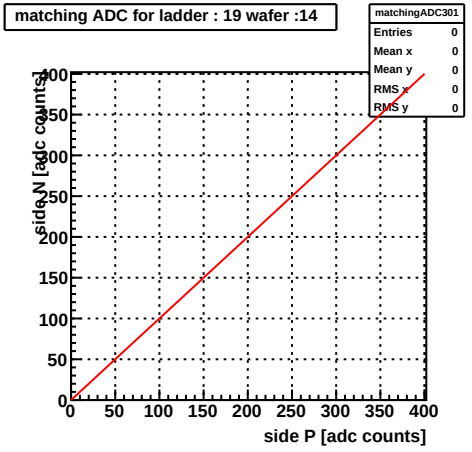

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

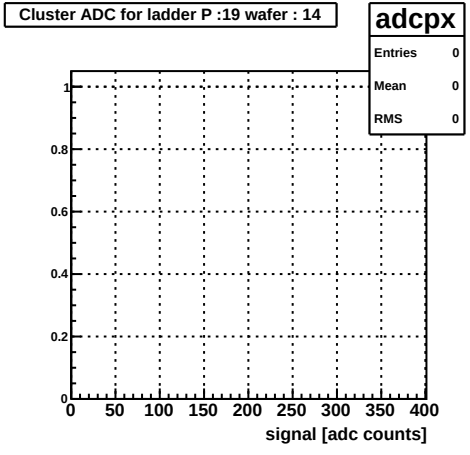

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

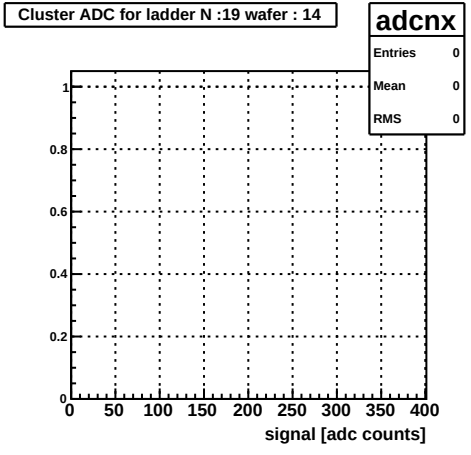

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

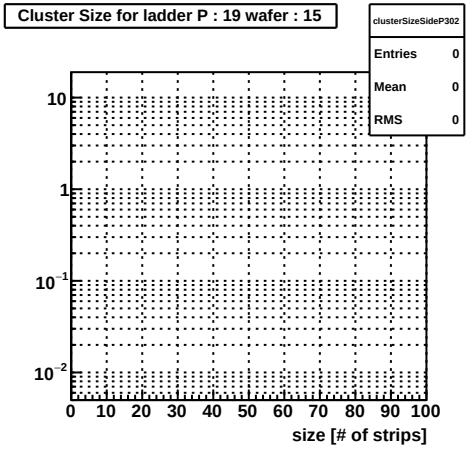

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

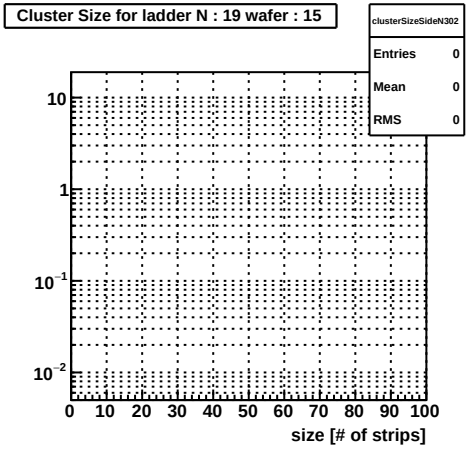

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

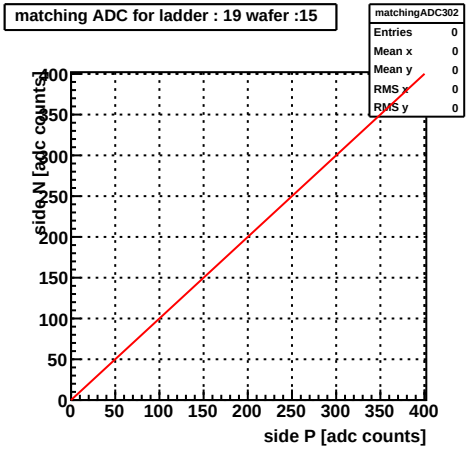

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

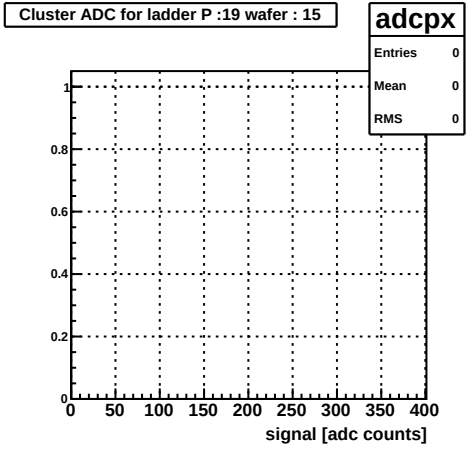

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

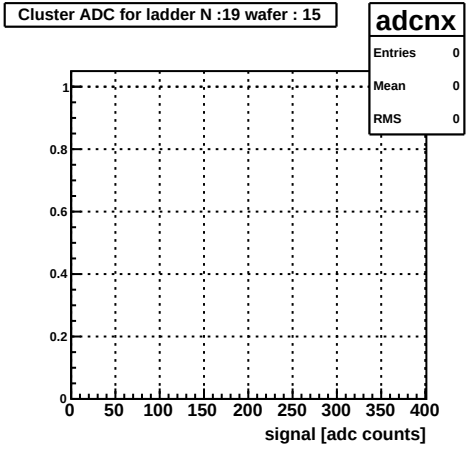

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

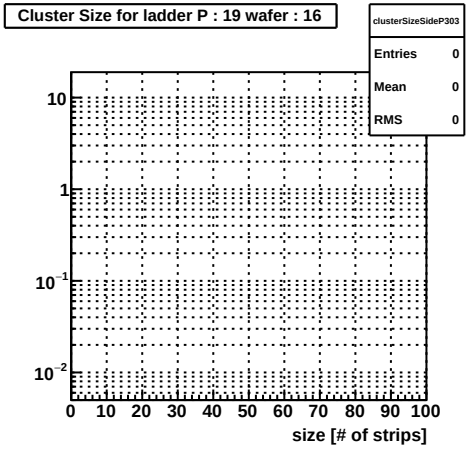

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

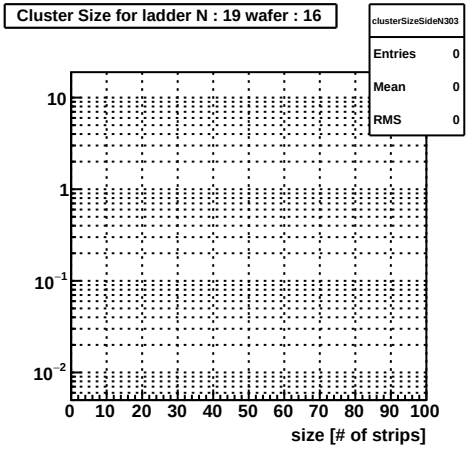

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

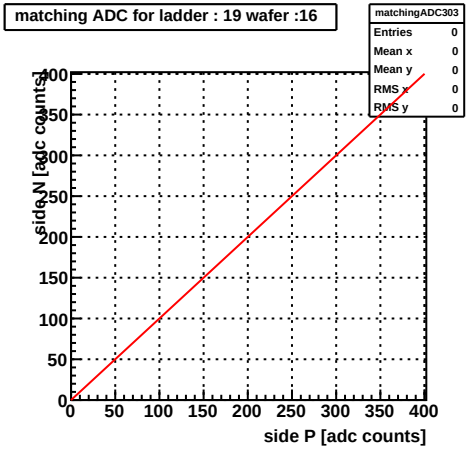

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

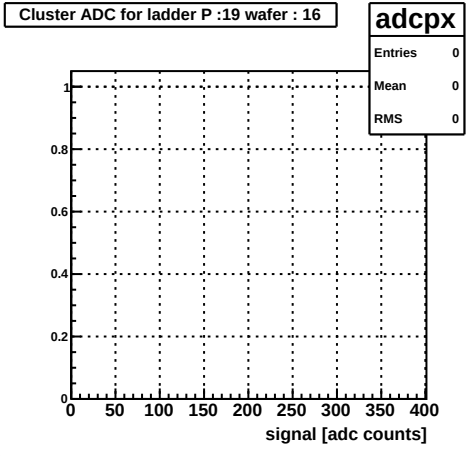

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

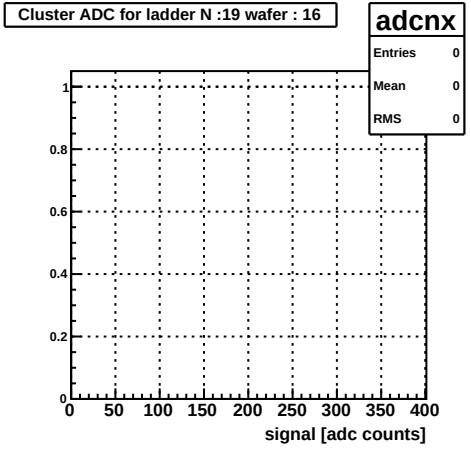

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

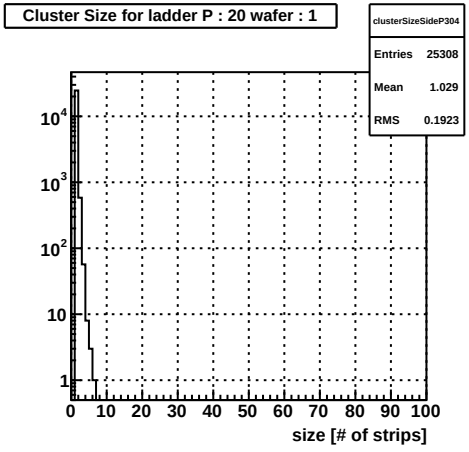

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

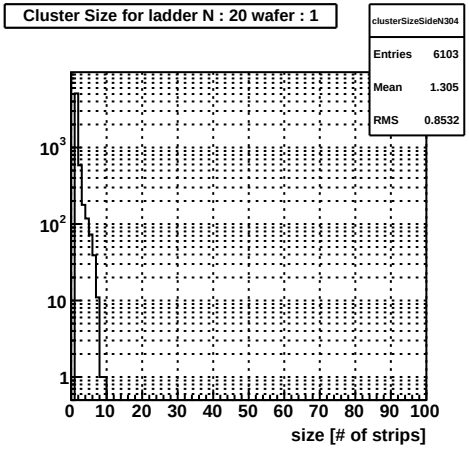

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

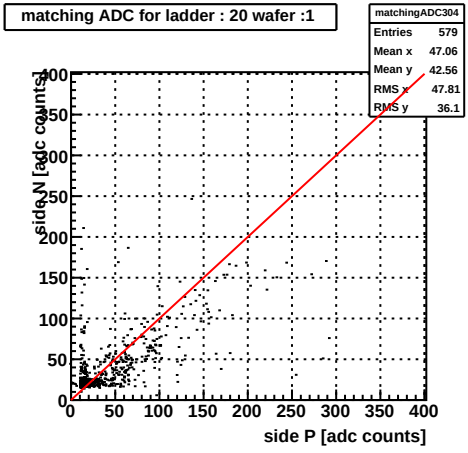

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

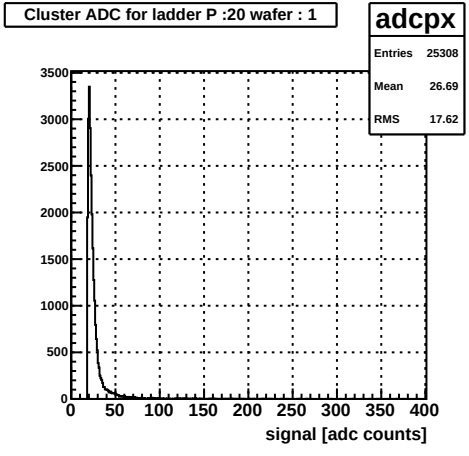

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

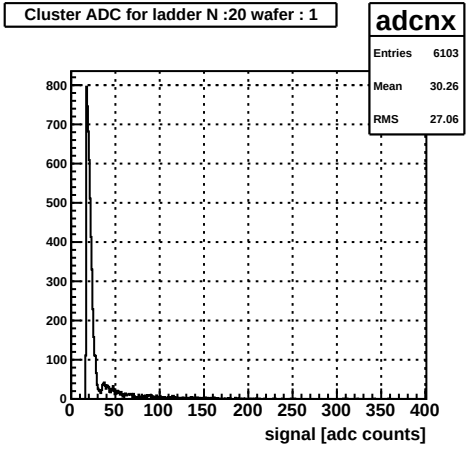

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

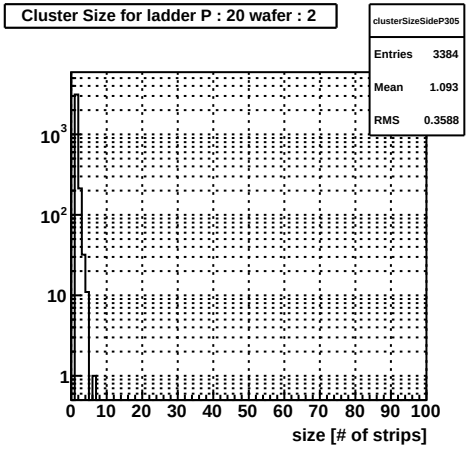

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 25308
Mean 1.029
RMS 0.1923
size [# of strips]

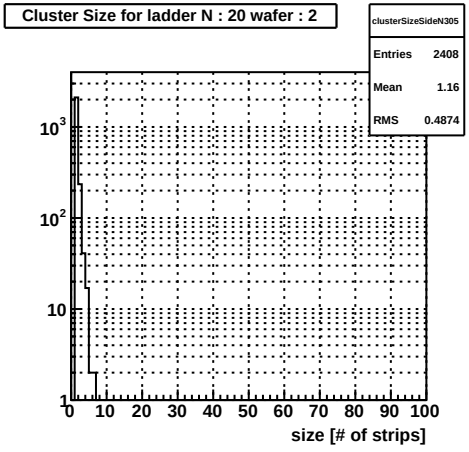

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 6103
Mean 1.305
RMS 0.8532
size [# of strips]

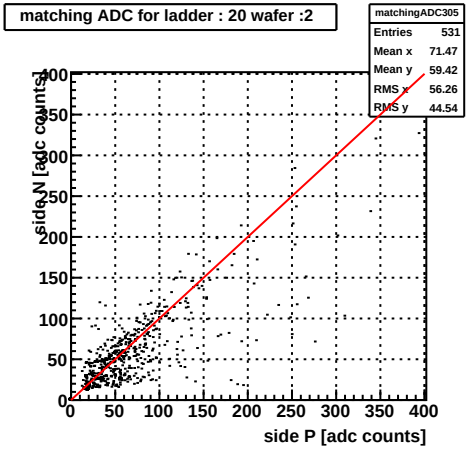

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 579
Mean x 47.06
Mean y 42.56
RMS x 47.81
RMS y 36.1
side N [adc counts]
side P [adc counts]

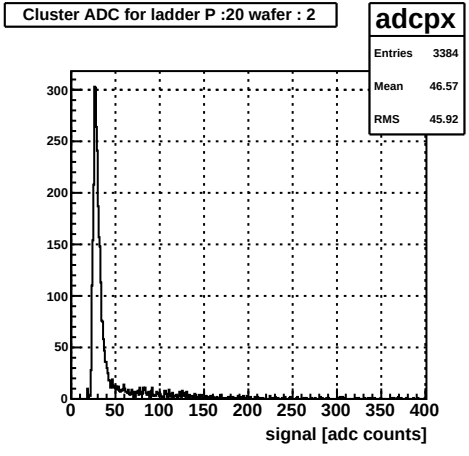

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 25308
Mean 26.69
RMS 17.62
signal [adc counts]

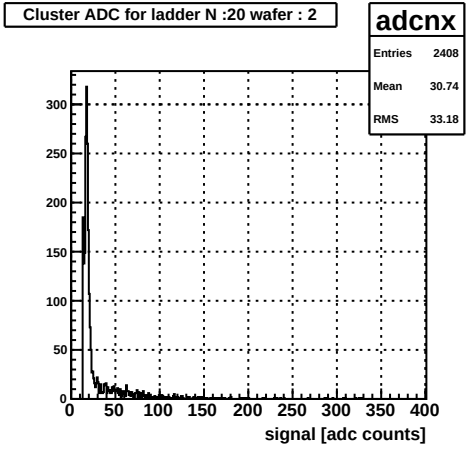

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 6103
Mean 30.26
RMS 27.06
signal [adc counts]

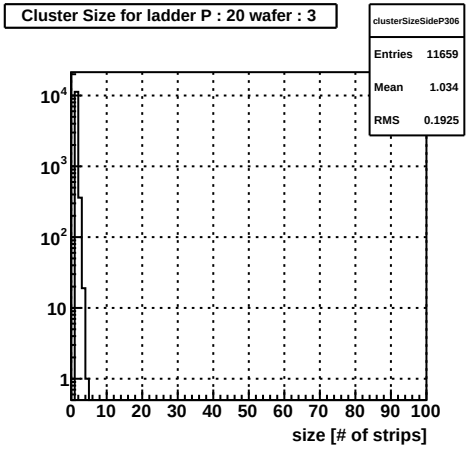

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 3384
Mean 1.093
RMS 0.3588
size [# of strips]

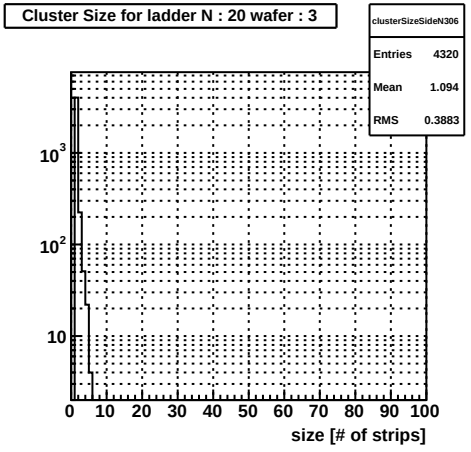

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 2408
Mean 1.16
RMS 0.4874
size [# of strips]

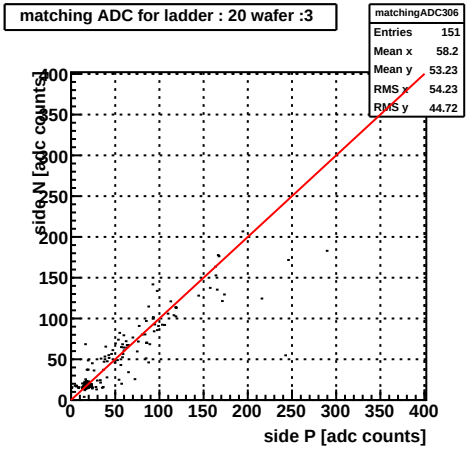

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 531
Mean x 71.47
Mean y 59.42
RMS x 56.26
RMS y 44.54
side N [adc counts]
side P [adc counts]

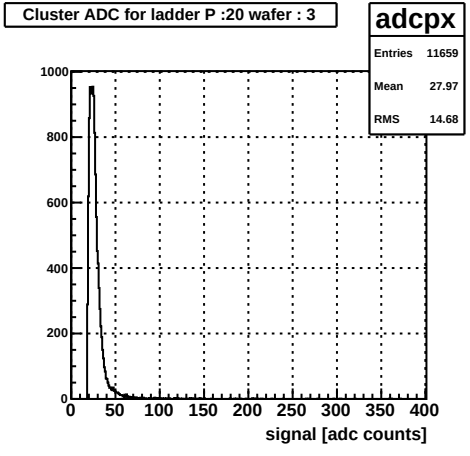

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 3384
Mean 46.57
RMS 45.92
signal [adc counts]

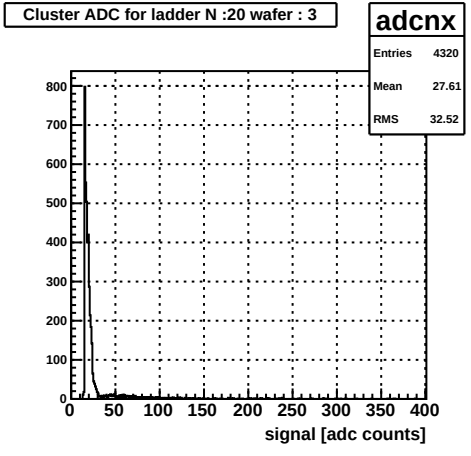

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 2408
Mean 30.74
RMS 33.18
signal [adc counts]

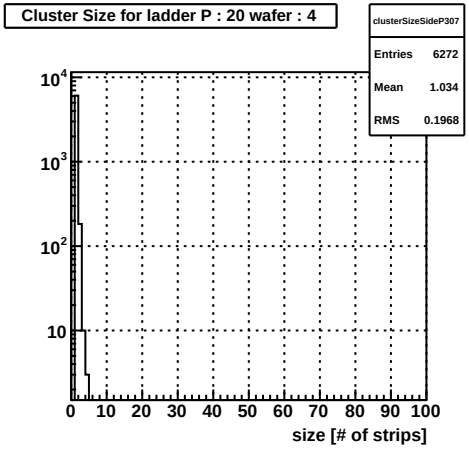

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 11659
Mean 1.034
RMS 0.1925
size [# of strips]

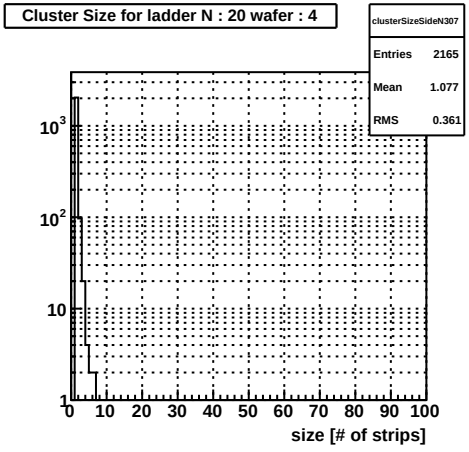

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 4320
Mean 1.094
RMS 0.3883
size [# of strips]

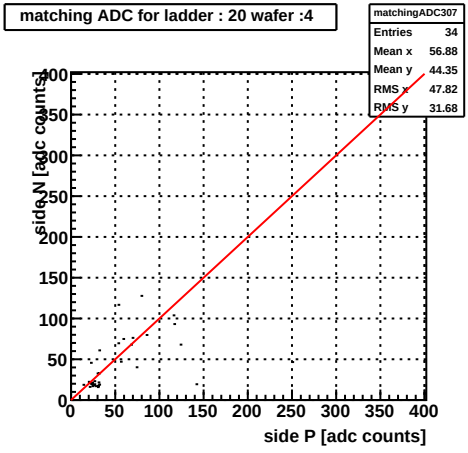

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 151
Mean x 58.2
Mean y 53.23
RMS x 54.23
RMS y 44.72
side N [adc counts]
side P [adc counts]

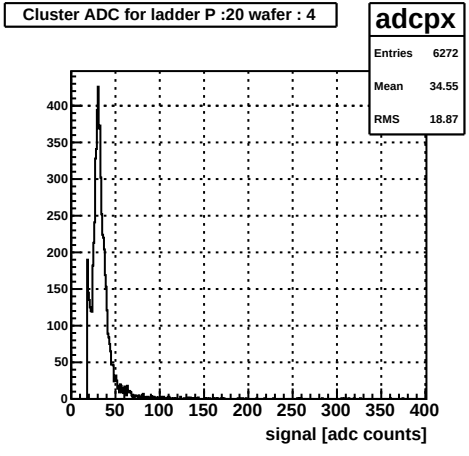

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 11659
Mean 27.97
RMS 14.68
signal [adc counts]

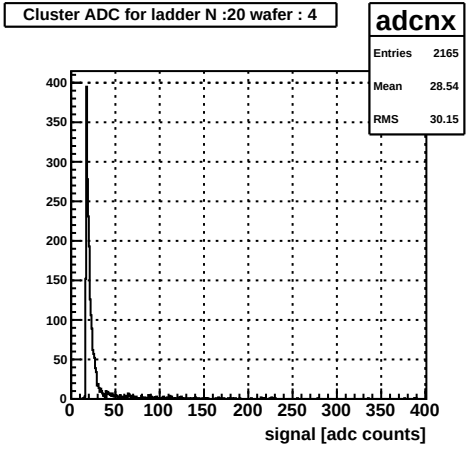

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 4320
Mean 27.61
RMS 32.52
signal [adc counts]

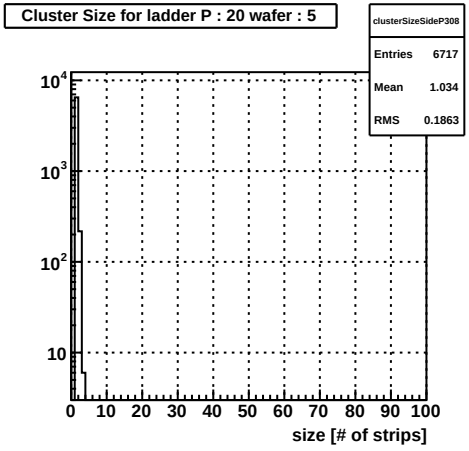

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 6272
Mean 1.034
RMS 0.1968
size [# of strips]

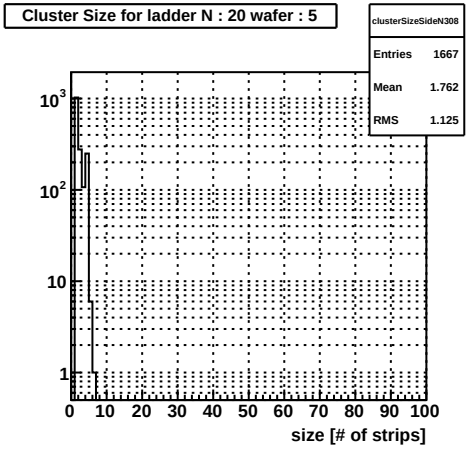

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 2165
Mean 1.077
RMS 0.361
size [# of strips]

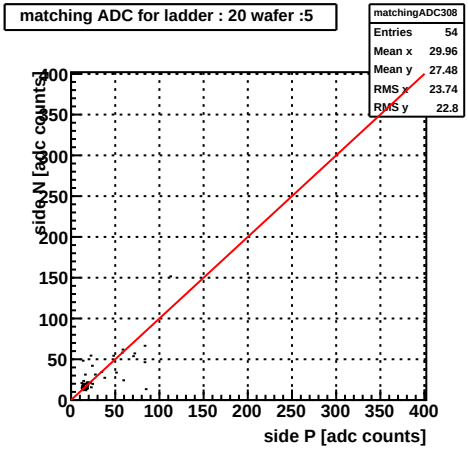

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 34
Mean x 56.88
Mean y 44.35
RMS x 47.82
RMS y 31.68
side N [adc counts]
side P [adc counts]

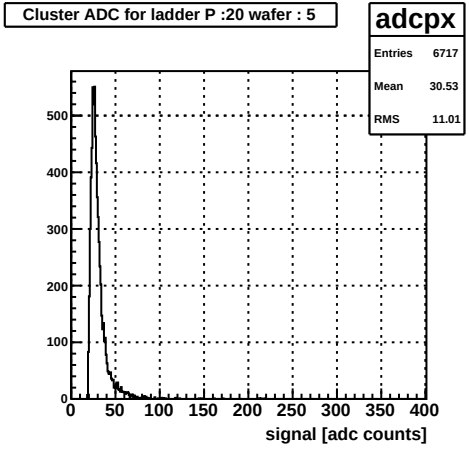

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 6272
Mean 34.55
RMS 18.87
signal [adc counts]

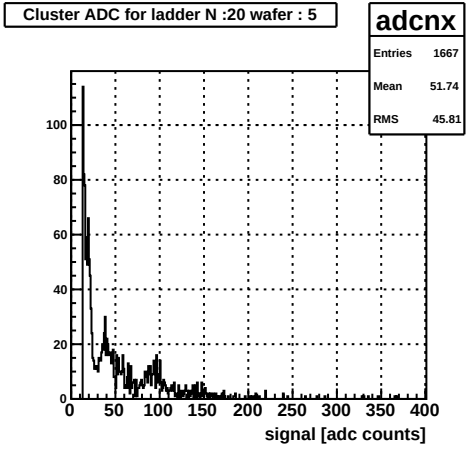

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 2165
Mean 28.54
RMS 30.15
signal [adc counts]

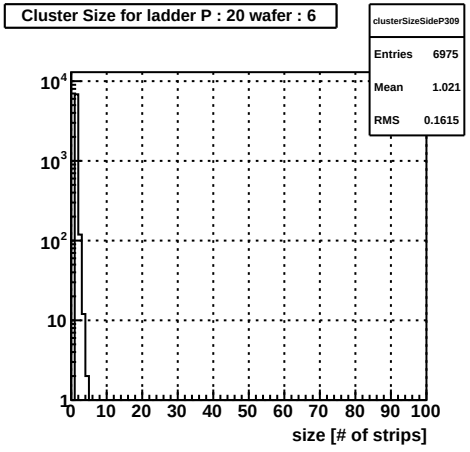

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 6717
Mean 1.034
RMS 0.1863
size [# of strips]

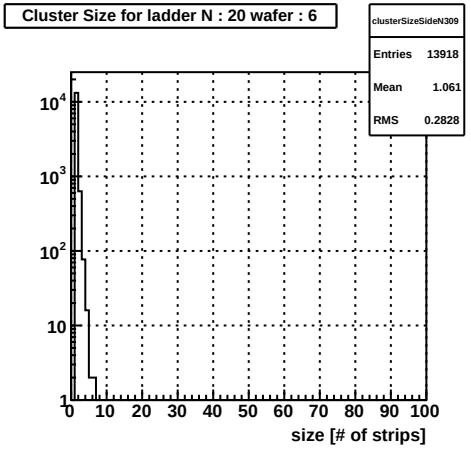

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 1667
Mean 1.762
RMS 1.125
size [# of strips]

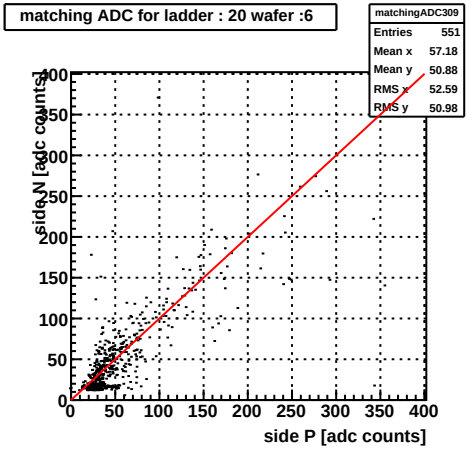

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 54
Mean x 29.96
Mean y 27.48
RMS x 23.74
RMS y 22.8
side N [adc counts]
side P [adc counts]

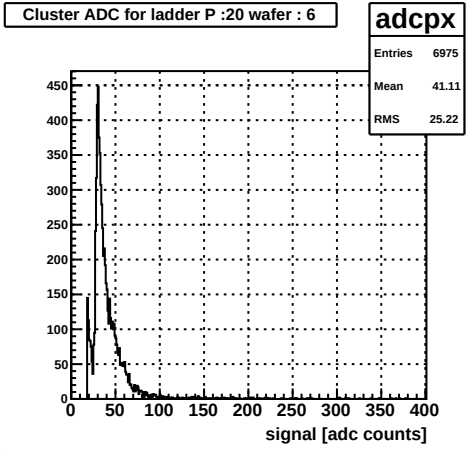

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 6717
Mean 30.53
RMS 11.01
signal [adc counts]

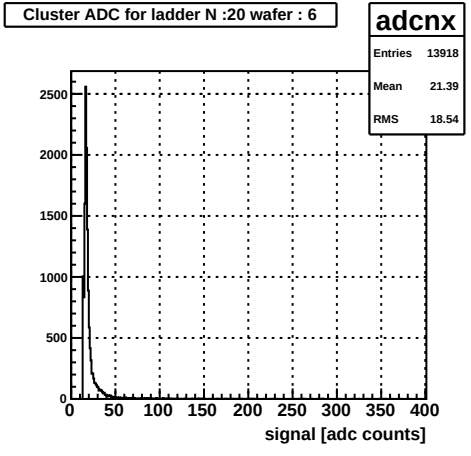

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 1667
Mean 51.74
RMS 45.81
signal [adc counts]

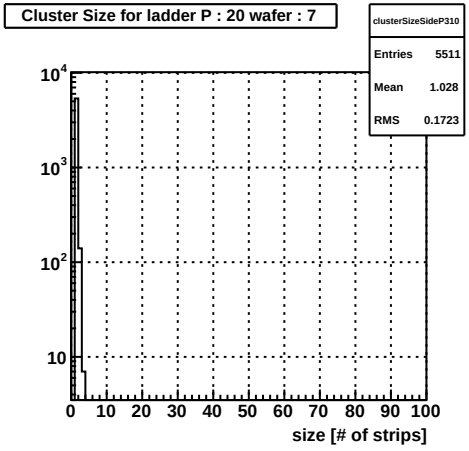

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 6975
Mean 1.021
RMS 0.1615
size [# of strips]

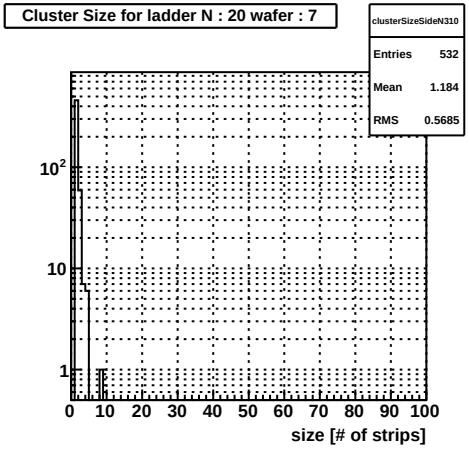

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 13918
Mean 1.061
RMS 0.2828
size [# of strips]

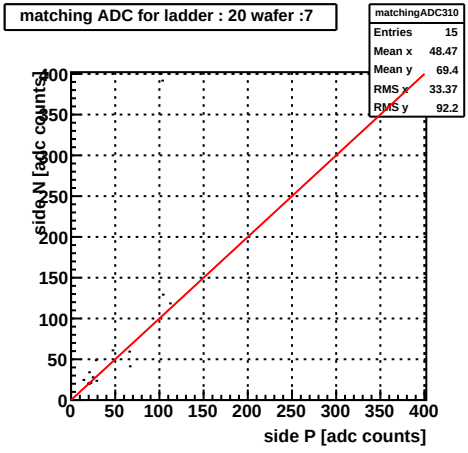

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 551
Mean x 57.18
Mean y 50.88
RMS x 52.59
RMS y 50.98
side N [adc counts]
side P [adc counts]

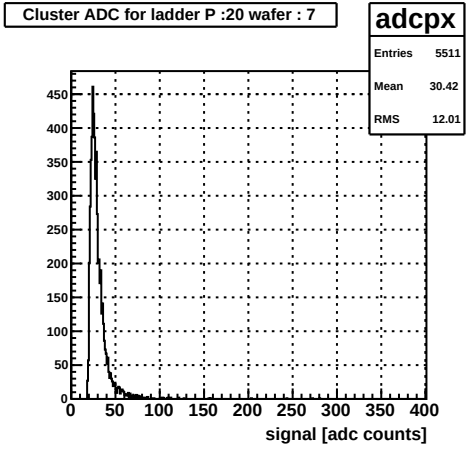

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 6975
Mean 41.11
RMS 25.22
signal [adc counts]

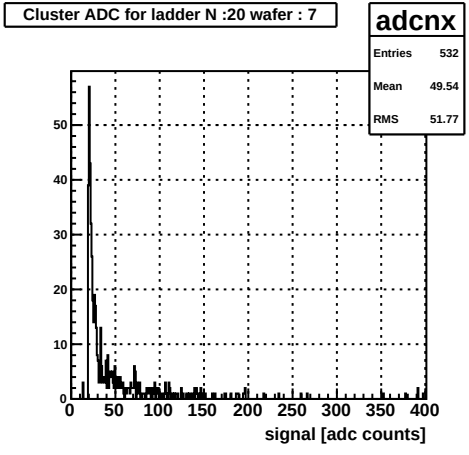

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 13918
Mean 21.39
RMS 18.54
signal [adc counts]

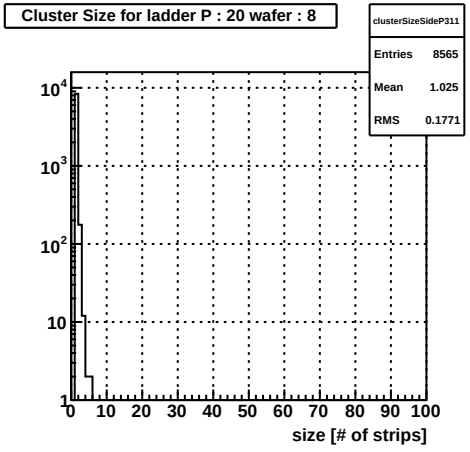

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 5511
Mean 1.028
RMS 0.1723
size [# of strips]

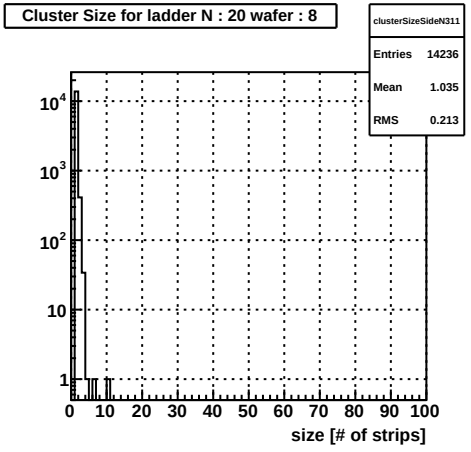

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 532
Mean 1.184
RMS 0.5685
size [# of strips]

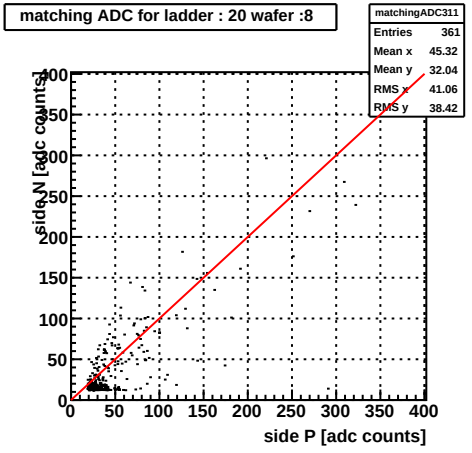

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 15
Mean x 48.47
Mean y 69.4
RMS x 33.37
RMS y 92.2
side N [adc counts]
side P [adc counts]

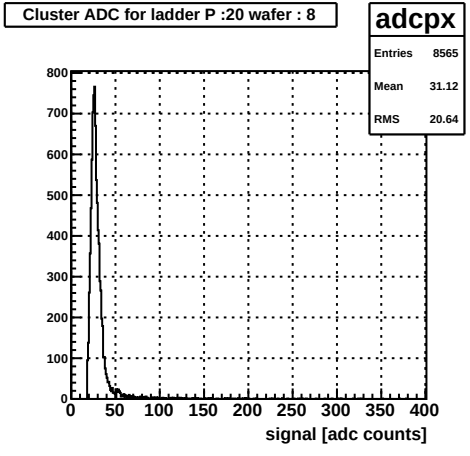

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 5511
Mean 30.42
RMS 12.01
signal [adc counts]

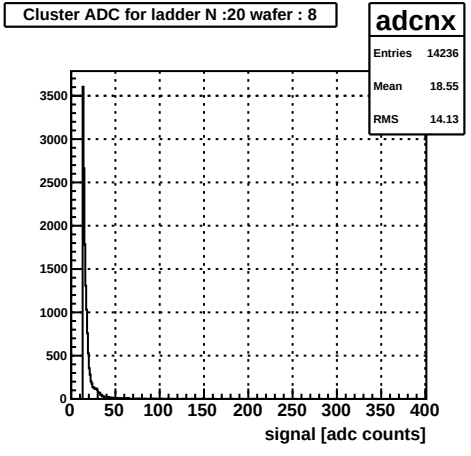

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 532
Mean 49.54
RMS 51.77
signal [adc counts]

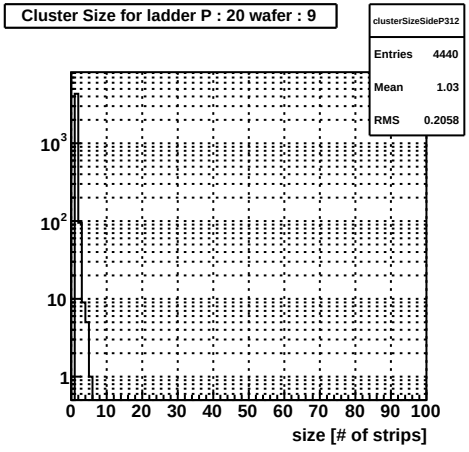

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 8565
Mean 1.025
RMS 0.1771
size [# of strips]

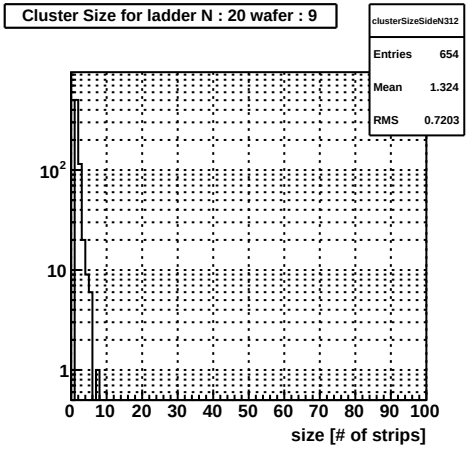

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 14236
Mean 1.035
RMS 0.213
size [# of strips]

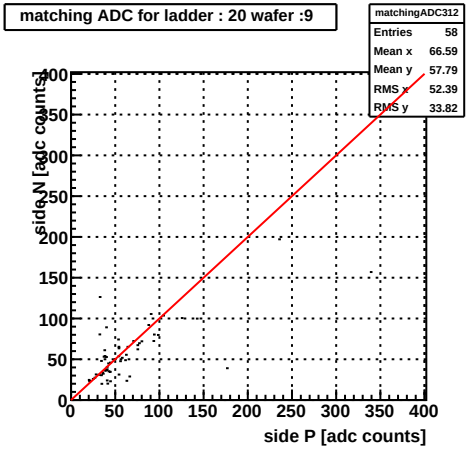

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 361
Mean x 45.32
Mean y 32.04
RMS x 41.06
RMS y 38.42
side N [adc counts]
side P [adc counts]

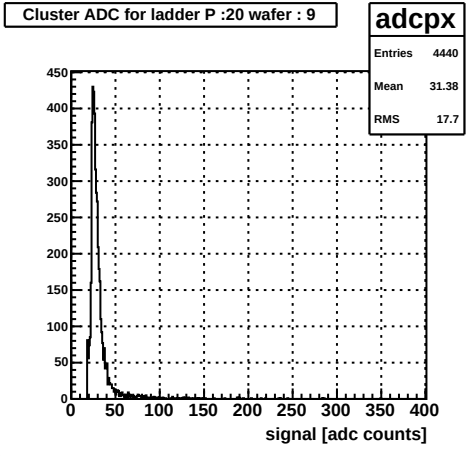

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 8565
Mean 31.12
RMS 20.64
signal [adc counts]

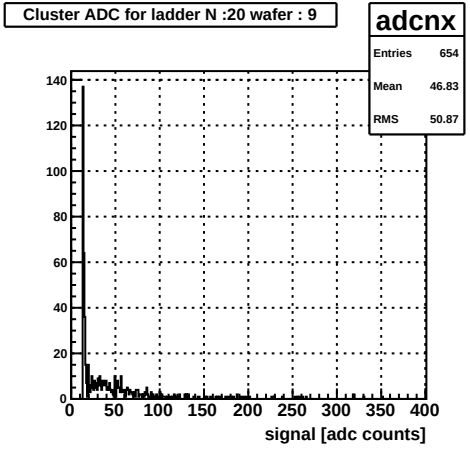

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 14236
Mean 18.55
RMS 14.13
signal [adc counts]

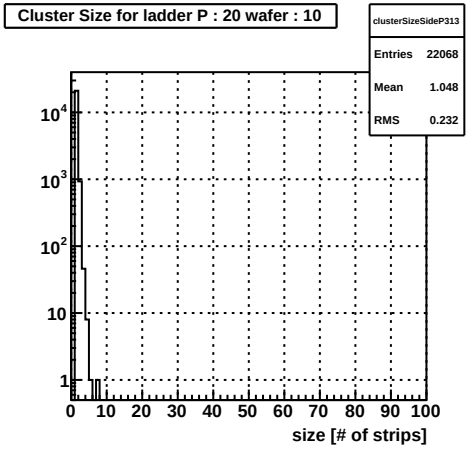

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 4440
Mean 1.03
RMS 0.2058
size [# of strips]

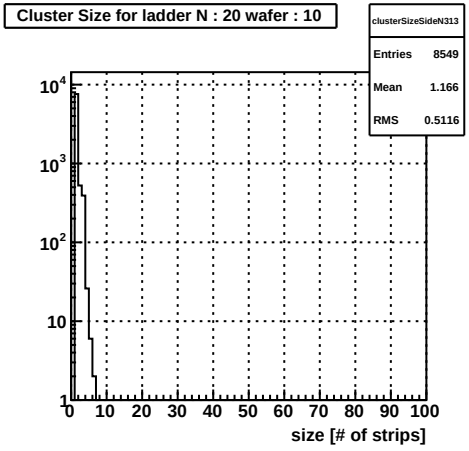

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 654
Mean 1.324
RMS 0.7203
size [# of strips]

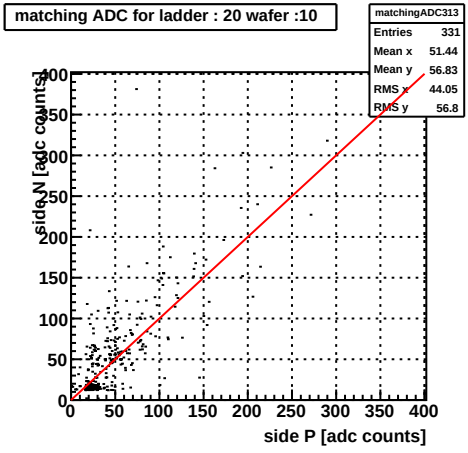

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 58
Mean x 66.59
Mean y 57.79
RMS x 52.39
RMS y 33.82
side N [adc counts]
side P [adc counts]

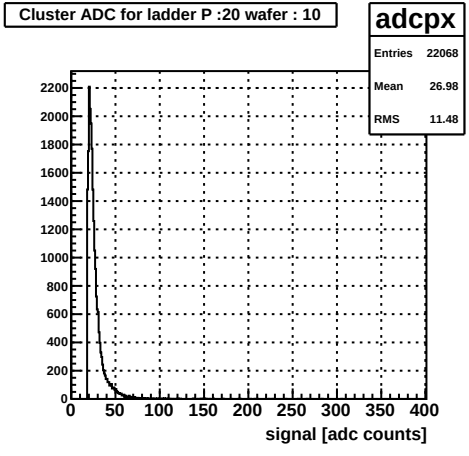

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 4440
Mean 31.38
RMS 17.7
signal [adc counts]

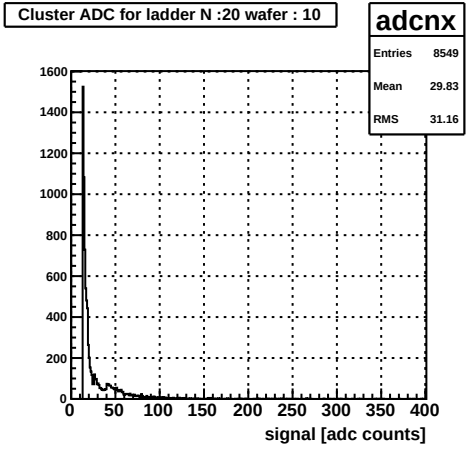

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 654
Mean 46.83
RMS 50.87
signal [adc counts]

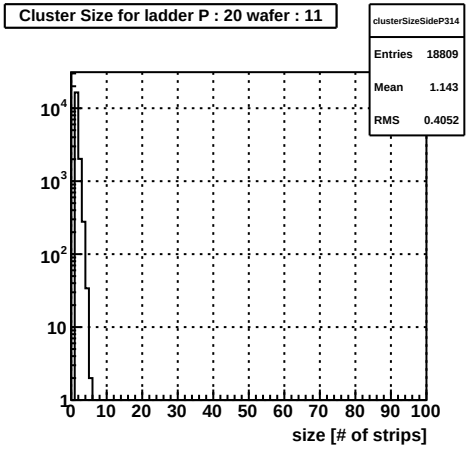

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 22068
Mean 1.048
RMS 0.232
size [# of strips]

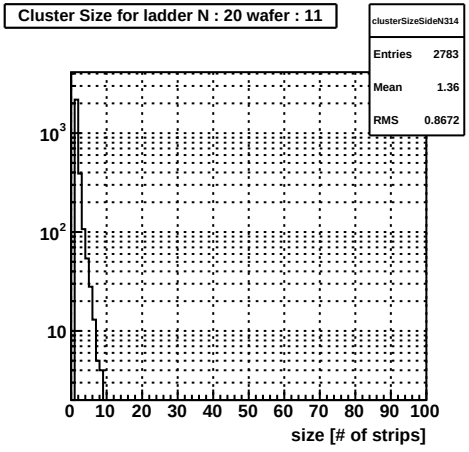

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 8549
Mean 1.166
RMS 0.5116
size [# of strips]

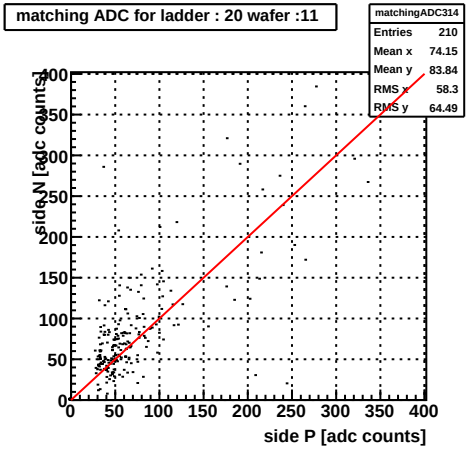

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 331
Mean x 51.44
Mean y 56.83
RMS x 44.05
RMS y 56.8
side N [adc counts]
side P [adc counts]

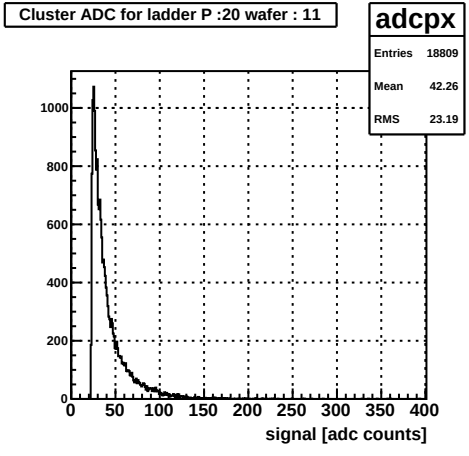

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 22068
Mean 26.98
RMS 11.48
signal [adc counts]

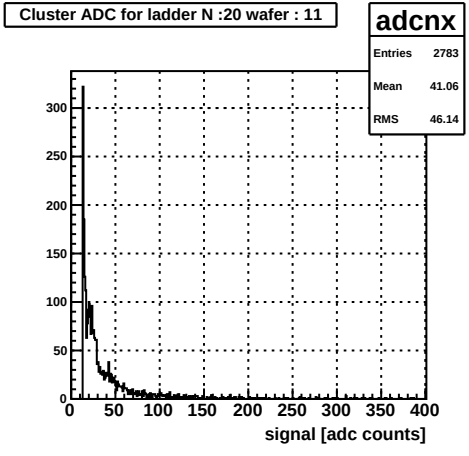

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 8549
Mean 29.83
RMS 31.16
signal [adc counts]

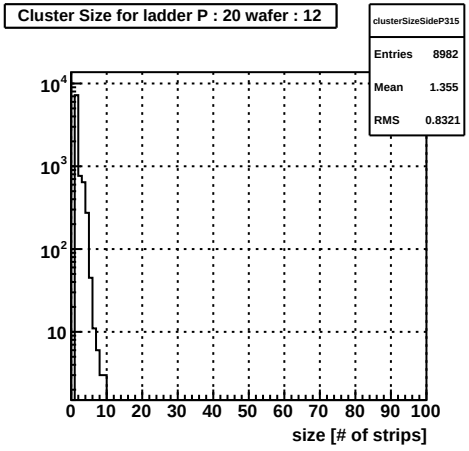

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 18809
Mean 1.143
RMS 0.4052
size [# of strips]

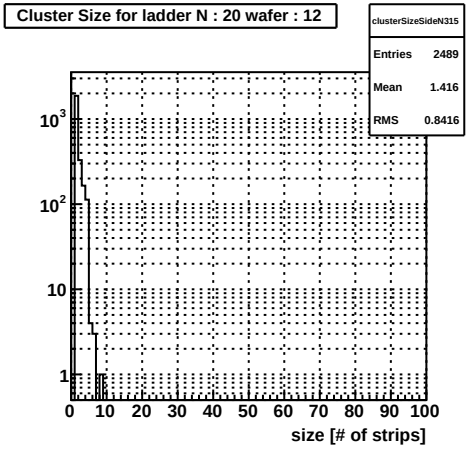

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 2783
Mean 1.36
RMS 0.8672
size [# of strips]

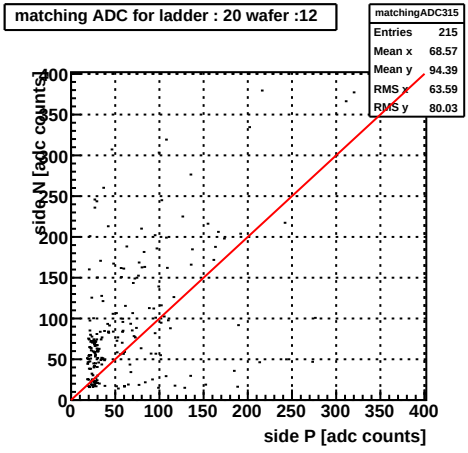

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 210
Mean x 74.15
Mean y 83.84
RMS x 58.3
RMS y 64.49
side N [adc counts]
side P [adc counts]

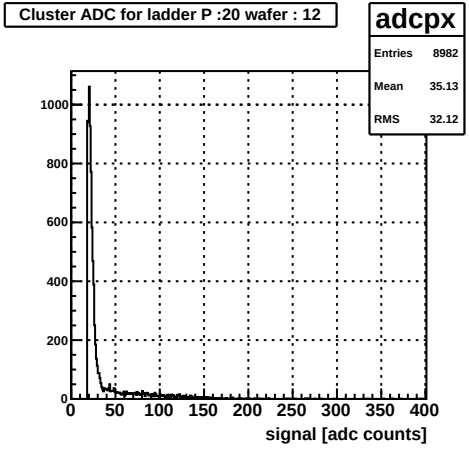

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 18809
Mean 42.26
RMS 23.19
signal [adc counts]

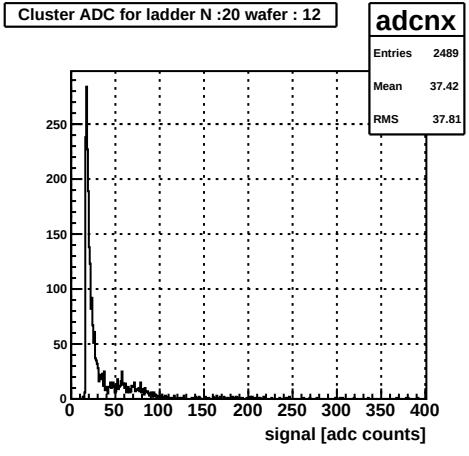

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 2783
Mean 41.06
RMS 46.14
signal [adc counts]

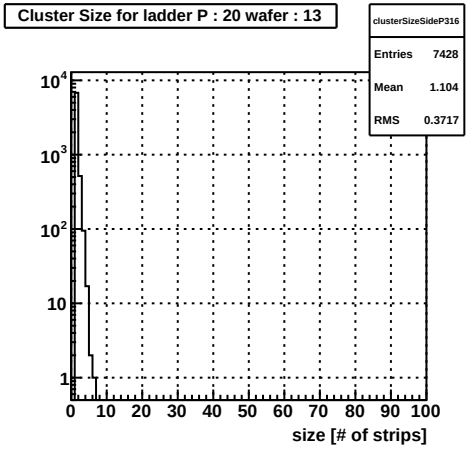

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 8982
Mean 1.355
RMS 0.8321
size [# of strips]

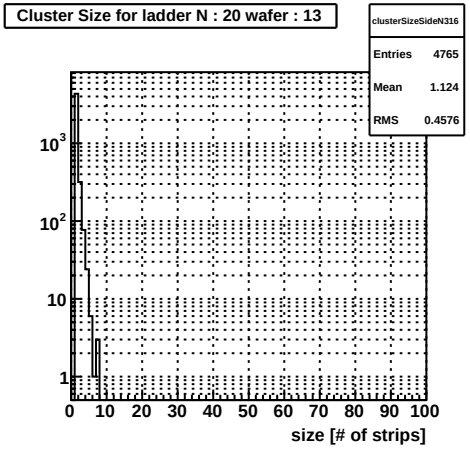

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 2489
Mean 1.416
RMS 0.8416
size [# of strips]

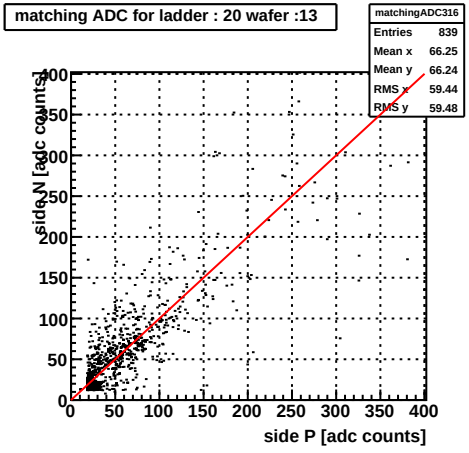

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 215
Mean x 68.57
Mean y 94.39
RMS x 63.59
RMS y 80.03
side N [adc counts]
side P [adc counts]

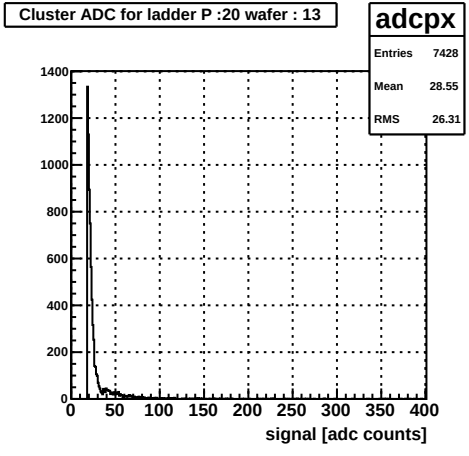

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 8982
Mean 35.13
RMS 32.12
signal [adc counts]

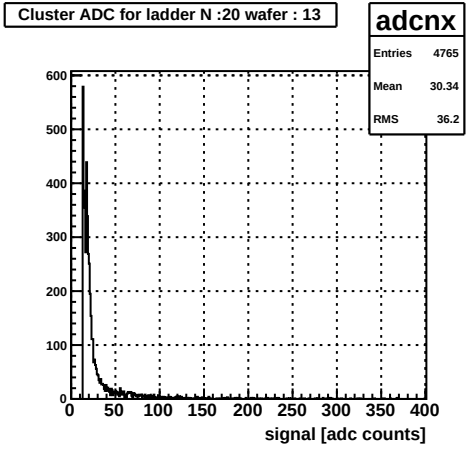

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 2489
Mean 37.42
RMS 37.81
signal [adc counts]

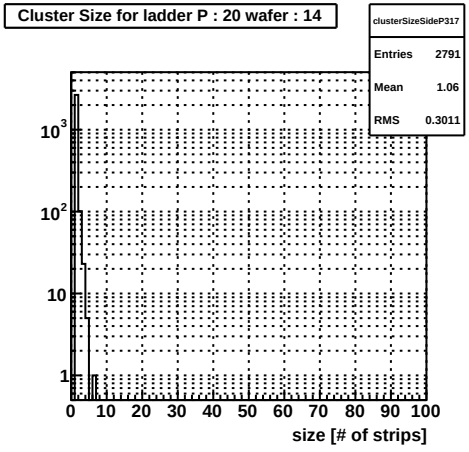

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 7428
Mean 1.104
RMS 0.3717
size [# of strips]

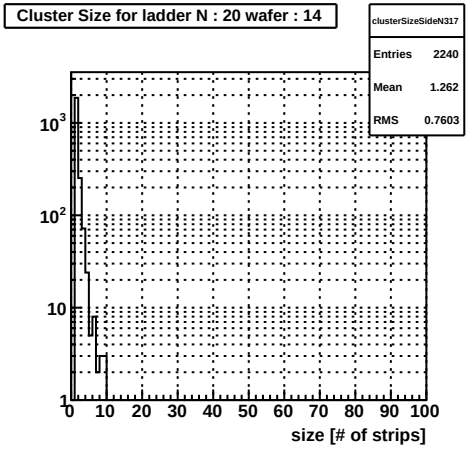

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 4765
Mean 1.124
RMS 0.4576
size [# of strips]

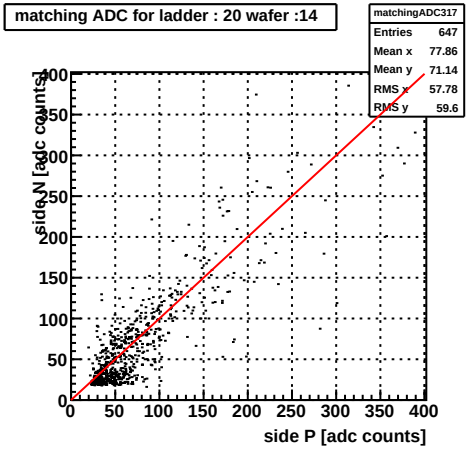

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 839
Mean x 66.25
Mean y 66.24
RMS x 59.44
RMS y 59.48
side N [adc counts]
side P [adc counts]

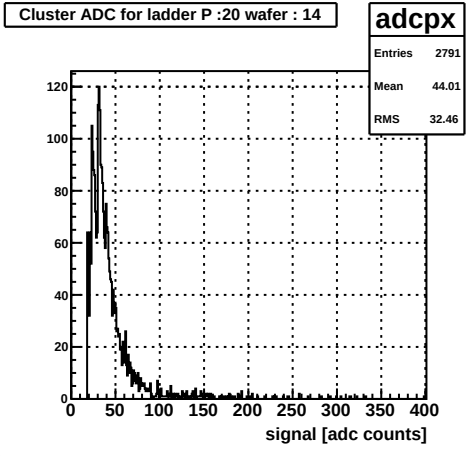

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 7428
Mean 28.55
RMS 26.31
signal [adc counts]

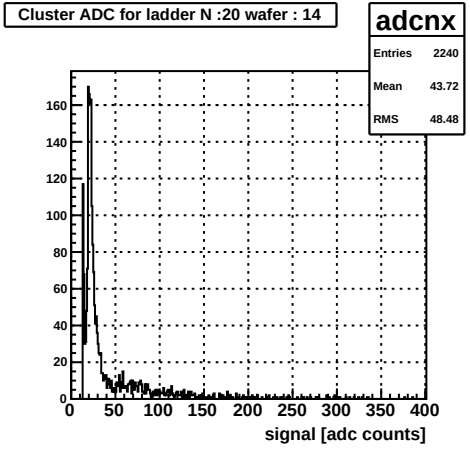

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 4765
Mean 30.34
RMS 36.2
signal [adc counts]

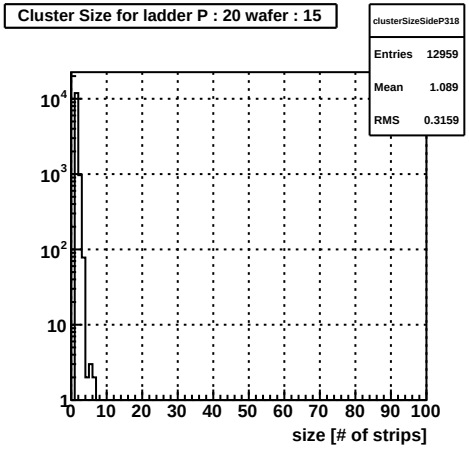

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 2791
Mean 1.06
RMS 0.3011
size [# of strips]

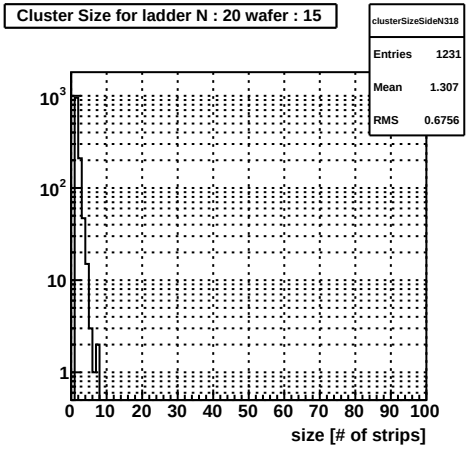

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 2240
Mean 1.262
RMS 0.7603
size [# of strips]

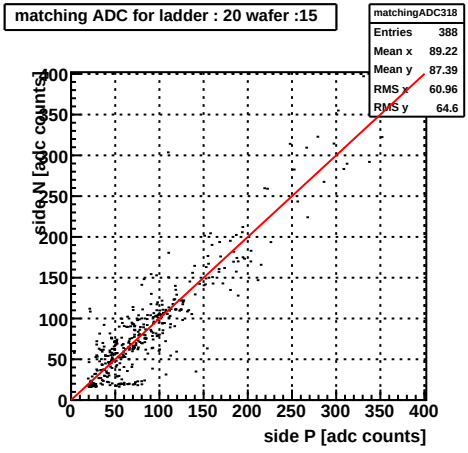

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 647
Mean x 77.86
Mean y 71.14
RMS x 57.78
RMS y 59.6
side N [adc counts]
side P [adc counts]

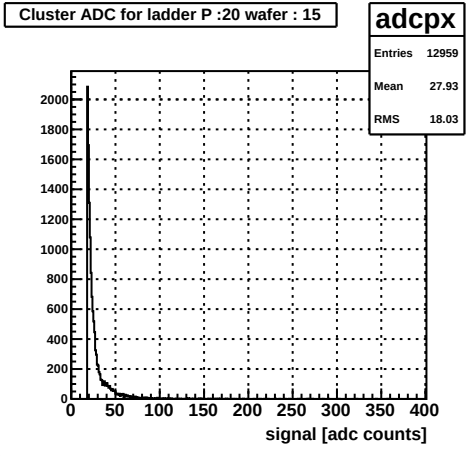

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 2791
Mean 44.01
RMS 32.46
signal [adc counts]

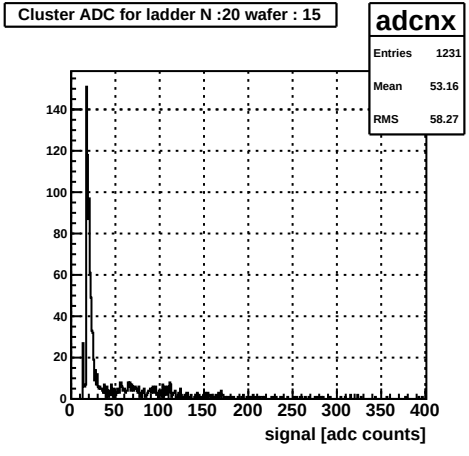

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 2240
Mean 43.72
RMS 48.48
signal [adc counts]

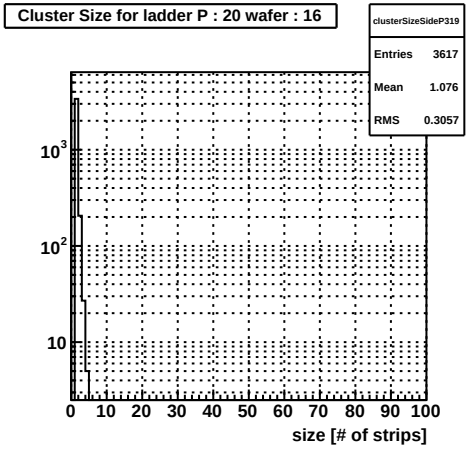

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 12959
Mean 1.089
RMS 0.3159
size [# of strips]

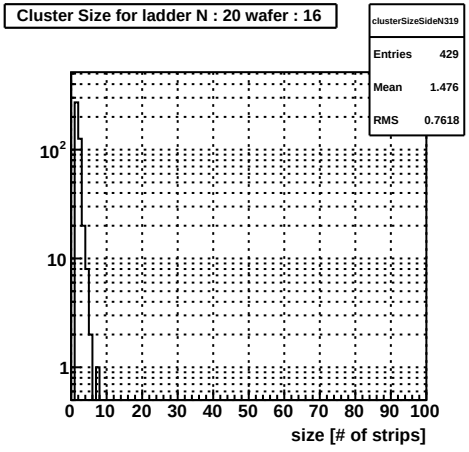

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 1231
Mean 1.307
RMS 0.6756
size [# of strips]

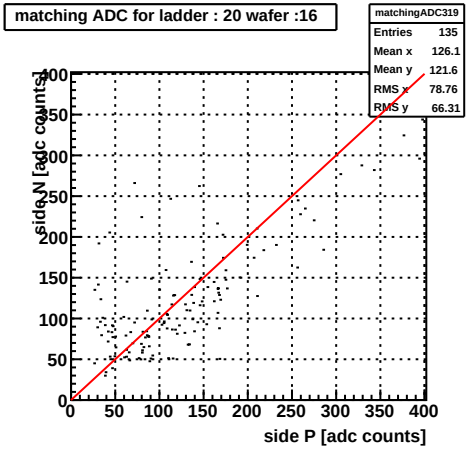

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 388
Mean x 89.22
Mean y 87.39
RMS x 60.96
RMS y 64.6
side N [adc counts]
side P [adc counts]

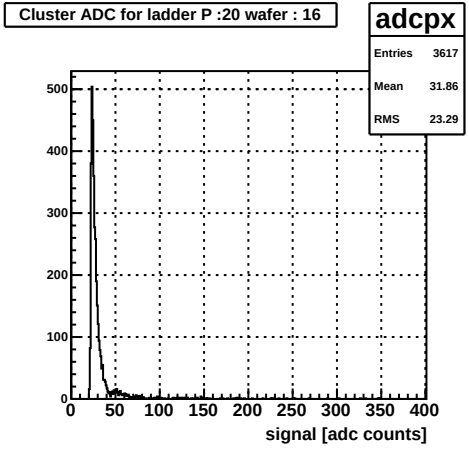

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 12959
Mean 27.93
RMS 18.03
signal [adc counts]

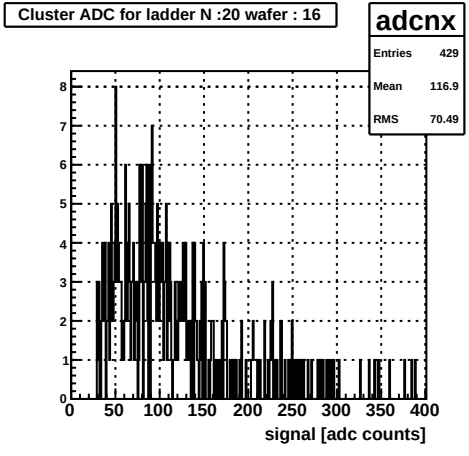

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 1231
Mean 53.16
RMS 58.27
signal [adc counts]

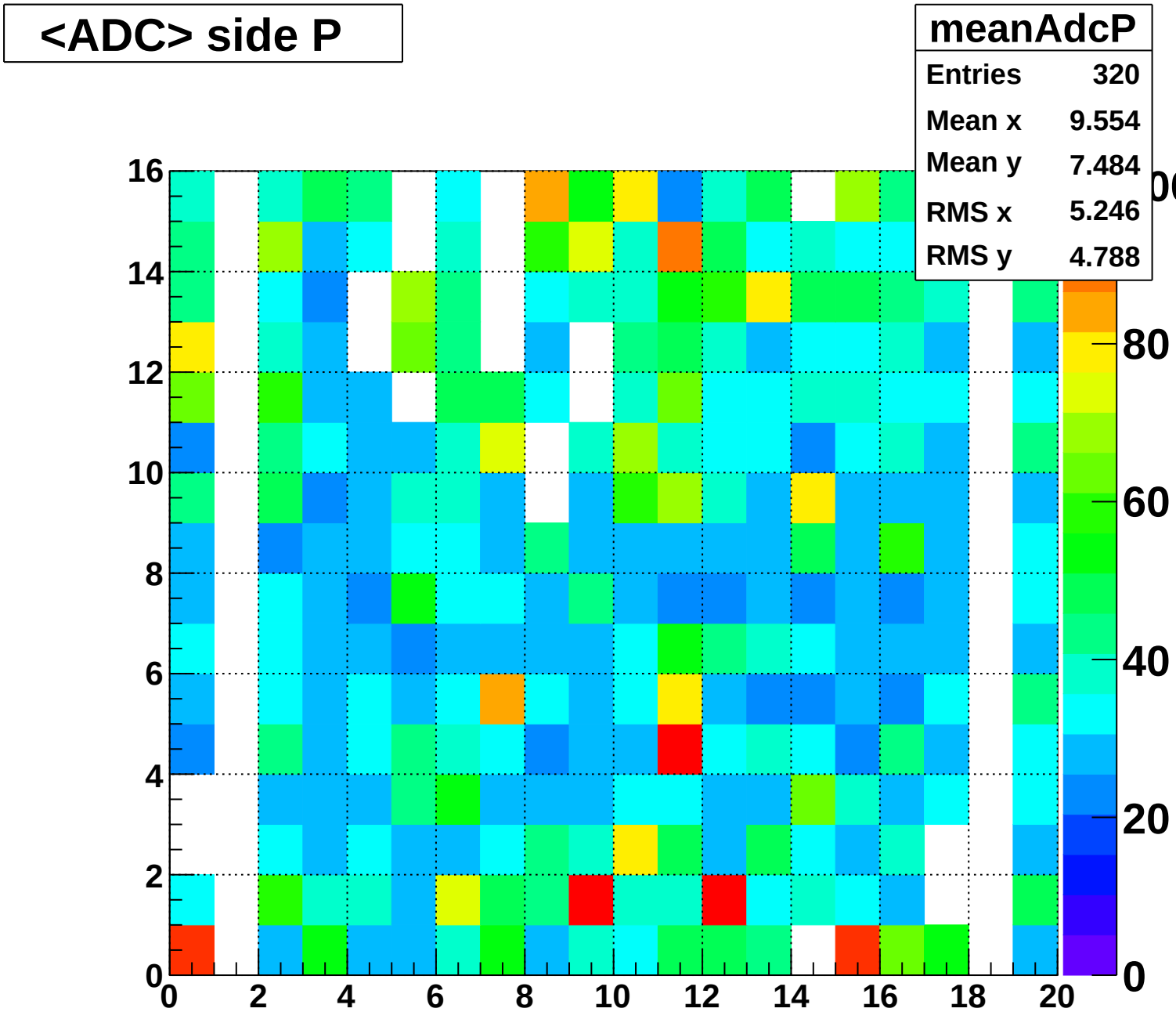

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 3617
Mean 1.076
RMS 0.3057
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 429
Mean 1.476
RMS 0.7618
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 135
Mean x 126.1
Mean y 121.6
RMS x 78.76
RMS y 66.31
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 3617
Mean 31.86
RMS 23.29
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 429
Mean 116.9
RMS 70.49
signal [adc counts]



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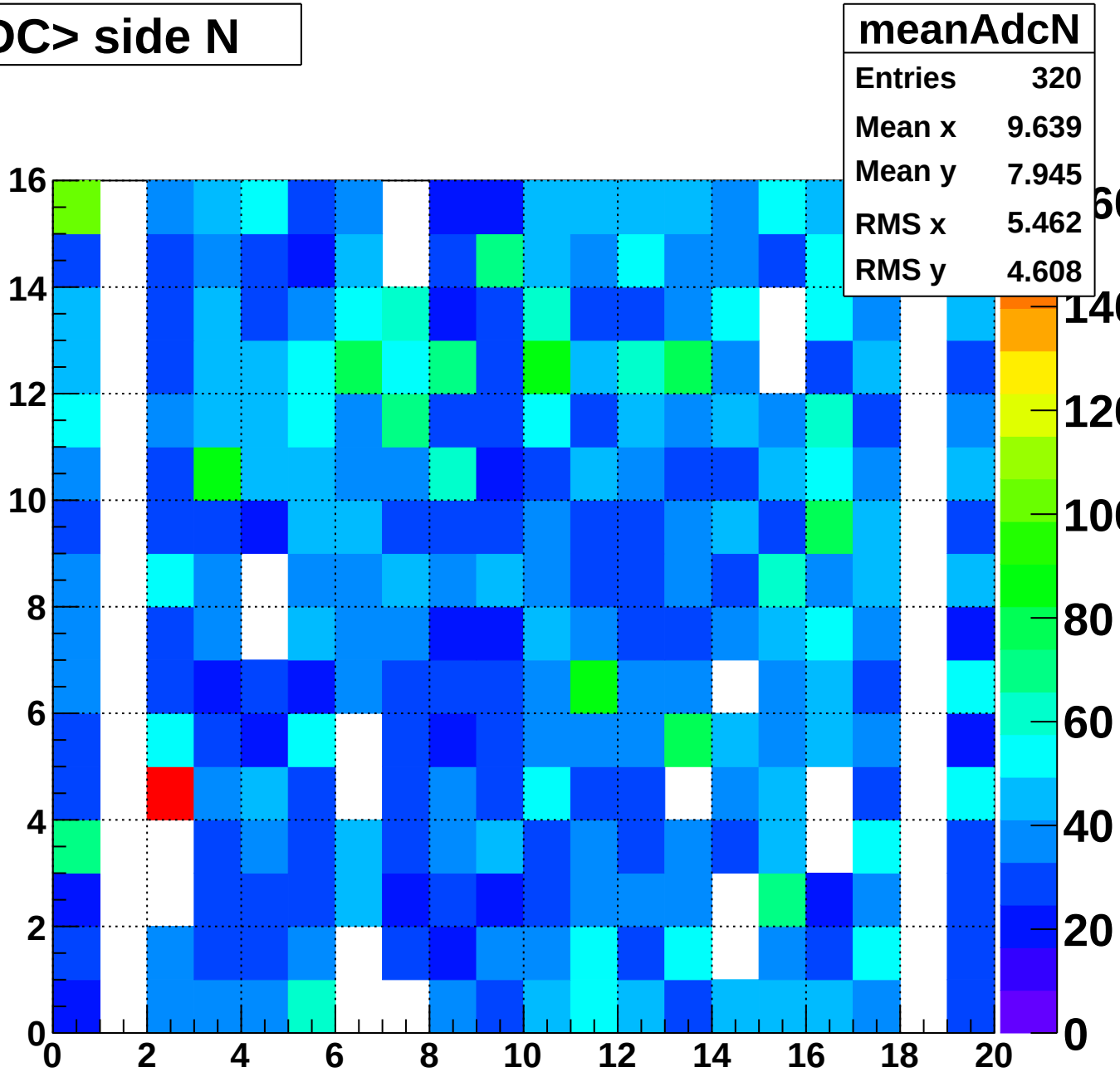
<ADC> side N



2016-05-22 03:55:37