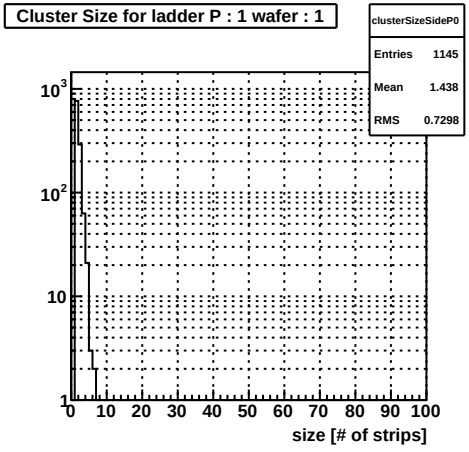
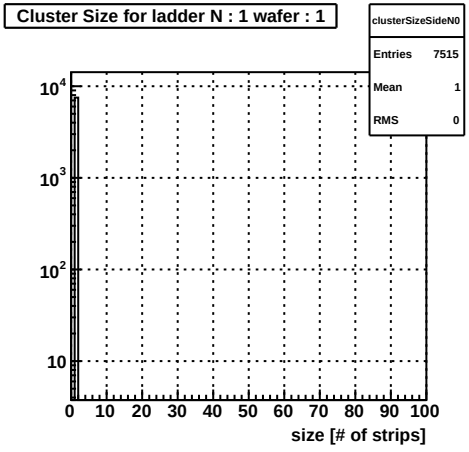
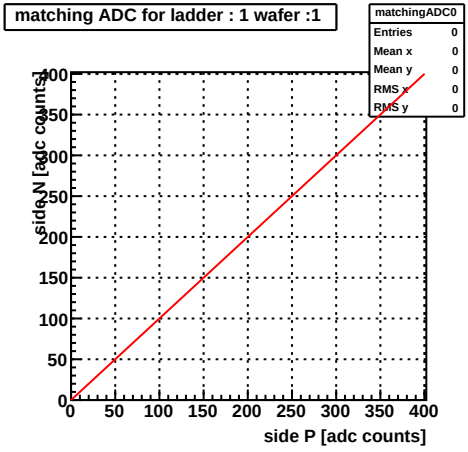
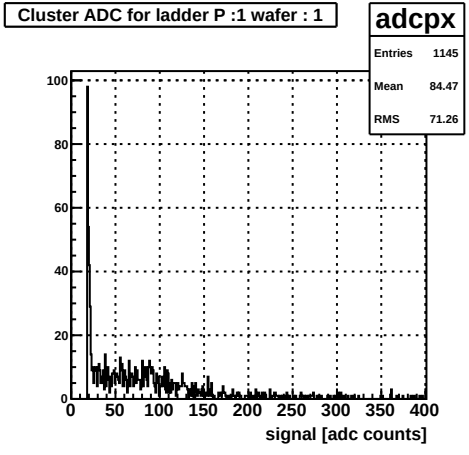
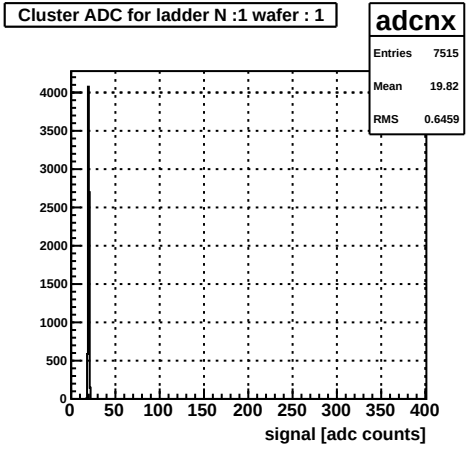
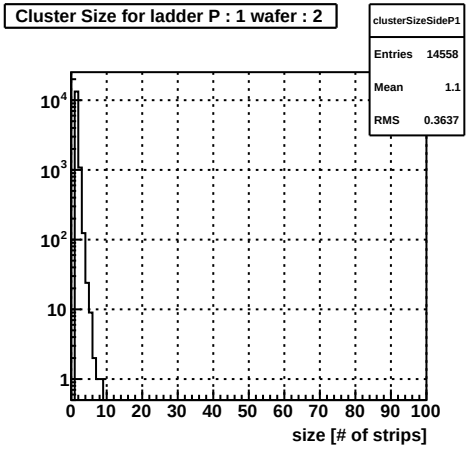

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 1145
Mean 1.438
RMS 0.7298
size [# of strips]

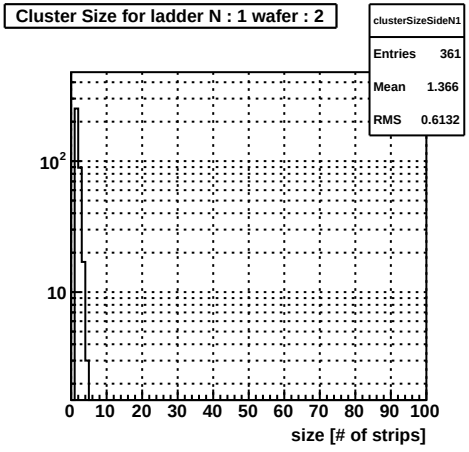

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 7515
Mean 1
RMS 0
size [# of strips]

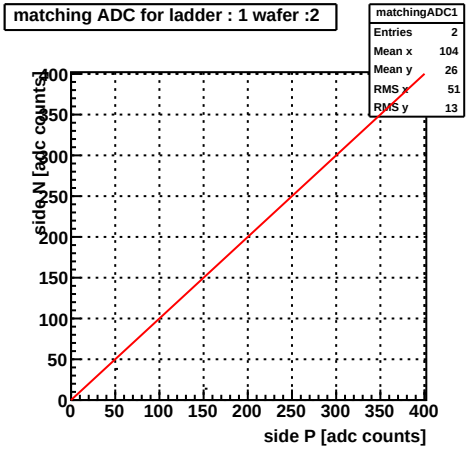

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

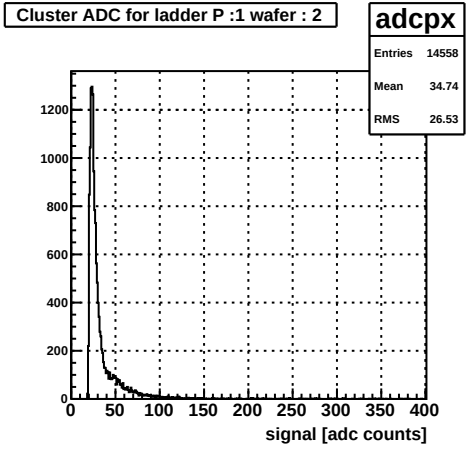

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 1145
Mean 84.47
RMS 71.26
signal [adc counts]

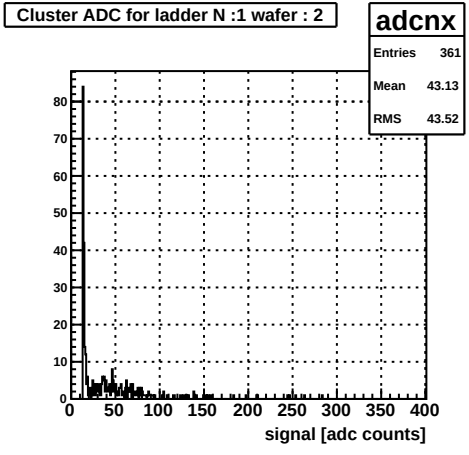

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 7515
Mean 19.82
RMS 0.6459
signal [adc counts]

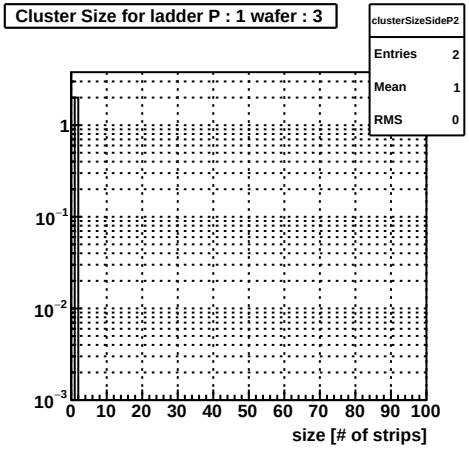

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 14558
Mean 1.1
RMS 0.3637
size [# of strips]

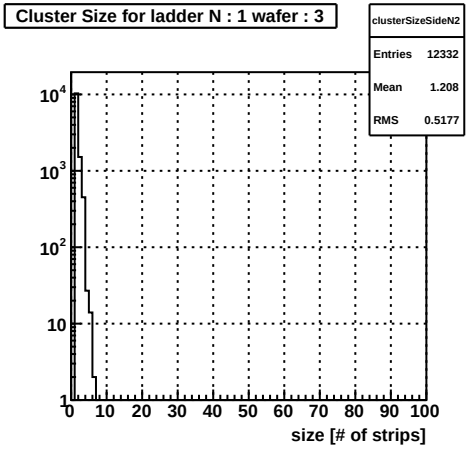

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 361
Mean 1.366
RMS 0.6132
size [# of strips]

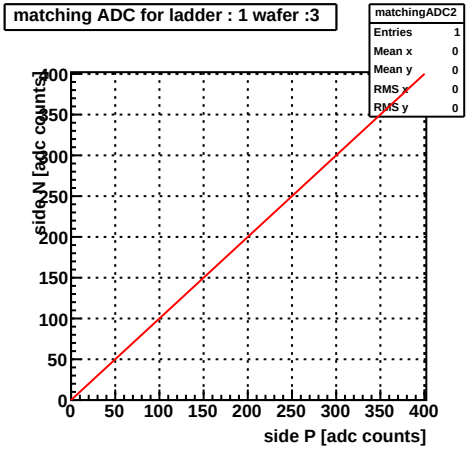

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 2
Mean x 104
Mean y 26
RMS x 51
RMS y 13
side N [adc counts]
side P [adc counts]

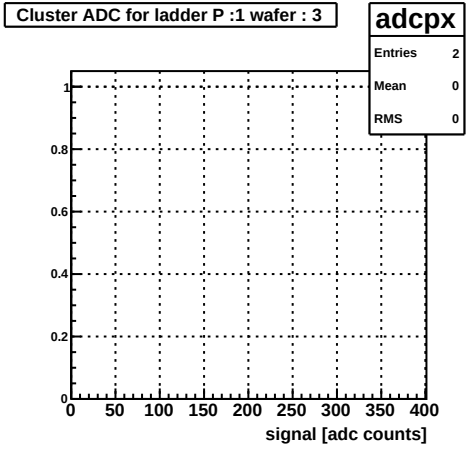

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 14558
Mean 34.74
RMS 26.53
signal [adc counts]

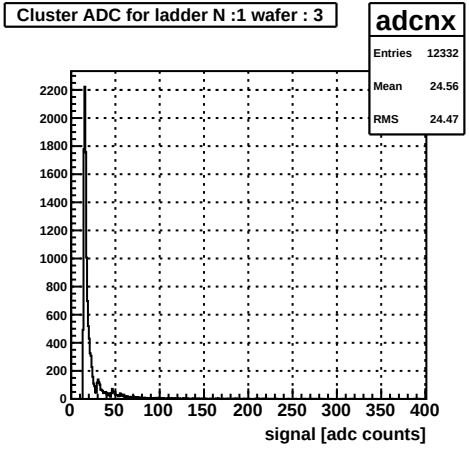

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 361
Mean 43.13
RMS 43.52
signal [adc counts]

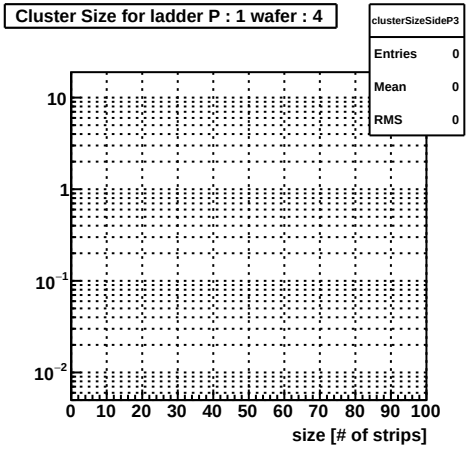

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 2
Mean 1
RMS 0
size [# of strips]

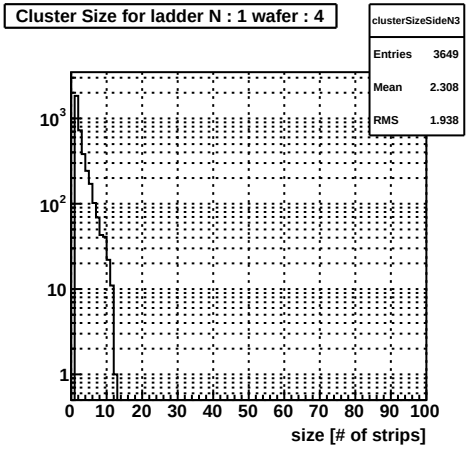

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 12332
Mean 1.208
RMS 0.5177
size [# of strips]

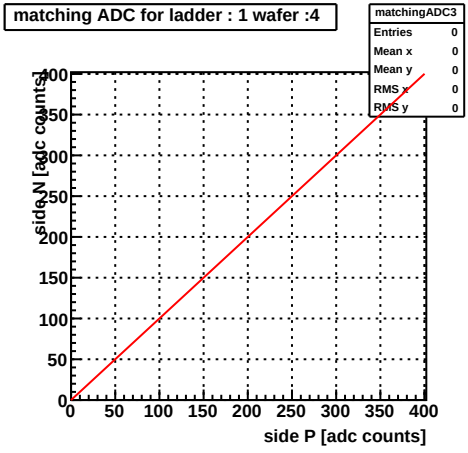

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

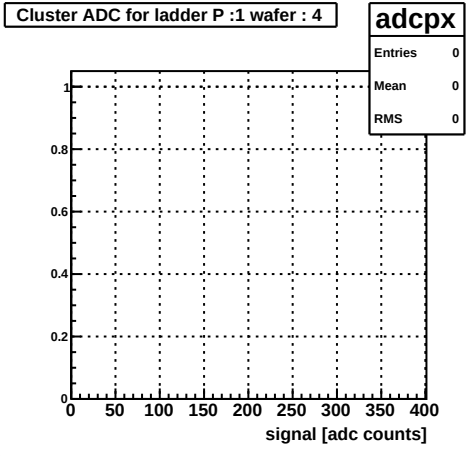

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

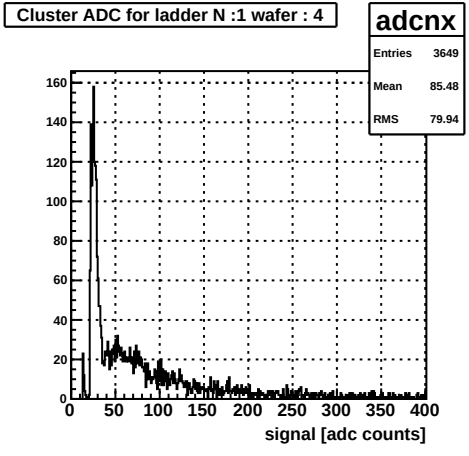

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 12332
Mean 24.56
RMS 24.47
signal [adc counts]

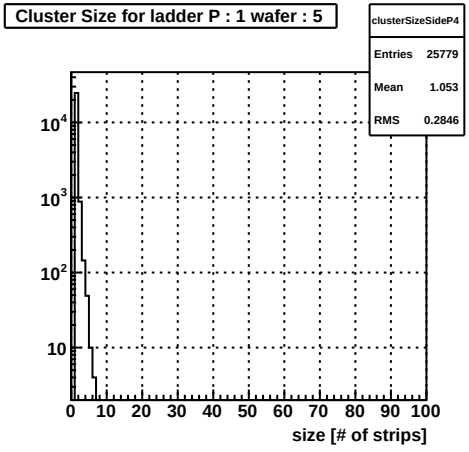

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

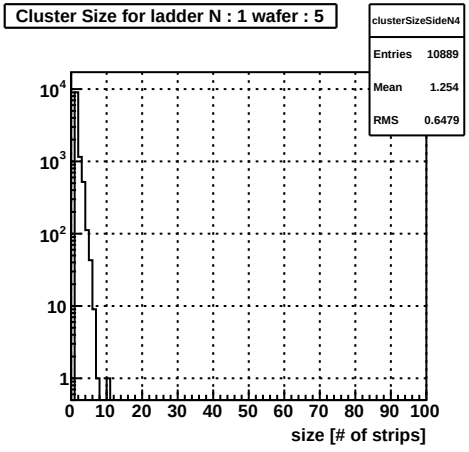

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 3649
Mean 2.308
RMS 1.938
size [# of strips]

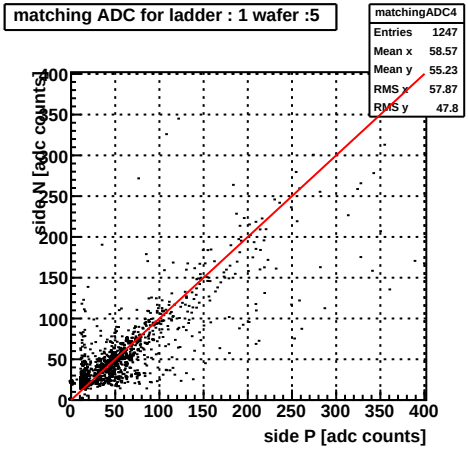

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

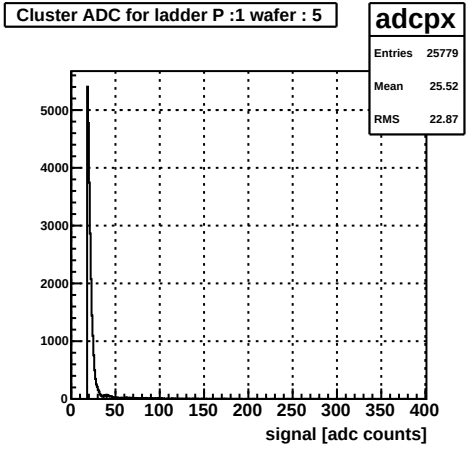

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

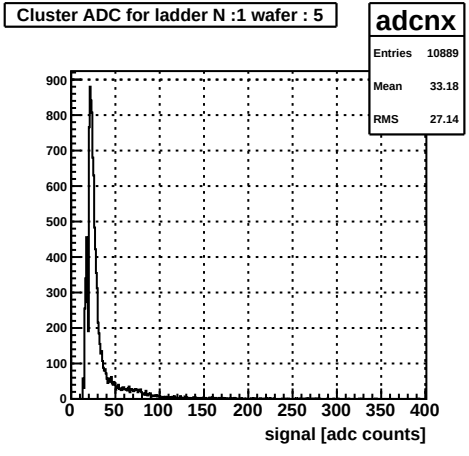

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 3649
Mean 85.48
RMS 79.94
signal [adc counts]

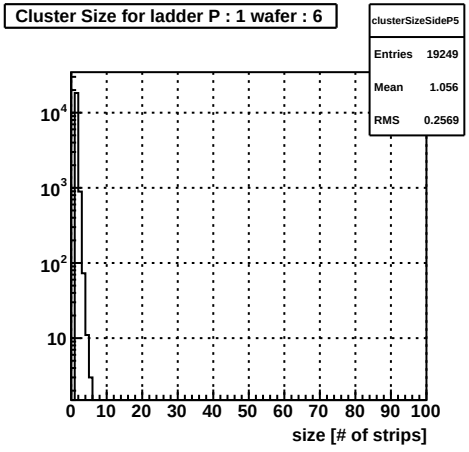

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 25779
Mean 1.053
RMS 0.2846
size [# of strips]

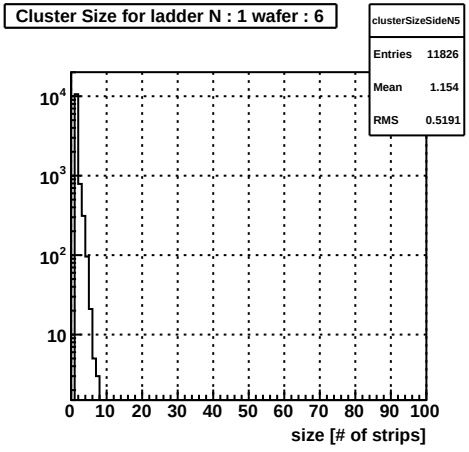

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 10889
Mean 1.254
RMS 0.6479
size [# of strips]

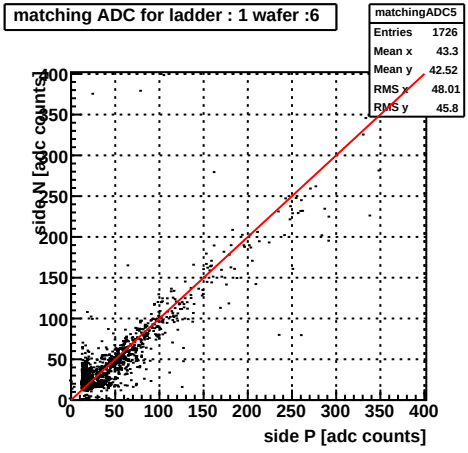

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 1247
Mean x 58.57
Mean y 55.23
RMS x 57.87
RMS y 47.8
side N [adc counts]
side P [adc counts]

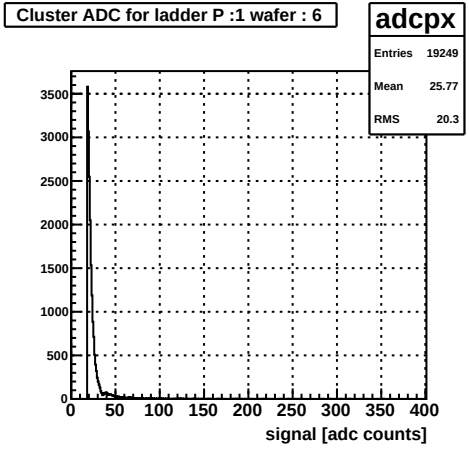

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 25779
Mean 25.52
RMS 22.87
signal [adc counts]

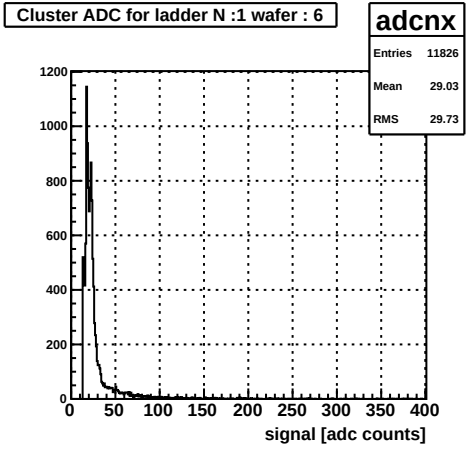

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 10889
Mean 33.18
RMS 27.14
signal [adc counts]

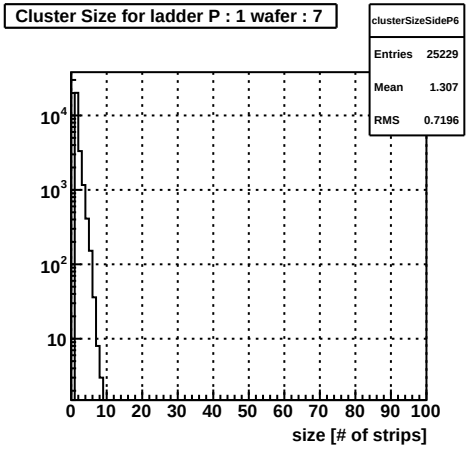

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 19249
Mean 1.056
RMS 0.2569
size [# of strips]

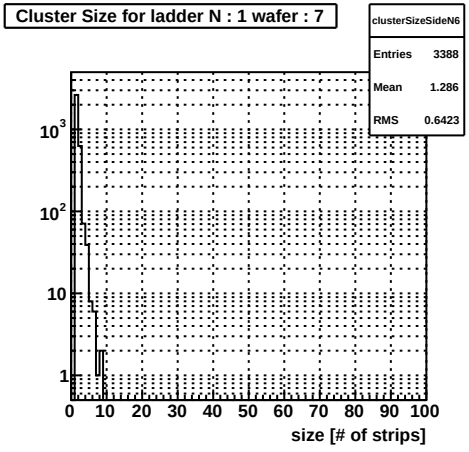

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 11826
Mean 1.154
RMS 0.5191
size [# of strips]

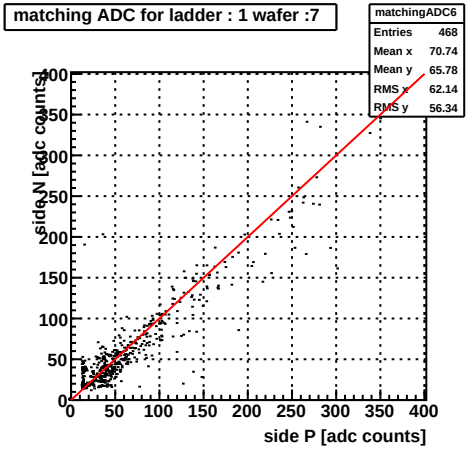

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 1726
Mean x 43.3
Mean y 42.52
RMS x 48.01
RMS y 45.8
side N [adc counts]
side P [adc counts]

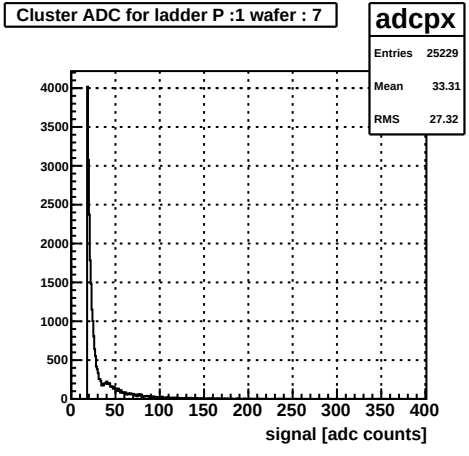

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 19249
Mean 25.77
RMS 20.3
signal [adc counts]

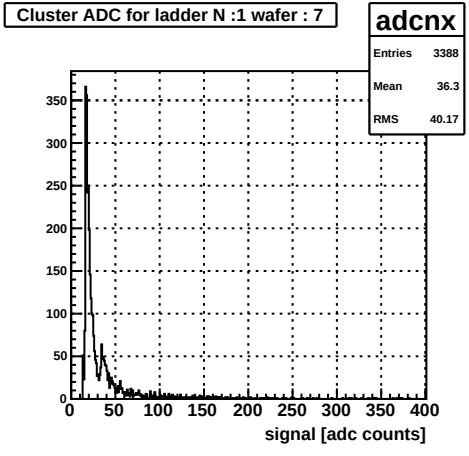

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 11826
Mean 29.03
RMS 29.73
signal [adc counts]

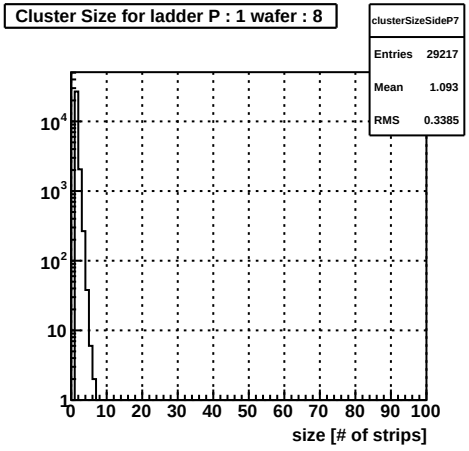

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 25229
Mean 1.307
RMS 0.7196
size [# of strips]

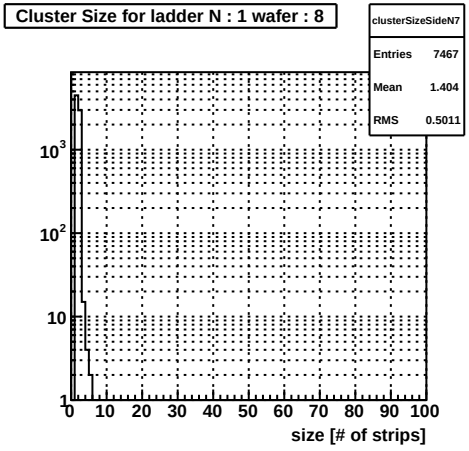

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 3388
Mean 1.286
RMS 0.6423
size [# of strips]

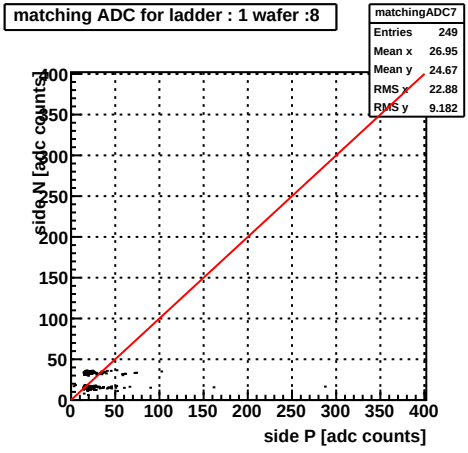

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 468
Mean x 70.74
Mean y 65.78
RMS x 62.14
RMS y 56.34
side N [adc counts]
side P [adc counts]

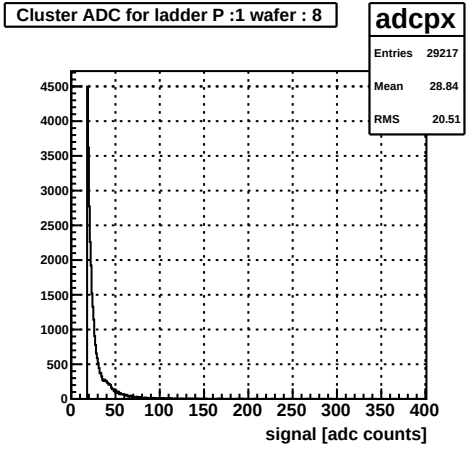

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 25229
Mean 33.31
RMS 27.32
signal [adc counts]

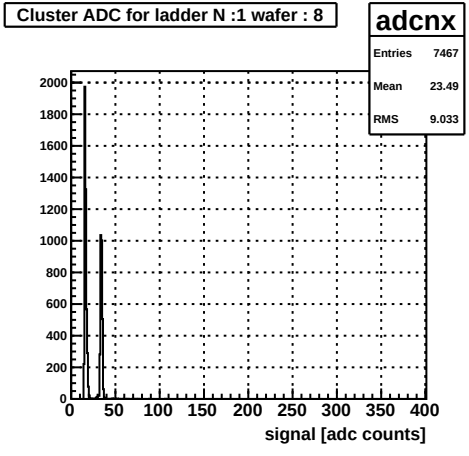

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 3388
Mean 36.3
RMS 40.17
signal [adc counts]

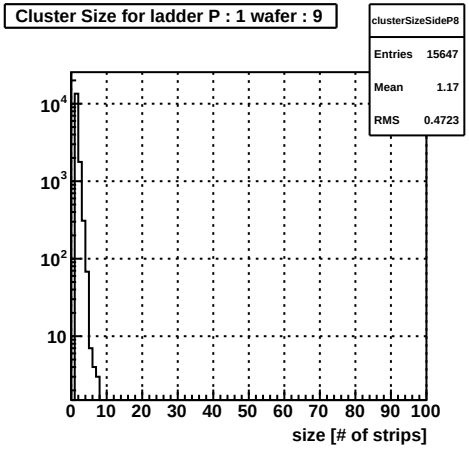

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 29217
Mean 1.093
RMS 0.3385
size [# of strips]

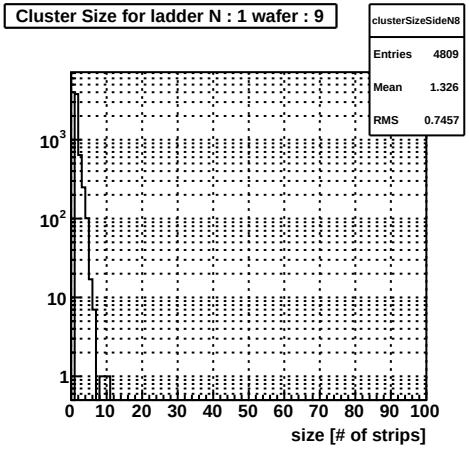

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 7467
Mean 1.404
RMS 0.5011
size [# of strips]

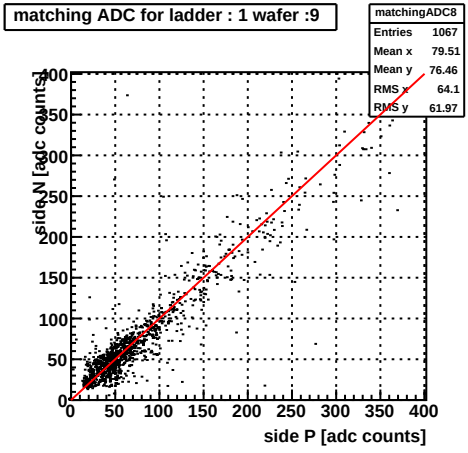

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 249
Mean x 26.95
Mean y 24.67
RMS x 22.88
RMS y 9.182
side N [adc counts]
side P [adc counts]

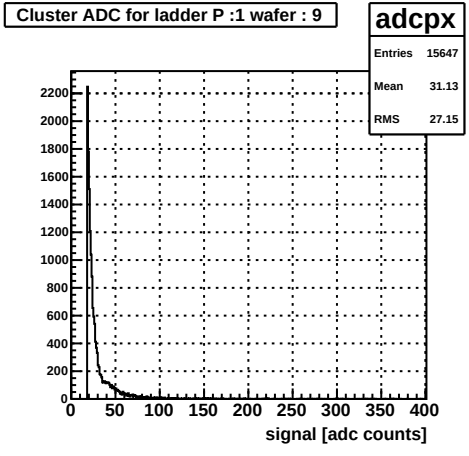

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 29217
Mean 28.84
RMS 20.51
signal [adc counts]

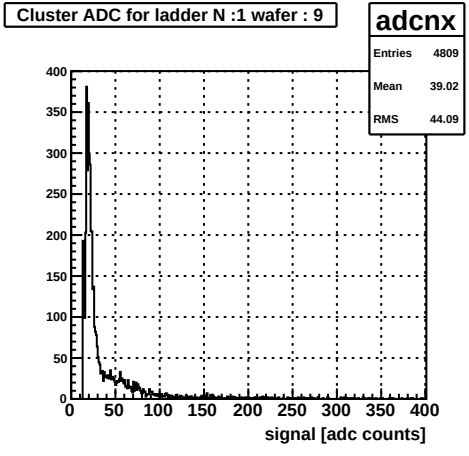

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 7467
Mean 23.49
RMS 9.033
signal [adc counts]

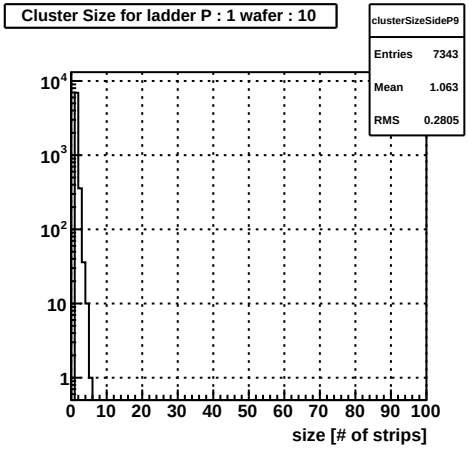

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 15647
Mean 1.17
RMS 0.4723
size [# of strips]

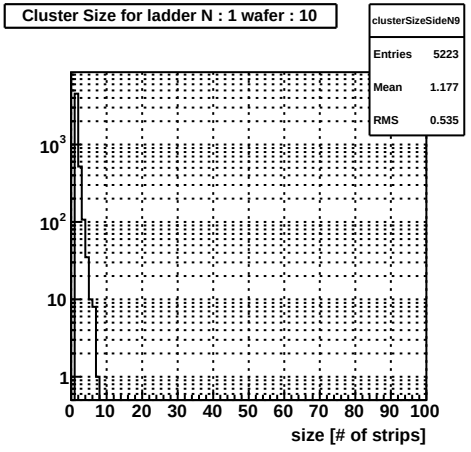

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 4809
Mean 1.326
RMS 0.7457
size [# of strips]

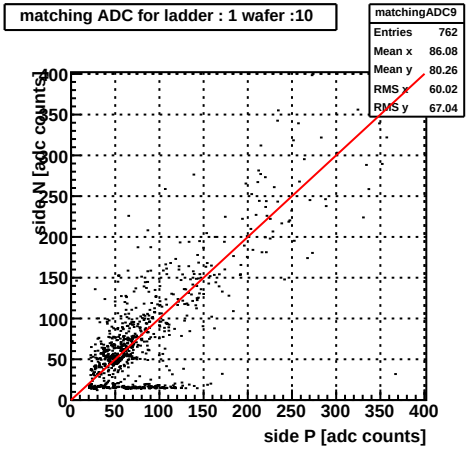

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 1067
Mean x 79.51
Mean y 76.46
RMS x 64.1
RMS y 61.97
side N [adc counts]
side P [adc counts]

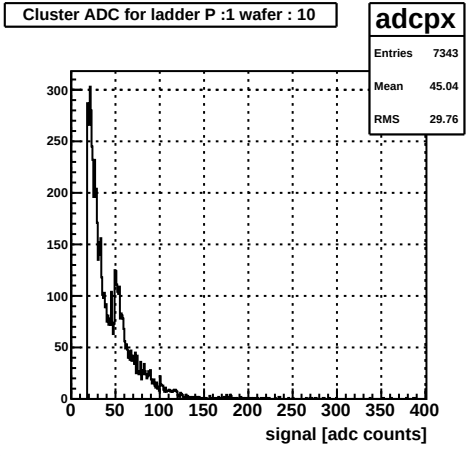

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 15647
Mean 31.13
RMS 27.15
signal [adc counts]

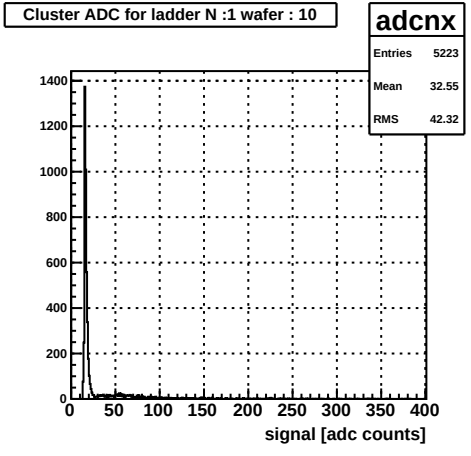

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 4809
Mean 39.02
RMS 44.09
signal [adc counts]

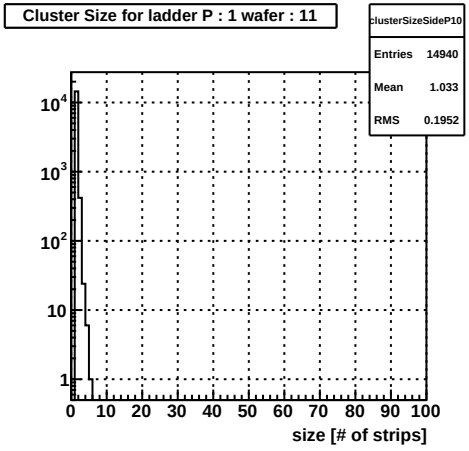

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 7343
Mean 1.063
RMS 0.2805
size [# of strips]

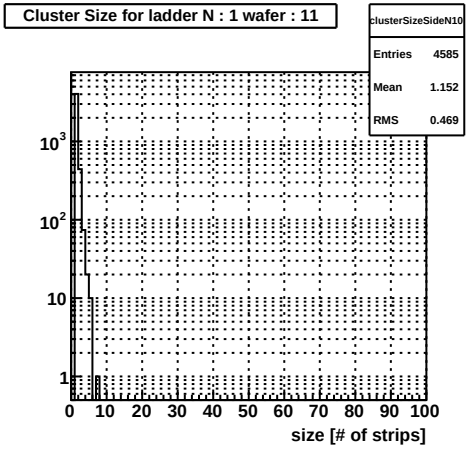

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 5223
Mean 1.177
RMS 0.535
size [# of strips]

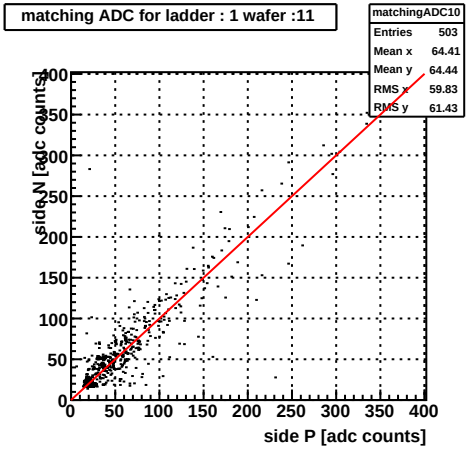

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 762
Mean x 86.08
Mean y 80.26
RMS x 60.02
RMS y 67.04
side N [adc counts]
side P [adc counts]

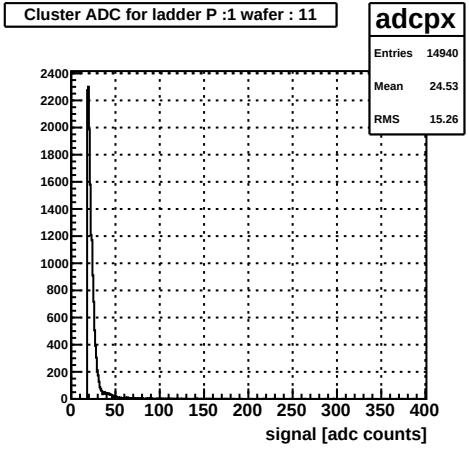

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 7343
Mean 45.04
RMS 29.76
signal [adc counts]

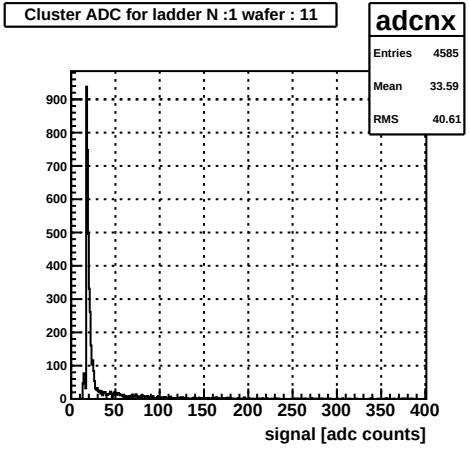

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 5223
Mean 32.55
RMS 42.32
signal [adc counts]

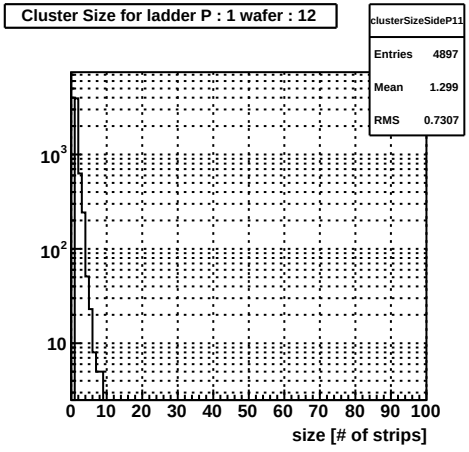

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 14940
Mean 1.033
RMS 0.1952
size [# of strips]

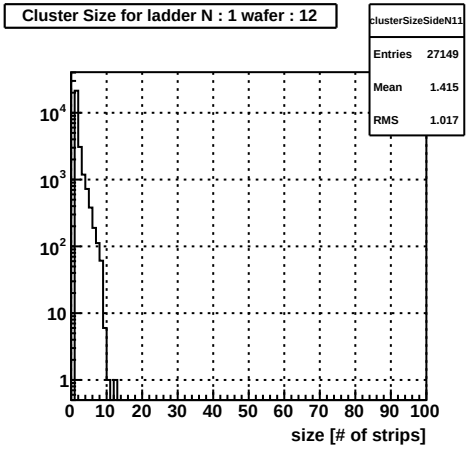

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 4585
Mean 1.152
RMS 0.469
size [# of strips]

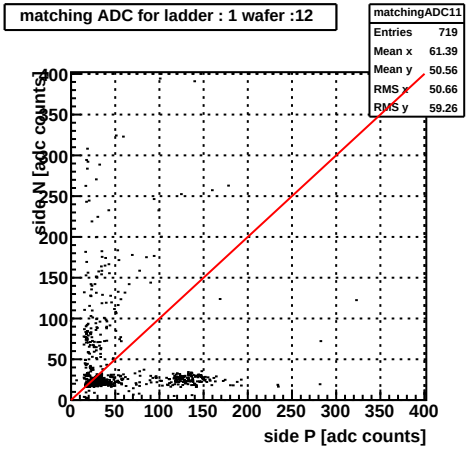

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 503
Mean x 64.41
Mean y 64.44
RMS x 59.83
RMS y 61.43
side N [adc counts]
side P [adc counts]

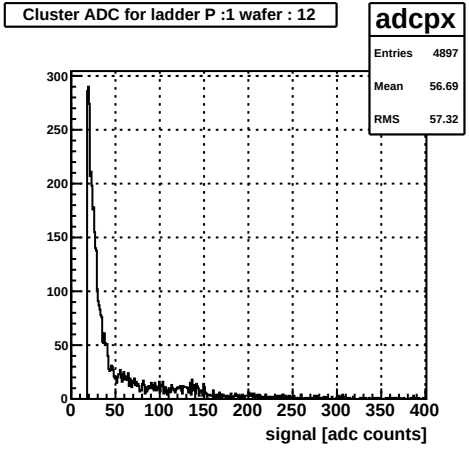

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 14940
Mean 24.53
RMS 15.26
signal [adc counts]

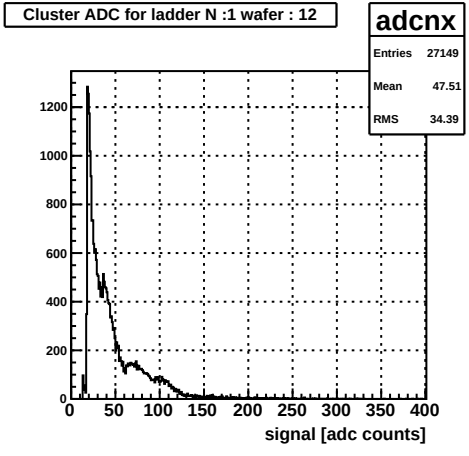

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 4585
Mean 33.59
RMS 40.61
signal [adc counts]

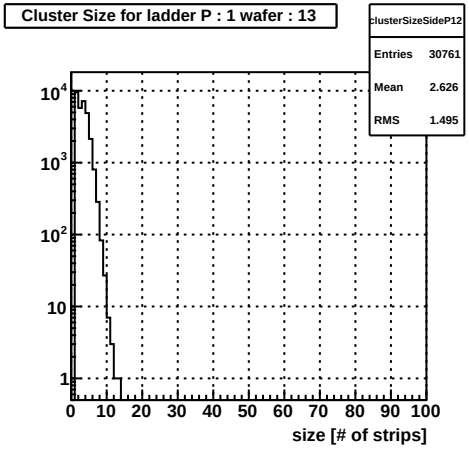

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 4897
Mean 1.299
RMS 0.7307
size [# of strips]

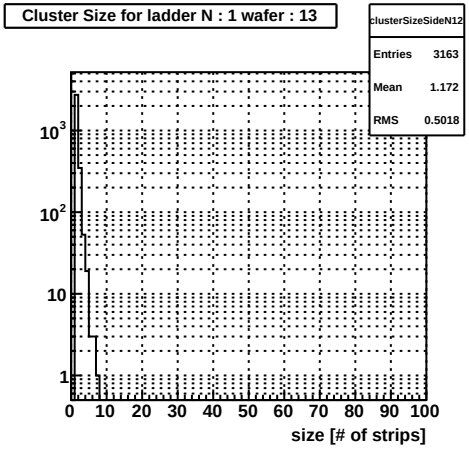

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 27149
Mean 1.415
RMS 1.017
size [# of strips]

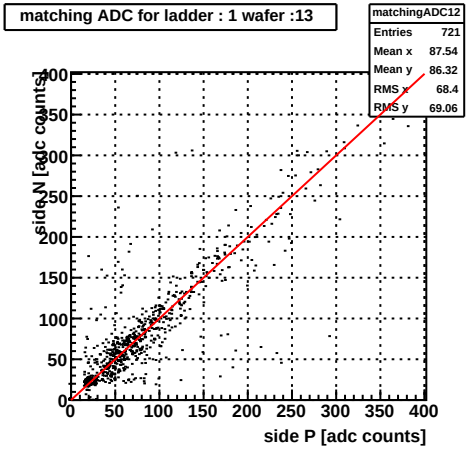

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 719
Mean x 61.39
Mean y 50.56
RMS x 50.66
RMS y 59.26
side N [adc counts]
side P [adc counts]

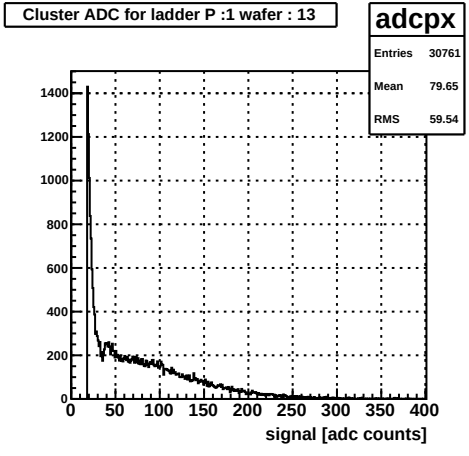

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 4897
Mean 56.69
RMS 57.32
signal [adc counts]

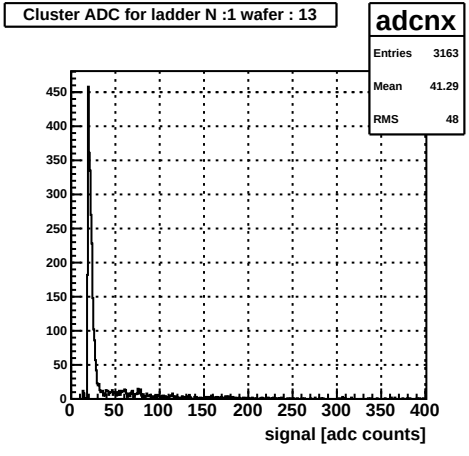

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 27149
Mean 47.51
RMS 34.39
signal [adc counts]

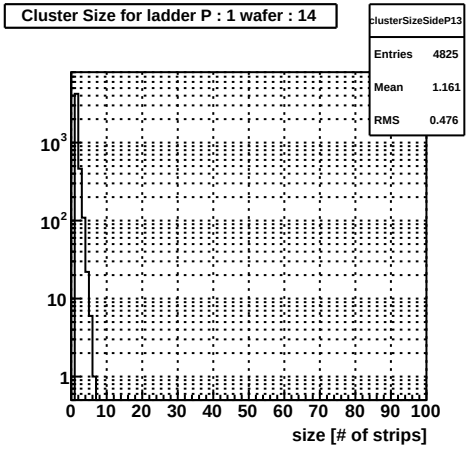

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 30761
Mean 2.626
RMS 1.495
size [# of strips]

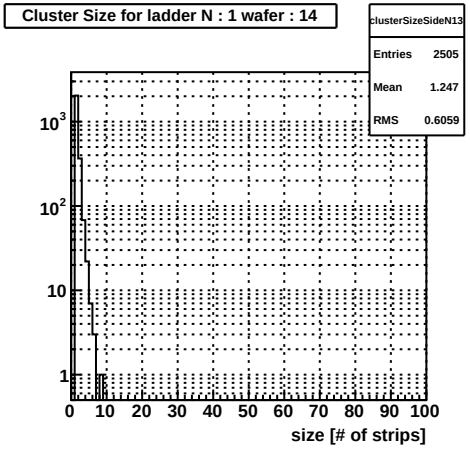

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 3163
Mean 1.172
RMS 0.5018
size [# of strips]

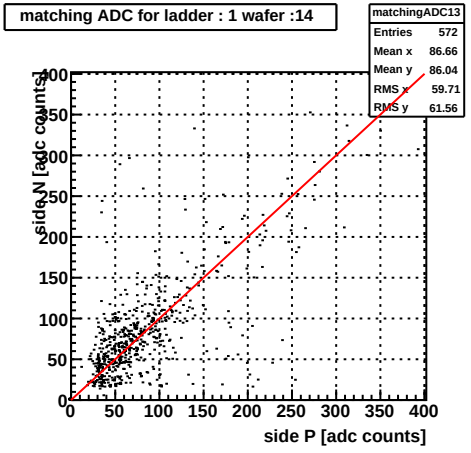

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 721
Mean x 87.54
Mean y 86.32
RMS x 68.4
RMS y 69.06
side N [adc counts]
side P [adc counts]

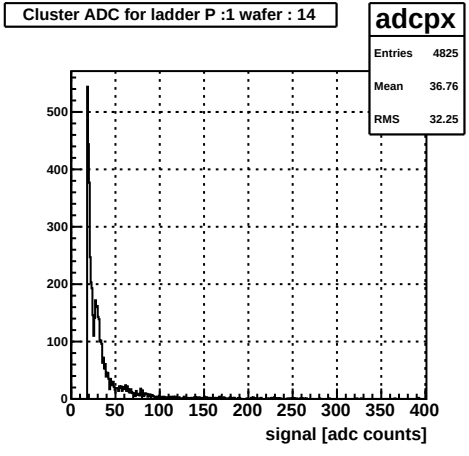

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 30761
Mean 79.65
RMS 59.54
signal [adc counts]

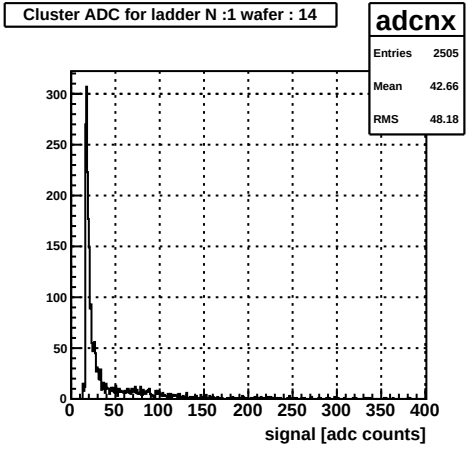

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 3163
Mean 41.29
RMS 48
signal [adc counts]

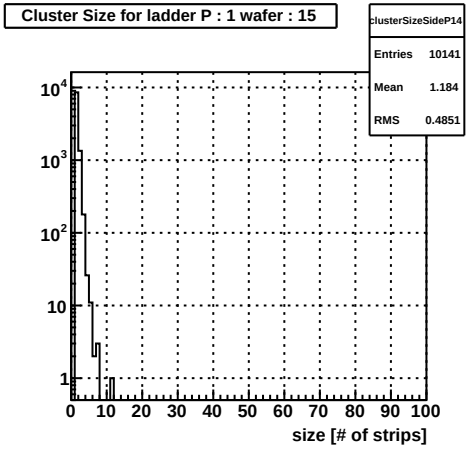

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 4825
Mean 1.161
RMS 0.476
size [# of strips]

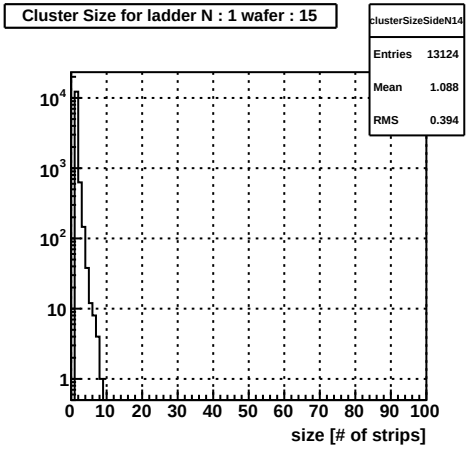

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 2505
Mean 1.247
RMS 0.6059
size [# of strips]

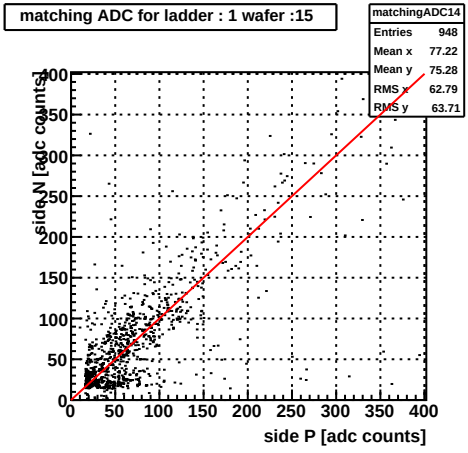

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 572
Mean x 86.66
Mean y 86.04
RMS x 59.71
RMS y 61.56
side N [adc counts]
side P [adc counts]

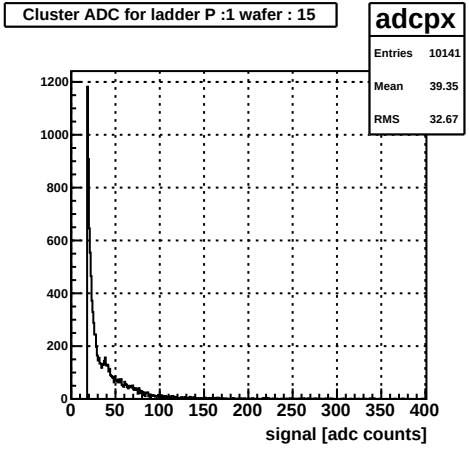

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 4825
Mean 36.76
RMS 32.25
signal [adc counts]

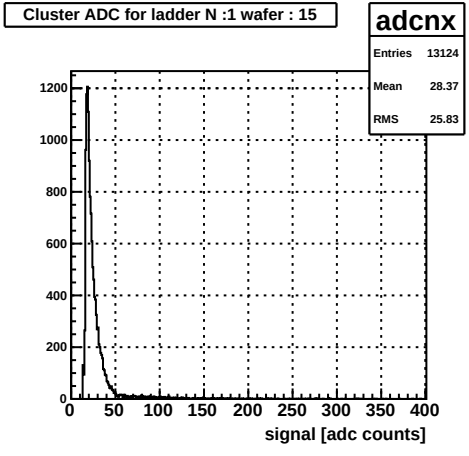

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 2505
Mean 42.66
RMS 48.18
signal [adc counts]

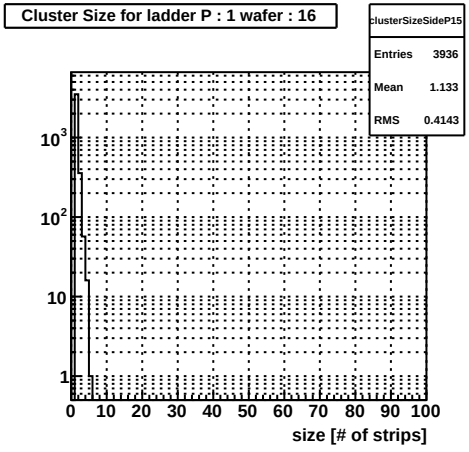

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 10141
Mean 1.184
RMS 0.4851
size [# of strips]

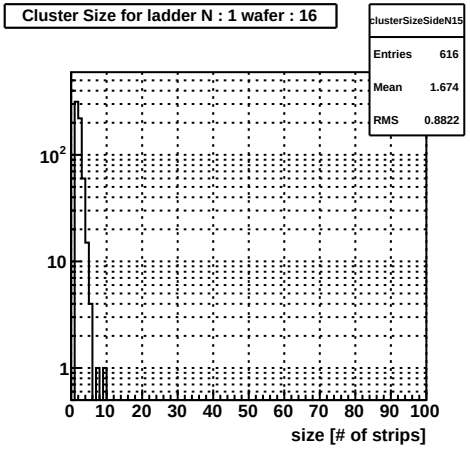

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 13124
Mean 1.088
RMS 0.394
size [# of strips]

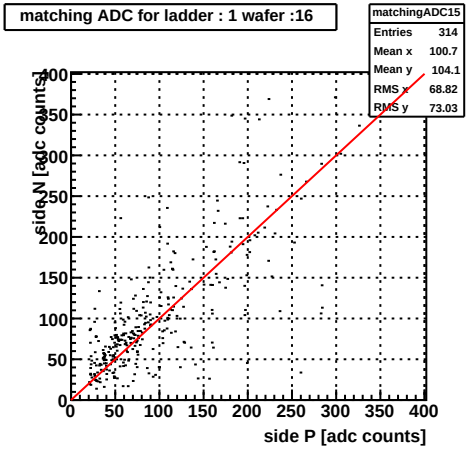

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 948
Mean x 77.22
Mean y 75.28
RMS x 62.79
RMS y 63.71
side N [adc counts]
side P [adc counts]

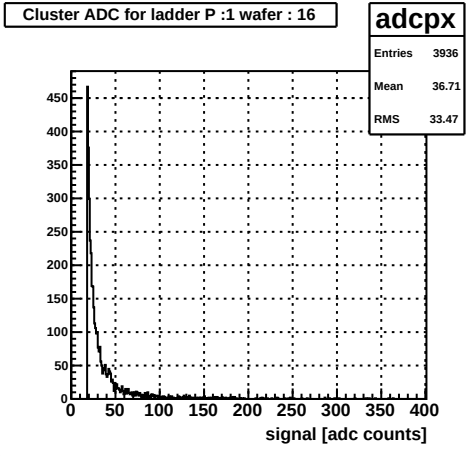

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 10141
Mean 39.35
RMS 32.67
signal [adc counts]

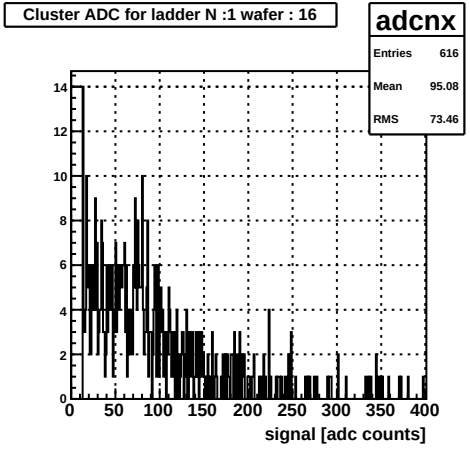

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 13124
Mean 28.37
RMS 25.83
signal [adc counts]

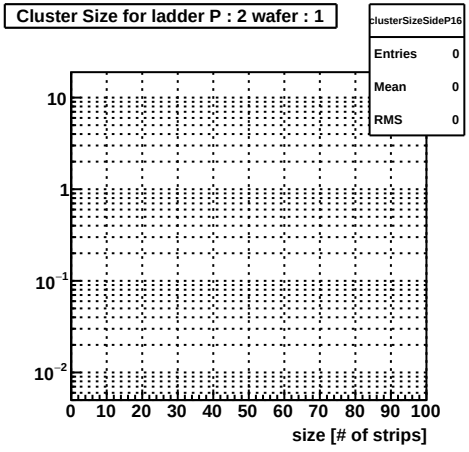

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 3936
Mean 1.133
RMS 0.4143
size [# of strips]

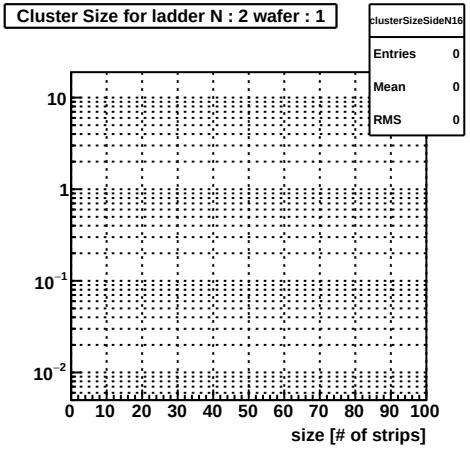

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 616
Mean 1.674
RMS 0.8822
size [# of strips]

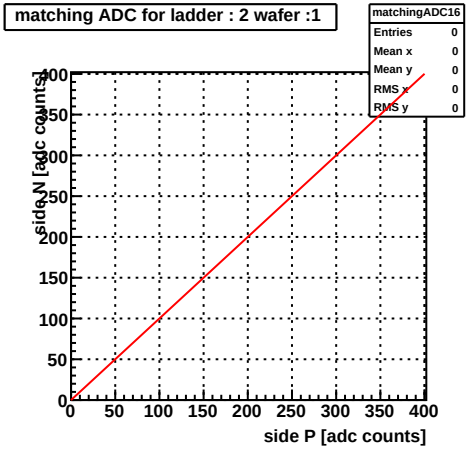

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 314
Mean x 100.7
Mean y 104.1
RMS x 68.82
RMS y 73.03
side N [adc counts]
side P [adc counts]

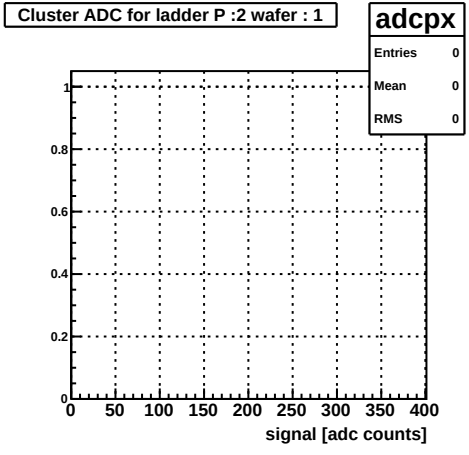

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 3936
Mean 36.71
RMS 33.47
signal [adc counts]

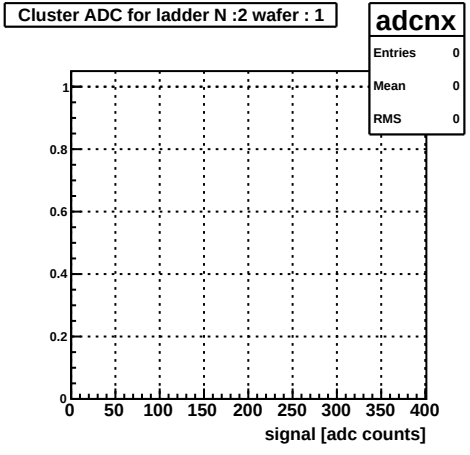

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 616
Mean 95.08
RMS 73.46
signal [adc counts]

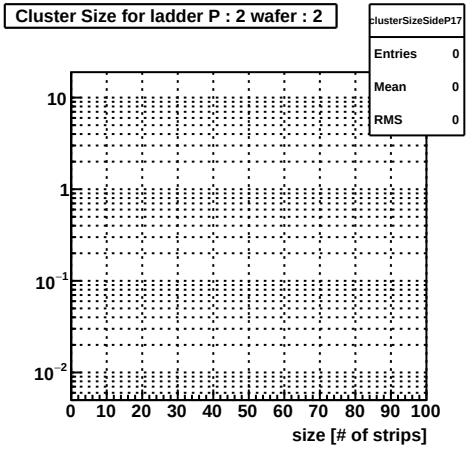

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

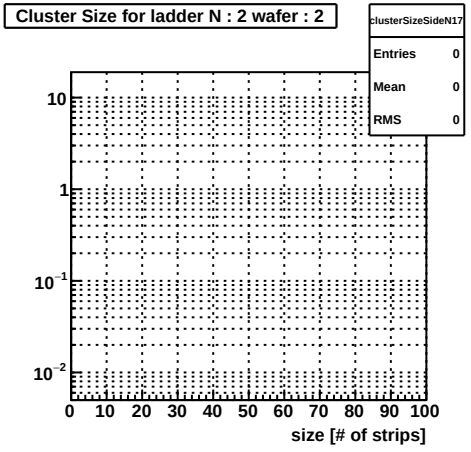

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

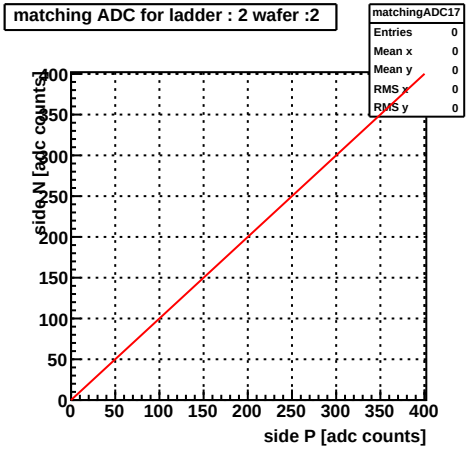

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

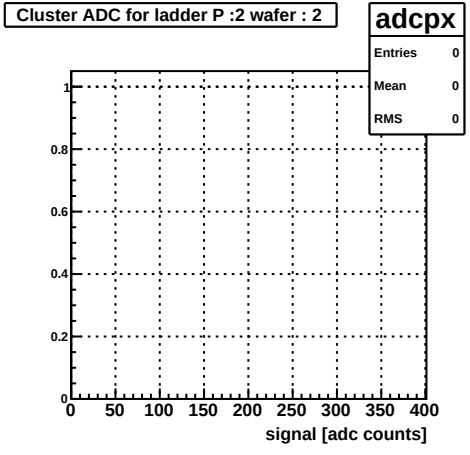

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

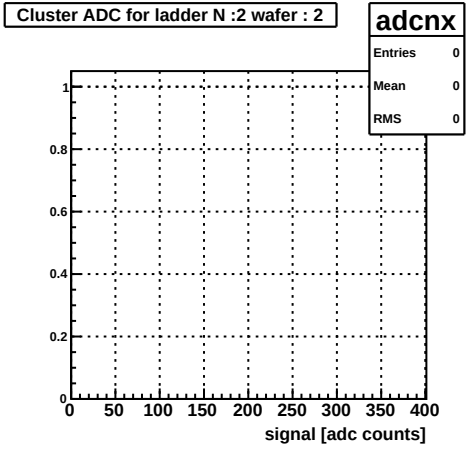

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

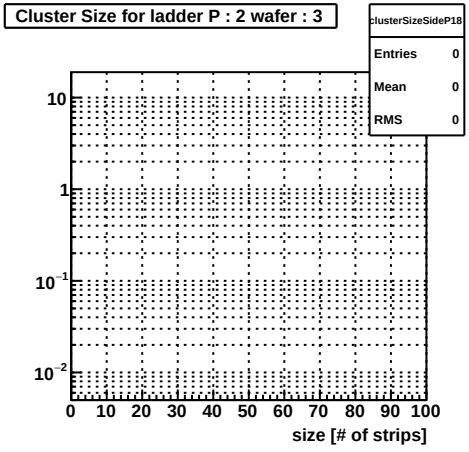

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

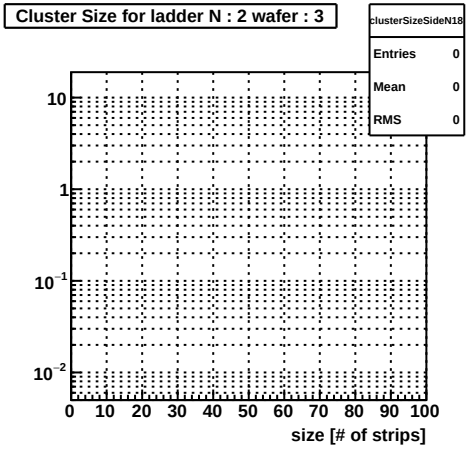

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

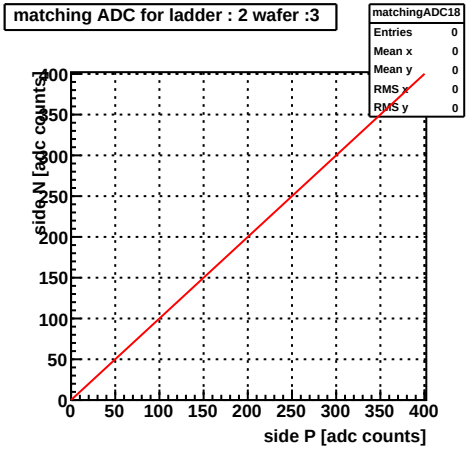

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

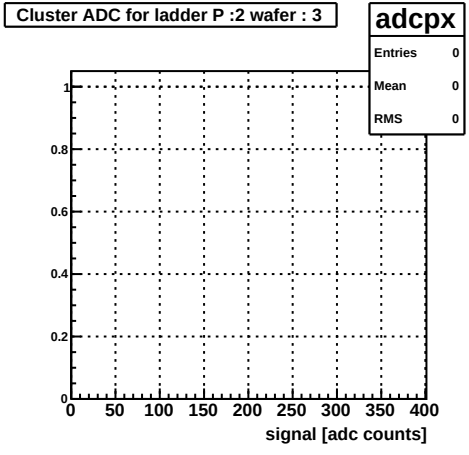

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

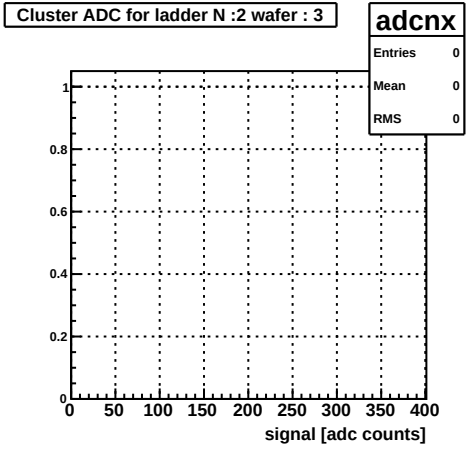

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

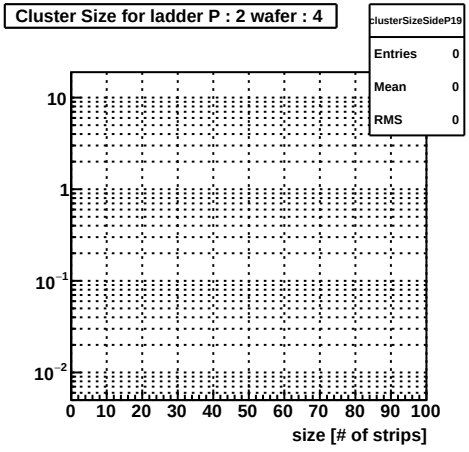

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

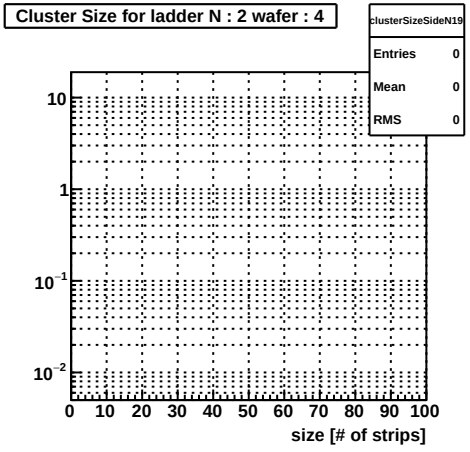

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

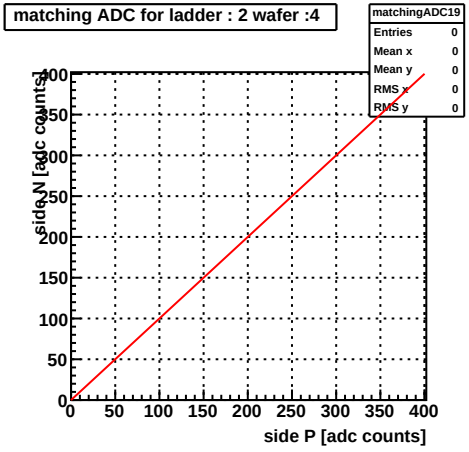

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

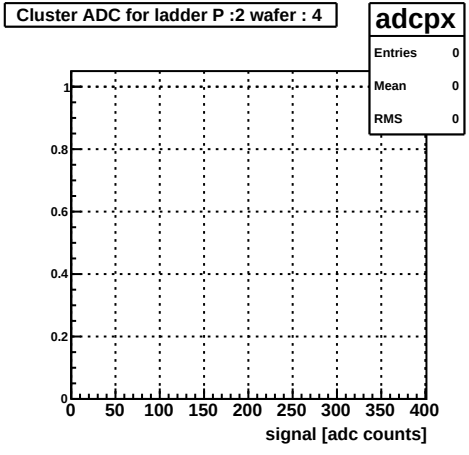

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

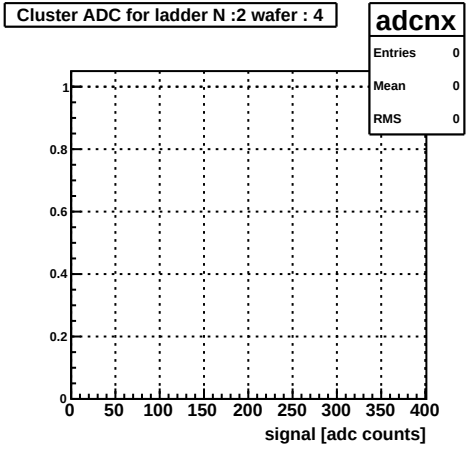

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

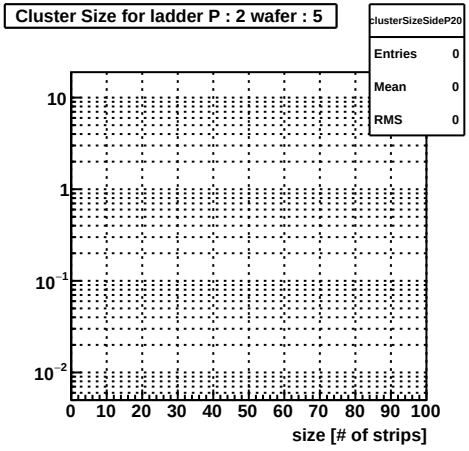

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

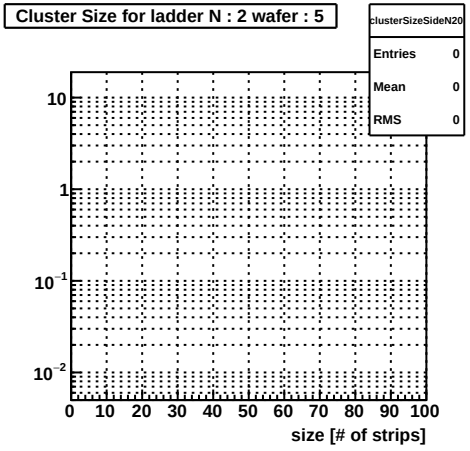

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

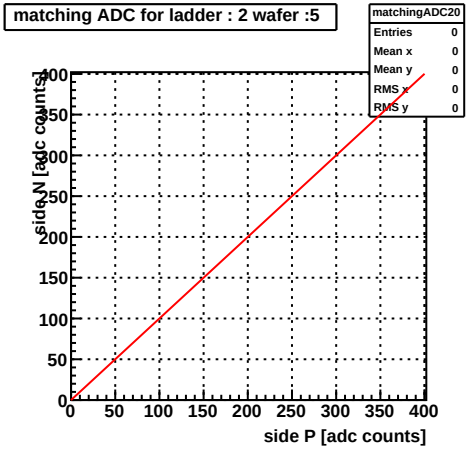

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

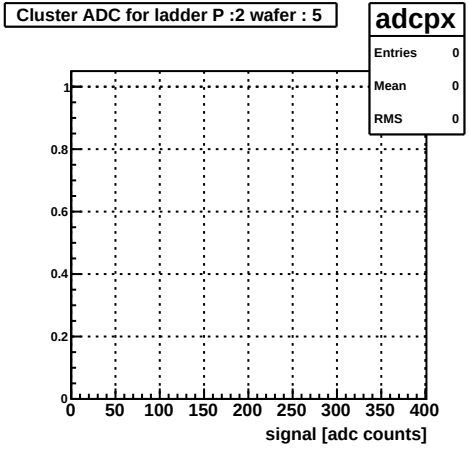

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

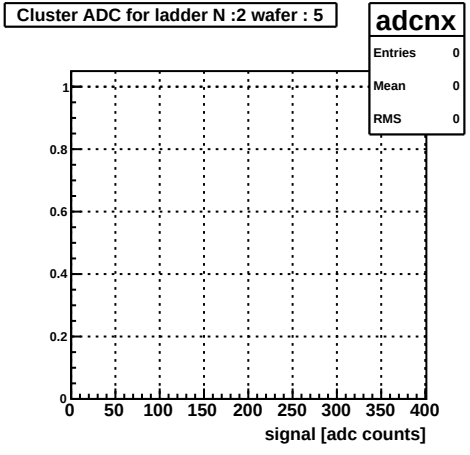

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

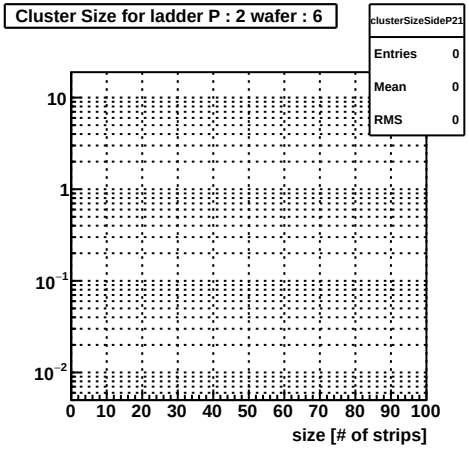

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

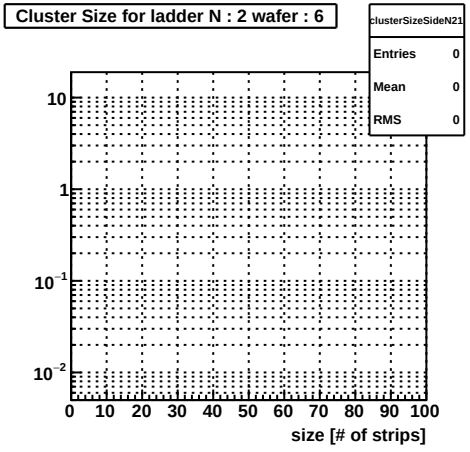

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

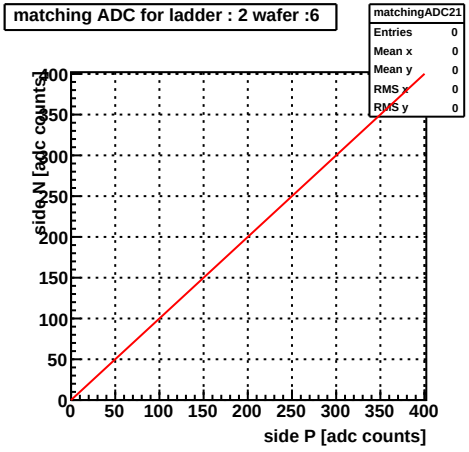

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

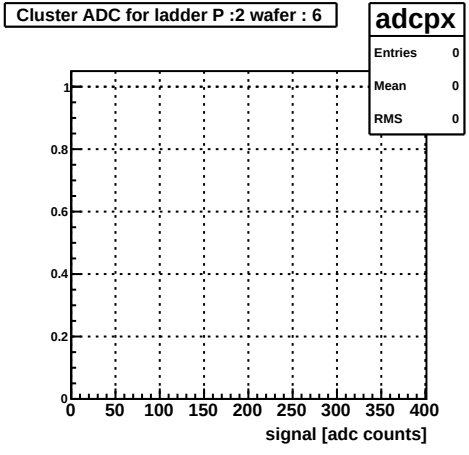

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

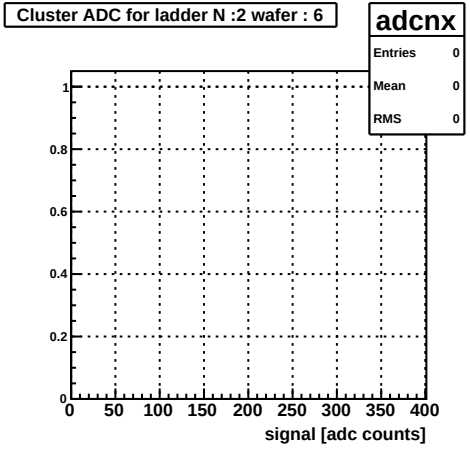

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

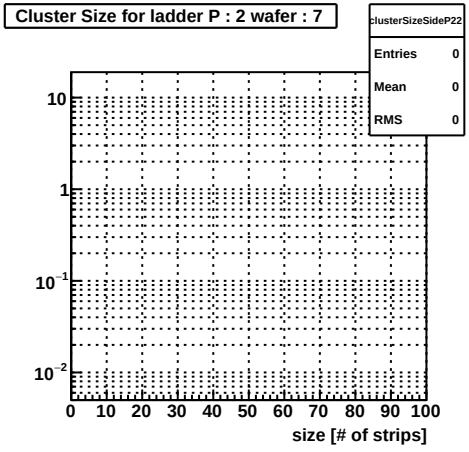

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

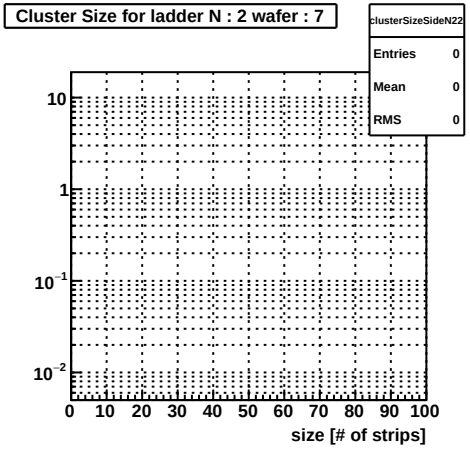

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

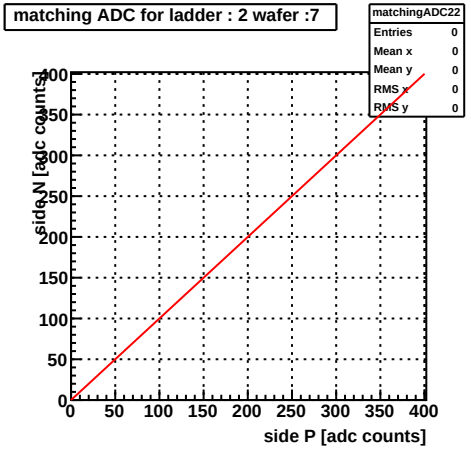

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

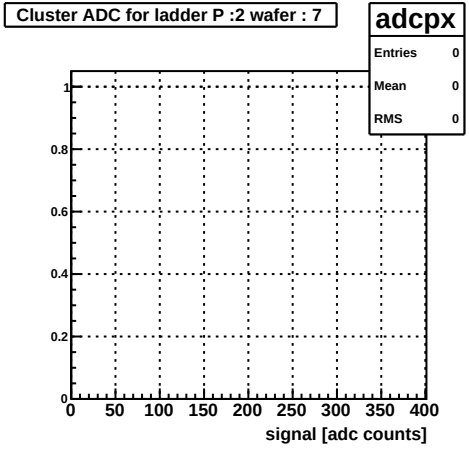

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

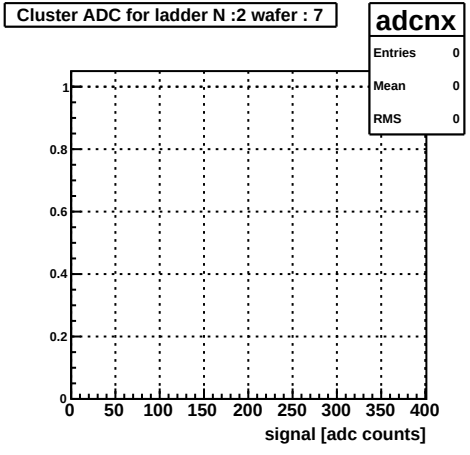

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

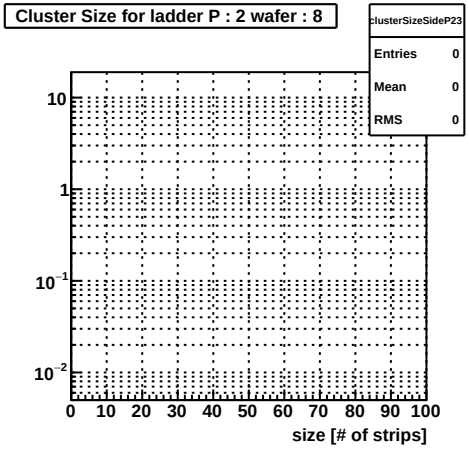

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

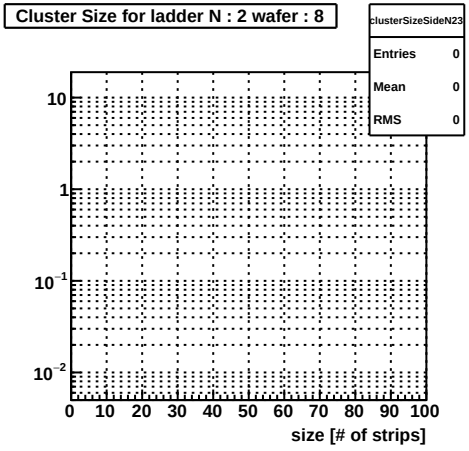

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

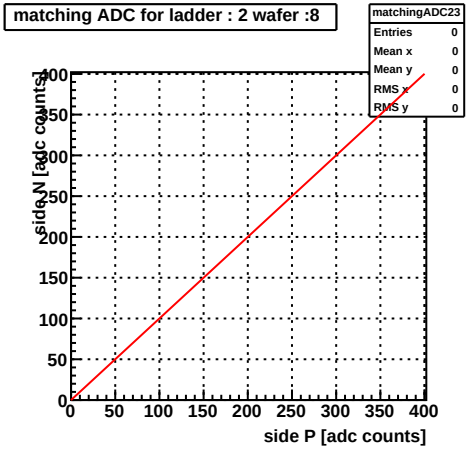

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

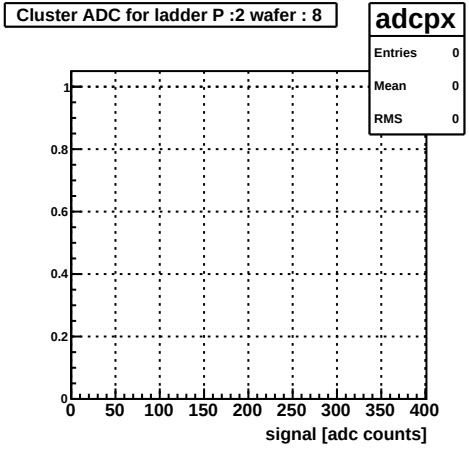

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

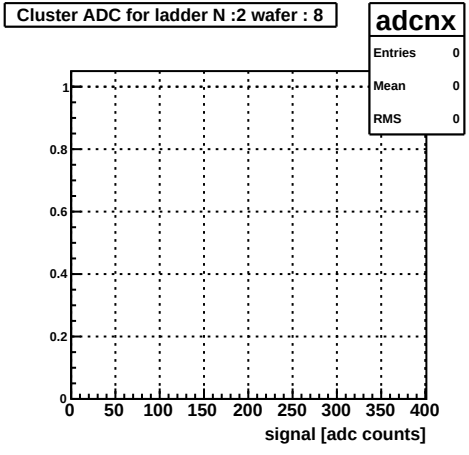

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

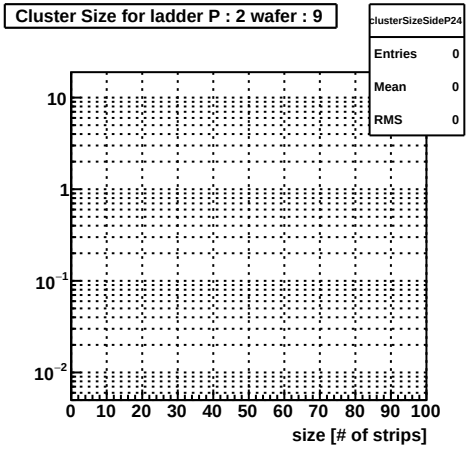

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

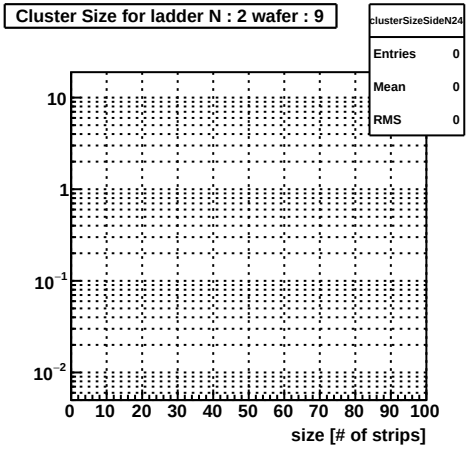

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

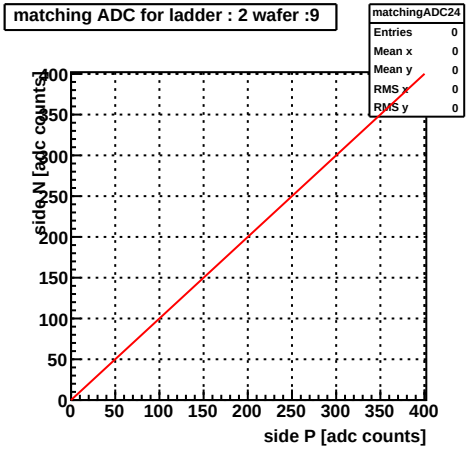

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

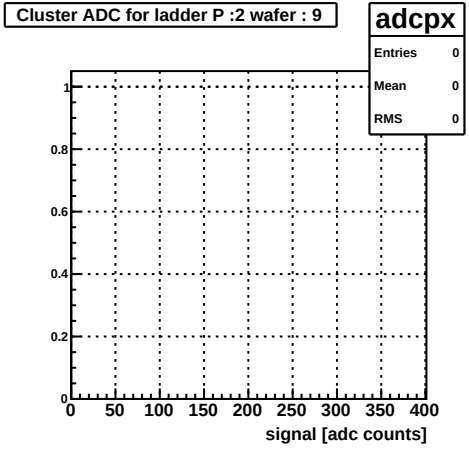

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

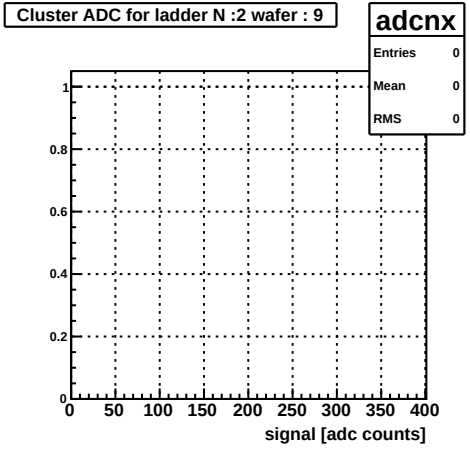

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

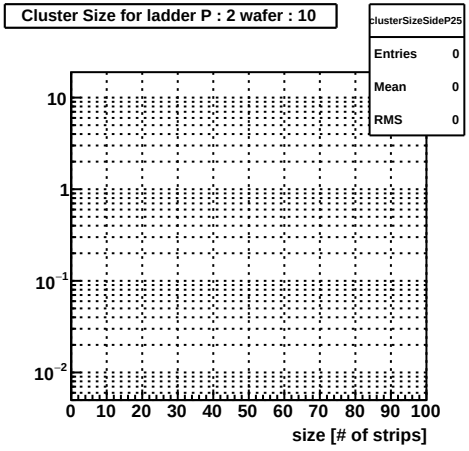

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

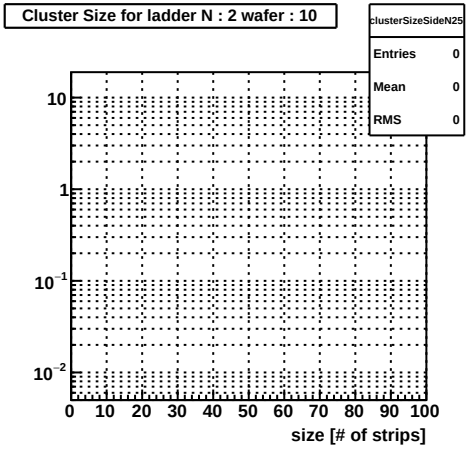

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

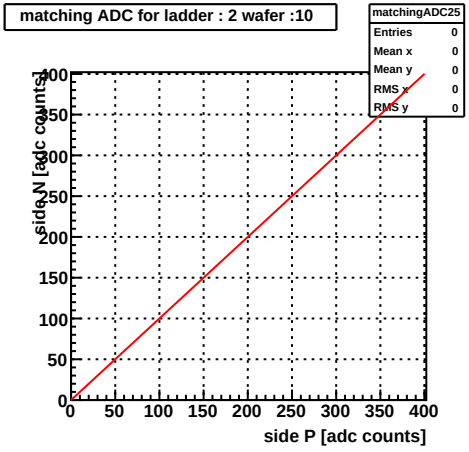

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

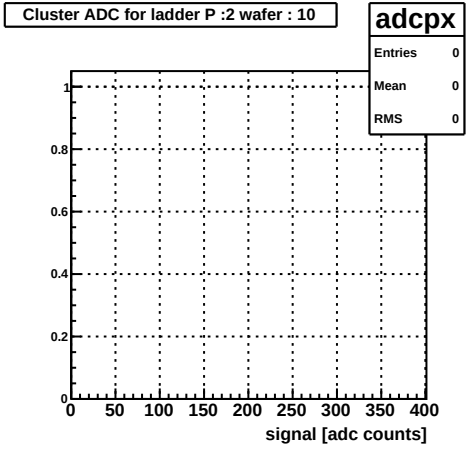

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

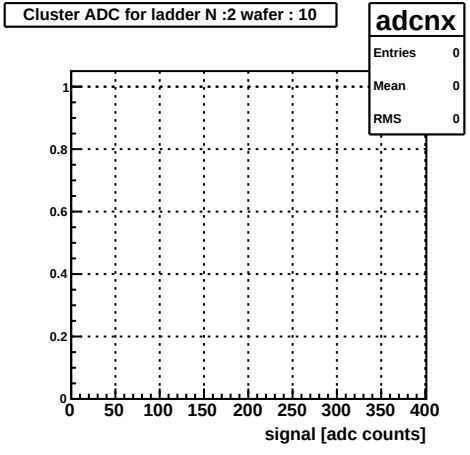

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

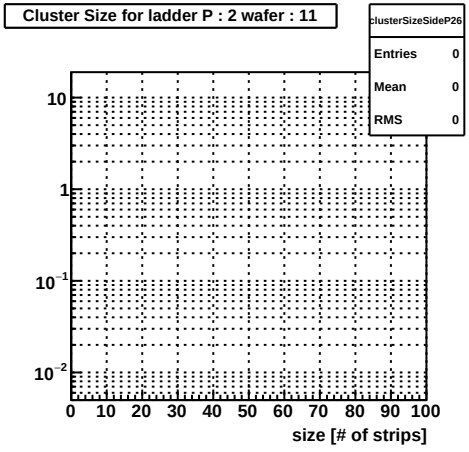

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

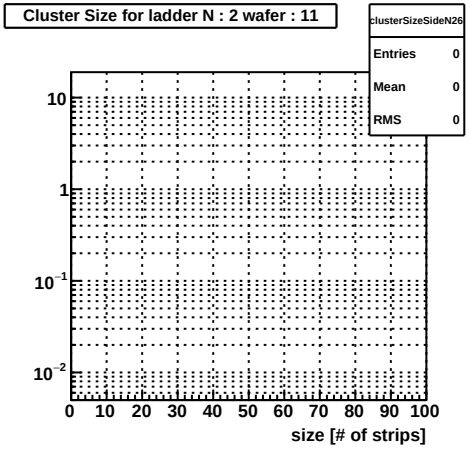

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

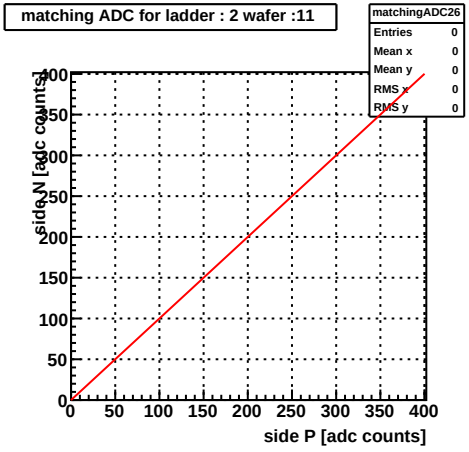

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

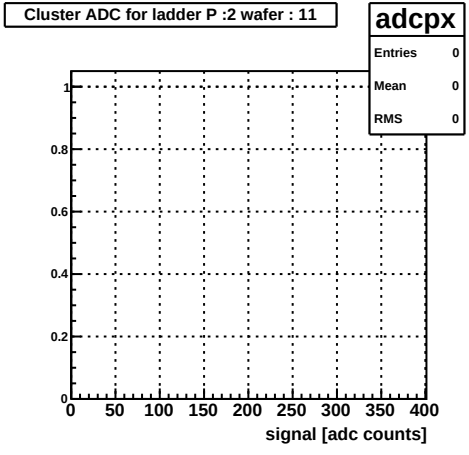

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

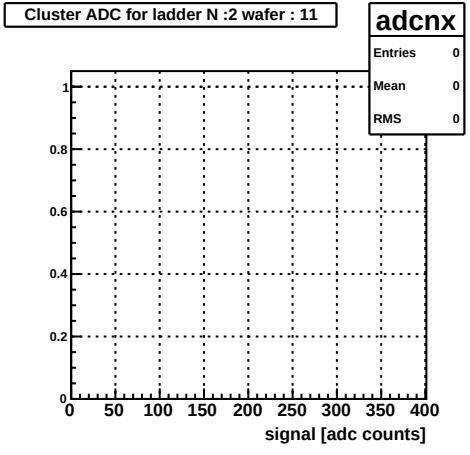

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

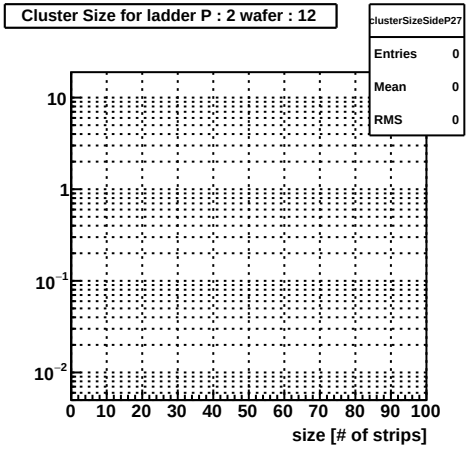

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

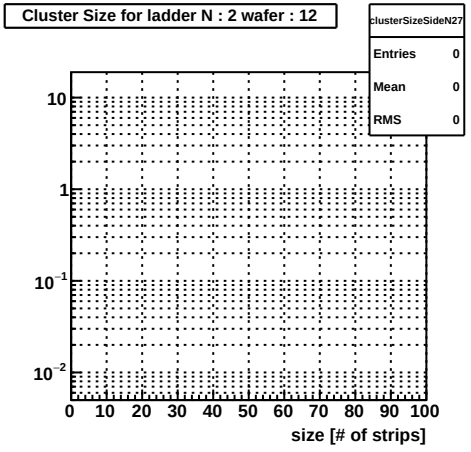

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

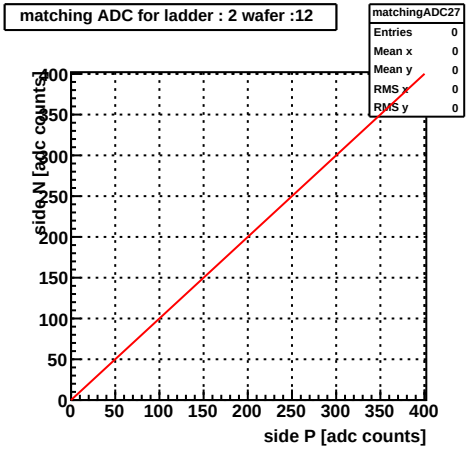

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

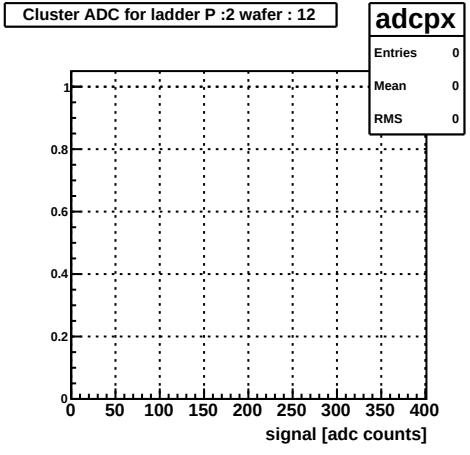

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

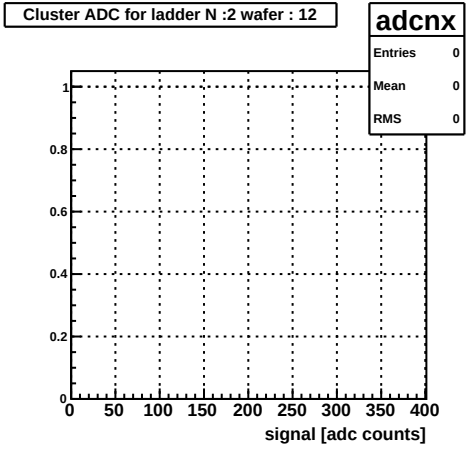

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

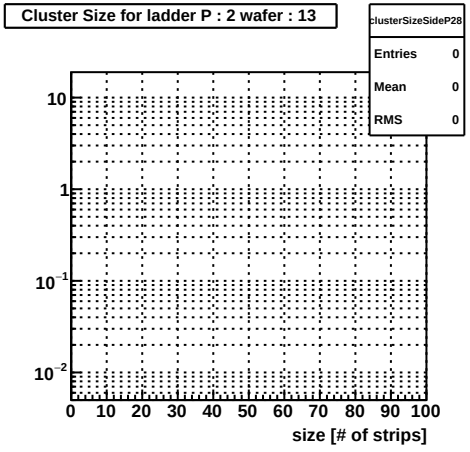

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

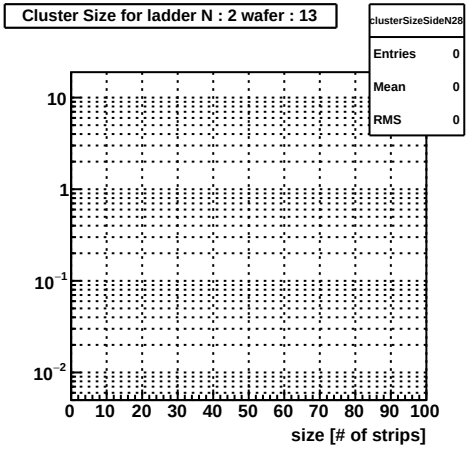

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

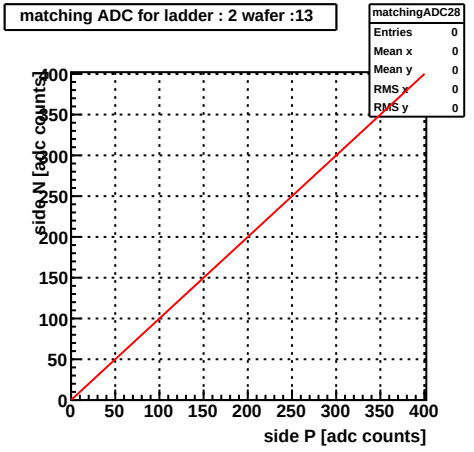

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

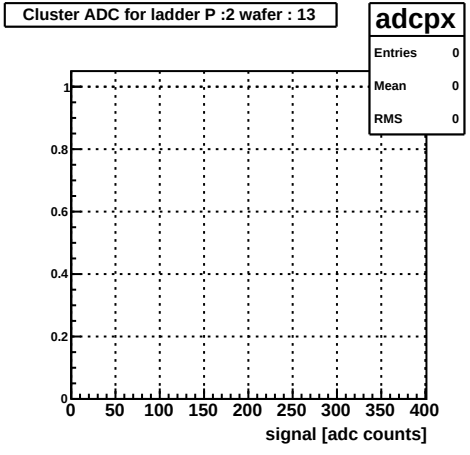

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

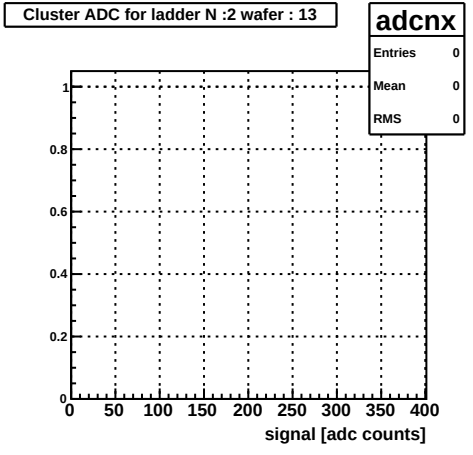

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

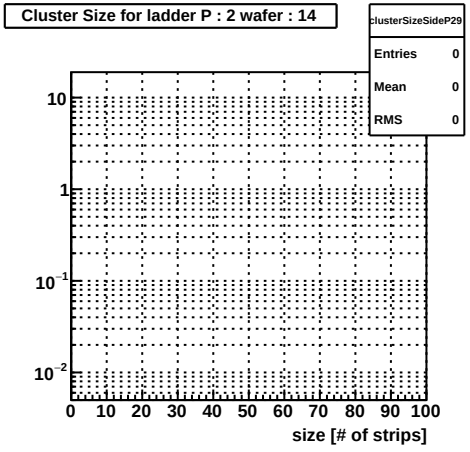

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

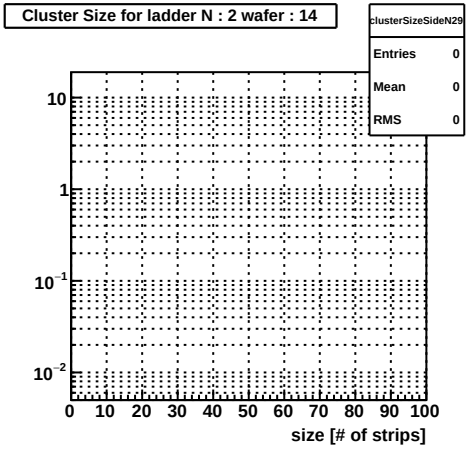

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

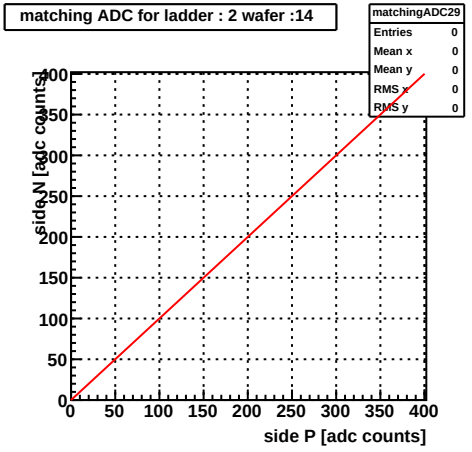

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

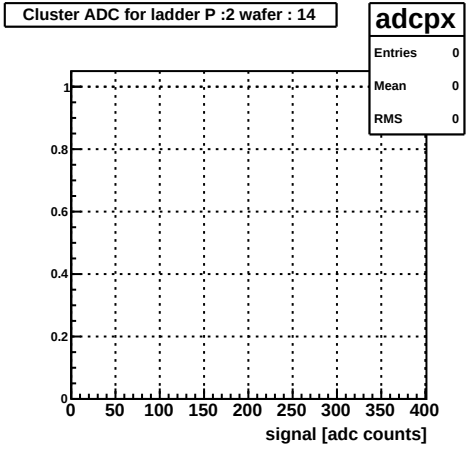

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

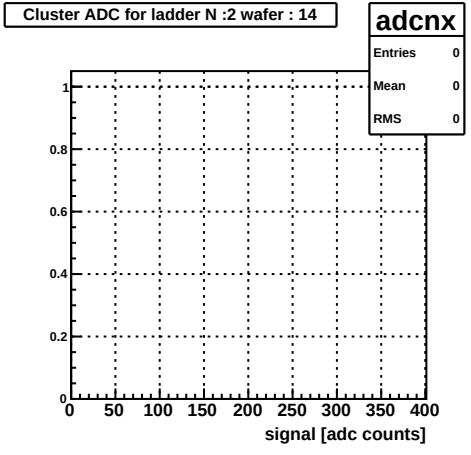

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

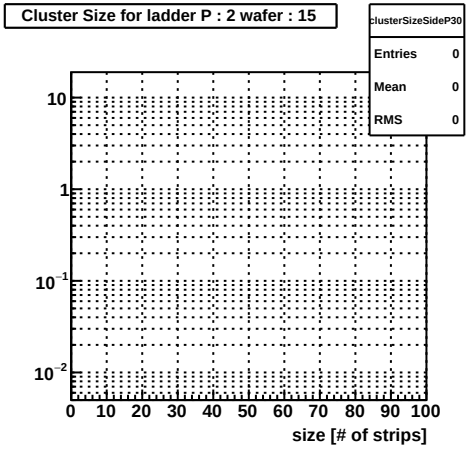

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

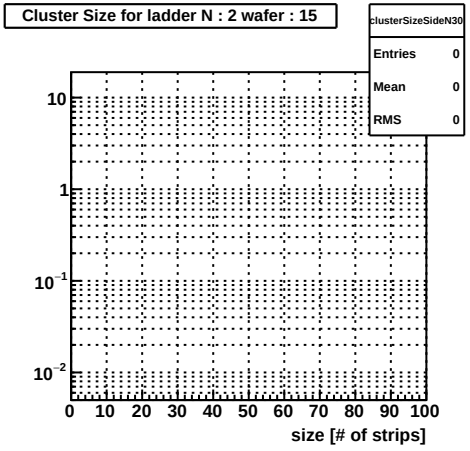

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

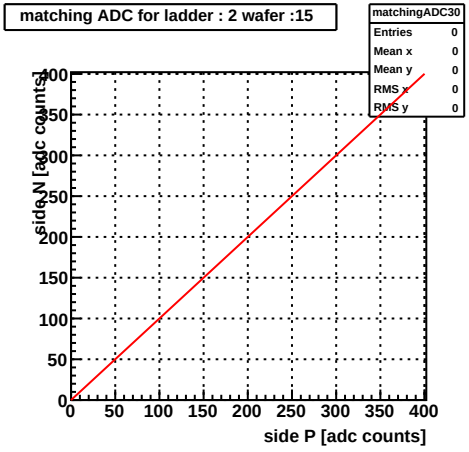

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

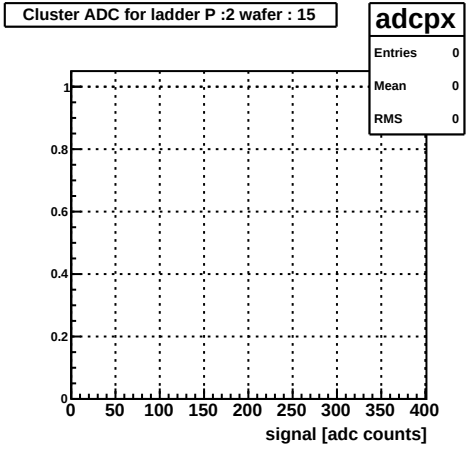

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

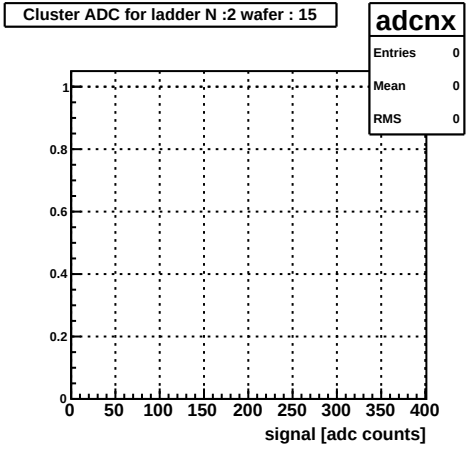

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

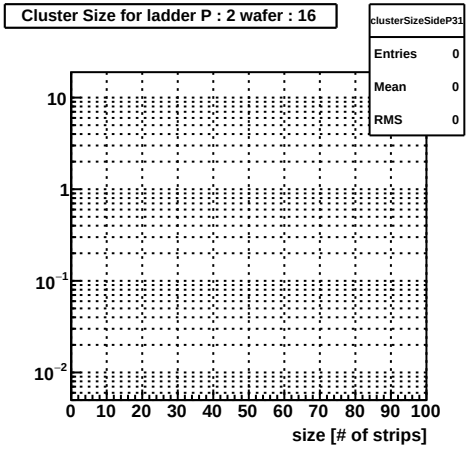

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

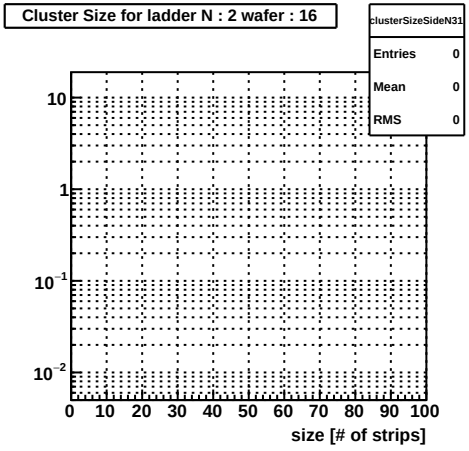

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

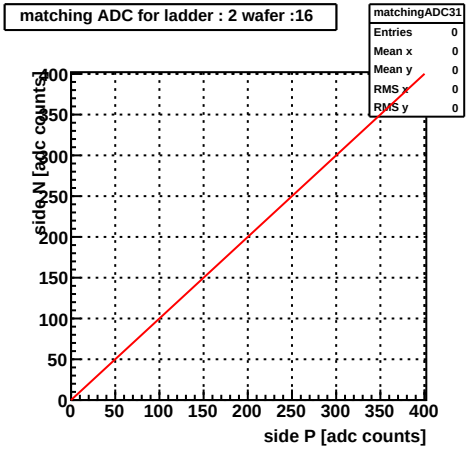

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

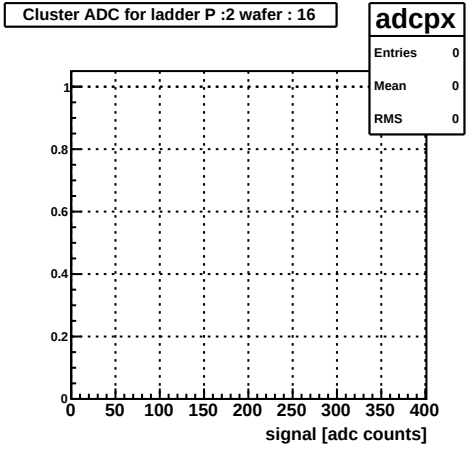

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

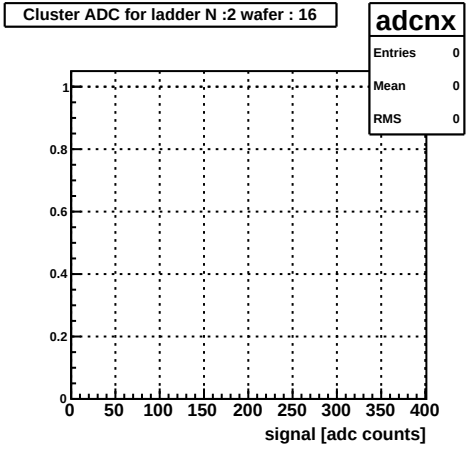

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

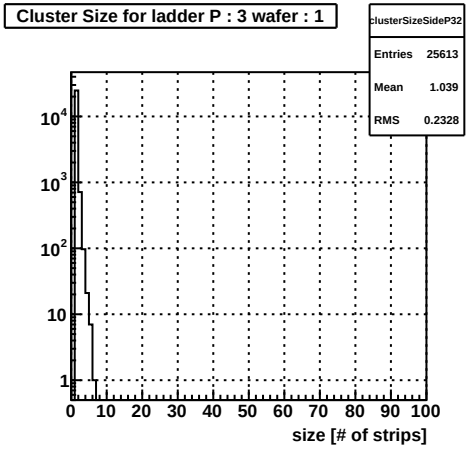

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

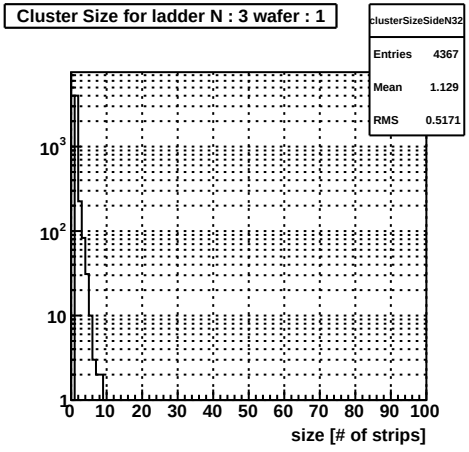

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

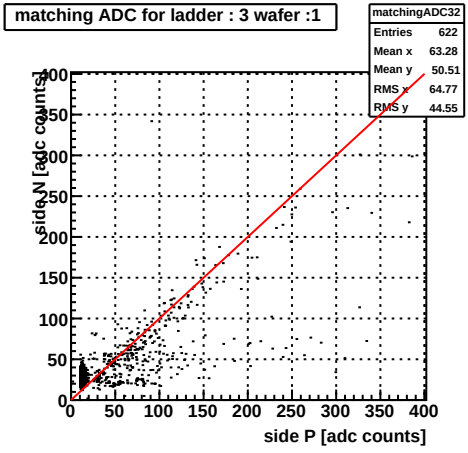

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

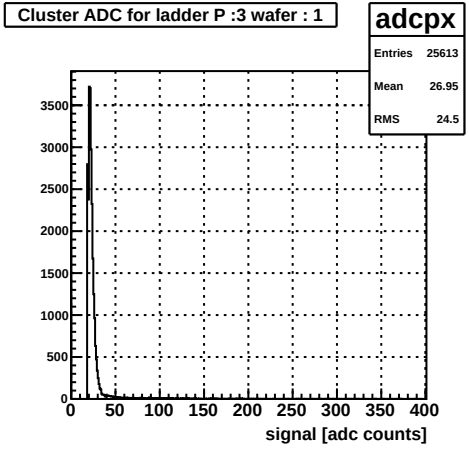

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

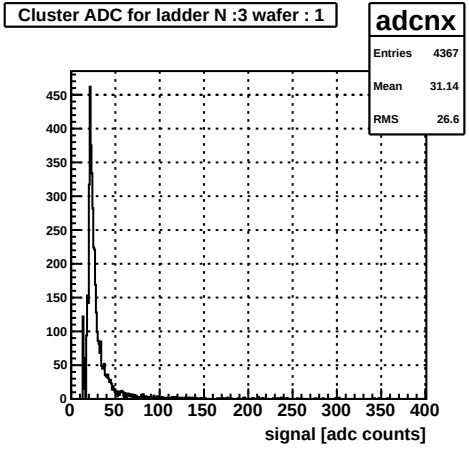

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

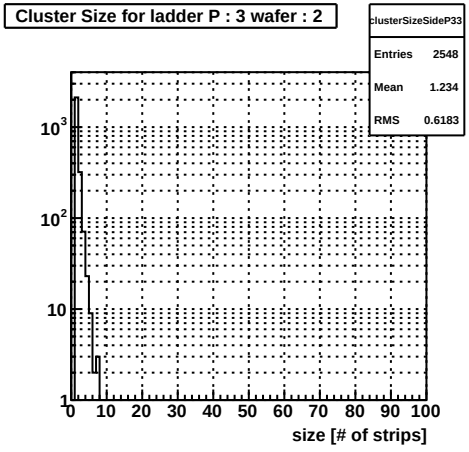

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 25613
Mean 1.039
RMS 0.2328
size [# of strips]

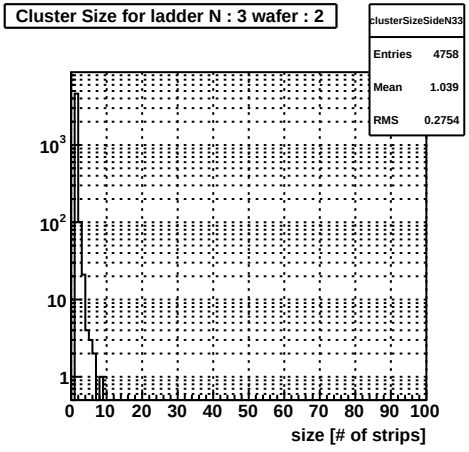

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 4367
Mean 1.129
RMS 0.5171
size [# of strips]

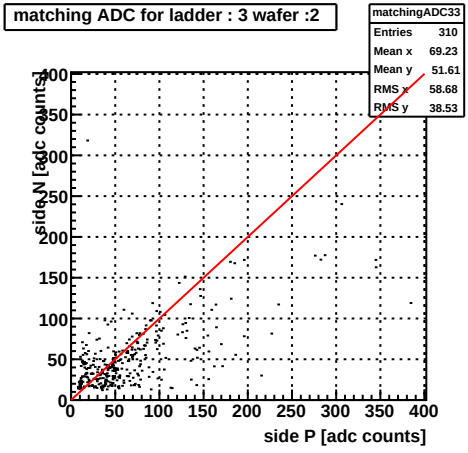

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 622
Mean x 63.28
Mean y 50.51
RMS x 64.77
RMS y 44.55
side N [adc counts]
side P [adc counts]

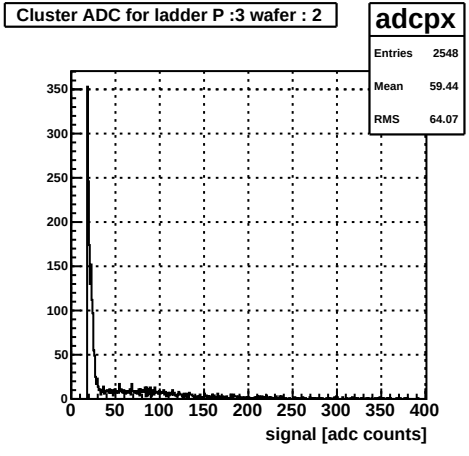

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 25613
Mean 26.95
RMS 24.5
signal [adc counts]

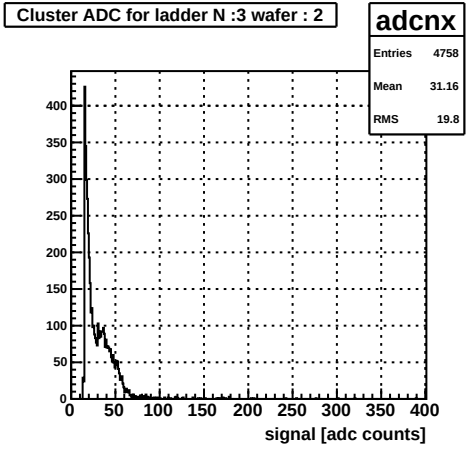

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 4367
Mean 31.14
RMS 26.6
signal [adc counts]

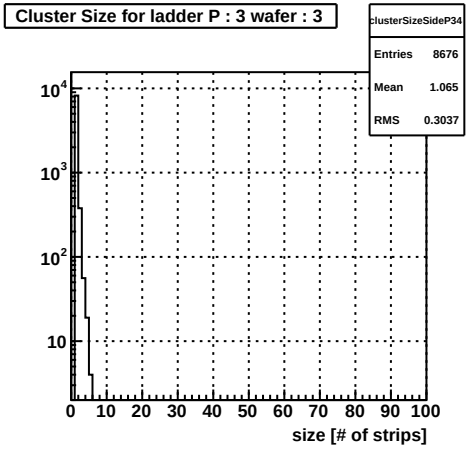

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 2548
Mean 1.234
RMS 0.6183
size [# of strips]

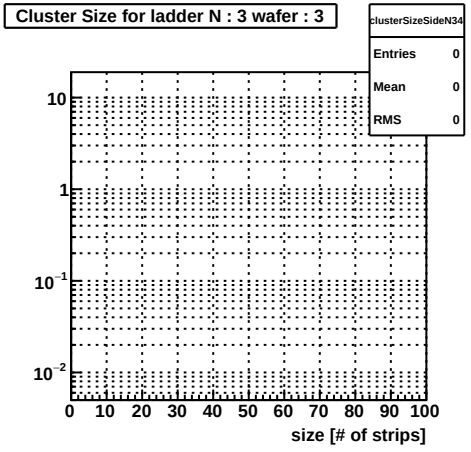

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 4758
Mean 1.039
RMS 0.2754
size [# of strips]

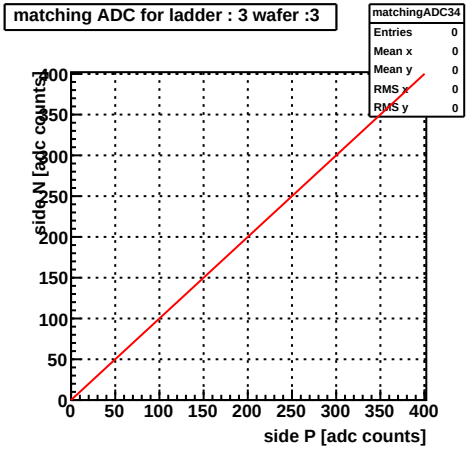

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 310
Mean x 69.23
Mean y 51.61
RMS x 58.68
RMS y 38.53
side N [adc counts]
side P [adc counts]

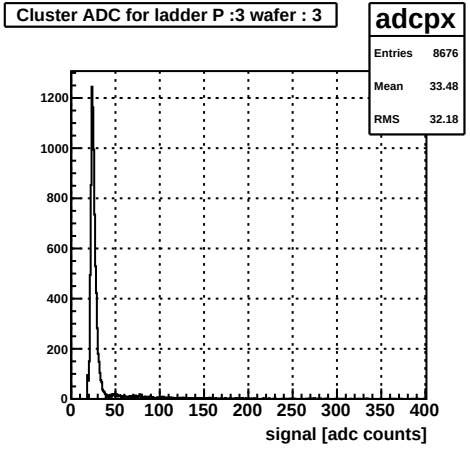

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 2548
Mean 59.44
RMS 64.07
signal [adc counts]

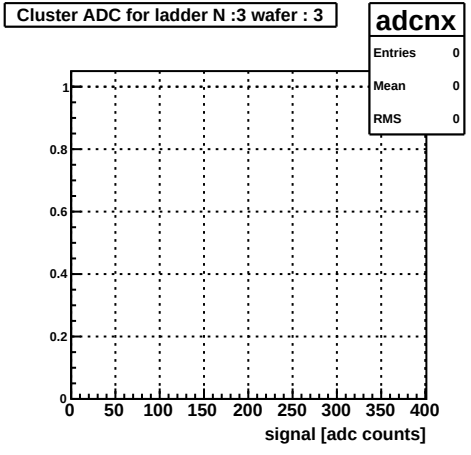

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 4758
Mean 31.16
RMS 19.8
signal [adc counts]

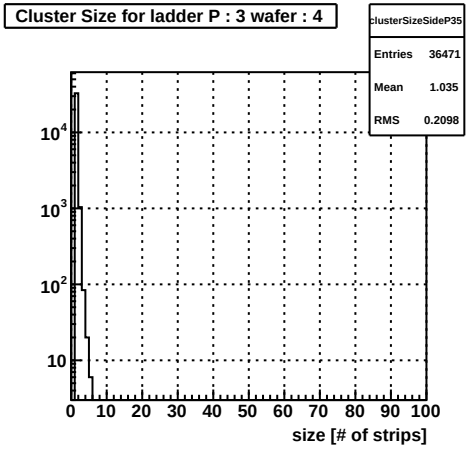

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 8676
Mean 1.065
RMS 0.3037
size [# of strips]

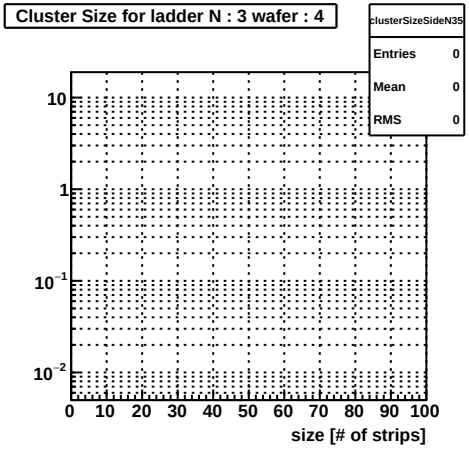

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

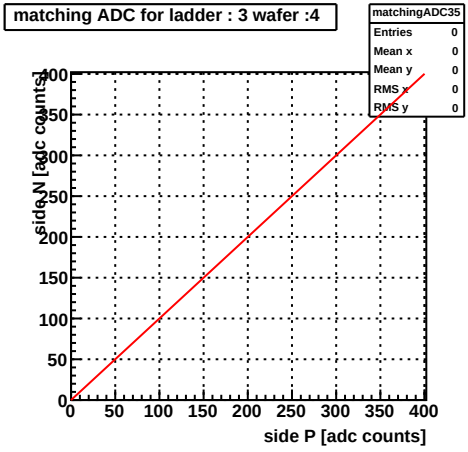

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

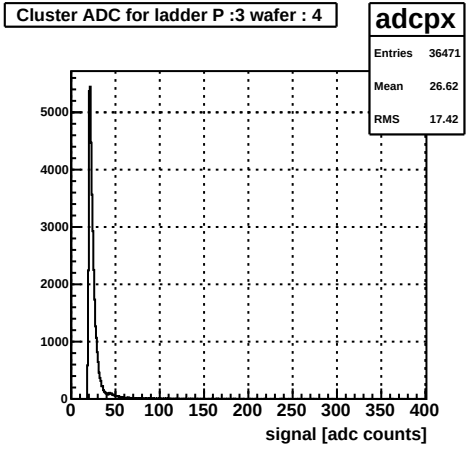

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 8676
Mean 33.48
RMS 32.18
signal [adc counts]

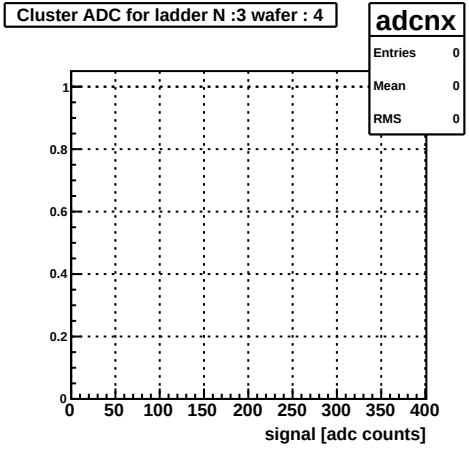

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

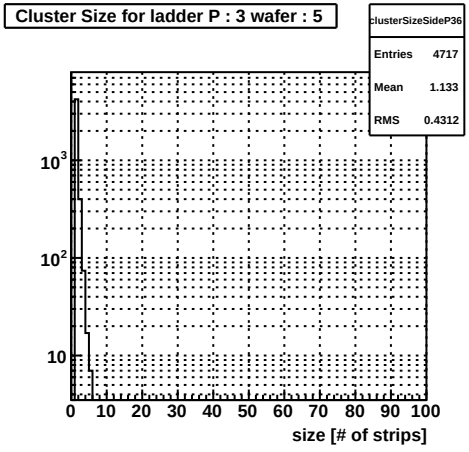

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 36471
Mean 1.035
RMS 0.2098
size [# of strips]

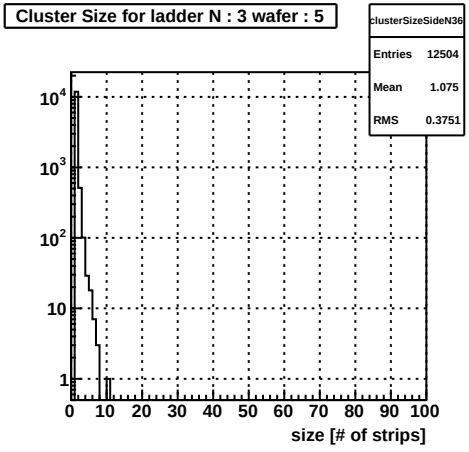

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

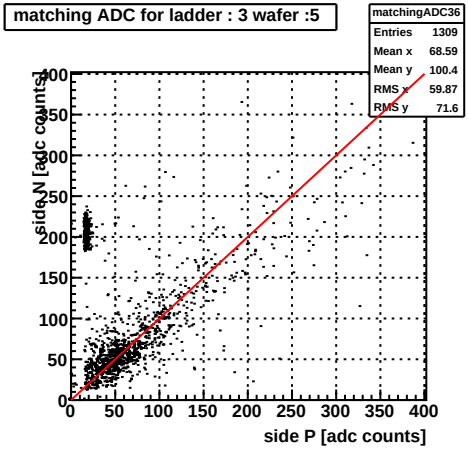

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

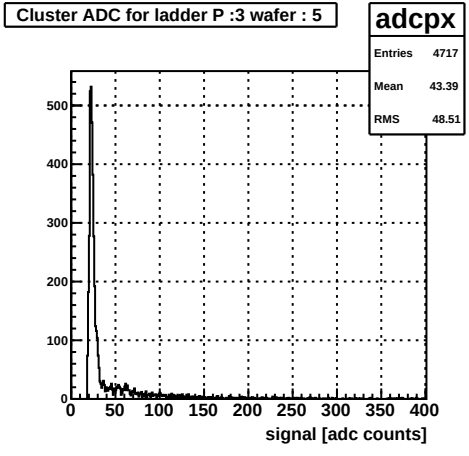

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 36471
Mean 26.62
RMS 17.42
signal [adc counts]

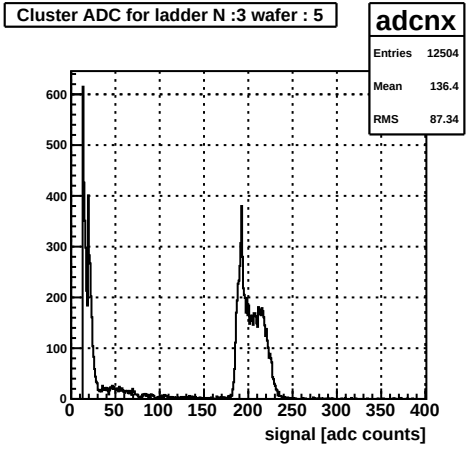

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

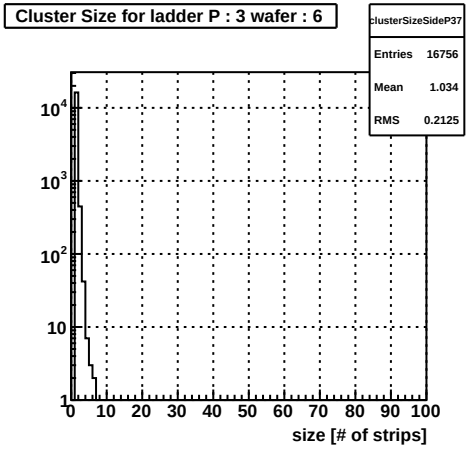

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 4717
Mean 1.133
RMS 0.4312
size [# of strips]

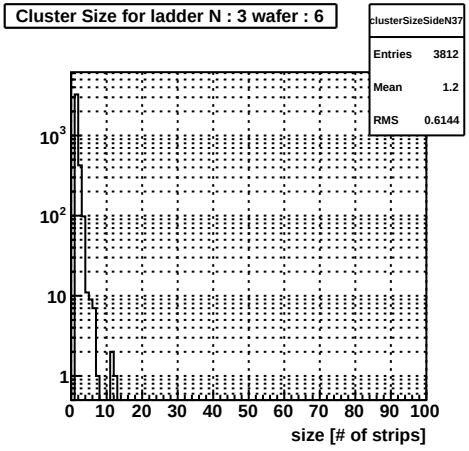

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 12504
Mean 1.075
RMS 0.3751
size [# of strips]

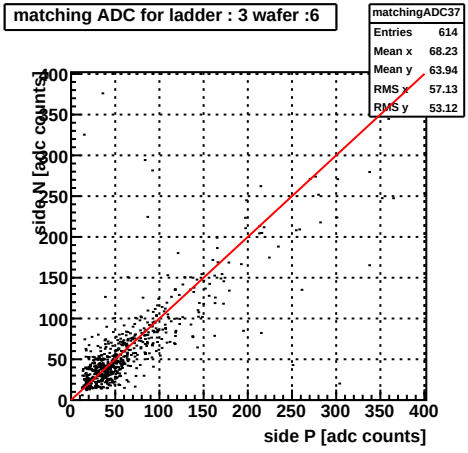

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 1309
Mean x 68.59
Mean y 100.4
RMS x 59.87
RMS y 71.6
side N [adc counts]
side P [adc counts]

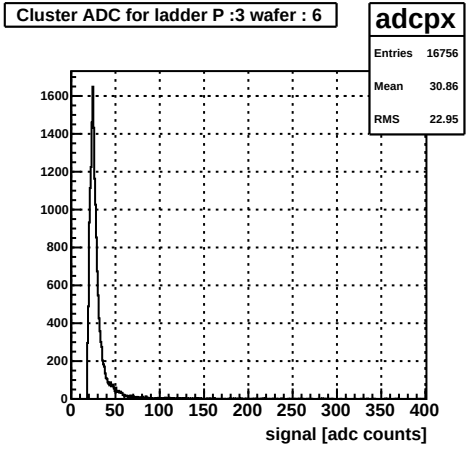

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 4717
Mean 43.39
RMS 48.51
signal [adc counts]

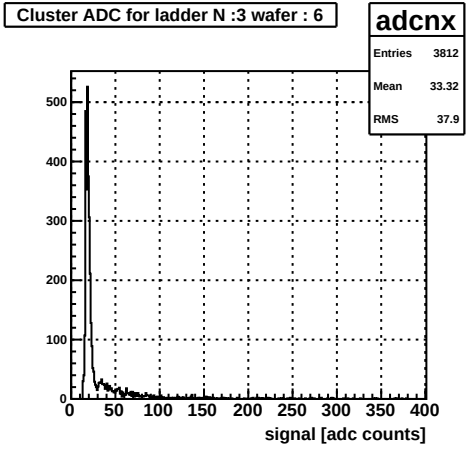

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 12504
Mean 136.4
RMS 87.34
signal [adc counts]

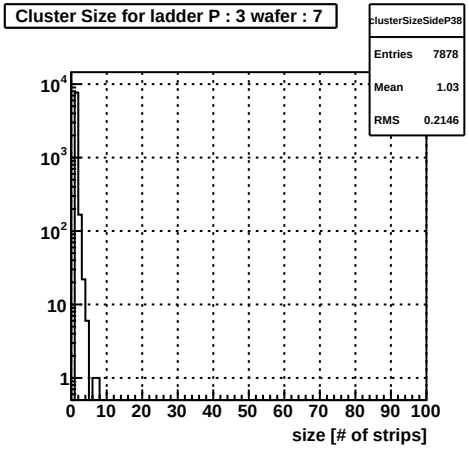

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 16756
Mean 1.034
RMS 0.2125
size [# of strips]

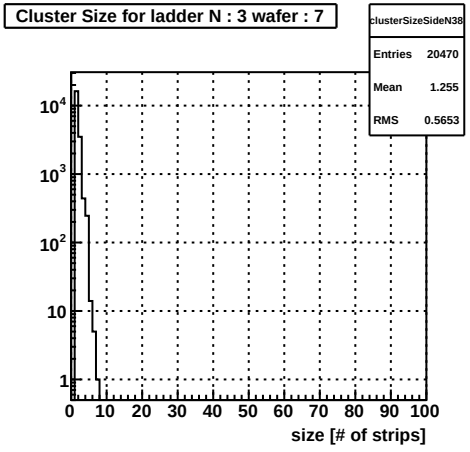

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 3812
Mean 1.2
RMS 0.6144
size [# of strips]

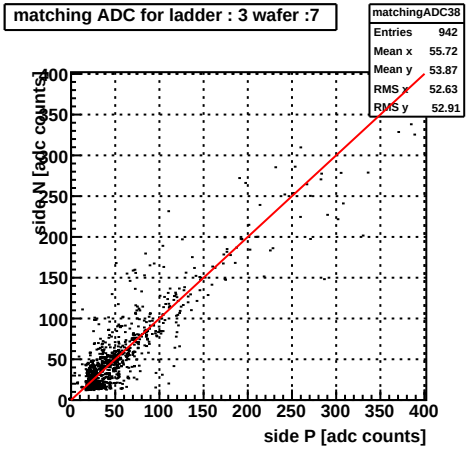

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 614
Mean x 68.23
Mean y 63.94
RMS x 57.13
RMS y 53.12
side N [adc counts]
side P [adc counts]

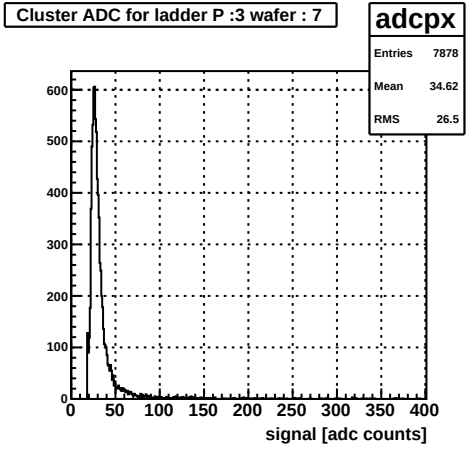

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 16756
Mean 30.86
RMS 22.95
signal [adc counts]

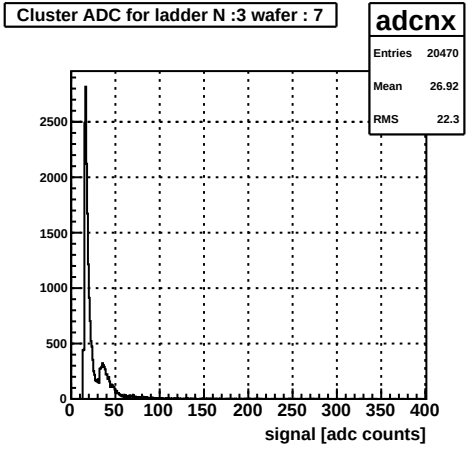

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 3812
Mean 33.32
RMS 37.9
signal [adc counts]

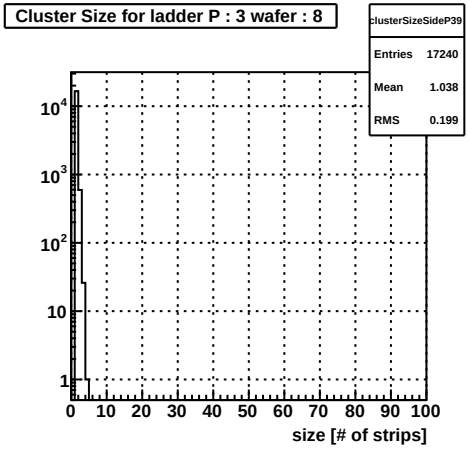

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 7878
Mean 1.03
RMS 0.2146
size [# of strips]

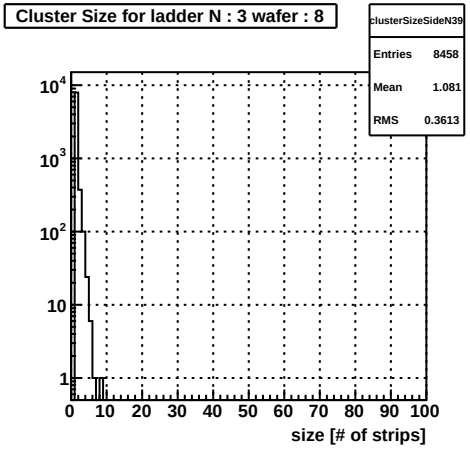

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 20470
Mean 1.255
RMS 0.5653
size [# of strips]

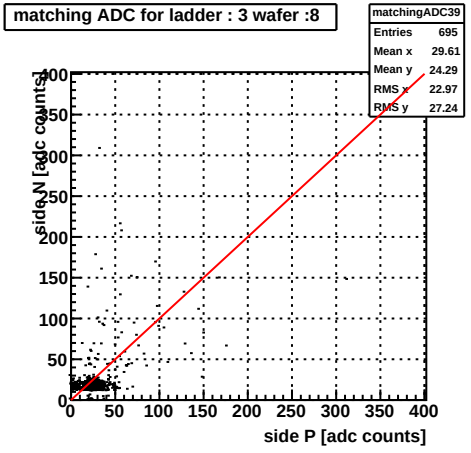

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 942
Mean x 55.72
Mean y 53.87
RMS x 52.63
RMS y 52.91
side N [adc counts]
side P [adc counts]

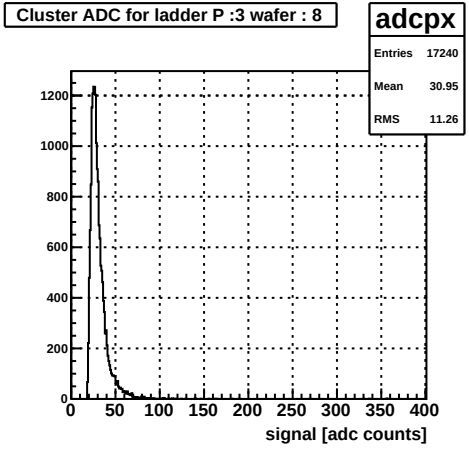

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 7878
Mean 34.62
RMS 26.5
signal [adc counts]

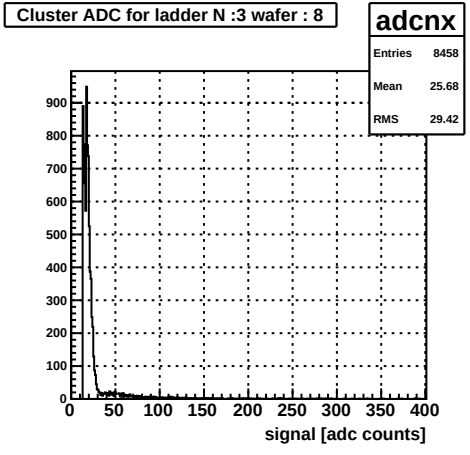

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 20470
Mean 26.92
RMS 22.3
signal [adc counts]

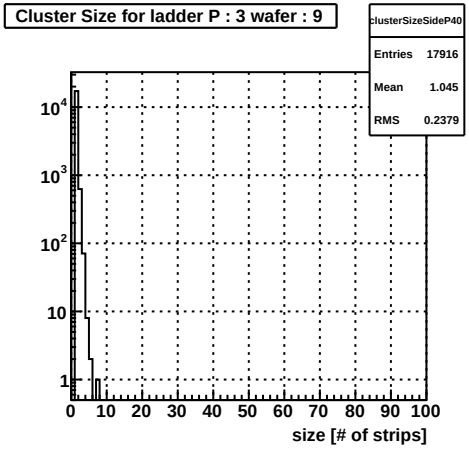

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 17240
Mean 1.038
RMS 0.199
size [# of strips]

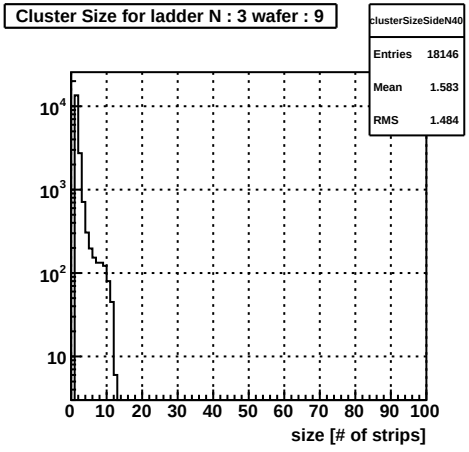

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 8458
Mean 1.081
RMS 0.3613
size [# of strips]

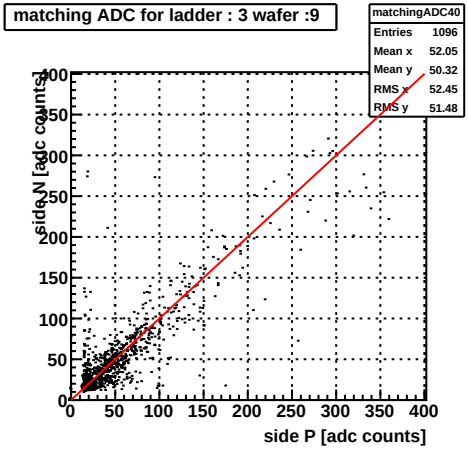

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 695
Mean x 29.61
Mean y 24.29
RMS x 22.97
RMS y 27.24
side N [adc counts]
side P [adc counts]

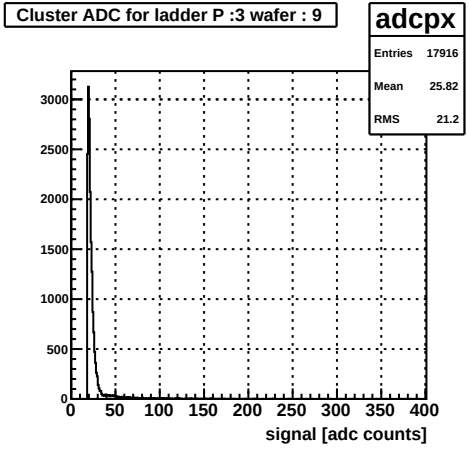

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 17240
Mean 30.95
RMS 11.26
signal [adc counts]

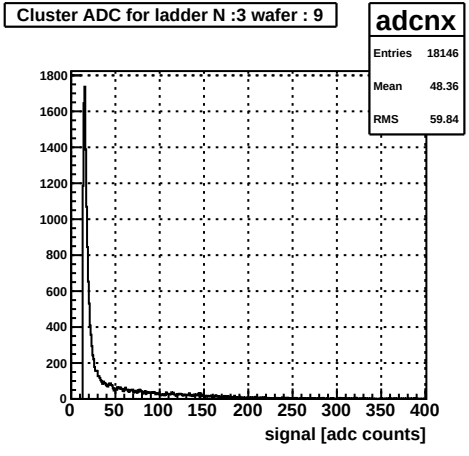

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 8458
Mean 25.68
RMS 29.42
signal [adc counts]

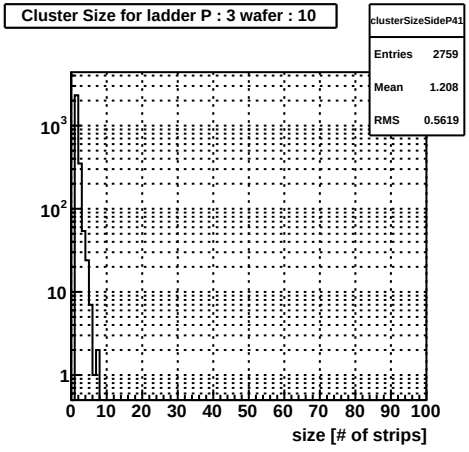

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 17916
Mean 1.045
RMS 0.2379
size [# of strips]

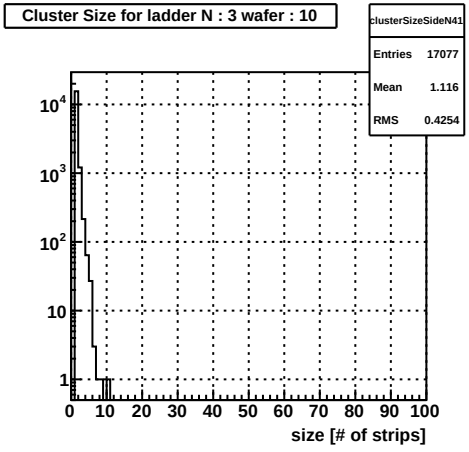

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 18146
Mean 1.583
RMS 1.484
size [# of strips]

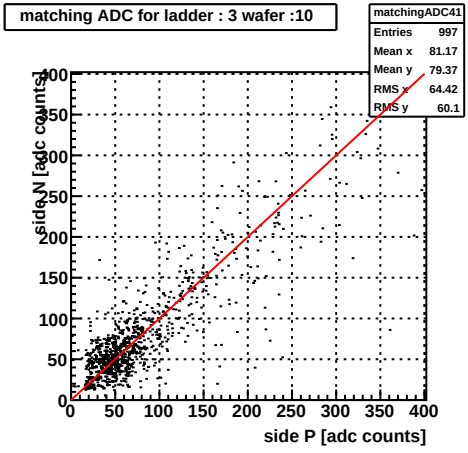

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 1096
Mean x 52.05
Mean y 50.32
RMS x 52.45
RMS y 51.48
side N [adc counts]
side P [adc counts]

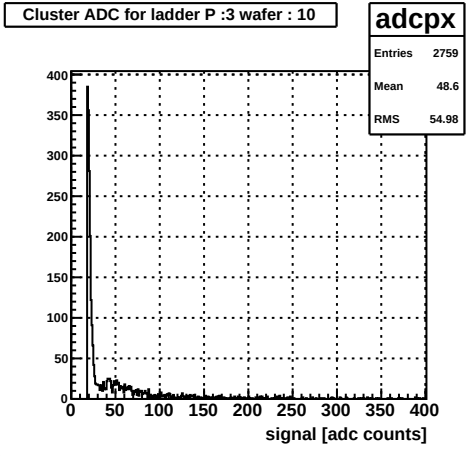

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 17916
Mean 25.82
RMS 21.2
signal [adc counts]

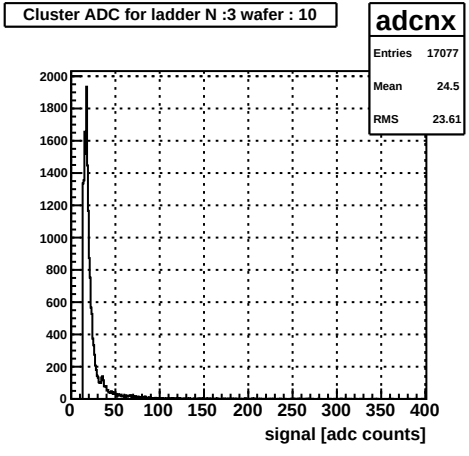

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 18146
Mean 48.36
RMS 59.84
signal [adc counts]

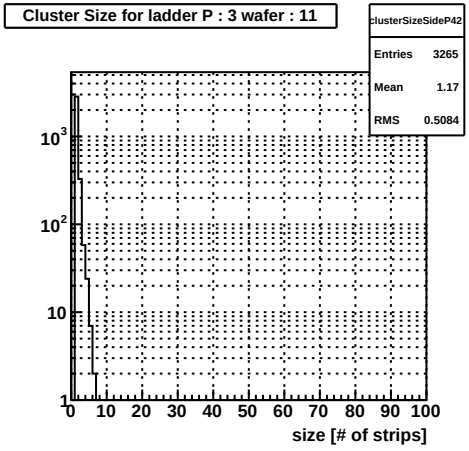

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 2759
Mean 1.208
RMS 0.5619
size [# of strips]

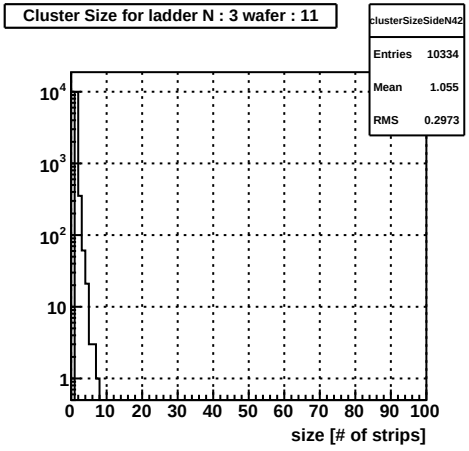

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 17077
Mean 1.116
RMS 0.4254
size [# of strips]

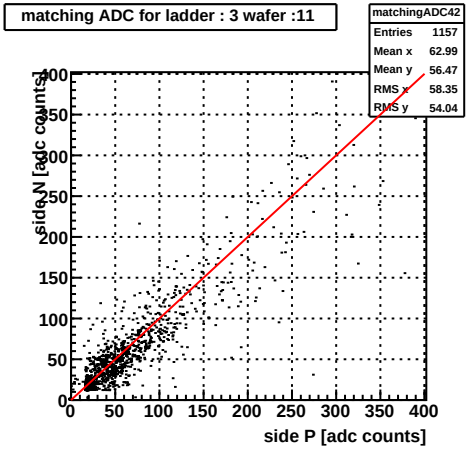

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 997
Mean x 81.17
Mean y 79.37
RMS x 64.42
RMS y 60.1
side N [adc counts]
side P [adc counts]

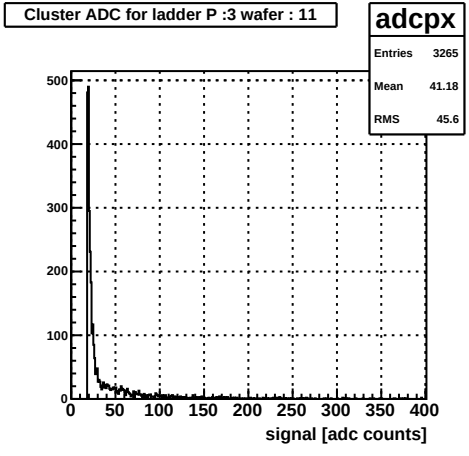

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 2759
Mean 48.6
RMS 54.98
signal [adc counts]

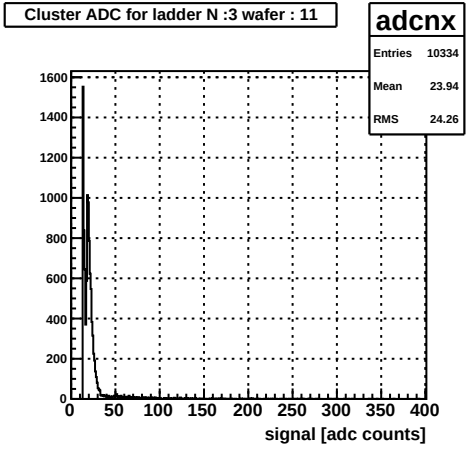

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 17077
Mean 24.5
RMS 23.61
signal [adc counts]

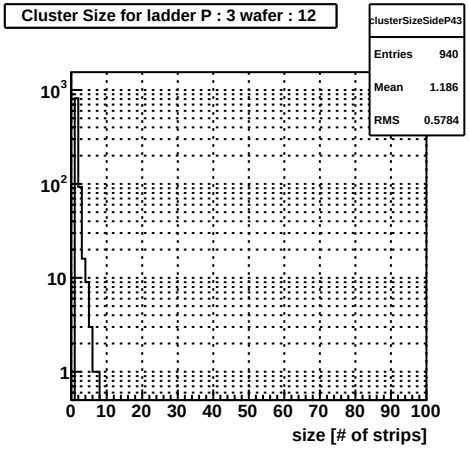

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 3265
Mean 1.17
RMS 0.5084
size [# of strips]

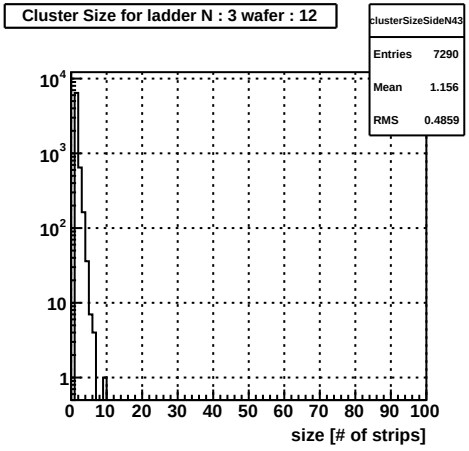

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 10334
Mean 1.055
RMS 0.2973
size [# of strips]

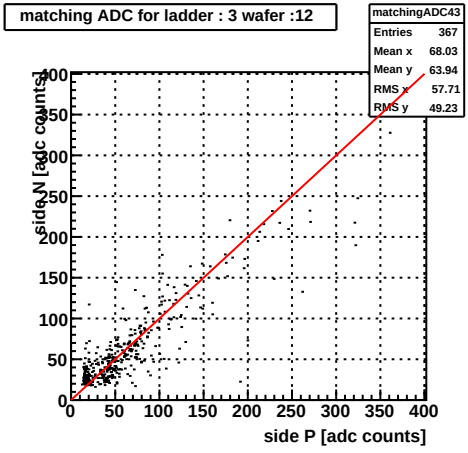

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 1157
Mean x 62.99
Mean y 56.47
RMS x 58.35
RMS y 54.04
side N [adc counts]
side P [adc counts]

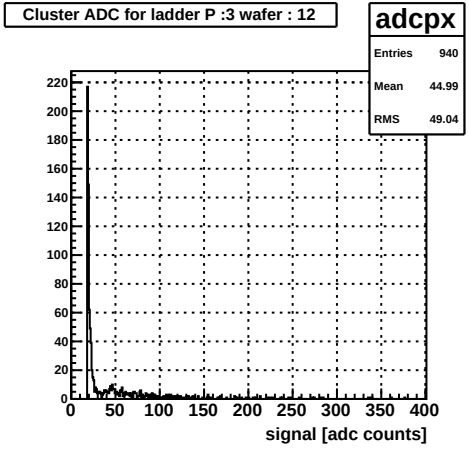

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 3265
Mean 41.18
RMS 45.6
signal [adc counts]

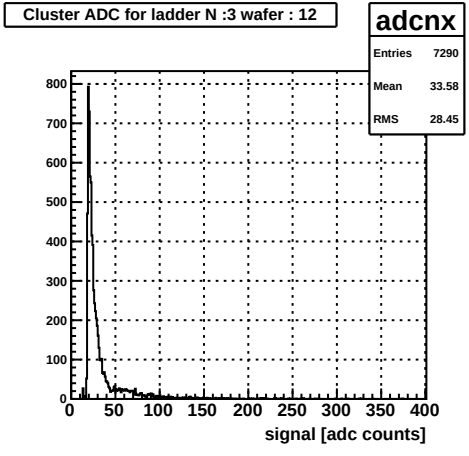

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 10334
Mean 23.94
RMS 24.26
signal [adc counts]

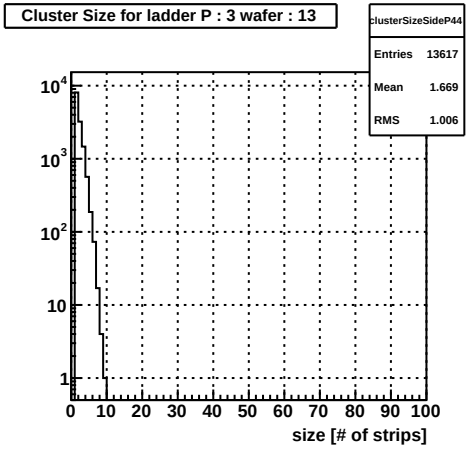

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 940
Mean 1.186
RMS 0.5784
size [# of strips]

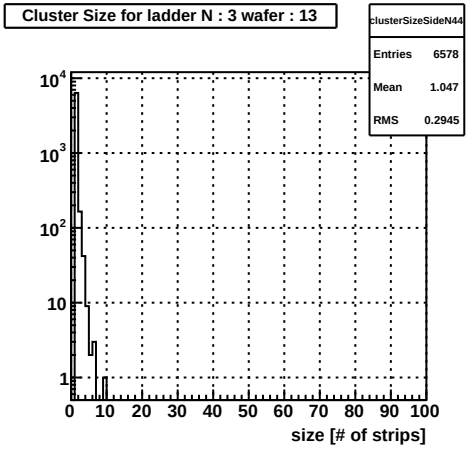

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 7290
Mean 1.156
RMS 0.4859
size [# of strips]

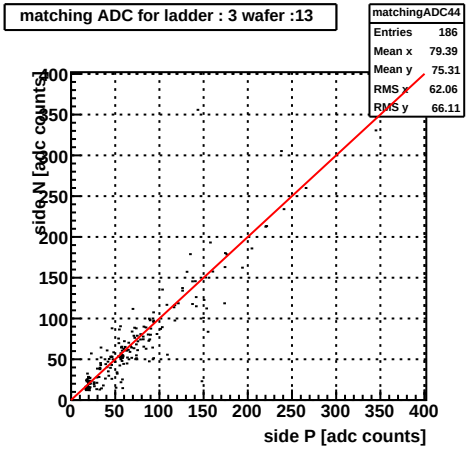

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 367
Mean x 68.03
Mean y 63.94
RMS x 57.71
RMS y 49.23
side N [adc counts]
side P [adc counts]

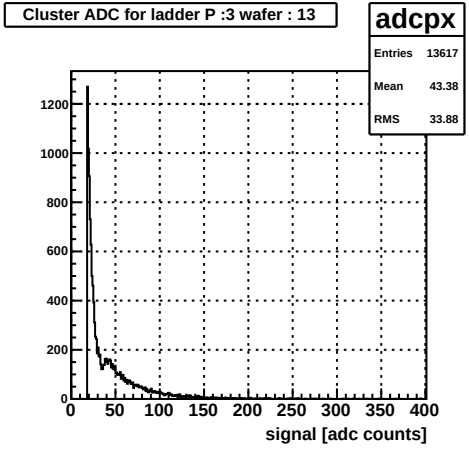

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 940
Mean 44.99
RMS 49.04
signal [adc counts]

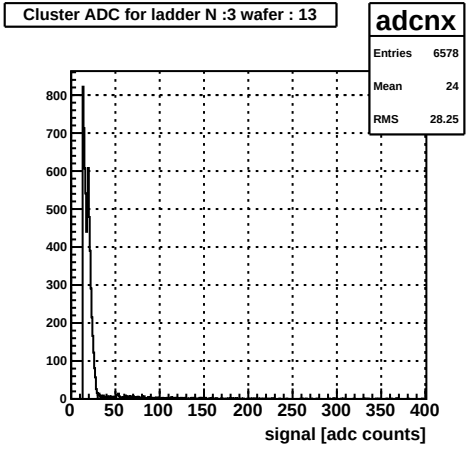

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 7290
Mean 33.58
RMS 28.45
signal [adc counts]

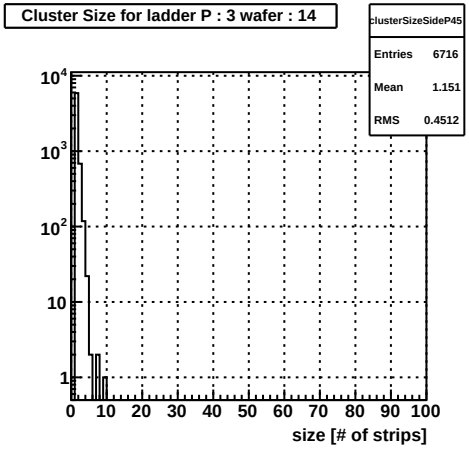

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 13617
Mean 1.669
RMS 1.006
size [# of strips]

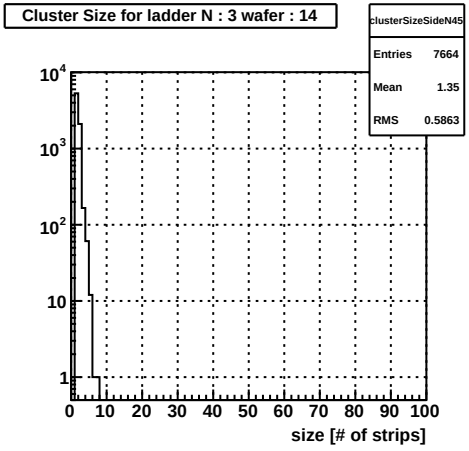

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 6578
Mean 1.047
RMS 0.2945
size [# of strips]

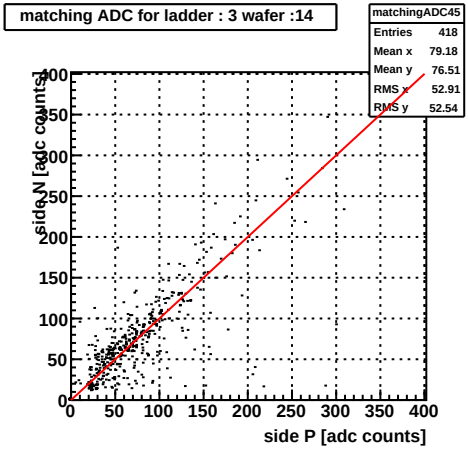

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 186
Mean x 79.39
Mean y 75.31
RMS x 62.06
RMS y 66.11
side N [adc counts]
side P [adc counts]

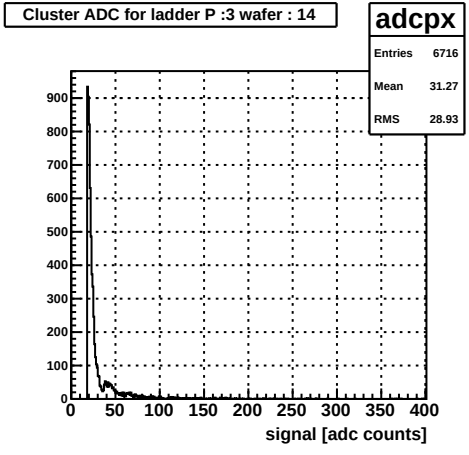

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 13617
Mean 43.38
RMS 33.88
signal [adc counts]

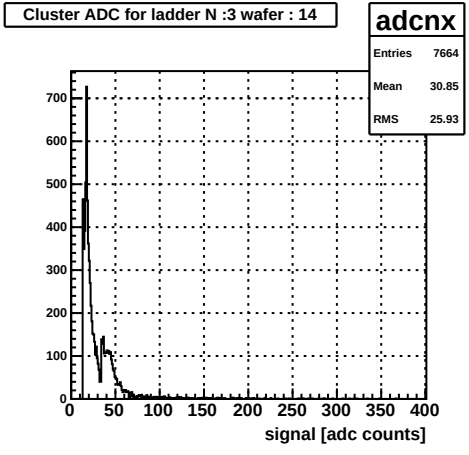

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 6578
Mean 24
RMS 28.25
signal [adc counts]

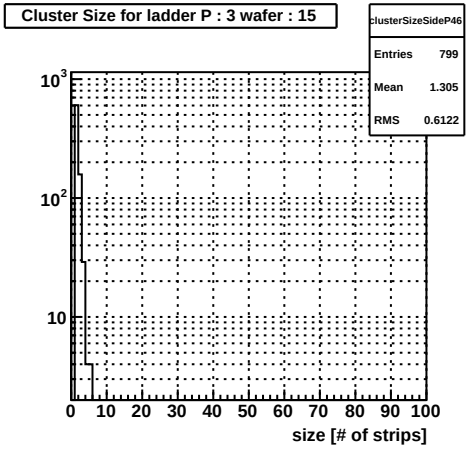

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 6716
Mean 1.151
RMS 0.4512
size [# of strips]

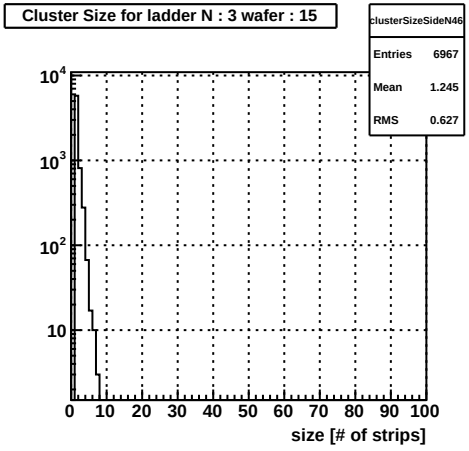

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 7664
Mean 1.35
RMS 0.5863
size [# of strips]

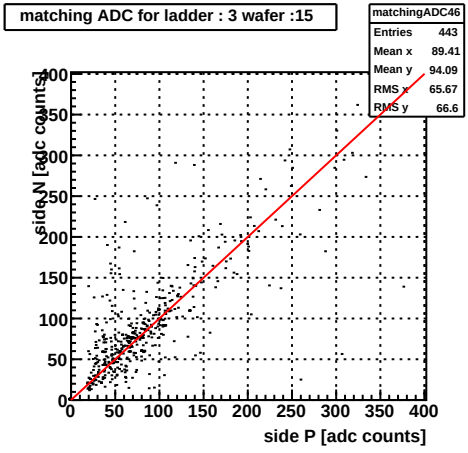

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 418
Mean x 79.18
Mean y 76.51
RMS x 52.91
RMS y 52.54
side N [adc counts]
side P [adc counts]

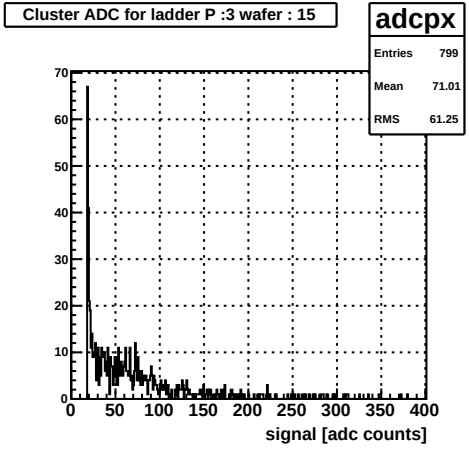

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 6716
Mean 31.27
RMS 28.93
signal [adc counts]

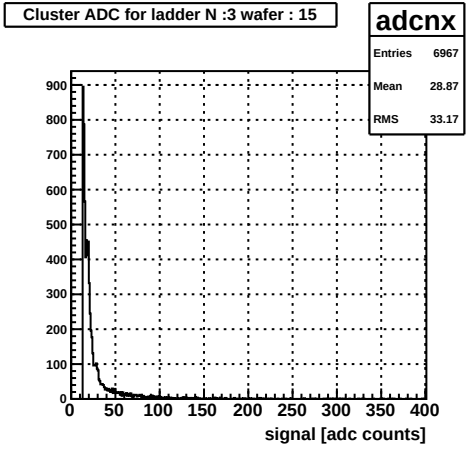

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 7664
Mean 30.85
RMS 25.93
signal [adc counts]

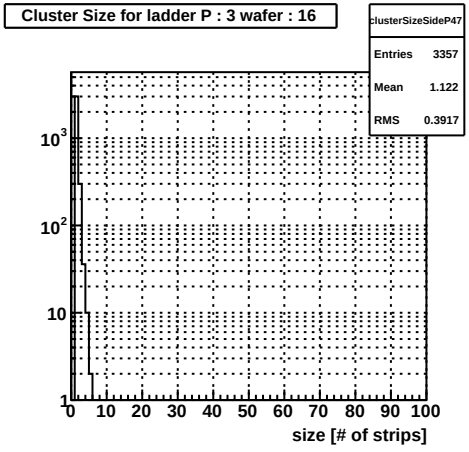

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 799
Mean 1.305
RMS 0.6122
size [# of strips]

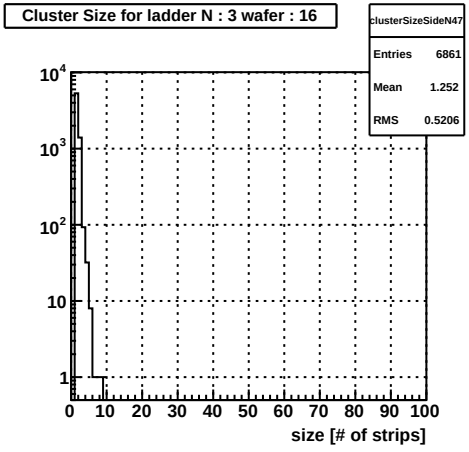

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 6967
Mean 1.245
RMS 0.627
size [# of strips]

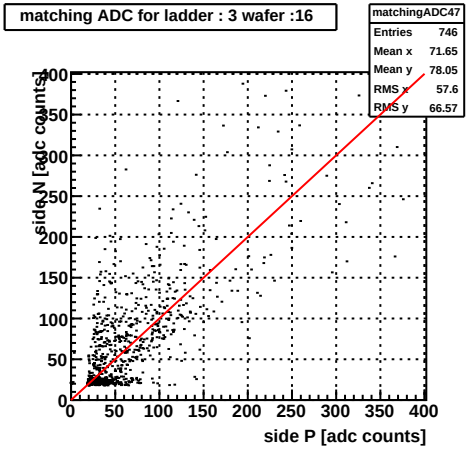

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 443
Mean x 89.41
Mean y 94.09
RMS x 65.67
RMS y 66.6
side N [adc counts]
side P [adc counts]

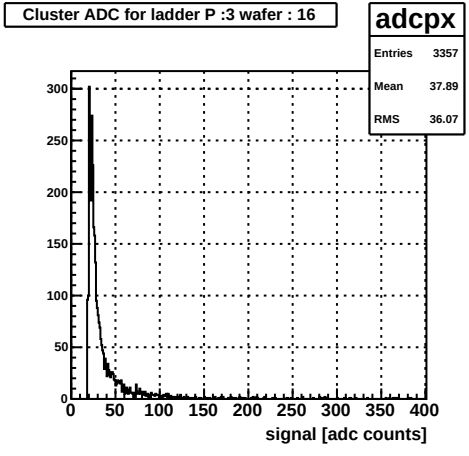

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 799
Mean 71.01
RMS 61.25
signal [adc counts]

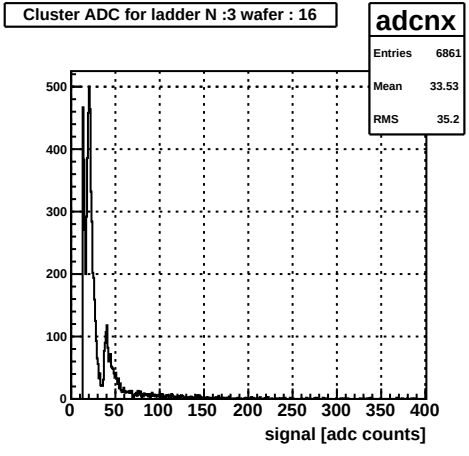

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 6967
Mean 28.87
RMS 33.17
signal [adc counts]

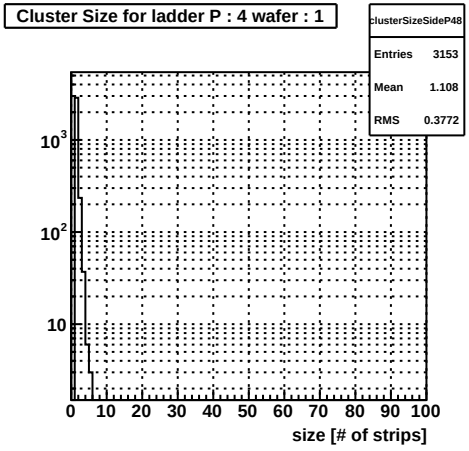

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 3357
Mean 1.122
RMS 0.3917
size [# of strips]

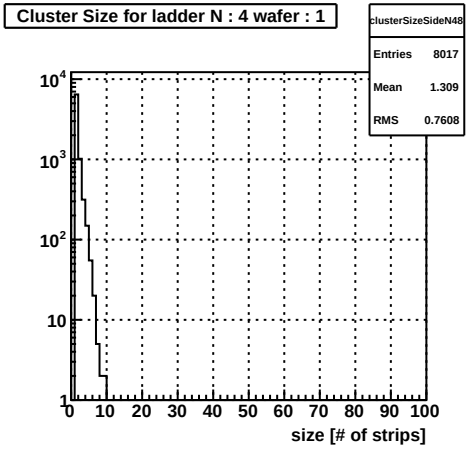

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 6861
Mean 1.252
RMS 0.5206
size [# of strips]

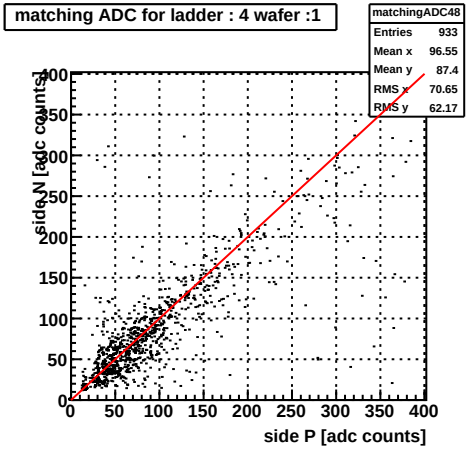

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 746
Mean x 71.65
Mean y 78.05
RMS x 57.6
RMS y 66.57
side N [adc counts]
side P [adc counts]

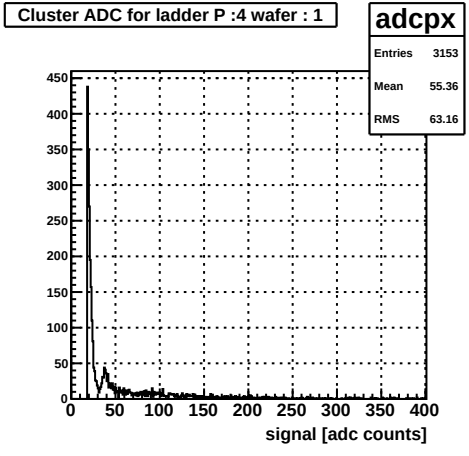

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 3357
Mean 37.89
RMS 36.07
signal [adc counts]

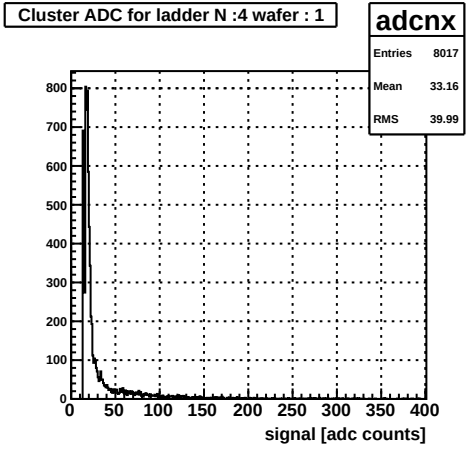

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 6861
Mean 33.53
RMS 35.2
signal [adc counts]

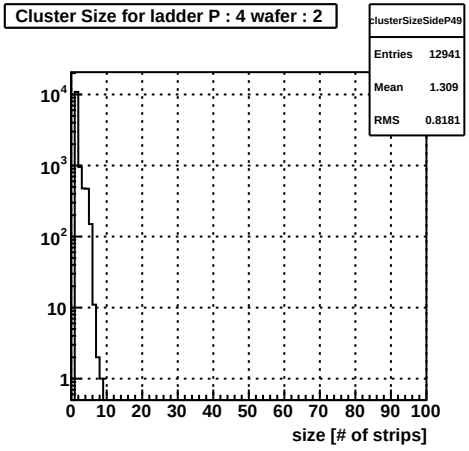

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 3153
Mean 1.108
RMS 0.3772
size [# of strips]

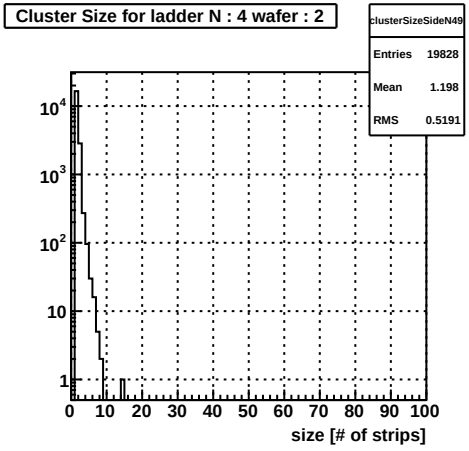

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 8017
Mean 1.309
RMS 0.7608
size [# of strips]

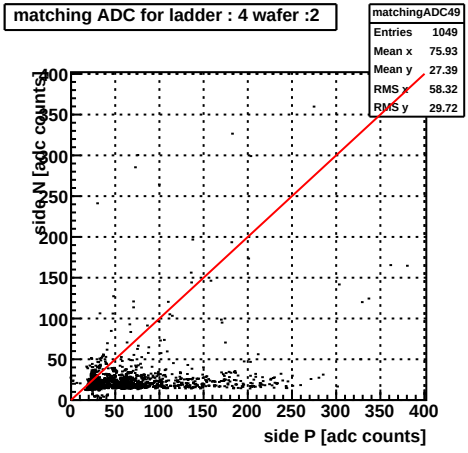

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 933
Mean x 96.55
Mean y 87.4
RMS x 70.65
RMS y 62.17
side N [adc counts]
side P [adc counts]

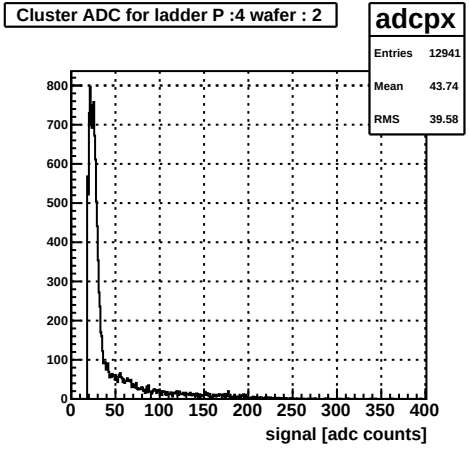

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 3153
Mean 55.36
RMS 63.16
signal [adc counts]

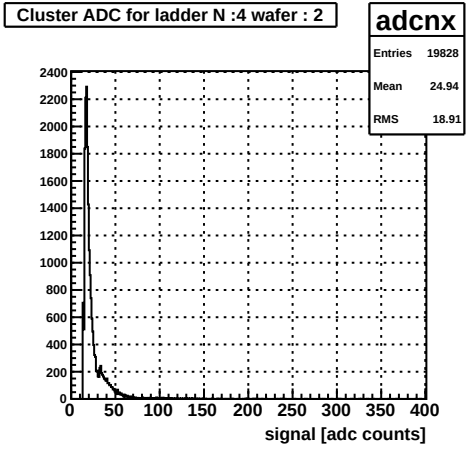

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 8017
Mean 33.16
RMS 39.99
signal [adc counts]

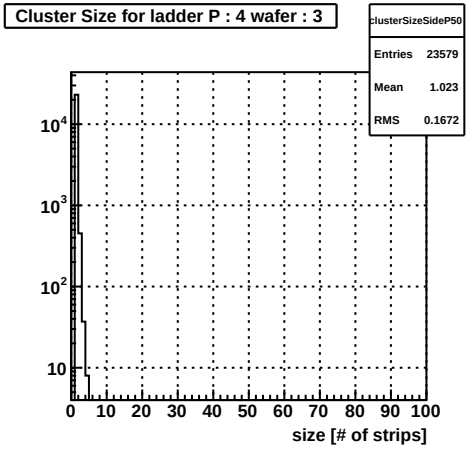

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 12941
Mean 1.309
RMS 0.8181
size [# of strips]

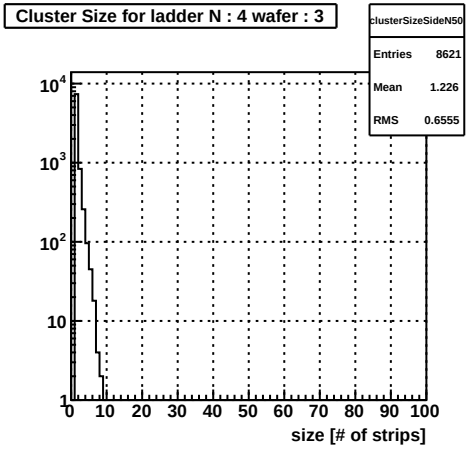

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 19828
Mean 1.198
RMS 0.5191
size [# of strips]

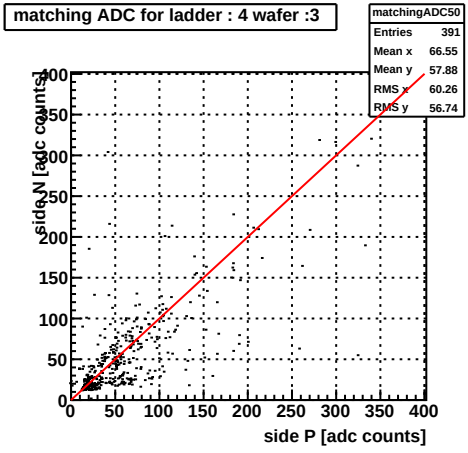

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 1049
Mean x 75.93
Mean y 27.39
RMS x 58.32
RMS y 29.72
side N [adc counts]
side P [adc counts]

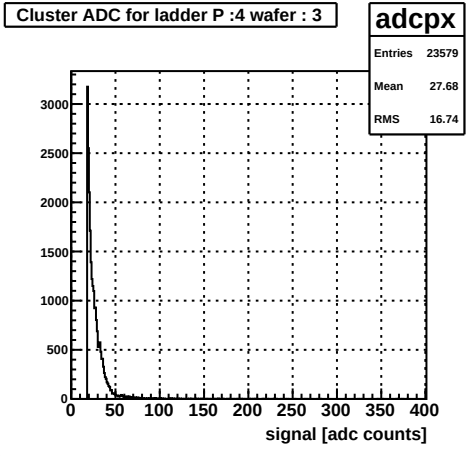

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 12941
Mean 43.74
RMS 39.58
signal [adc counts]

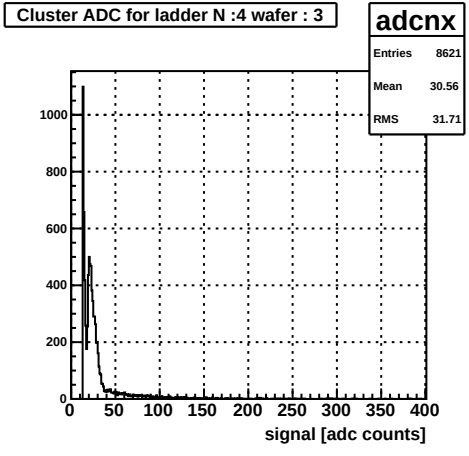

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 19828
Mean 24.94
RMS 18.91
signal [adc counts]

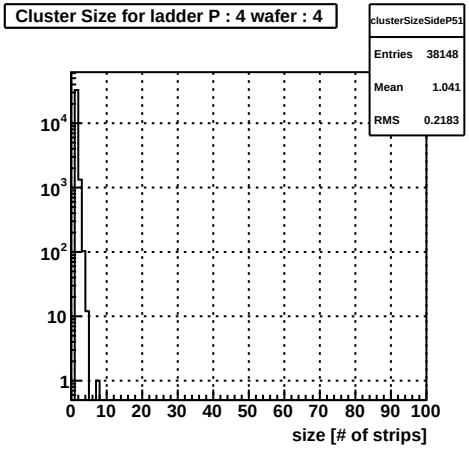

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 23579
Mean 1.023
RMS 0.1672
size [# of strips]

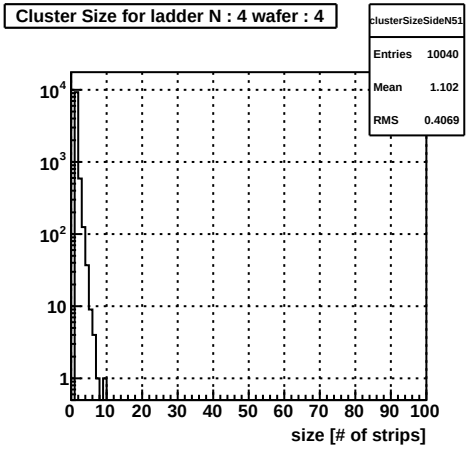

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 8621
Mean 1.226
RMS 0.6555
size [# of strips]

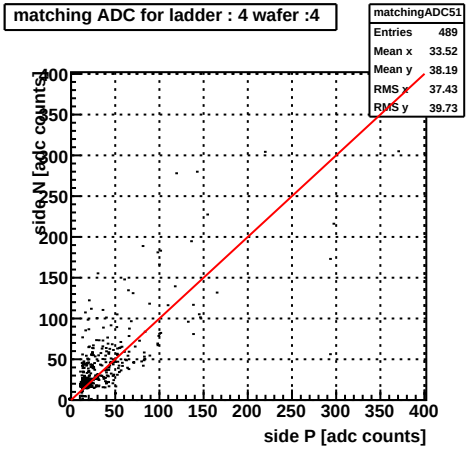

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 391
Mean x 66.55
Mean y 57.88
RMS x 60.26
RMS y 56.74
side N [adc counts]
side P [adc counts]

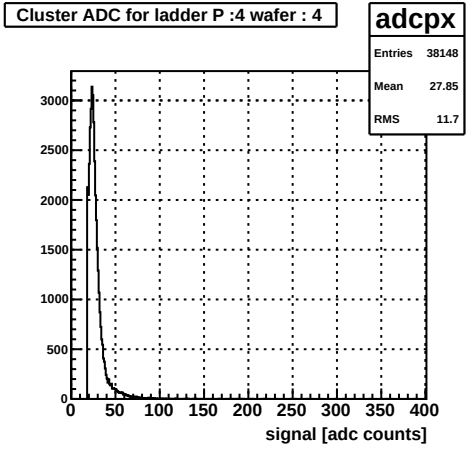

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 23579
Mean 27.68
RMS 16.74
signal [adc counts]

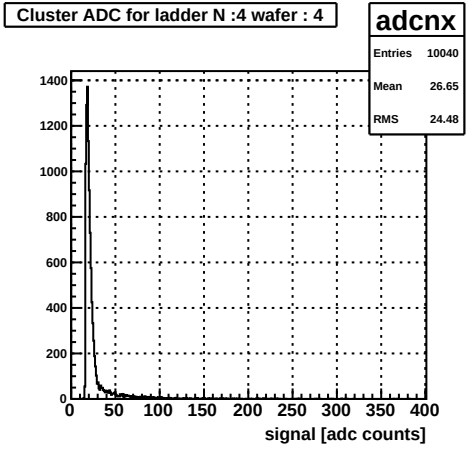

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 8621
Mean 30.56
RMS 31.71
signal [adc counts]

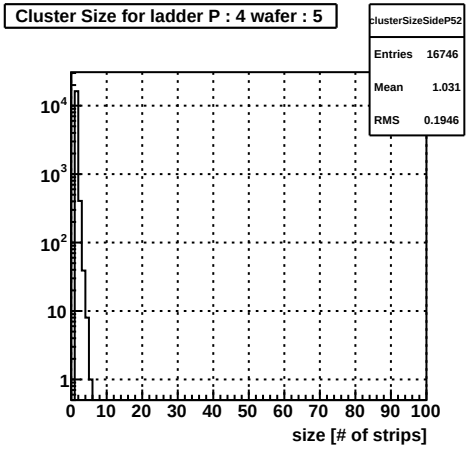

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 38148
Mean 1.041
RMS 0.2183
size [# of strips]

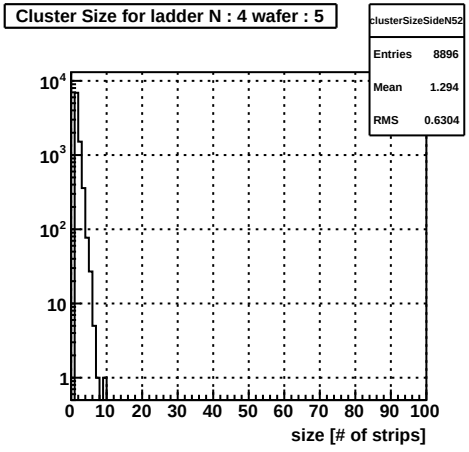

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 10040
Mean 1.102
RMS 0.4069
size [# of strips]

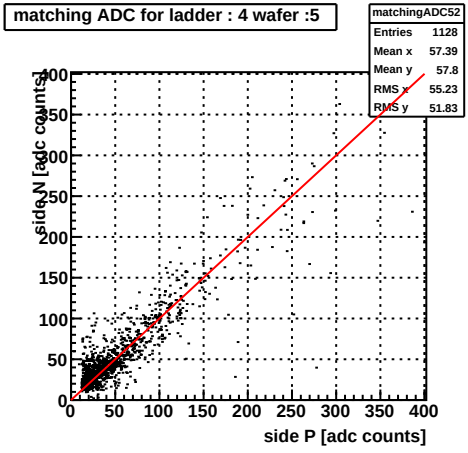

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 489
Mean x 33.52
Mean y 38.19
RMS x 37.43
RMS y 39.73
side N [adc counts]
side P [adc counts]

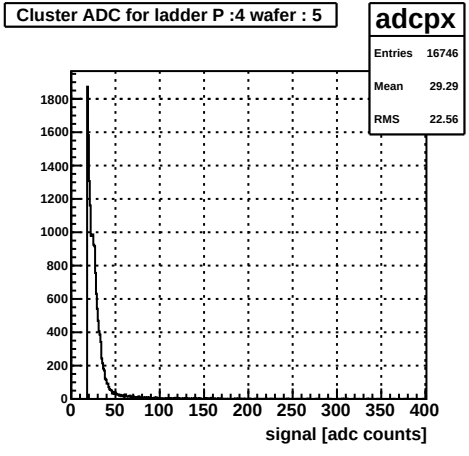

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 38148
Mean 27.85
RMS 11.7
signal [adc counts]

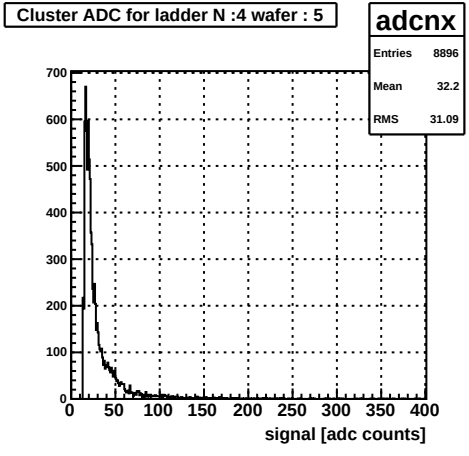

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 10040
Mean 26.65
RMS 24.48
signal [adc counts]

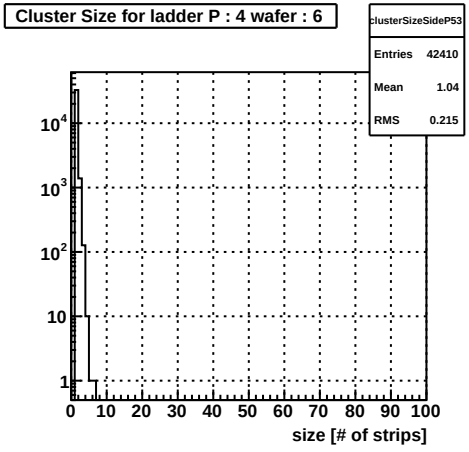

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 16746
Mean 1.031
RMS 0.1946
size [# of strips]

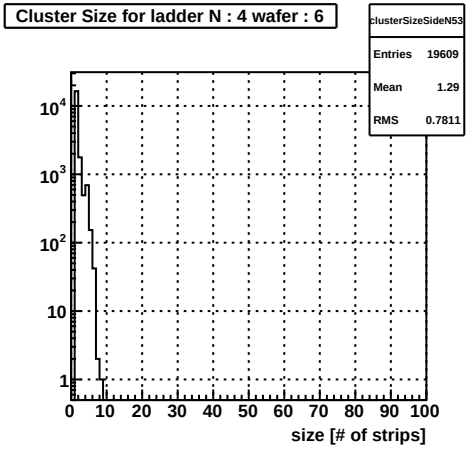

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 8896
Mean 1.294
RMS 0.6304
size [# of strips]

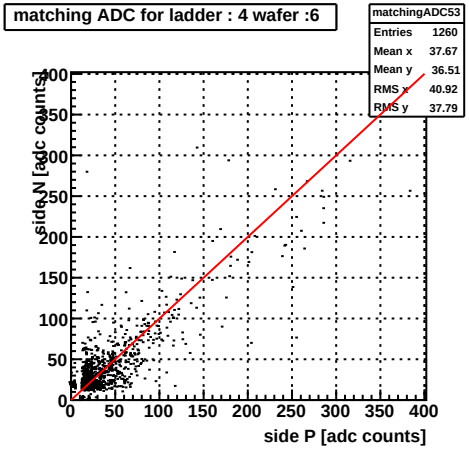

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 1128
Mean x 57.39
Mean y 57.8
RMS x 55.23
RMS y 51.83
side N [adc counts]
side P [adc counts]

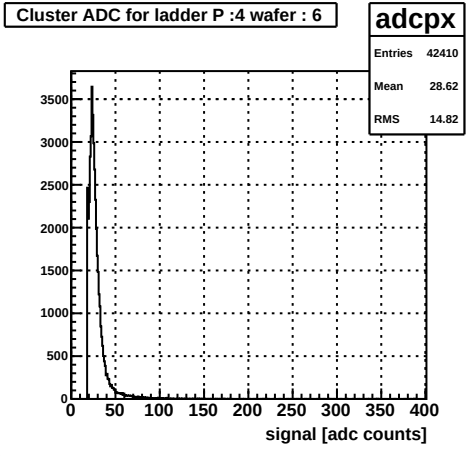

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 16746
Mean 29.29
RMS 22.56
signal [adc counts]

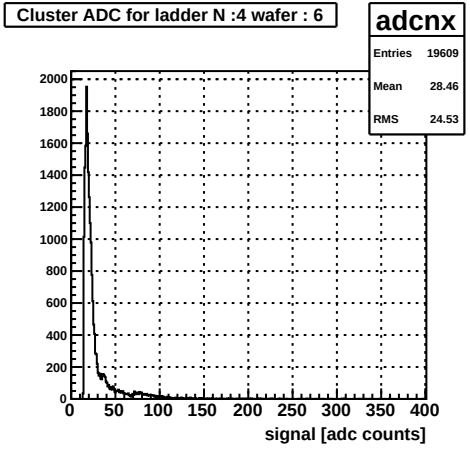

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 8896
Mean 32.2
RMS 31.09
signal [adc counts]

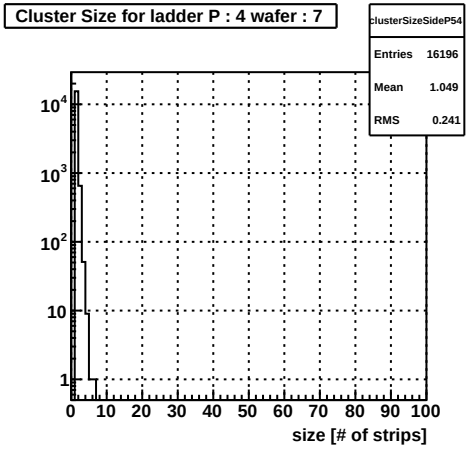

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 42410
Mean 1.04
RMS 0.215
size [# of strips]

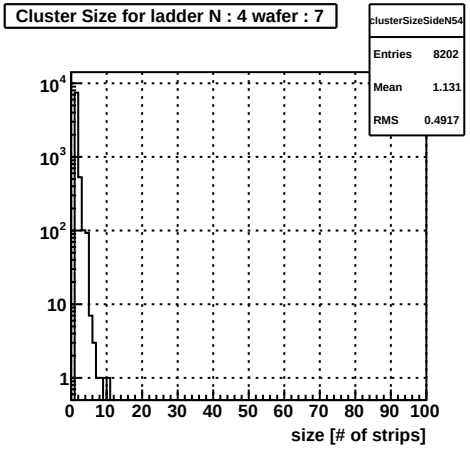

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 19609
Mean 1.29
RMS 0.7811
size [# of strips]

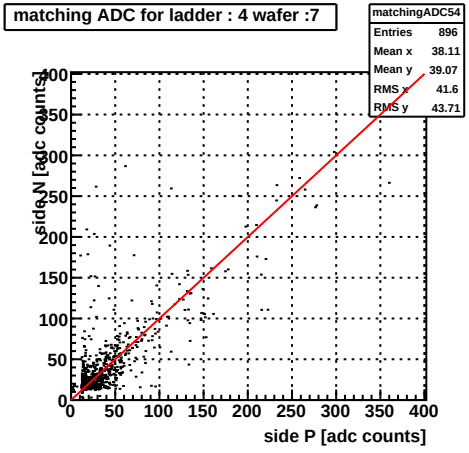

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 1260
Mean x 37.67
Mean y 36.51
RMS x 40.92
RMS y 37.79
side N [adc counts]
side P [adc counts]

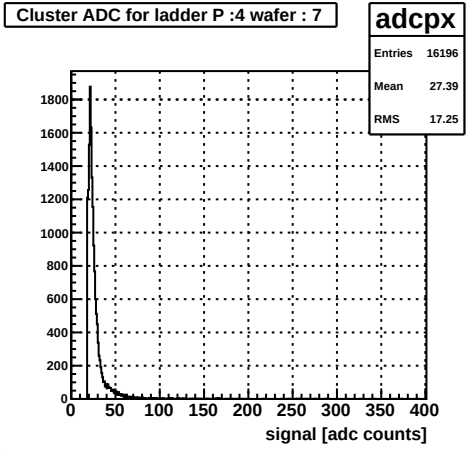

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 42410
Mean 28.62
RMS 14.82
signal [adc counts]

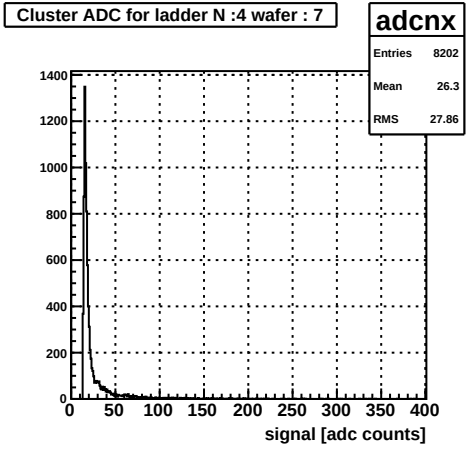

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 19609
Mean 28.46
RMS 24.53
signal [adc counts]

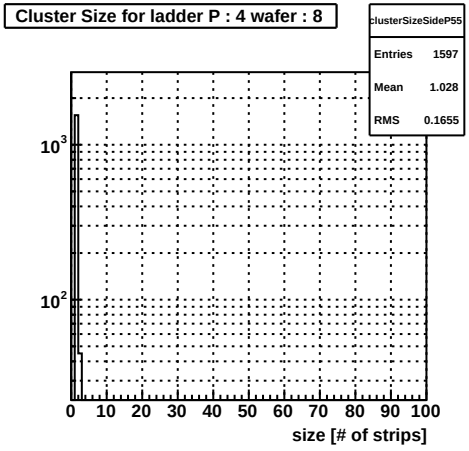

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 16196
Mean 1.049
RMS 0.241
size [# of strips]

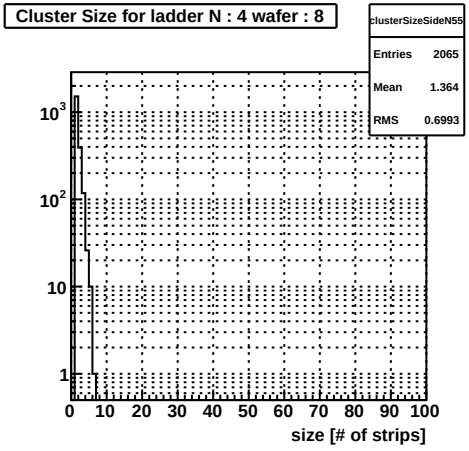

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 8202
Mean 1.131
RMS 0.4917
size [# of strips]

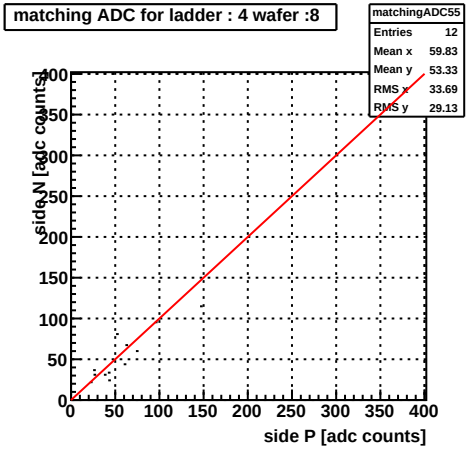

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 896
Mean x 38.11
Mean y 39.07
RMS x 41.6
RMS y 43.71
side N [adc counts]
side P [adc counts]

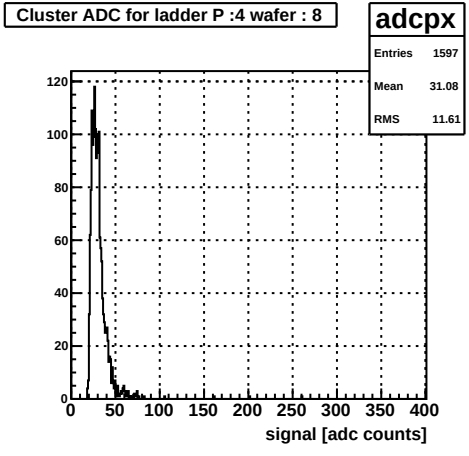

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 16196
Mean 27.39
RMS 17.25
signal [adc counts]

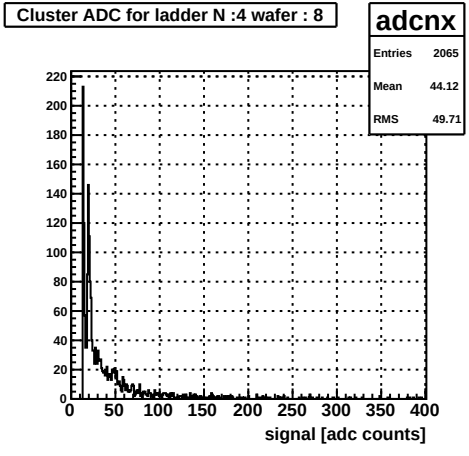

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 8202
Mean 26.3
RMS 27.86
signal [adc counts]

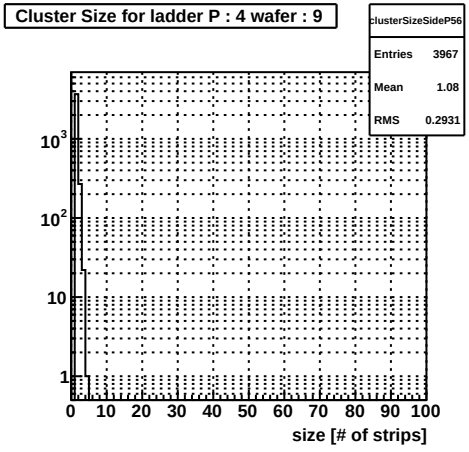

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 1597
Mean 1.028
RMS 0.1655
size [# of strips]

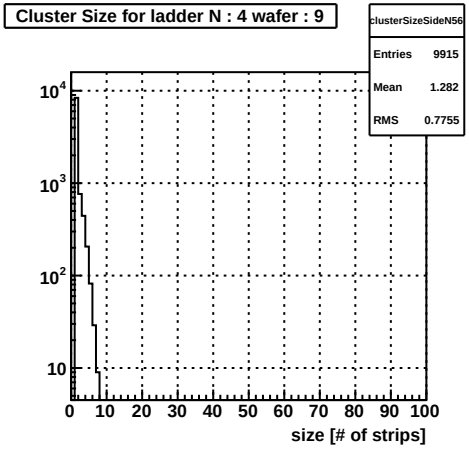

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 2065
Mean 1.364
RMS 0.6993
size [# of strips]

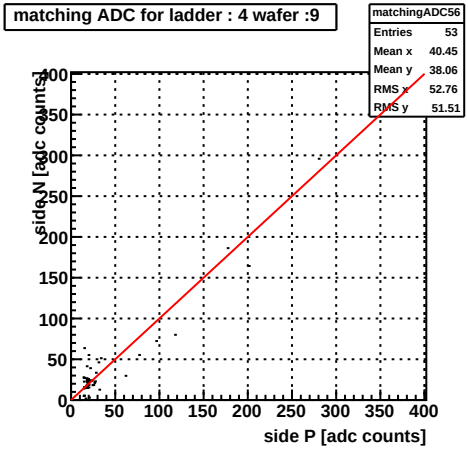

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 12
Mean x 59.83
Mean y 53.33
RMS x 33.69
RMS y 29.13
side N [adc counts]
side P [adc counts]

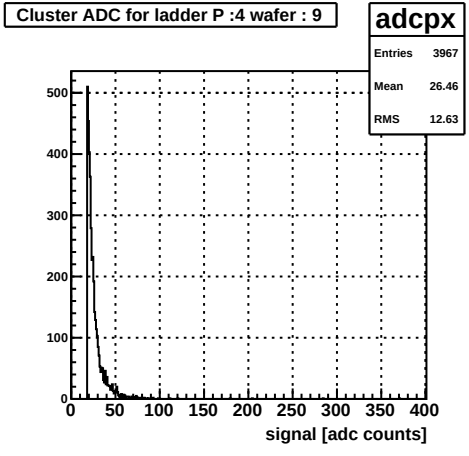

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 1597
Mean 31.08
RMS 11.61
signal [adc counts]

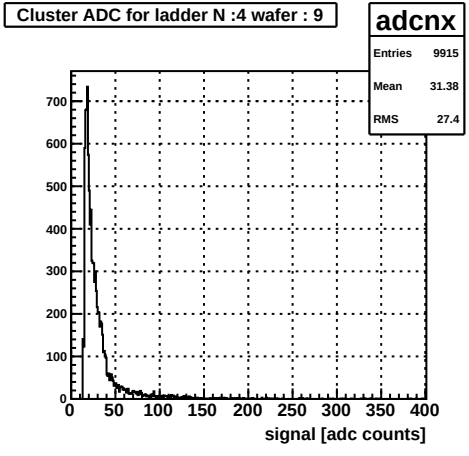

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 2065
Mean 44.12
RMS 49.71
signal [adc counts]

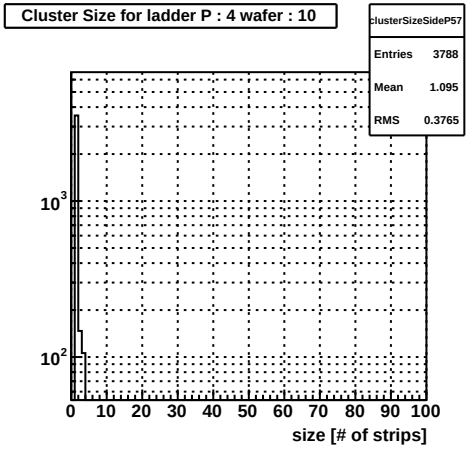

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 3967
Mean 1.08
RMS 0.2931
size [# of strips]

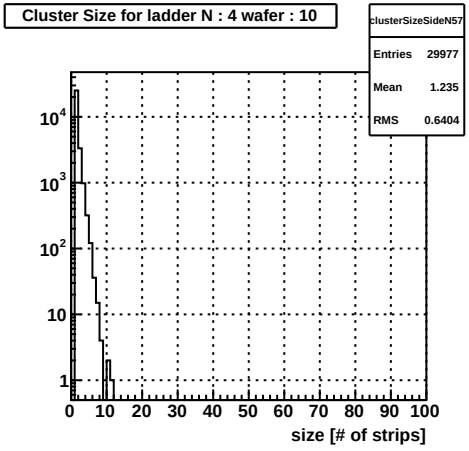

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 9915
Mean 1.282
RMS 0.7755
size [# of strips]

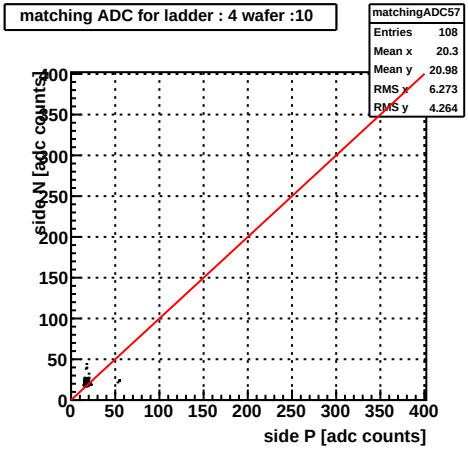

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 53
Mean x 40.45
Mean y 38.06
RMS x 52.76
RMS y 51.51
side N [adc counts]
side P [adc counts]

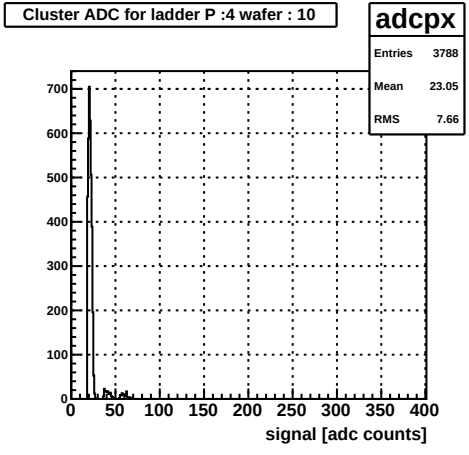

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 3967
Mean 26.46
RMS 12.63
signal [adc counts]

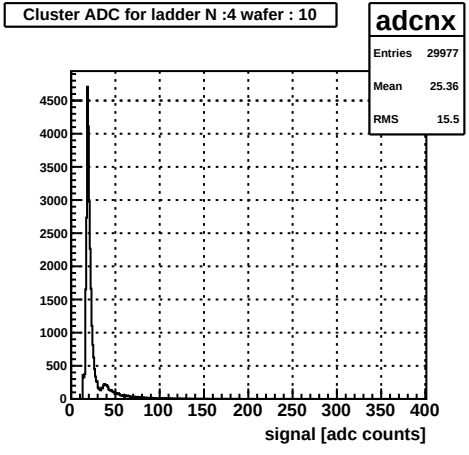

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 9915
Mean 31.38
RMS 27.4
signal [adc counts]

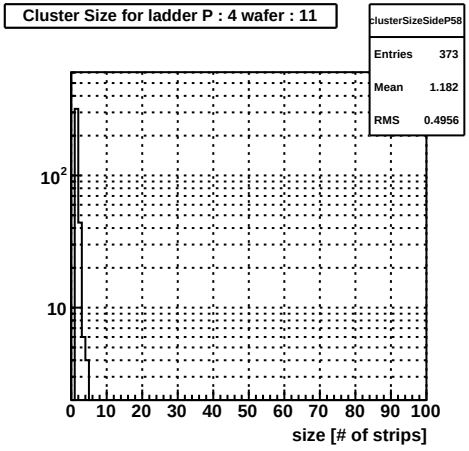

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 3788
Mean 1.095
RMS 0.3765
size [# of strips]

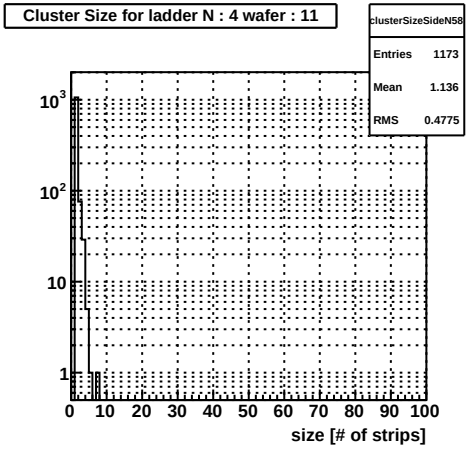

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 29977
Mean 1.235
RMS 0.6404
size [# of strips]

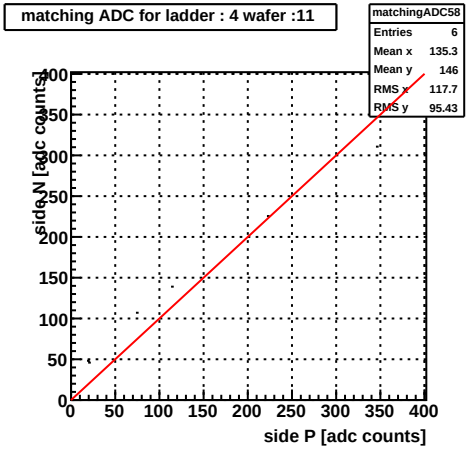

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 108
Mean x 20.3
Mean y 20.98
RMS x 6.273
RMS y 4.264
side N [adc counts]
side P [adc counts]

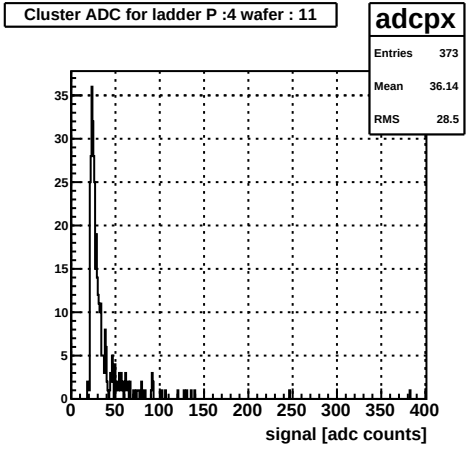

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 3788
Mean 23.05
RMS 7.66
signal [adc counts]

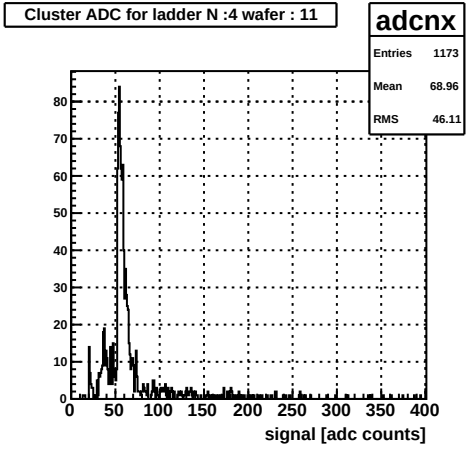

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 29977
Mean 25.36
RMS 15.5
signal [adc counts]

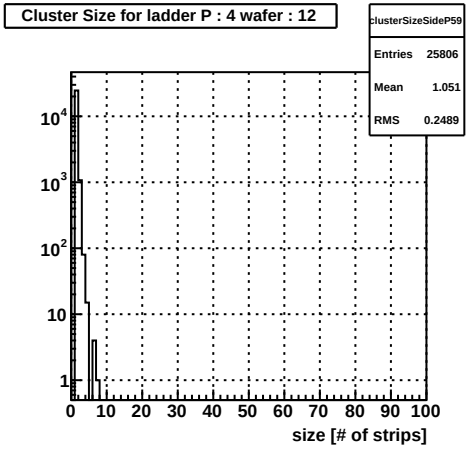

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 373
Mean 1.182
RMS 0.4956
size [# of strips]

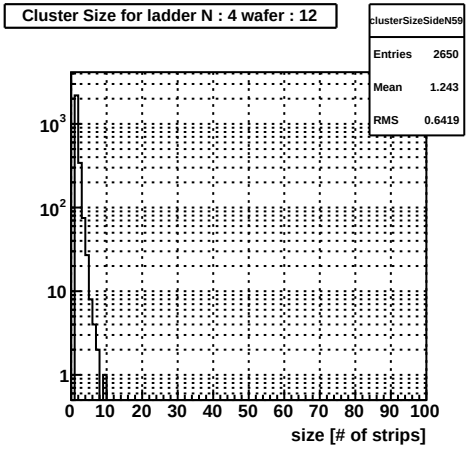

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 1173
Mean 1.136
RMS 0.4775
size [# of strips]

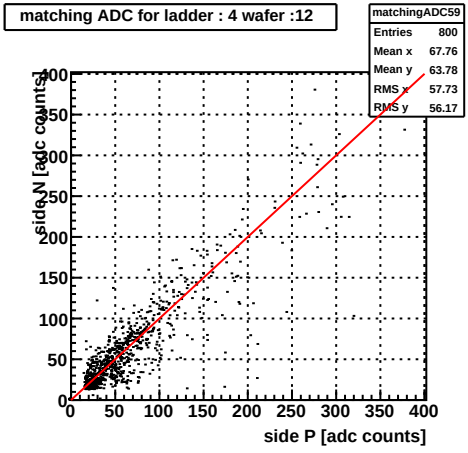

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 6
Mean x 135.3
Mean y 146
RMS x 117.7
RMS y 95.43
side N [adc counts]
side P [adc counts]

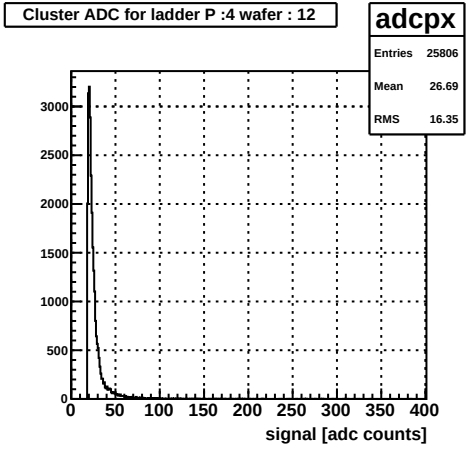

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 373
Mean 36.14
RMS 28.5
signal [adc counts]

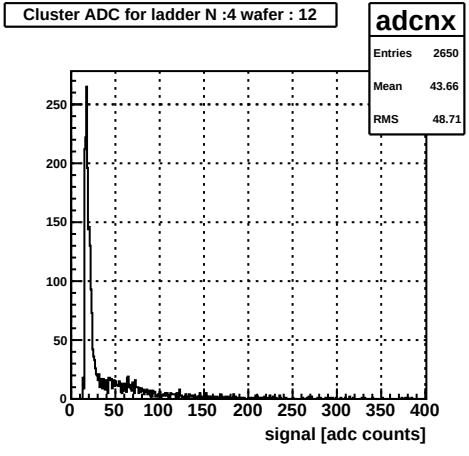

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 1173
Mean 68.96
RMS 46.11
signal [adc counts]

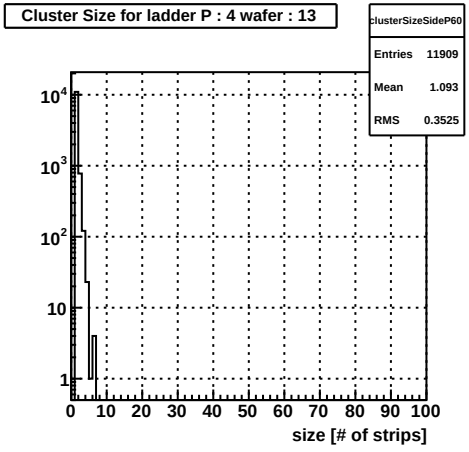

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 25806
Mean 1.051
RMS 0.2489
size [# of strips]

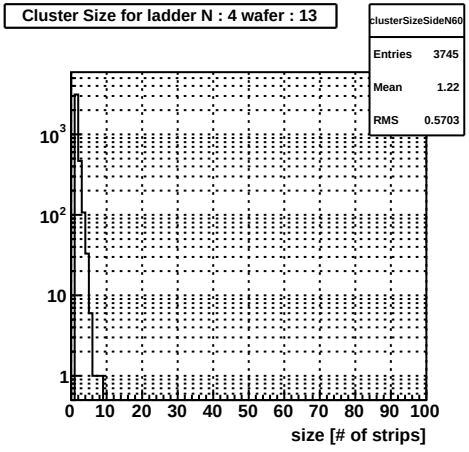

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 2650
Mean 1.243
RMS 0.6419
size [# of strips]

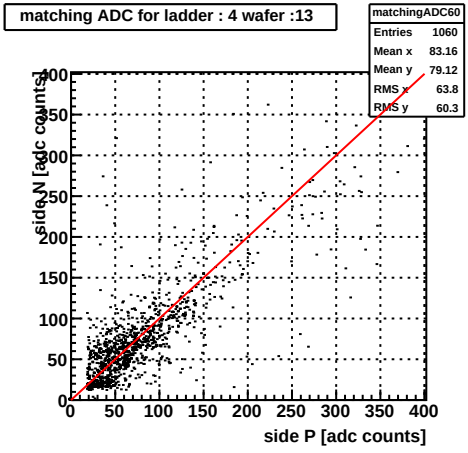

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 800
Mean x 67.76
Mean y 63.78
RMS x 57.73
RMS y 56.17
side N [adc counts]
side P [adc counts]

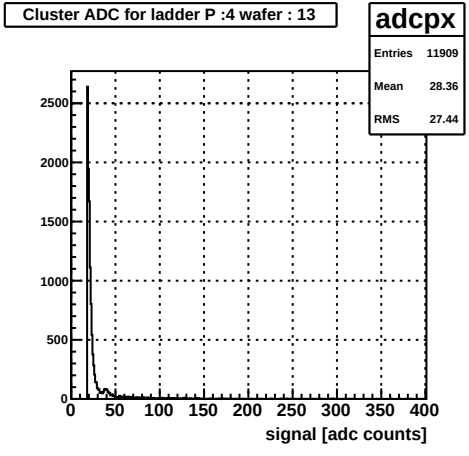

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 25806
Mean 26.69
RMS 16.35
signal [adc counts]

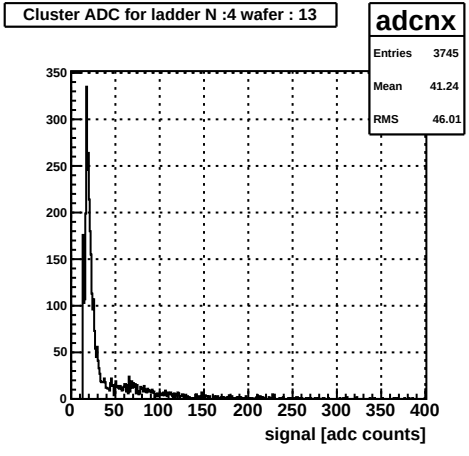

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 2650
Mean 43.66
RMS 48.71
signal [adc counts]

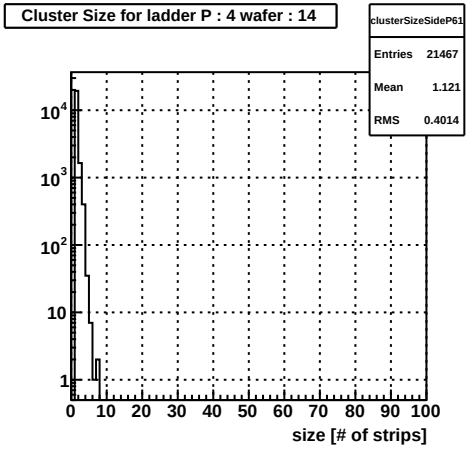

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 11909
Mean 1.093
RMS 0.3525
size [# of strips]

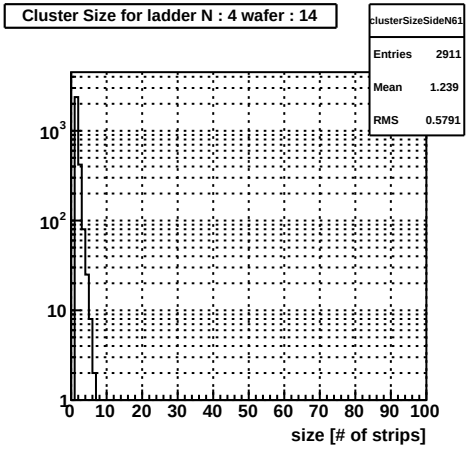

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 3745
Mean 1.22
RMS 0.5703
size [# of strips]

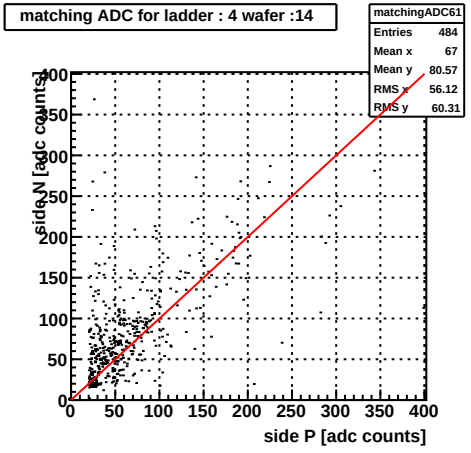

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 1060
Mean x 83.16
Mean y 79.12
RMS x 63.8
RMS y 60.3
side N [adc counts]
side P [adc counts]

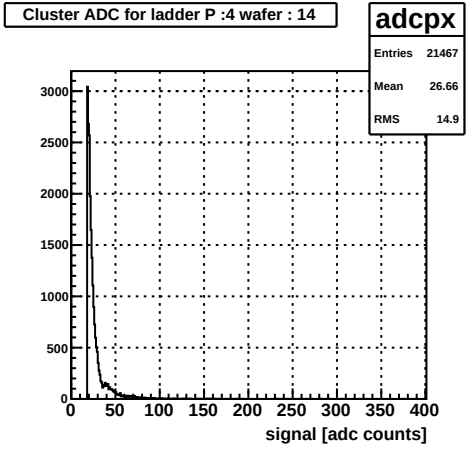

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 11909
Mean 28.36
RMS 27.44
signal [adc counts]

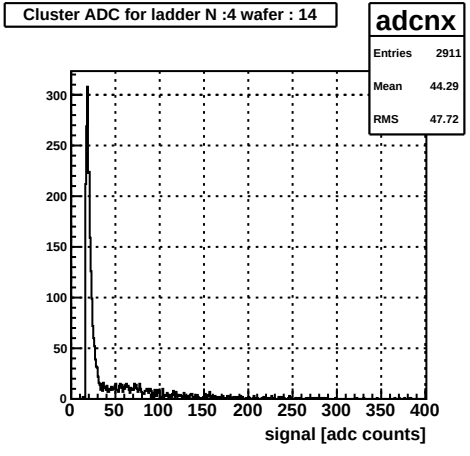

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 3745
Mean 41.24
RMS 46.01
signal [adc counts]

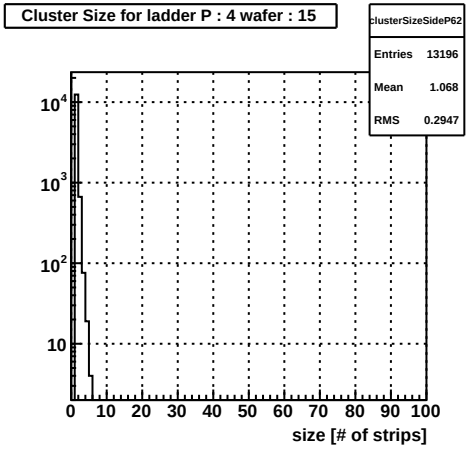

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 21467
Mean 1.121
RMS 0.4014
size [# of strips]

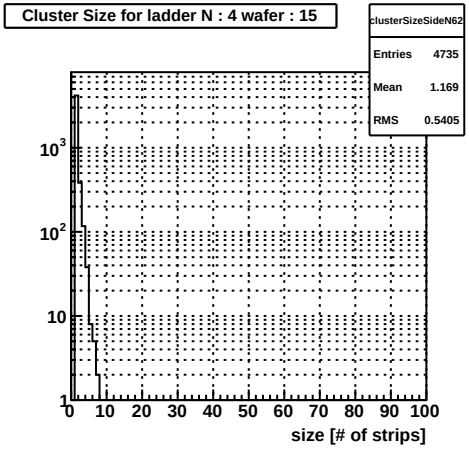

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 2911
Mean 1.239
RMS 0.5791
size [# of strips]

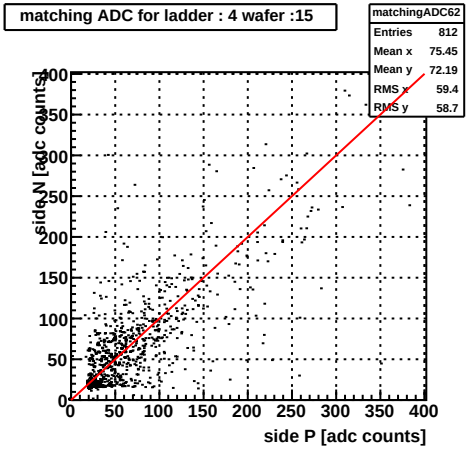

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 484
Mean x 67
Mean y 80.57
RMS x 56.12
RMS y 60.31
side N [adc counts]
side P [adc counts]

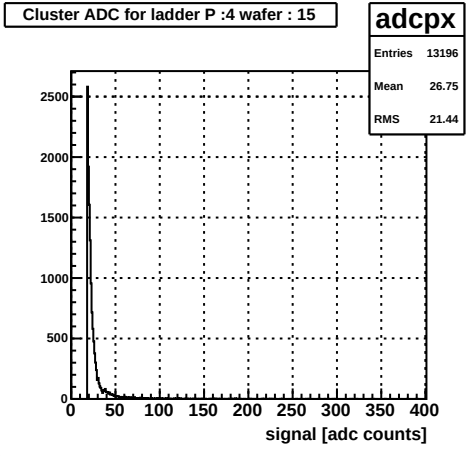

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 21467
Mean 26.66
RMS 14.9
signal [adc counts]

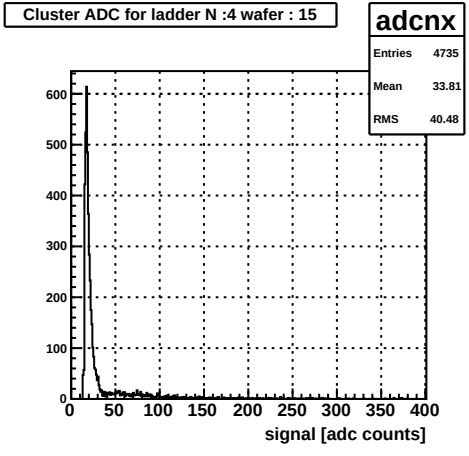

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 2911
Mean 44.29
RMS 47.72
signal [adc counts]

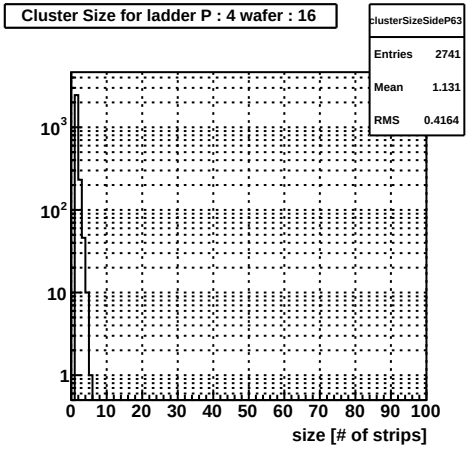

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 13196
Mean 1.068
RMS 0.2947
size [# of strips]

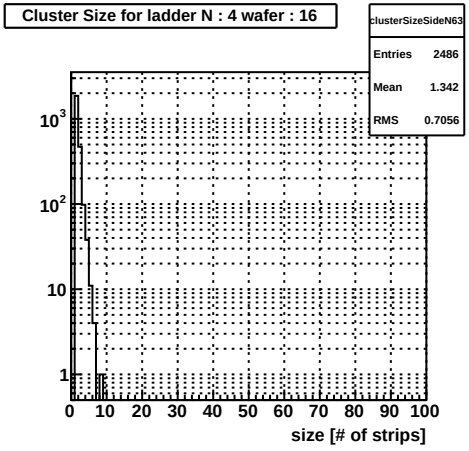

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 4735
Mean 1.169
RMS 0.5405
size [# of strips]

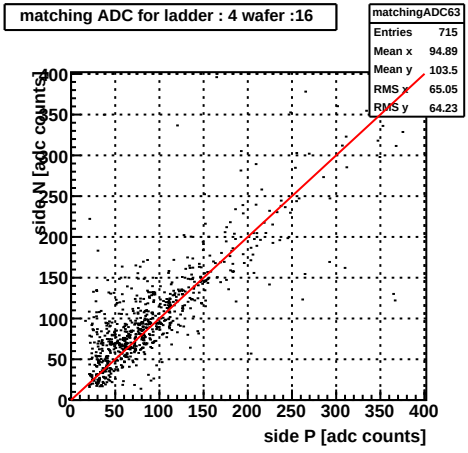

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 812
Mean x 75.45
Mean y 72.19
RMS x 59.4
RMS y 58.7
side N [adc counts]
side P [adc counts]

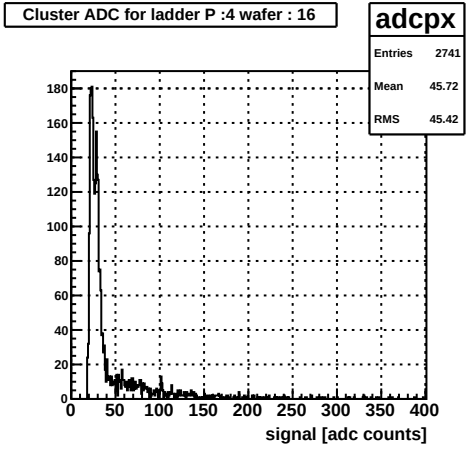

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 13196
Mean 26.75
RMS 21.44
signal [adc counts]

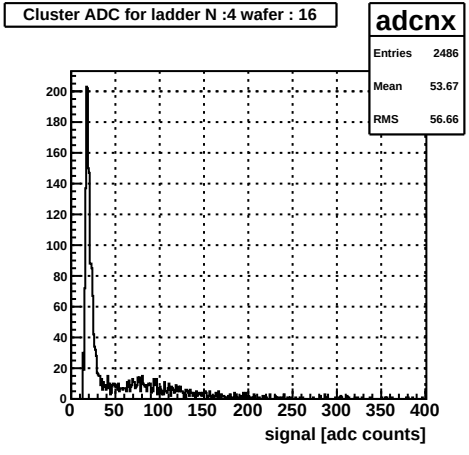

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 4735
Mean 33.81
RMS 40.48
signal [adc counts]

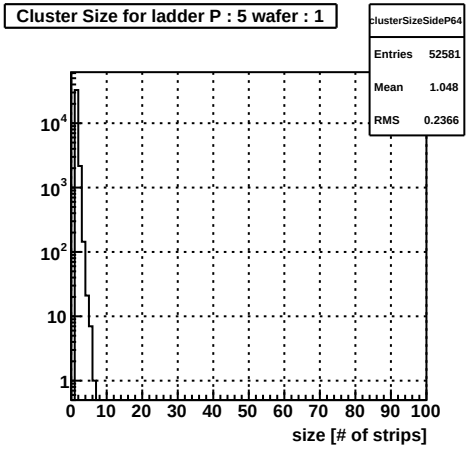

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 2741
Mean 1.131
RMS 0.4164
size [# of strips]

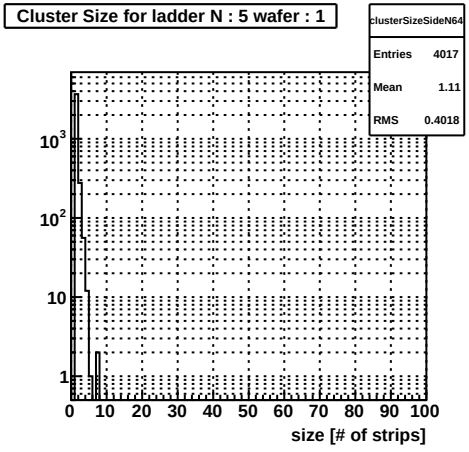

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 2486
Mean 1.342
RMS 0.7056
size [# of strips]

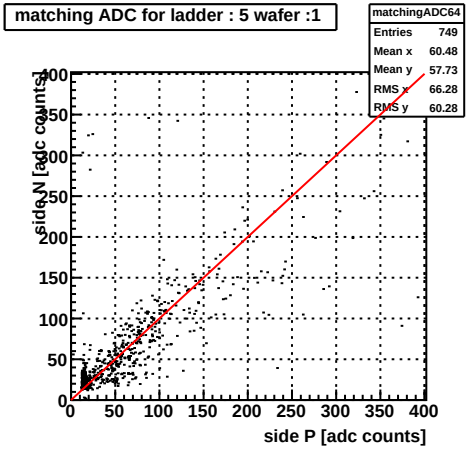

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 715
Mean x 94.89
Mean y 103.5
RMS x 65.05
RMS y 64.23
side N [adc counts]
side P [adc counts]

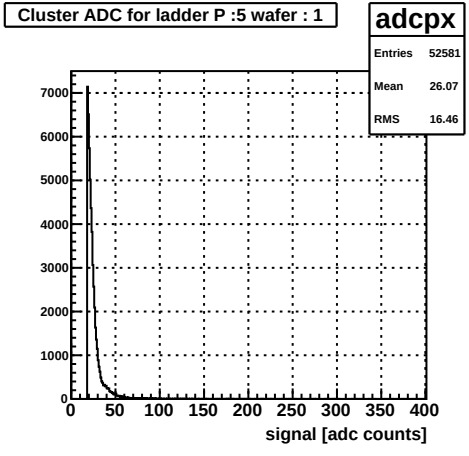

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 2741
Mean 45.72
RMS 45.42
signal [adc counts]

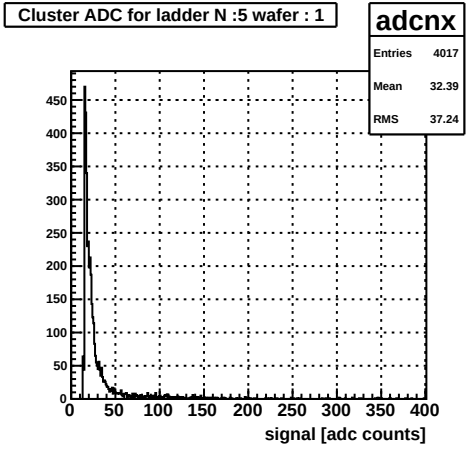

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 2486
Mean 53.67
RMS 56.66
signal [adc counts]

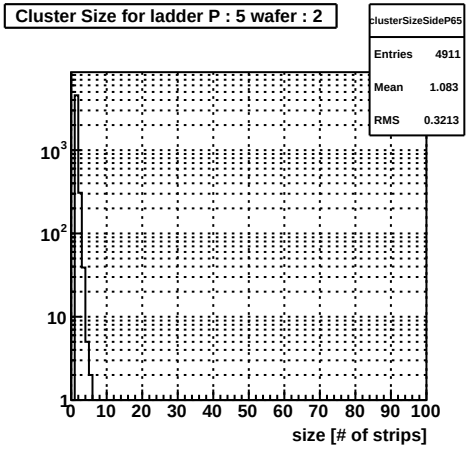

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 52581
Mean 1.048
RMS 0.2366
size [# of strips]

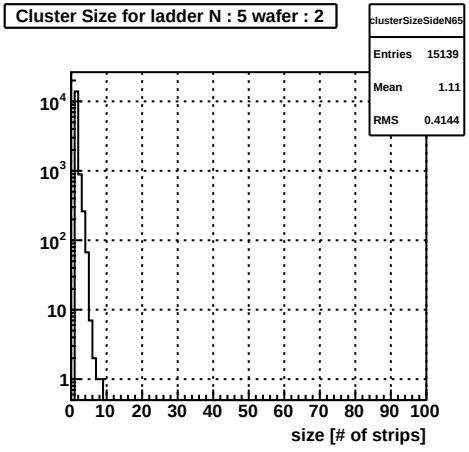

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 4017
Mean 1.11
RMS 0.4018
size [# of strips]

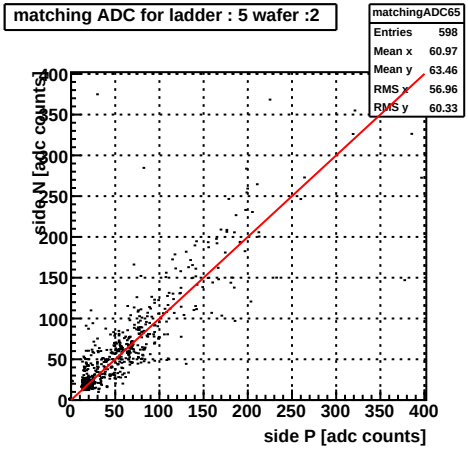

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 749
Mean x 60.48
Mean y 57.73
RMS x 66.28
RMS y 60.28
side N [adc counts]
side P [adc counts]

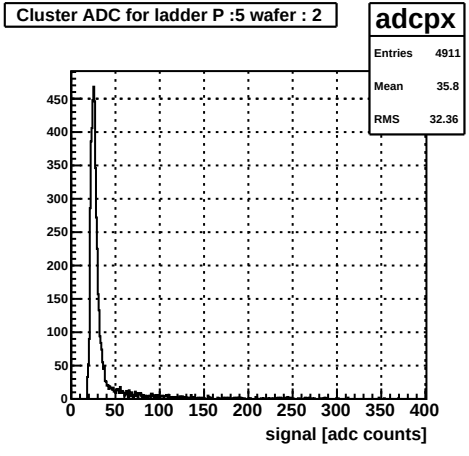

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 52581
Mean 26.07
RMS 16.46
signal [adc counts]

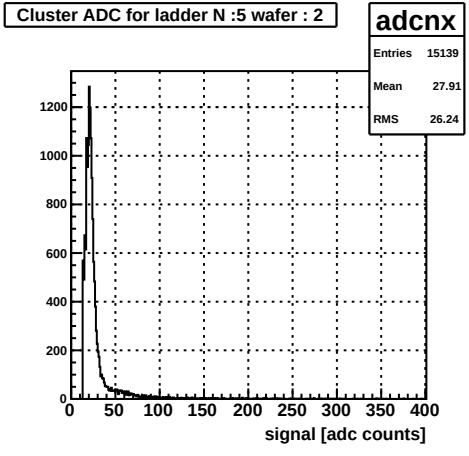

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 4017
Mean 32.39
RMS 37.24
signal [adc counts]

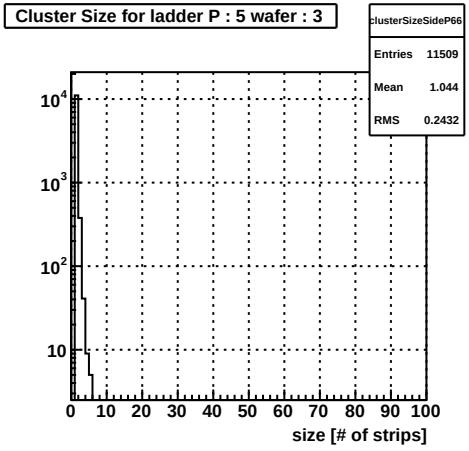

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 4911
Mean 1.083
RMS 0.3213
size [# of strips]

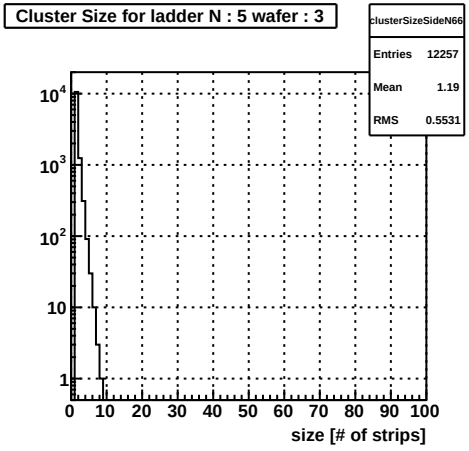

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 15139
Mean 1.11
RMS 0.4144
size [# of strips]

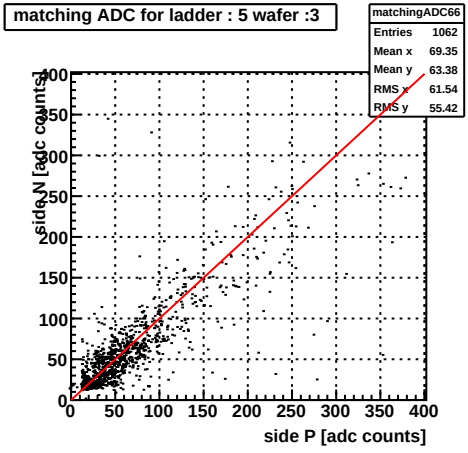

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 598
Mean x 60.97
Mean y 63.46
RMS x 56.96
RMS y 60.33
side N [adc counts]
side P [adc counts]

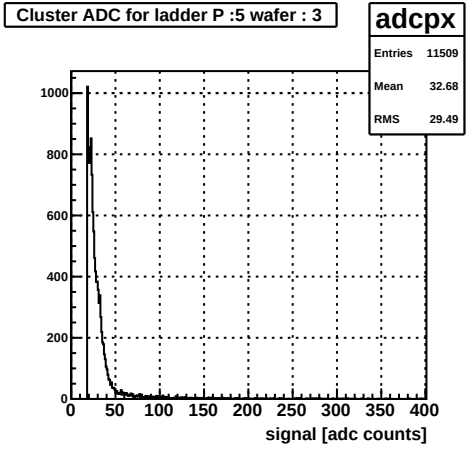

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 4911
Mean 35.8
RMS 32.36
signal [adc counts]

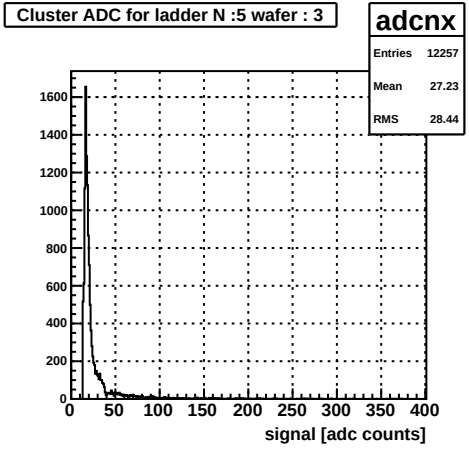

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 15139
Mean 27.91
RMS 26.24
signal [adc counts]

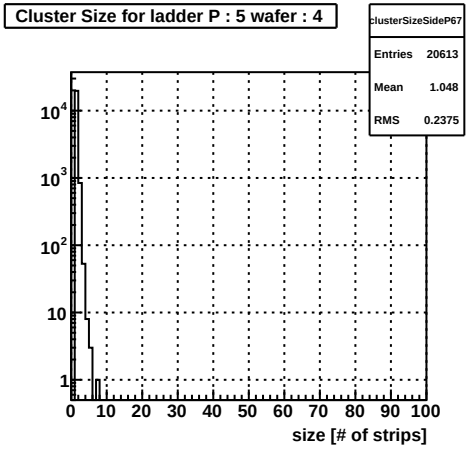

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 11509
Mean 1.044
RMS 0.2432
size [# of strips]

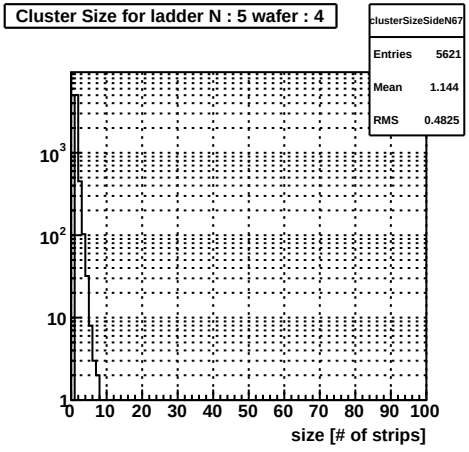

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 12257
Mean 1.19
RMS 0.5531
size [# of strips]

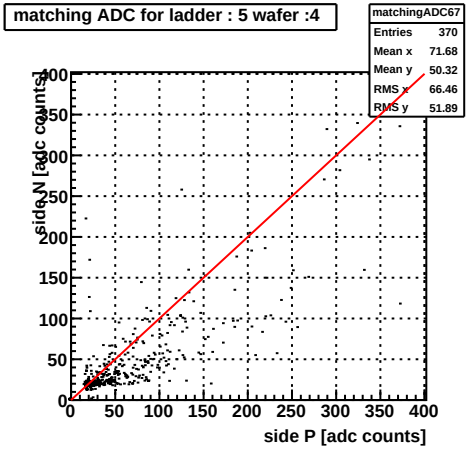

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 1062
Mean x 69.35
Mean y 63.38
RMS x 61.54
RMS y 55.42
side N [adc counts]
side P [adc counts]

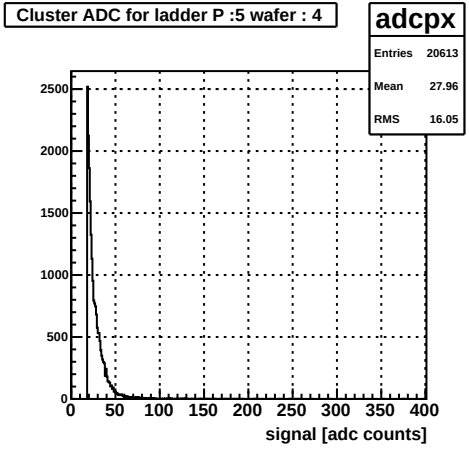

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 11509
Mean 32.68
RMS 29.49
signal [adc counts]

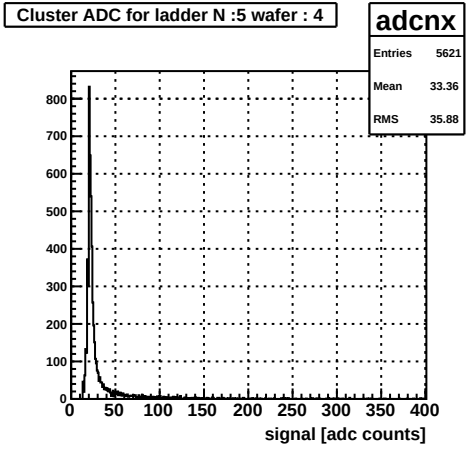

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 12257
Mean 27.23
RMS 28.44
signal [adc counts]

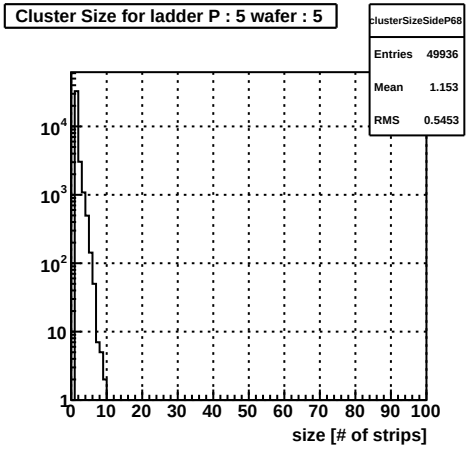

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 20613
Mean 1.048
RMS 0.2375
size [# of strips]

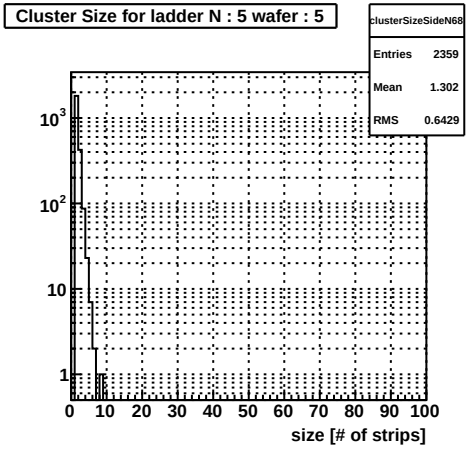

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 5621
Mean 1.144
RMS 0.4825
size [# of strips]

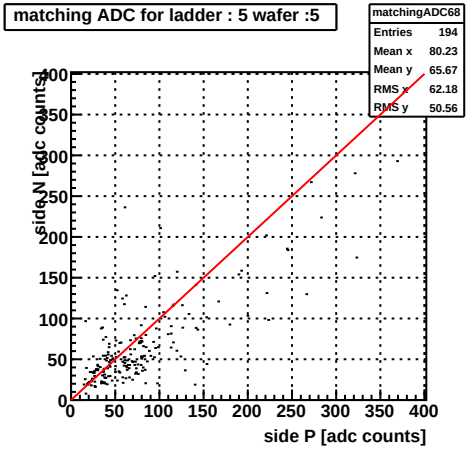

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 370
Mean x 71.68
Mean y 50.32
RMS x 66.46
RMS y 51.89
side N [adc counts]
side P [adc counts]

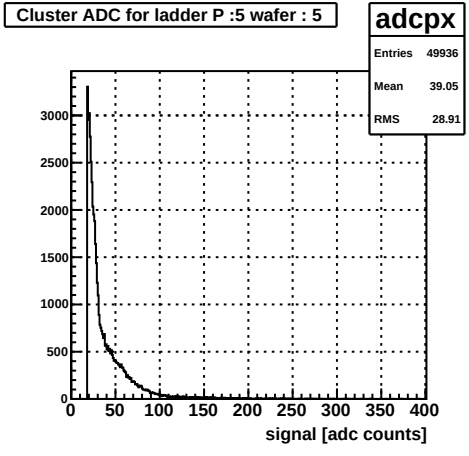

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 20613
Mean 27.96
RMS 16.05
signal [adc counts]

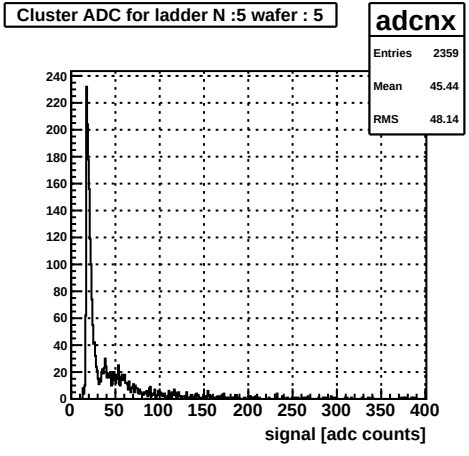

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 5621
Mean 33.36
RMS 35.88
signal [adc counts]

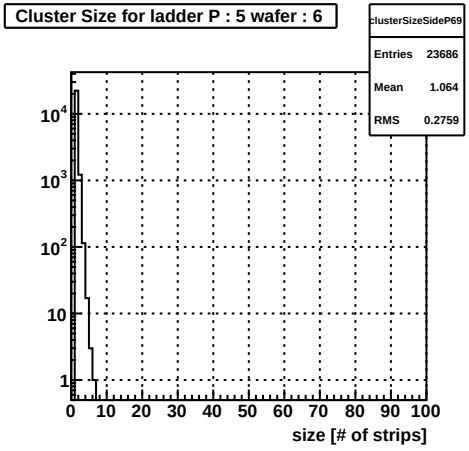

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 49936
Mean 1.153
RMS 0.5453
size [# of strips]

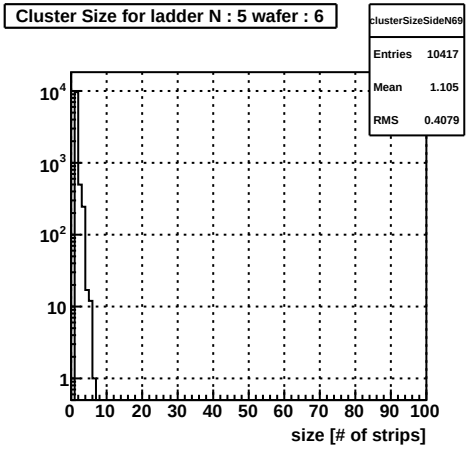

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 2359
Mean 1.302
RMS 0.6429
size [# of strips]

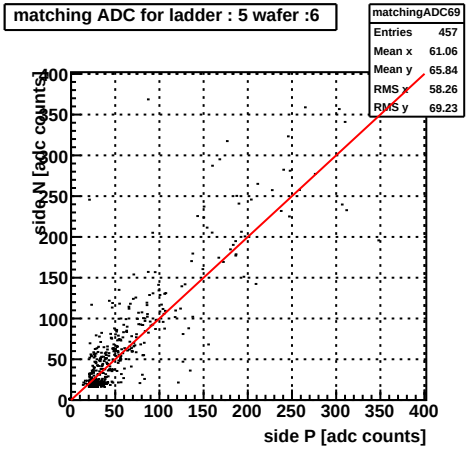

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 194
Mean x 80.23
Mean y 65.67
RMS x 62.18
RMS y 50.56
side N [adc counts]
side P [adc counts]

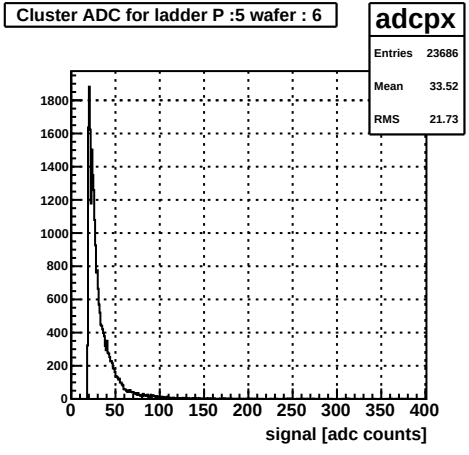

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 49936
Mean 39.05
RMS 28.91
signal [adc counts]

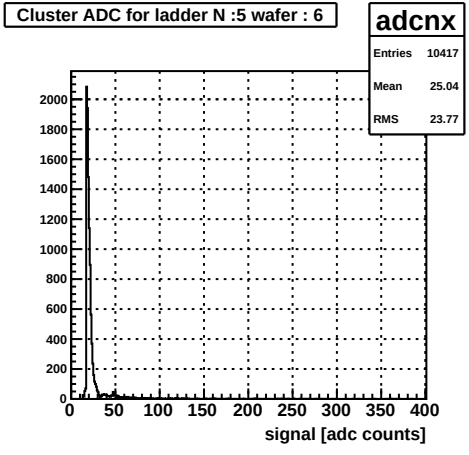

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 2359
Mean 45.44
RMS 48.14
signal [adc counts]

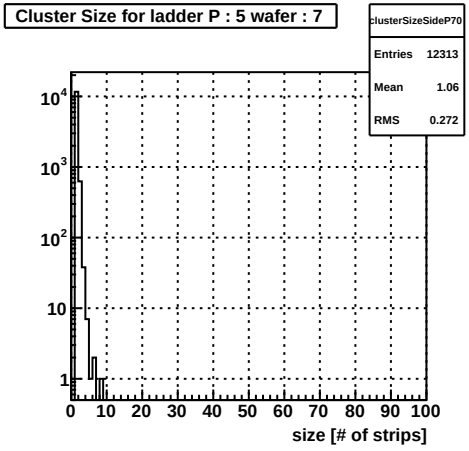

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 23686
Mean 1.064
RMS 0.2759
size [# of strips]

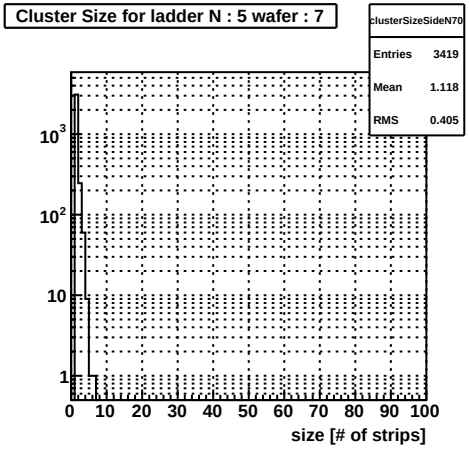

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 10417
Mean 1.105
RMS 0.4079
size [# of strips]

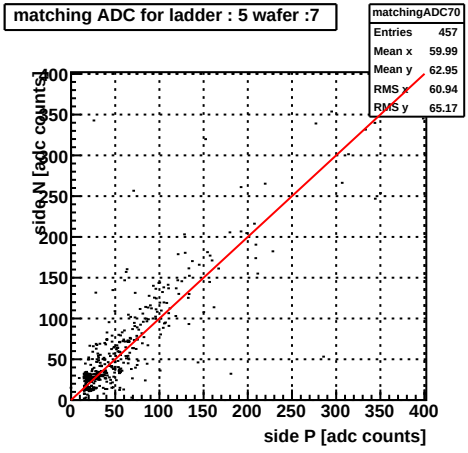

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 457
Mean x 61.06
Mean y 65.84
RMS x 58.26
RMS y 69.23
side N [adc counts]
side P [adc counts]

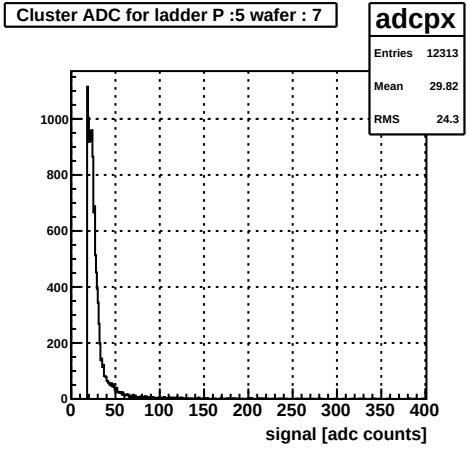

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 23686
Mean 33.52
RMS 21.73
signal [adc counts]

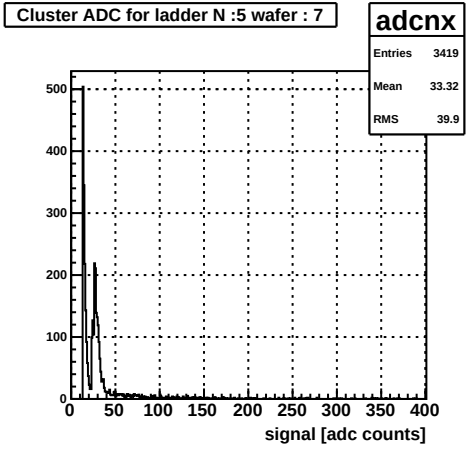

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 10417
Mean 25.04
RMS 23.77
signal [adc counts]

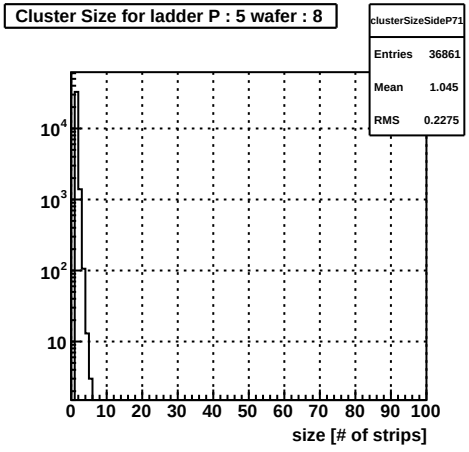

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 12313
Mean 1.06
RMS 0.272
size [# of strips]

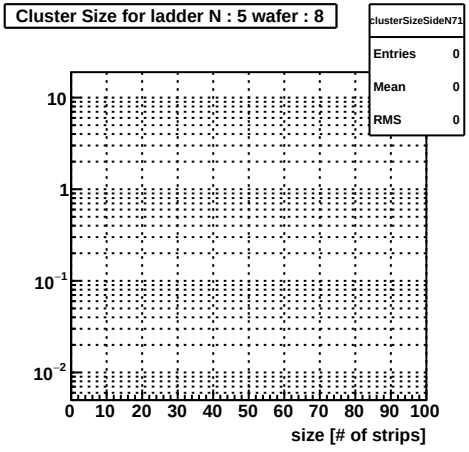

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 3419
Mean 1.118
RMS 0.405
size [# of strips]

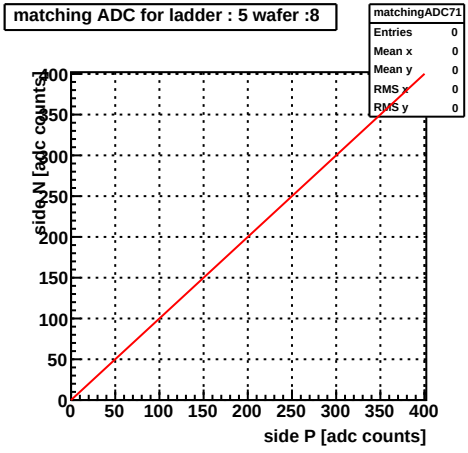

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 457
Mean x 59.99
Mean y 62.95
RMS x 60.94
RMS y 65.17
side N [adc counts]
side P [adc counts]

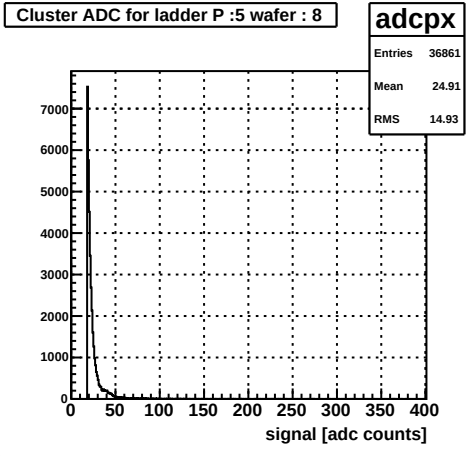

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 12313
Mean 29.82
RMS 24.3
signal [adc counts]

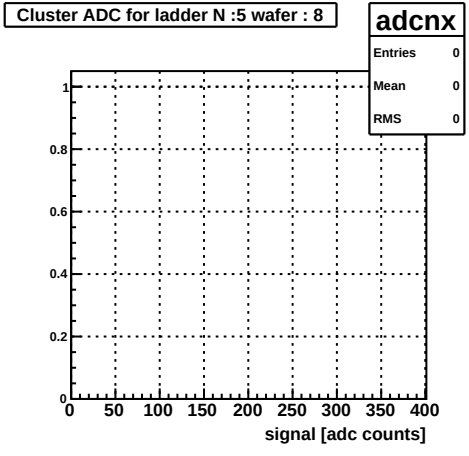

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 3419
Mean 33.32
RMS 39.9
signal [adc counts]

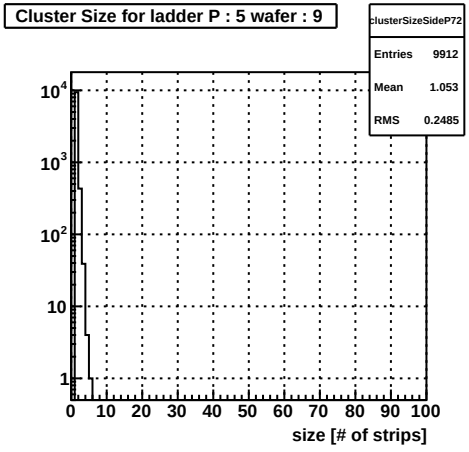

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 36861
Mean 1.045
RMS 0.2275
size [# of strips]

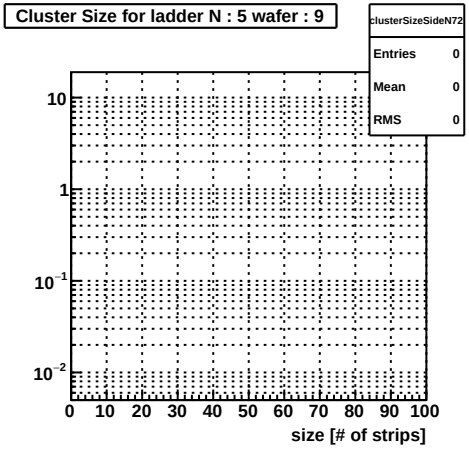

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

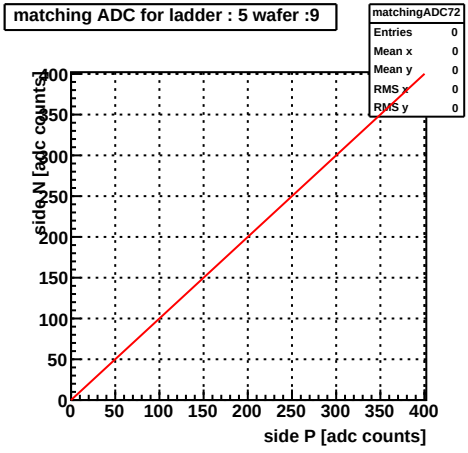

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

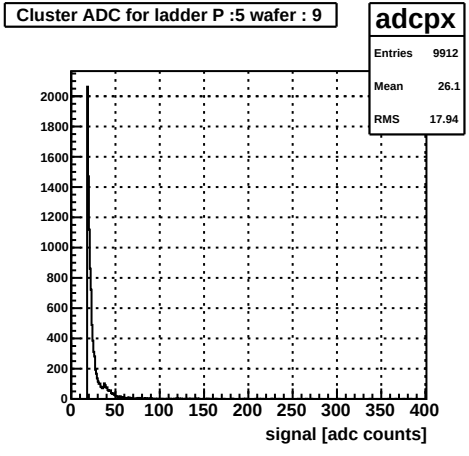

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 36861
Mean 24.91
RMS 14.93
signal [adc counts]

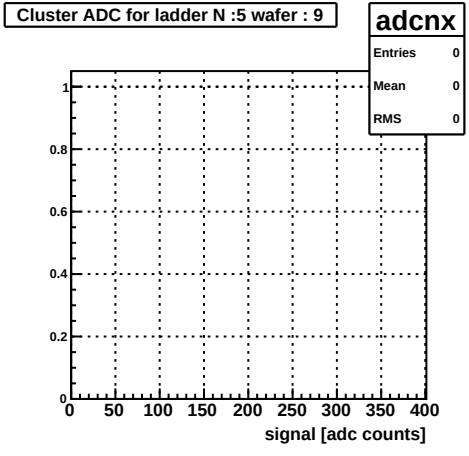

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

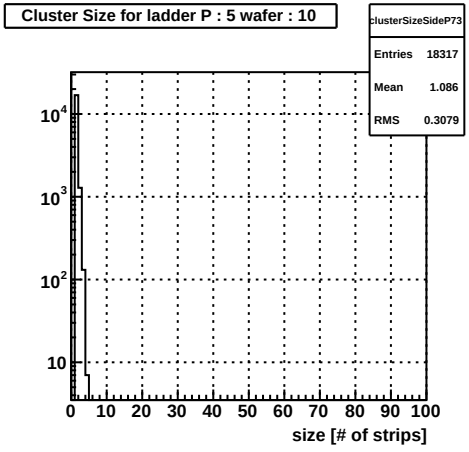

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 9912
Mean 1.053
RMS 0.2485
size [# of strips]

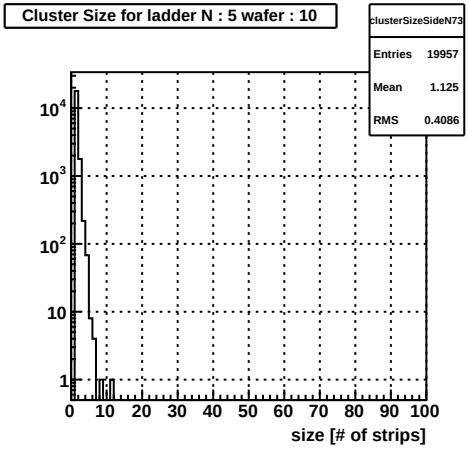

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

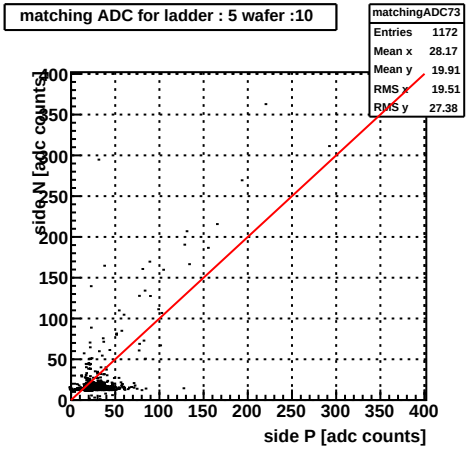

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

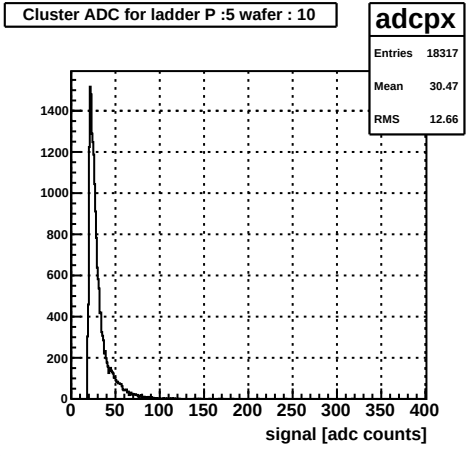

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 9912
Mean 26.1
RMS 17.94
signal [adc counts]

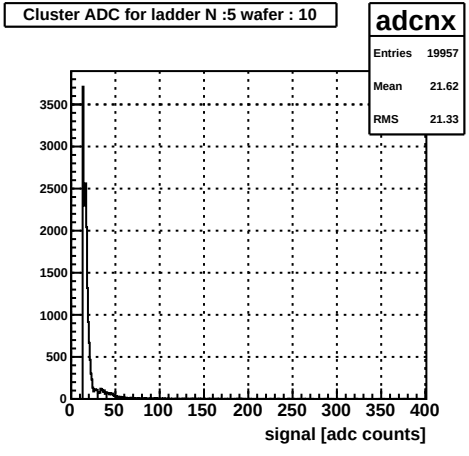

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

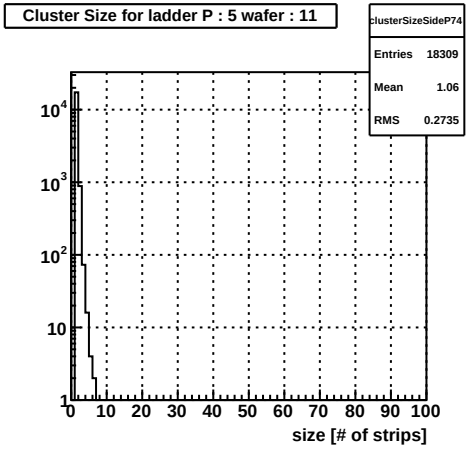

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 18317
Mean 1.086
RMS 0.3079
size [# of strips]

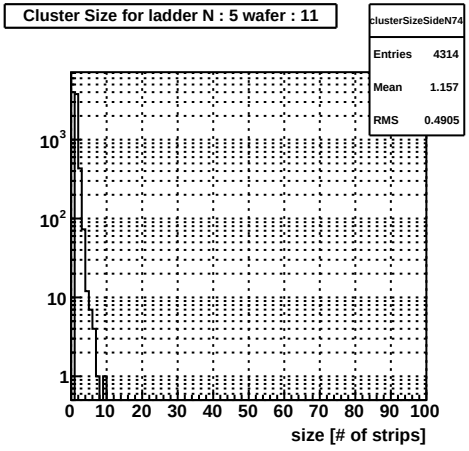

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 19957
Mean 1.125
RMS 0.4086
size [# of strips]

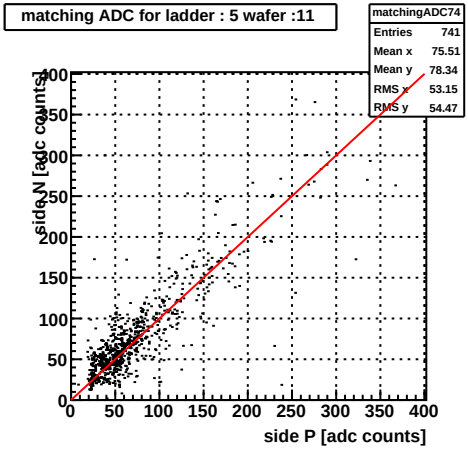

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 1172
Mean x 28.17
Mean y 19.91
RMS x 19.51
RMS y 27.38
side N [adc counts]
side P [adc counts]

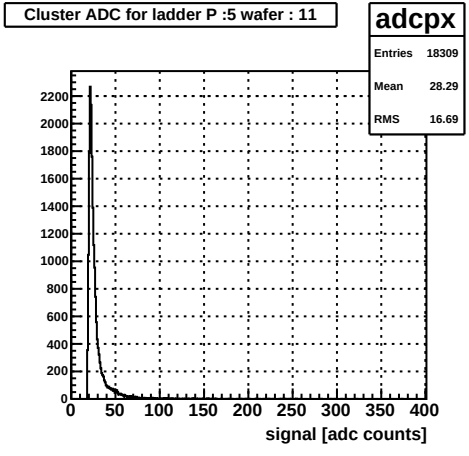

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 18317
Mean 30.47
RMS 12.66
signal [adc counts]

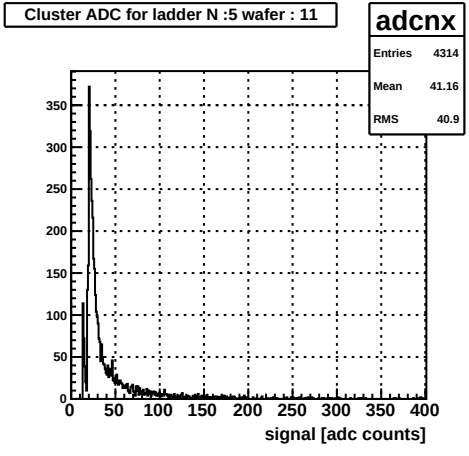

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 19957
Mean 21.62
RMS 21.33
signal [adc counts]

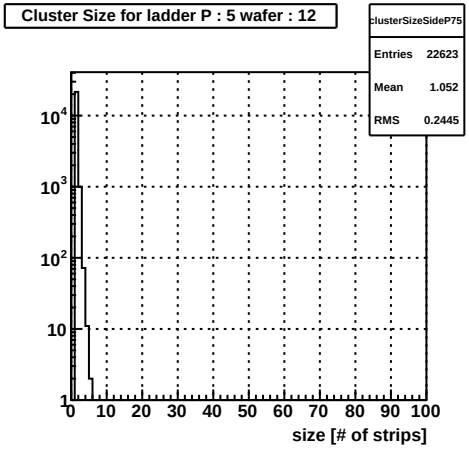

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 18309
Mean 1.06
RMS 0.2735
size [# of strips]

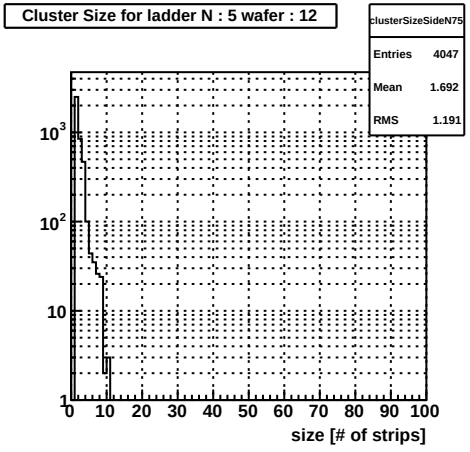

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 4314
Mean 1.157
RMS 0.4905
size [# of strips]

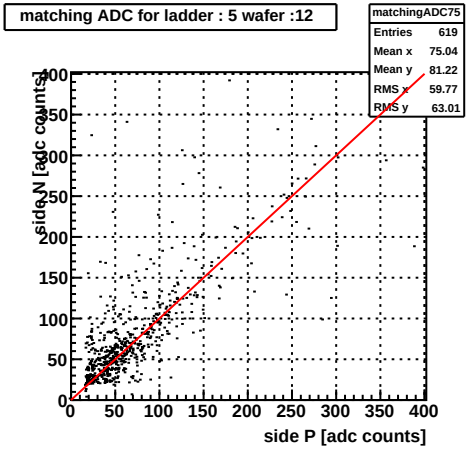

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 741
Mean x 75.51
Mean y 78.34
RMS x 53.15
RMS y 54.47
side N [adc counts]
side P [adc counts]

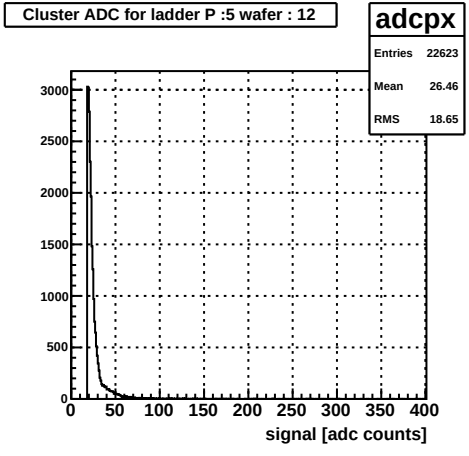

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 18309
Mean 28.29
RMS 16.69
signal [adc counts]

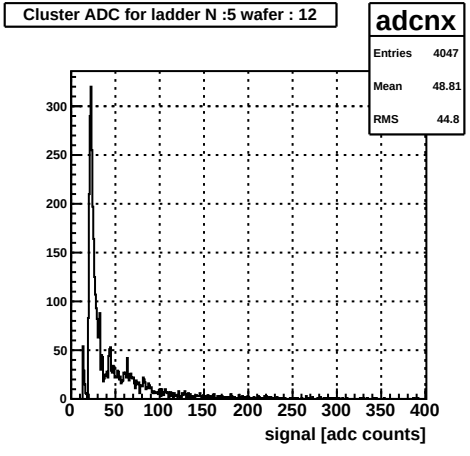

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 4314
Mean 41.16
RMS 40.9
signal [adc counts]

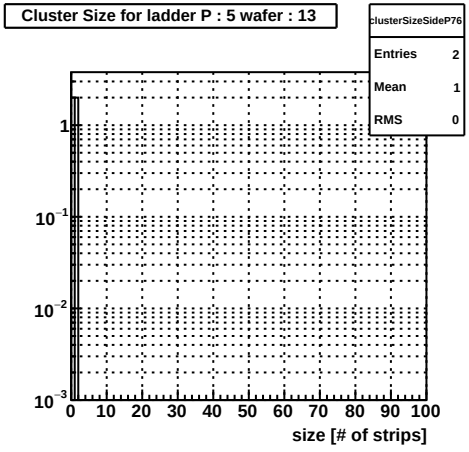

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 22623
Mean 1.052
RMS 0.2445
size [# of strips]

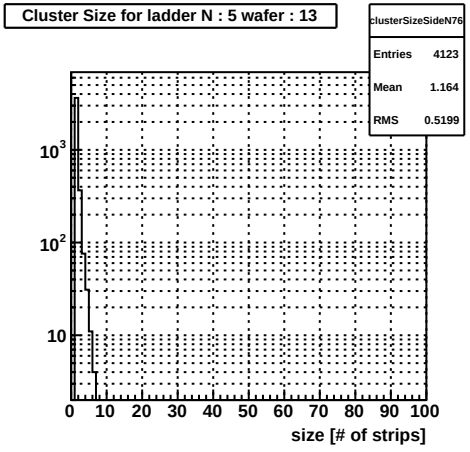

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 4047
Mean 1.692
RMS 1.191
size [# of strips]

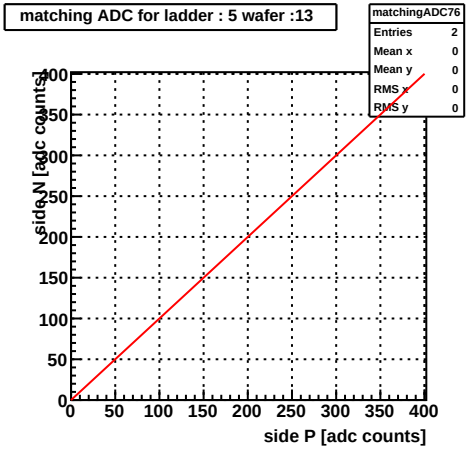

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 619
Mean x 75.04
Mean y 81.22
RMS x 59.77
RMS y 63.01
side N [adc counts]
side P [adc counts]

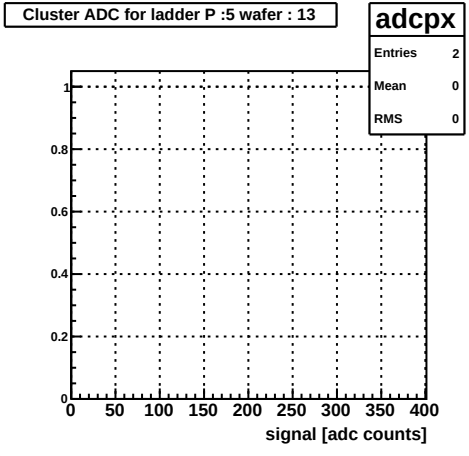

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 22623
Mean 26.46
RMS 18.65
signal [adc counts]

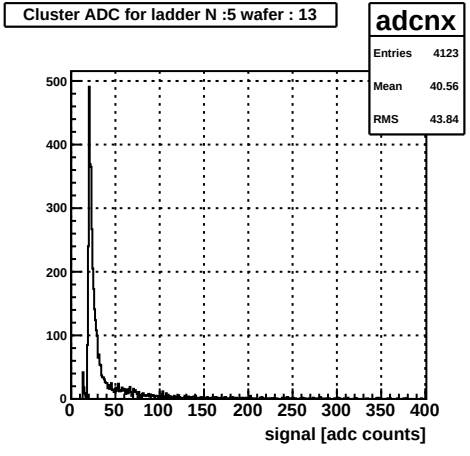

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 4047
Mean 48.81
RMS 44.8
signal [adc counts]

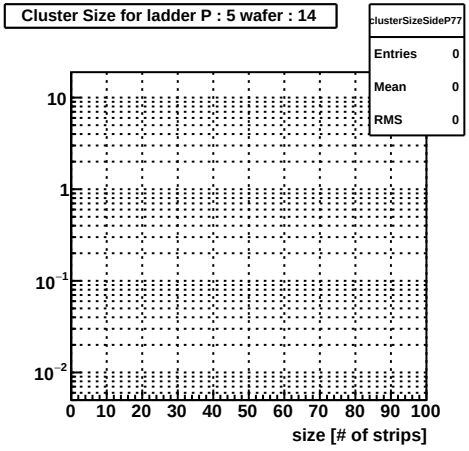

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 2
Mean 1
RMS 0
size [# of strips]

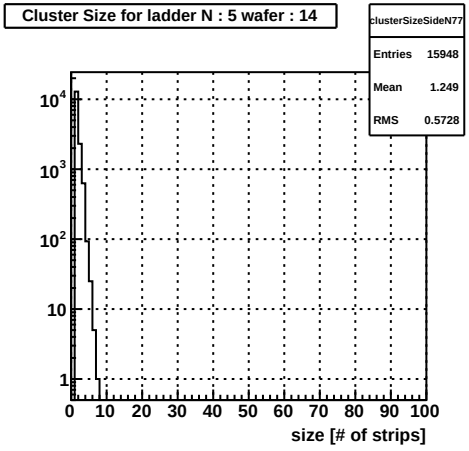

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 4123
Mean 1.164
RMS 0.5199
size [# of strips]

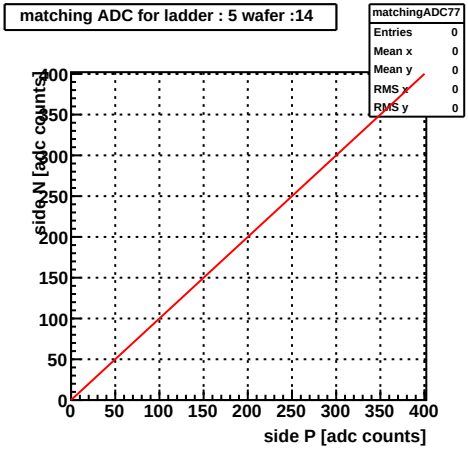

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

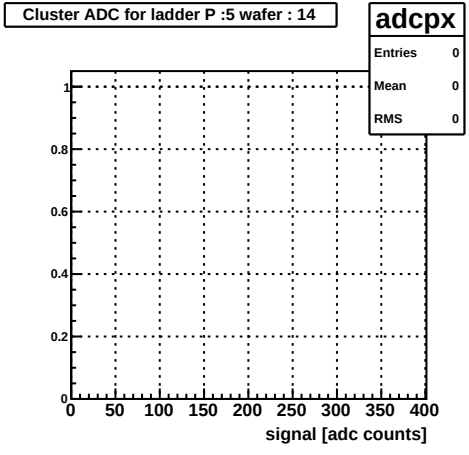

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

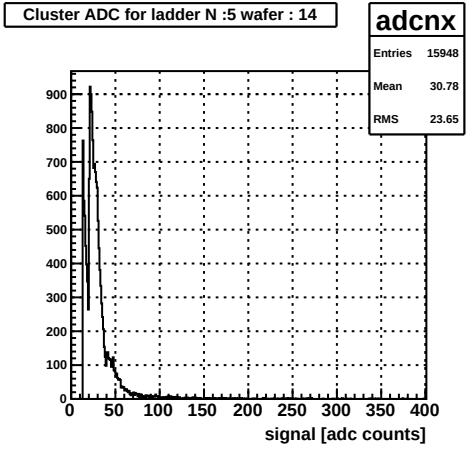

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 4123
Mean 40.56
RMS 43.84
signal [adc counts]

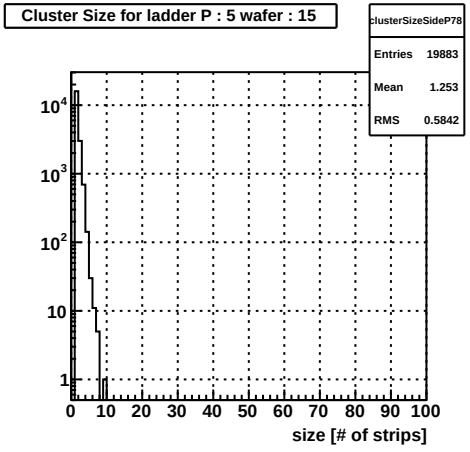

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

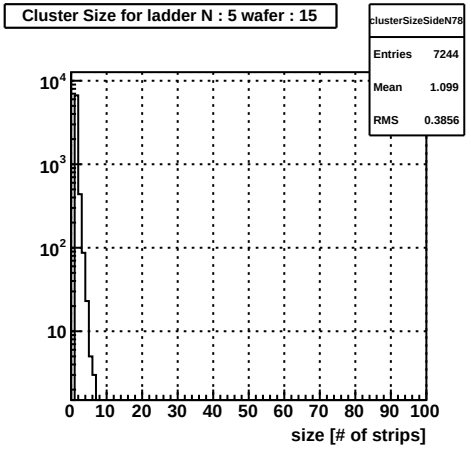

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 15948
Mean 1.249
RMS 0.5728
size [# of strips]

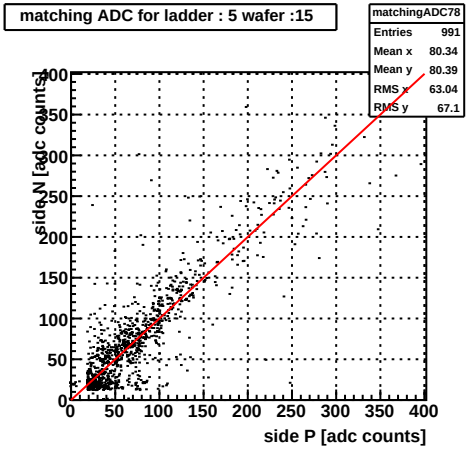

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

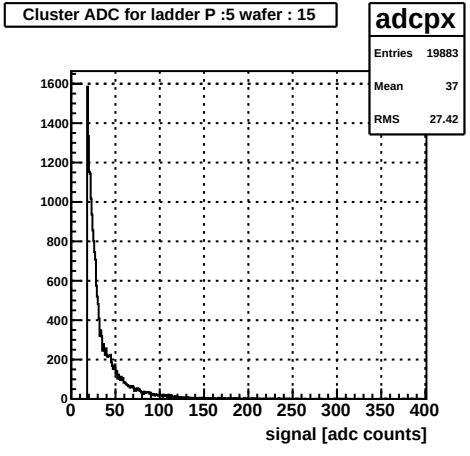

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

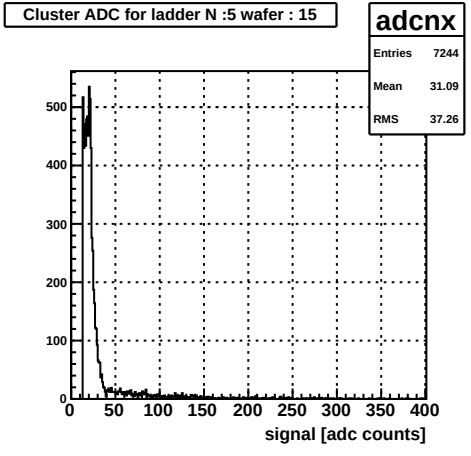

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 15948
Mean 30.78
RMS 23.65
signal [adc counts]

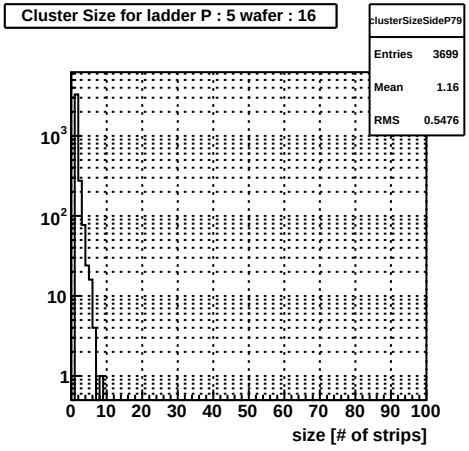

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 19883
Mean 1.253
RMS 0.5842
size [# of strips]

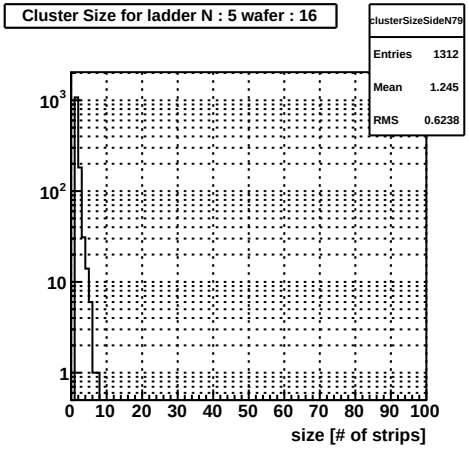

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 7244
Mean 1.099
RMS 0.3856
size [# of strips]

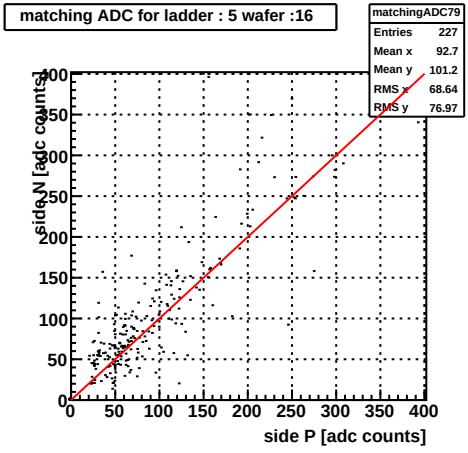

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 991
Mean x 80.34
Mean y 80.39
RMS x 63.04
RMS y 67.1
side N [adc counts]
side P [adc counts]

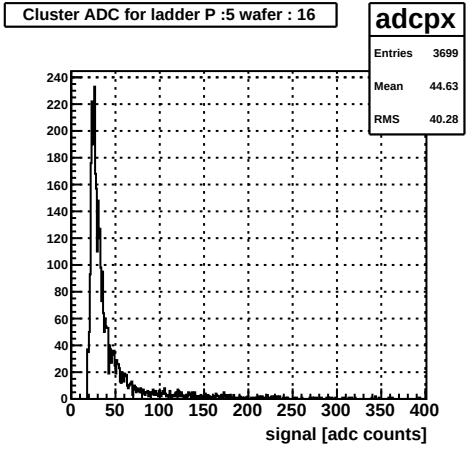

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 19883
Mean 37
RMS 27.42
signal [adc counts]

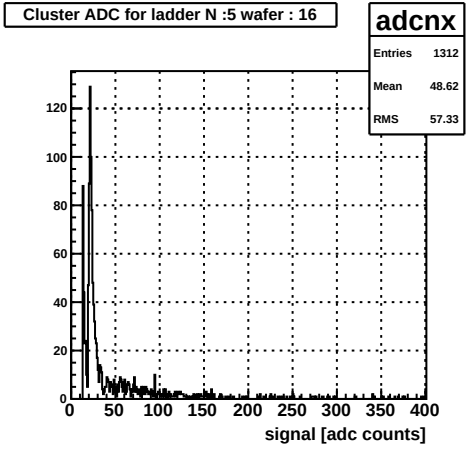

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 7244
Mean 31.09
RMS 37.26
signal [adc counts]

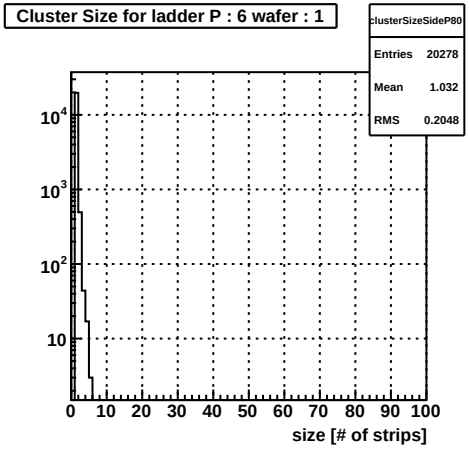

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 3699
Mean 1.16
RMS 0.5476
size [# of strips]

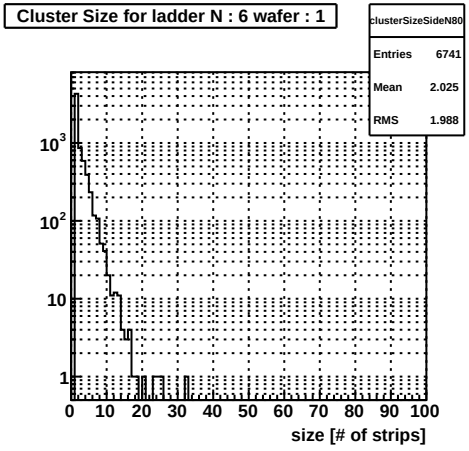

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 1312
Mean 1.245
RMS 0.6238
size [# of strips]

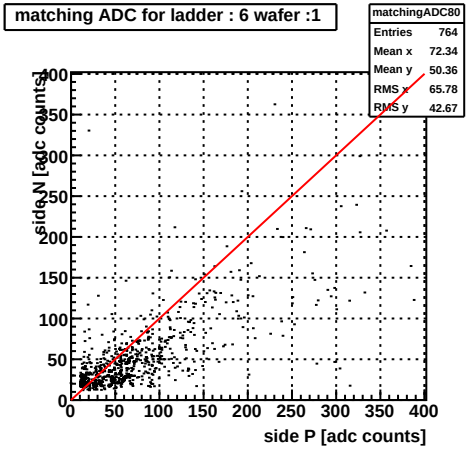

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 227
Mean x 92.7
Mean y 101.2
RMS x 68.64
RMS y 76.97
side N [adc counts]
side P [adc counts]

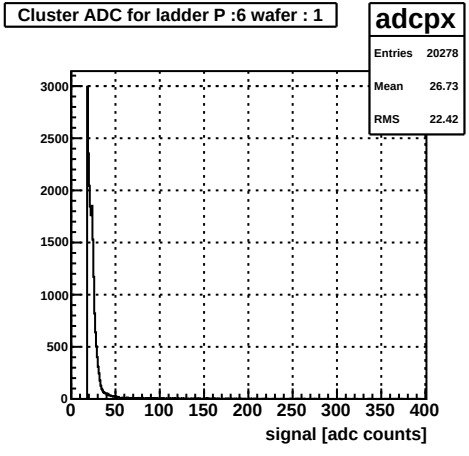

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 3699
Mean 44.63
RMS 40.28
signal [adc counts]

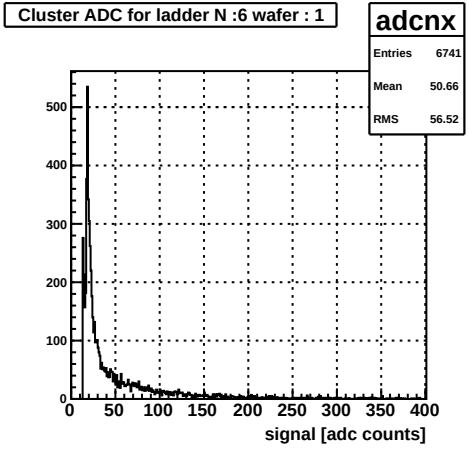

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 1312
Mean 48.62
RMS 57.33
signal [adc counts]

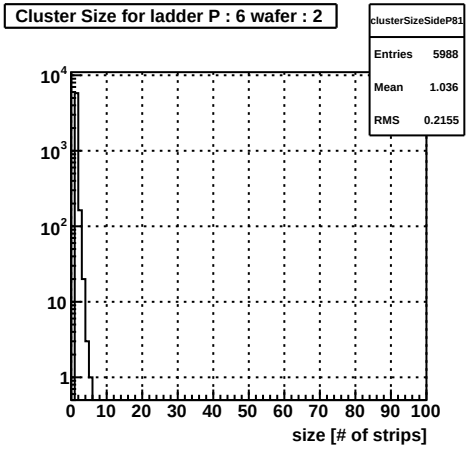

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 20278
Mean 1.032
RMS 0.2048
size [# of strips]

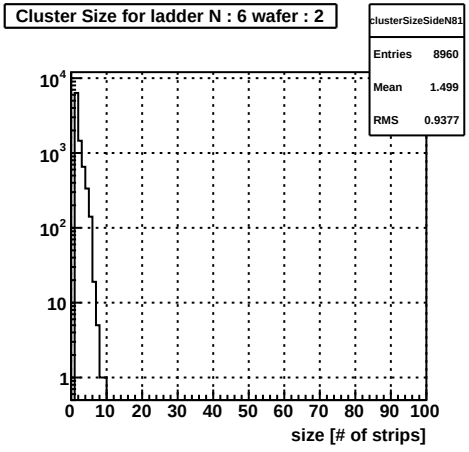

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 6741
Mean 2.025
RMS 1.988
size [# of strips]

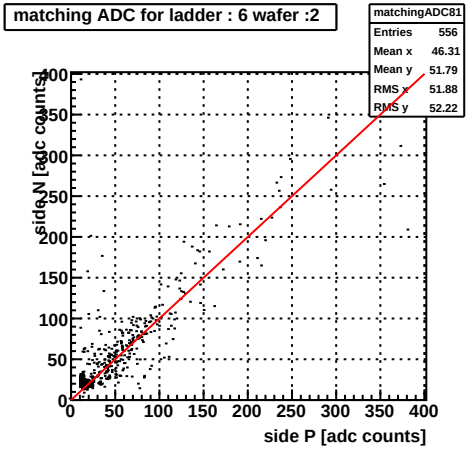

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 764
Mean x 72.34
Mean y 50.36
RMS x 65.78
RMS y 42.67
side N [adc counts]
side P [adc counts]

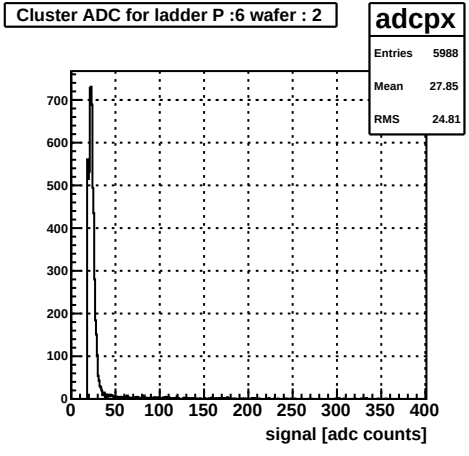

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 20278
Mean 26.73
RMS 22.42
signal [adc counts]

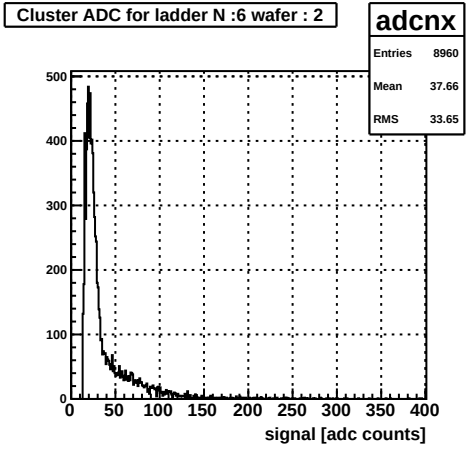

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 6741
Mean 50.66
RMS 56.52
signal [adc counts]

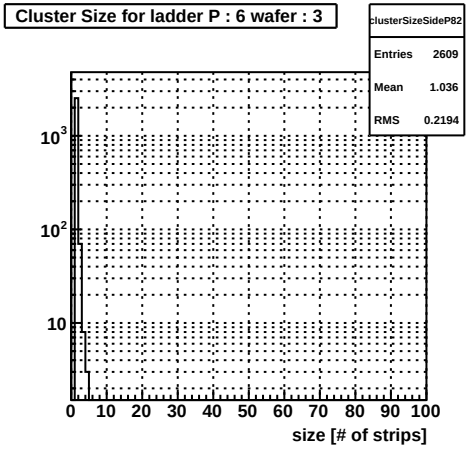

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 5988
Mean 1.036
RMS 0.2155
size [# of strips]

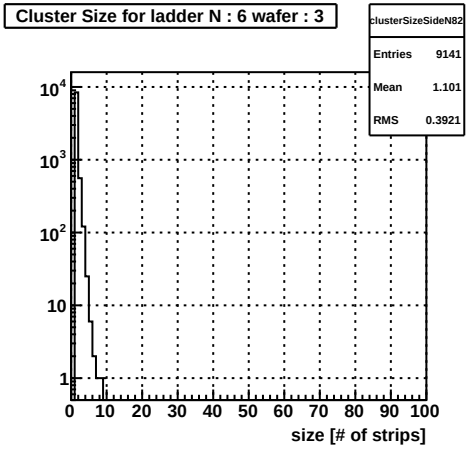

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 8960
Mean 1.499
RMS 0.9377
size [# of strips]

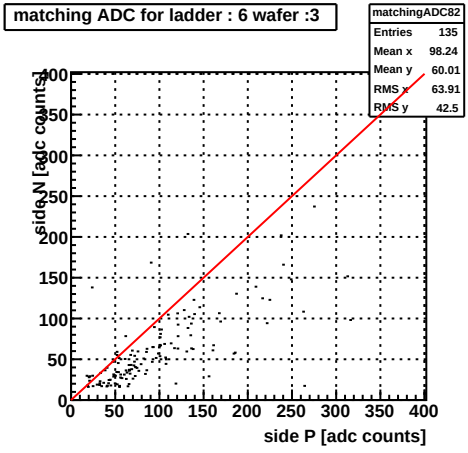

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 556
Mean x 46.31
Mean y 51.79
RMS x 51.88
RMS y 52.22
side N [adc counts]
side P [adc counts]

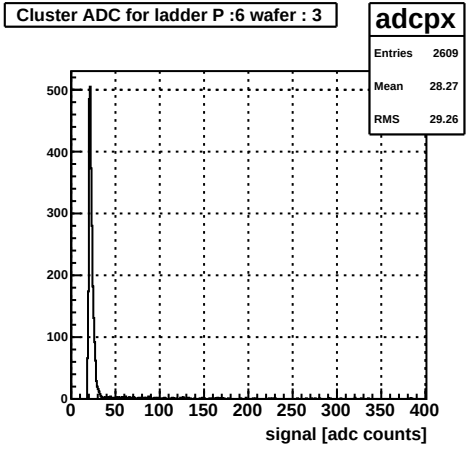

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 5988
Mean 27.85
RMS 24.81
signal [adc counts]

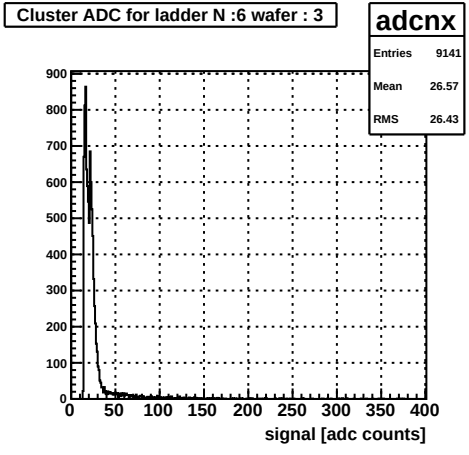

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 8960
Mean 37.66
RMS 33.65
signal [adc counts]

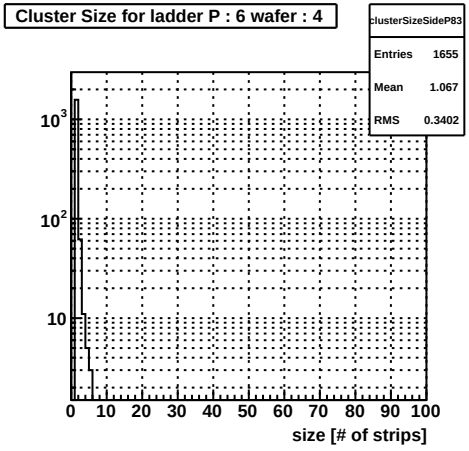

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 2609
Mean 1.036
RMS 0.2194
size [# of strips]

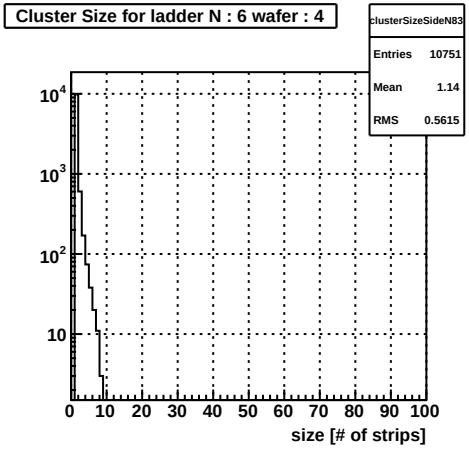

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 9141
Mean 1.101
RMS 0.3921
size [# of strips]

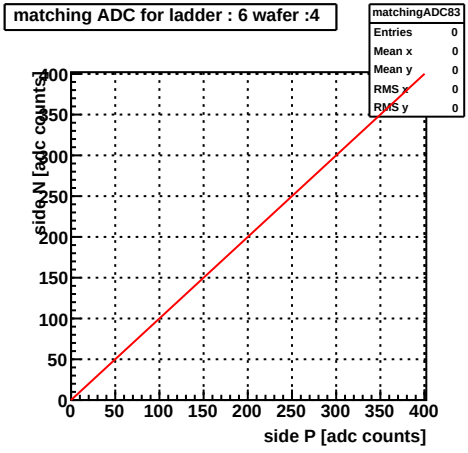

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 135
Mean x 98.24
Mean y 60.01
RMS x 63.91
RMS y 42.5
side N [adc counts]
side P [adc counts]

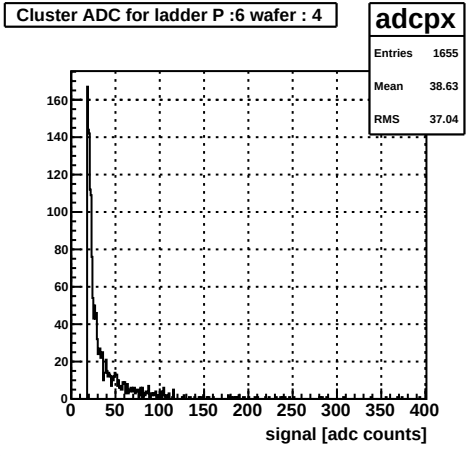

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 2609
Mean 28.27
RMS 29.26
signal [adc counts]

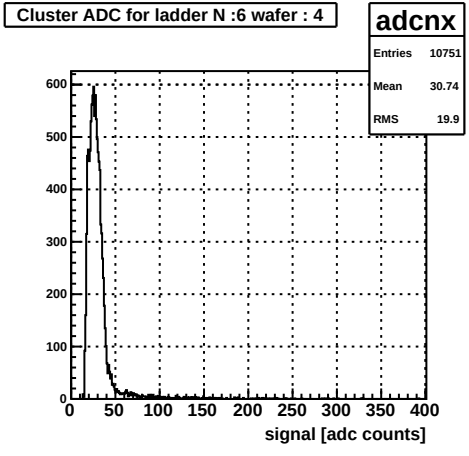

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 9141
Mean 26.57
RMS 26.43
signal [adc counts]

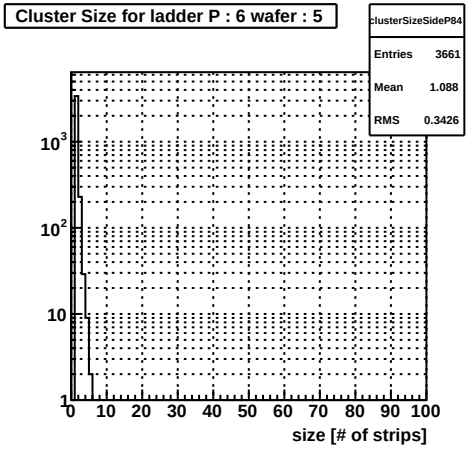

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 1655
Mean 1.067
RMS 0.3402
size [# of strips]

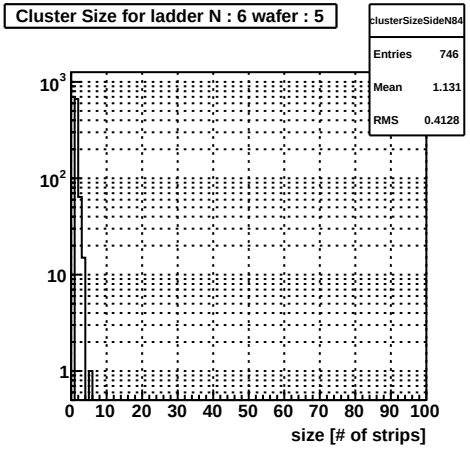

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 10751
Mean 1.14
RMS 0.5615
size [# of strips]

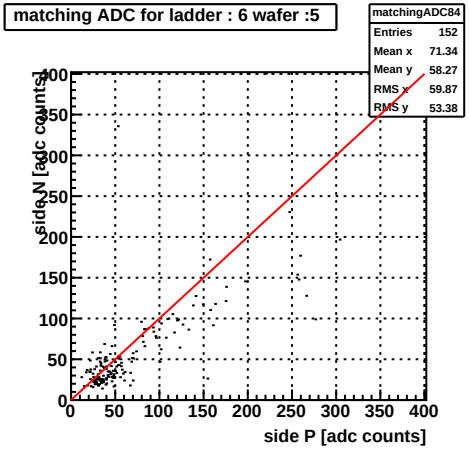

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

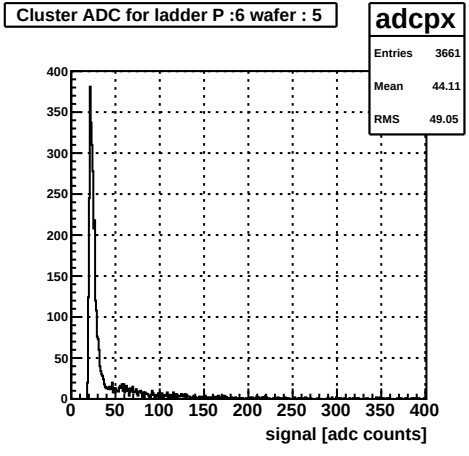

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 1655
Mean 38.63
RMS 37.04
signal [adc counts]

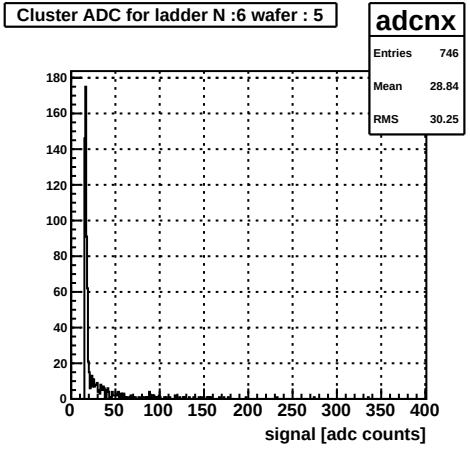

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 10751
Mean 30.74
RMS 19.9
signal [adc counts]

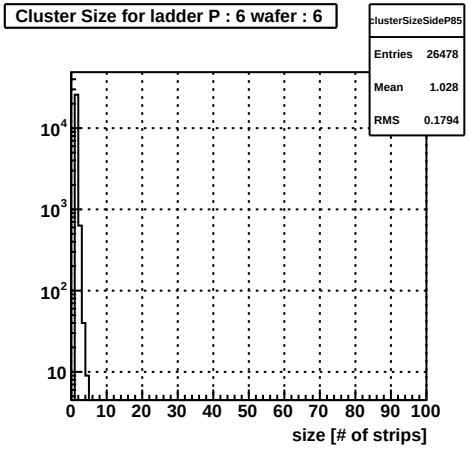

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 3661
Mean 1.088
RMS 0.3426
size [# of strips]

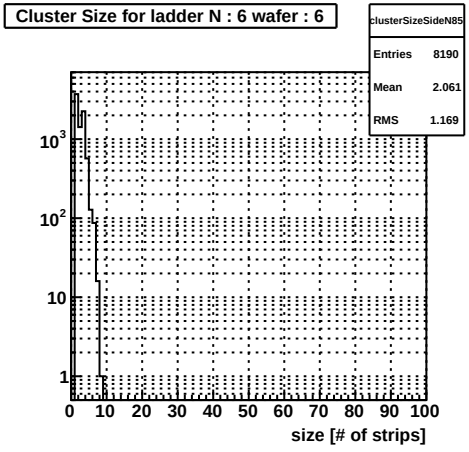

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 746
Mean 1.131
RMS 0.4128
size [# of strips]

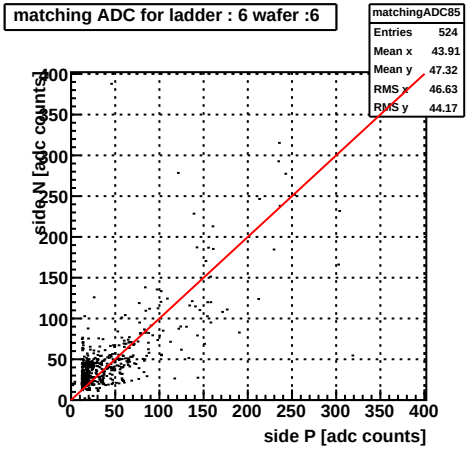

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 152
Mean x 71.34
Mean y 58.27
RMS x 59.87
RMS y 53.38
side N [adc counts]
side P [adc counts]

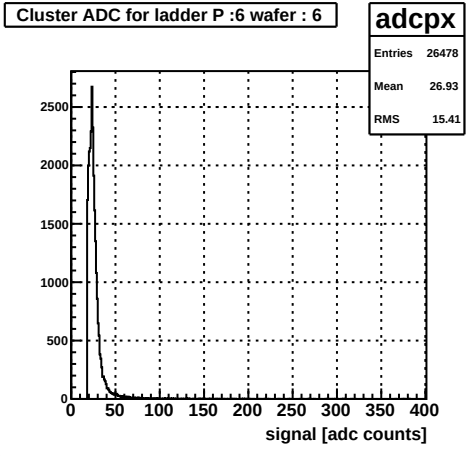

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 3661
Mean 44.11
RMS 49.05
signal [adc counts]

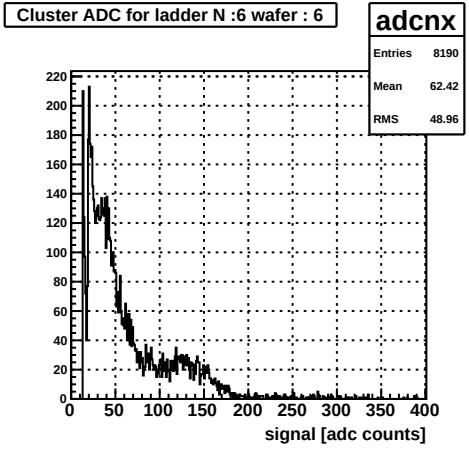

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 746
Mean 28.84
RMS 30.25
signal [adc counts]

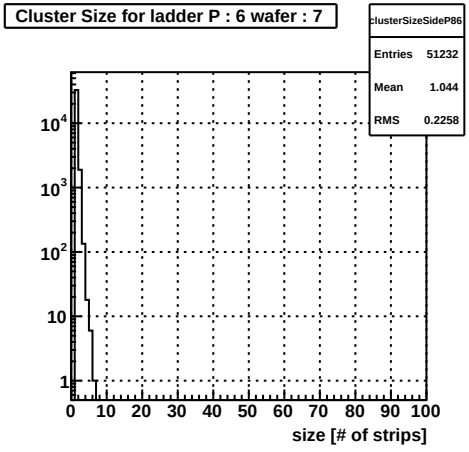

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 26478
Mean 1.028
RMS 0.1794
size [# of strips]

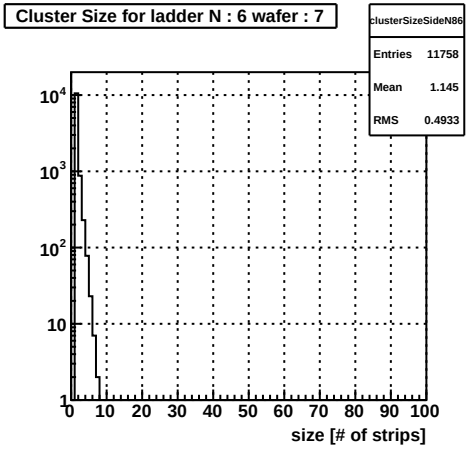

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 8190
Mean 2.061
RMS 1.169
size [# of strips]

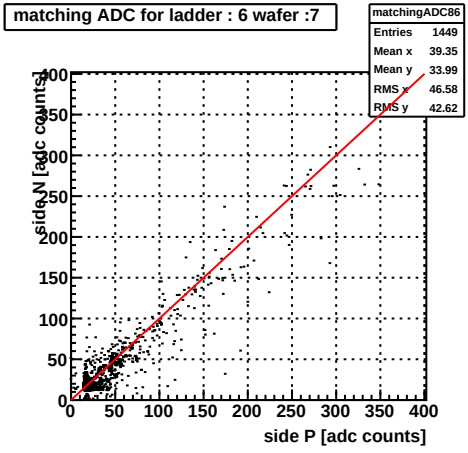

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 524
Mean x 43.91
Mean y 47.32
RMS x 46.63
RMS y 44.17
side N [adc counts]
side P [adc counts]

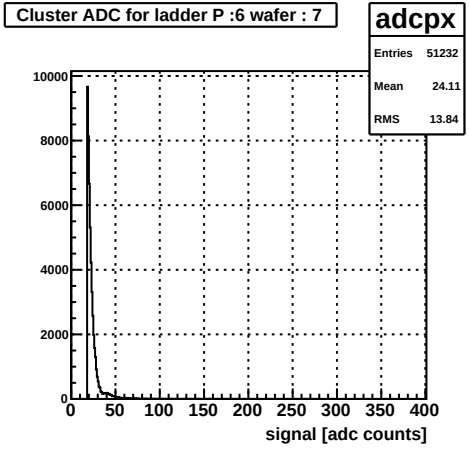

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 26478
Mean 26.93
RMS 15.41
signal [adc counts]

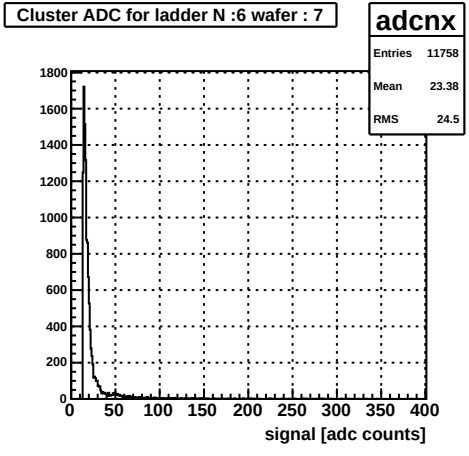

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 8190
Mean 62.42
RMS 48.96
signal [adc counts]

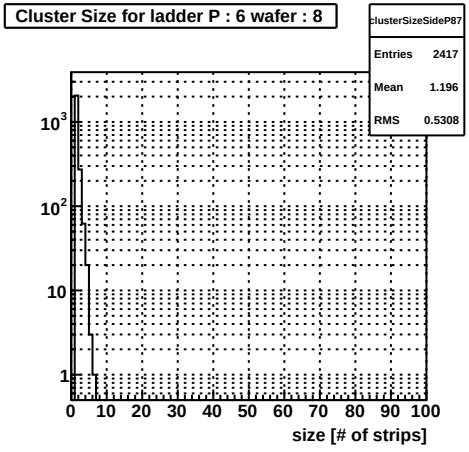

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 51232
Mean 1.044
RMS 0.2258
size [# of strips]

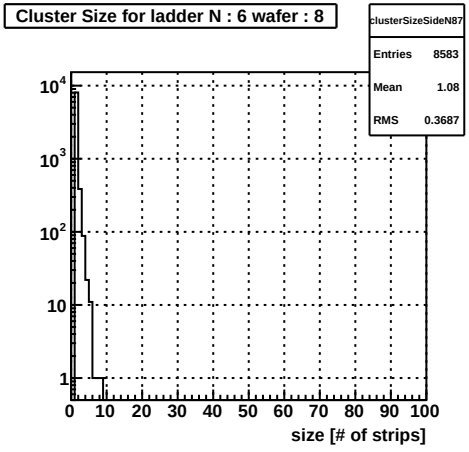

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 11758
Mean 1.145
RMS 0.4933
size [# of strips]

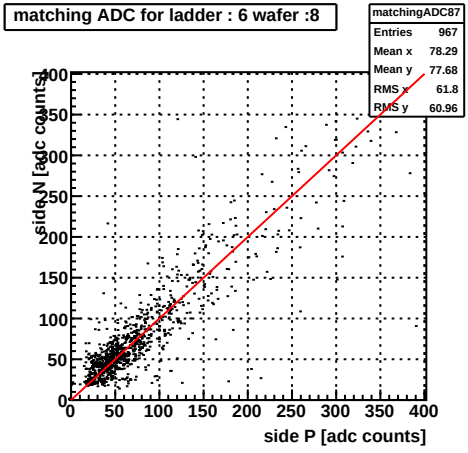

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 1449
Mean x 39.35
Mean y 33.99
RMS x 46.58
RMS y 42.62
side N [adc counts]
side P [adc counts]

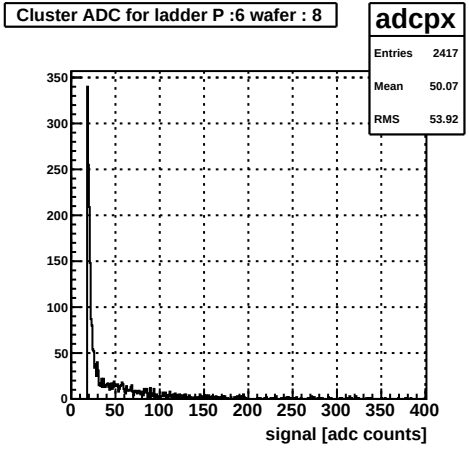

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 51232
Mean 24.11
RMS 13.84
signal [adc counts]

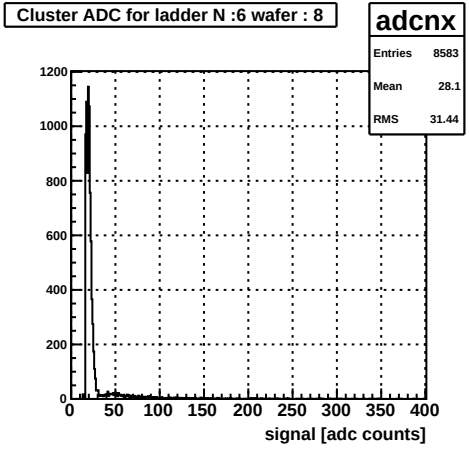

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 11758
Mean 23.38
RMS 24.5
signal [adc counts]

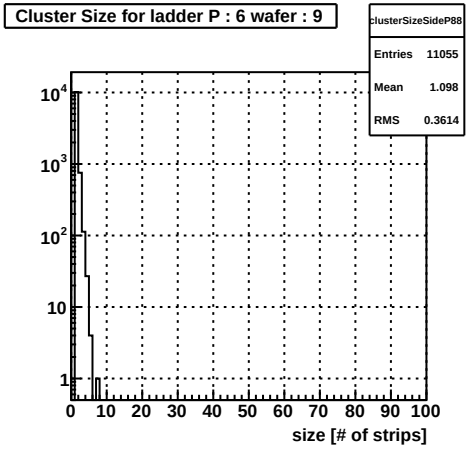

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 2417
Mean 1.196
RMS 0.5308
size [# of strips]

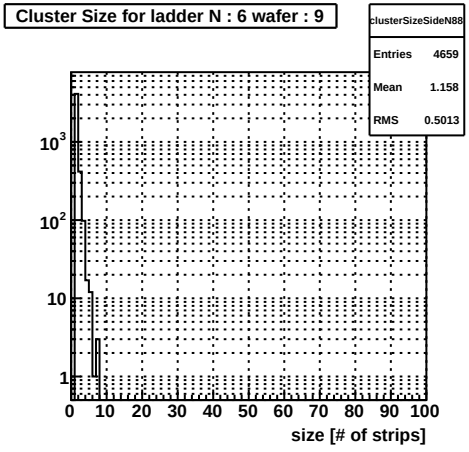

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 8583
Mean 1.08
RMS 0.3687
size [# of strips]

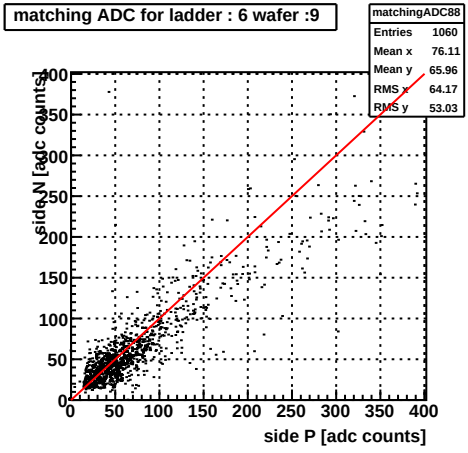

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 967
Mean x 78.29
Mean y 77.68
RMS x 61.8
RMS y 60.96
side N [adc counts]
side P [adc counts]

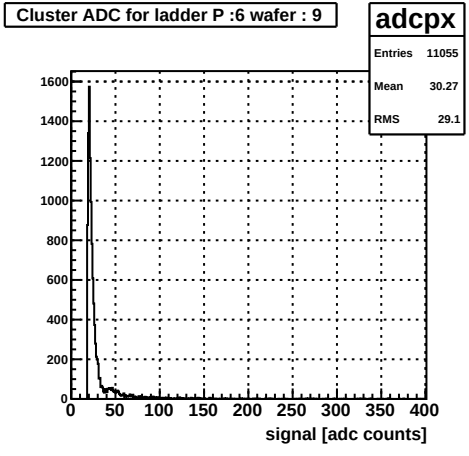

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 2417
Mean 50.07
RMS 53.92
signal [adc counts]

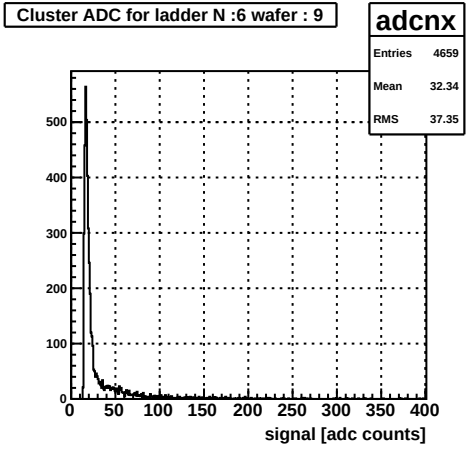

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 8583
Mean 28.1
RMS 31.44
signal [adc counts]

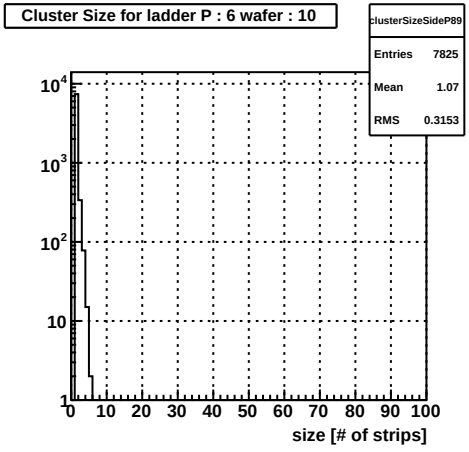

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 11055
Mean 1.098
RMS 0.3614
size [# of strips]

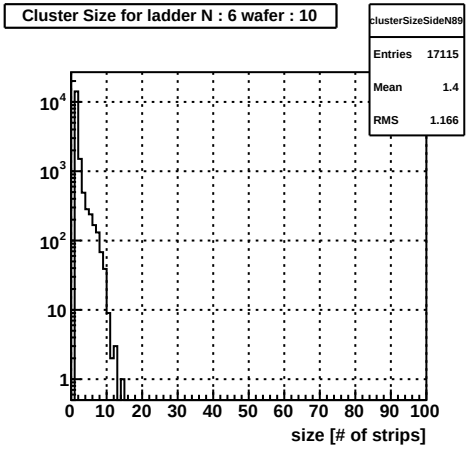

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 4659
Mean 1.158
RMS 0.5013
size [# of strips]

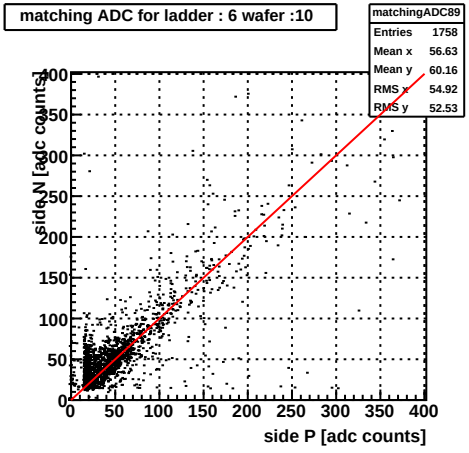

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 1060
Mean x 76.11
Mean y 65.96
RMS x 64.17
RMS y 53.03
side N [adc counts]
side P [adc counts]

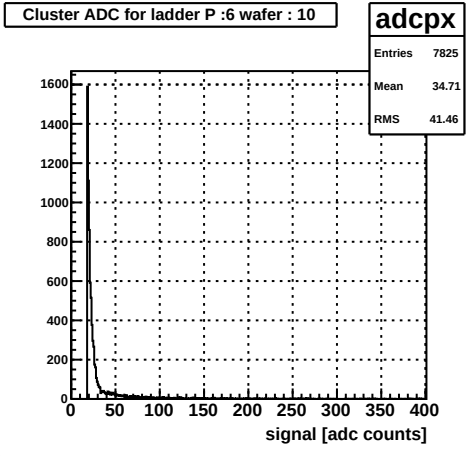

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 11055
Mean 30.27
RMS 29.1
signal [adc counts]

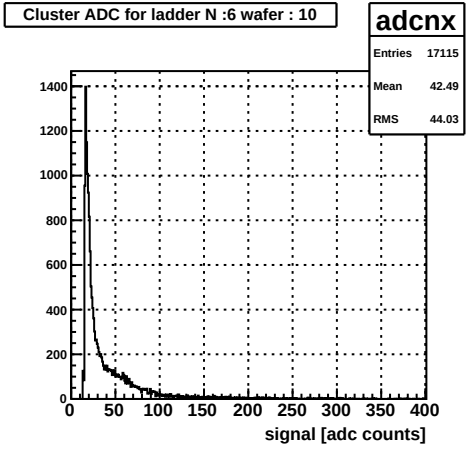

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 4659
Mean 32.34
RMS 37.35
signal [adc counts]

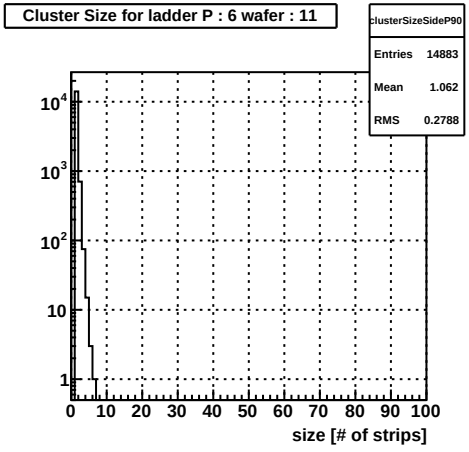

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 7825
Mean 1.07
RMS 0.3153
size [# of strips]

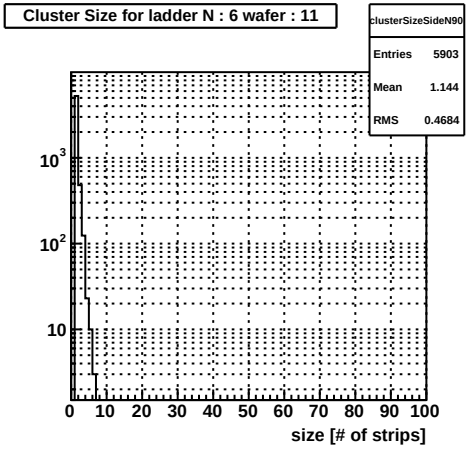

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 17115
Mean 1.4
RMS 1.166
size [# of strips]

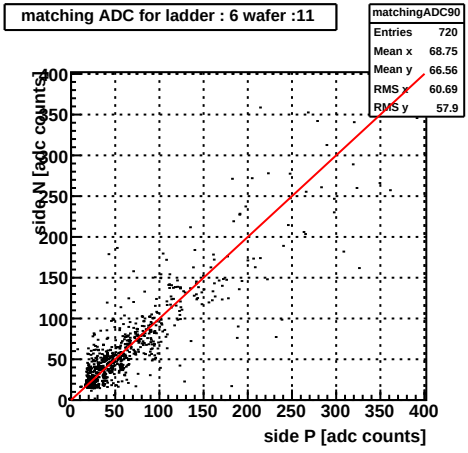

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 1758
Mean x 56.63
Mean y 60.16
RMS x 54.92
RMS y 52.53
side N [adc counts]
side P [adc counts]

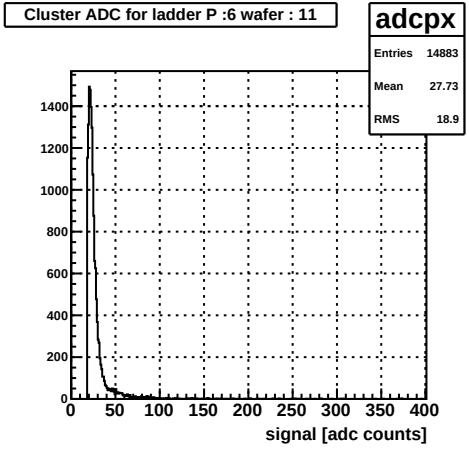

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 7825
Mean 34.71
RMS 41.46
signal [adc counts]

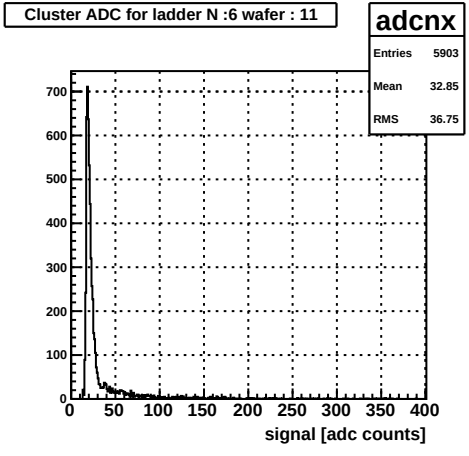

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 17115
Mean 42.49
RMS 44.03
signal [adc counts]

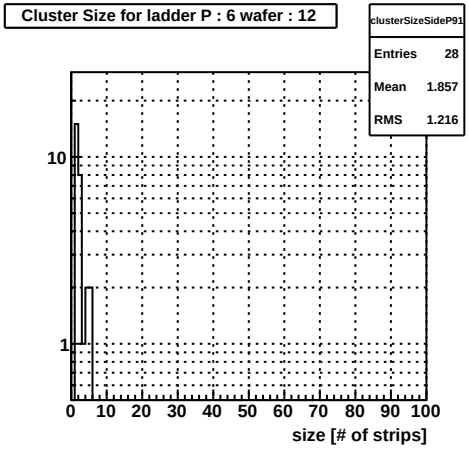

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 14883
Mean 1.062
RMS 0.2788
size [# of strips]

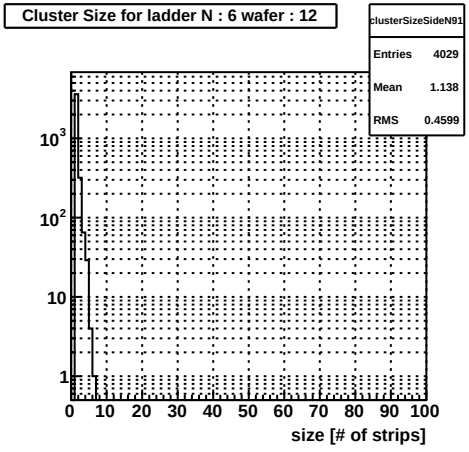

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 5903
Mean 1.144
RMS 0.4684
size [# of strips]

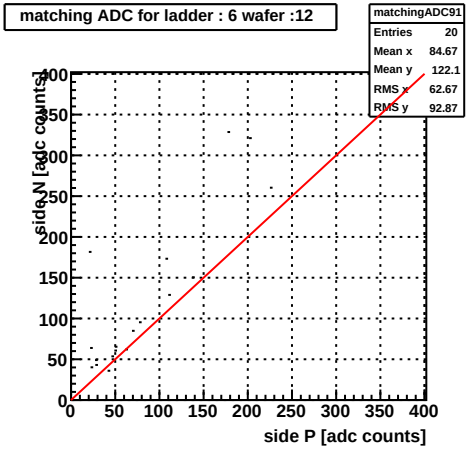

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 720
Mean x 68.75
Mean y 66.56
RMS x 60.69
RMS y 57.9
side N [adc counts]
side P [adc counts]

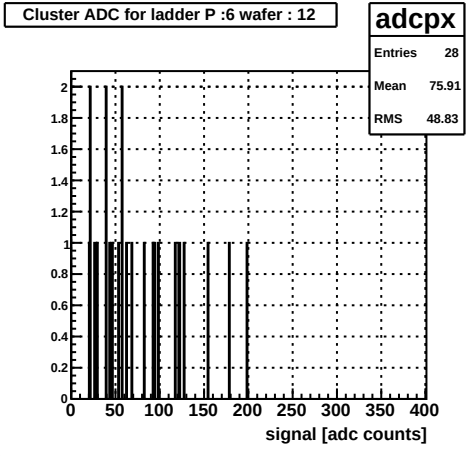

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 14883
Mean 27.73
RMS 18.9
signal [adc counts]

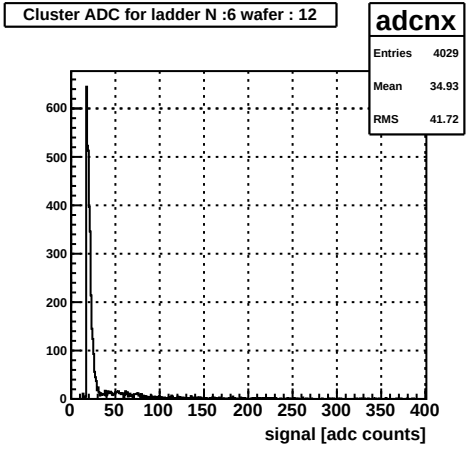

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 5903
Mean 32.85
RMS 36.75
signal [adc counts]

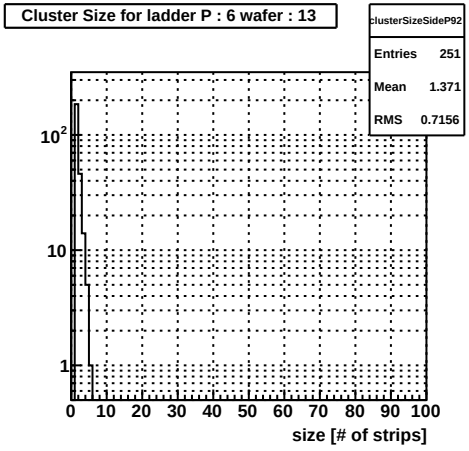

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 28
Mean 1.857
RMS 1.216
size [# of strips]

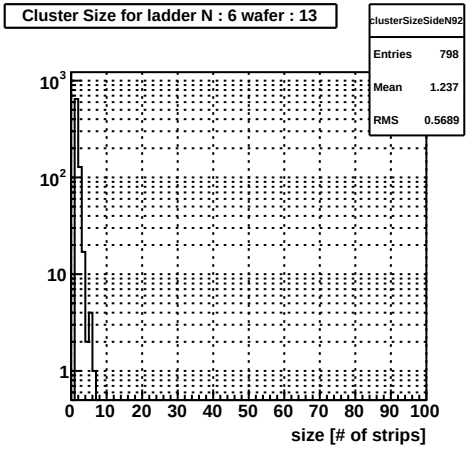

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 4029
Mean 1.138
RMS 0.4599
size [# of strips]

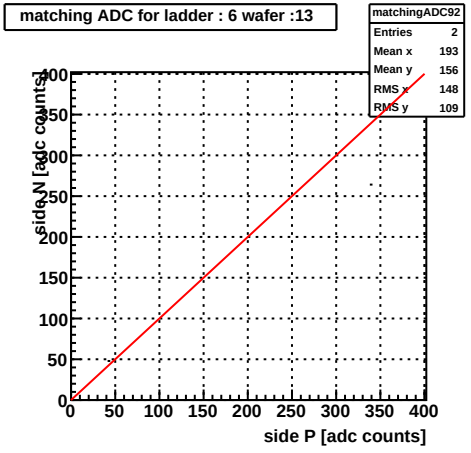

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 20
Mean x 84.67
Mean y 122.1
RMS x 62.67
RMS y 92.87
side N [adc counts]
side P [adc counts]

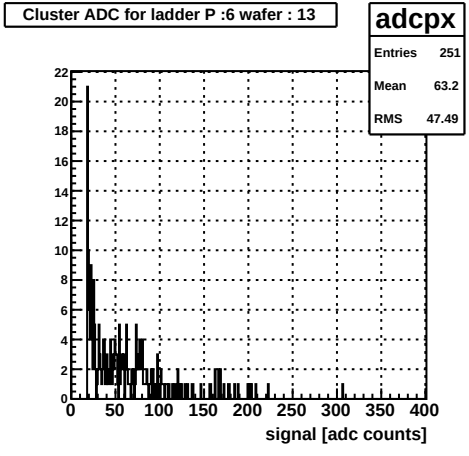

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 28
Mean 75.91
RMS 48.83
signal [adc counts]

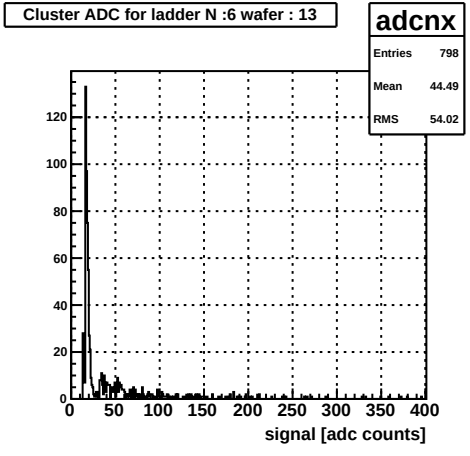

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 4029
Mean 34.93
RMS 41.72
signal [adc counts]

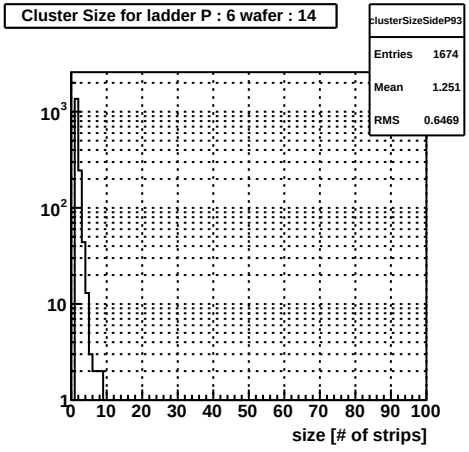

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 251
Mean 1.371
RMS 0.7156
size [# of strips]

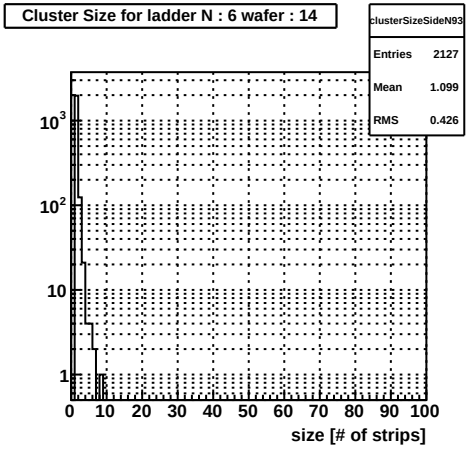

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 798
Mean 1.237
RMS 0.5689
size [# of strips]

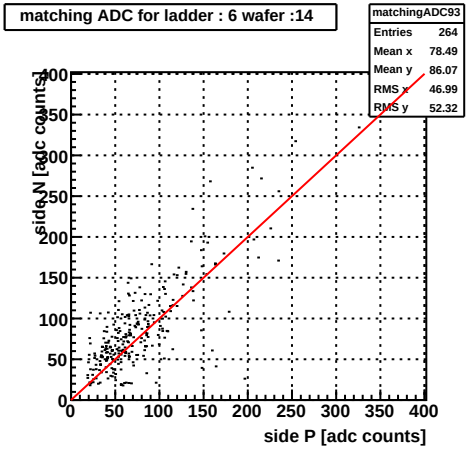

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 2
Mean x 193
Mean y 156
RMS x 148
RMS y 109
side N [adc counts]
side P [adc counts]

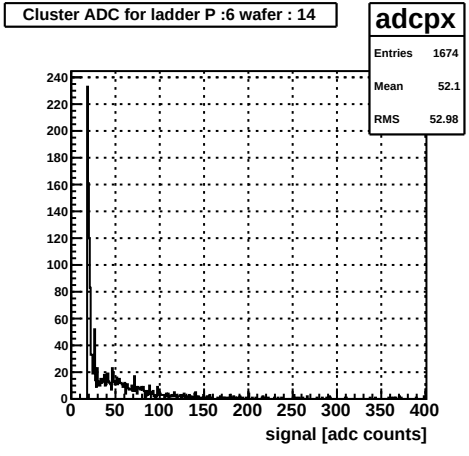

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 251
Mean 63.2
RMS 47.49
signal [adc counts]

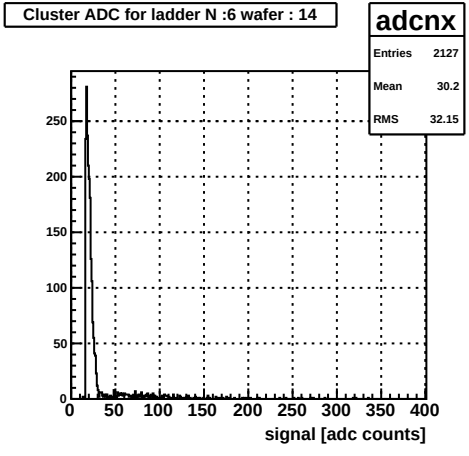

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 798
Mean 44.49
RMS 54.02
signal [adc counts]

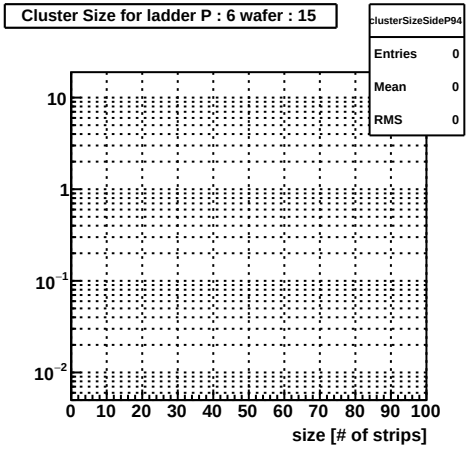

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 1674
Mean 1.251
RMS 0.6469
size [# of strips]

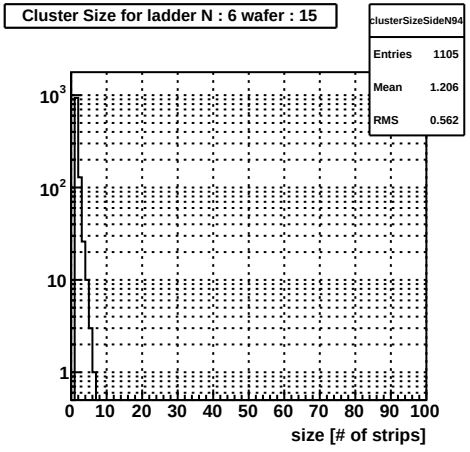

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 2127
Mean 1.099
RMS 0.426
size [# of strips]

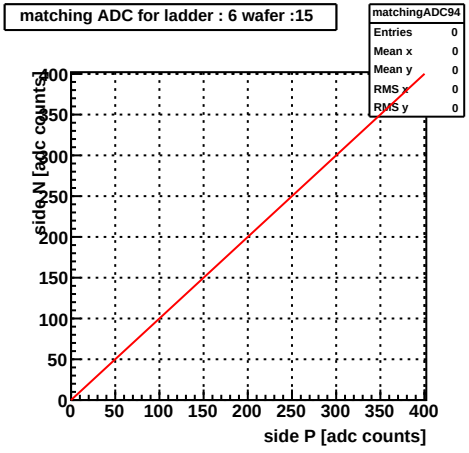

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 264
Mean x 78.49
Mean y 86.07
RMS x 46.99
RMS y 52.32
side N [adc counts]
side P [adc counts]

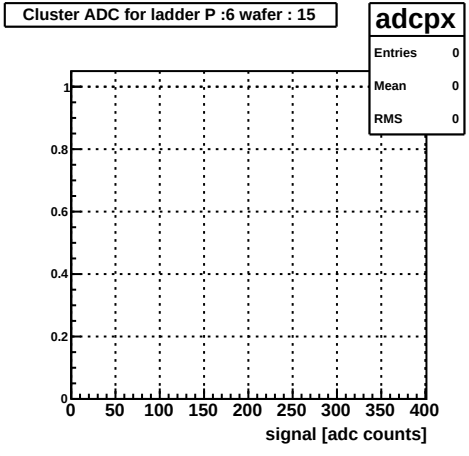

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 1674
Mean 52.1
RMS 52.98
signal [adc counts]

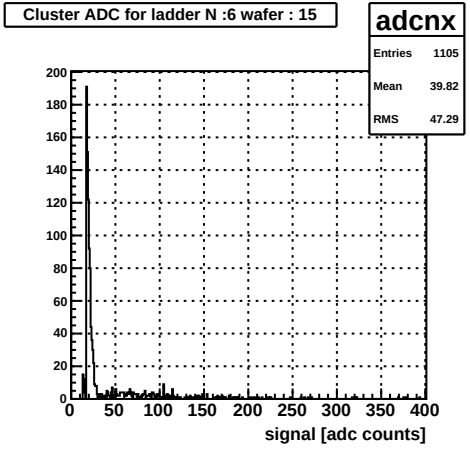

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 2127
Mean 30.2
RMS 32.15
signal [adc counts]

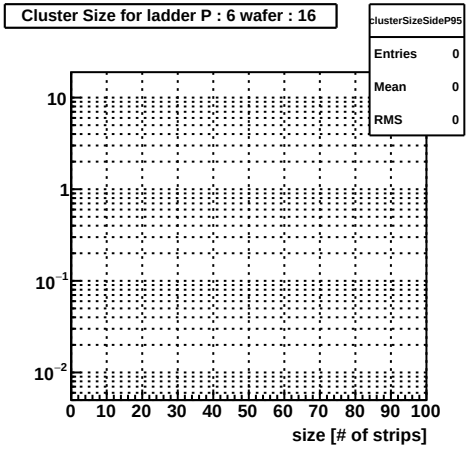

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 0
Mean 0
RMS 0
size [# of strips]

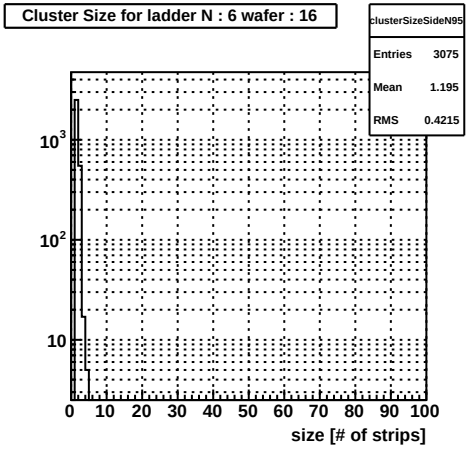

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 1105
Mean 1.206
RMS 0.562
size [# of strips]

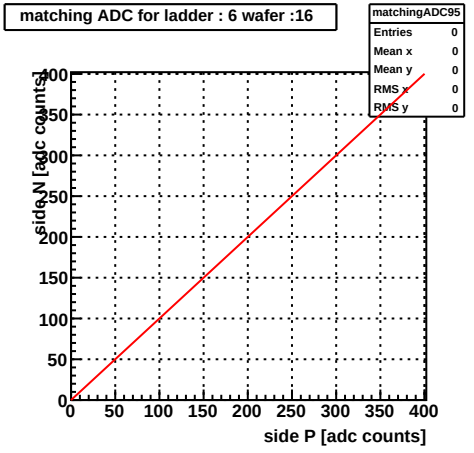

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

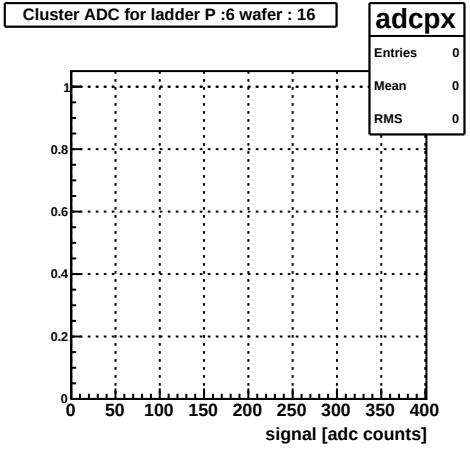

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

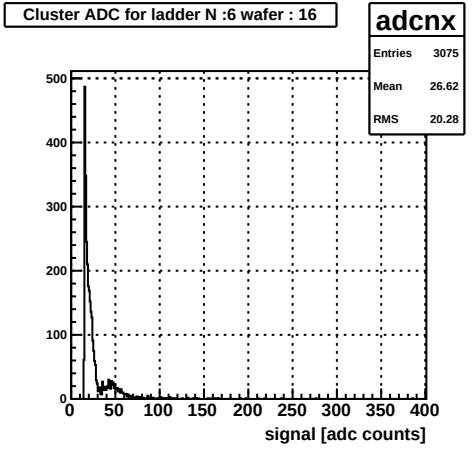

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 1105
Mean 39.82
RMS 47.29
signal [adc counts]

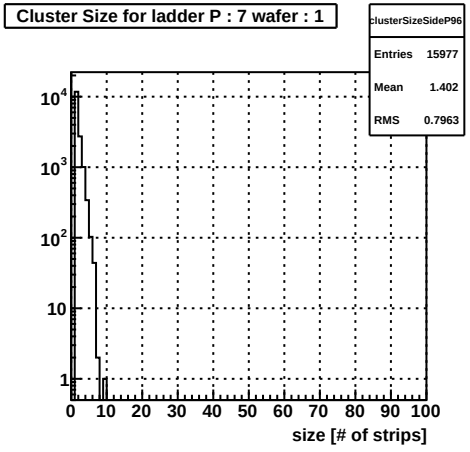

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

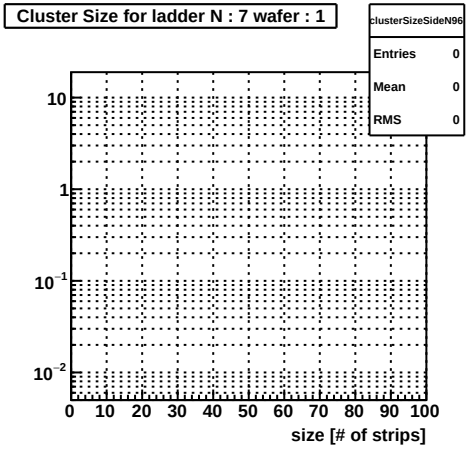

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 3075
Mean 1.195
RMS 0.4215
size [# of strips]

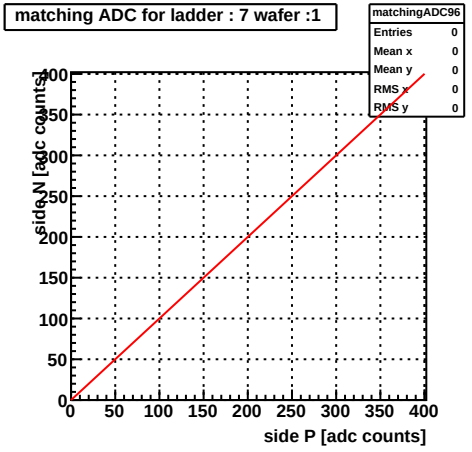

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

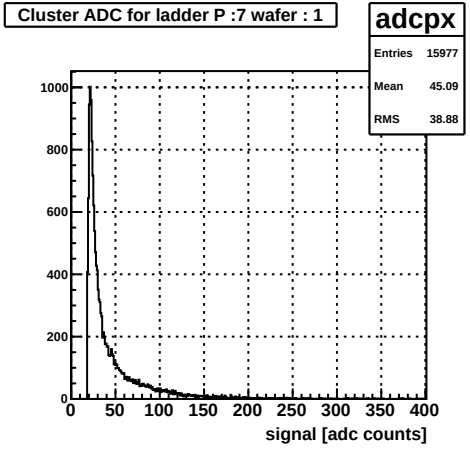

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

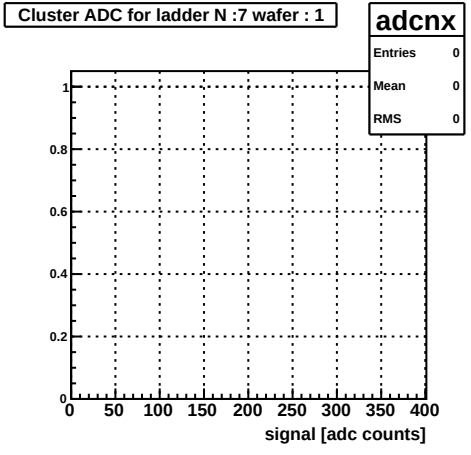

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 3075
Mean 26.62
RMS 20.28
signal [adc counts]

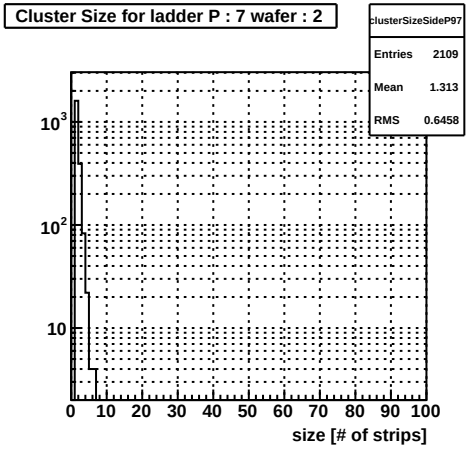

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 15977
Mean 1.402
RMS 0.7963
size [# of strips]

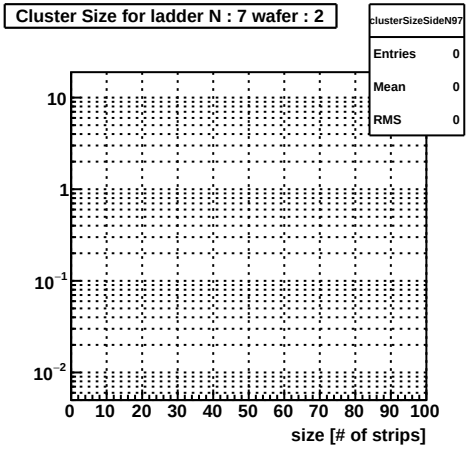

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

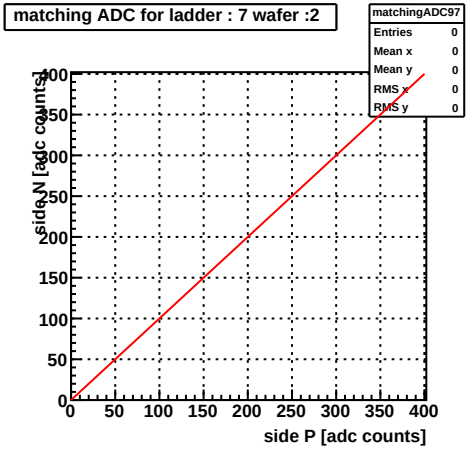

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

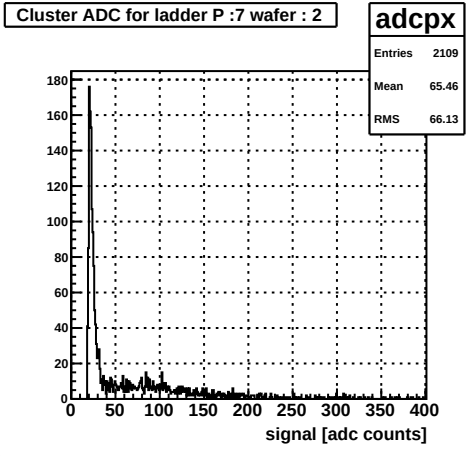

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 15977
Mean 45.09
RMS 38.88
signal [adc counts]

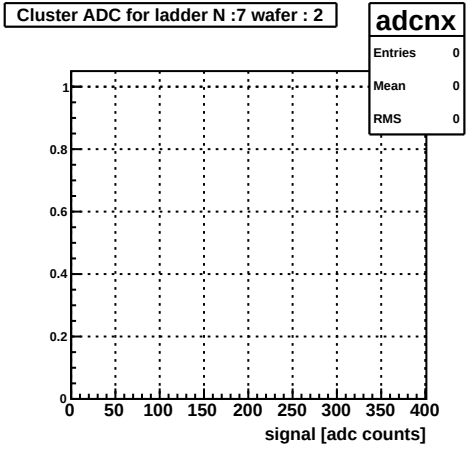

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

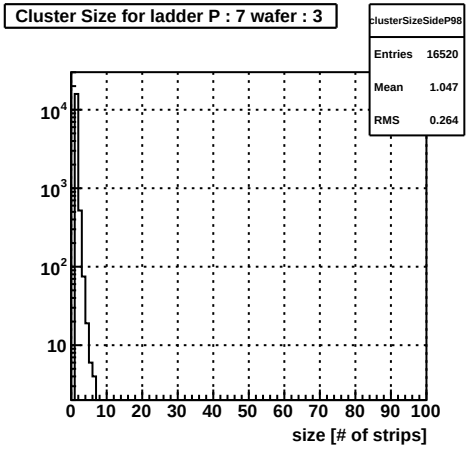

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 2109
Mean 1.313
RMS 0.6458
size [# of strips]

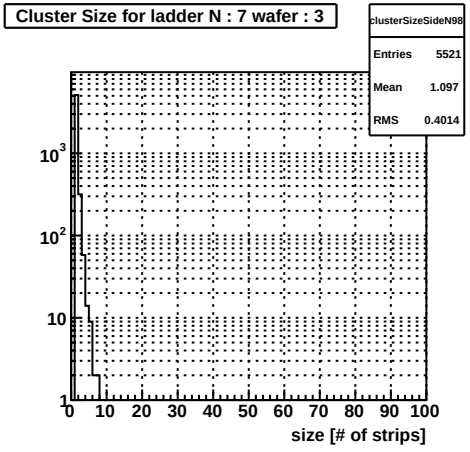

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

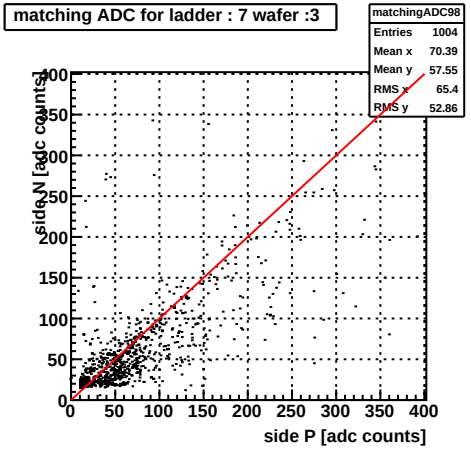

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

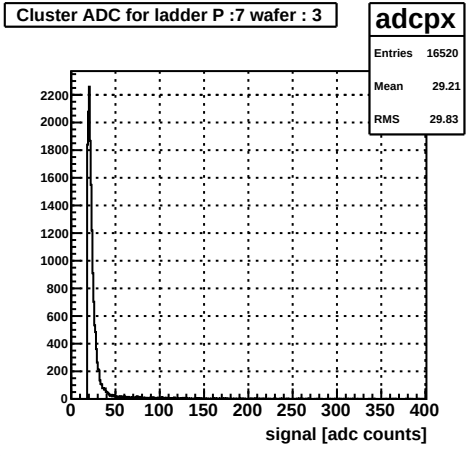

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 2109
Mean 65.46
RMS 66.13
signal [adc counts]

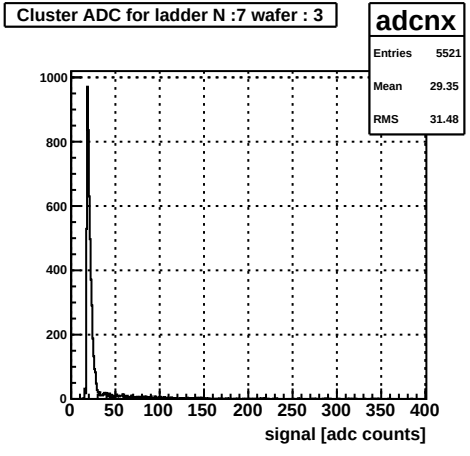

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

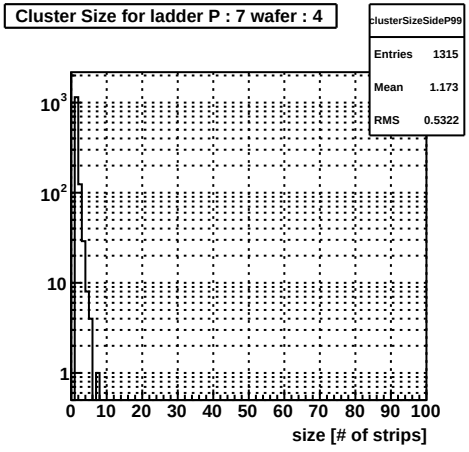

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 16520
Mean 1.047
RMS 0.264
size [# of strips]

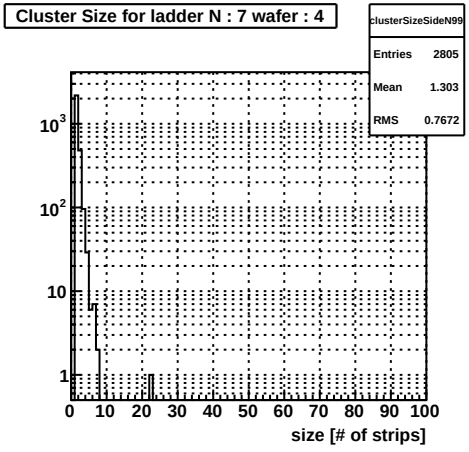

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 5521
Mean 1.097
RMS 0.4014
size [# of strips]

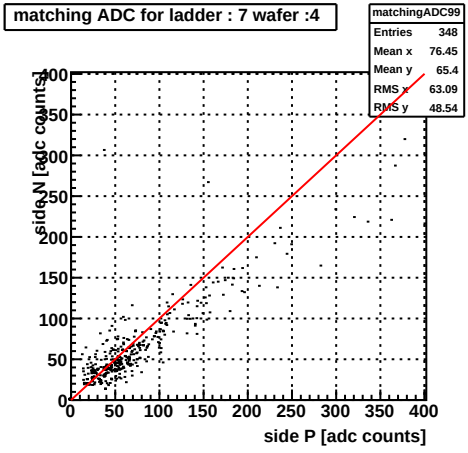

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 1004
Mean x 70.39
Mean y 57.55
RMS x 65.4
RMS y 52.86
side N [adc counts]
side P [adc counts]

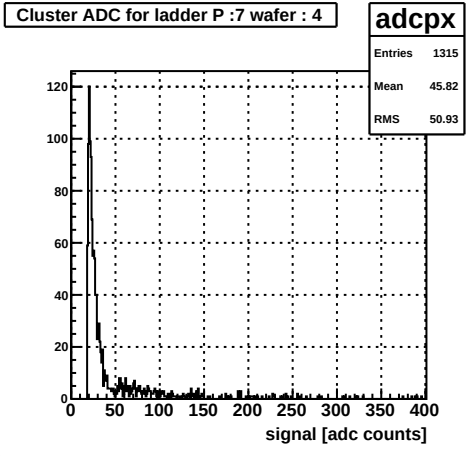

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 16520
Mean 29.21
RMS 29.83
signal [adc counts]

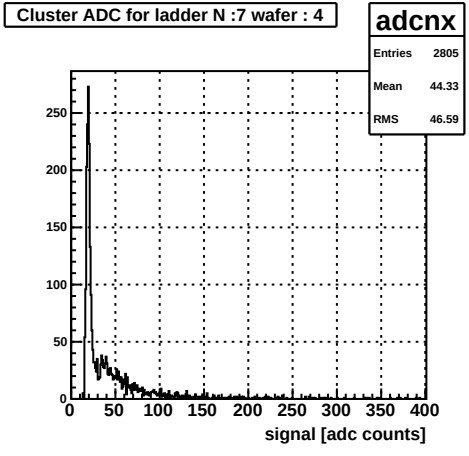

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 5521
Mean 29.35
RMS 31.48
signal [adc counts]

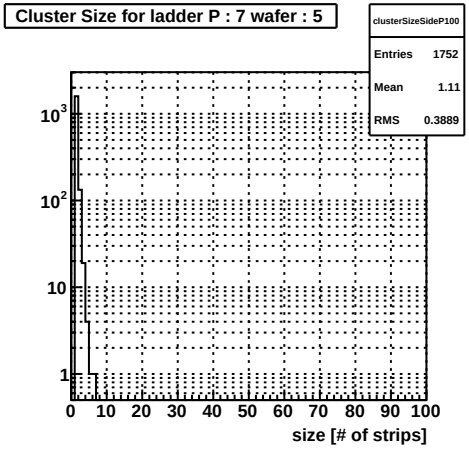

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 1315
Mean 1.173
RMS 0.5322
size [# of strips]

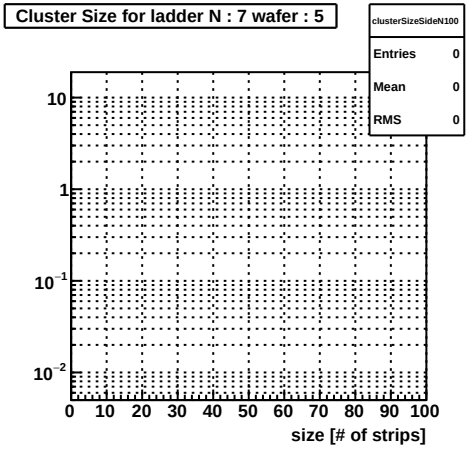

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 2805
Mean 1.303
RMS 0.7672
size [# of strips]

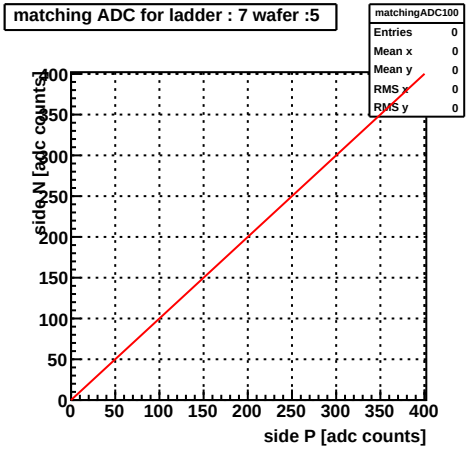

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 348
Mean x 76.45
Mean y 65.4
RMS x 63.09
RMS y 48.54
side N [adc counts]
side P [adc counts]

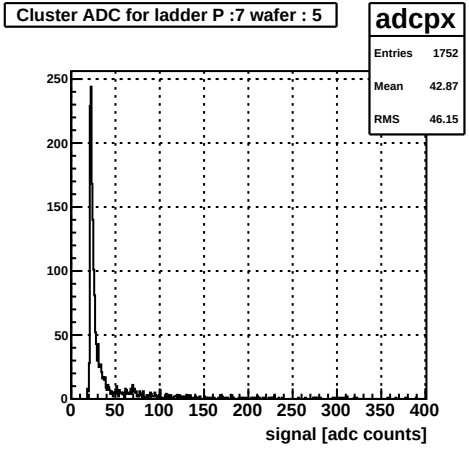

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 1315
Mean 45.82
RMS 50.93
signal [adc counts]

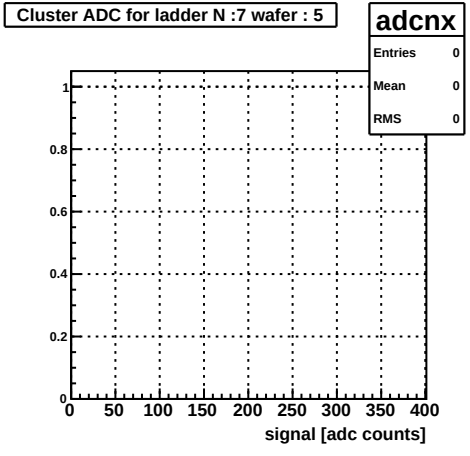

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 2805
Mean 44.33
RMS 46.59
signal [adc counts]

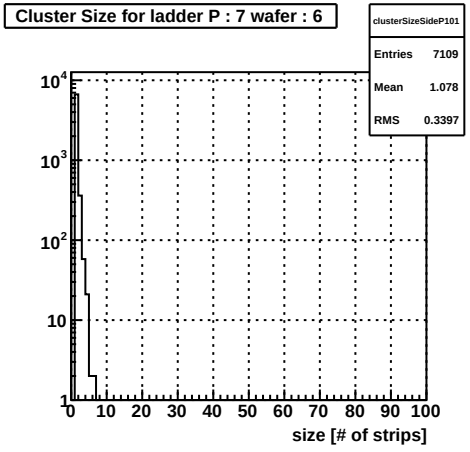

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 1752
Mean 1.11
RMS 0.3889
size [# of strips]

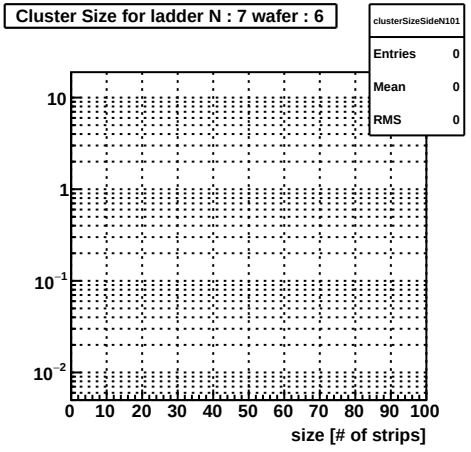

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

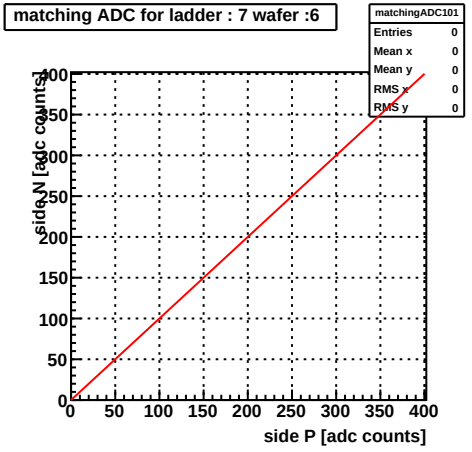

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

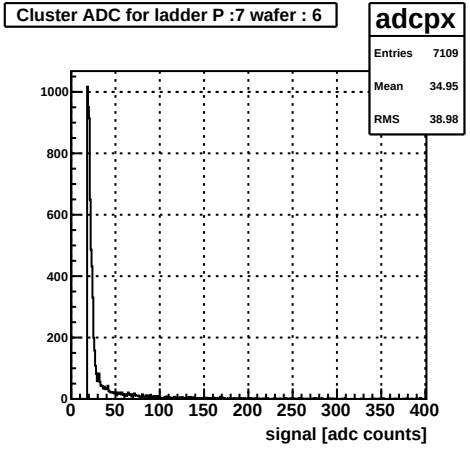

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 1752
Mean 42.87
RMS 46.15
signal [adc counts]

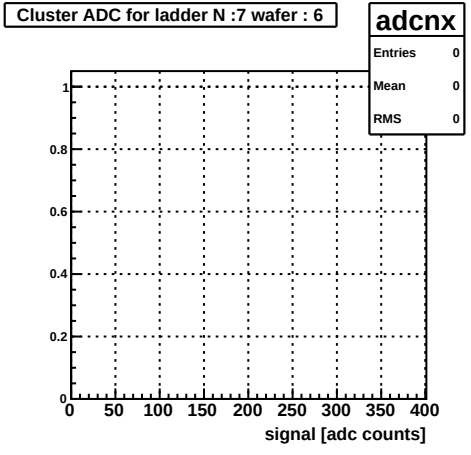

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

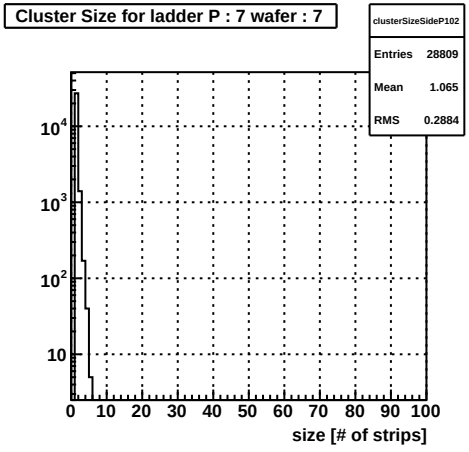

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 7109
Mean 1.078
RMS 0.3397
size [# of strips]

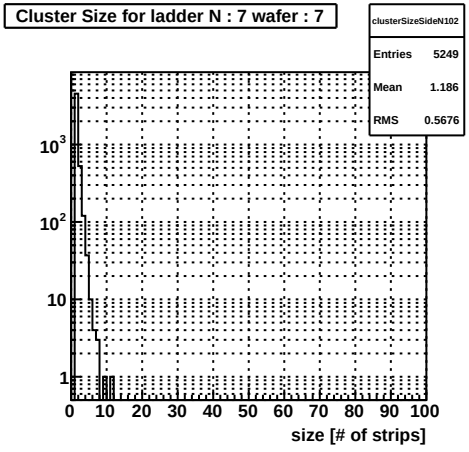

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

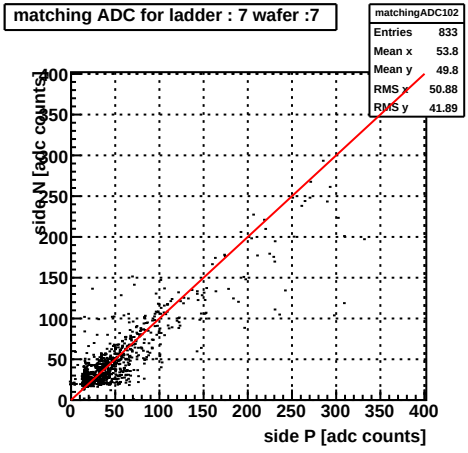

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

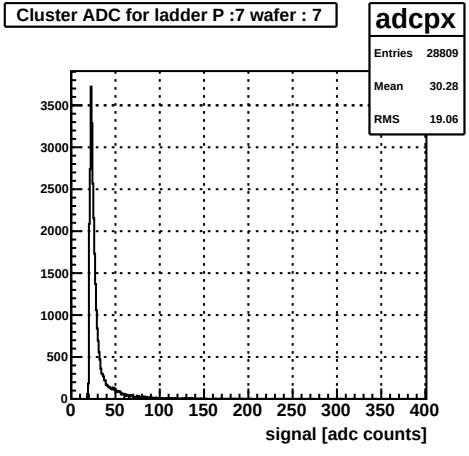

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 7109
Mean 34.95
RMS 38.98
signal [adc counts]

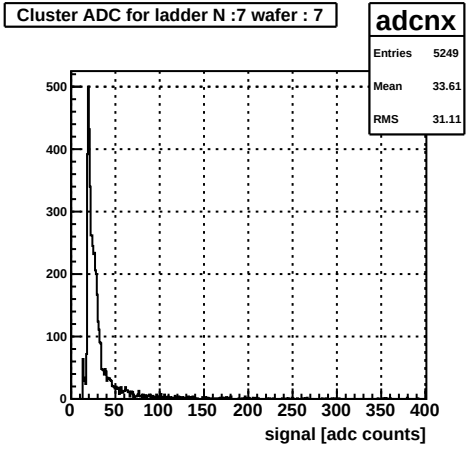

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

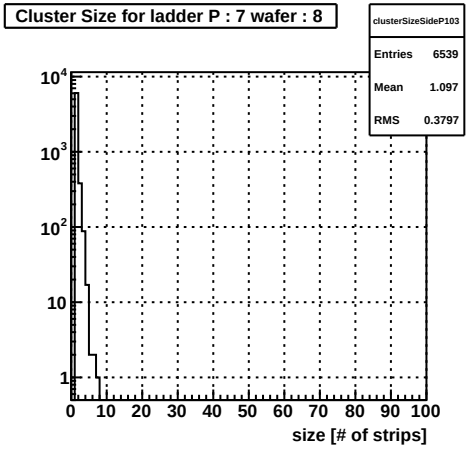

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 28809
Mean 1.065
RMS 0.2884
size [# of strips]

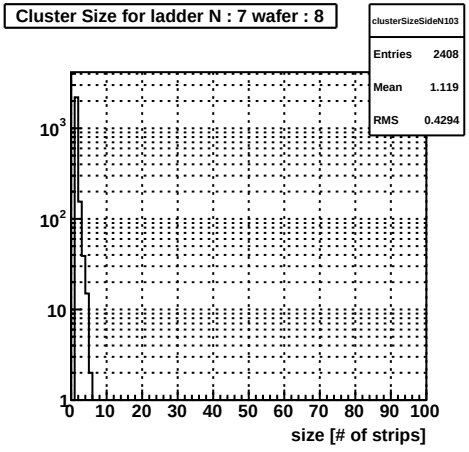

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 5249
Mean 1.186
RMS 0.5676
size [# of strips]

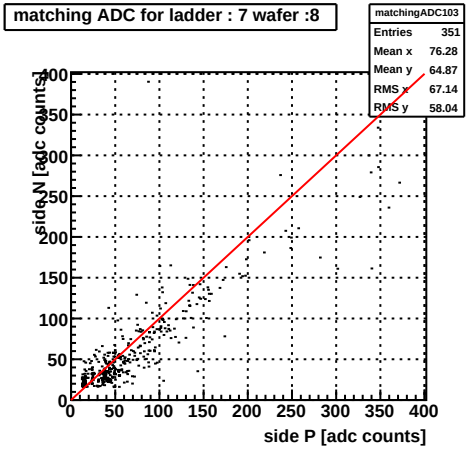

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 833
Mean x 53.8
Mean y 49.8
RMS x 50.88
RMS y 41.89
side N [adc counts]
side P [adc counts]

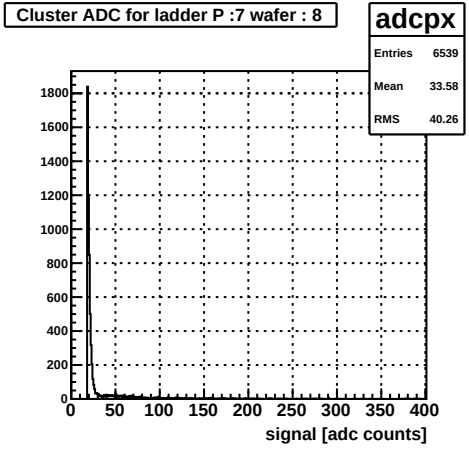

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 28809
Mean 30.28
RMS 19.06
signal [adc counts]

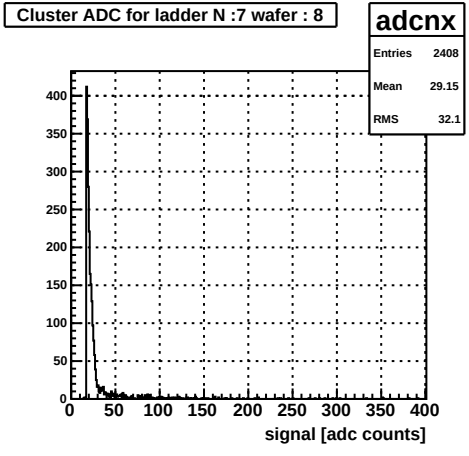

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 5249
Mean 33.61
RMS 31.11
signal [adc counts]

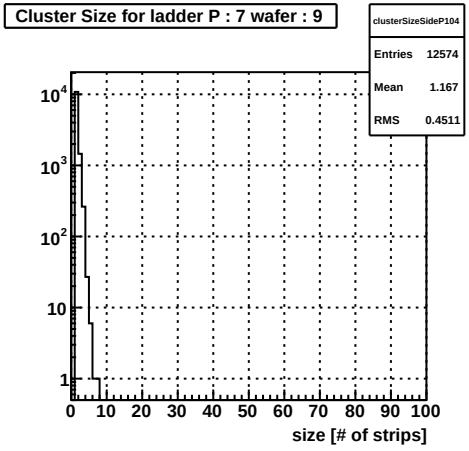

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 6539
Mean 1.097
RMS 0.3797
size [# of strips]

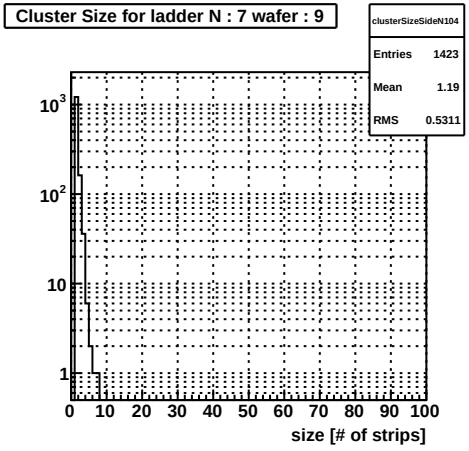

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 2408
Mean 1.119
RMS 0.4294
size [# of strips]

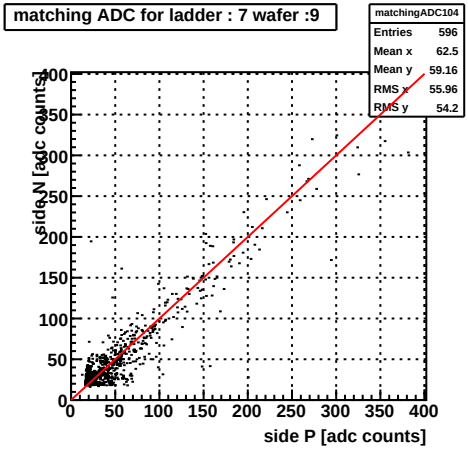

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 351
Mean x 76.28
Mean y 64.87
RMS x 67.14
RMS y 58.04
side N [adc counts]
side P [adc counts]

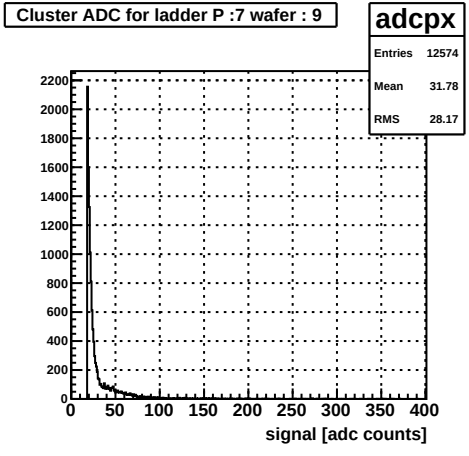

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 6539
Mean 33.58
RMS 40.26
signal [adc counts]

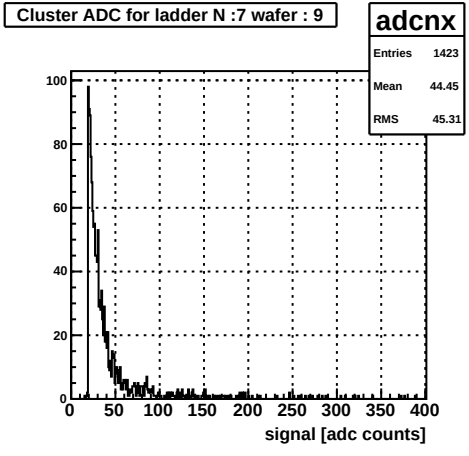

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 2408
Mean 29.15
RMS 32.1
signal [adc counts]

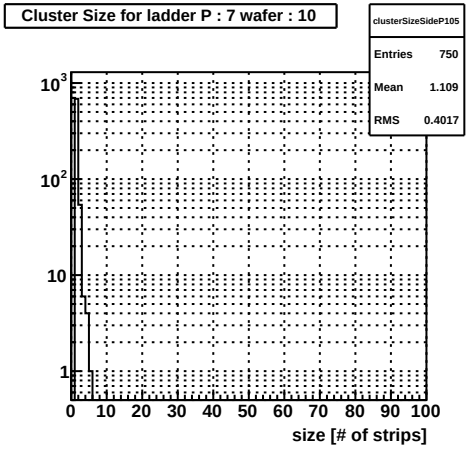

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 12574
Mean 1.167
RMS 0.4511
size [# of strips]

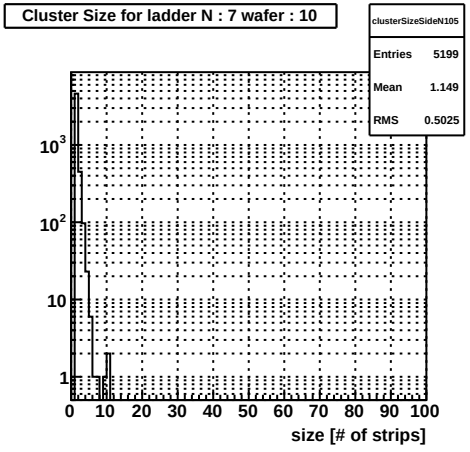

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 1423
Mean 1.19
RMS 0.5311
size [# of strips]

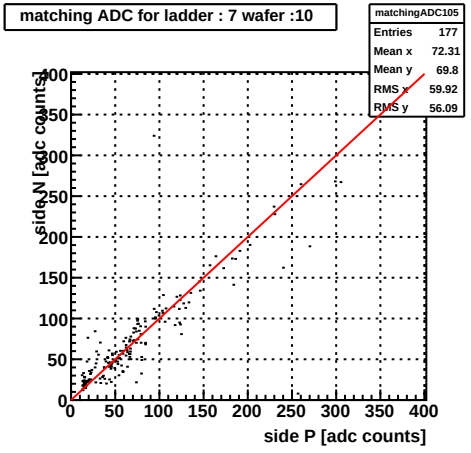

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 596
Mean x 62.5
Mean y 59.16
RMS x 55.96
RMS y 54.2
side N [adc counts]
side P [adc counts]

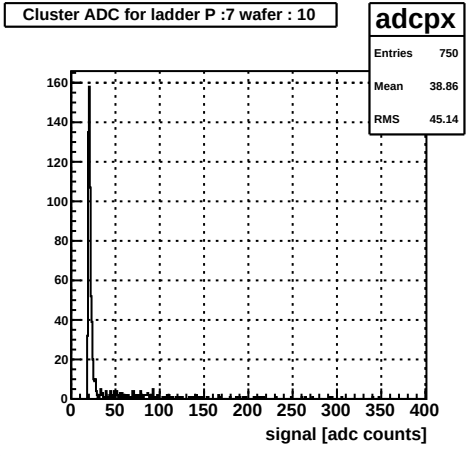

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 12574
Mean 31.78
RMS 28.17
signal [adc counts]

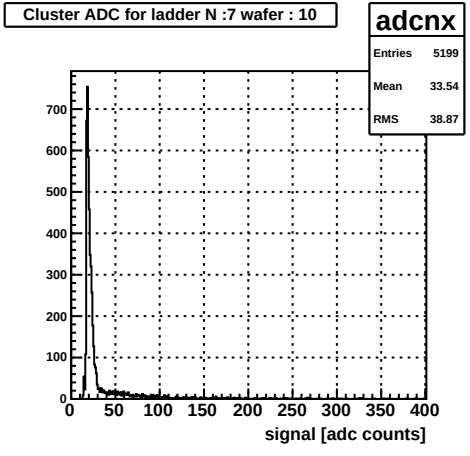

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 1423
Mean 44.45
RMS 45.31
signal [adc counts]

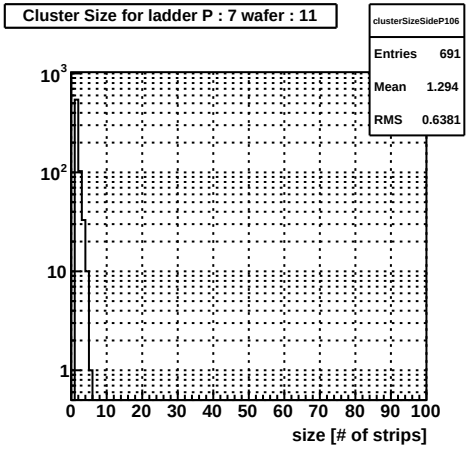

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 750
Mean 1.109
RMS 0.4017
size [# of strips]

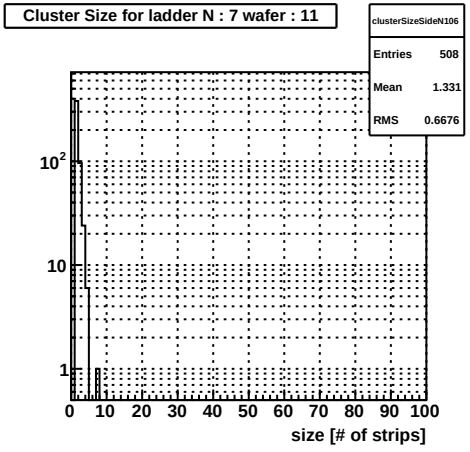

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 5199
Mean 1.149
RMS 0.5025
size [# of strips]

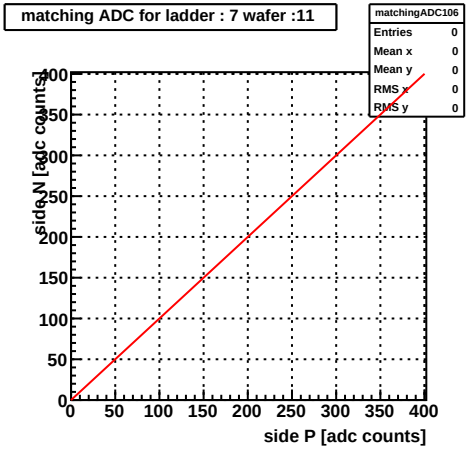

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 177
Mean x 72.31
Mean y 69.8
RMS x 59.92
RMS y 56.09
side N [adc counts]
side P [adc counts]

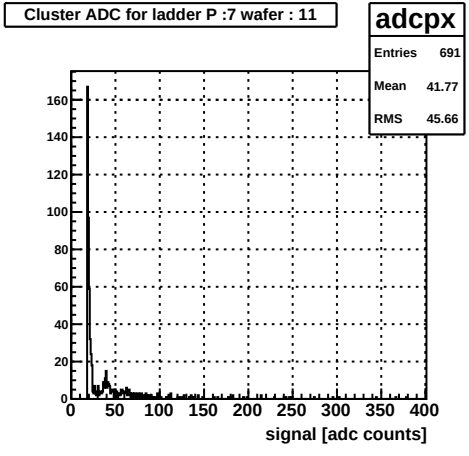

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 750
Mean 38.86
RMS 45.14
signal [adc counts]

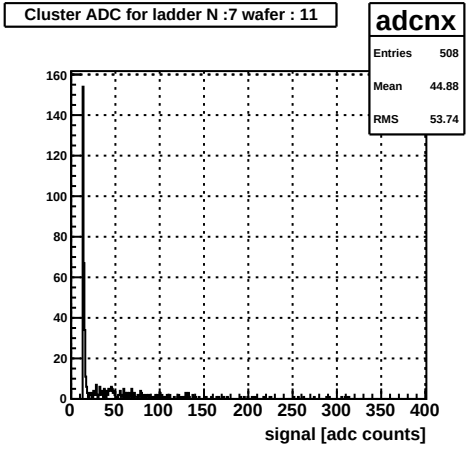

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 5199
Mean 33.54
RMS 38.87
signal [adc counts]

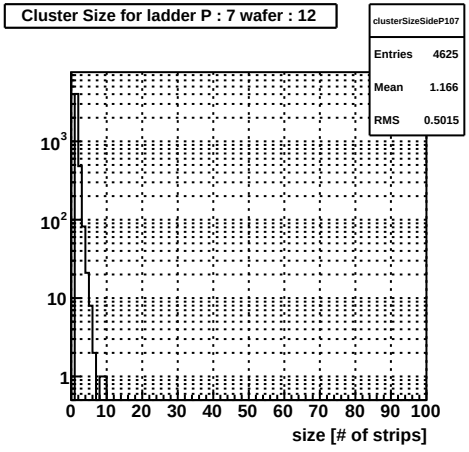

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 691
Mean 1.294
RMS 0.6381
size [# of strips]

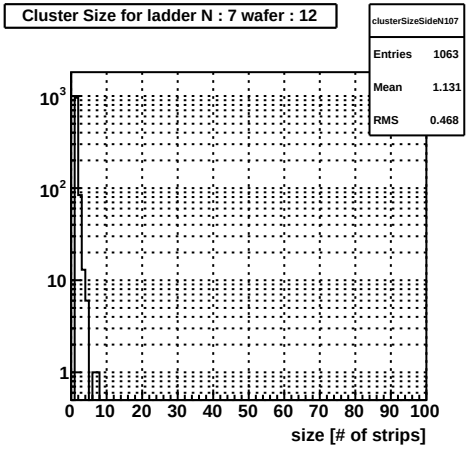

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 508
Mean 1.331
RMS 0.6676
size [# of strips]

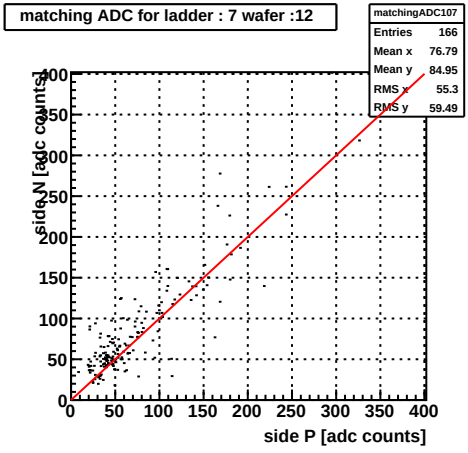

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

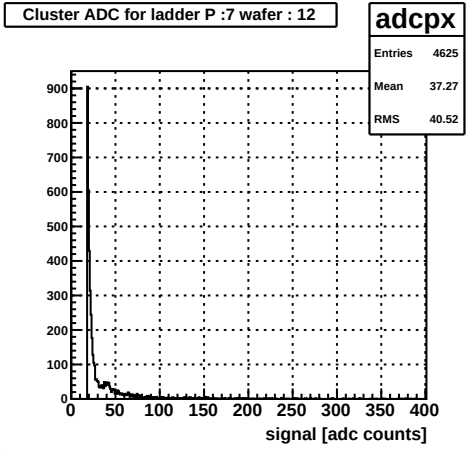

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 691
Mean 41.77
RMS 45.66
signal [adc counts]

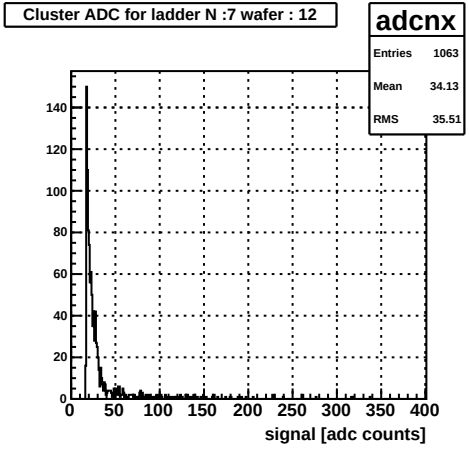

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 508
Mean 44.88
RMS 53.74
signal [adc counts]

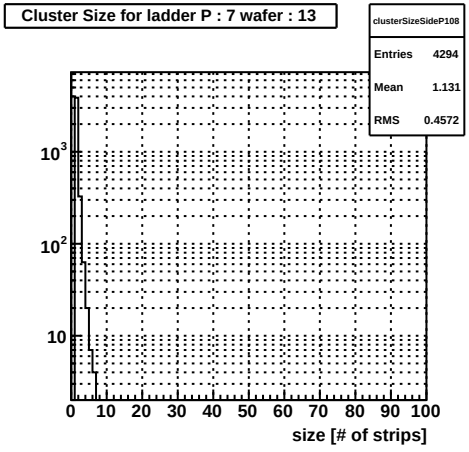

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 4625
Mean 1.166
RMS 0.5015
size [# of strips]

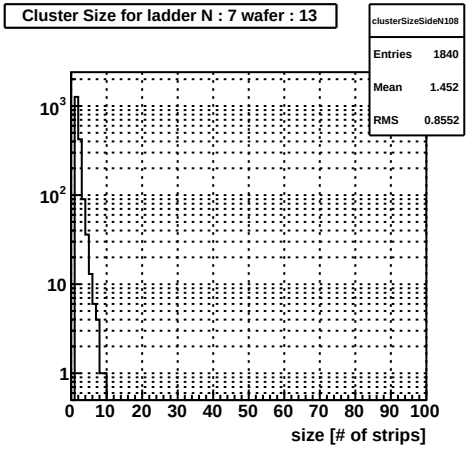

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 1063
Mean 1.131
RMS 0.468
size [# of strips]

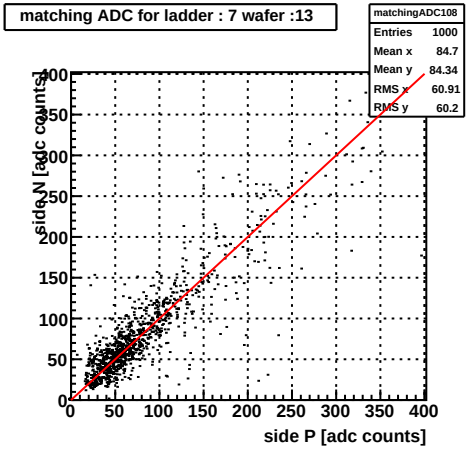

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 166
Mean x 76.79
Mean y 84.95
RMS x 55.3
RMS y 59.49
side N [adc counts]
side P [adc counts]

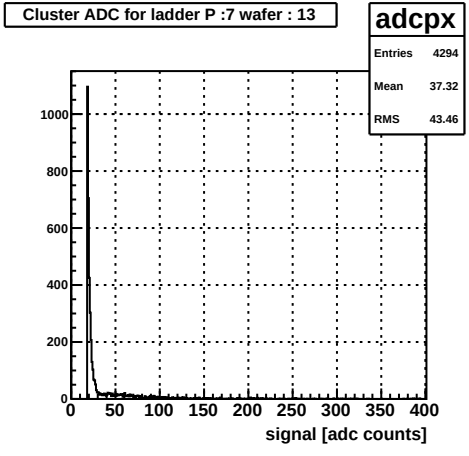

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 4625
Mean 37.27
RMS 40.52
signal [adc counts]

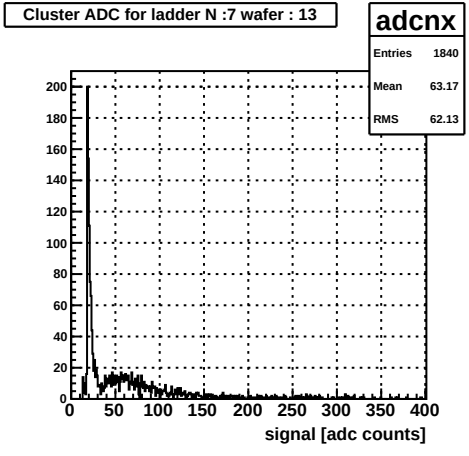

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 1063
Mean 34.13
RMS 35.51
signal [adc counts]

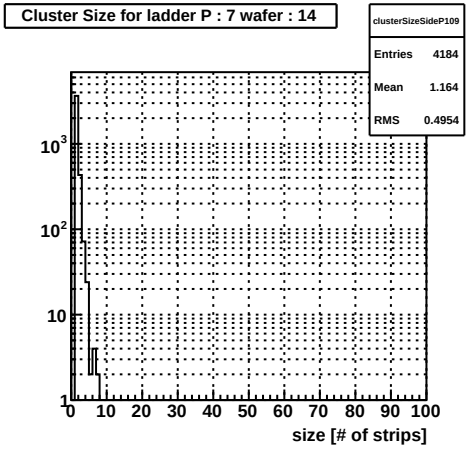

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 4294
Mean 1.131
RMS 0.4572
size [# of strips]

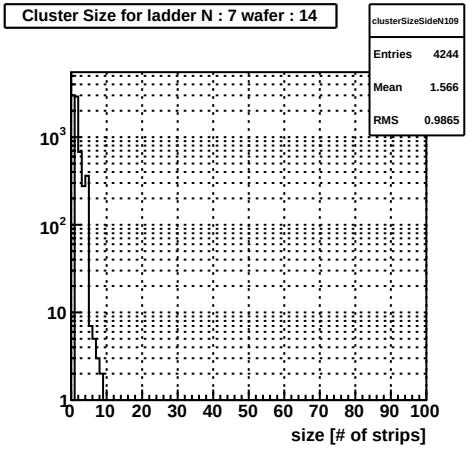

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 1840
Mean 1.452
RMS 0.8552
size [# of strips]

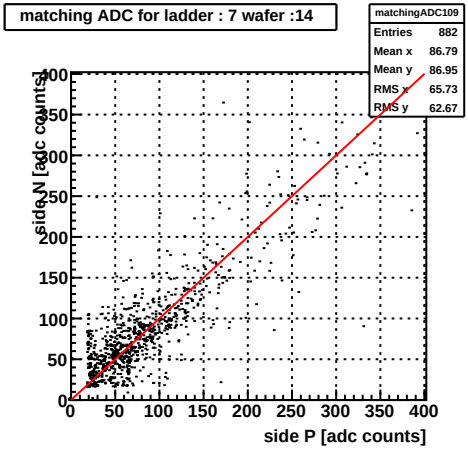

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 1000
Mean x 84.7
Mean y 84.34
RMS x 60.91
RMS y 60.2
side N [adc counts]
side P [adc counts]

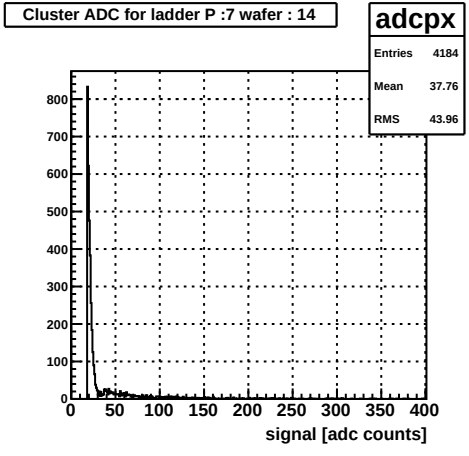

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 4294
Mean 37.32
RMS 43.46
signal [adc counts]

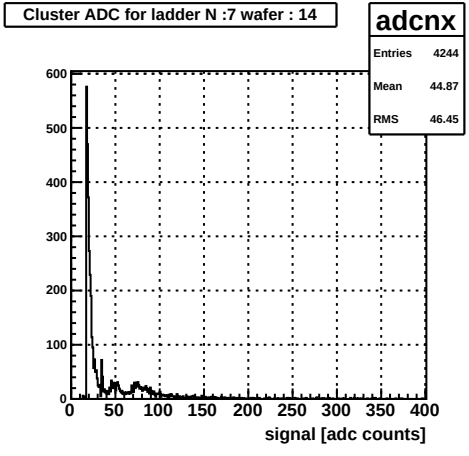

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 1840
Mean 63.17
RMS 62.13
signal [adc counts]

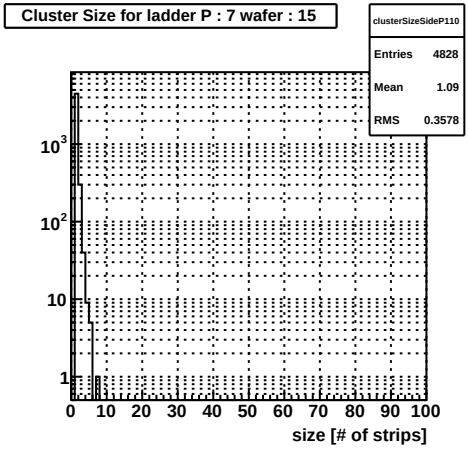

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 4184
Mean 1.164
RMS 0.4954
size [# of strips]

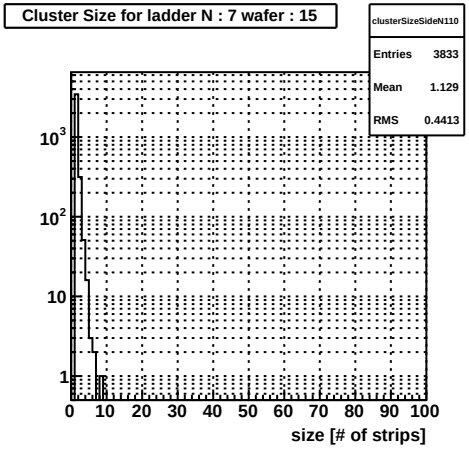

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 4244
Mean 1.566
RMS 0.9865
size [# of strips]

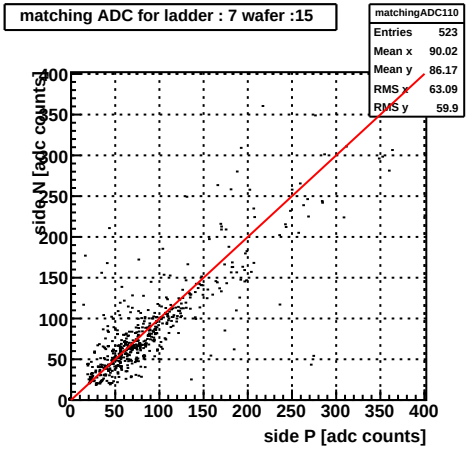

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 882
Mean x 86.79
Mean y 86.95
RMS x 65.73
RMS y 62.67
side N [adc counts]
side P [adc counts]

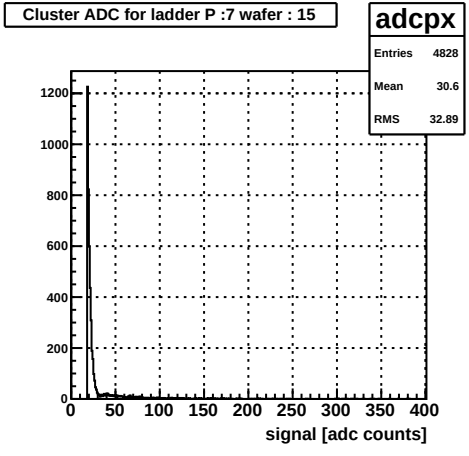

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 4184
Mean 37.76
RMS 43.96
signal [adc counts]

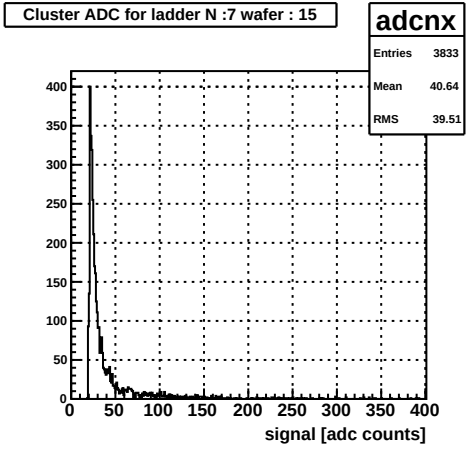

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 4244
Mean 44.87
RMS 46.45
signal [adc counts]

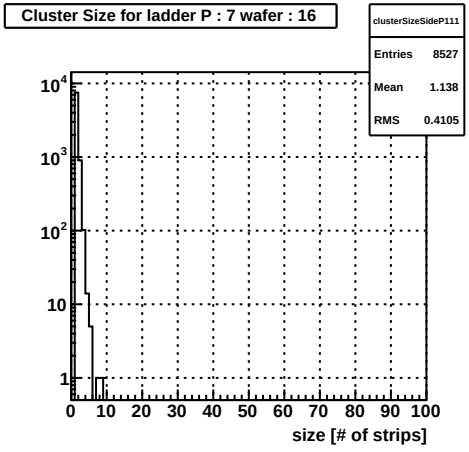

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 4828
Mean 1.09
RMS 0.3578
size [# of strips]

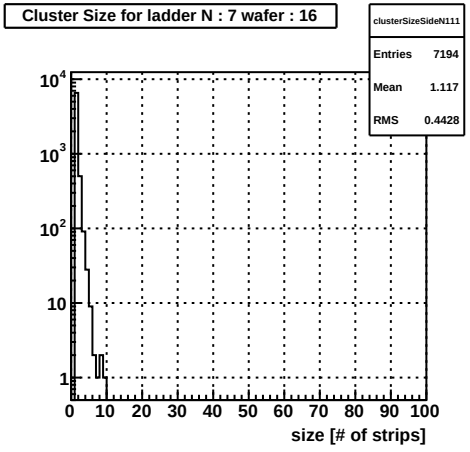

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 3833
Mean 1.129
RMS 0.4413
size [# of strips]

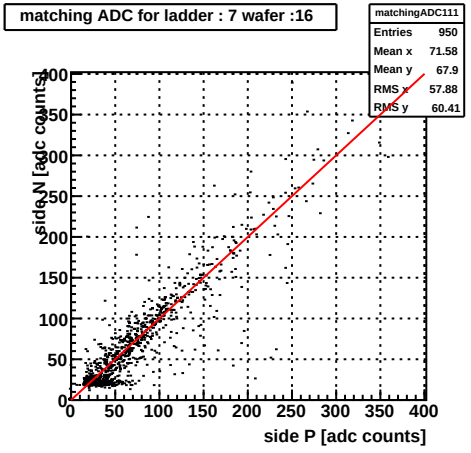

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 523
Mean x 90.02
Mean y 86.17
RMS x 63.09
RMS y 59.9
side N [adc counts]
side P [adc counts]

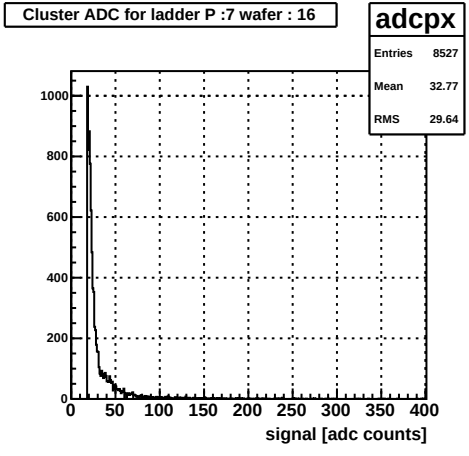

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 4828
Mean 30.6
RMS 32.89
signal [adc counts]

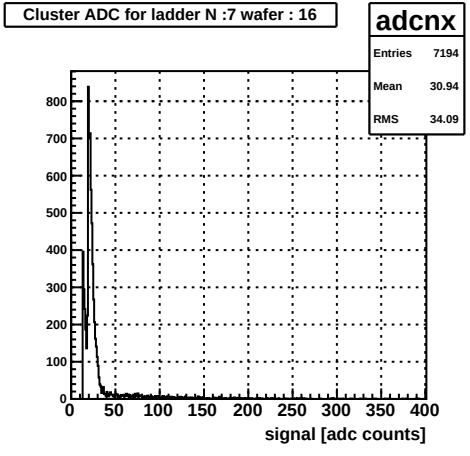

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 3833
Mean 40.64
RMS 39.51
signal [adc counts]

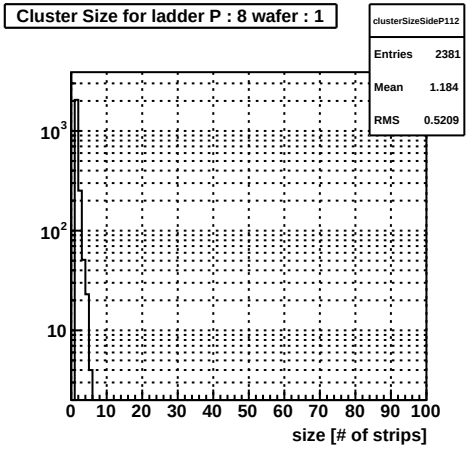

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 8527
Mean 1.138
RMS 0.4105
size [# of strips]

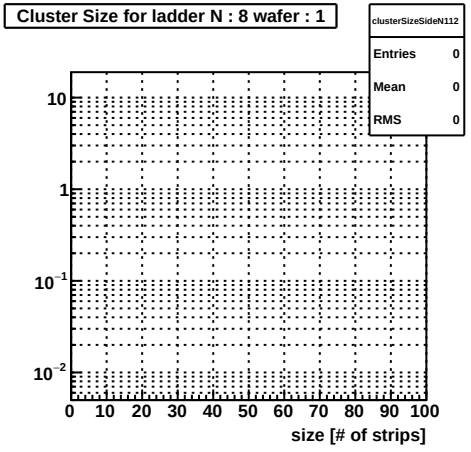

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 7194
Mean 1.117
RMS 0.4428
size [# of strips]

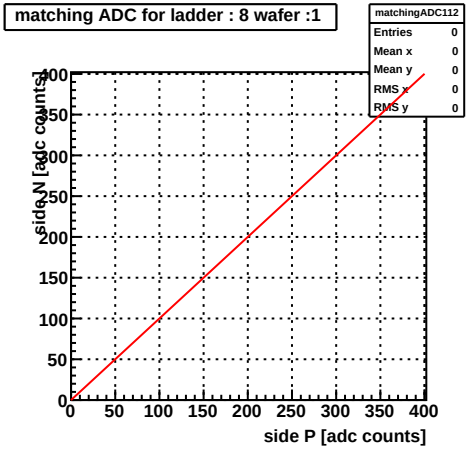

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 950
Mean x 71.58
Mean y 67.9
RMS x 57.88
RMS y 60.41
side N [adc counts]
side P [adc counts]

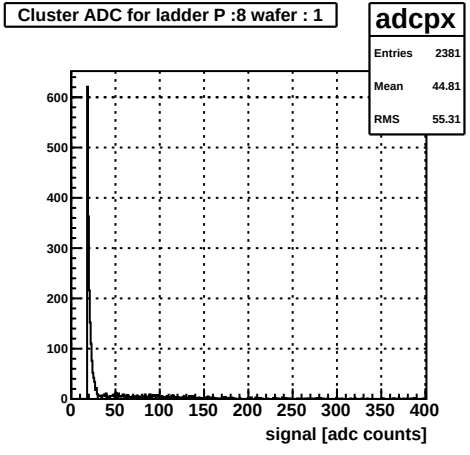

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 8527
Mean 32.77
RMS 29.64
signal [adc counts]

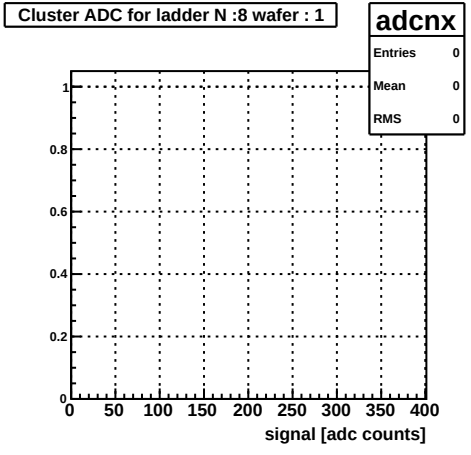

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 7194
Mean 30.94
RMS 34.09
signal [adc counts]

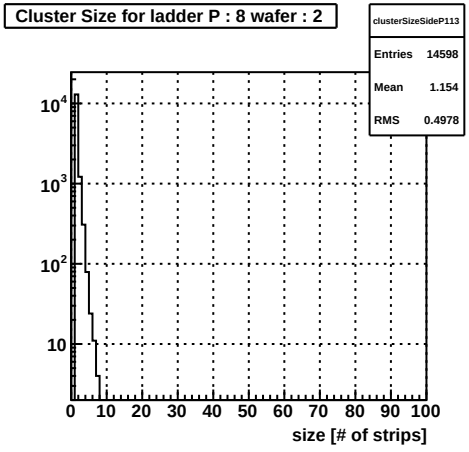

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 2381
Mean 1.184
RMS 0.5209
size [# of strips]

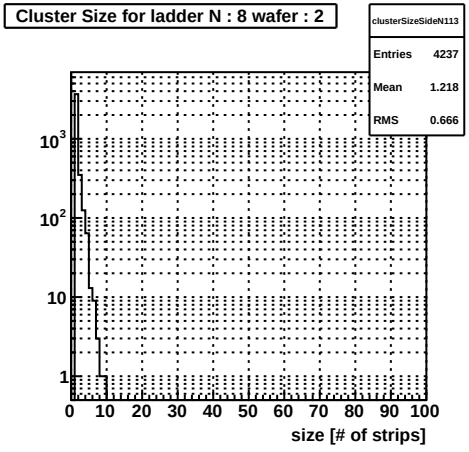

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

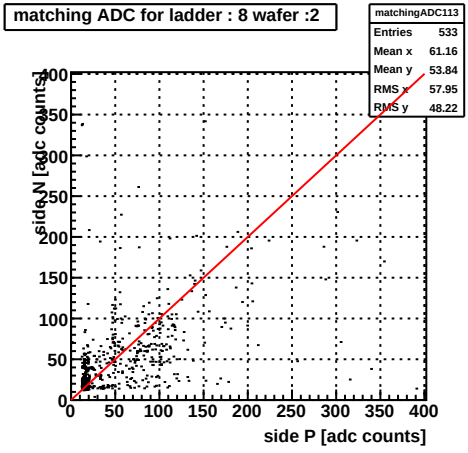

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

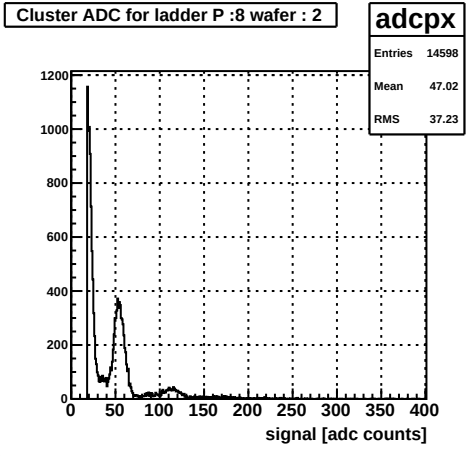

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 2381
Mean 44.81
RMS 55.31
signal [adc counts]

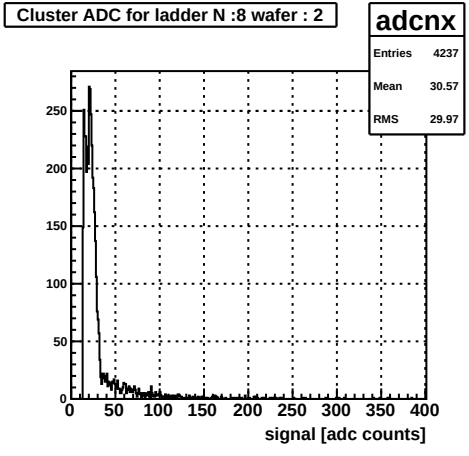

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

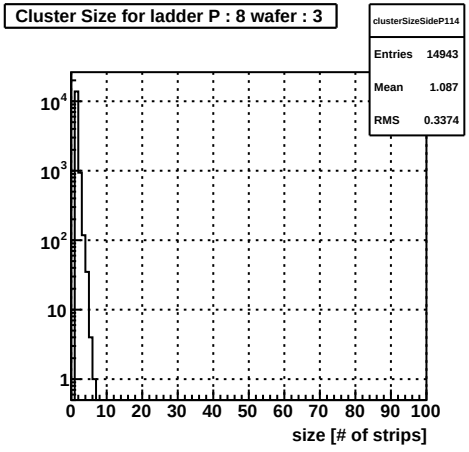

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 14598
Mean 1.154
RMS 0.4978
size [# of strips]

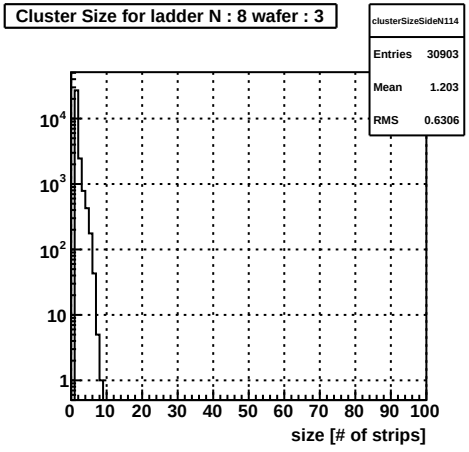

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 4237
Mean 1.218
RMS 0.666
size [# of strips]

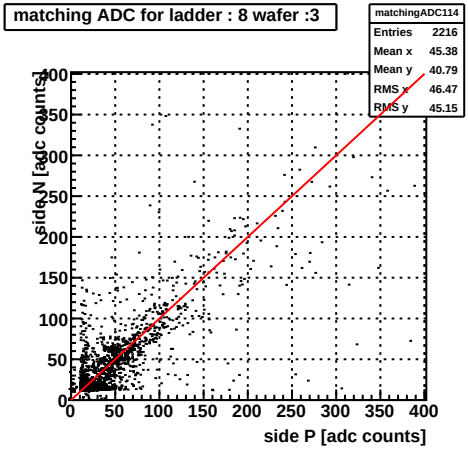

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 533
Mean x 61.16
Mean y 53.84
RMS x 57.95
RMS y 48.22
side N [adc counts]
side P [adc counts]

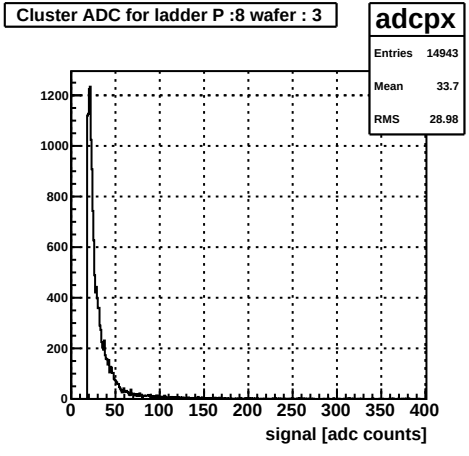

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 14598
Mean 47.02
RMS 37.23
signal [adc counts]

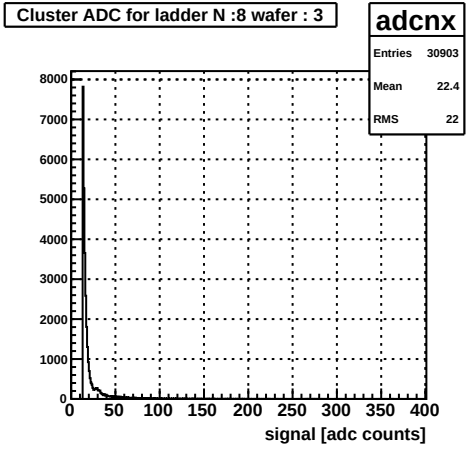

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 4237
Mean 30.57
RMS 29.97
signal [adc counts]

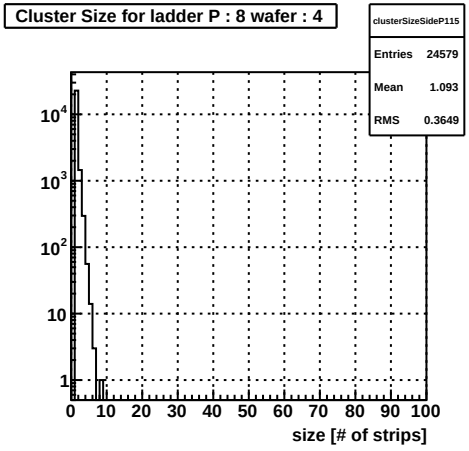

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 14943
Mean 1.087
RMS 0.3374
size [# of strips]

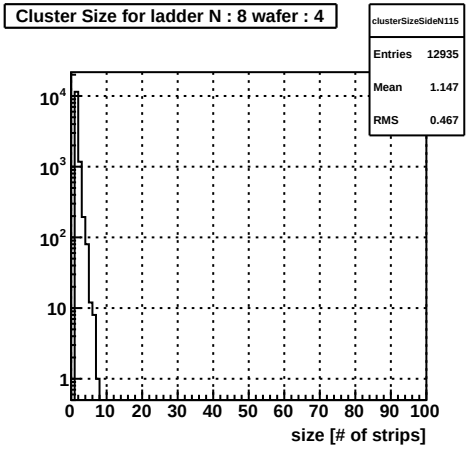

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 30903
Mean 1.203
RMS 0.6306
size [# of strips]

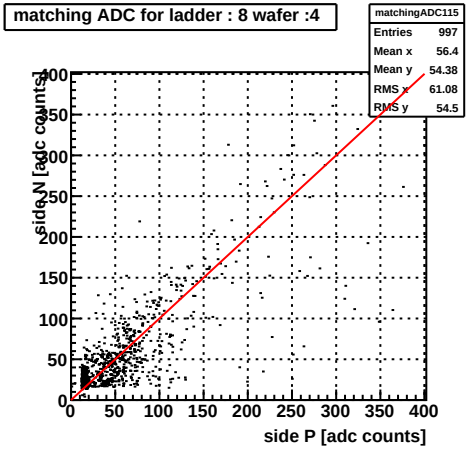

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 2216
Mean x 45.38
Mean y 40.79
RMS x 46.47
RMS y 45.15
side N [adc counts]
side P [adc counts]

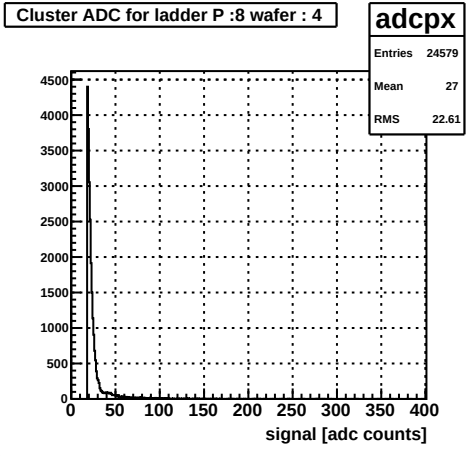

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 14943
Mean 33.7
RMS 28.98
signal [adc counts]

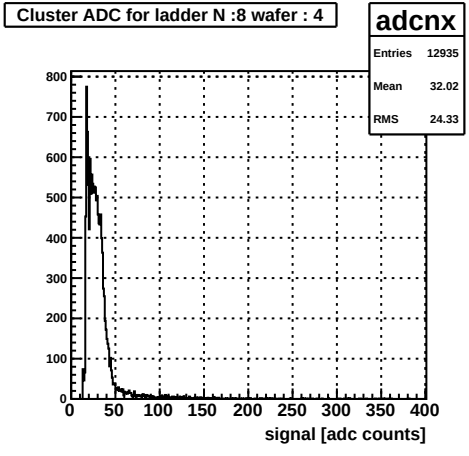

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 30903
Mean 22.4
RMS 22
signal [adc counts]

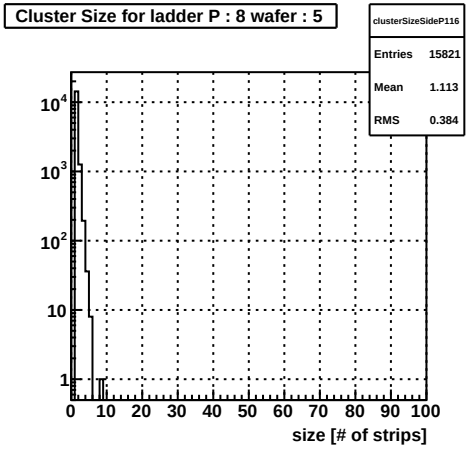

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 24579
Mean 1.093
RMS 0.3649
size [# of strips]

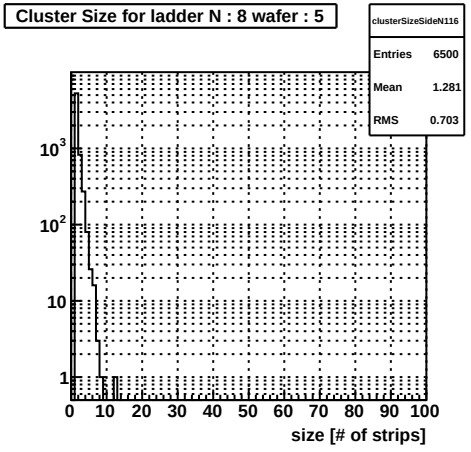

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 12935
Mean 1.147
RMS 0.467
size [# of strips]

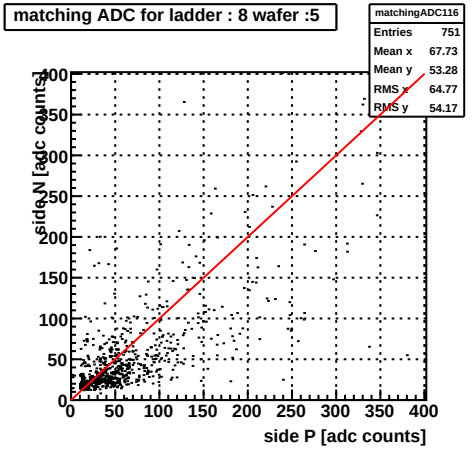

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 997
Mean x 56.4
Mean y 54.38
RMS x 61.08
RMS y 54.5
side N [adc counts]
side P [adc counts]

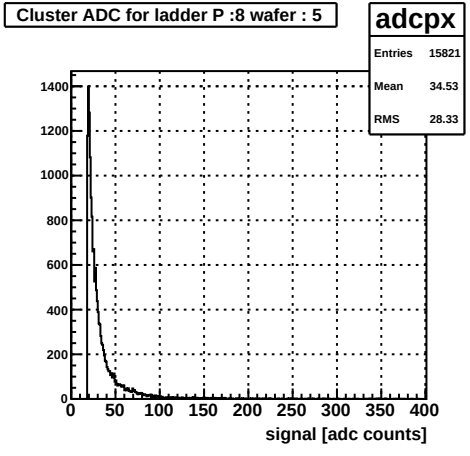

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 24579
Mean 27
RMS 22.61
signal [adc counts]

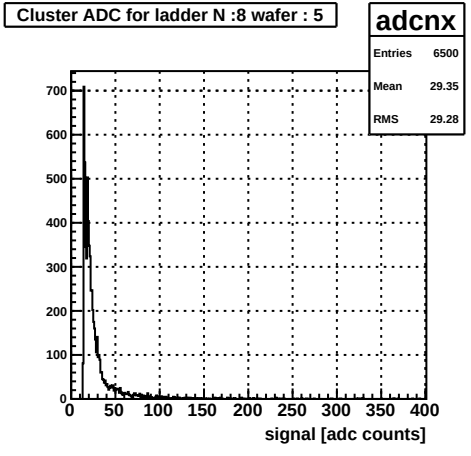

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 12935
Mean 32.02
RMS 24.33
signal [adc counts]

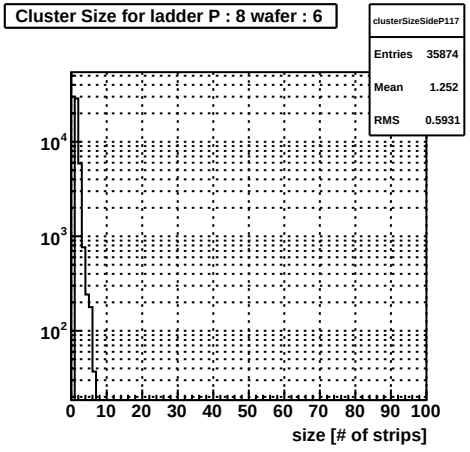

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 15821
Mean 1.113
RMS 0.384
size [# of strips]

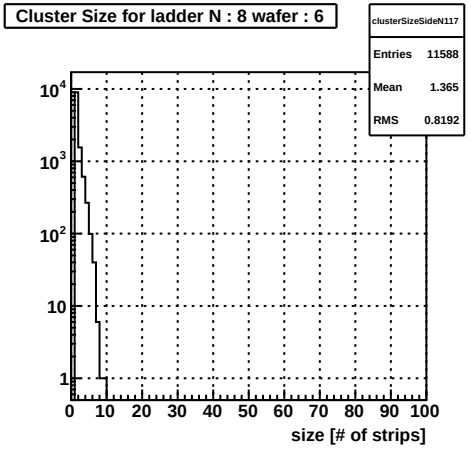

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 6500
Mean 1.281
RMS 0.703
size [# of strips]

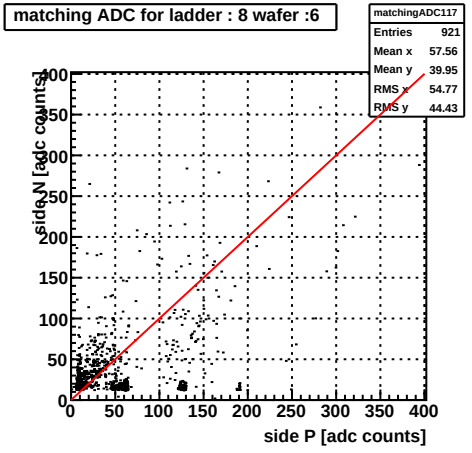

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 751
Mean x 67.73
Mean y 53.28
RMS x 64.77
RMS y 54.17
side N [adc counts]
side P [adc counts]

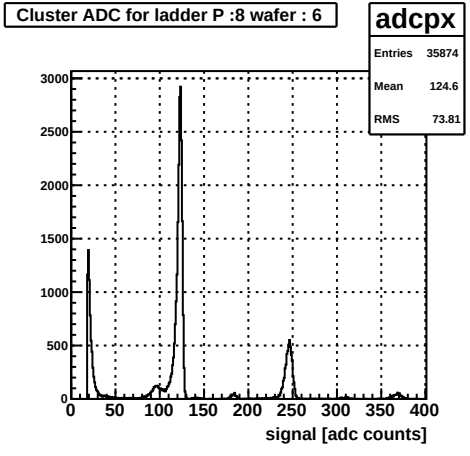

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 15821
Mean 34.53
RMS 28.33
signal [adc counts]

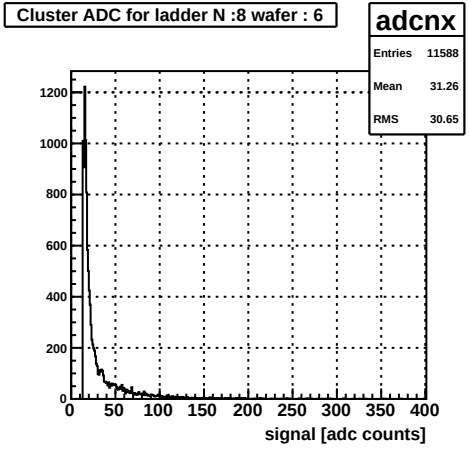

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 6500
Mean 29.35
RMS 29.28
signal [adc counts]

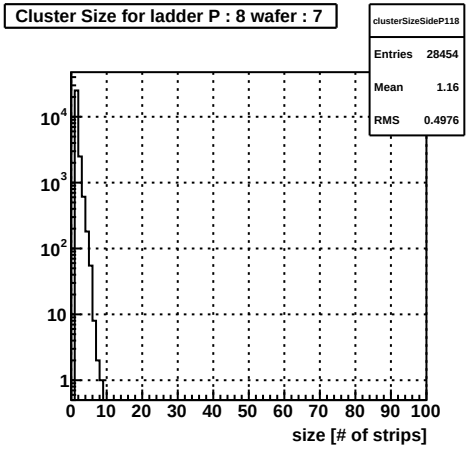

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 35874
Mean 1.252
RMS 0.5931
size [# of strips]

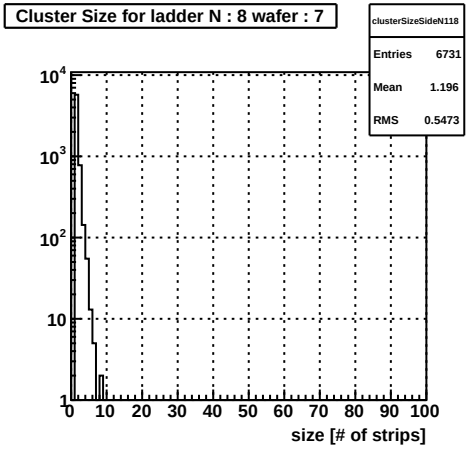

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 11588
Mean 1.365
RMS 0.8192
size [# of strips]

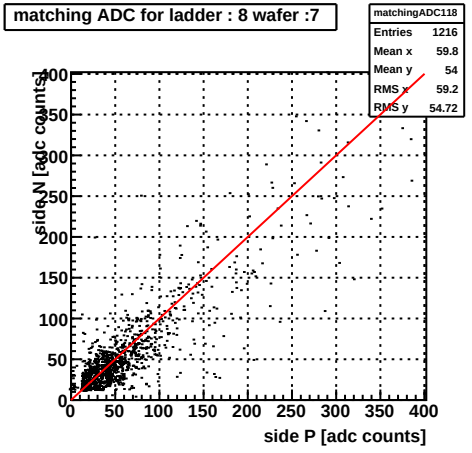

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 921
Mean x 57.56
Mean y 39.95
RMS x 54.77
RMS y 44.43
side N [adc counts]
side P [adc counts]

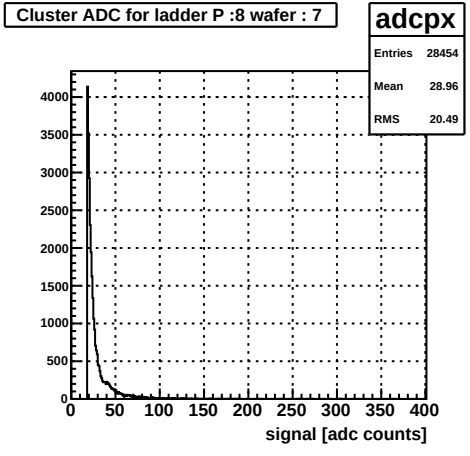

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 35874
Mean 124.6
RMS 73.81
signal [adc counts]

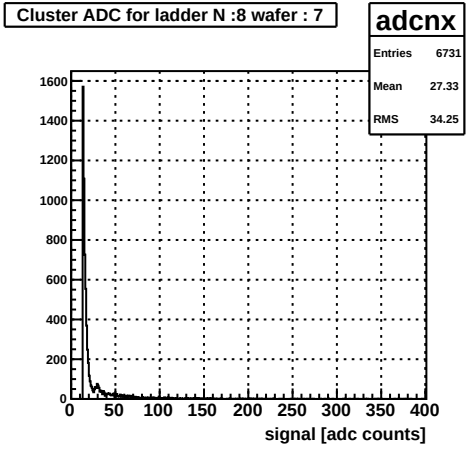

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 11588
Mean 31.26
RMS 30.65
signal [adc counts]

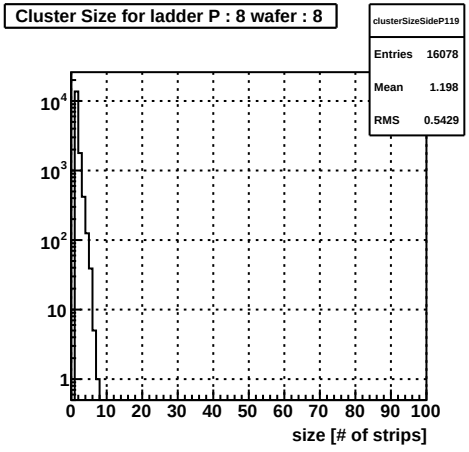

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 28454
Mean 1.16
RMS 0.4976
size [# of strips]

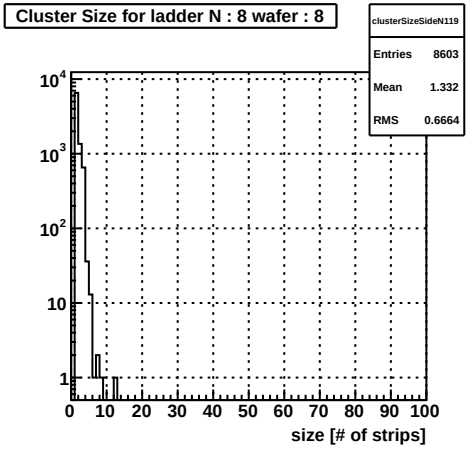

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 6731
Mean 1.196
RMS 0.5473
size [# of strips]

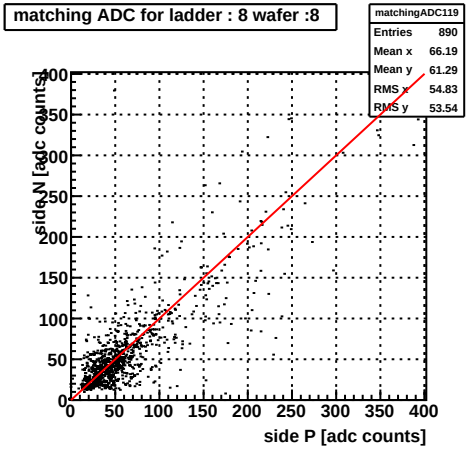

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 1216
Mean x 59.8
Mean y 54
RMS x 59.2
RMS y 54.72
side N [adc counts]
side P [adc counts]

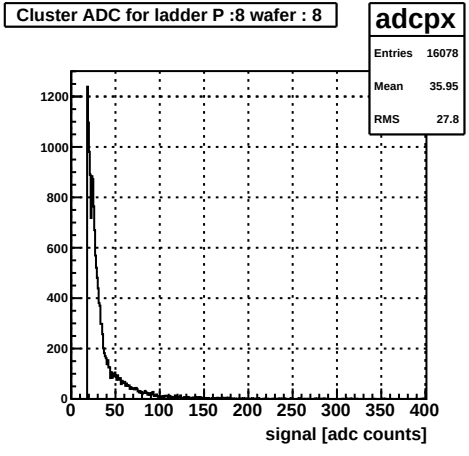

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 28454
Mean 28.96
RMS 20.49
signal [adc counts]

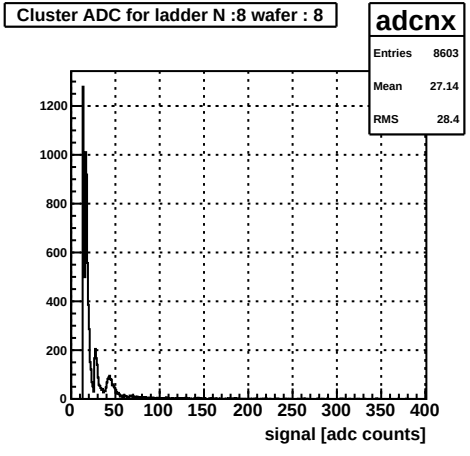

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 6731
Mean 27.33
RMS 34.25
signal [adc counts]

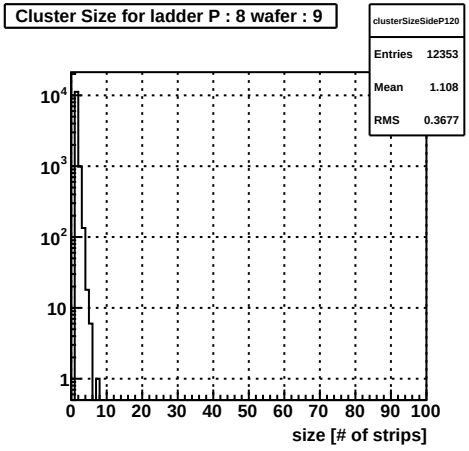

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 16078
Mean 1.198
RMS 0.5429
size [# of strips]

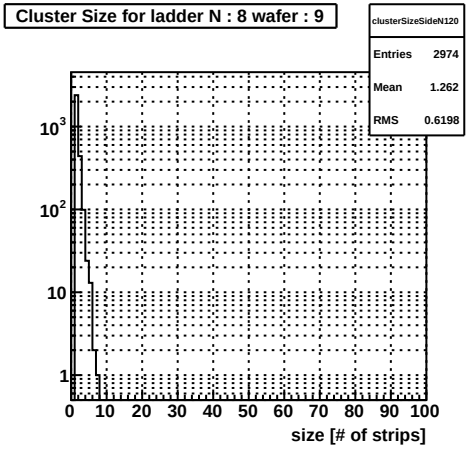

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 8603
Mean 1.332
RMS 0.6664
size [# of strips]

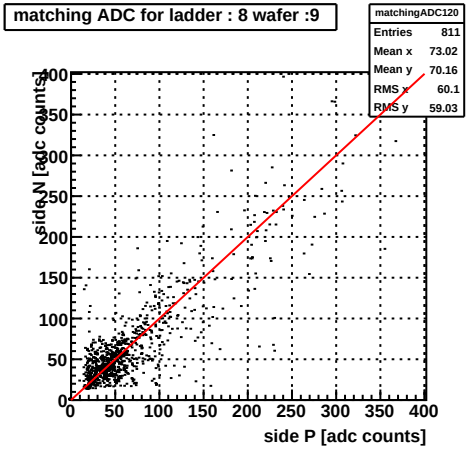

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 890
Mean x 66.19
Mean y 61.29
RMS x 54.83
RMS y 53.54
side N [adc counts]
side P [adc counts]

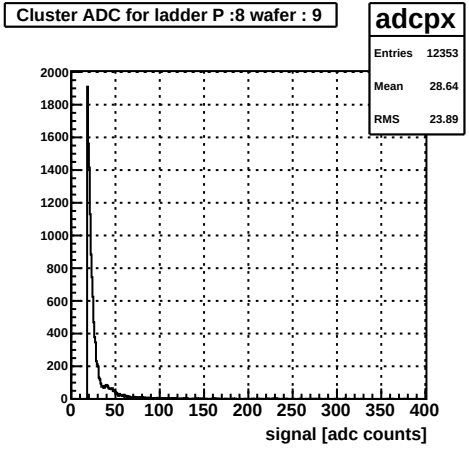

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 16078
Mean 35.95
RMS 27.8
signal [adc counts]

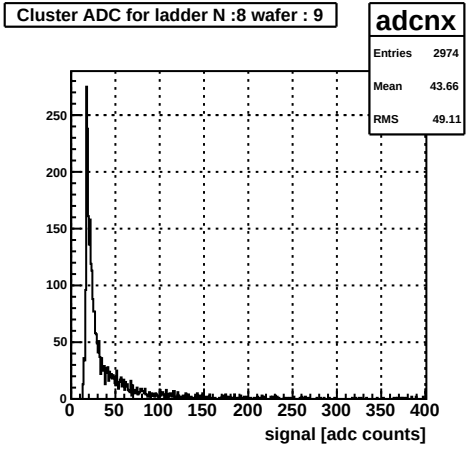

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 8603
Mean 27.14
RMS 28.4
signal [adc counts]

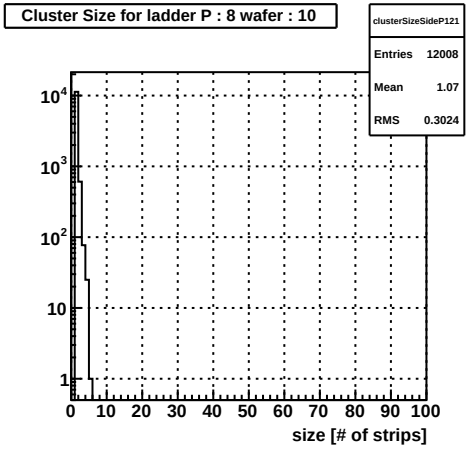

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 12353
Mean 1.108
RMS 0.3677
size [# of strips]

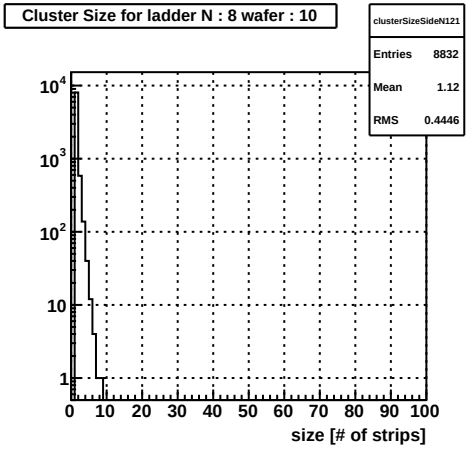

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 2974
Mean 1.262
RMS 0.6198
size [# of strips]

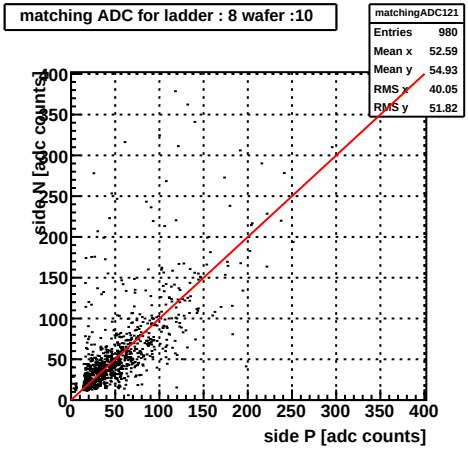

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 811
Mean x 73.02
Mean y 70.16
RMS x 60.1
RMS y 59.03
side N [adc counts]
side P [adc counts]

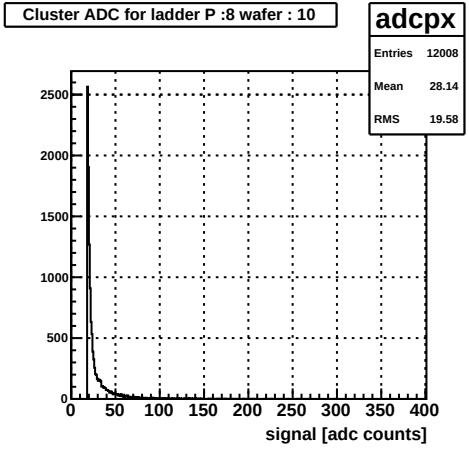

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 12353
Mean 28.64
RMS 23.89
signal [adc counts]

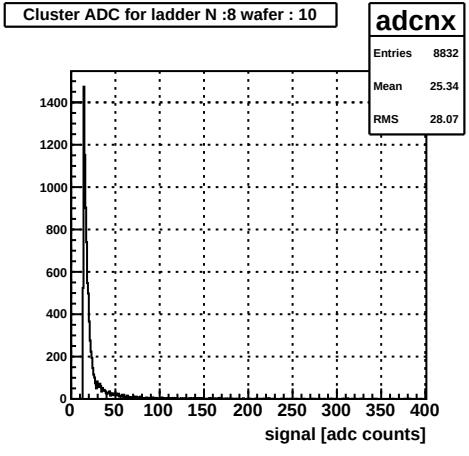

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 2974
Mean 43.66
RMS 49.11
signal [adc counts]

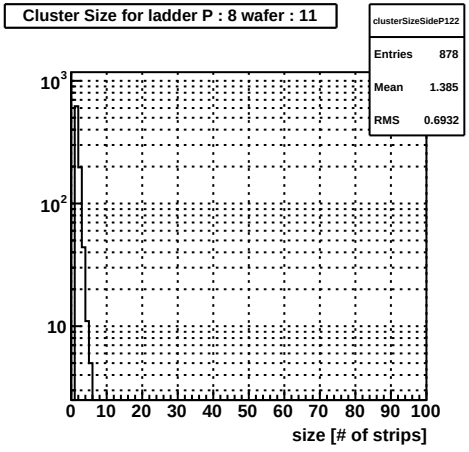

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 12008
Mean 1.07
RMS 0.3024
size [# of strips]

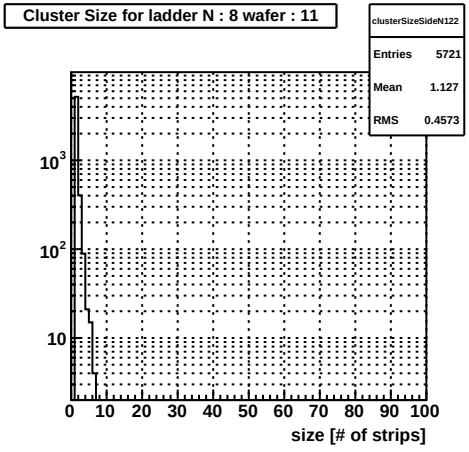

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 8832
Mean 1.12
RMS 0.4446
size [# of strips]

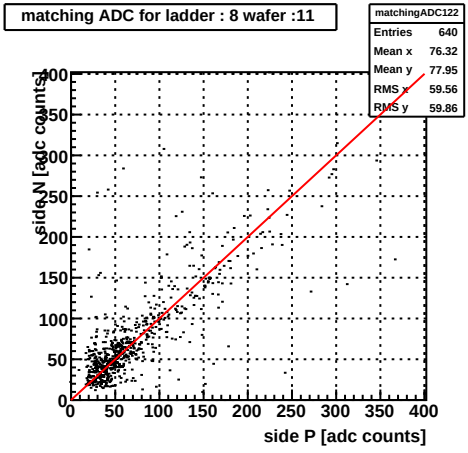

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 980
Mean x 52.59
Mean y 54.93
RMS x 40.05
RMS y 51.82
side N [adc counts]
side P [adc counts]

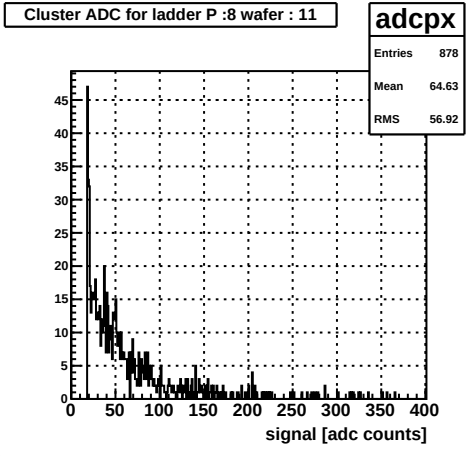

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 12008
Mean 28.14
RMS 19.58
signal [adc counts]

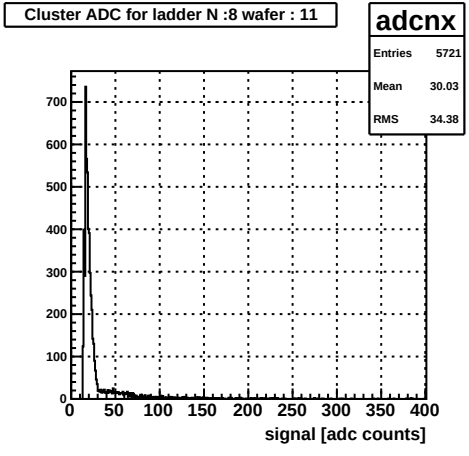

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 8832
Mean 25.34
RMS 28.07
signal [adc counts]

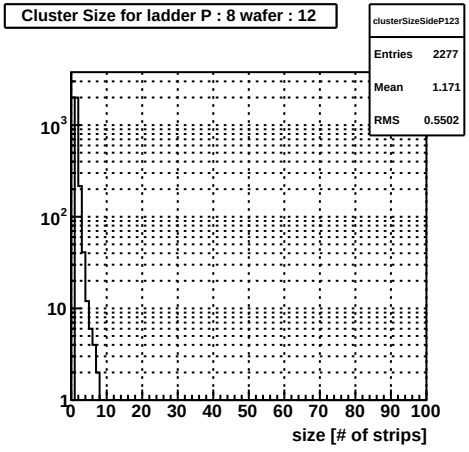

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 878
Mean 1.385
RMS 0.6932
size [# of strips]

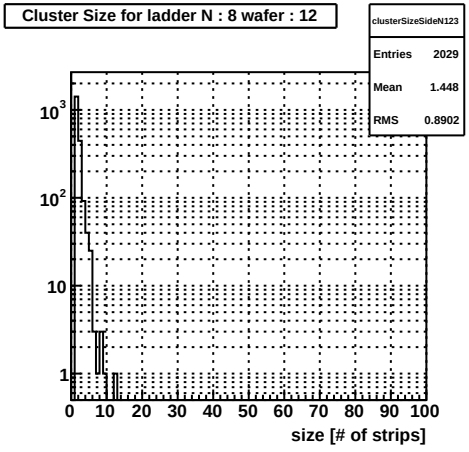

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 5721
Mean 1.127
RMS 0.4573
size [# of strips]

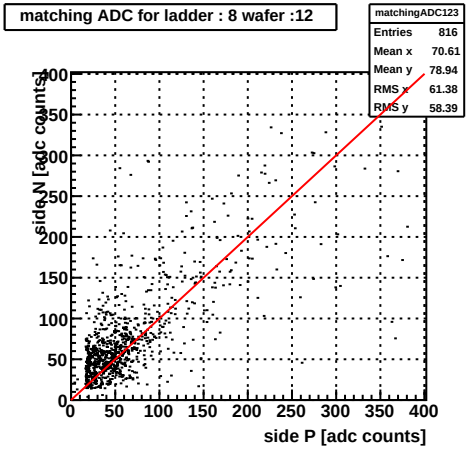

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 640
Mean x 76.32
Mean y 77.95
RMS x 59.56
RMS y 59.86
side N [adc counts]
side P [adc counts]

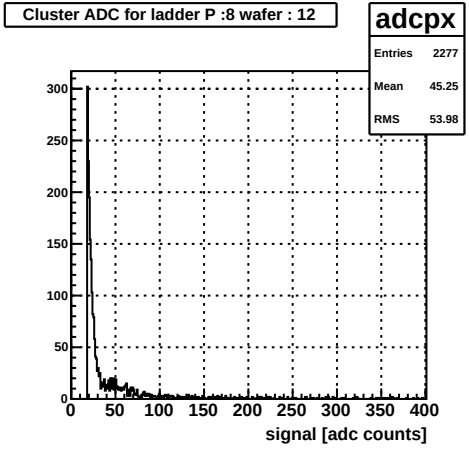

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 878
Mean 64.63
RMS 56.92
signal [adc counts]

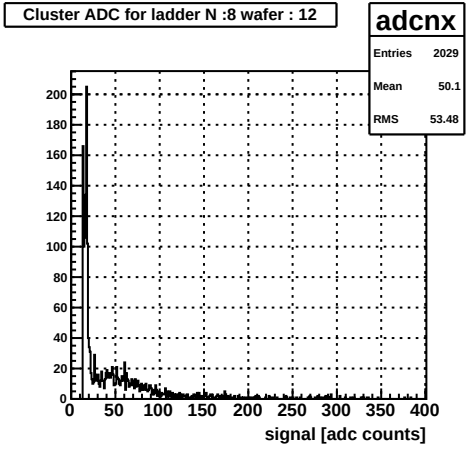

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 5721
Mean 30.03
RMS 34.38
signal [adc counts]

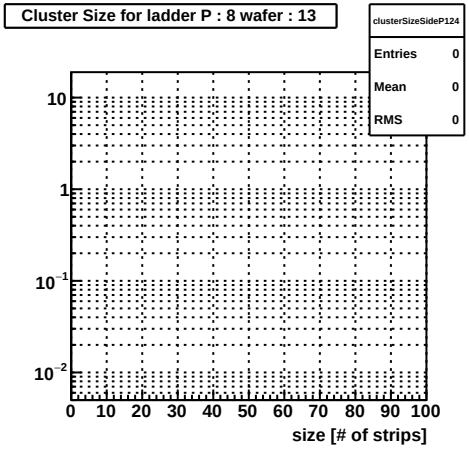

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 2277
Mean 1.171
RMS 0.5502
size [# of strips]

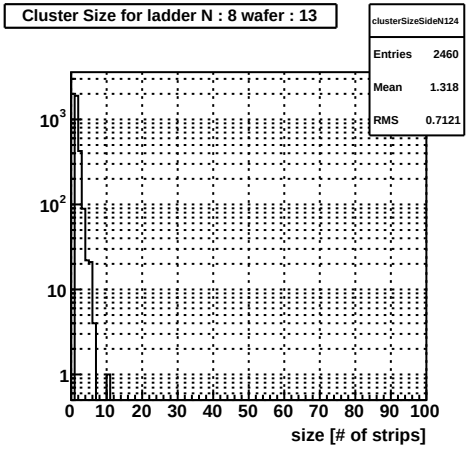

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 2029
Mean 1.448
RMS 0.8902
size [# of strips]

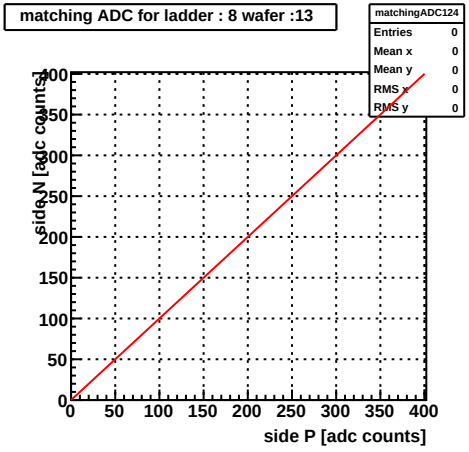

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 816
Mean x 70.61
Mean y 78.94
RMS x 61.38
RMS y 58.39
side N [adc counts]
side P [adc counts]

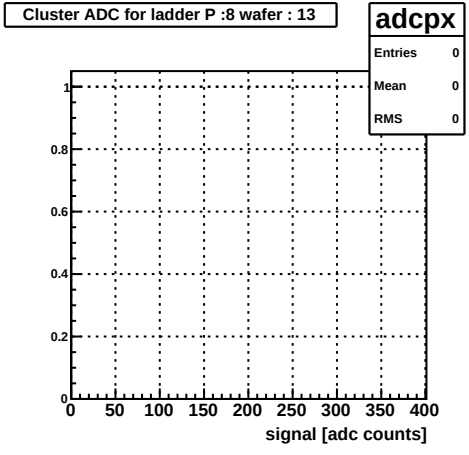

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 2277
Mean 45.25
RMS 53.98
signal [adc counts]

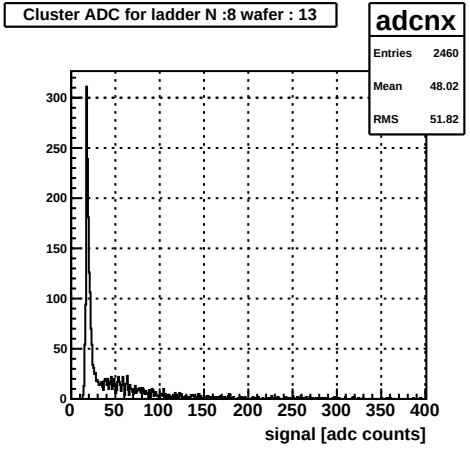

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 2029
Mean 50.1
RMS 53.48
signal [adc counts]

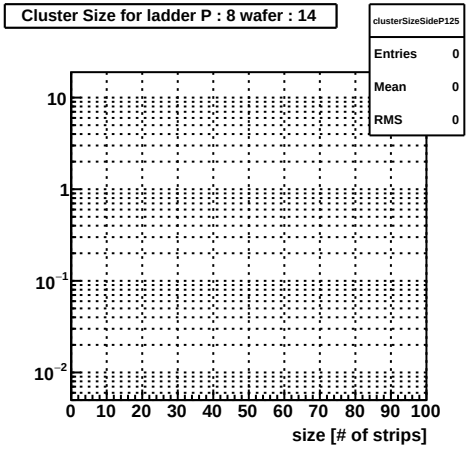

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

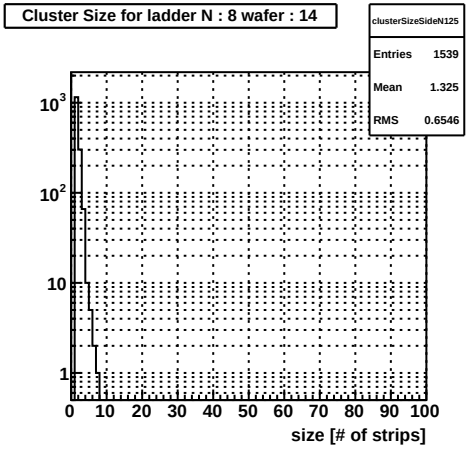

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 2460
Mean 1.318
RMS 0.7121
size [# of strips]

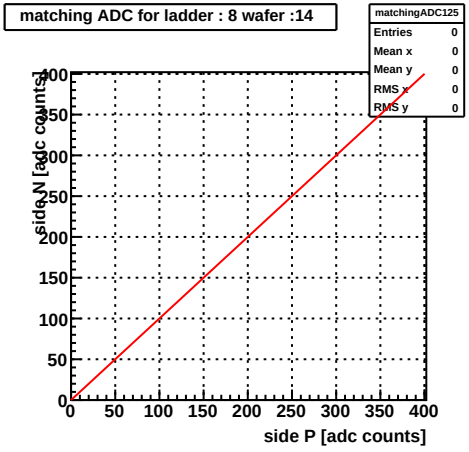

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

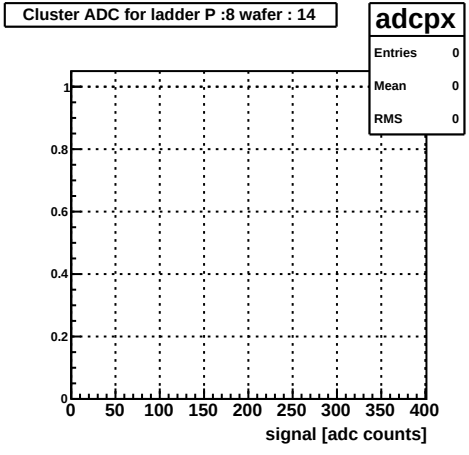

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

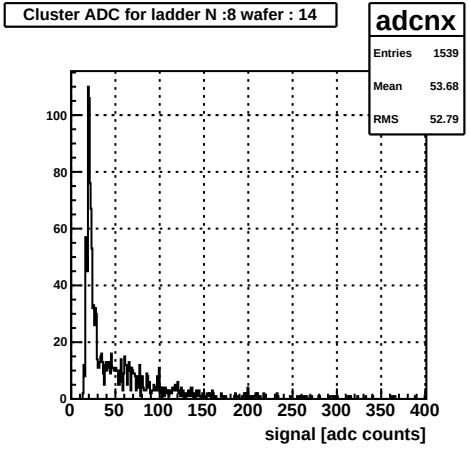

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 2460
Mean 48.02
RMS 51.82
signal [adc counts]

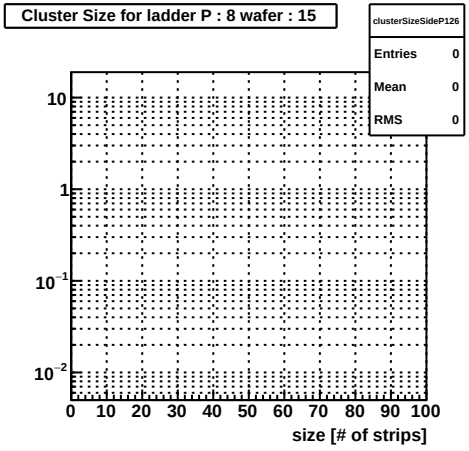

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

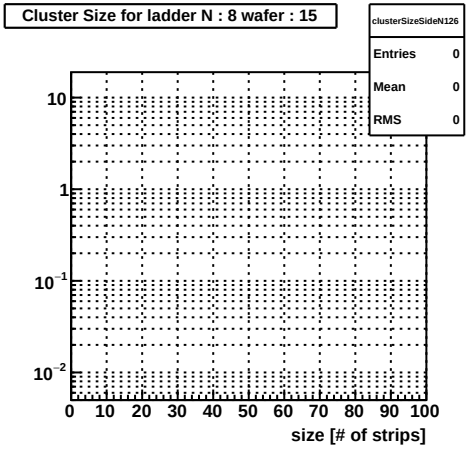

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 1539
Mean 1.325
RMS 0.6546
size [# of strips]

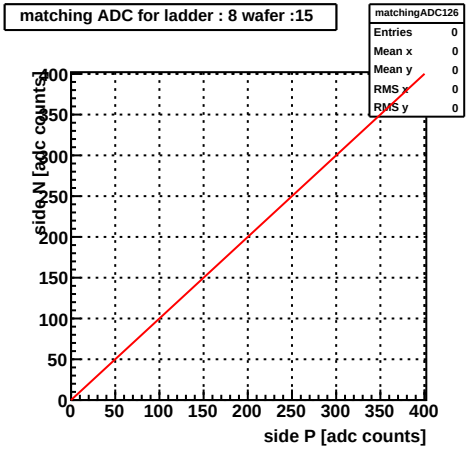

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

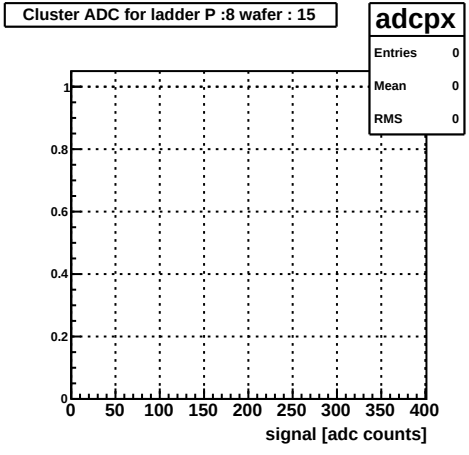

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

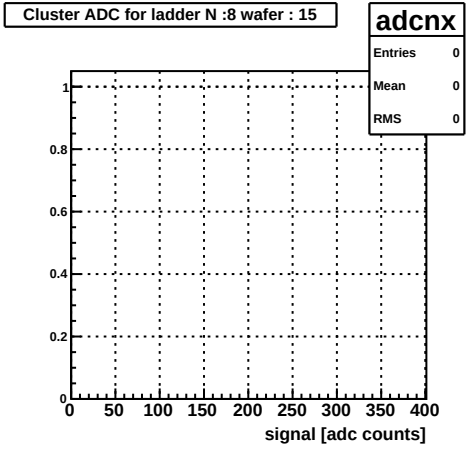

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 1539
Mean 53.68
RMS 52.79
signal [adc counts]

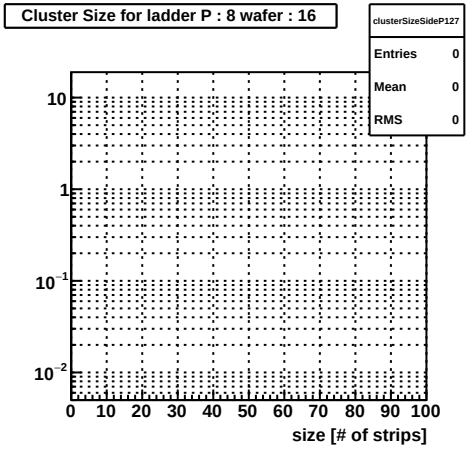

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 0
Mean 0
RMS 0
size [# of strips]

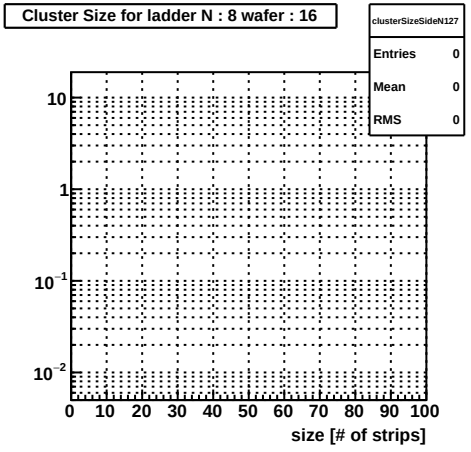

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

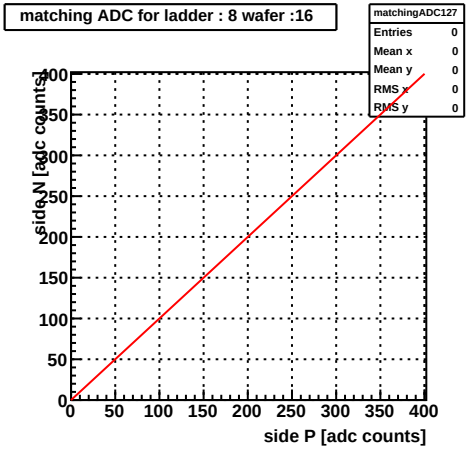

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

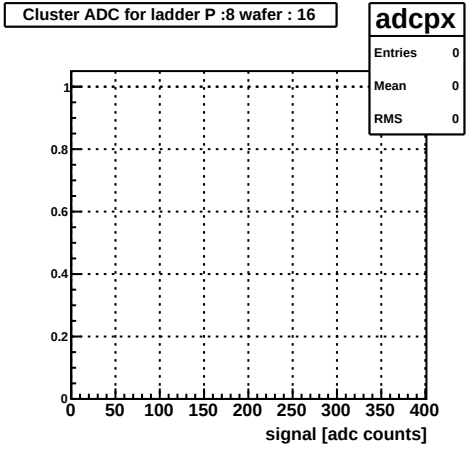

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

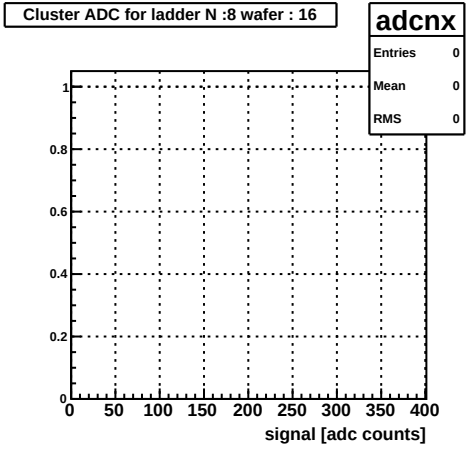

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

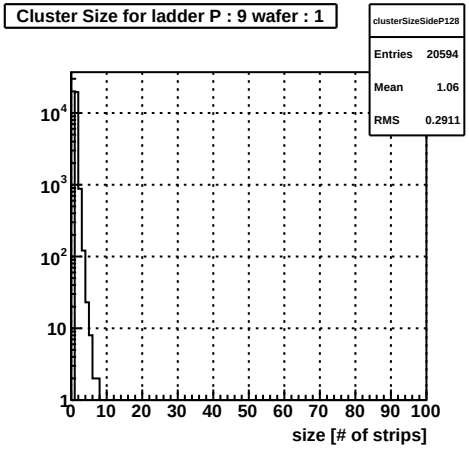

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

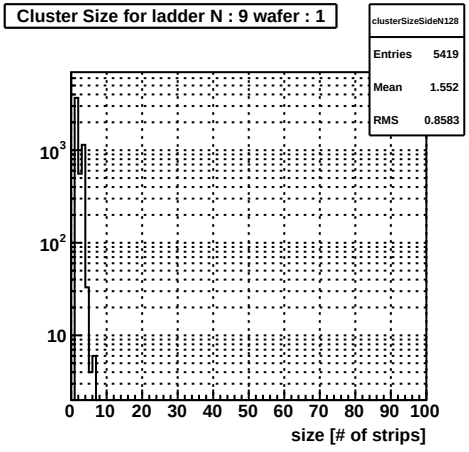

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

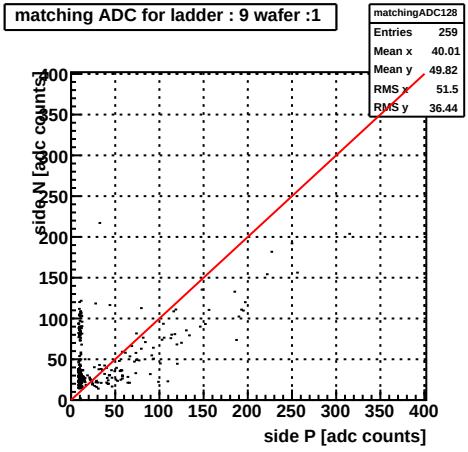

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

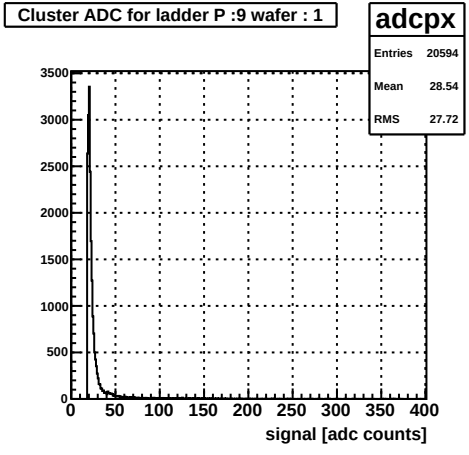

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

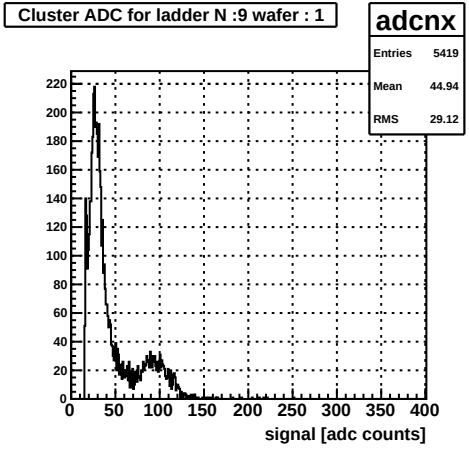

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

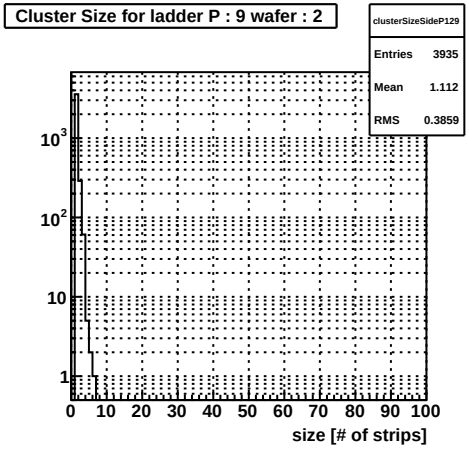

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 20594
Mean 1.06
RMS 0.2911
size [# of strips]

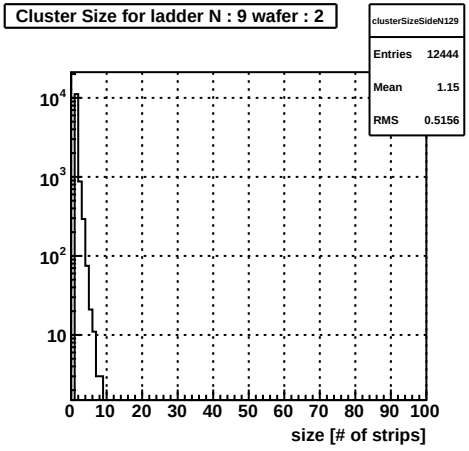

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 5419
Mean 1.552
RMS 0.8583
size [# of strips]

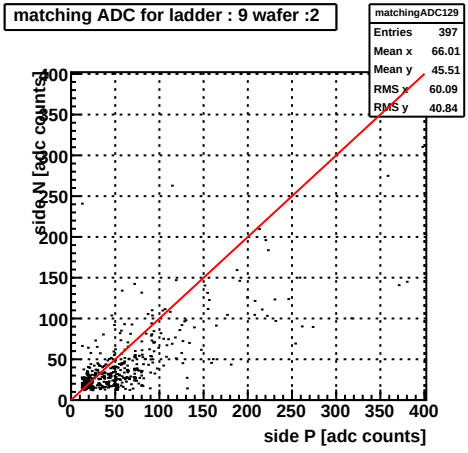

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 259
Mean x 40.01
Mean y 49.82
RMS x 51.5
RMS y 36.44
side N [adc counts]
side P [adc counts]

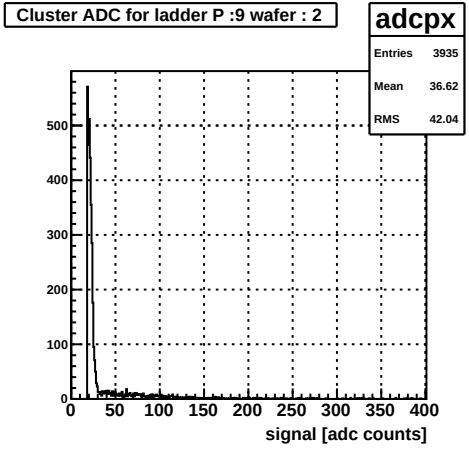

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 20594
Mean 28.54
RMS 27.72
signal [adc counts]

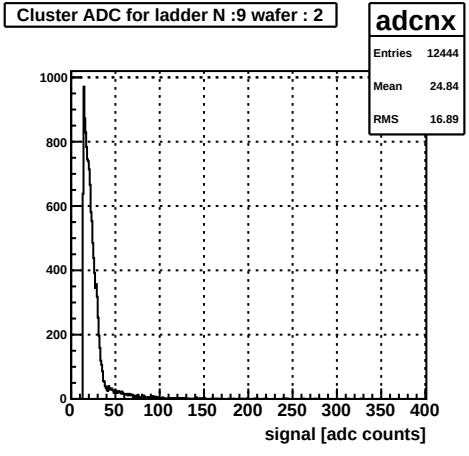

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 5419
Mean 44.94
RMS 29.12
signal [adc counts]

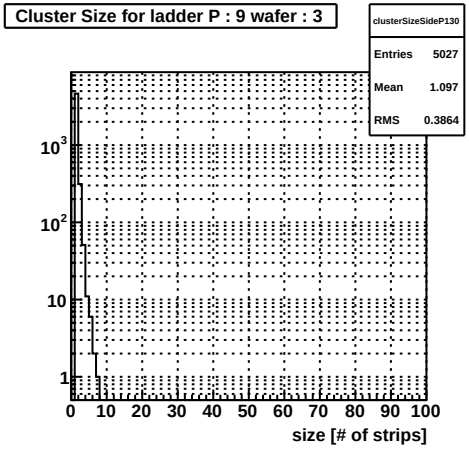

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 3935
Mean 1.112
RMS 0.3859
size [# of strips]

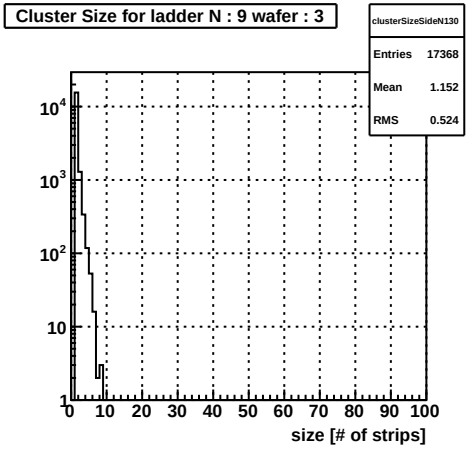

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 12444
Mean 1.15
RMS 0.5156
size [# of strips]

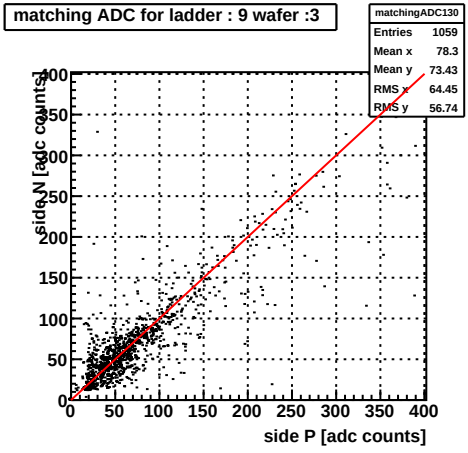

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 397
Mean x 66.01
Mean y 45.51
RMS x 60.09
RMS y 40.84
side N [adc counts]
side P [adc counts]

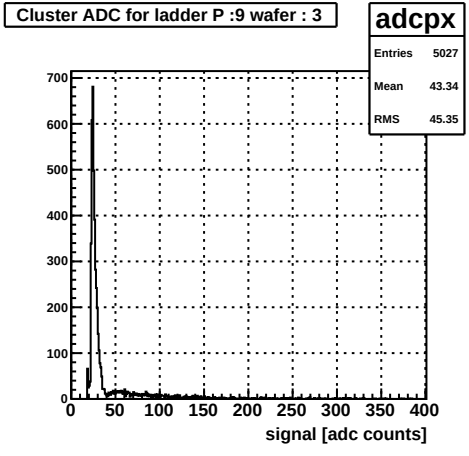

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 3935
Mean 36.62
RMS 42.04
signal [adc counts]

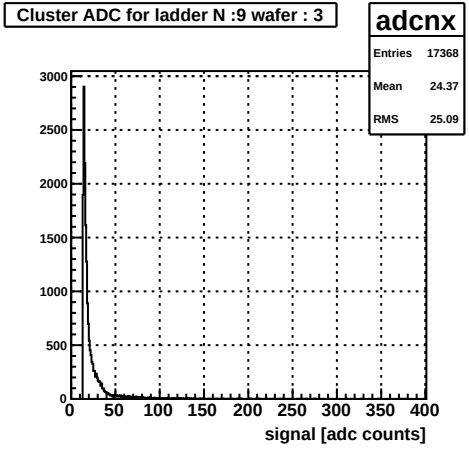

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 12444
Mean 24.84
RMS 16.89
signal [adc counts]

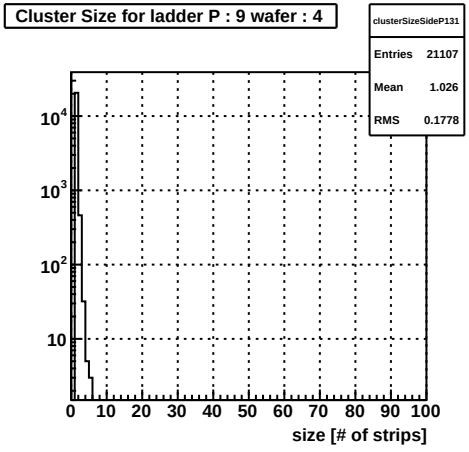

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 5027
Mean 1.097
RMS 0.3864
size [# of strips]

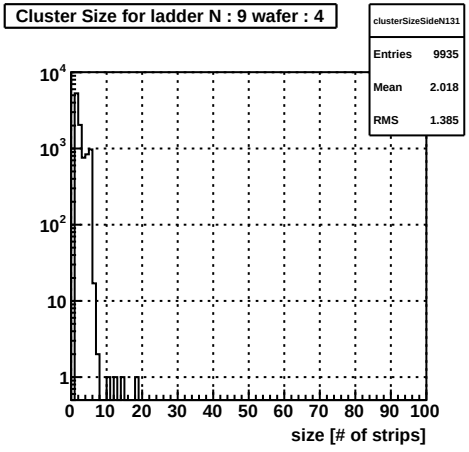

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 17368
Mean 1.152
RMS 0.524
size [# of strips]

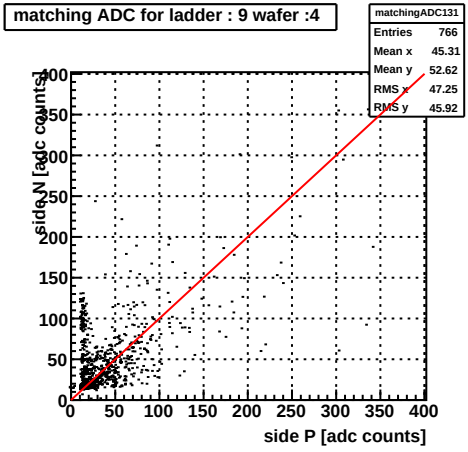

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 1059
Mean x 78.3
Mean y 73.43
RMS x 64.45
RMS y 56.74
side N [adc counts]
side P [adc counts]

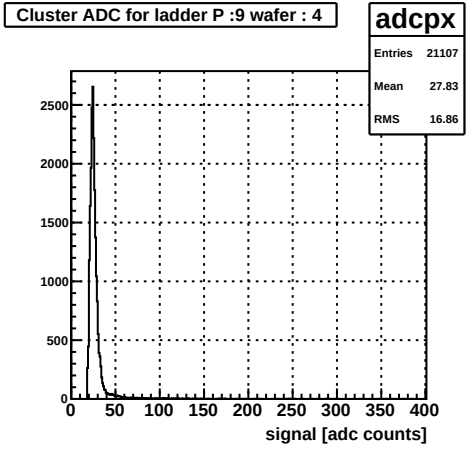

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 5027
Mean 43.34
RMS 45.35
signal [adc counts]

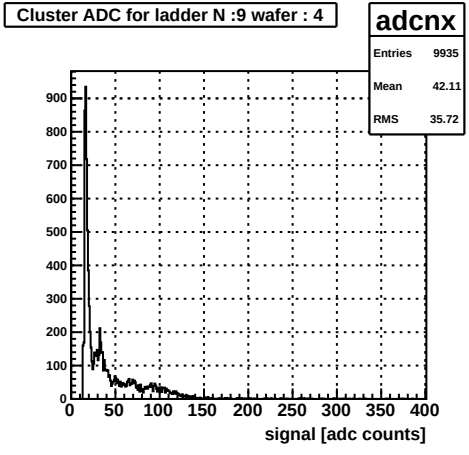

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 17368
Mean 24.37
RMS 25.09
signal [adc counts]

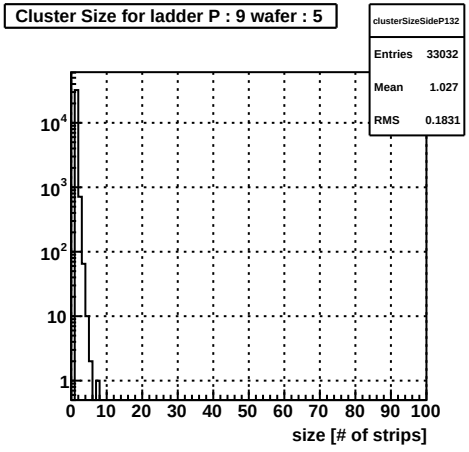

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 21107
Mean 1.026
RMS 0.1778
size [# of strips]

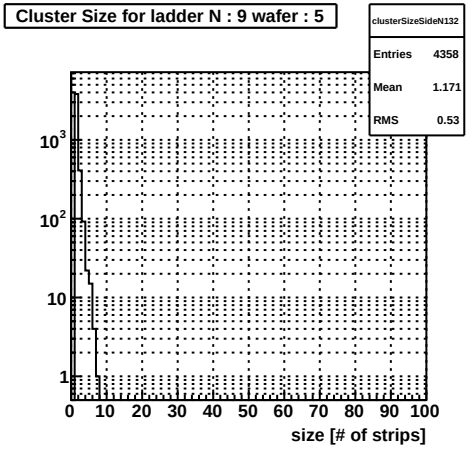

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 9935
Mean 2.018
RMS 1.385
size [# of strips]

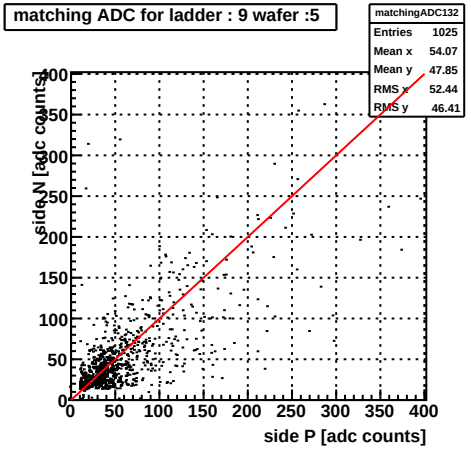

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 766
Mean x 45.31
Mean y 52.62
RMS x 47.25
RMS y 45.92
side N [adc counts]
side P [adc counts]

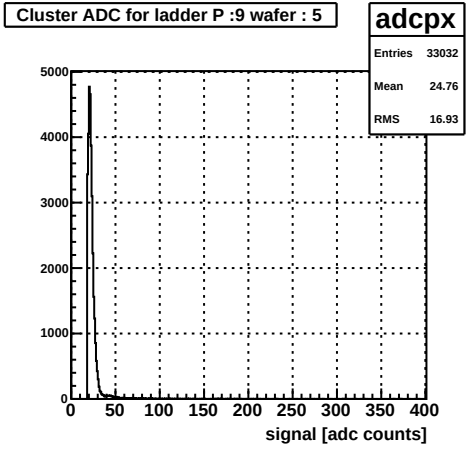

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 21107
Mean 27.83
RMS 16.86
signal [adc counts]

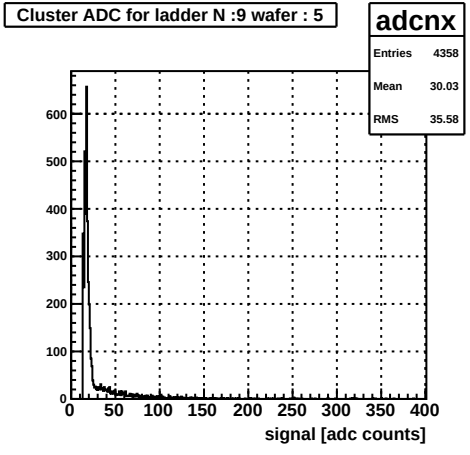

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 9935
Mean 42.11
RMS 35.72
signal [adc counts]

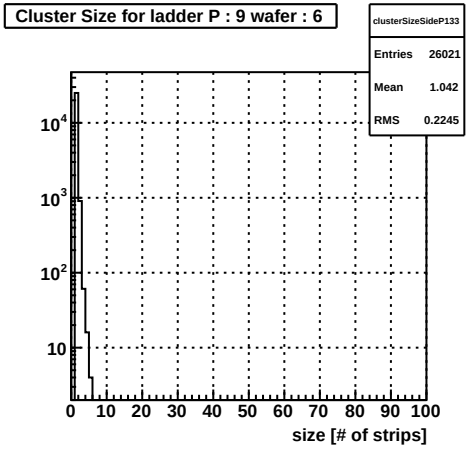

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 33032
Mean 1.027
RMS 0.1831
size [# of strips]

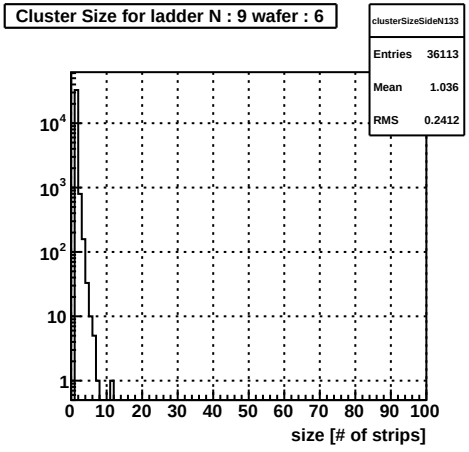

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 4358
Mean 1.171
RMS 0.53
size [# of strips]

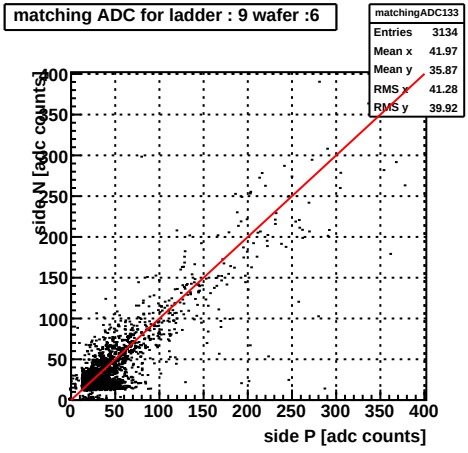

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 1025
Mean x 54.07
Mean y 47.85
RMS x 52.44
RMS y 46.41
side N [adc counts]
side P [adc counts]

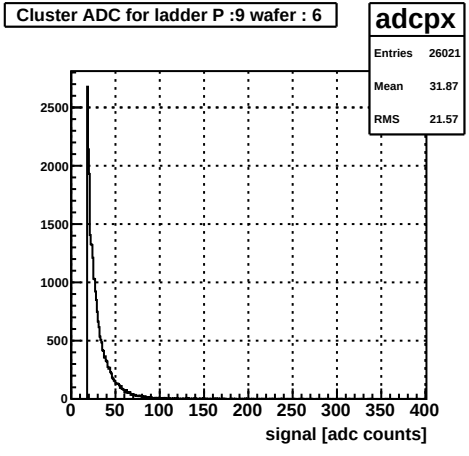

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 33032
Mean 24.76
RMS 16.93
signal [adc counts]

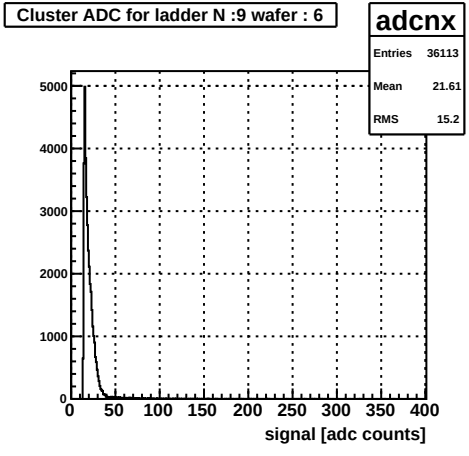

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 4358
Mean 30.03
RMS 35.58
signal [adc counts]

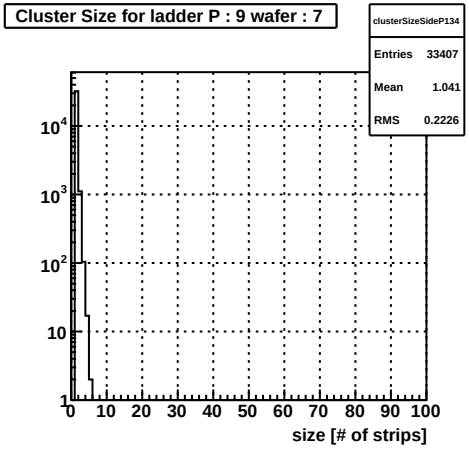

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 26021
Mean 1.042
RMS 0.2245
size [# of strips]

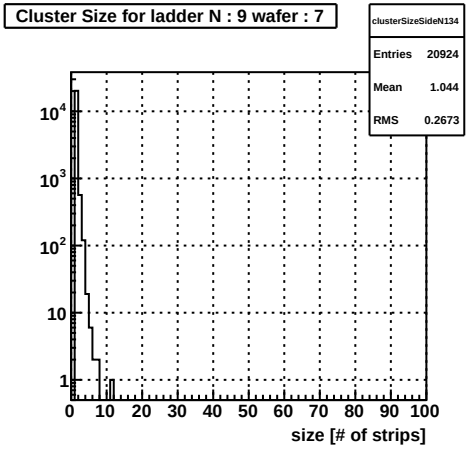

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 36113
Mean 1.036
RMS 0.2412
size [# of strips]

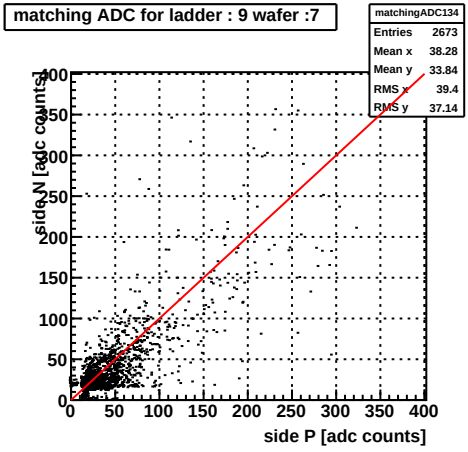

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 3134
Mean x 41.97
Mean y 35.87
RMS x 41.28
RMS y 39.92
side N [adc counts]
side P [adc counts]

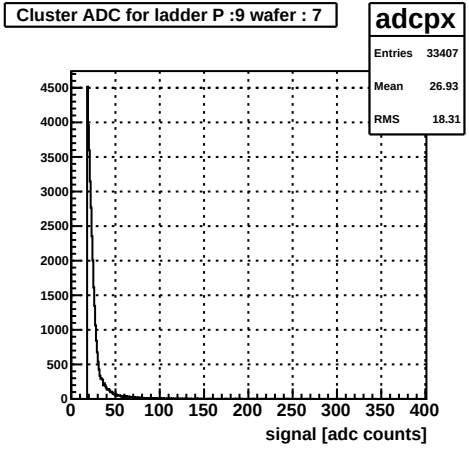

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 26021
Mean 31.87
RMS 21.57
signal [adc counts]

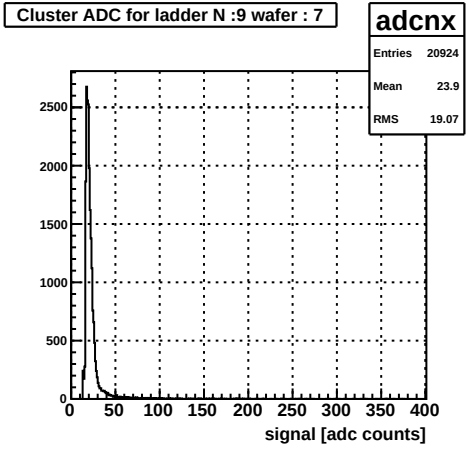

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 36113
Mean 21.61
RMS 15.2
signal [adc counts]

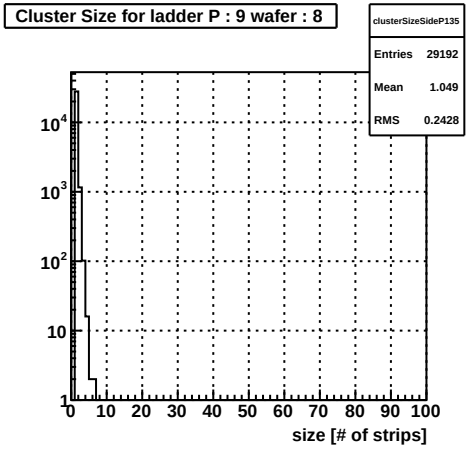

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 33407
Mean 1.041
RMS 0.2226
size [# of strips]

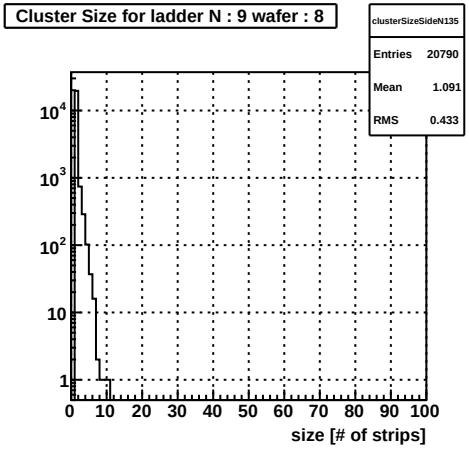

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 20924
Mean 1.044
RMS 0.2673
size [# of strips]

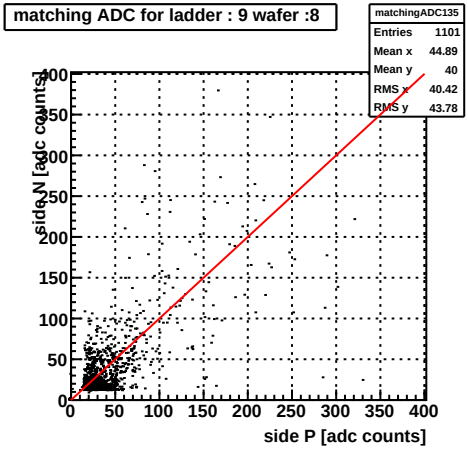

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 2673
Mean x 38.28
Mean y 33.84
RMS x 39.4
RMS y 37.14
side N [adc counts]
side P [adc counts]

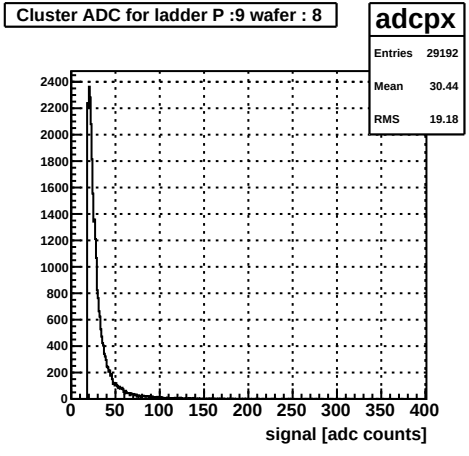

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 33407
Mean 26.93
RMS 18.31
signal [adc counts]

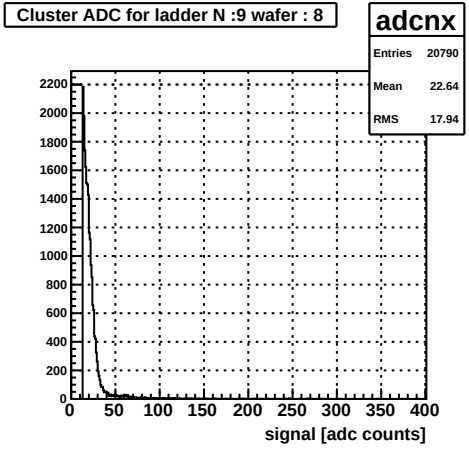

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 20924
Mean 23.9
RMS 19.07
signal [adc counts]

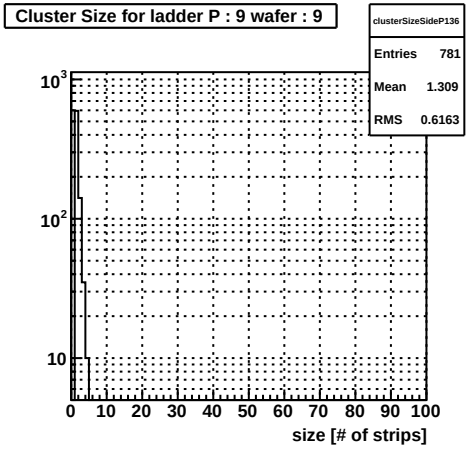

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 29192
Mean 1.049
RMS 0.2428
size [# of strips]

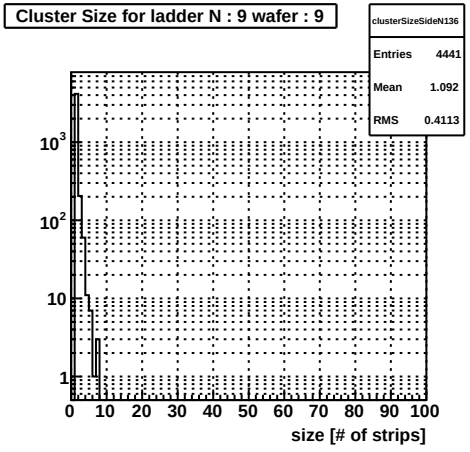

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 20790
Mean 1.091
RMS 0.433
size [# of strips]

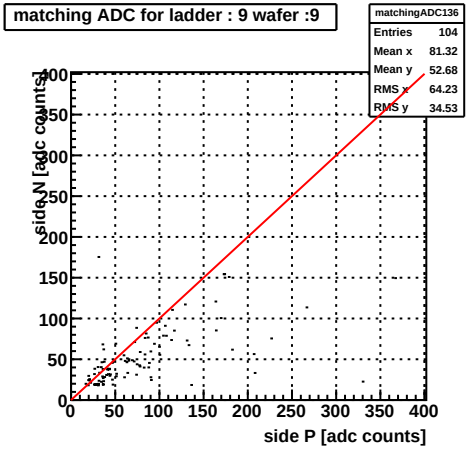

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 1101
Mean x 44.89
Mean y 40
RMS x 40.42
RMS y 43.78
side N [adc counts]
side P [adc counts]

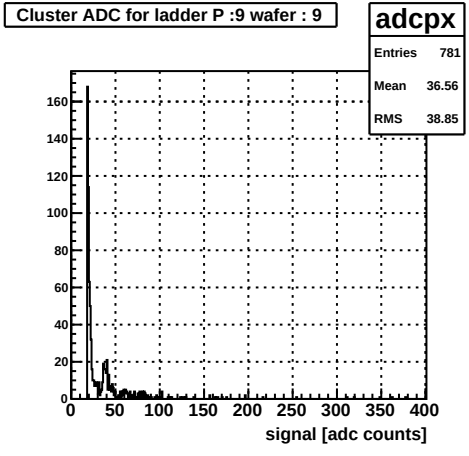

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 29192
Mean 30.44
RMS 19.18
signal [adc counts]

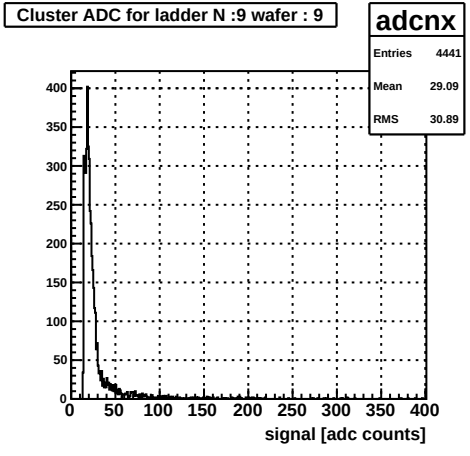

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 20790
Mean 22.64
RMS 17.94
signal [adc counts]

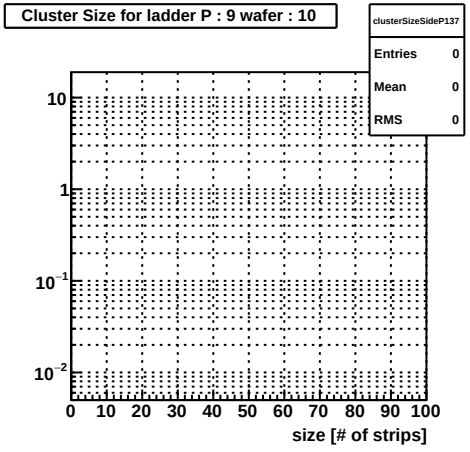

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 781
Mean 1.309
RMS 0.6163
size [# of strips]

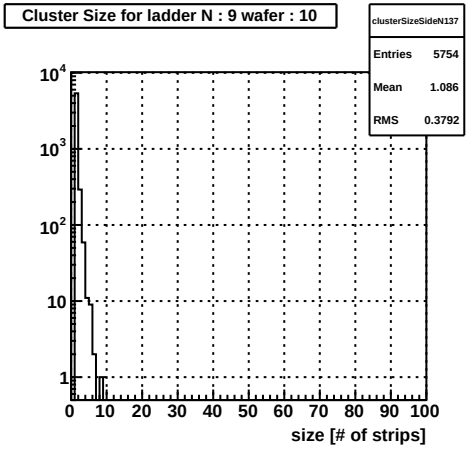

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 4441
Mean 1.092
RMS 0.4113
size [# of strips]

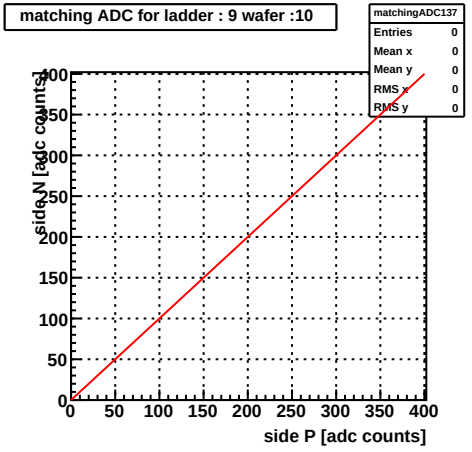

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 104
Mean x 81.32
Mean y 52.68
RMS x 64.23
RMS y 34.53
side N [adc counts]
side P [adc counts]

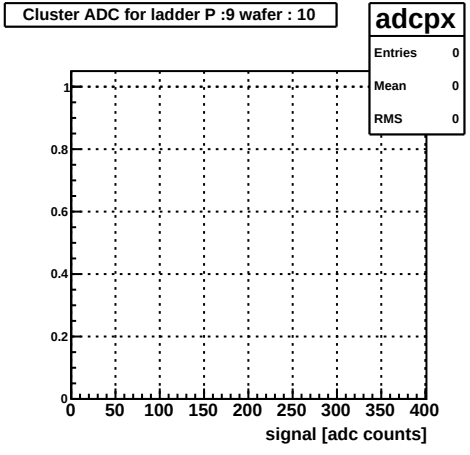

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 781
Mean 36.56
RMS 38.85
signal [adc counts]

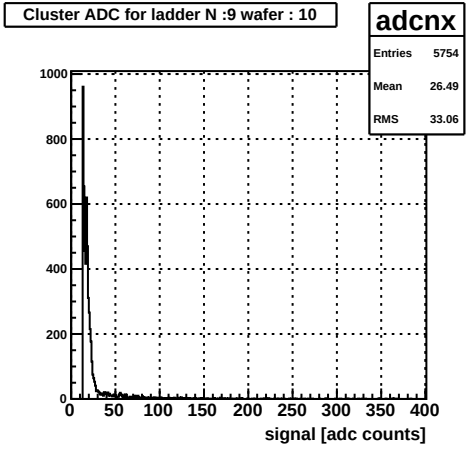

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 4441
Mean 29.09
RMS 30.89
signal [adc counts]

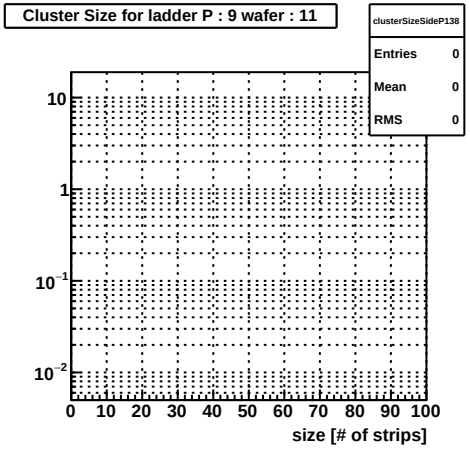

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

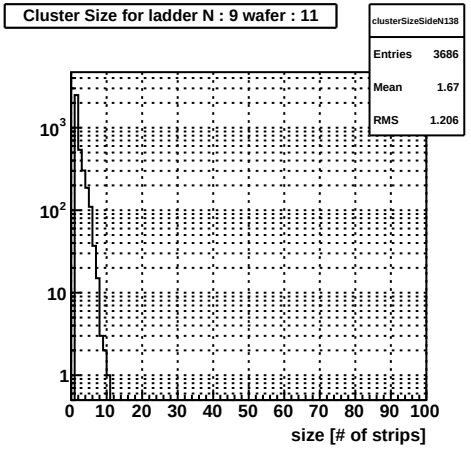

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 5754
Mean 1.086
RMS 0.3792
size [# of strips]

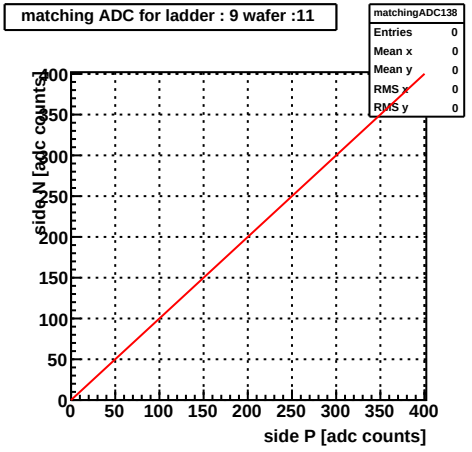

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

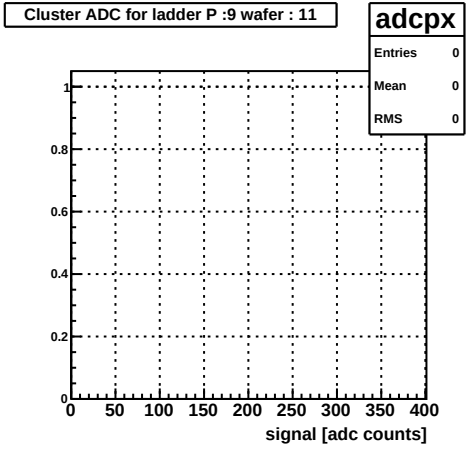

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

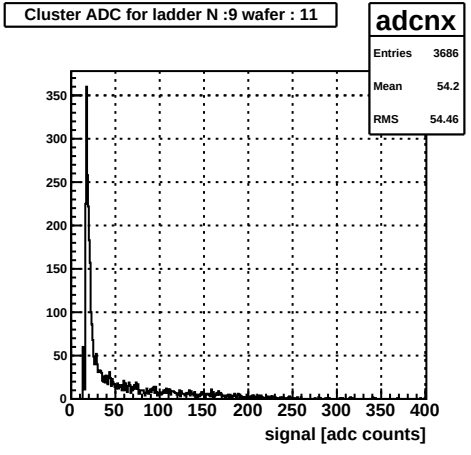

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 5754
Mean 26.49
RMS 33.06
signal [adc counts]

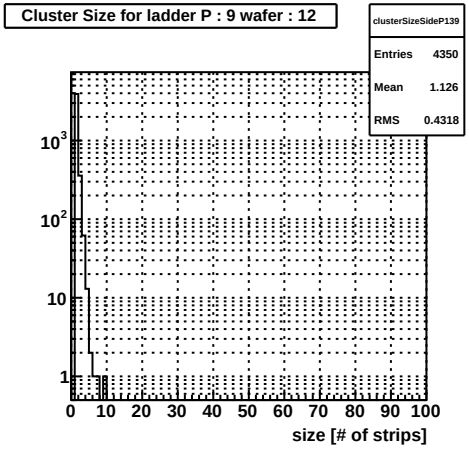

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

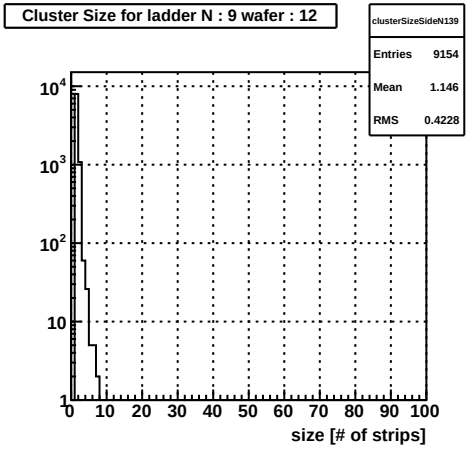

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 3686
Mean 1.67
RMS 1.206
size [# of strips]

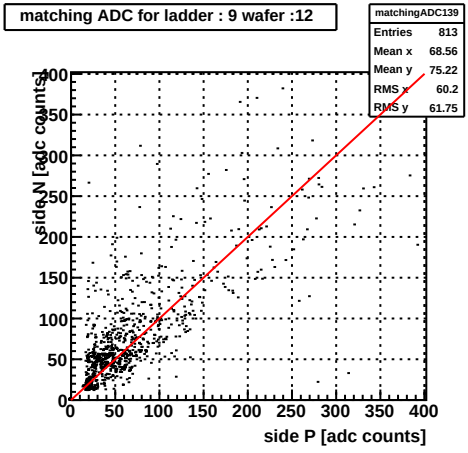

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

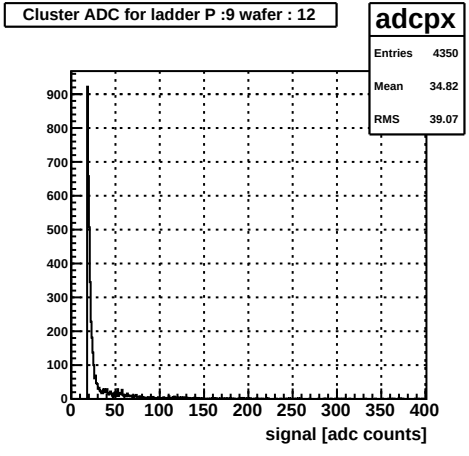

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

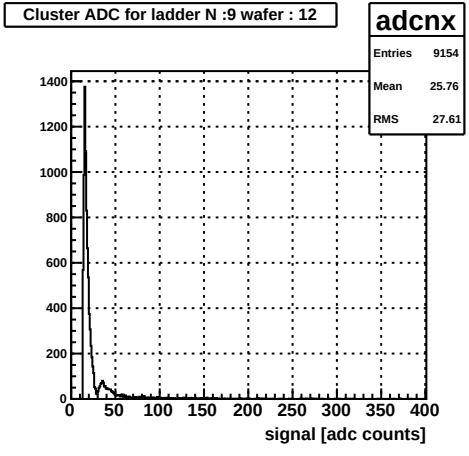

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 3686
Mean 54.2
RMS 54.46
signal [adc counts]

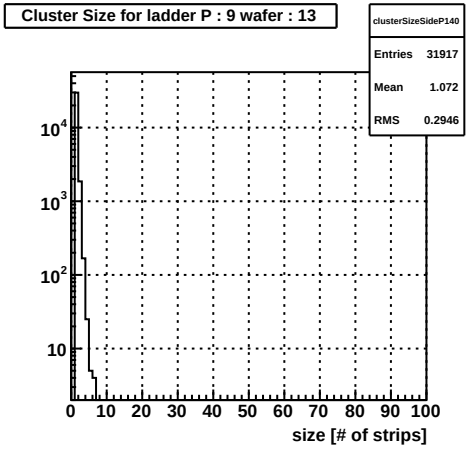

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 4350
Mean 1.126
RMS 0.4318
size [# of strips]

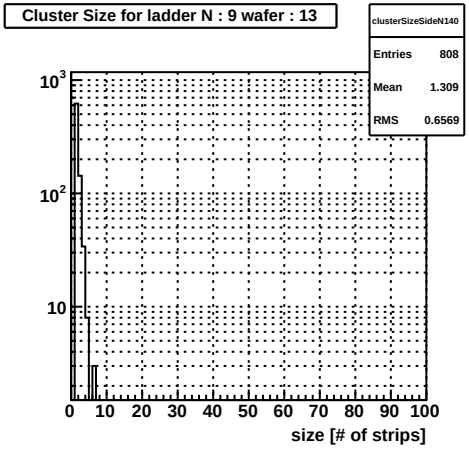

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 9154
Mean 1.146
RMS 0.4228
size [# of strips]

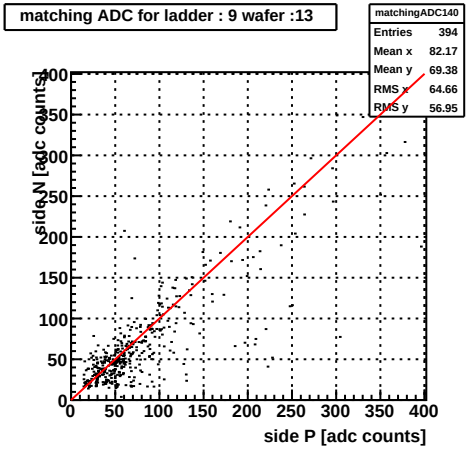

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 813
Mean x 68.56
Mean y 75.22
RMS x 60.2
RMS y 61.75
side N [adc counts]
side P [adc counts]

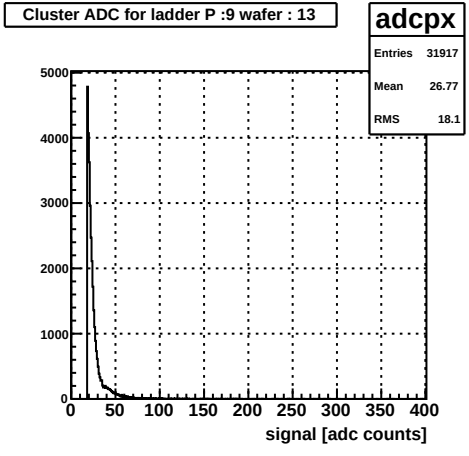

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 4350
Mean 34.82
RMS 39.07
signal [adc counts]

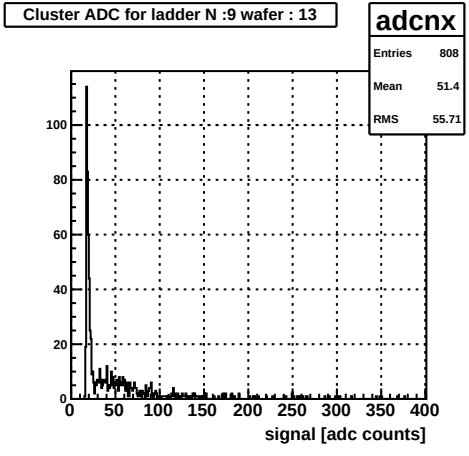

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 9154
Mean 25.76
RMS 27.61
signal [adc counts]

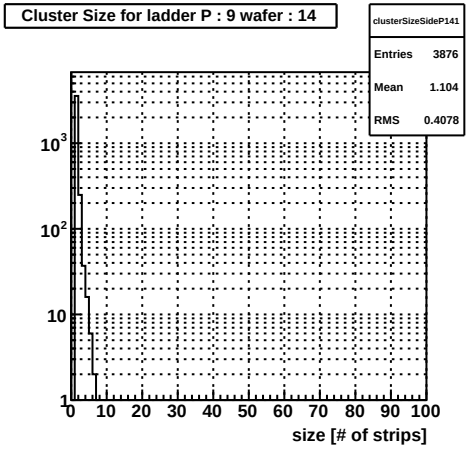

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 31917
Mean 1.072
RMS 0.2946
size [# of strips]

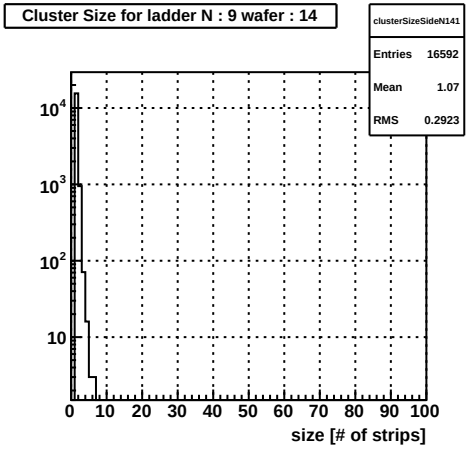

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 808
Mean 1.309
RMS 0.6569
size [# of strips]

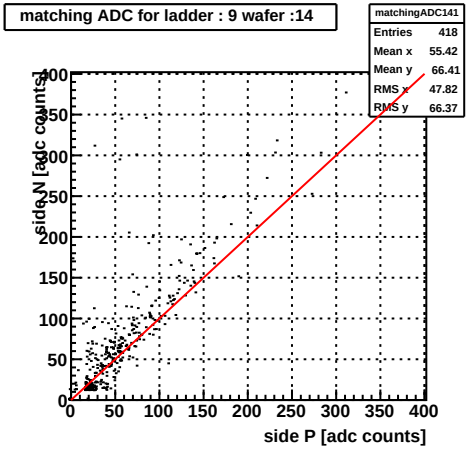

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 394
Mean x 82.17
Mean y 69.38
RMS x 64.66
RMS y 56.95
side N [adc counts]
side P [adc counts]

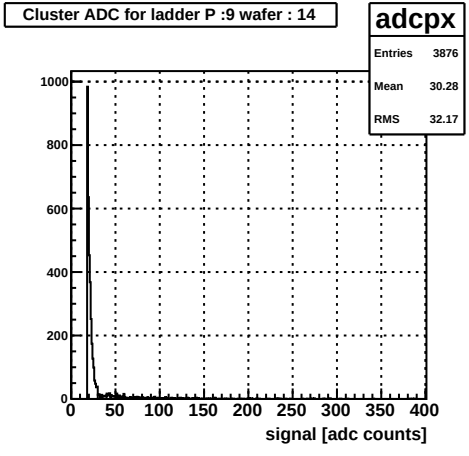

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 31917
Mean 26.77
RMS 18.1
signal [adc counts]

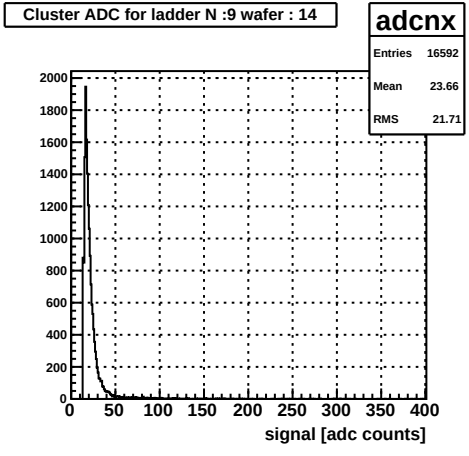

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 808
Mean 51.4
RMS 55.71
signal [adc counts]

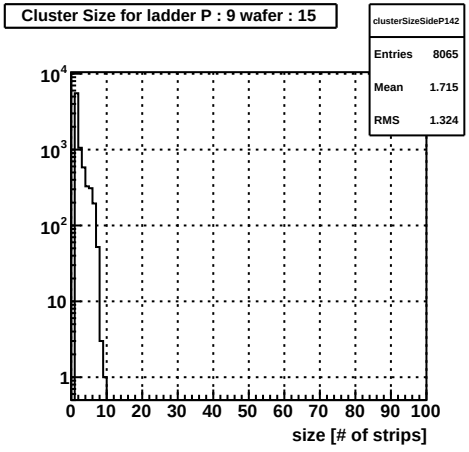

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 3876
Mean 1.104
RMS 0.4078
size [# of strips]

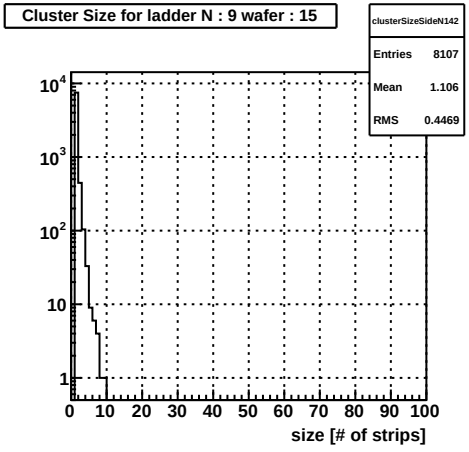

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 16592
Mean 1.07
RMS 0.2923
size [# of strips]

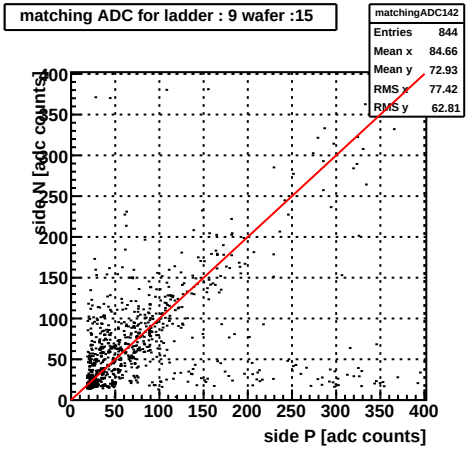

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 418
Mean x 55.42
Mean y 66.41
RMS x 47.82
RMS y 66.37
side N [adc counts]
side P [adc counts]

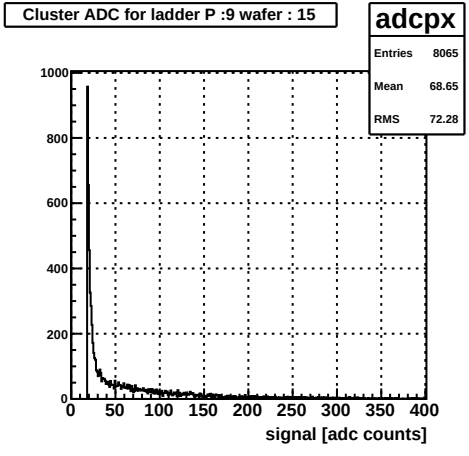

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 3876
Mean 30.28
RMS 32.17
signal [adc counts]

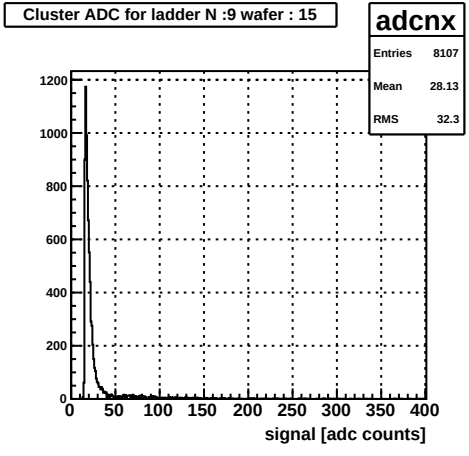

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 16592
Mean 23.66
RMS 21.71
signal [adc counts]

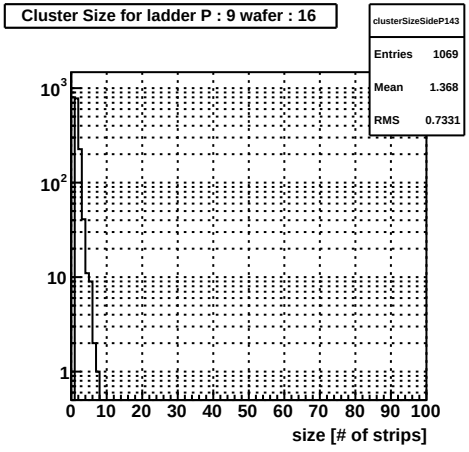

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 8065
Mean 1.715
RMS 1.324
size [# of strips]

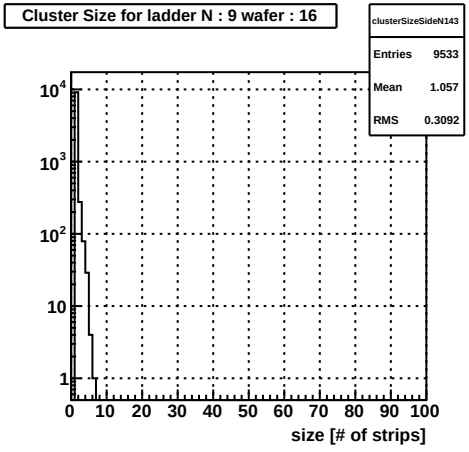

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 8107
Mean 1.106
RMS 0.4469
size [# of strips]

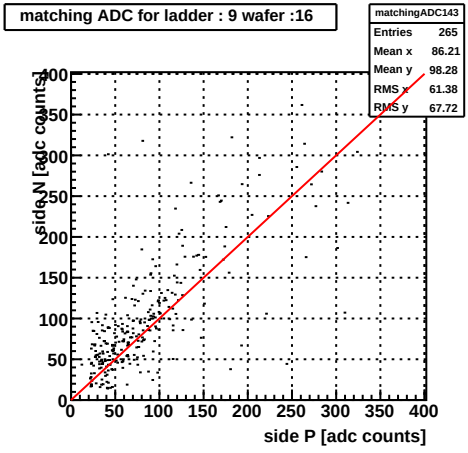

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 844
Mean x 84.66
Mean y 72.93
RMS x 77.42
RMS y 62.81
side N [adc counts]
side P [adc counts]

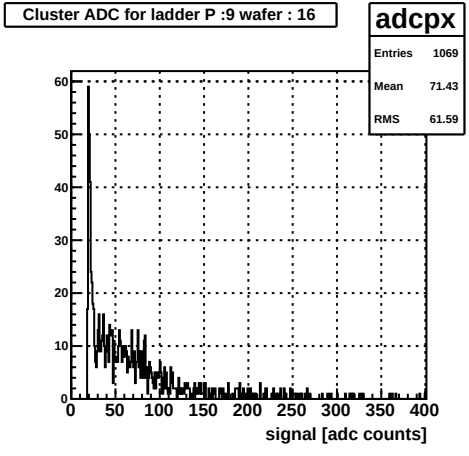

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 8065
Mean 68.65
RMS 72.28
signal [adc counts]

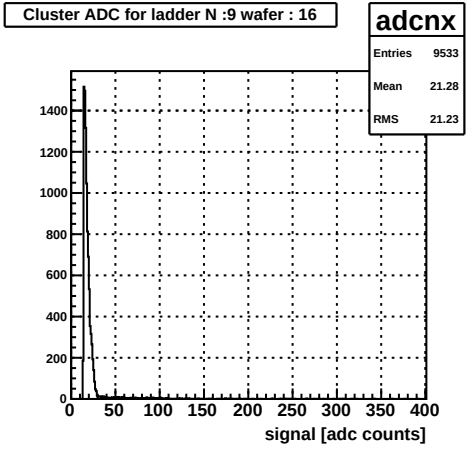

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 8107
Mean 28.13
RMS 32.3
signal [adc counts]

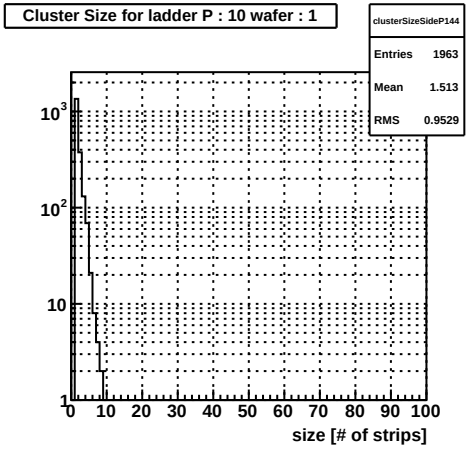

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 1069
Mean 1.368
RMS 0.7331
size [# of strips]

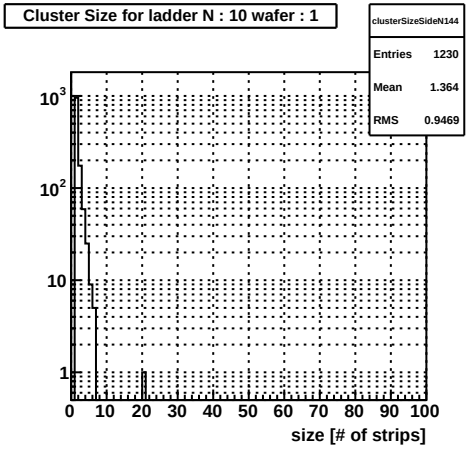

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 9533
Mean 1.057
RMS 0.3092
size [# of strips]

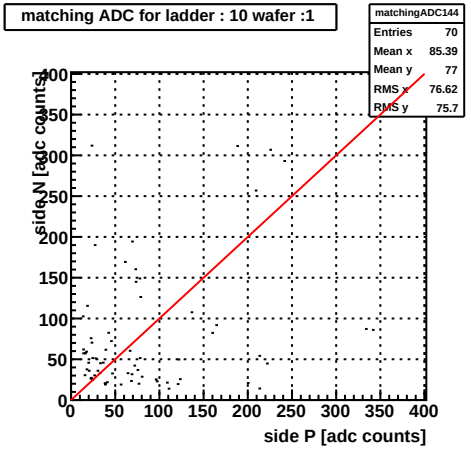

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 265
Mean x 86.21
Mean y 98.28
RMS x 61.38
RMS y 67.72
side N [adc counts]
side P [adc counts]

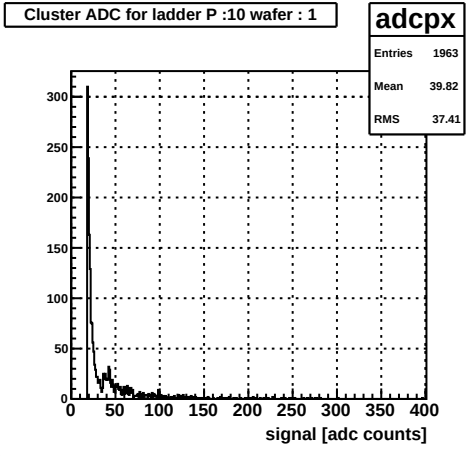

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 1069
Mean 71.43
RMS 61.59
signal [adc counts]

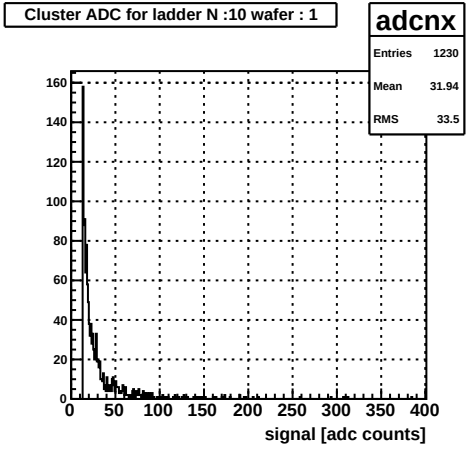

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 9533
Mean 21.28
RMS 21.23
signal [adc counts]

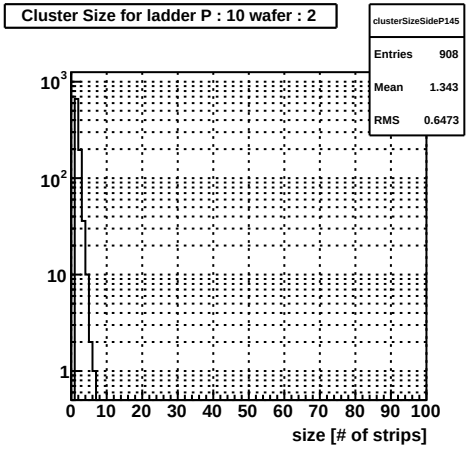

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 1963
Mean 1.513
RMS 0.9529
size [# of strips]

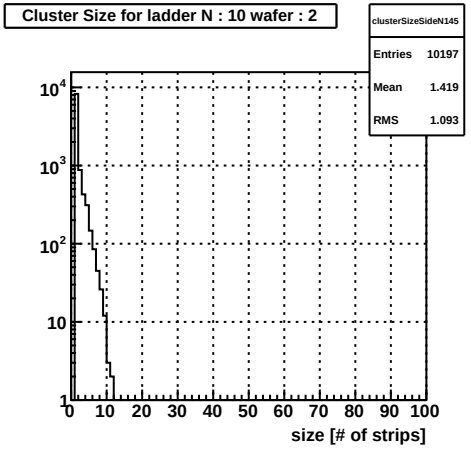

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 1230
Mean 1.364
RMS 0.9469
size [# of strips]

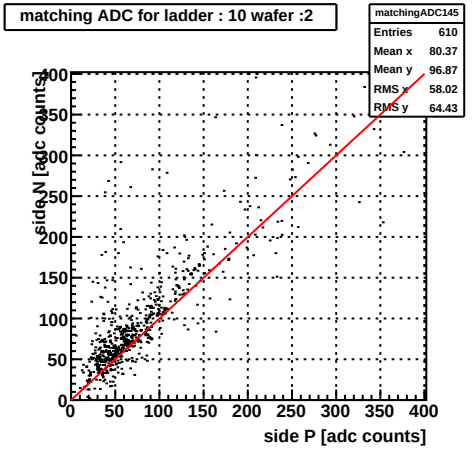

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 70
Mean x 85.39
Mean y 77
RMS x 76.62
RMS y 75.7
side N [adc counts]
side P [adc counts]

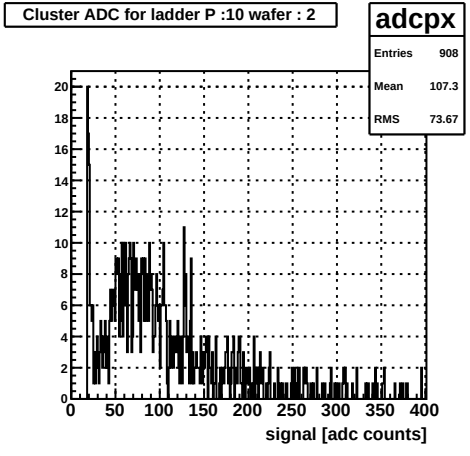

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 1963
Mean 39.82
RMS 37.41
signal [adc counts]

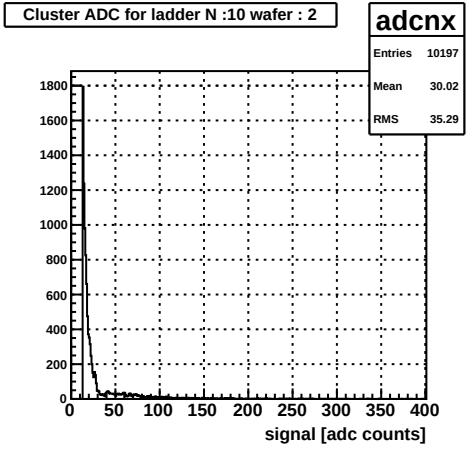

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 1230
Mean 31.94
RMS 33.5
signal [adc counts]

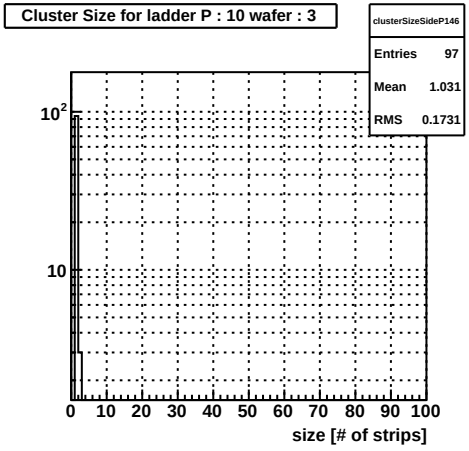

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 908
Mean 1.343
RMS 0.6473
size [# of strips]

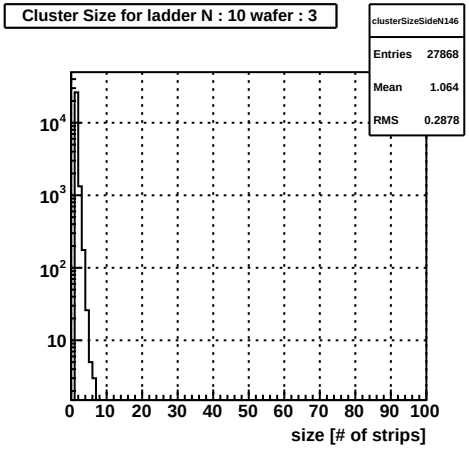

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 10197
Mean 1.419
RMS 1.093
size [# of strips]

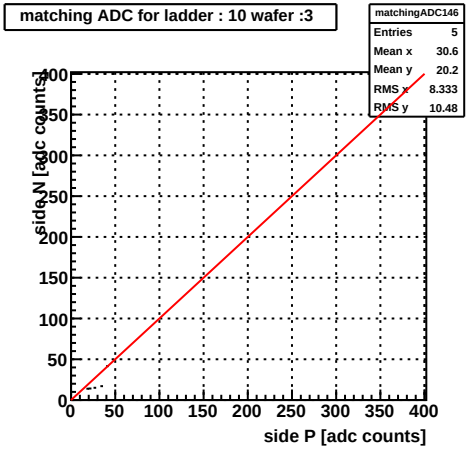

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 610
Mean x 80.37
Mean y 96.87
RMS x 58.02
RMS y 64.43
side N [adc counts]
side P [adc counts]

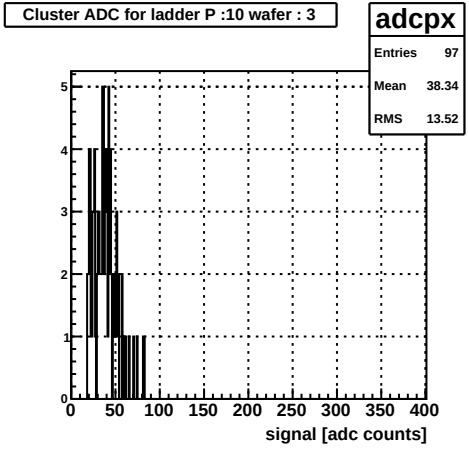

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 908
Mean 107.3
RMS 73.67
signal [adc counts]

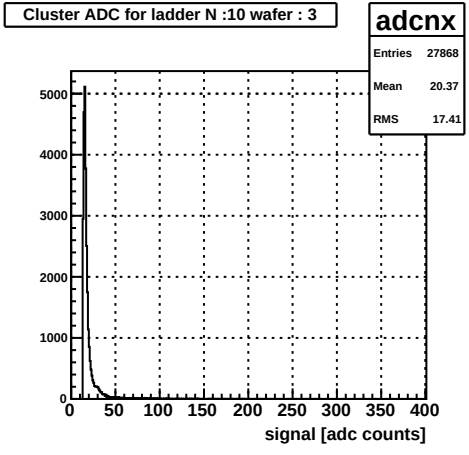

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 10197
Mean 30.02
RMS 35.29
signal [adc counts]

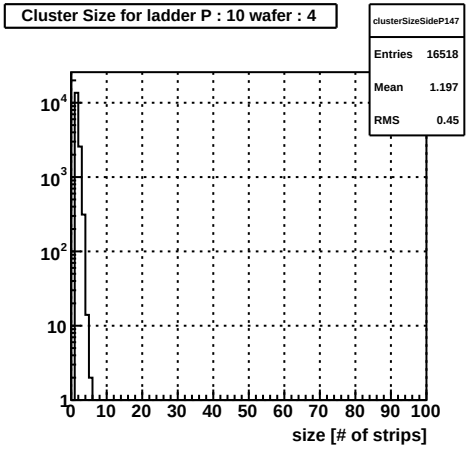

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 97
Mean 1.031
RMS 0.1731
size [# of strips]

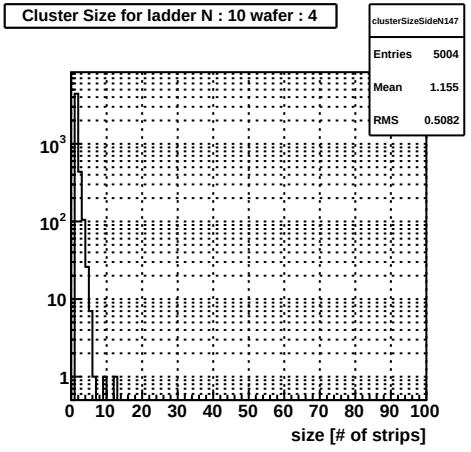

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 27868
Mean 1.064
RMS 0.2878
size [# of strips]

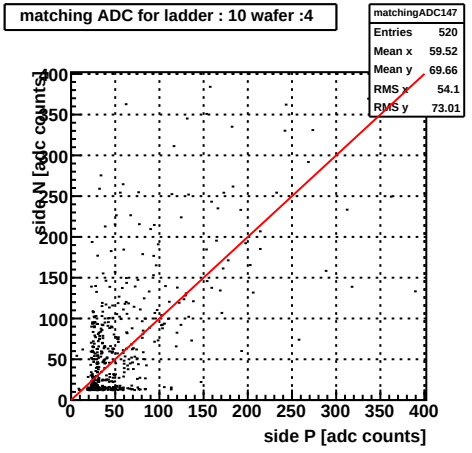

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 5
Mean x 30.6
Mean y 20.2
RMS x 8.333
RMS y 10.48
side N [adc counts]
side P [adc counts]

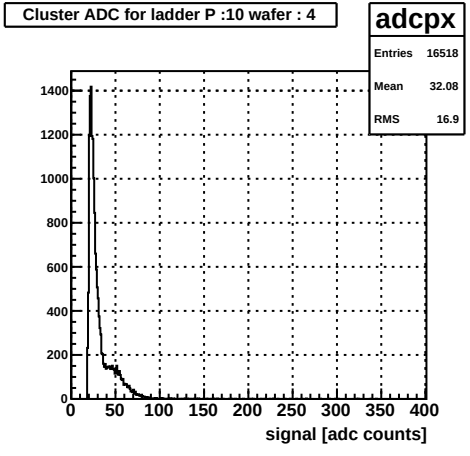

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 97
Mean 38.34
RMS 13.52
signal [adc counts]

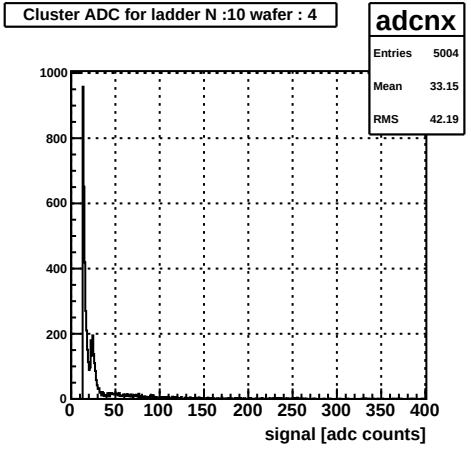

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 27868
Mean 20.37
RMS 17.41
signal [adc counts]

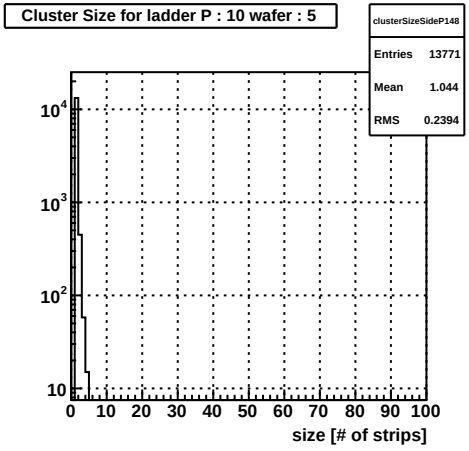

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 16518
Mean 1.197
RMS 0.45
size [# of strips]

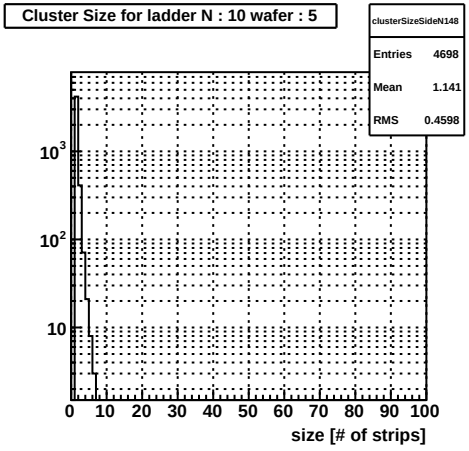

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 5004
Mean 1.155
RMS 0.5082
size [# of strips]

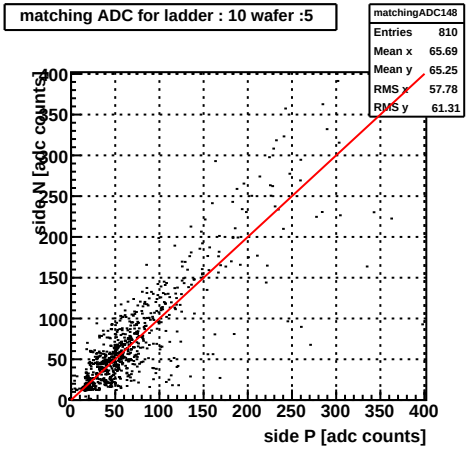

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 520
Mean x 59.52
Mean y 69.66
RMS x 54.1
RMS y 73.01
side N [adc counts]
side P [adc counts]

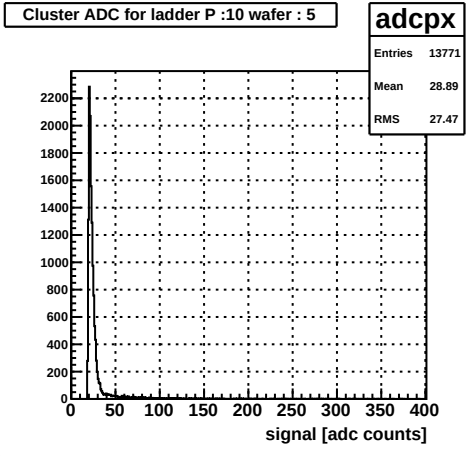

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 16518
Mean 32.08
RMS 16.9
signal [adc counts]

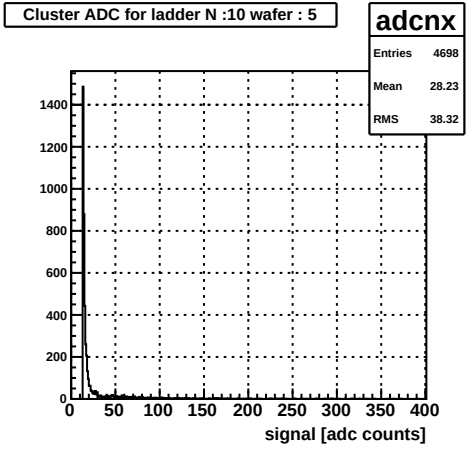

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 5004
Mean 33.15
RMS 42.19
signal [adc counts]

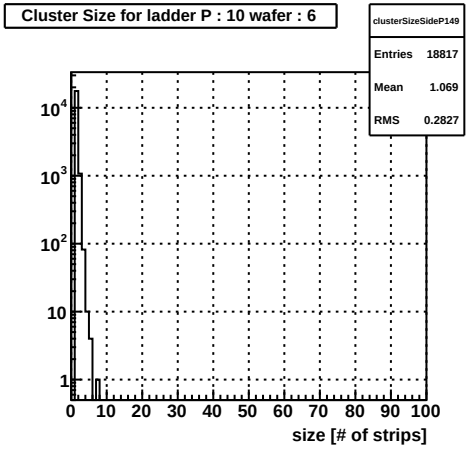

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 13771
Mean 1.044
RMS 0.2394
size [# of strips]

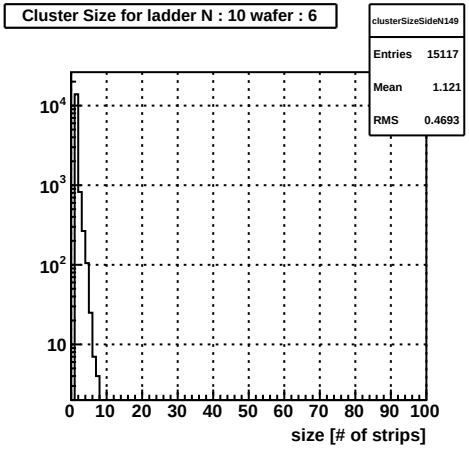

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 4698
Mean 1.141
RMS 0.4598
size [# of strips]

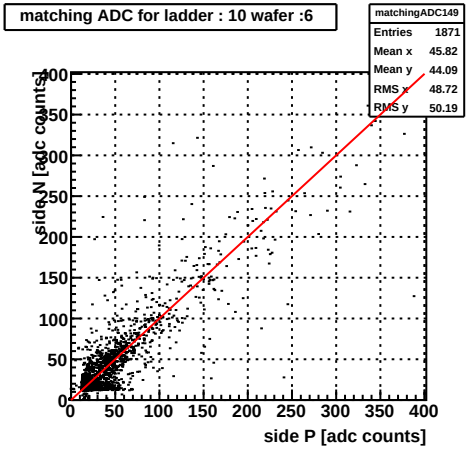

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 810
Mean x 65.69
Mean y 65.25
RMS x 57.78
RMS y 61.31
side N [adc counts]
side P [adc counts]

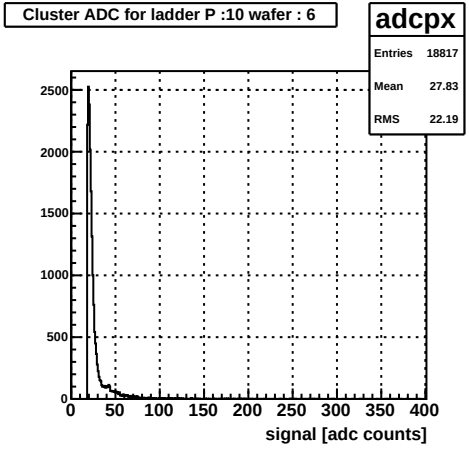

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 13771
Mean 28.89
RMS 27.47
signal [adc counts]

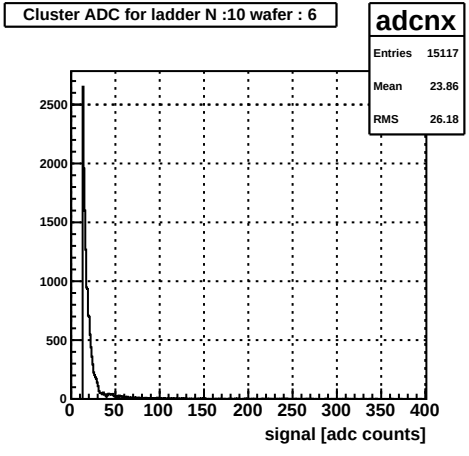

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 4698
Mean 28.23
RMS 38.32
signal [adc counts]

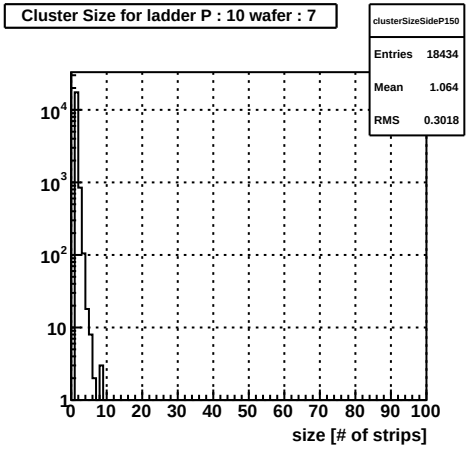

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 18817
Mean 1.069
RMS 0.2827
size [# of strips]

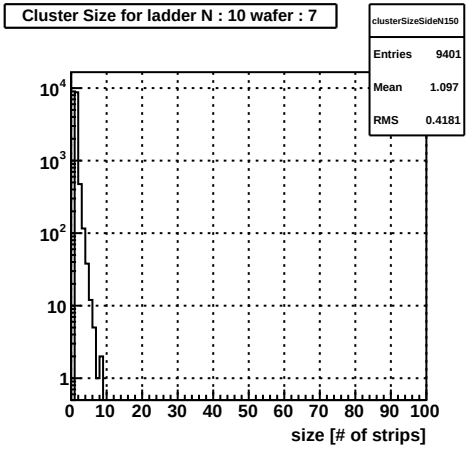

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 15117
Mean 1.121
RMS 0.4693
size [# of strips]

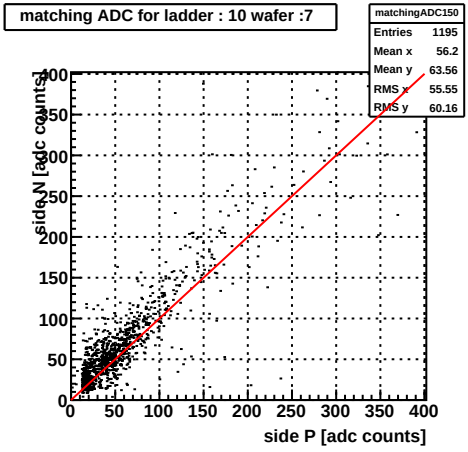

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1871
Mean x 45.82
Mean y 44.09
RMS x 48.72
RMS y 50.19
side N [adc counts]
side P [adc counts]

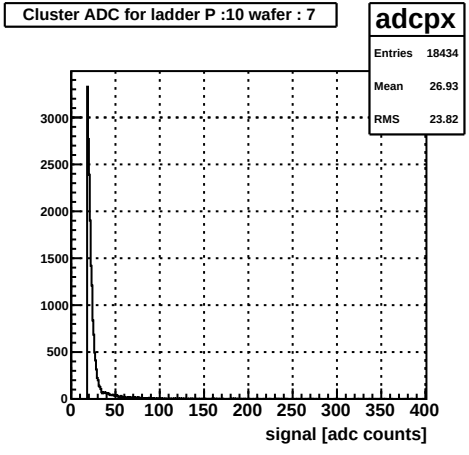

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 18817
Mean 27.83
RMS 22.19
signal [adc counts]

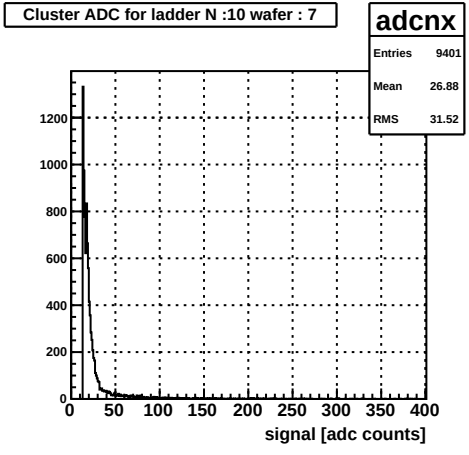

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 15117
Mean 23.86
RMS 26.18
signal [adc counts]

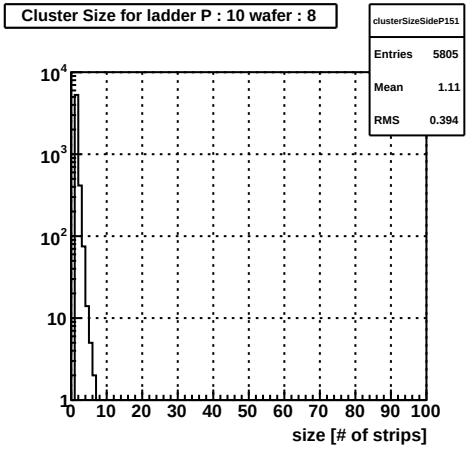

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 18434
Mean 1.064
RMS 0.3018
size [# of strips]

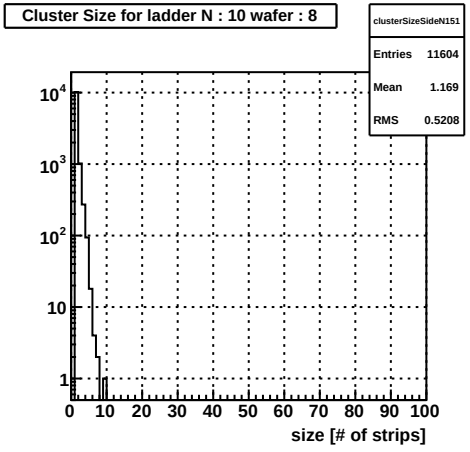

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 9401
Mean 1.097
RMS 0.4181
size [# of strips]

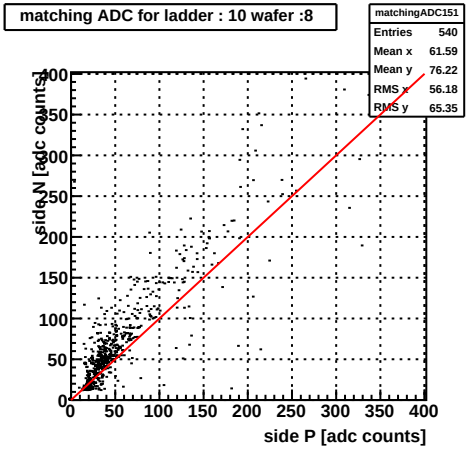

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 1195
Mean x 56.2
Mean y 63.56
RMS x 55.55
RMS y 60.16
side N [adc counts]
side P [adc counts]

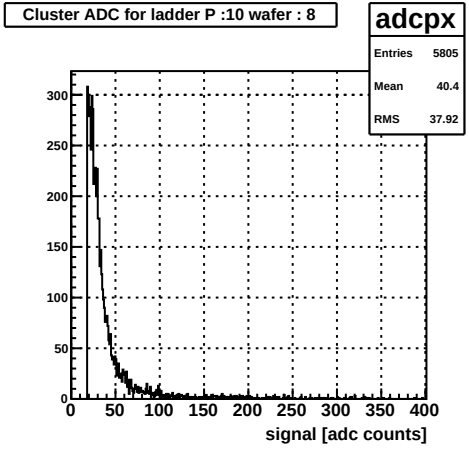

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 18434
Mean 26.93
RMS 23.82
signal [adc counts]

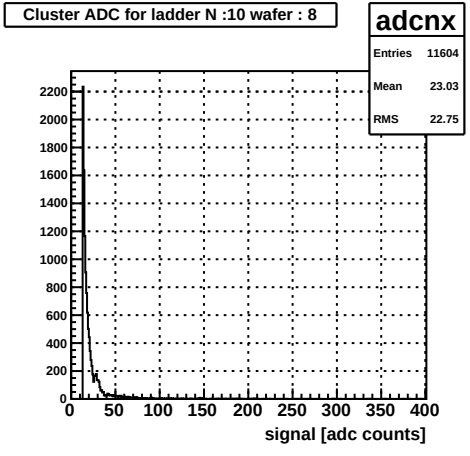

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 9401
Mean 26.88
RMS 31.52
signal [adc counts]

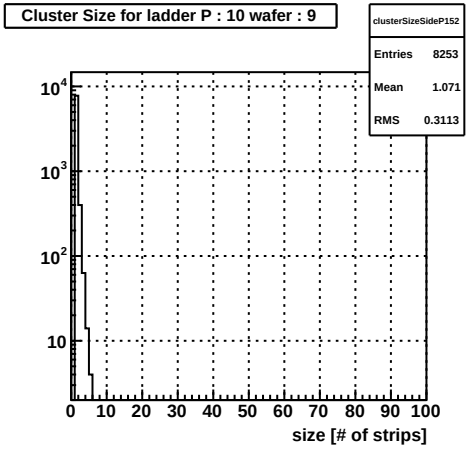

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 5805
Mean 1.11
RMS 0.394
size [# of strips]

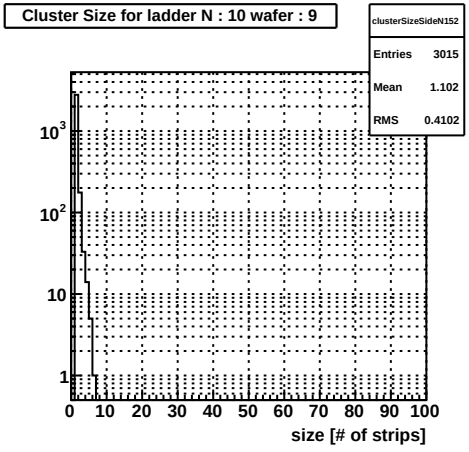

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 11604
Mean 1.169
RMS 0.5208
size [# of strips]

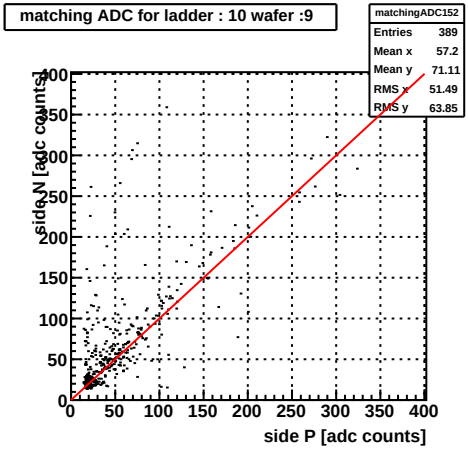

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 540
Mean x 61.59
Mean y 76.22
RMS x 56.18
RMS y 65.35
side N [adc counts]
side P [adc counts]

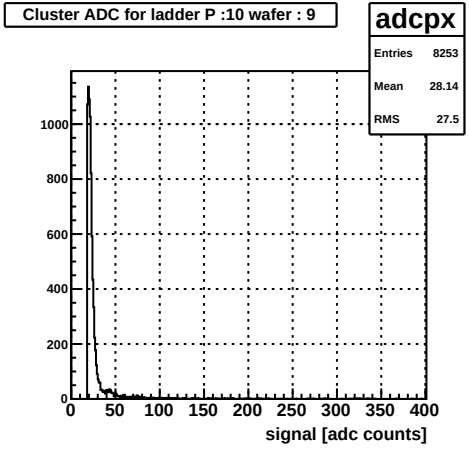

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 5805
Mean 40.4
RMS 37.92
signal [adc counts]

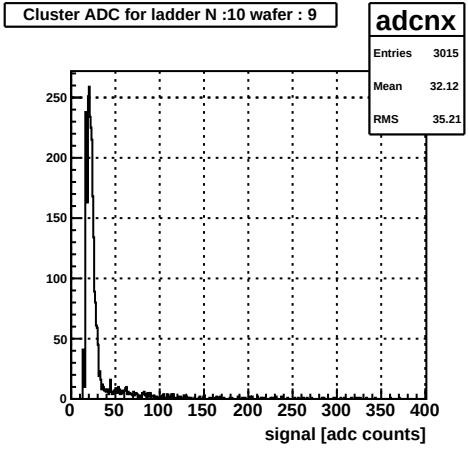

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 11604
Mean 23.03
RMS 22.75
signal [adc counts]

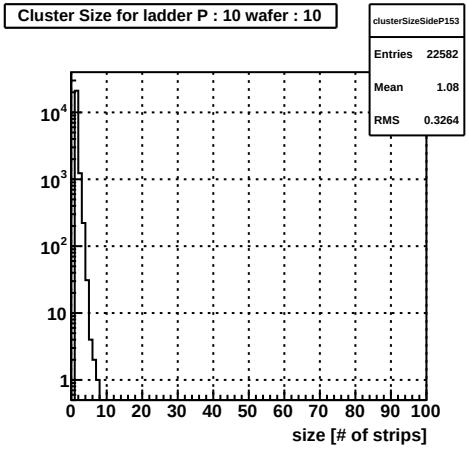

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 8253
Mean 1.071
RMS 0.3113
size [# of strips]

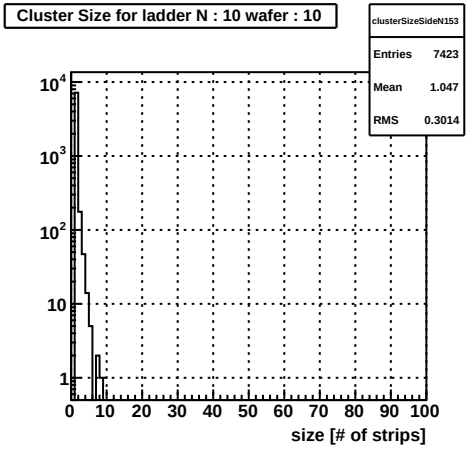

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 3015
Mean 1.102
RMS 0.4102
size [# of strips]

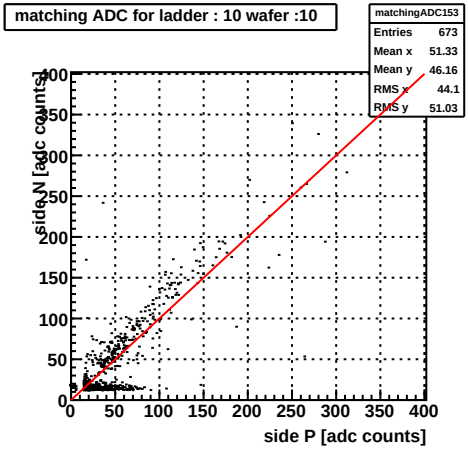

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 389
Mean x 57.2
Mean y 71.11
RMS x 51.49
RMS y 63.85
side N [adc counts]
side P [adc counts]

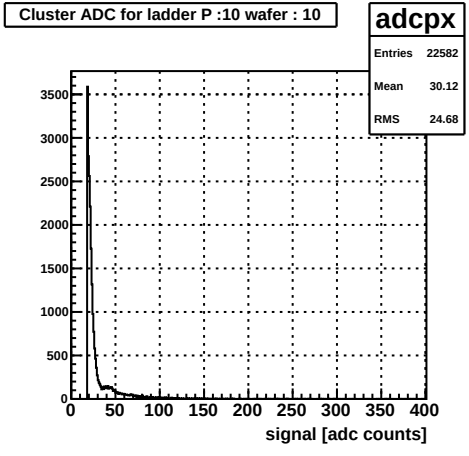

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 8253
Mean 28.14
RMS 27.5
signal [adc counts]

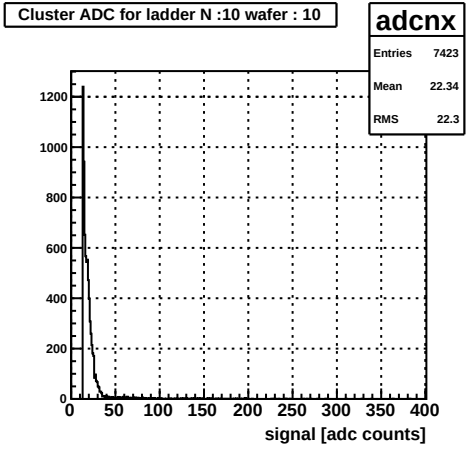

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 3015
Mean 32.12
RMS 35.21
signal [adc counts]

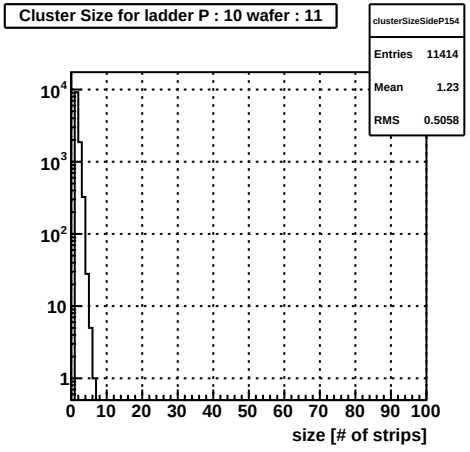

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 22582
Mean 1.08
RMS 0.3264
size [# of strips]

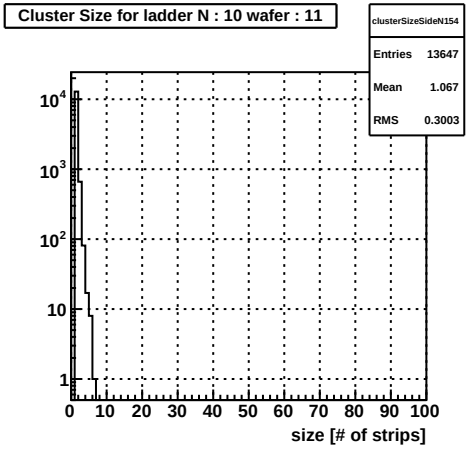

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 7423
Mean 1.047
RMS 0.3014
size [# of strips]

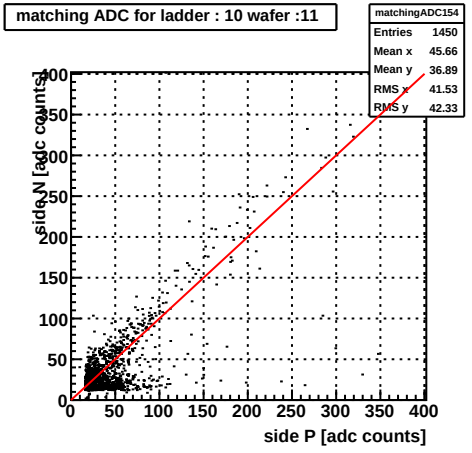

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 673
Mean x 51.33
Mean y 46.16
RMS x 44.1
RMS y 51.03
side N [adc counts]
side P [adc counts]

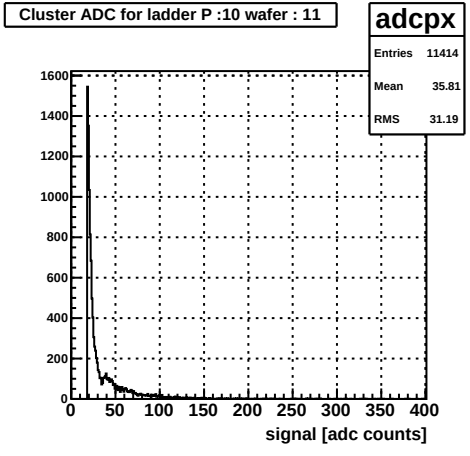

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 22582
Mean 30.12
RMS 24.68
signal [adc counts]

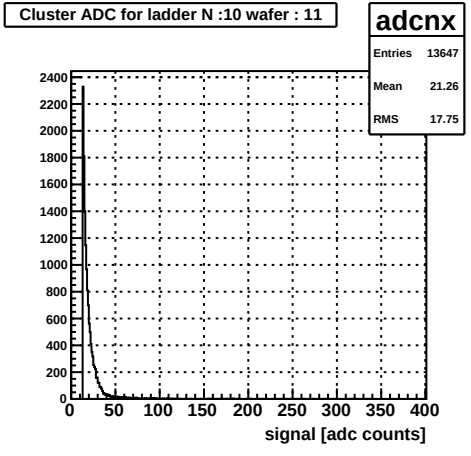

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 7423
Mean 22.34
RMS 22.3
signal [adc counts]

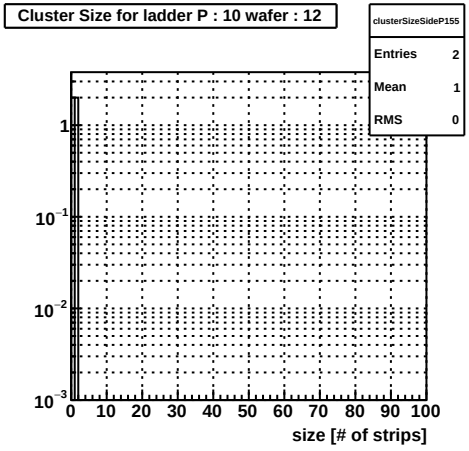

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 11414
Mean 1.23
RMS 0.5058
size [# of strips]

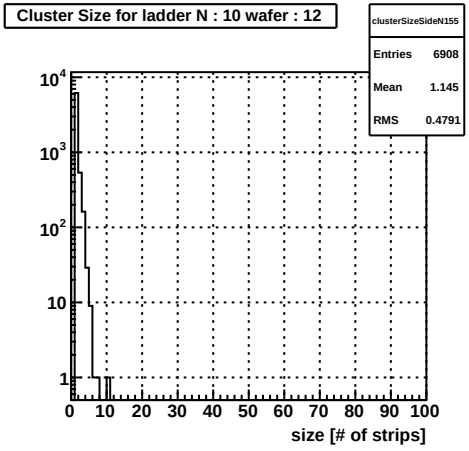

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 13647
Mean 1.067
RMS 0.3003
size [# of strips]

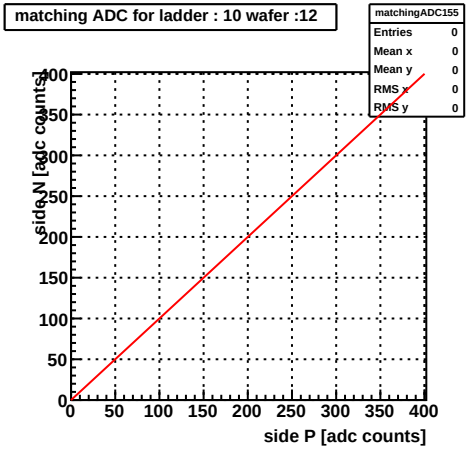

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 1450
Mean x 45.66
Mean y 36.89
RMS x 41.53
RMS y 42.33
side N [adc counts]
side P [adc counts]

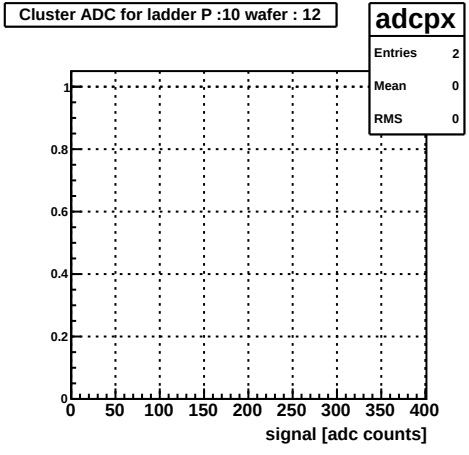

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 11414
Mean 35.81
RMS 31.19
signal [adc counts]

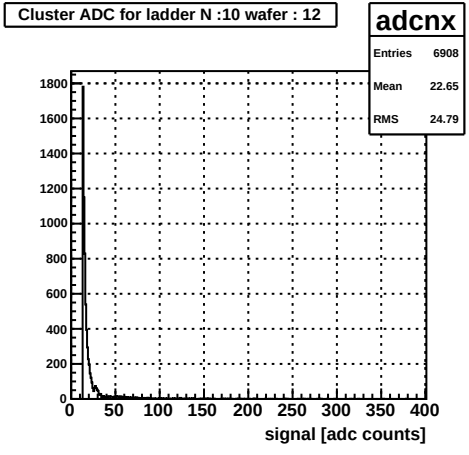

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 13647
Mean 21.26
RMS 17.75
signal [adc counts]

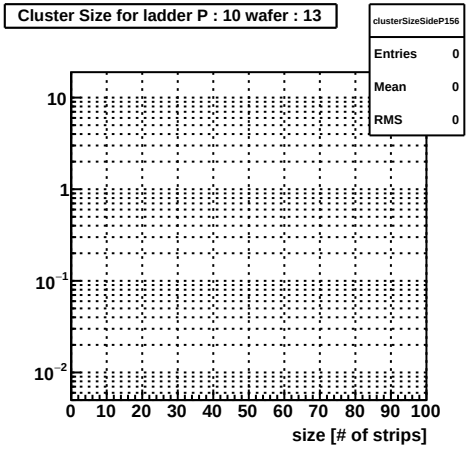

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 2
Mean 1
RMS 0
size [# of strips]

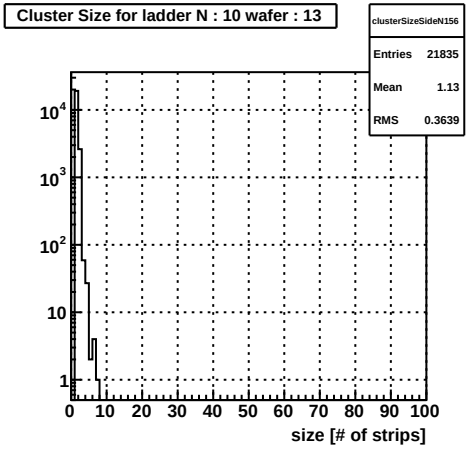

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 6908
Mean 1.145
RMS 0.4791
size [# of strips]

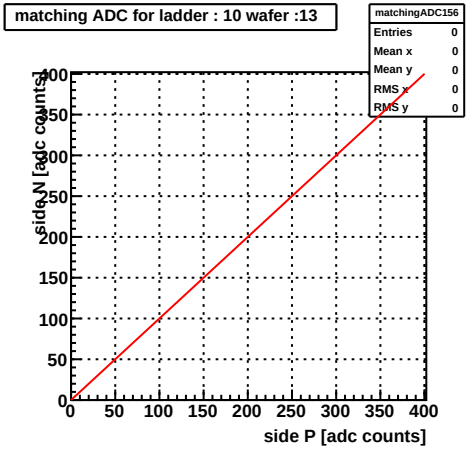

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

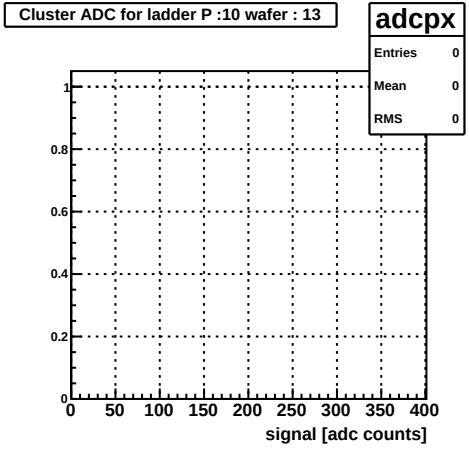

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

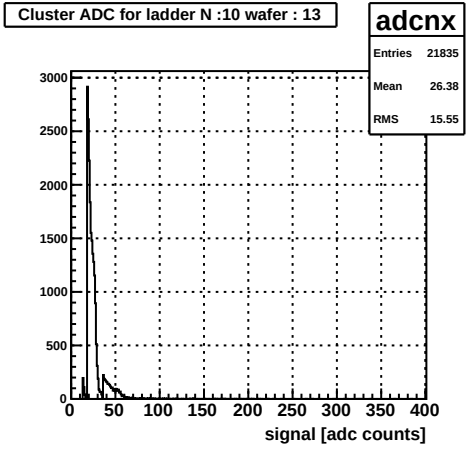

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 6908
Mean 22.65
RMS 24.79
signal [adc counts]

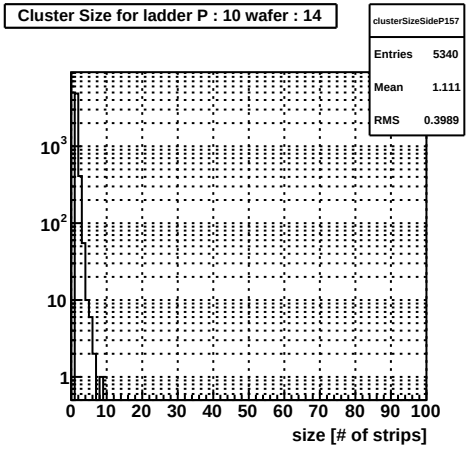

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

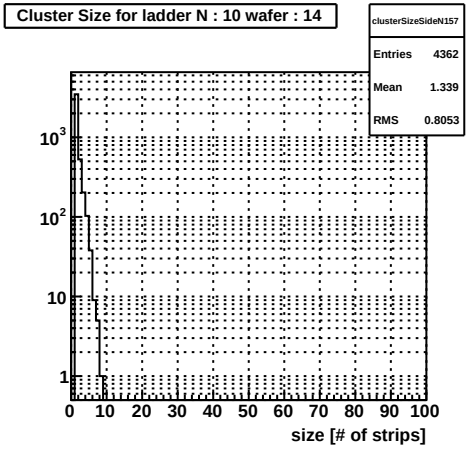

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 21835
Mean 1.13
RMS 0.3639
size [# of strips]

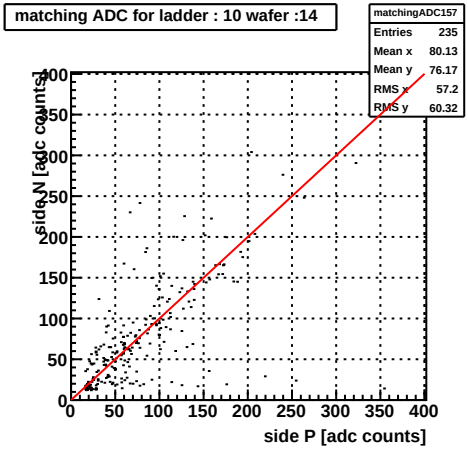

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

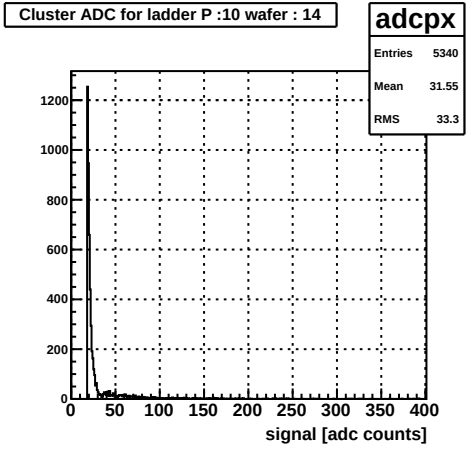

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

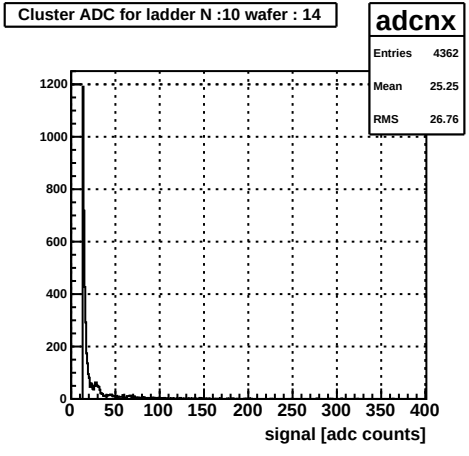

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 21835
Mean 26.38
RMS 15.55
signal [adc counts]

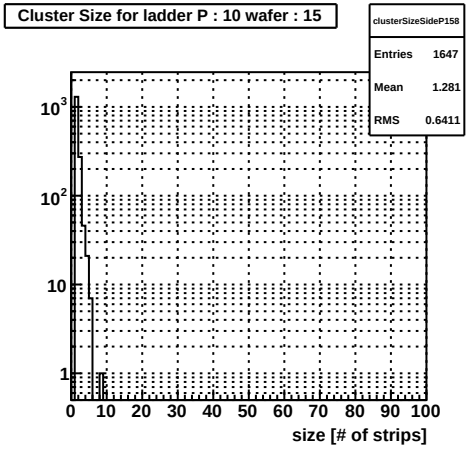

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 5340
Mean 1.111
RMS 0.3989
size [# of strips]

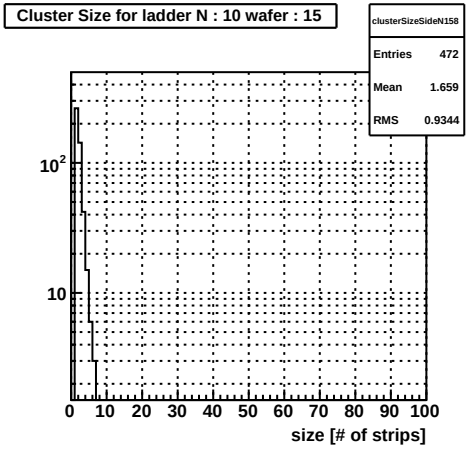

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 4362
Mean 1.339
RMS 0.8053
size [# of strips]

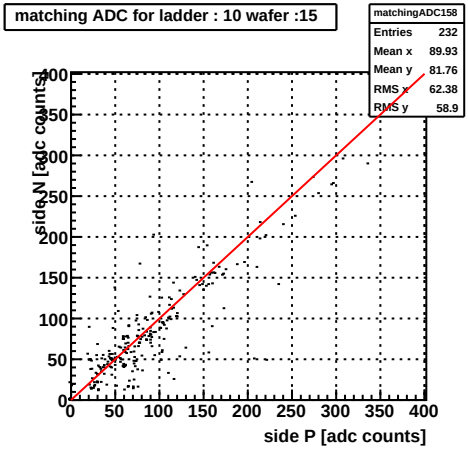

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 235
Mean x 80.13
Mean y 76.17
RMS x 57.2
RMS y 60.32
side N [adc counts]
side P [adc counts]

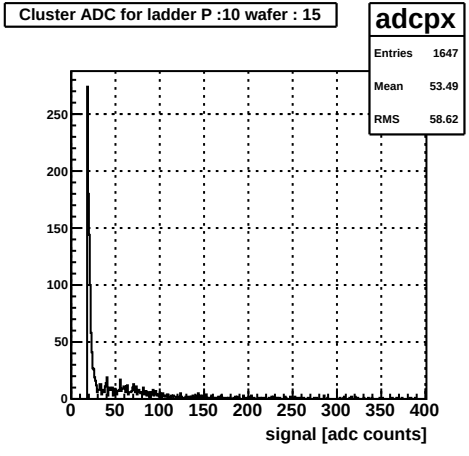

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 5340
Mean 31.55
RMS 33.3
signal [adc counts]

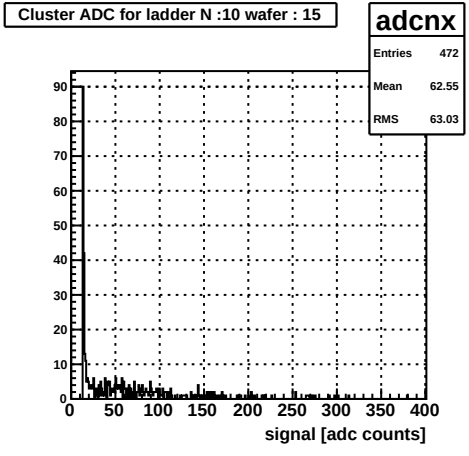

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 4362
Mean 25.25
RMS 26.76
signal [adc counts]

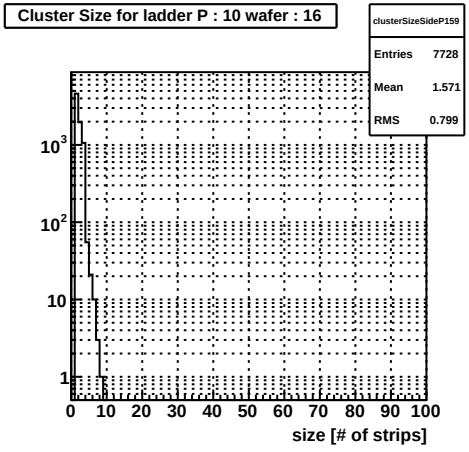

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 1647
Mean 1.281
RMS 0.6411
size [# of strips]

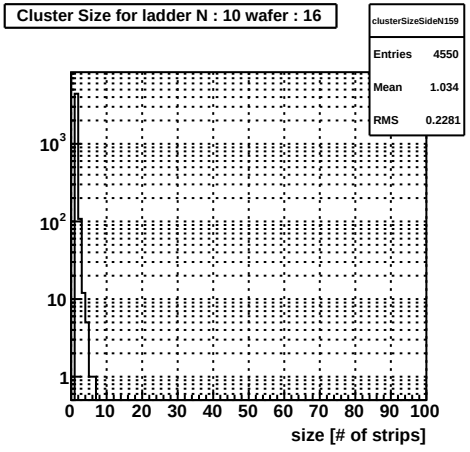

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 472
Mean 1.659
RMS 0.9344
size [# of strips]

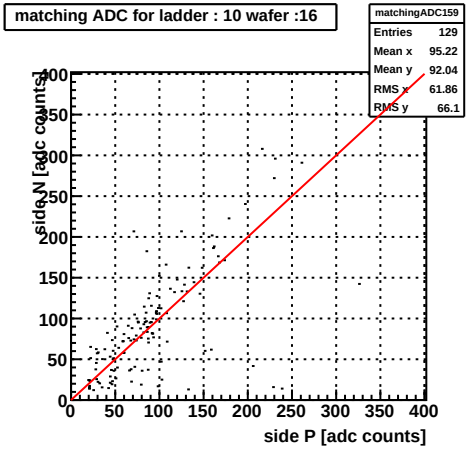

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 232
Mean x 89.93
Mean y 81.76
RMS x 62.38
RMS y 58.9
side N [adc counts]
side P [adc counts]

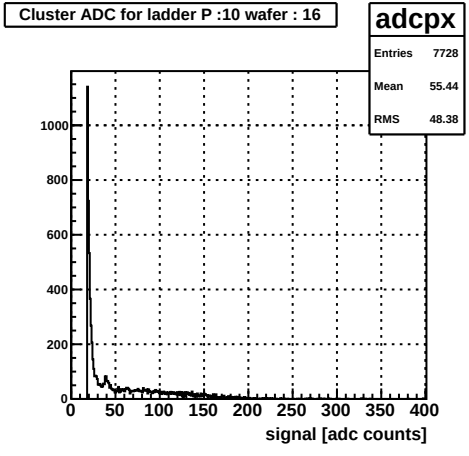

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 1647
Mean 53.49
RMS 58.62
signal [adc counts]

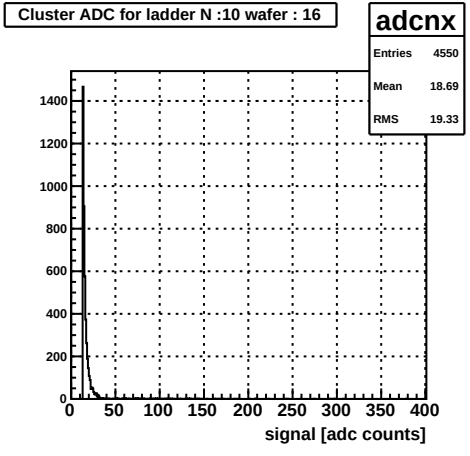

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 472
Mean 62.55
RMS 63.03
signal [adc counts]

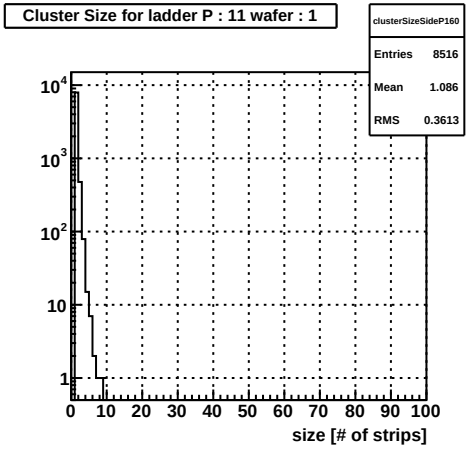

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 7728
Mean 1.571
RMS 0.799
size [# of strips]

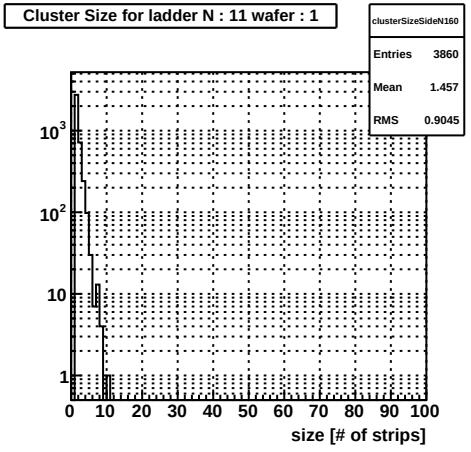

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 4550
Mean 1.034
RMS 0.2281
size [# of strips]

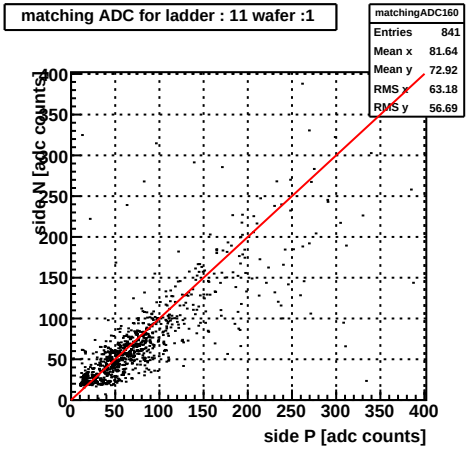

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 129
Mean x 95.22
Mean y 92.04
RMS x 61.86
RMS y 66.1
side N [adc counts]
side P [adc counts]

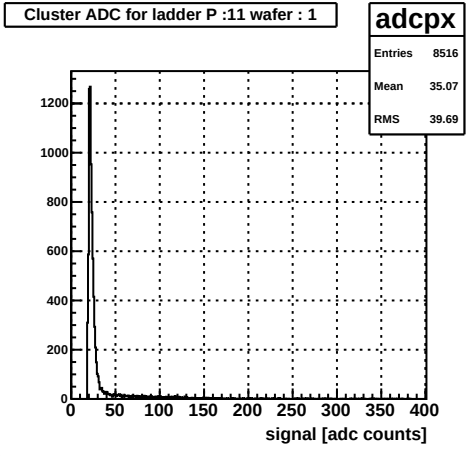

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 7728
Mean 55.44
RMS 48.38
signal [adc counts]

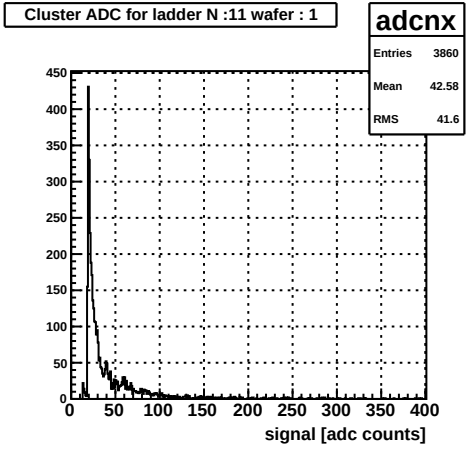

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 4550
Mean 18.69
RMS 19.33
signal [adc counts]

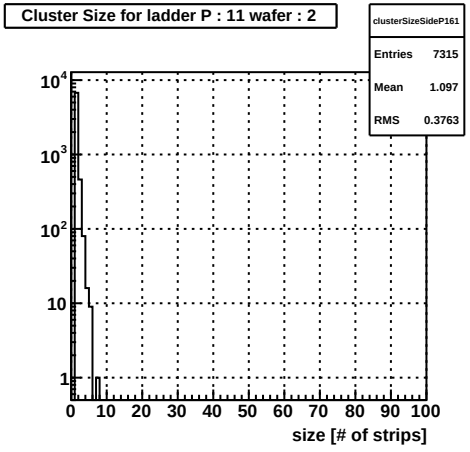

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 8516
Mean 1.086
RMS 0.3613
size [# of strips]

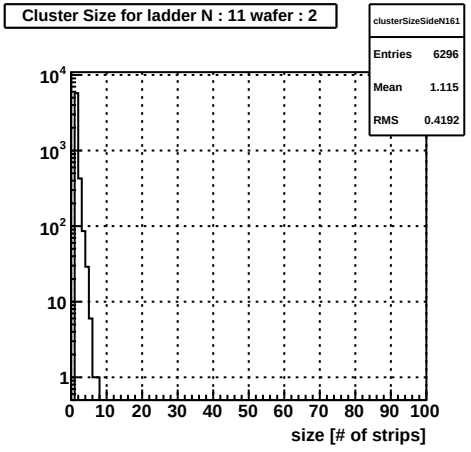

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 3860
Mean 1.457
RMS 0.9045
size [# of strips]

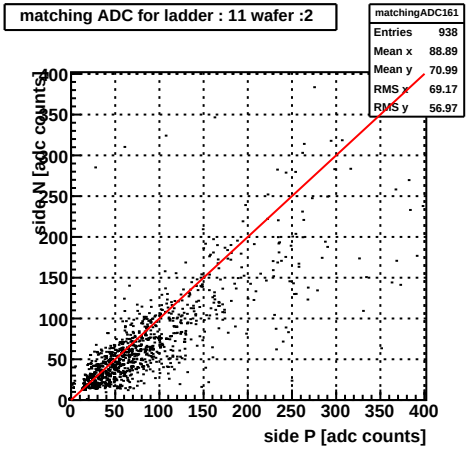

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 841
Mean x 81.64
Mean y 72.92
RMS x 63.18
RMS y 56.69
side N [adc counts]
side P [adc counts]

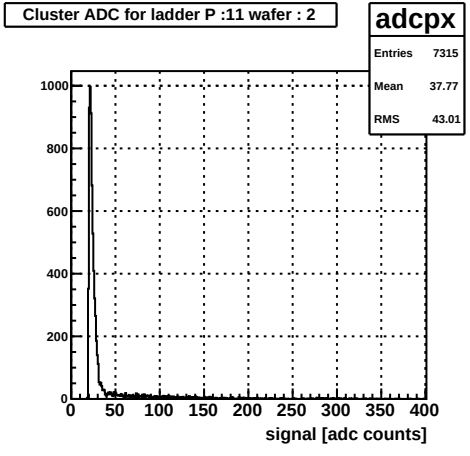

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 8516
Mean 35.07
RMS 39.69
signal [adc counts]

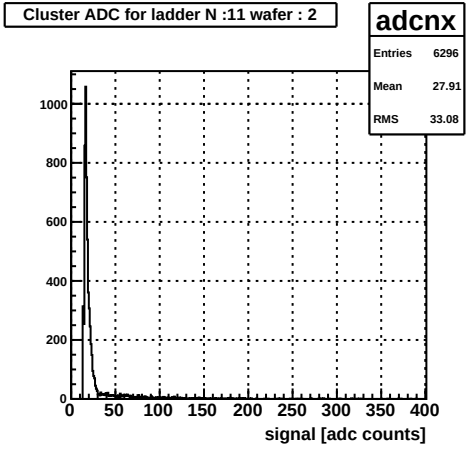

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 3860
Mean 42.58
RMS 41.6
signal [adc counts]

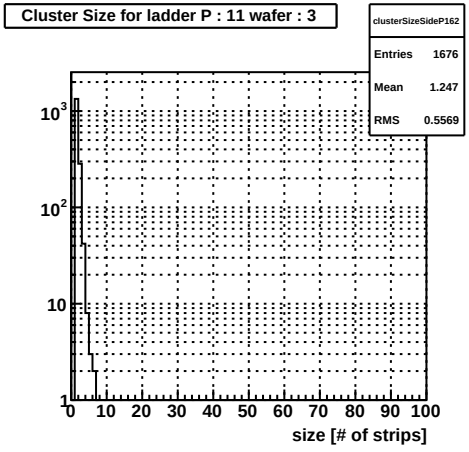

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 7315
Mean 1.097
RMS 0.3763
size [# of strips]

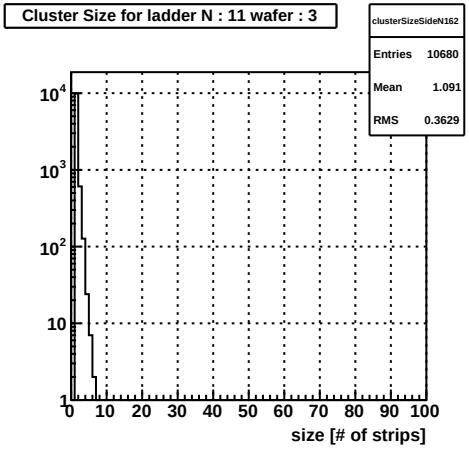

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 6296
Mean 1.115
RMS 0.4192
size [# of strips]

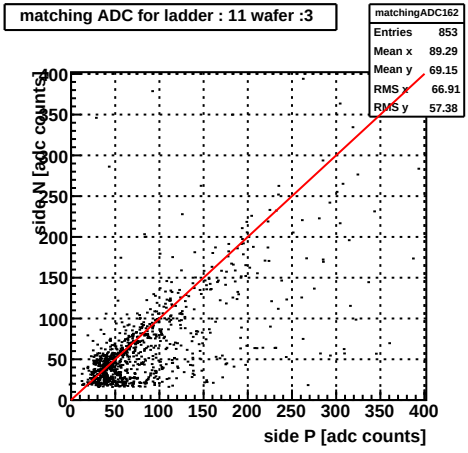

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 938
Mean x 88.89
Mean y 70.99
RMS x 69.17
RMS y 56.97
side N [adc counts]
side P [adc counts]

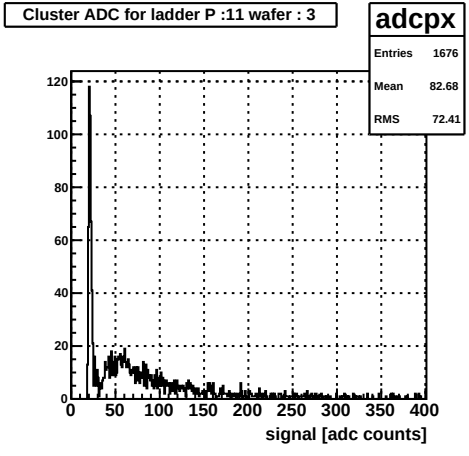

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 7315
Mean 37.77
RMS 43.01
signal [adc counts]

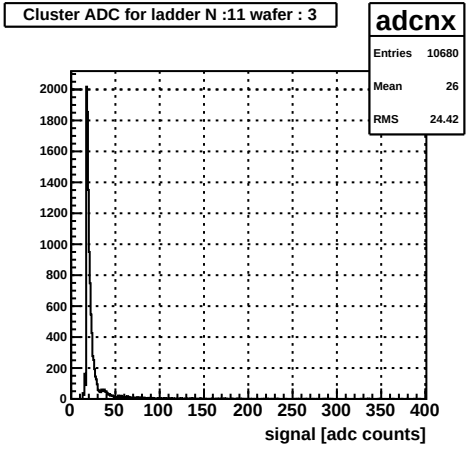

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 6296
Mean 27.91
RMS 33.08
signal [adc counts]

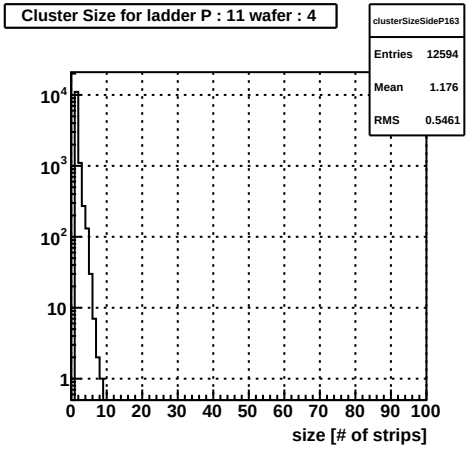

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 1676
Mean 1.247
RMS 0.5569
size [# of strips]

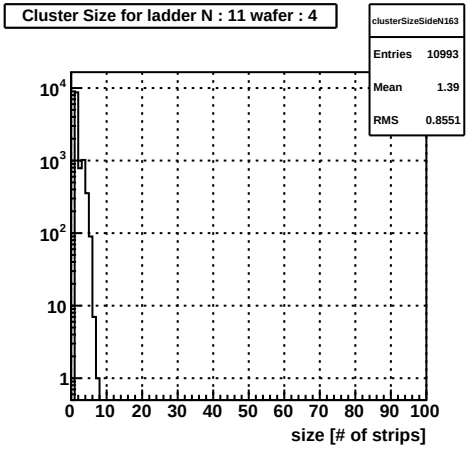

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 10680
Mean 1.091
RMS 0.3629
size [# of strips]

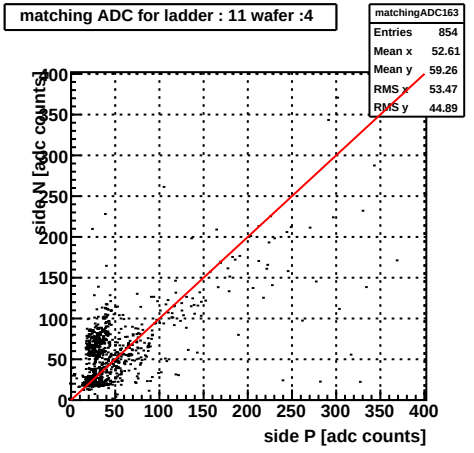

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 853
Mean x 89.29
Mean y 69.15
RMS x 66.91
RMS y 57.38
side N [adc counts]
side P [adc counts]

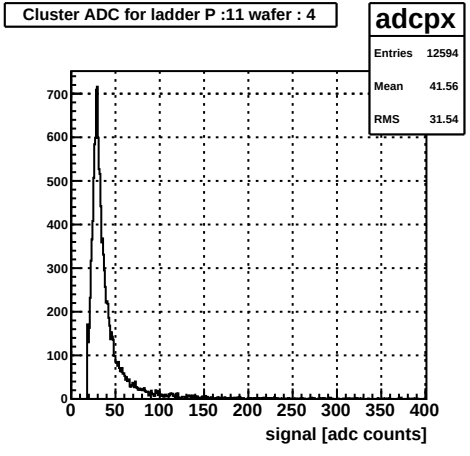

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 1676
Mean 82.68
RMS 72.41
signal [adc counts]

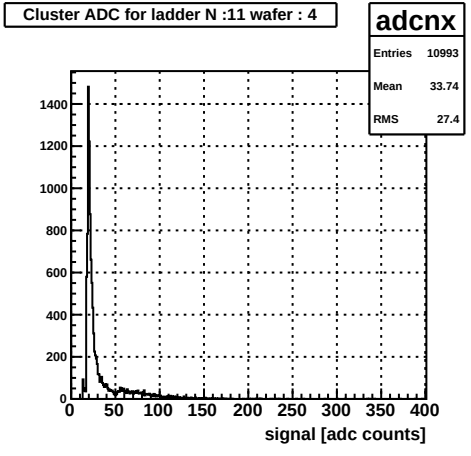

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 10680
Mean 26
RMS 24.42
signal [adc counts]

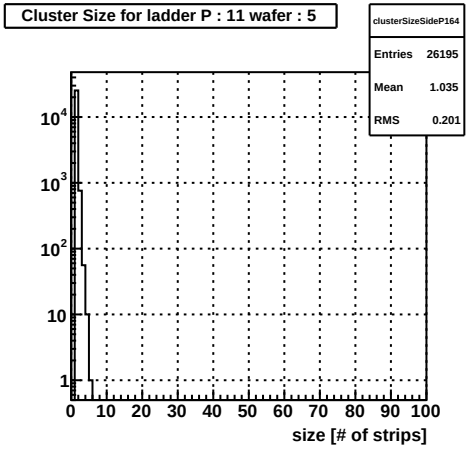

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 12594
Mean 1.176
RMS 0.5461
size [# of strips]

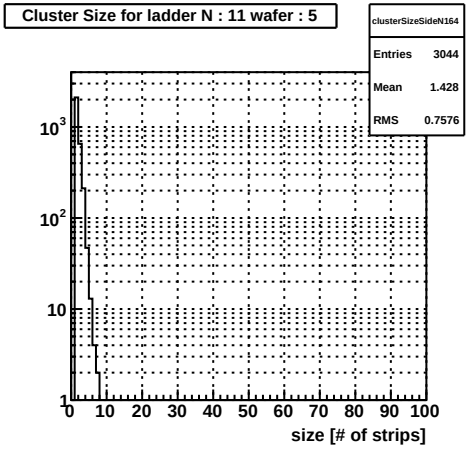

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 10993
Mean 1.39
RMS 0.8551
size [# of strips]

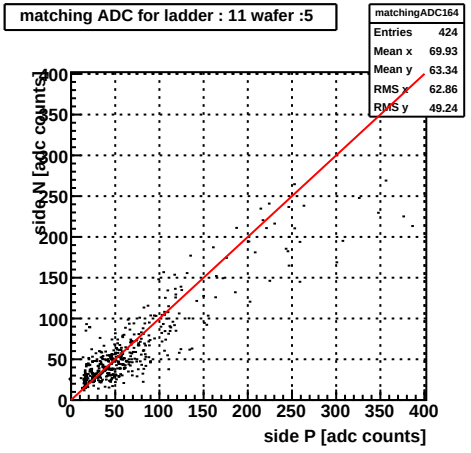

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 854
Mean x 52.61
Mean y 59.26
RMS x 53.47
RMS y 44.89
side N [adc counts]
side P [adc counts]

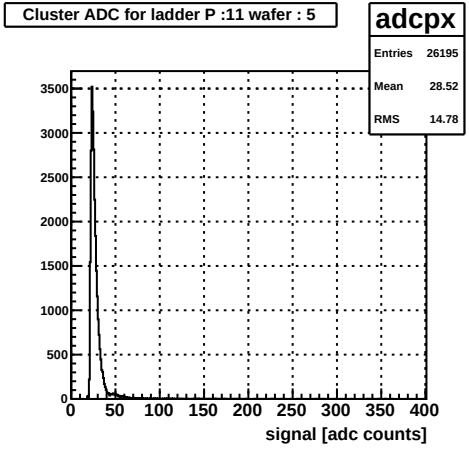

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 12594
Mean 41.56
RMS 31.54
signal [adc counts]

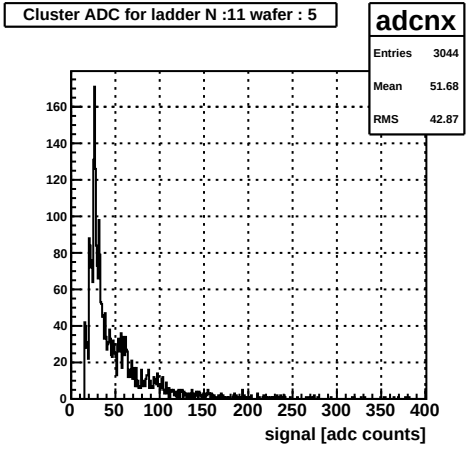

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 10993
Mean 33.74
RMS 27.4
signal [adc counts]

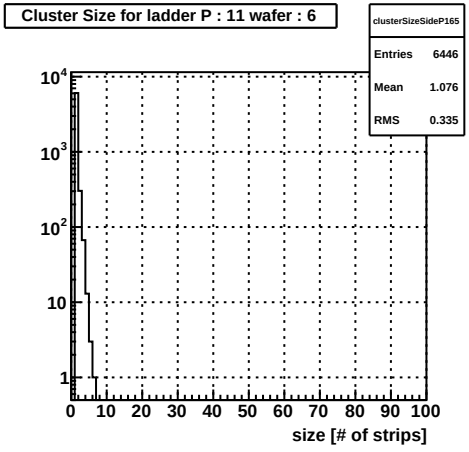

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 26195
Mean 1.035
RMS 0.201
size [# of strips]

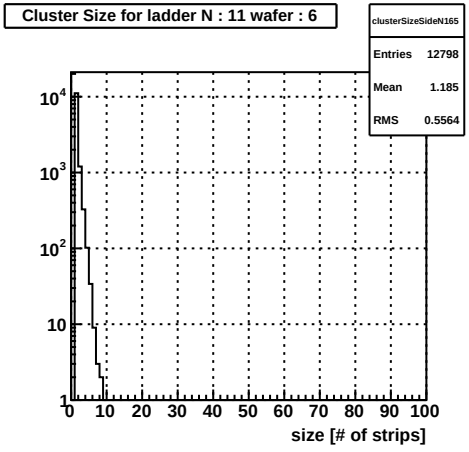

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 3044
Mean 1.428
RMS 0.7576
size [# of strips]

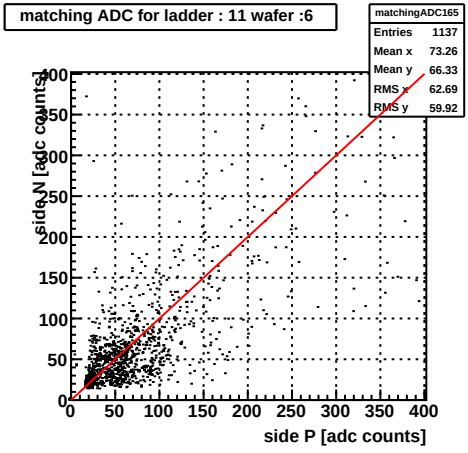

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 424
Mean x 69.93
Mean y 63.34
RMS x 62.86
RMS y 49.24
side N [adc counts]
side P [adc counts]

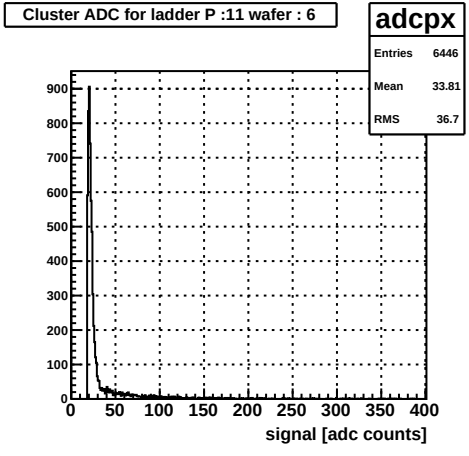

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 26195
Mean 28.52
RMS 14.78
signal [adc counts]

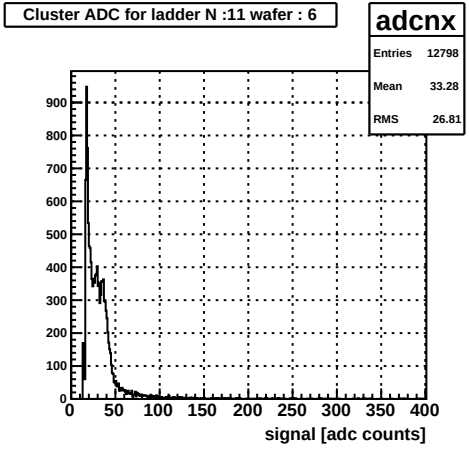

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 3044
Mean 51.68
RMS 42.87
signal [adc counts]

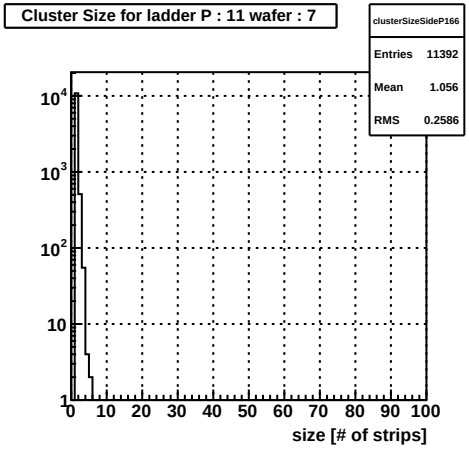

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 6446
Mean 1.076
RMS 0.335
size [# of strips]

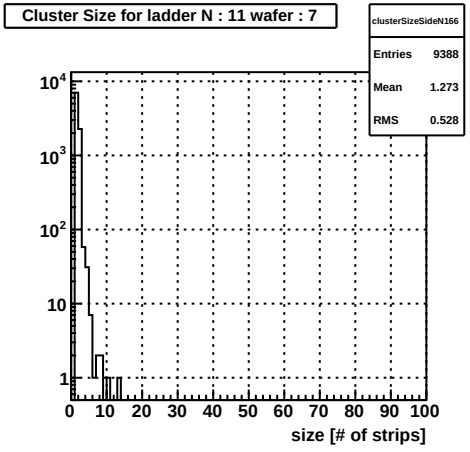

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 12798
Mean 1.185
RMS 0.5564
size [# of strips]

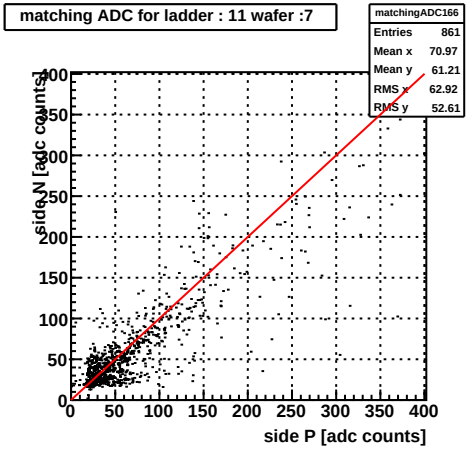

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 1137
Mean x 73.26
Mean y 66.33
RMS x 62.69
RMS y 59.92
side N [adc counts]
side P [adc counts]

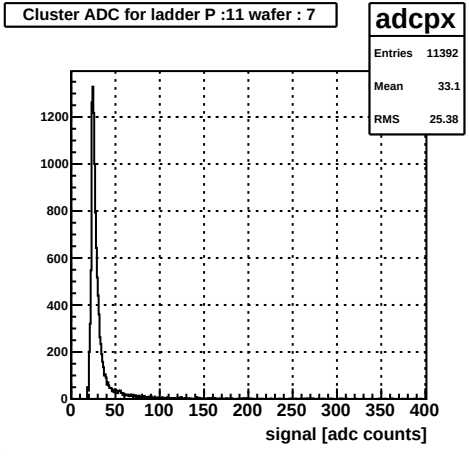

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 6446
Mean 33.81
RMS 36.7
signal [adc counts]

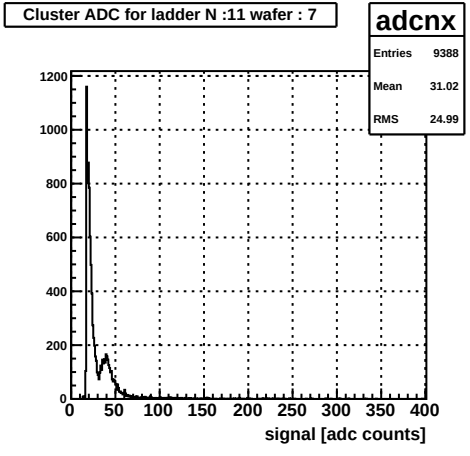

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 12798
Mean 33.28
RMS 26.81
signal [adc counts]

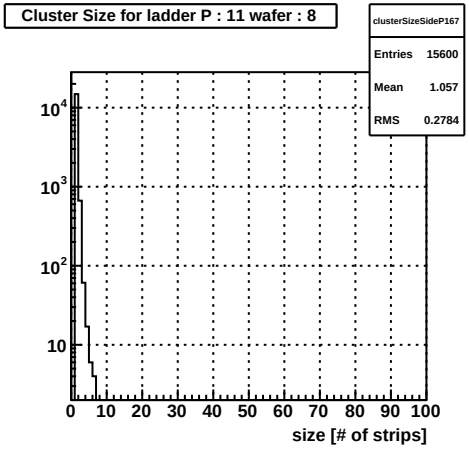

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 11392
Mean 1.056
RMS 0.2586
size [# of strips]

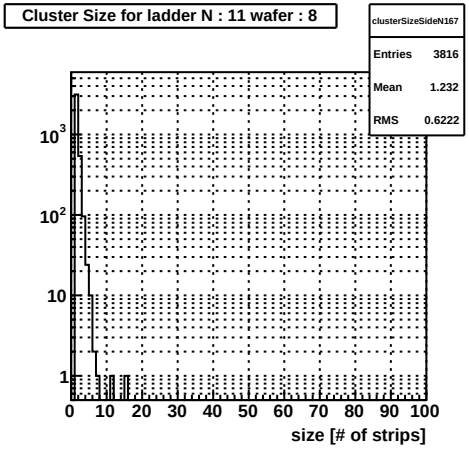

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 9388
Mean 1.273
RMS 0.528
size [# of strips]

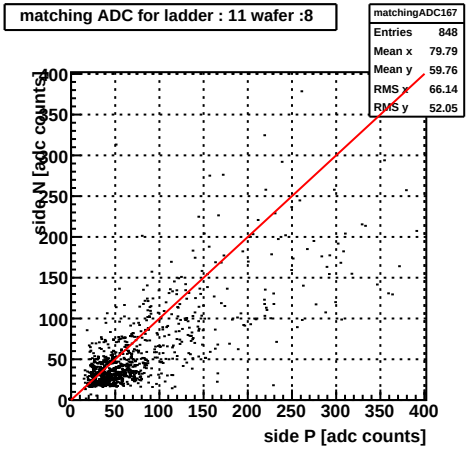

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 861
Mean x 70.97
Mean y 61.21
RMS x 62.92
RMS y 52.61
side N [adc counts]
side P [adc counts]

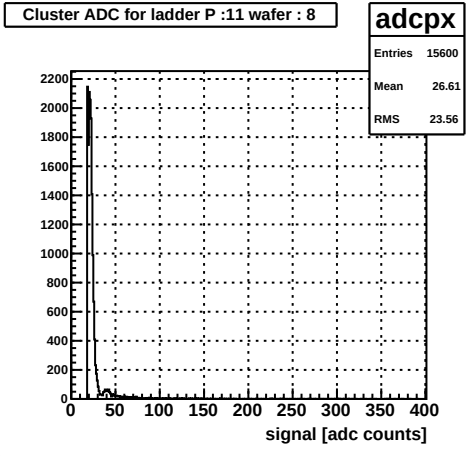

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 11392
Mean 33.1
RMS 25.38
signal [adc counts]

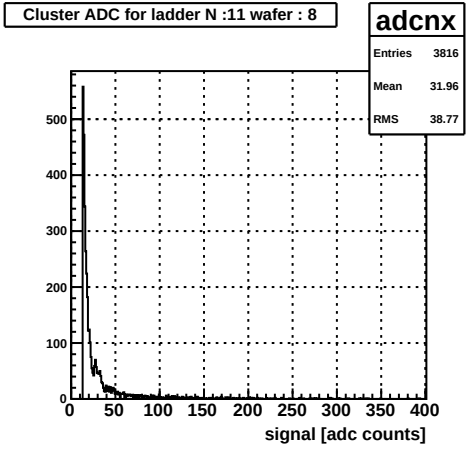

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 9388
Mean 31.02
RMS 24.99
signal [adc counts]

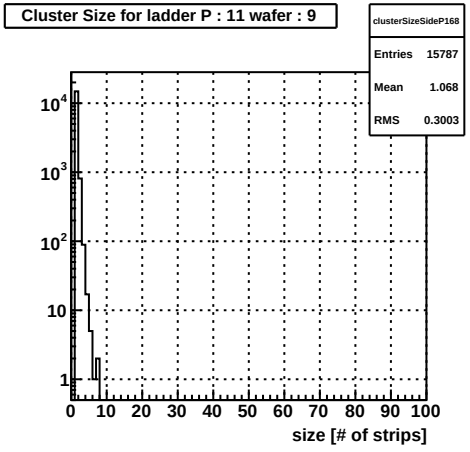

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 15600
Mean 1.057
RMS 0.2784
size [# of strips]

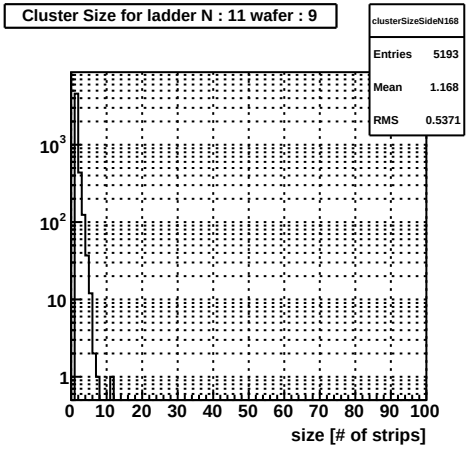

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 3816
Mean 1.232
RMS 0.6222
size [# of strips]

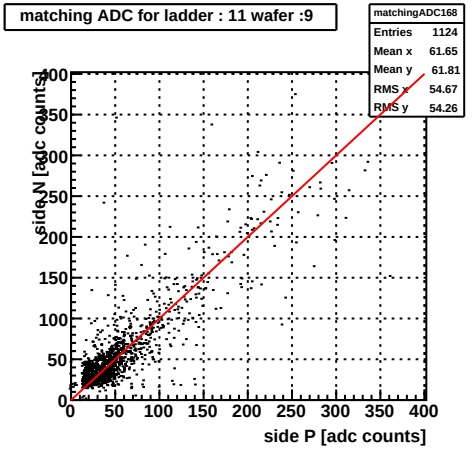

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 848
Mean x 79.79
Mean y 59.76
RMS x 66.14
RMS y 52.05
side N [adc counts]
side P [adc counts]

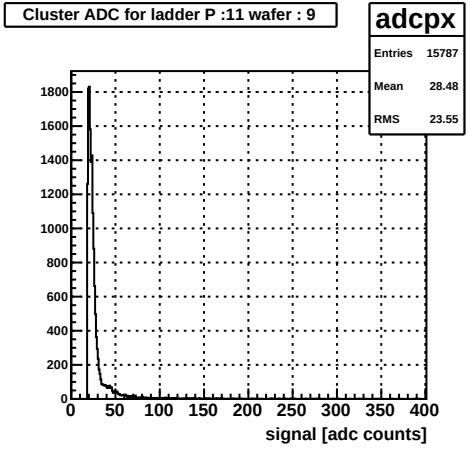

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 15600
Mean 26.61
RMS 23.56
signal [adc counts]

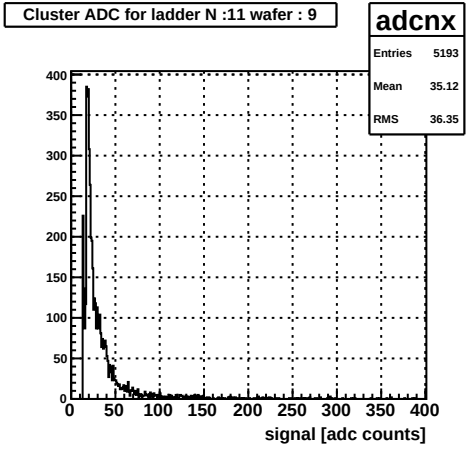

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 3816
Mean 31.96
RMS 38.77
signal [adc counts]

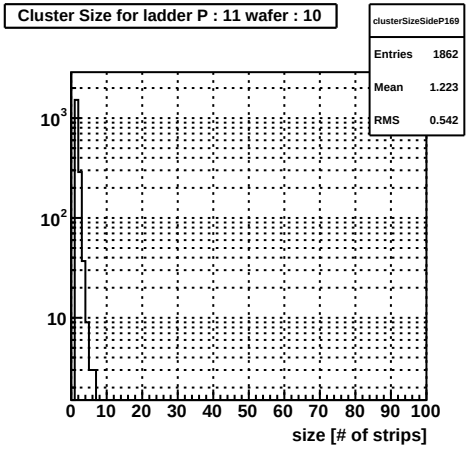

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 15787
Mean 1.068
RMS 0.3003
size [# of strips]

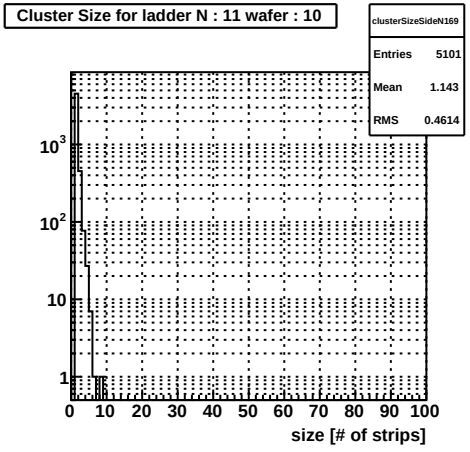

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 5193
Mean 1.168
RMS 0.5371
size [# of strips]

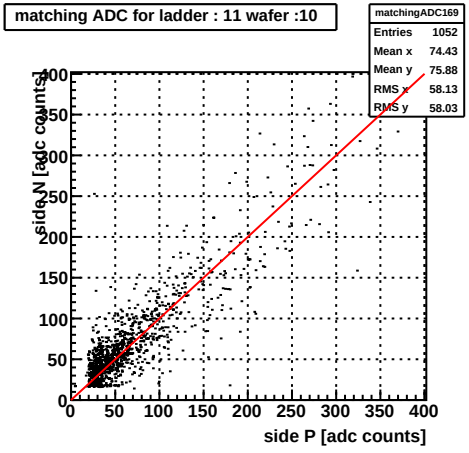

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 1124
Mean x 61.65
Mean y 61.81
RMS x 54.67
RMS y 54.26
side N [adc counts]
side P [adc counts]

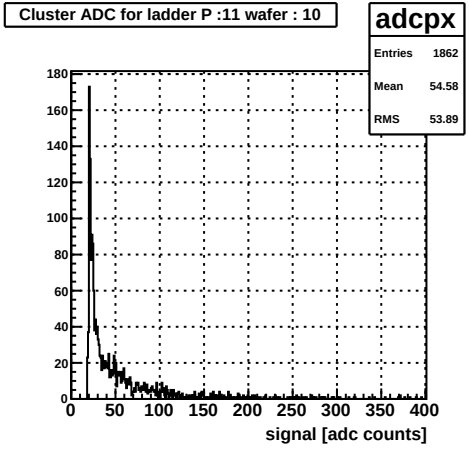

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 15787
Mean 28.48
RMS 23.55
signal [adc counts]

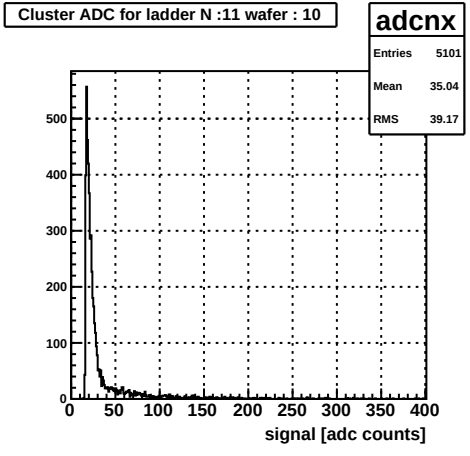

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 5193
Mean 35.12
RMS 36.35
signal [adc counts]

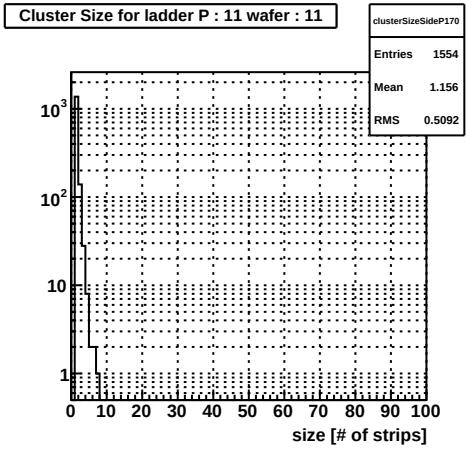

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 1862
Mean 1.223
RMS 0.542
size [# of strips]

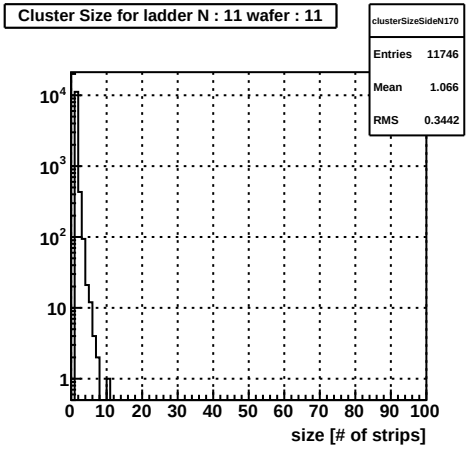

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 5101
Mean 1.143
RMS 0.4614
size [# of strips]

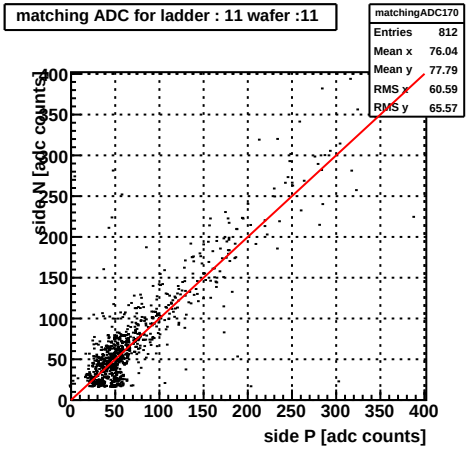

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 1052
Mean x 74.43
Mean y 75.88
RMS x 58.13
RMS y 58.03
side N [adc counts]
side P [adc counts]

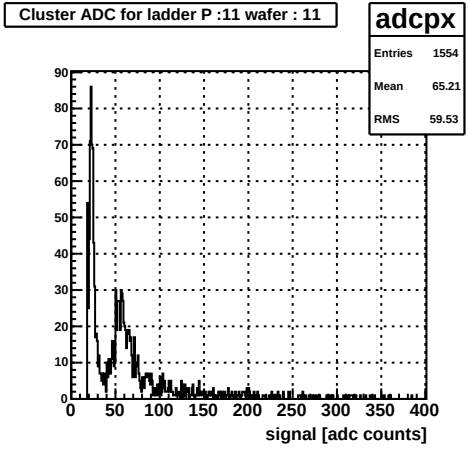

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 1862
Mean 54.58
RMS 53.89
signal [adc counts]

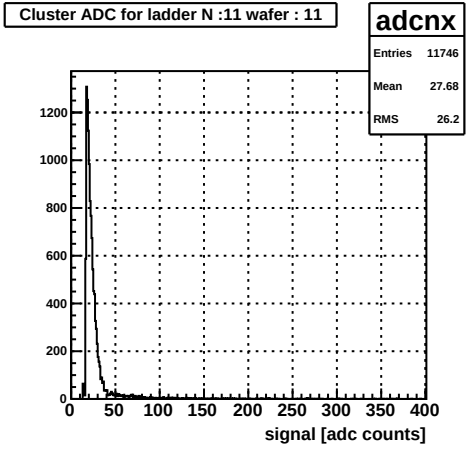

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 5101
Mean 35.04
RMS 39.17
signal [adc counts]

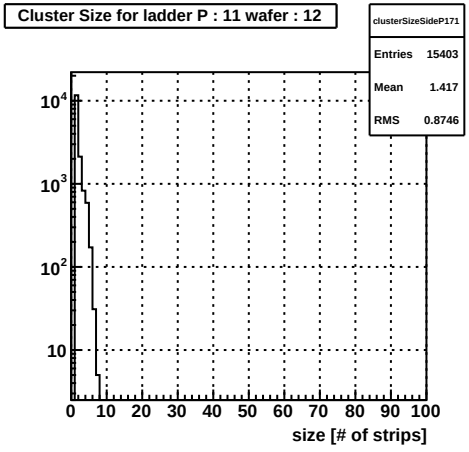

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 1554
Mean 1.156
RMS 0.5092
size [# of strips]

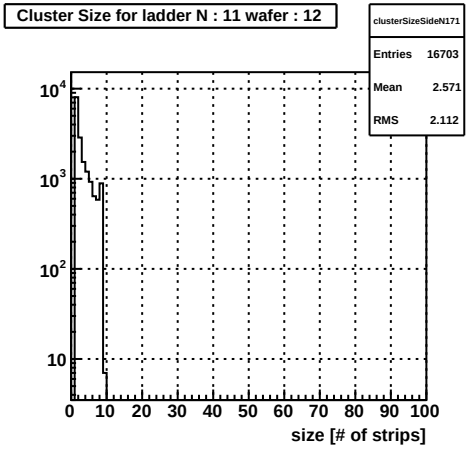

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 11746
Mean 1.066
RMS 0.3442
size [# of strips]

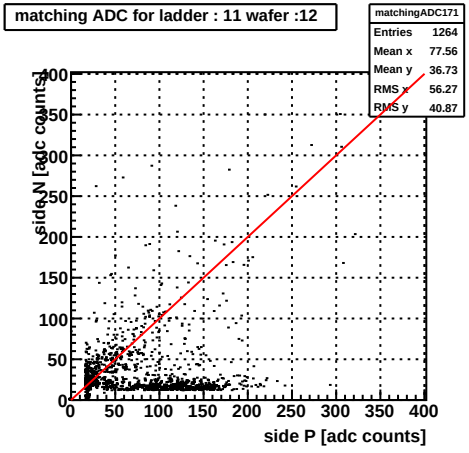

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 812
Mean x 76.04
Mean y 77.79
RMS x 60.59
RMS y 65.57
side N [adc counts]
side P [adc counts]

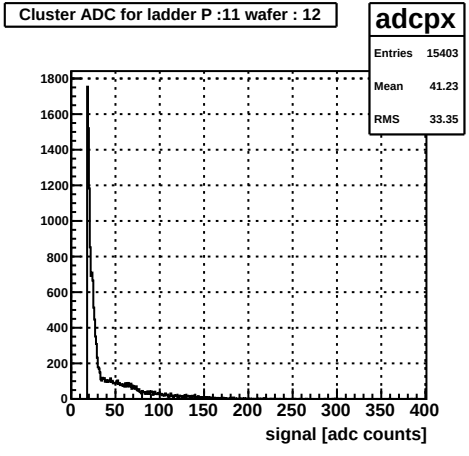

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 1554
Mean 65.21
RMS 59.53
signal [adc counts]

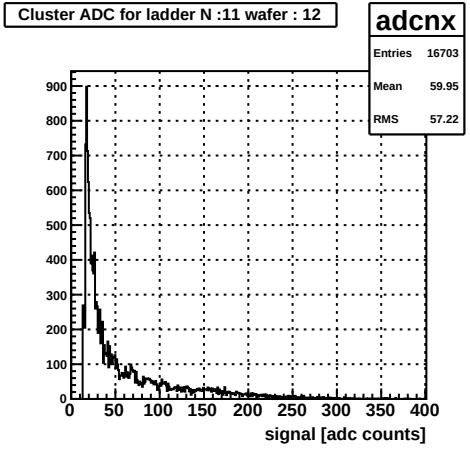

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 11746
Mean 27.68
RMS 26.2
signal [adc counts]

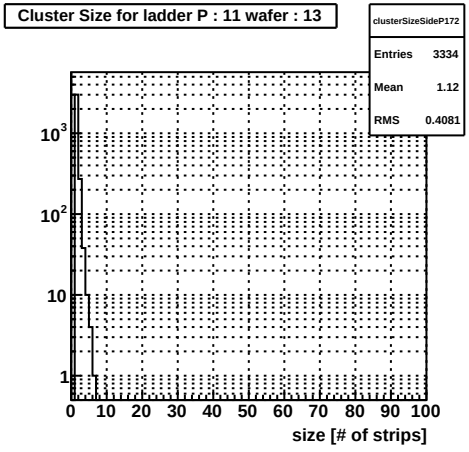

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 15403
Mean 1.417
RMS 0.8746
size [# of strips]

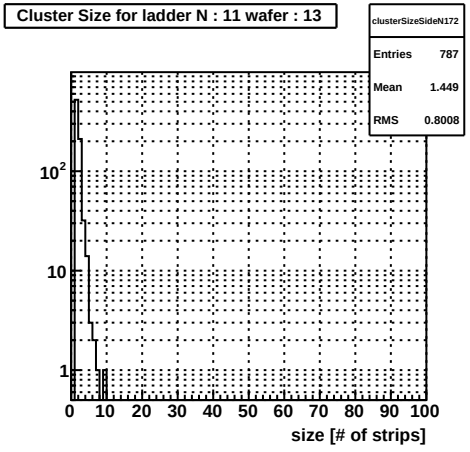

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 16703
Mean 2.571
RMS 2.112
size [# of strips]

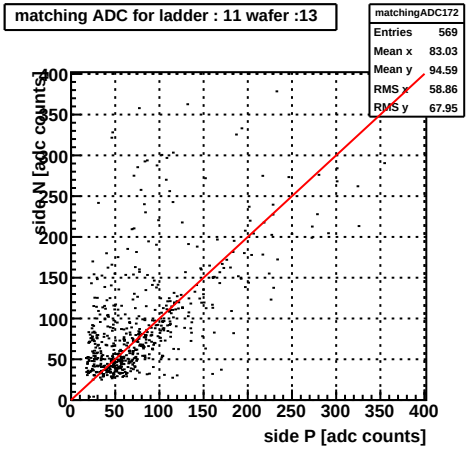

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 1264
Mean x 77.56
Mean y 36.73
RMS x 56.27
RMS y 40.87
side N [adc counts]
side P [adc counts]

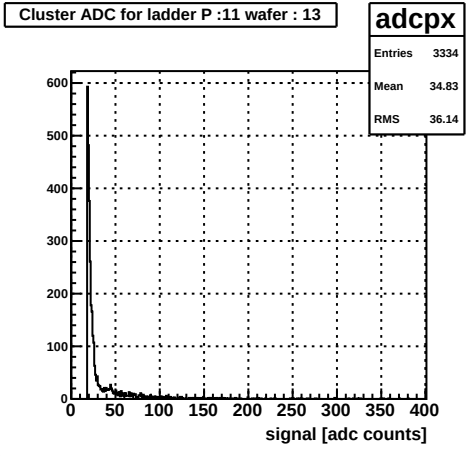

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 15403
Mean 41.23
RMS 33.35
signal [adc counts]

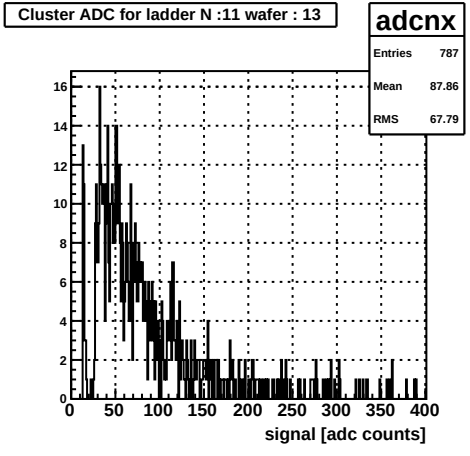

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 16703
Mean 59.95
RMS 57.22
signal [adc counts]

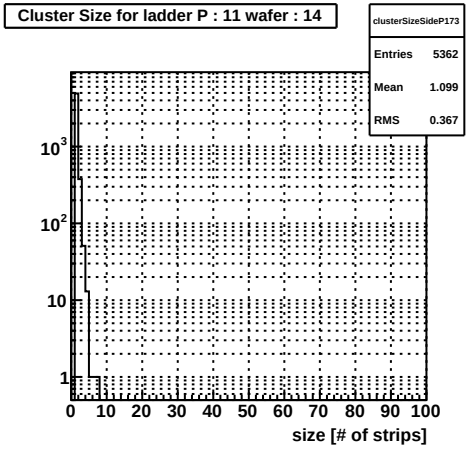

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 3334
Mean 1.12
RMS 0.4081
size [# of strips]

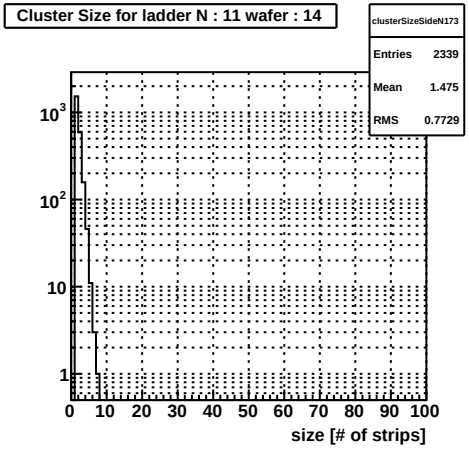

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 787
Mean 1.449
RMS 0.8008
size [# of strips]

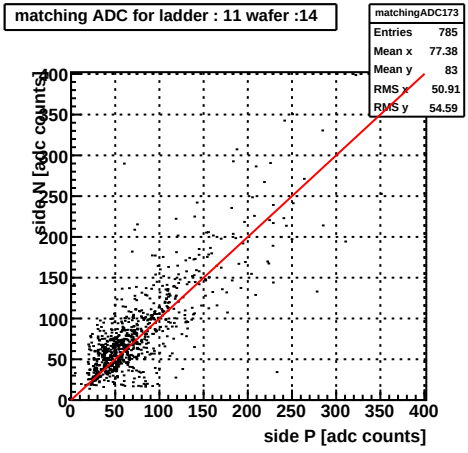

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 569
Mean x 83.03
Mean y 94.59
RMS x 58.86
RMS y 67.95
side N [adc counts]
side P [adc counts]

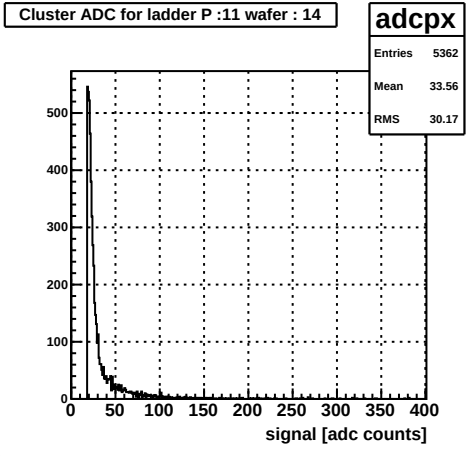

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 3334
Mean 34.83
RMS 36.14
signal [adc counts]

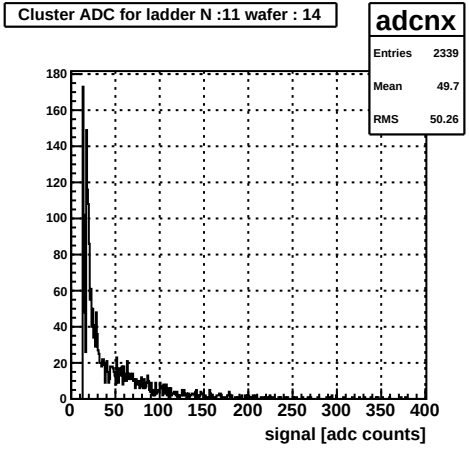

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 787
Mean 87.86
RMS 67.79
signal [adc counts]

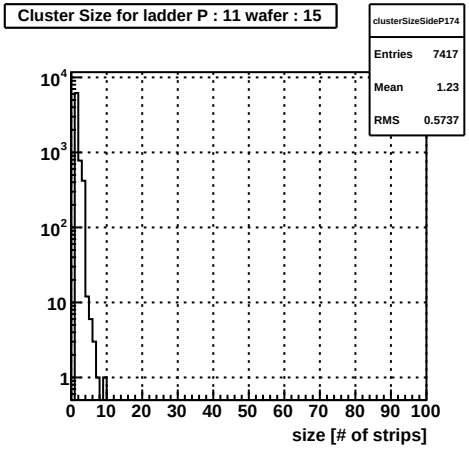

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 5362
Mean 1.099
RMS 0.367
size [# of strips]

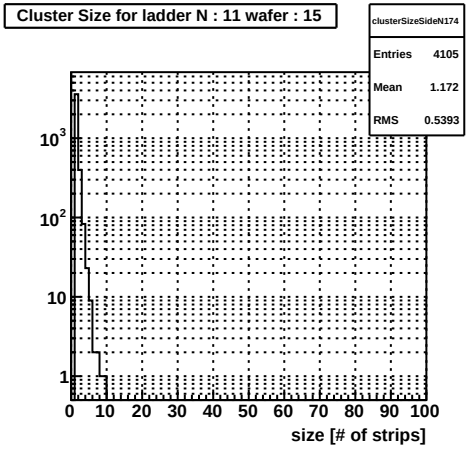

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 2339
Mean 1.475
RMS 0.7729
size [# of strips]

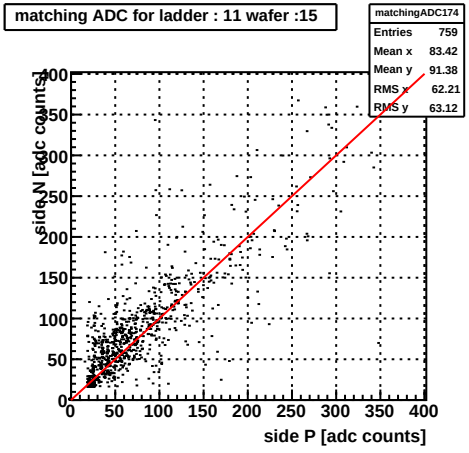

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 785
Mean x 77.38
Mean y 83
RMS x 50.91
RMS y 54.59
side N [adc counts]
side P [adc counts]

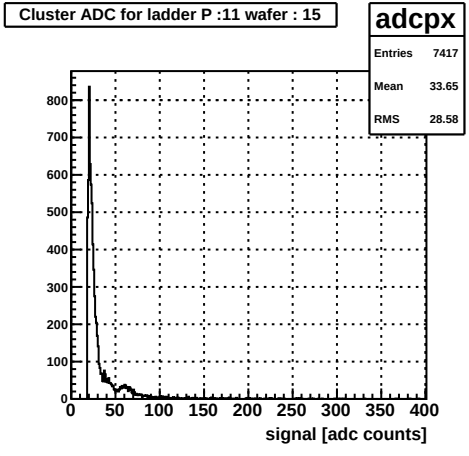

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 5362
Mean 33.56
RMS 30.17
signal [adc counts]

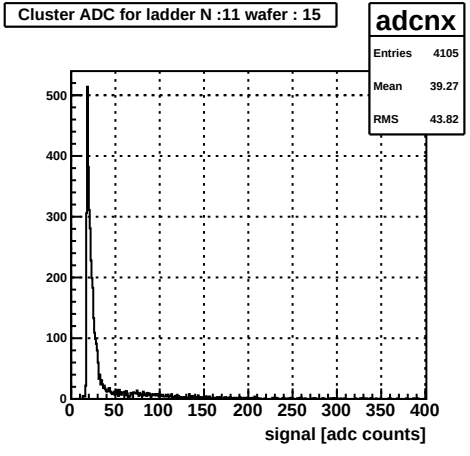

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 2339
Mean 49.7
RMS 50.26
signal [adc counts]

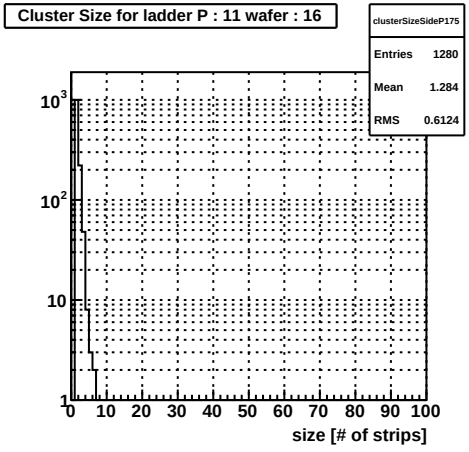

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 7417
Mean 1.23
RMS 0.5737
size [# of strips]

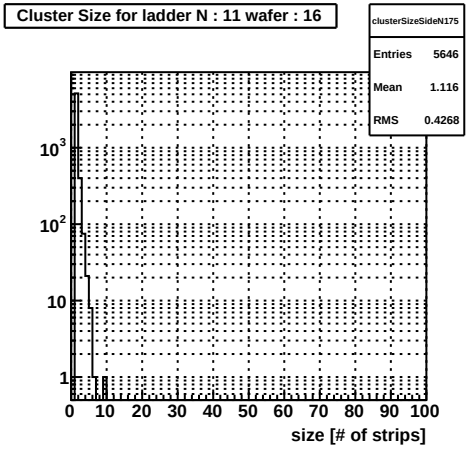

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 4105
Mean 1.172
RMS 0.5393
size [# of strips]

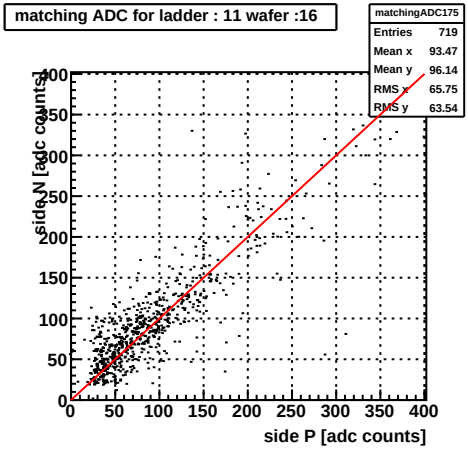

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 759
Mean x 83.42
Mean y 91.38
RMS x 62.21
RMS y 63.12
side N [adc counts]
side P [adc counts]

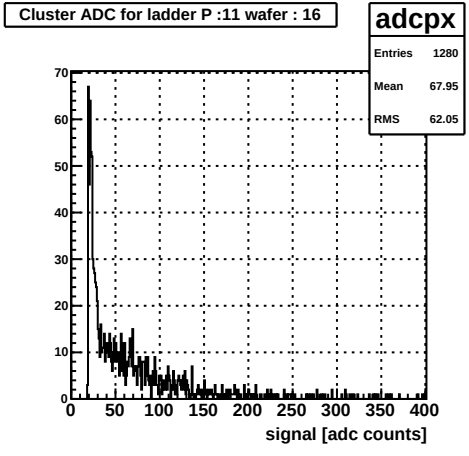

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 7417
Mean 33.65
RMS 28.58
signal [adc counts]

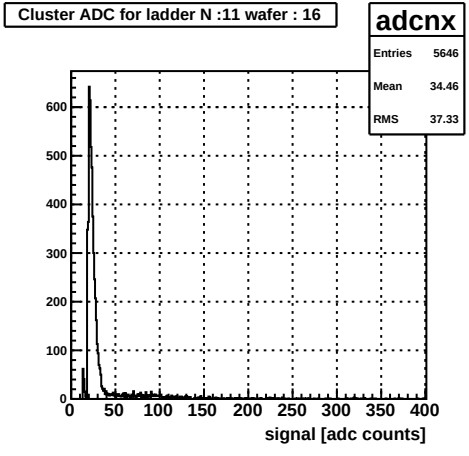

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 4105
Mean 39.27
RMS 43.82
signal [adc counts]

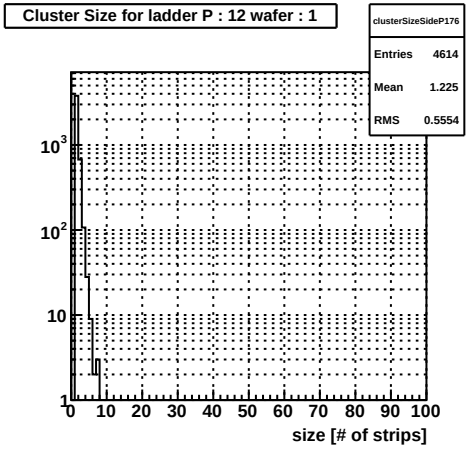

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 1280
Mean 1.284
RMS 0.6124
size [# of strips]

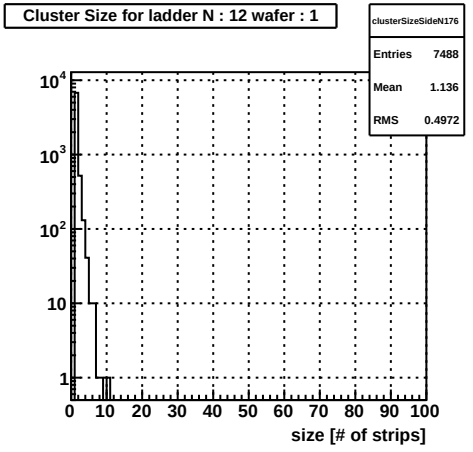

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 5646
Mean 1.116
RMS 0.4268
size [# of strips]

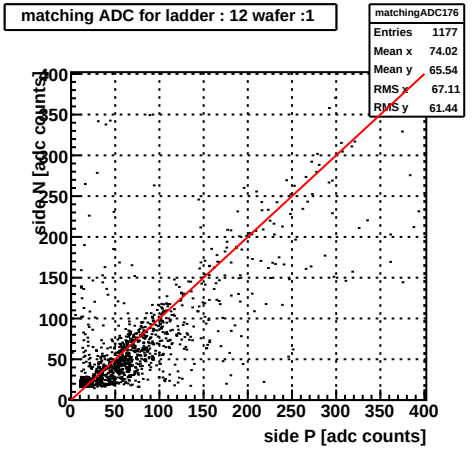

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 719
Mean x 93.47
Mean y 96.14
RMS x 65.75
RMS y 63.54
side N [adc counts]
side P [adc counts]

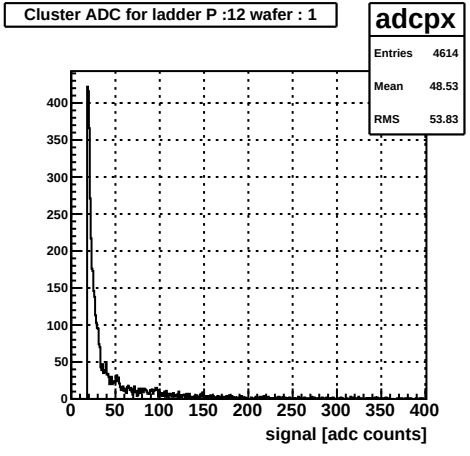

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 1280
Mean 67.95
RMS 62.05
signal [adc counts]

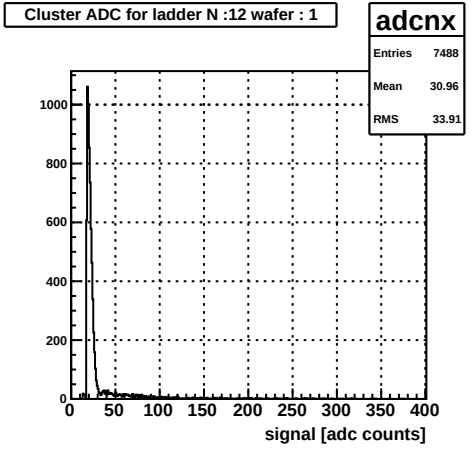

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 5646
Mean 34.46
RMS 37.33
signal [adc counts]

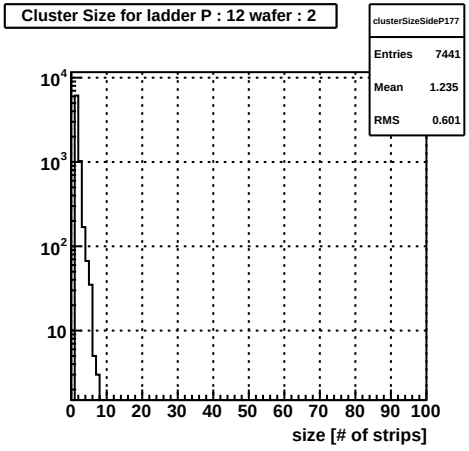

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 4614
Mean 1.225
RMS 0.5554
size [# of strips]

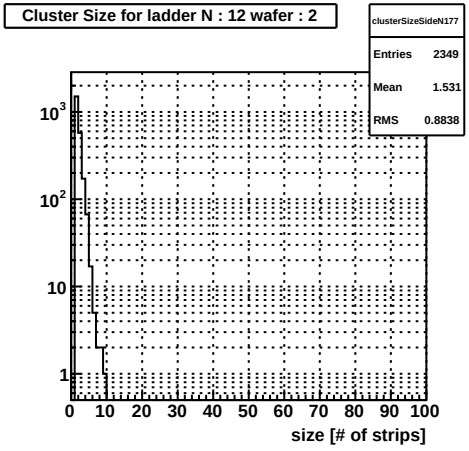

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 7488
Mean 1.136
RMS 0.4972
size [# of strips]

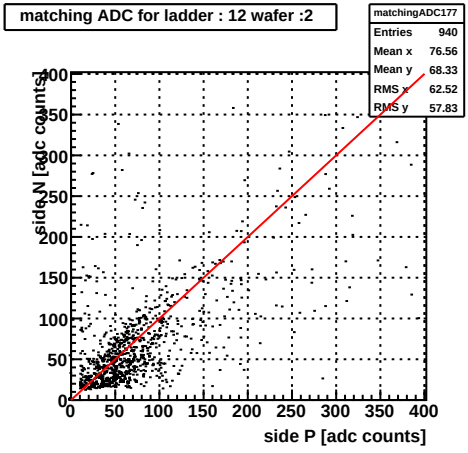

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 1177
Mean x 74.02
Mean y 65.54
RMS x 67.11
RMS y 61.44
side N [adc counts]
side P [adc counts]

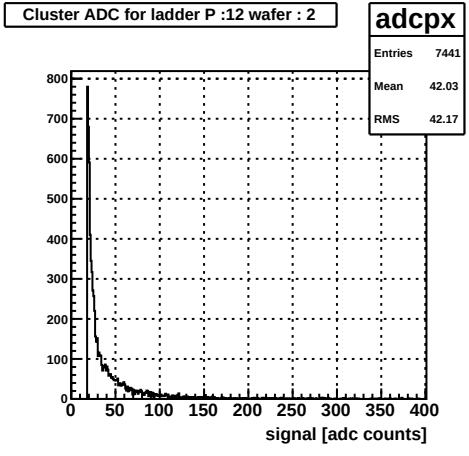

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 4614
Mean 48.53
RMS 53.83
signal [adc counts]

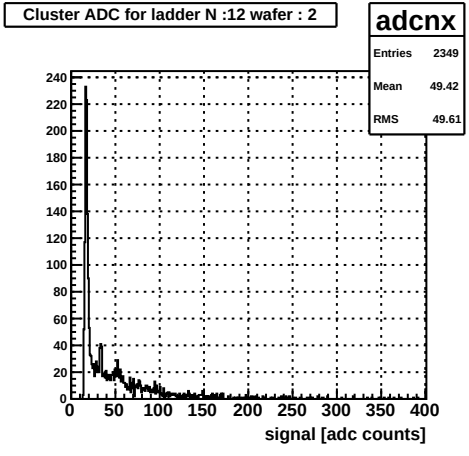

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 7488
Mean 30.96
RMS 33.91
signal [adc counts]

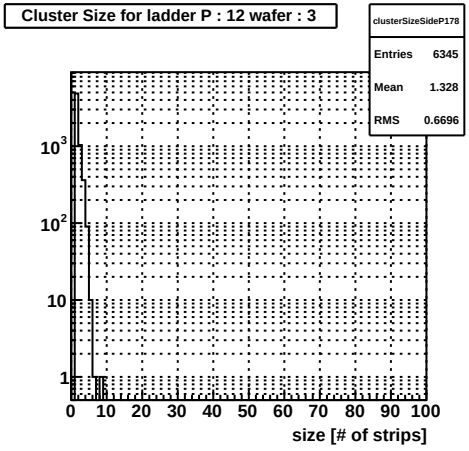

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 7441
Mean 1.235
RMS 0.601
size [# of strips]

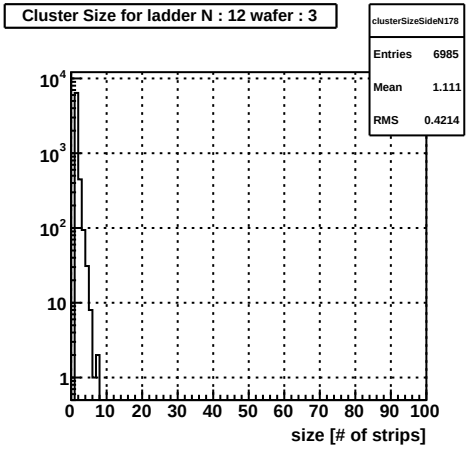

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 2349
Mean 1.531
RMS 0.8838
size [# of strips]

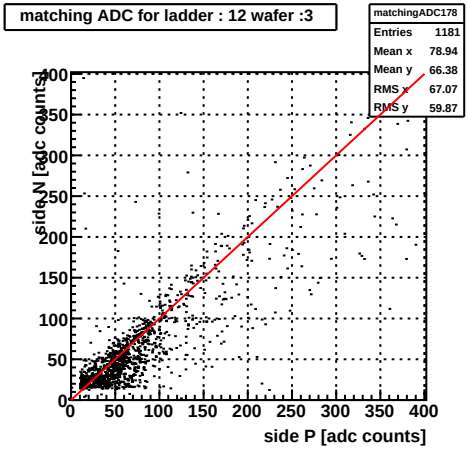

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 940
Mean x 76.56
Mean y 68.33
RMS x 62.52
RMS y 57.83
side N [adc counts]
side P [adc counts]

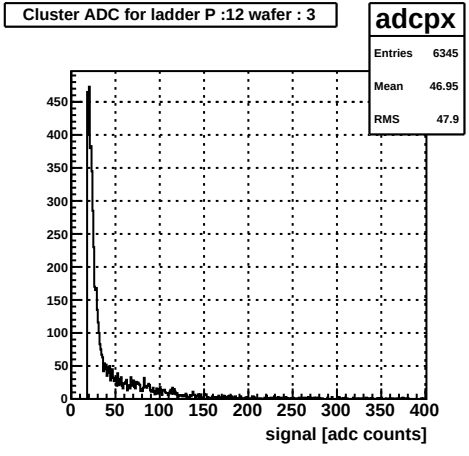

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 7441
Mean 42.03
RMS 42.17
signal [adc counts]

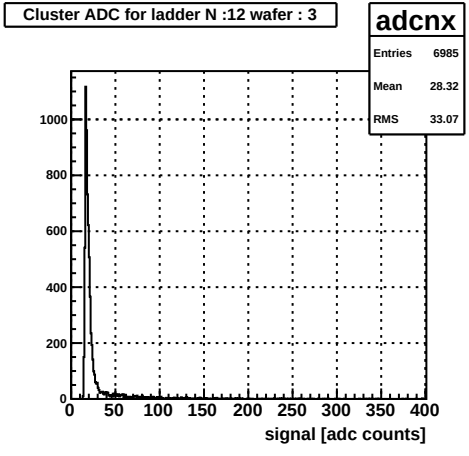

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 2349
Mean 49.42
RMS 49.61
signal [adc counts]

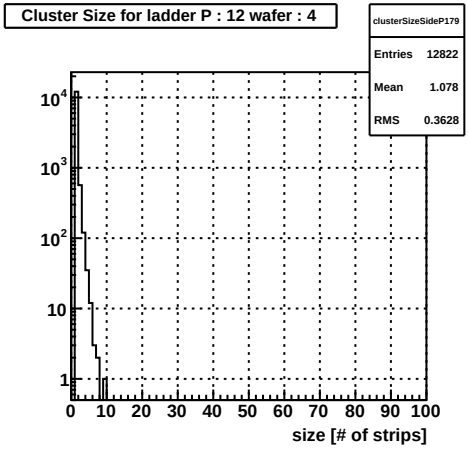

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 6345
Mean 1.328
RMS 0.6696
size [# of strips]

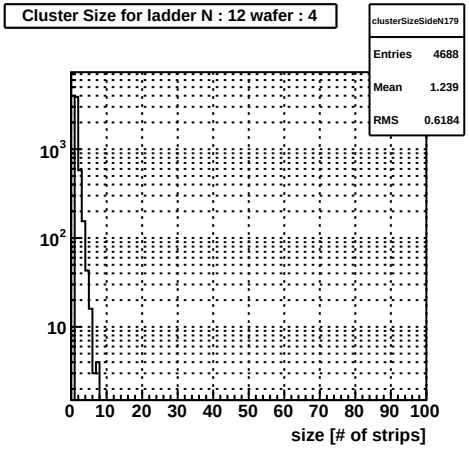

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 6985
Mean 1.111
RMS 0.4214
size [# of strips]

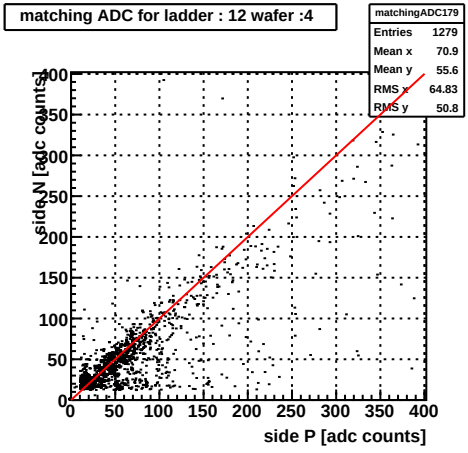

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 1181
Mean x 78.94
Mean y 66.38
RMS x 67.07
RMS y 59.87
side N [adc counts]
side P [adc counts]

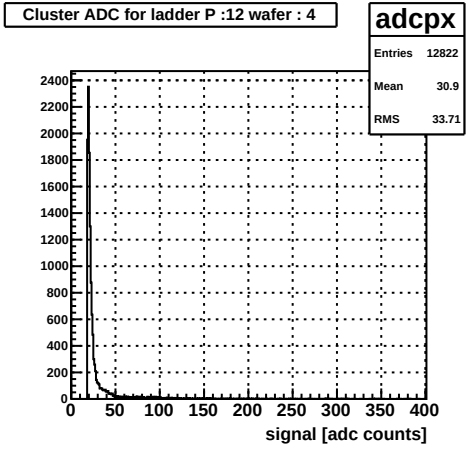

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 6345
Mean 46.95
RMS 47.9
signal [adc counts]

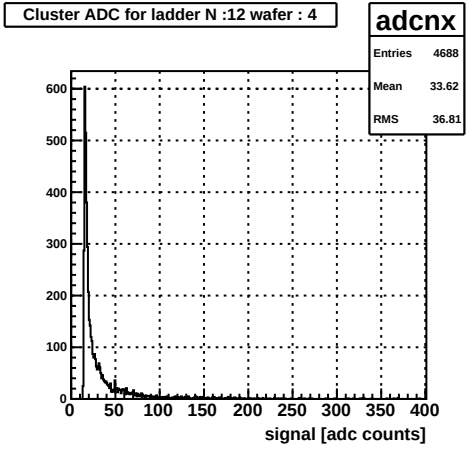

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 6985
Mean 28.32
RMS 33.07
signal [adc counts]

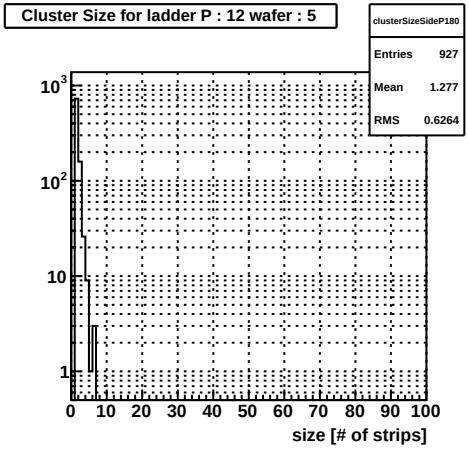

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 12822
Mean 1.078
RMS 0.3628
size [# of strips]

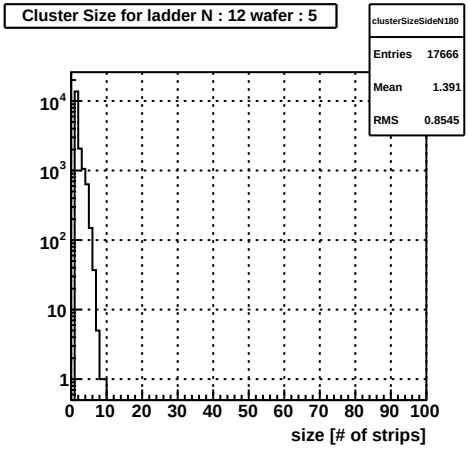

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 4688
Mean 1.239
RMS 0.6184
size [# of strips]

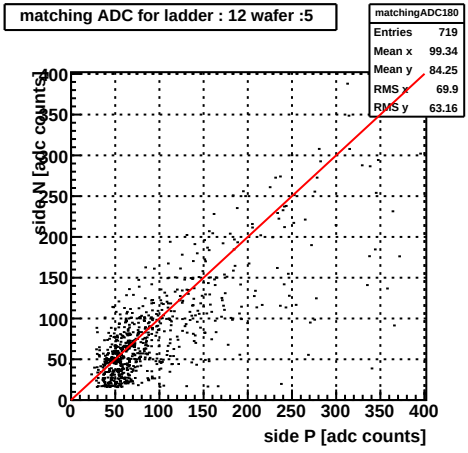

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 1279
Mean x 70.9
Mean y 55.6
RMS x 64.83
RMS y 50.8
side N [adc counts]
side P [adc counts]

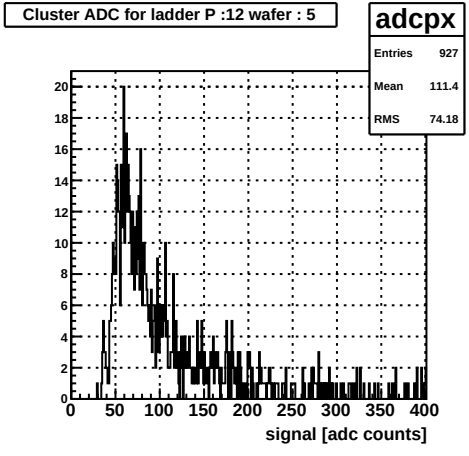

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 12822
Mean 30.9
RMS 33.71
signal [adc counts]

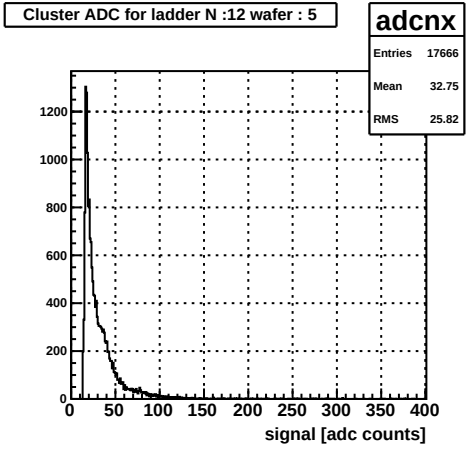

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 4688
Mean 33.62
RMS 36.81
signal [adc counts]

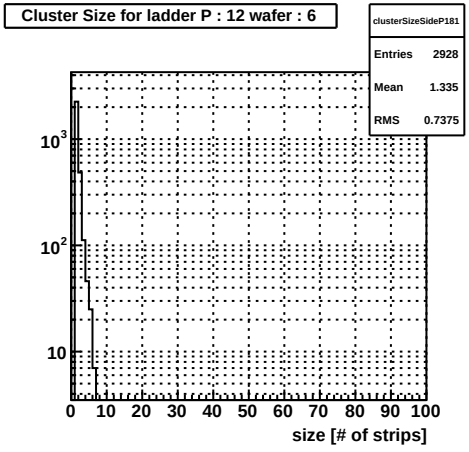

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 927
Mean 1.277
RMS 0.6264
size [# of strips]

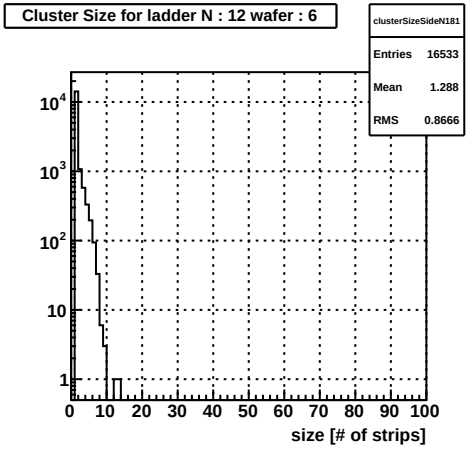

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 17666
Mean 1.391
RMS 0.8545
size [# of strips]

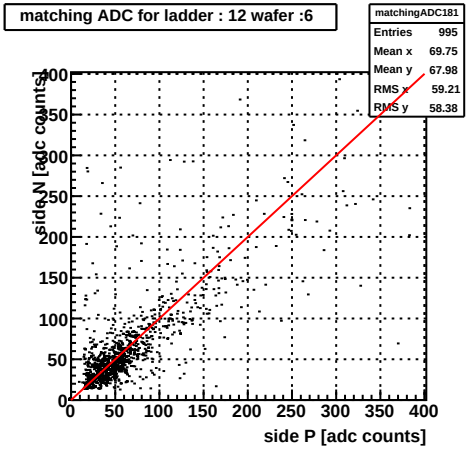

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 719
Mean x 99.34
Mean y 84.25
RMS x 69.9
RMS y 63.16
side N [adc counts]
side P [adc counts]

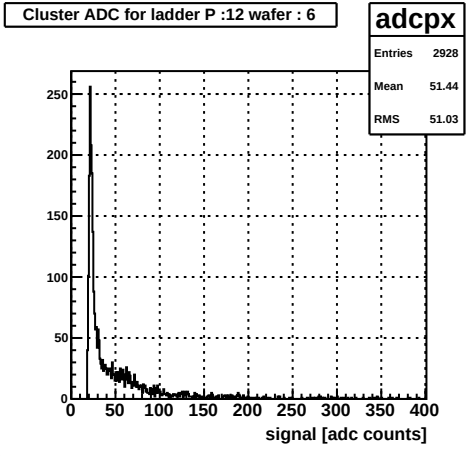

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 927
Mean 111.4
RMS 74.18
signal [adc counts]

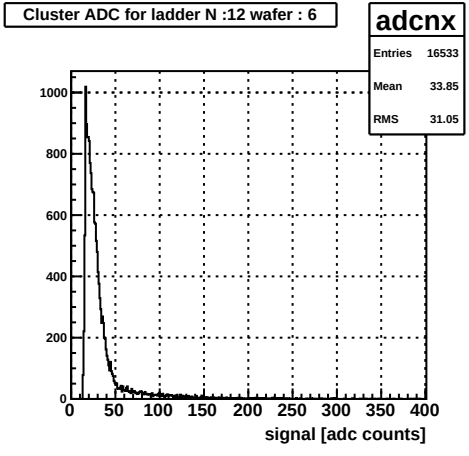

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 17666
Mean 32.75
RMS 25.82
signal [adc counts]

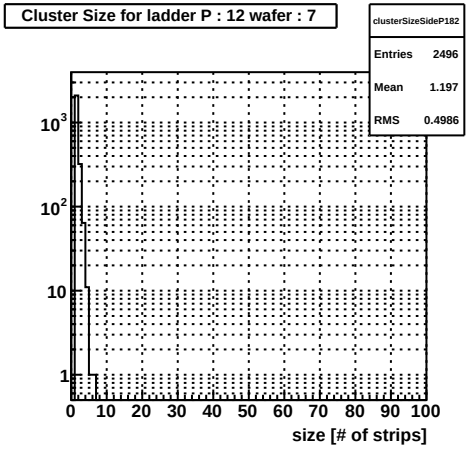

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 2928
Mean 1.335
RMS 0.7375
size [# of strips]

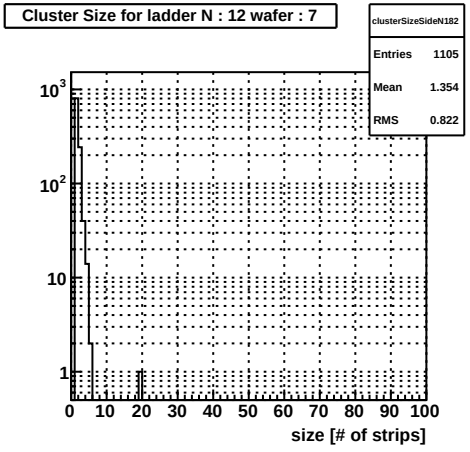

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 16533
Mean 1.288
RMS 0.8666
size [# of strips]

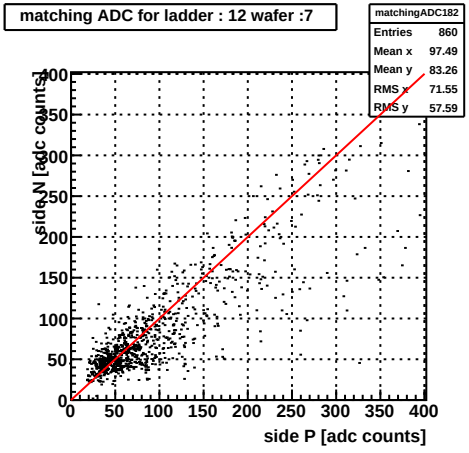

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 995
Mean x 69.75
Mean y 67.98
RMS x 59.21
RMS y 58.38
side N [adc counts]
side P [adc counts]

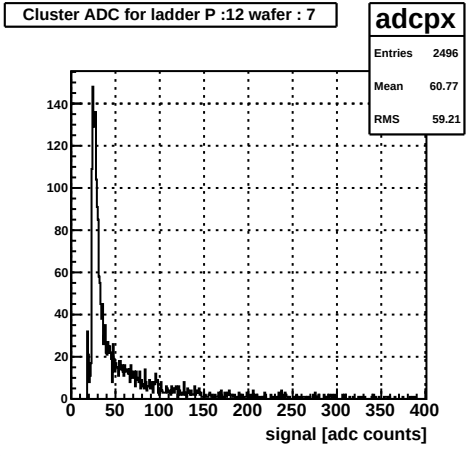

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 2928
Mean 51.44
RMS 51.03
signal [adc counts]

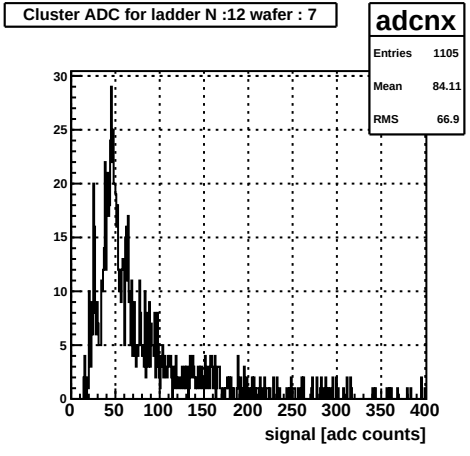

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 16533
Mean 33.85
RMS 31.05
signal [adc counts]

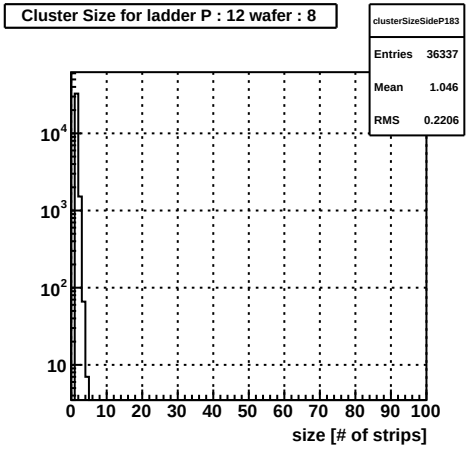

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 2496
Mean 1.197
RMS 0.4986
size [# of strips]

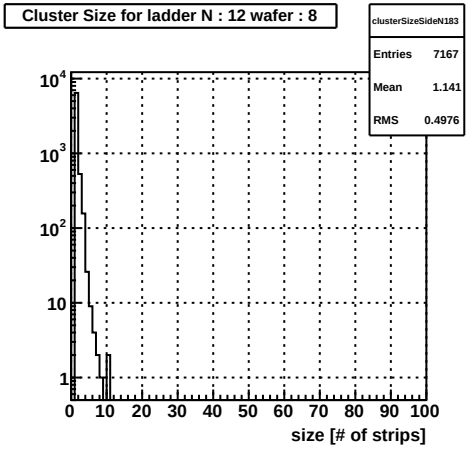

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 1105
Mean 1.354
RMS 0.822
size [# of strips]

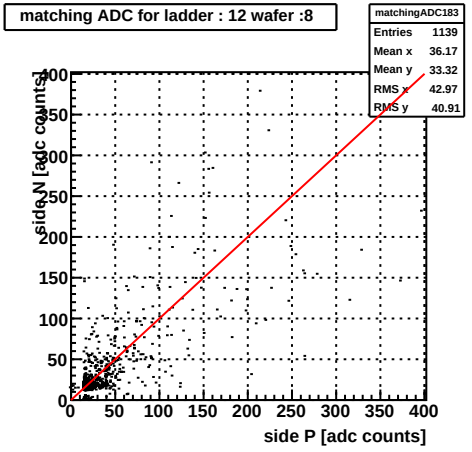

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 860
Mean x 97.49
Mean y 83.26
RMS x 71.55
RMS y 57.59
side N [adc counts]
side P [adc counts]

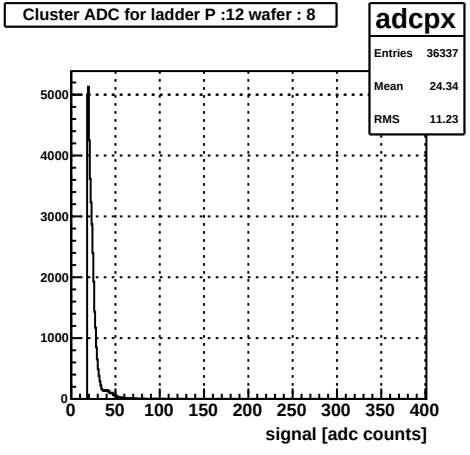

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 2496
Mean 60.77
RMS 59.21
signal [adc counts]

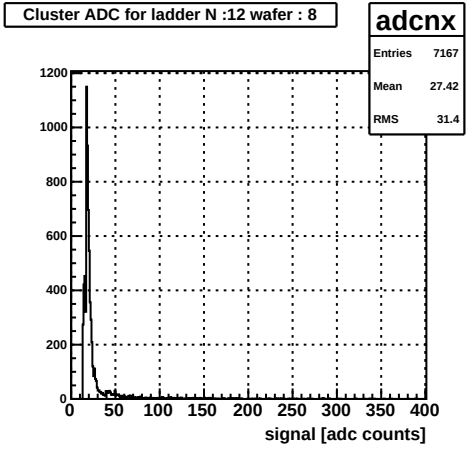

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 1105
Mean 84.11
RMS 66.9
signal [adc counts]

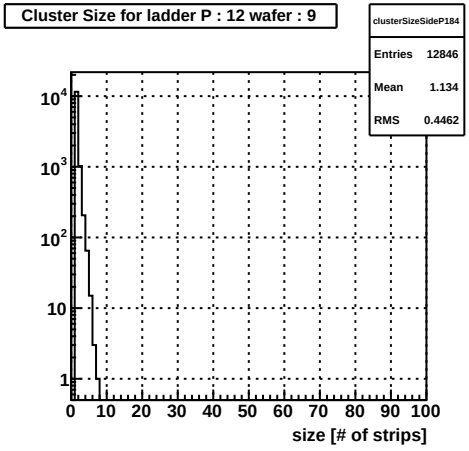

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 36337
Mean 1.046
RMS 0.2206
size [# of strips]

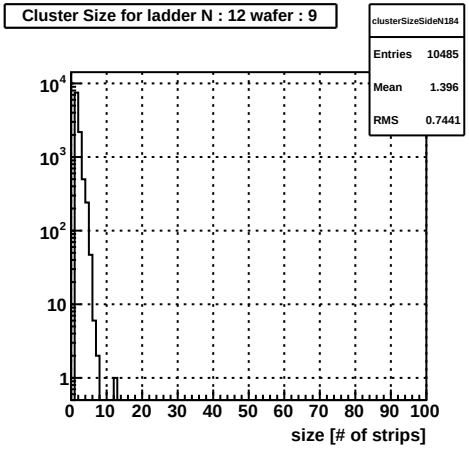

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 7167
Mean 1.141
RMS 0.4976
size [# of strips]

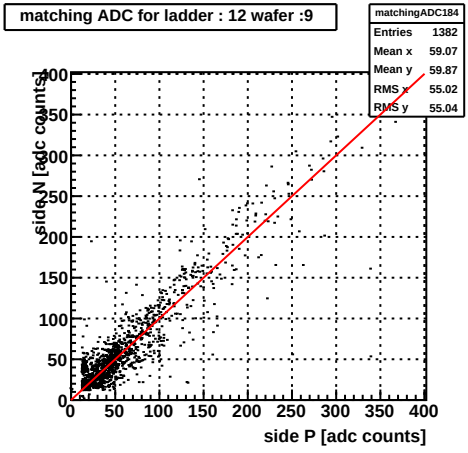

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 1139
Mean x 36.17
Mean y 33.32
RMS x 42.97
RMS y 40.91
side N [adc counts]
side P [adc counts]

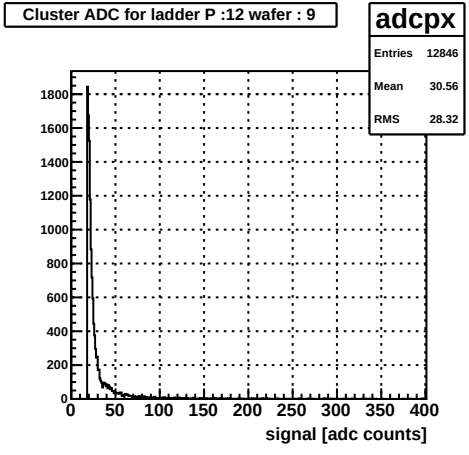

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 36337
Mean 24.34
RMS 11.23
signal [adc counts]

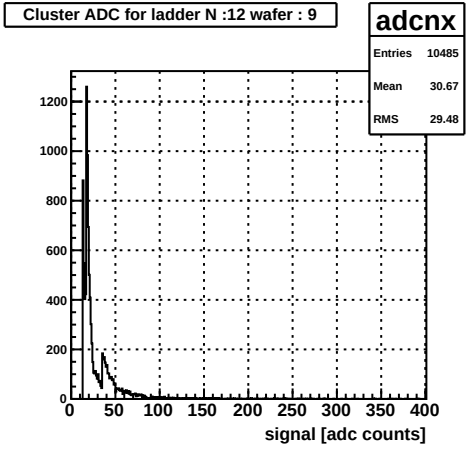

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 7167
Mean 27.42
RMS 31.4
signal [adc counts]

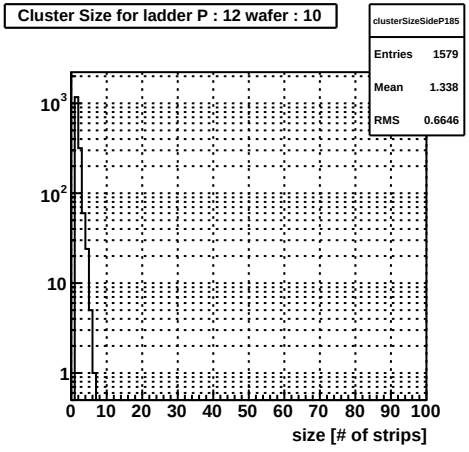

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 12846
Mean 1.134
RMS 0.4462
size [# of strips]

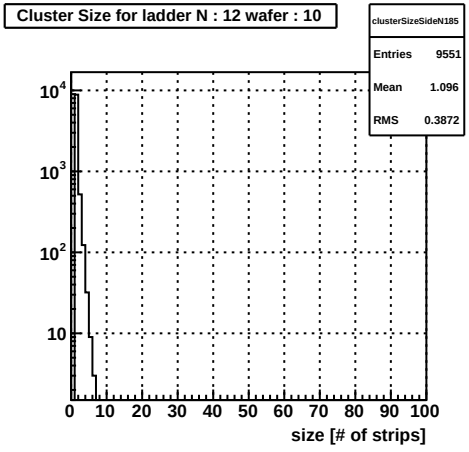

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 10485
Mean 1.396
RMS 0.7441
size [# of strips]

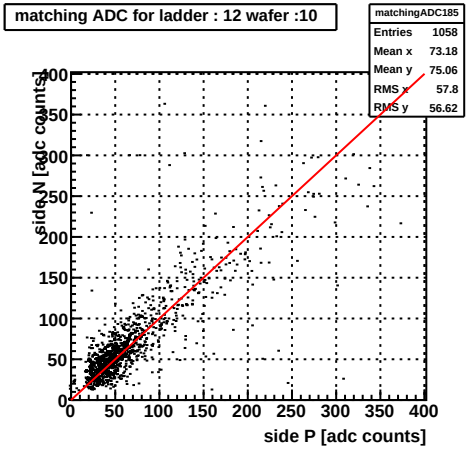

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 1382
Mean x 59.07
Mean y 59.87
RMS x 55.02
RMS y 55.04
side N [adc counts]
side P [adc counts]

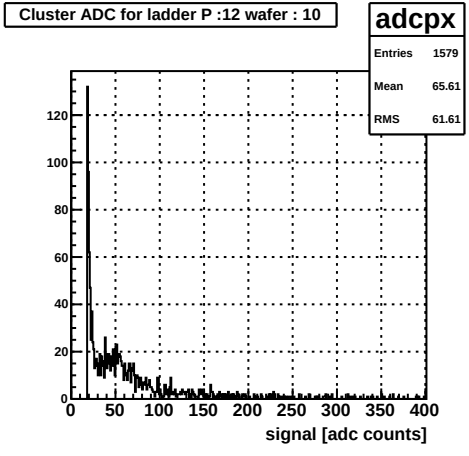

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 12846
Mean 30.56
RMS 28.32
signal [adc counts]

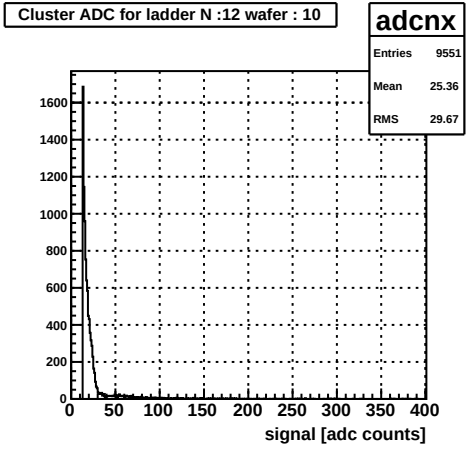

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 10485
Mean 30.67
RMS 29.48
signal [adc counts]

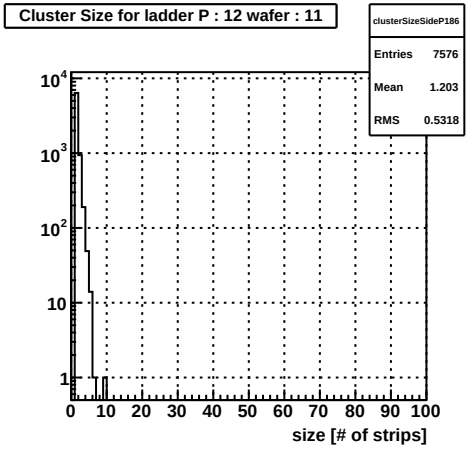

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 1579
Mean 1.338
RMS 0.6646
size [# of strips]

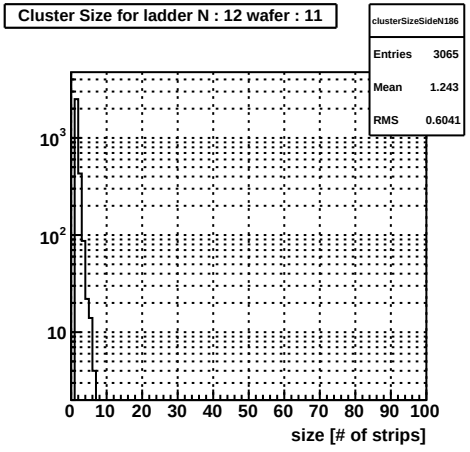

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 9551
Mean 1.096
RMS 0.3872
size [# of strips]

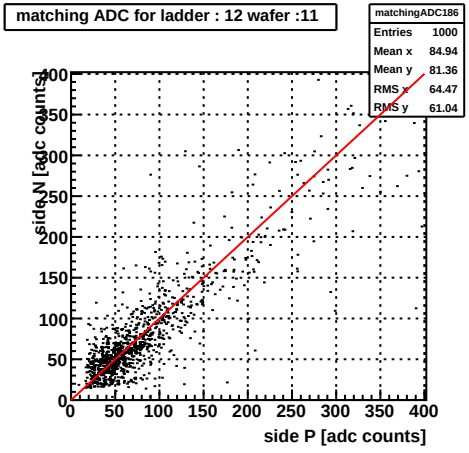

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 1058
Mean x 73.18
Mean y 75.06
RMS x 57.8
RMS y 56.62
side N [adc counts]
side P [adc counts]

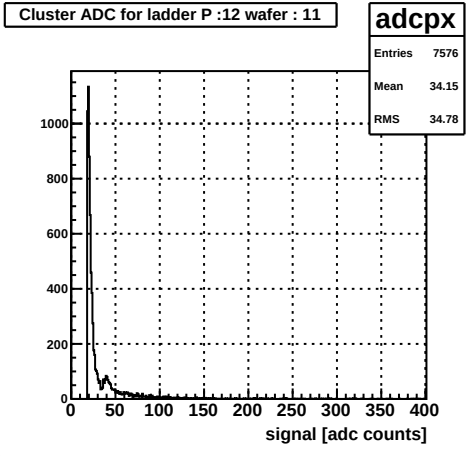

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 1579
Mean 65.61
RMS 61.61
signal [adc counts]

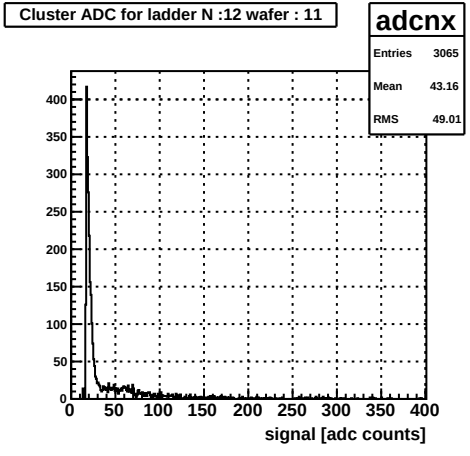

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 9551
Mean 25.36
RMS 29.67
signal [adc counts]

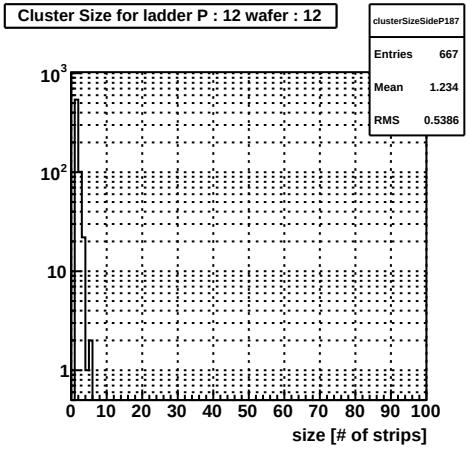

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 7576
Mean 1.203
RMS 0.5318
size [# of strips]

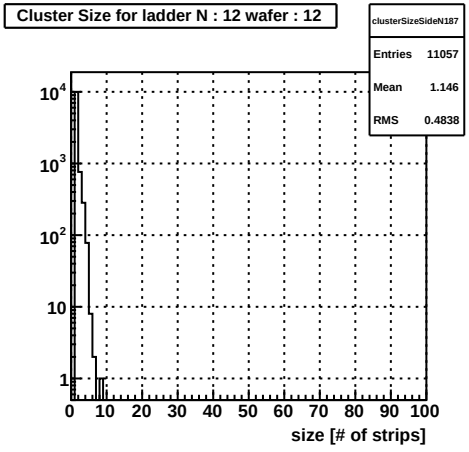

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 3065
Mean 1.243
RMS 0.6041
size [# of strips]

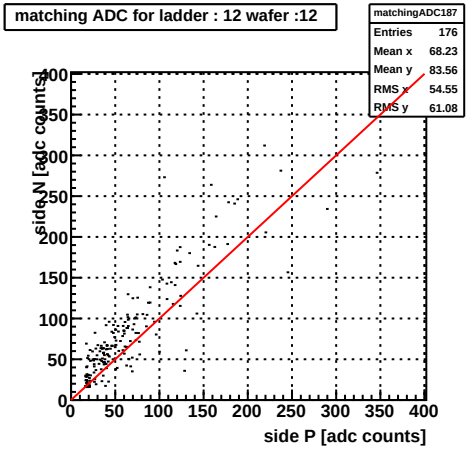

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 1000
Mean x 84.94
Mean y 81.36
RMS x 64.47
RMS y 61.04
side N [adc counts]
side P [adc counts]

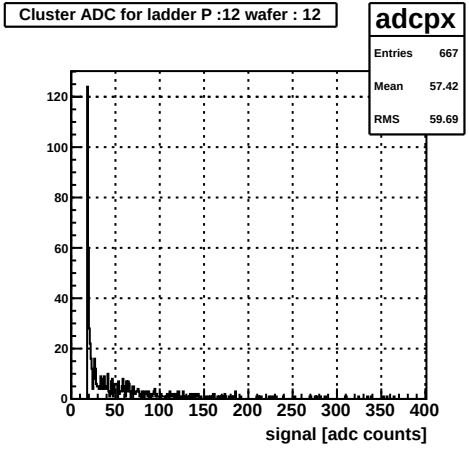

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 7576
Mean 34.15
RMS 34.78
signal [adc counts]

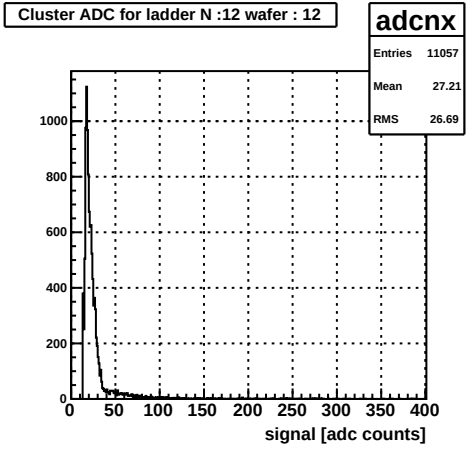

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 3065
Mean 43.16
RMS 49.01
signal [adc counts]

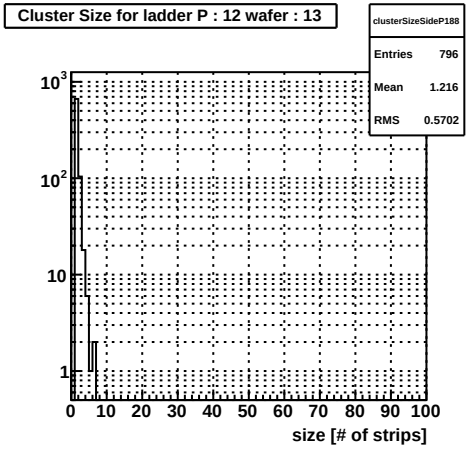

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 667
Mean 1.234
RMS 0.5386
size [# of strips]

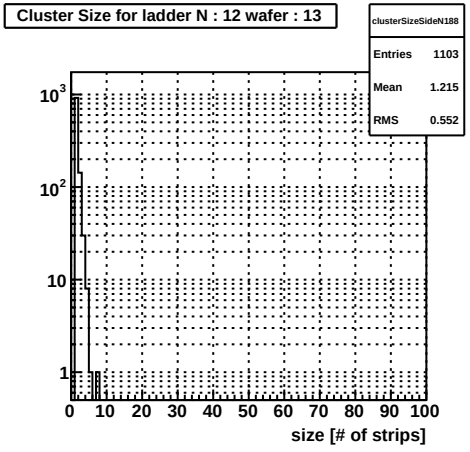

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 11057
Mean 1.146
RMS 0.4838
size [# of strips]

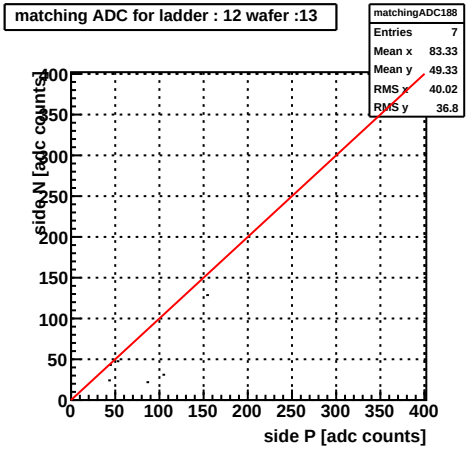

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 176
Mean x 68.23
Mean y 83.56
RMS x 54.55
RMS y 61.08
side N [adc counts]
side P [adc counts]

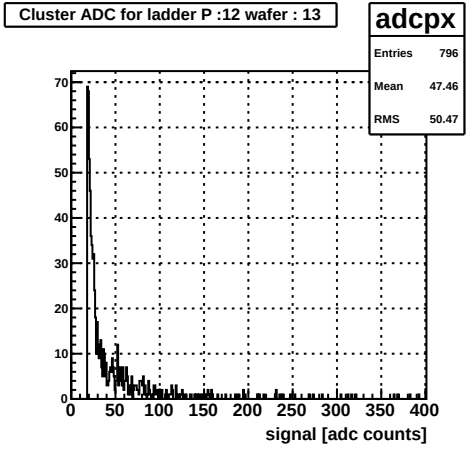

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 667
Mean 57.42
RMS 59.69
signal [adc counts]

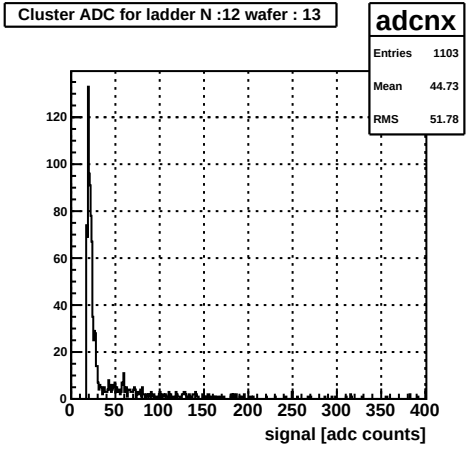

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 11057
Mean 27.21
RMS 26.69
signal [adc counts]

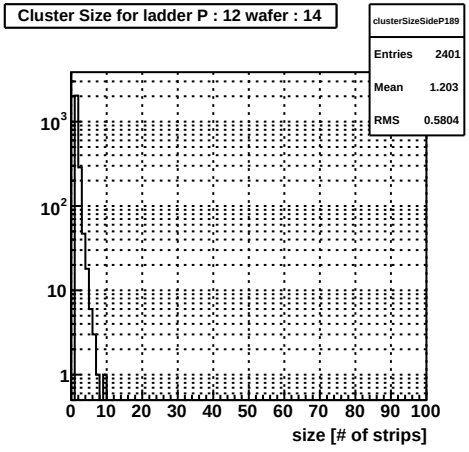

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 796
Mean 1.216
RMS 0.5702
size [# of strips]

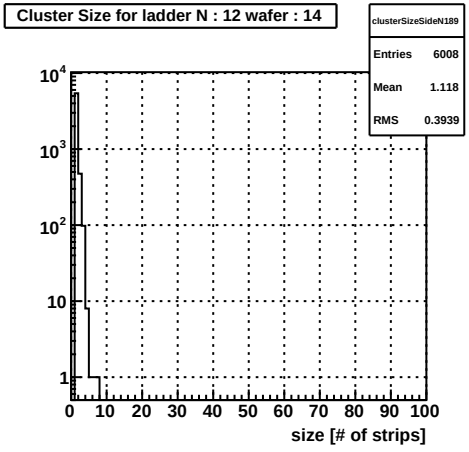

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 1103
Mean 1.215
RMS 0.552
size [# of strips]

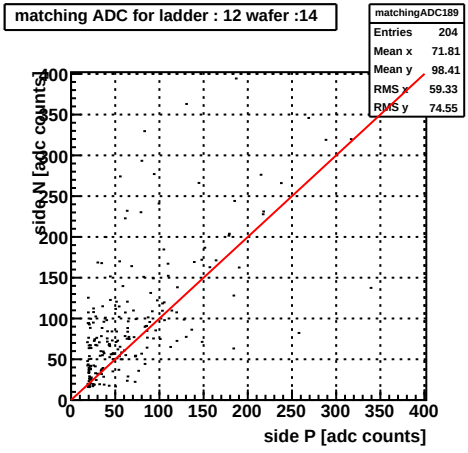

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 7
Mean x 83.33
Mean y 49.33
RMS x 40.02
RMS y 36.8
side N [adc counts]
side P [adc counts]

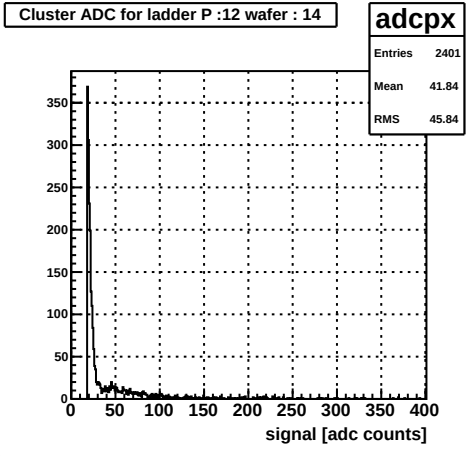

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 796
Mean 47.46
RMS 50.47
signal [adc counts]

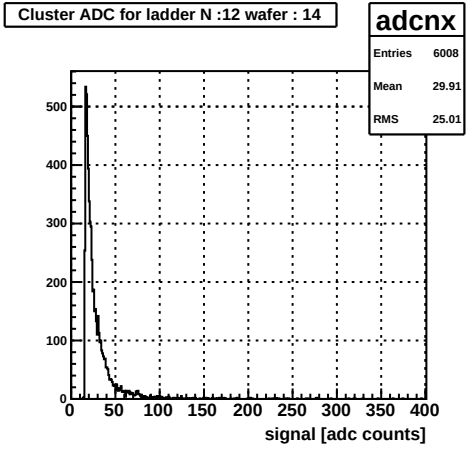

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 1103
Mean 44.73
RMS 51.78
signal [adc counts]

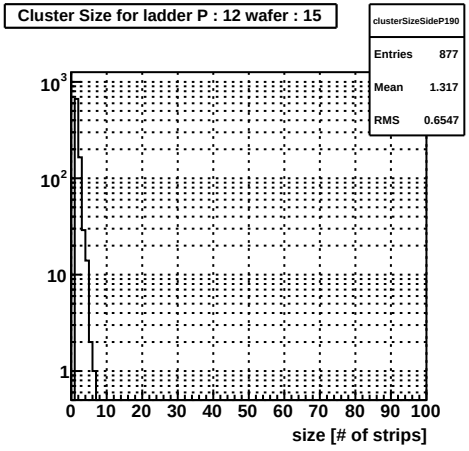

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 2401
Mean 1.203
RMS 0.5804
size [# of strips]

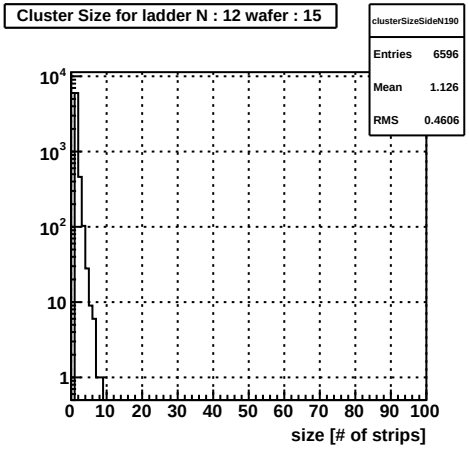

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 6008
Mean 1.118
RMS 0.3939
size [# of strips]

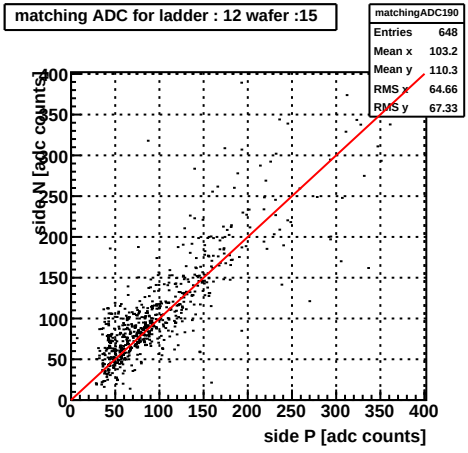

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 204
Mean x 71.81
Mean y 98.41
RMS x 59.33
RMS y 74.55
side N [adc counts]
side P [adc counts]

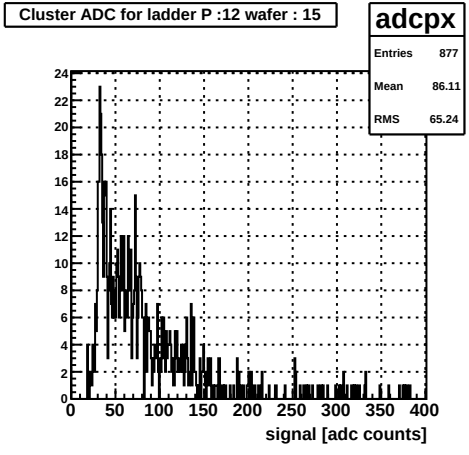

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 2401
Mean 41.84
RMS 45.84
signal [adc counts]

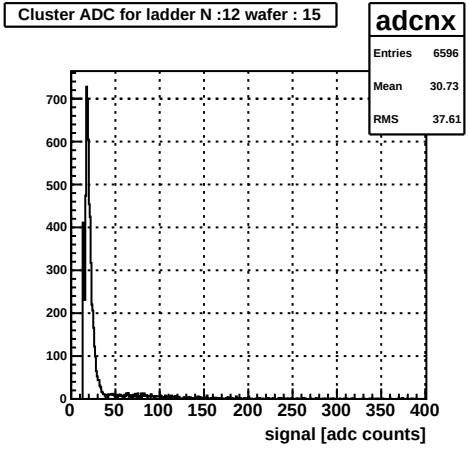

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 6008
Mean 29.91
RMS 25.01
signal [adc counts]

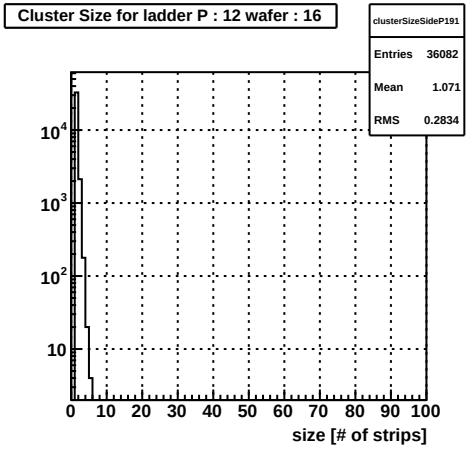

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 877
Mean 1.317
RMS 0.6547
size [# of strips]

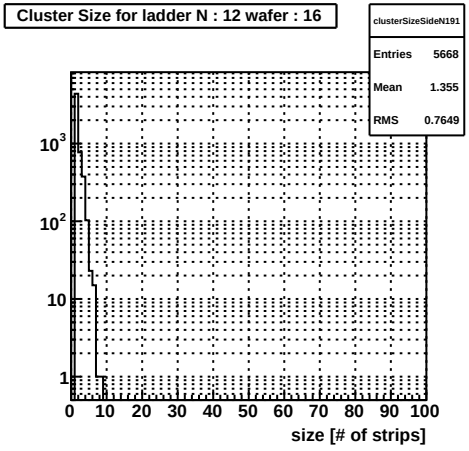

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 6596
Mean 1.126
RMS 0.4606
size [# of strips]

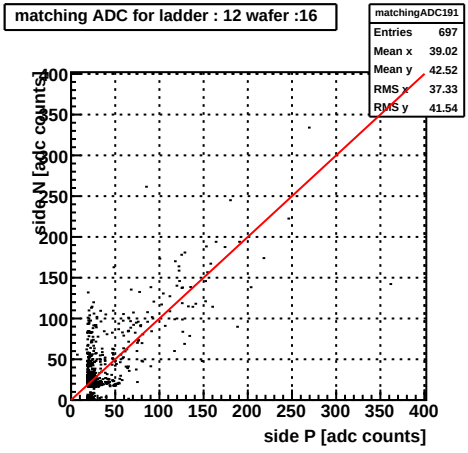

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 648
Mean x 103.2
Mean y 110.3
RMS x 64.66
RMS y 67.33
side N [adc counts]
side P [adc counts]

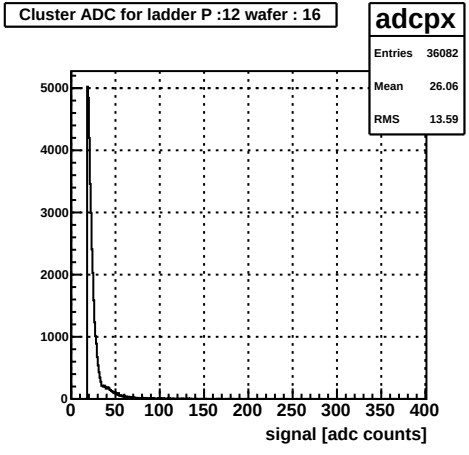

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 877
Mean 86.11
RMS 65.24
signal [adc counts]

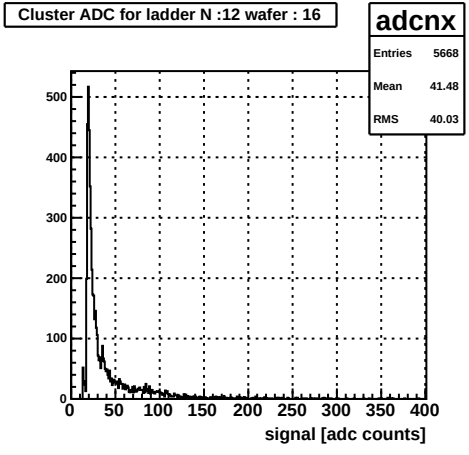

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 6596
Mean 30.73
RMS 37.61
signal [adc counts]

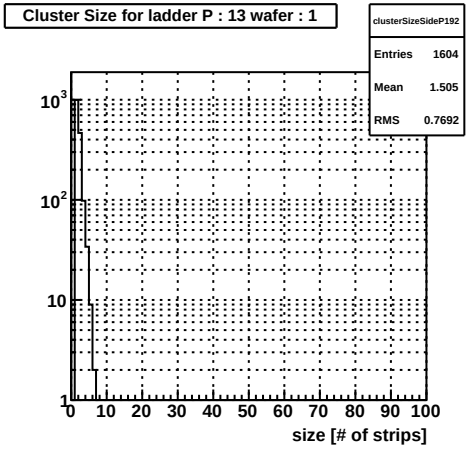

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 36082
Mean 1.071
RMS 0.2834
size [# of strips]

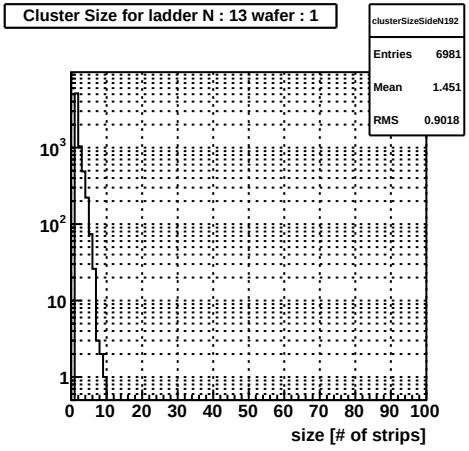

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 5668
Mean 1.355
RMS 0.7649
size [# of strips]

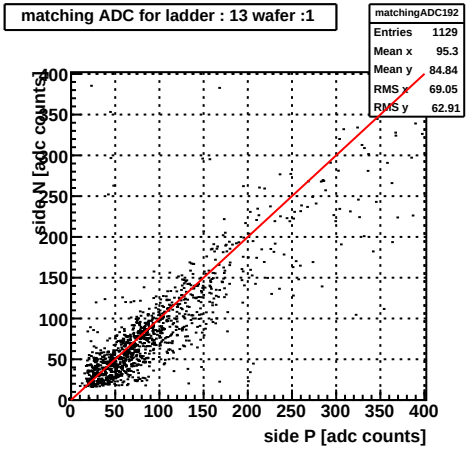

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 697
Mean x 39.02
Mean y 42.52
RMS x 37.33
RMS y 41.54
side N [adc counts]
side P [adc counts]

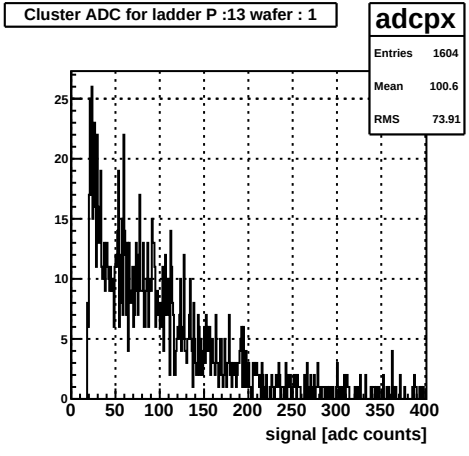

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 36082
Mean 26.06
RMS 13.59
signal [adc counts]

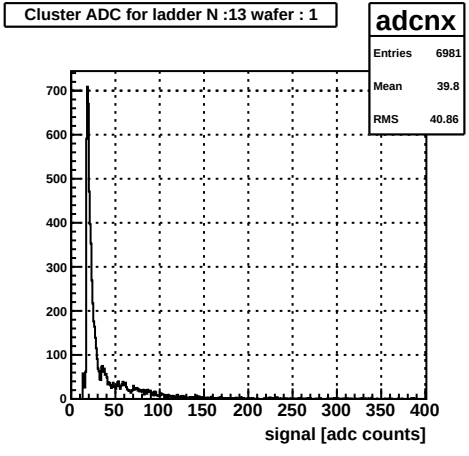

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 5668
Mean 41.48
RMS 40.03
signal [adc counts]

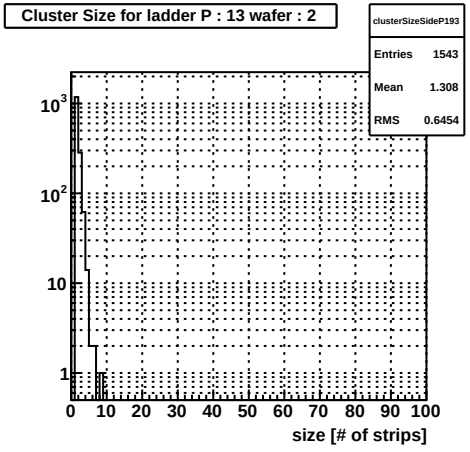

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 1604
Mean 1.505
RMS 0.7692
size [# of strips]

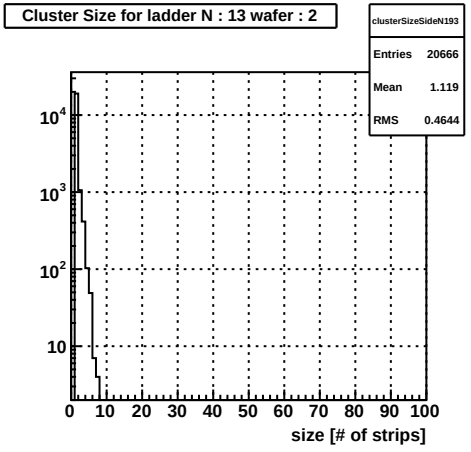

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 6981
Mean 1.451
RMS 0.9018
size [# of strips]

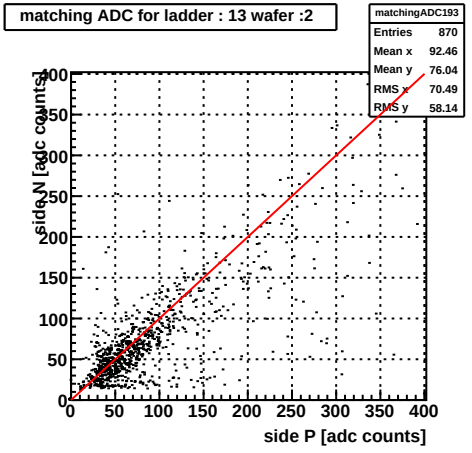

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 1129
Mean x 95.3
Mean y 84.84
RMS x 69.05
RMS y 62.91
side N [adc counts]
side P [adc counts]

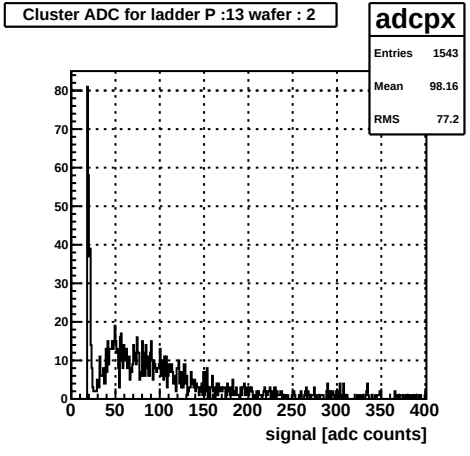

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 1604
Mean 100.6
RMS 73.91
signal [adc counts]

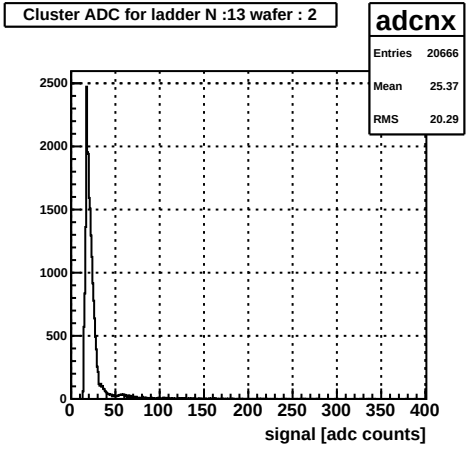

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 6981
Mean 39.8
RMS 40.86
signal [adc counts]

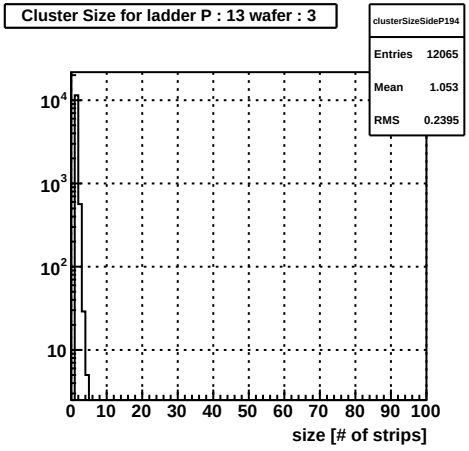

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 1543
Mean 1.308
RMS 0.6454
size [# of strips]

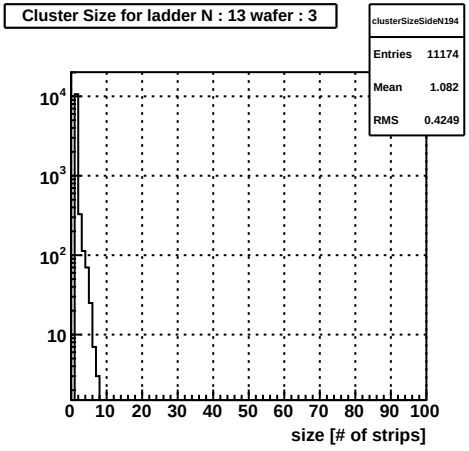

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 20666
Mean 1.119
RMS 0.4644
size [# of strips]

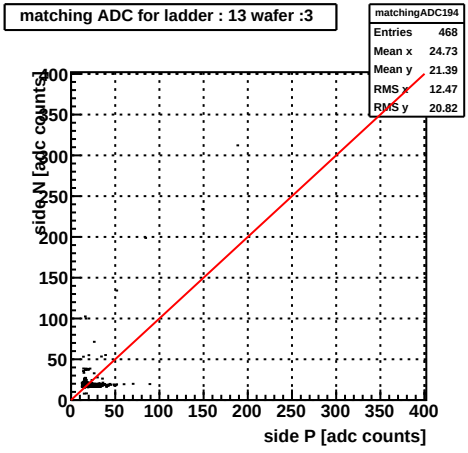

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 870
Mean x 92.46
Mean y 76.04
RMS x 70.49
RMS y 58.14
side N [adc counts]
side P [adc counts]

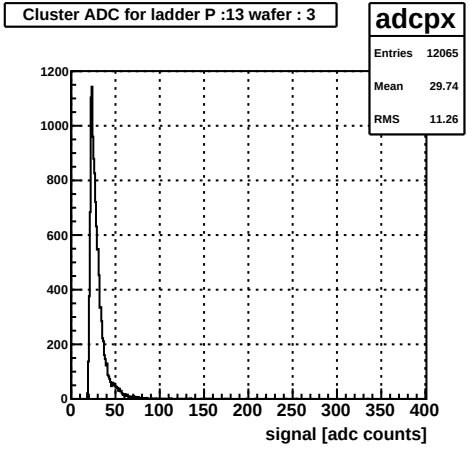

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 1543
Mean 98.16
RMS 77.2
signal [adc counts]

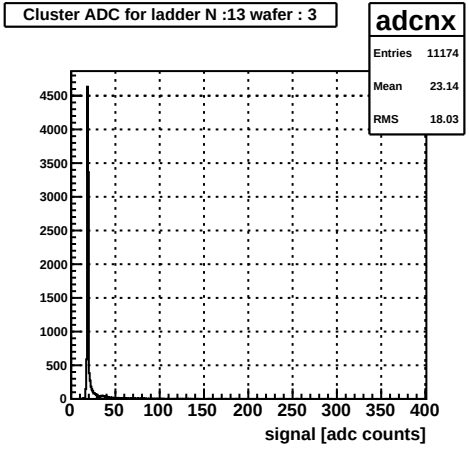

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 20666
Mean 25.37
RMS 20.29
signal [adc counts]

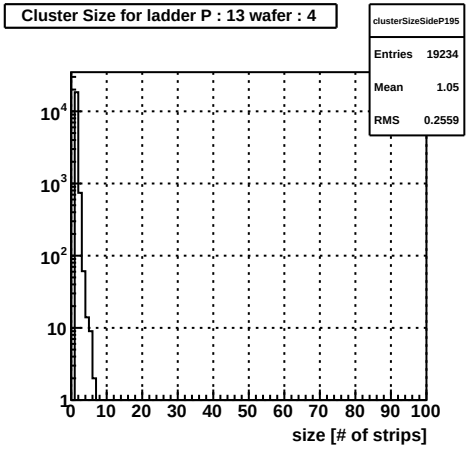

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 12065
Mean 1.053
RMS 0.2395
size [# of strips]

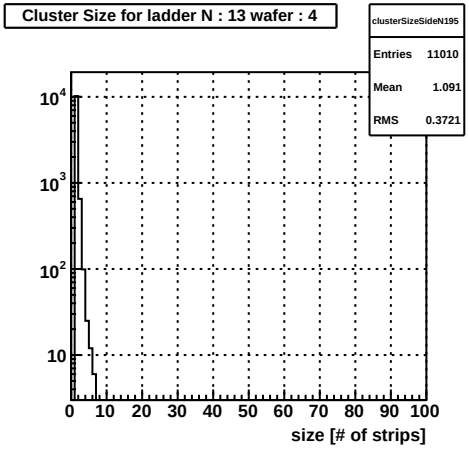

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 11174
Mean 1.082
RMS 0.4249
size [# of strips]

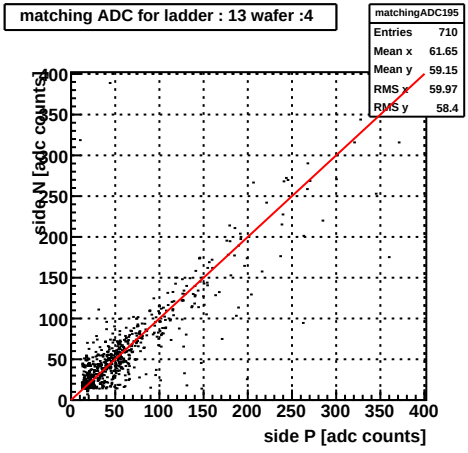

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 468
Mean x 24.73
Mean y 21.39
RMS x 12.47
RMS y 20.82
side N [adc counts]
side P [adc counts]

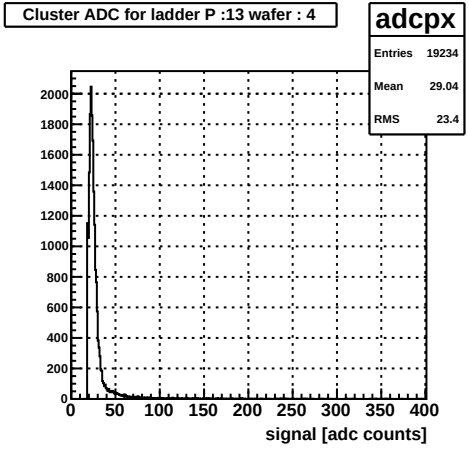

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 12065
Mean 29.74
RMS 11.26
signal [adc counts]

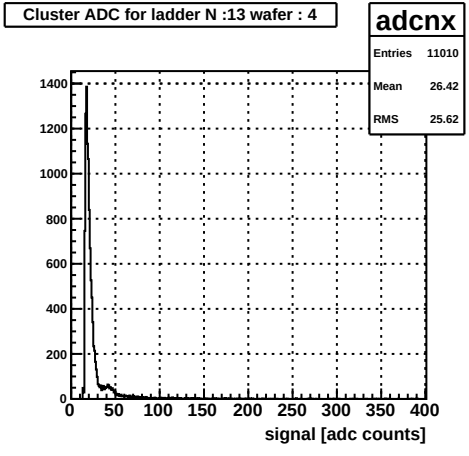

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 11174
Mean 23.14
RMS 18.03
signal [adc counts]

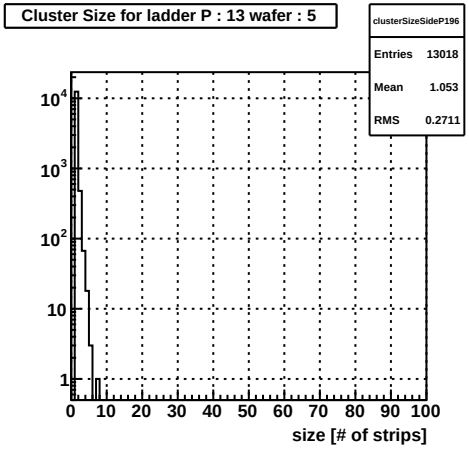

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 19234
Mean 1.05
RMS 0.2559
size [# of strips]

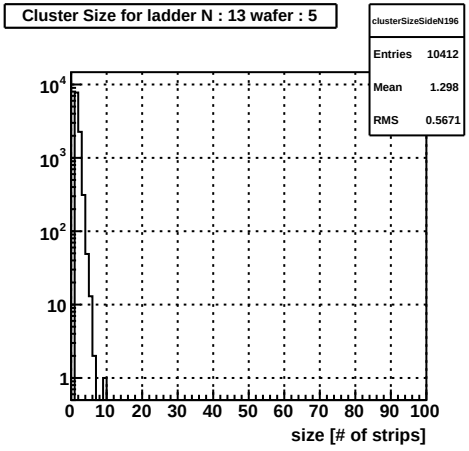

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 11010
Mean 1.091
RMS 0.3721
size [# of strips]

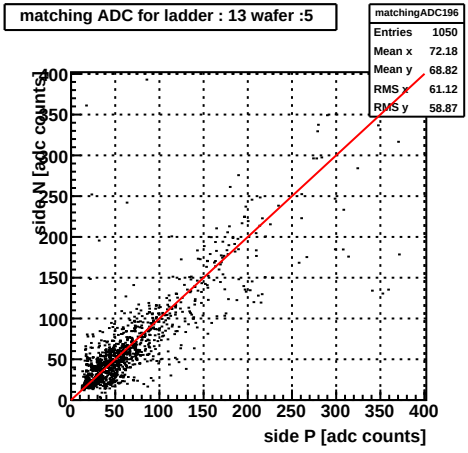

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 710
Mean x 61.65
Mean y 59.15
RMS x 59.97
RMS y 58.4
side N [adc counts]
side P [adc counts]

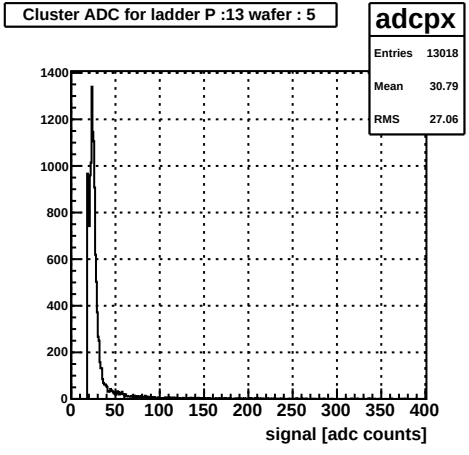

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 19234
Mean 29.04
RMS 23.4
signal [adc counts]

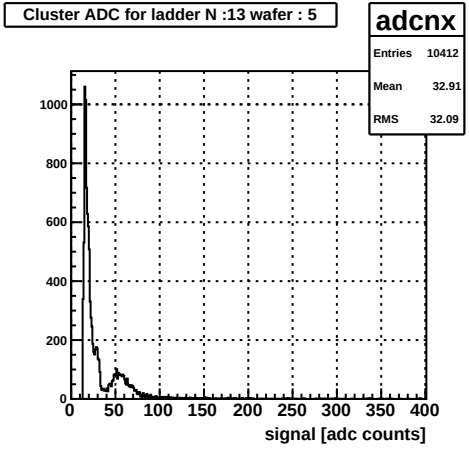

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 11010
Mean 26.42
RMS 25.62
signal [adc counts]

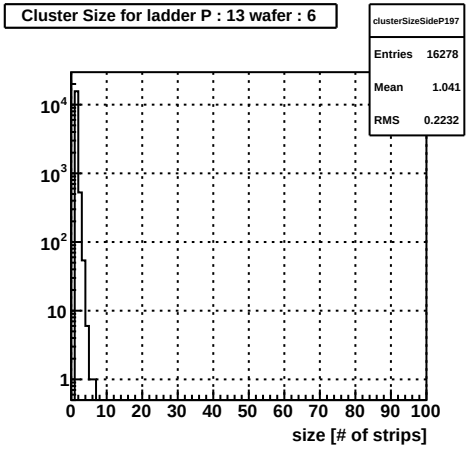

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 13018
Mean 1.053
RMS 0.2711
size [# of strips]

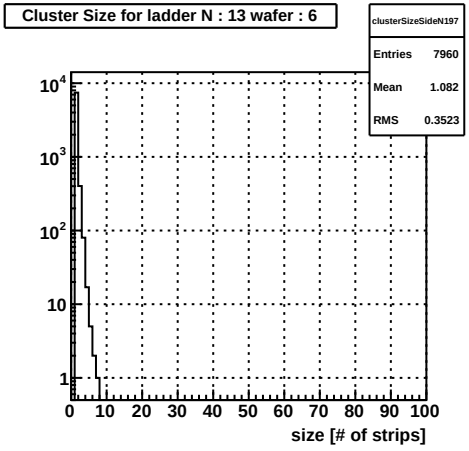

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 10412
Mean 1.298
RMS 0.5671
size [# of strips]

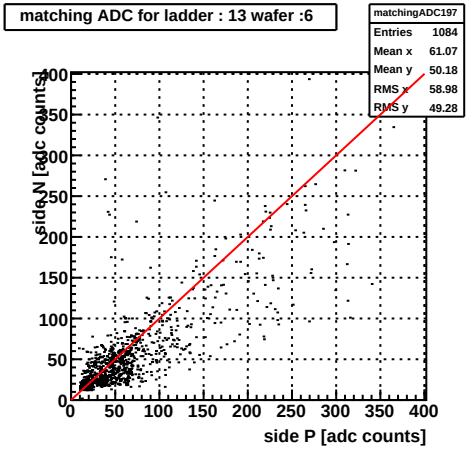

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 1050
Mean x 72.18
Mean y 68.82
RMS x 61.12
RMS y 58.87
side N [adc counts]
side P [adc counts]

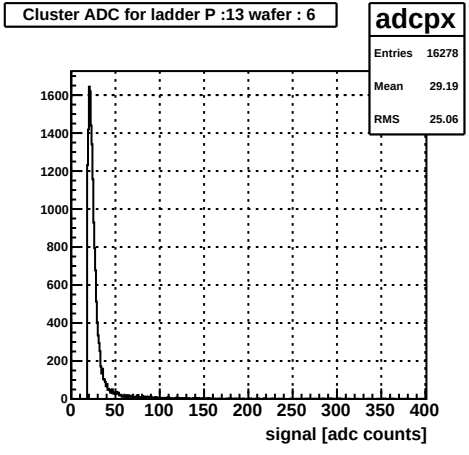

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 13018
Mean 30.79
RMS 27.06
signal [adc counts]

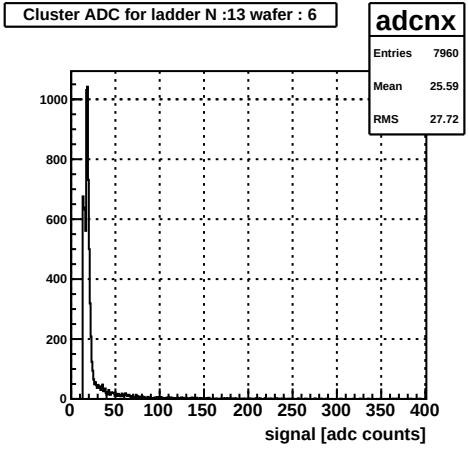

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 10412
Mean 32.91
RMS 32.09
signal [adc counts]

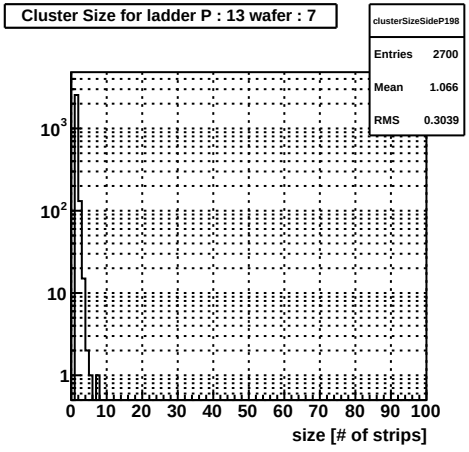

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 16278
Mean 1.041
RMS 0.2232
size [# of strips]

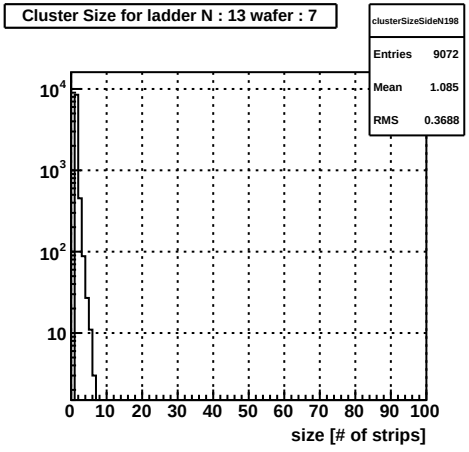

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 7960
Mean 1.082
RMS 0.3523
size [# of strips]

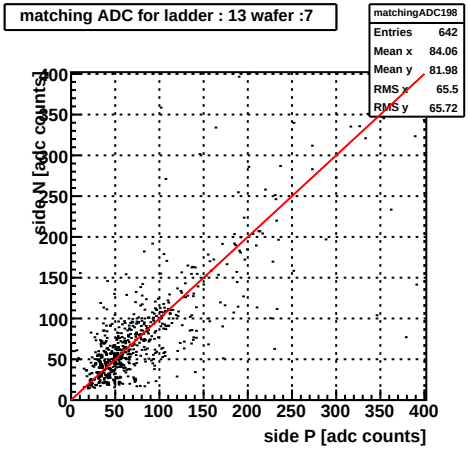

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 1084
Mean x 61.07
Mean y 50.18
RMS x 58.98
RMS y 49.28
side N [adc counts]
side P [adc counts]

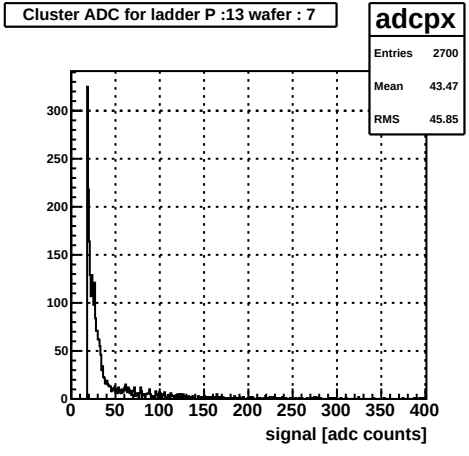

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 16278
Mean 29.19
RMS 25.06
signal [adc counts]

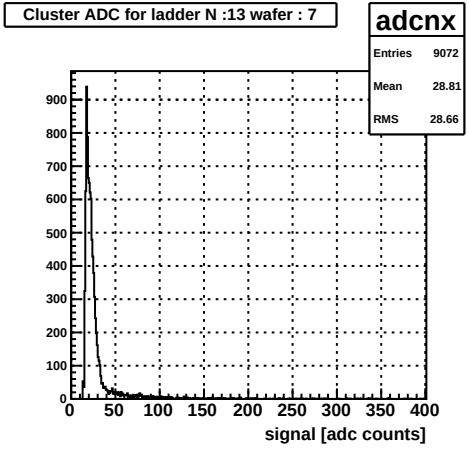

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 7960
Mean 25.59
RMS 27.72
signal [adc counts]

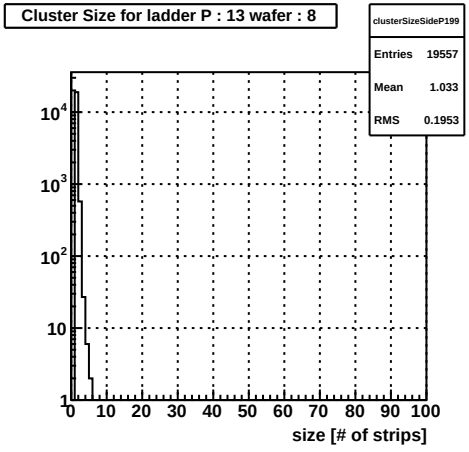

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 2700
Mean 1.066
RMS 0.3039
size [# of strips]

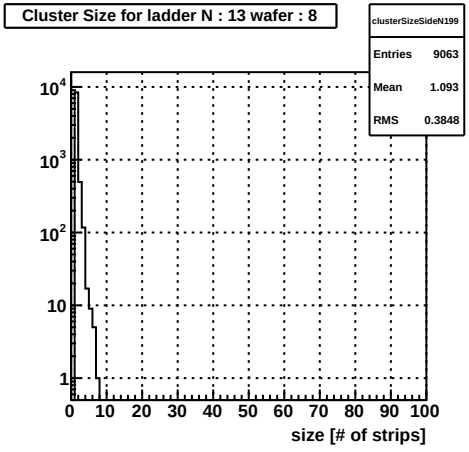

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 9072
Mean 1.085
RMS 0.3688
size [# of strips]

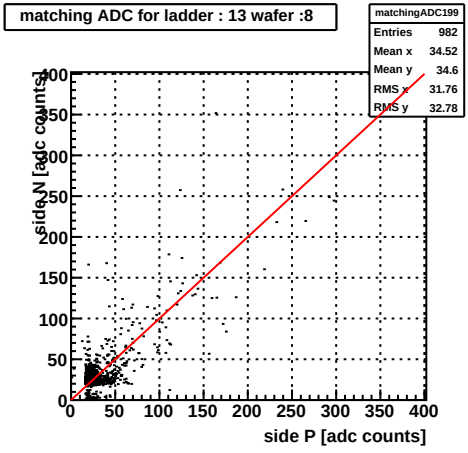

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 642
Mean x 84.06
Mean y 81.98
RMS x 65.5
RMS y 65.72
side N [adc counts]
side P [adc counts]

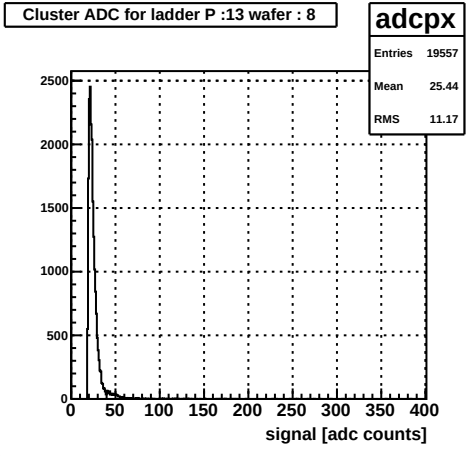

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 2700
Mean 43.47
RMS 45.85
signal [adc counts]

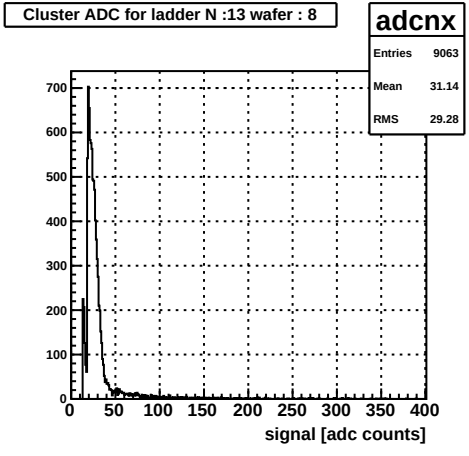

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 9072
Mean 28.81
RMS 28.66
signal [adc counts]

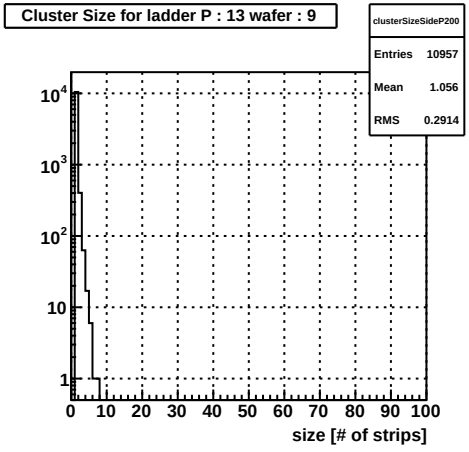

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 19557
Mean 1.033
RMS 0.1953
size [# of strips]

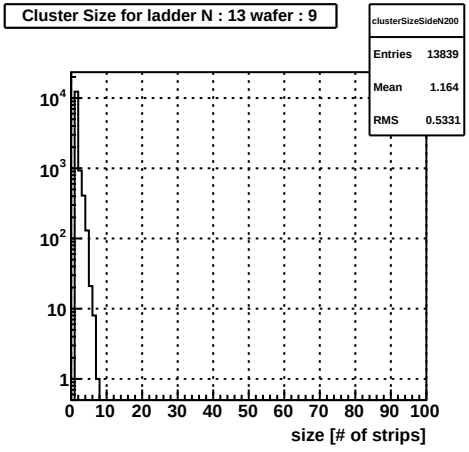

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 9063
Mean 1.093
RMS 0.3848
size [# of strips]

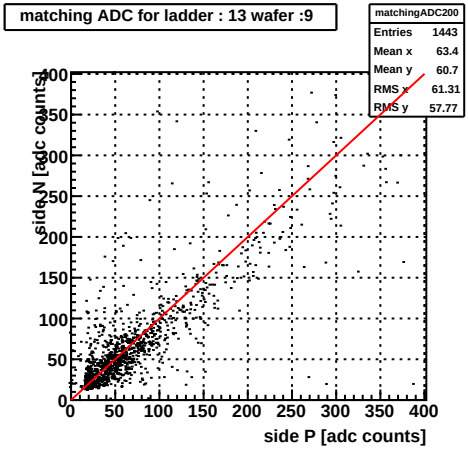

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 982
Mean x 34.52
Mean y 34.6
RMS x 31.76
RMS y 32.78
side N [adc counts]
side P [adc counts]

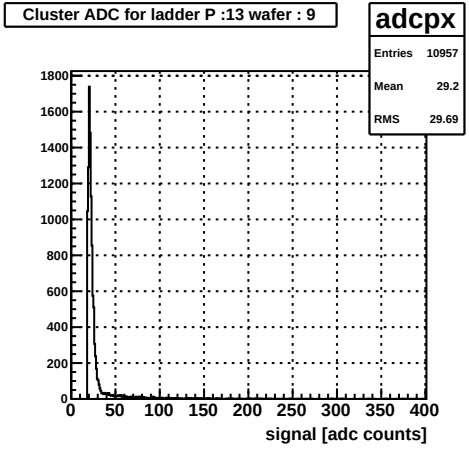

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 19557
Mean 25.44
RMS 11.17
signal [adc counts]

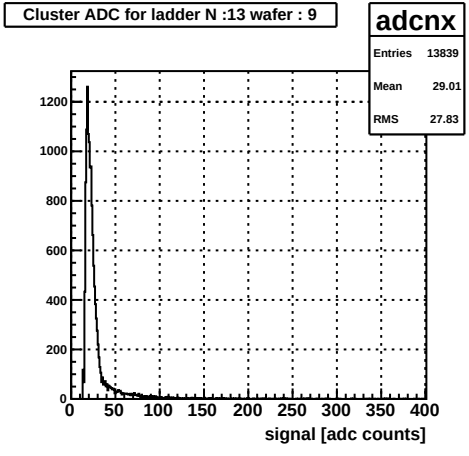

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 9063
Mean 31.14
RMS 29.28
signal [adc counts]

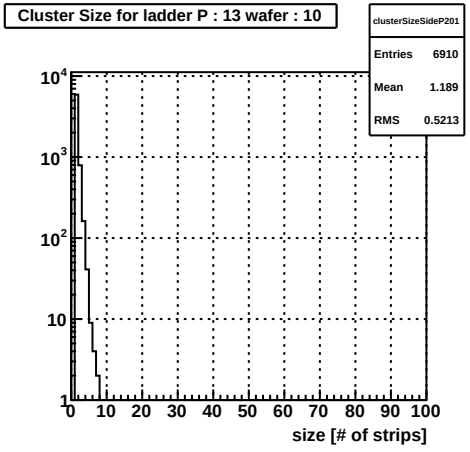

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 10957
Mean 1.056
RMS 0.2914
size [# of strips]

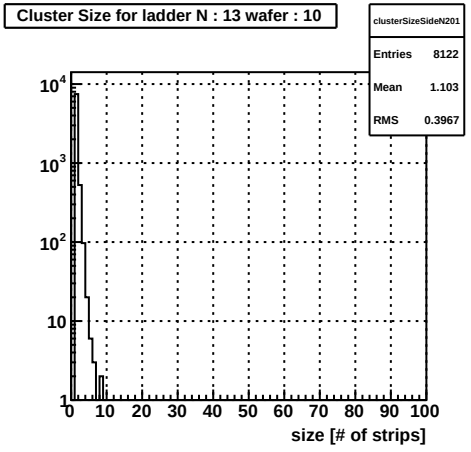

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 13839
Mean 1.164
RMS 0.5331
size [# of strips]

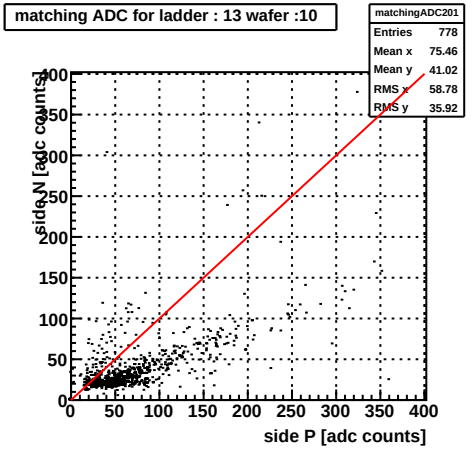

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 1443
Mean x 63.4
Mean y 60.7
RMS x 61.31
RMS y 57.77
side N [adc counts]
side P [adc counts]

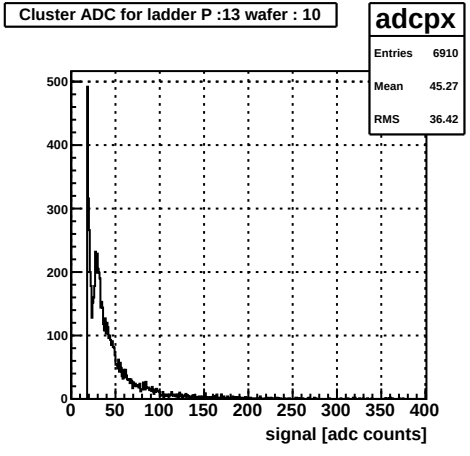

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 10957
Mean 29.2
RMS 29.69
signal [adc counts]

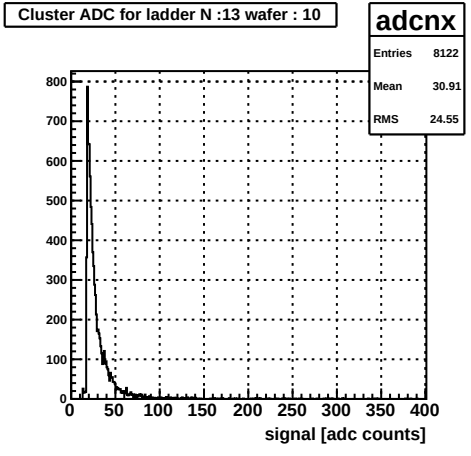

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 13839
Mean 29.01
RMS 27.83
signal [adc counts]

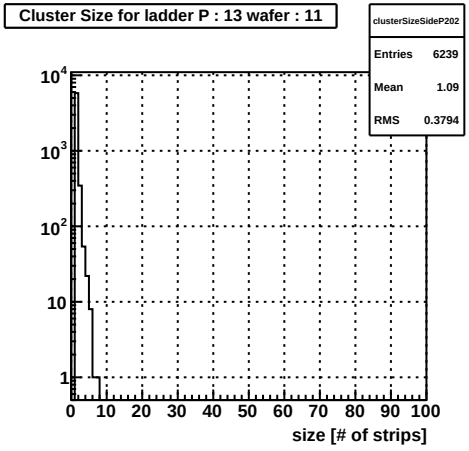

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 6910
Mean 1.189
RMS 0.5213
size [# of strips]

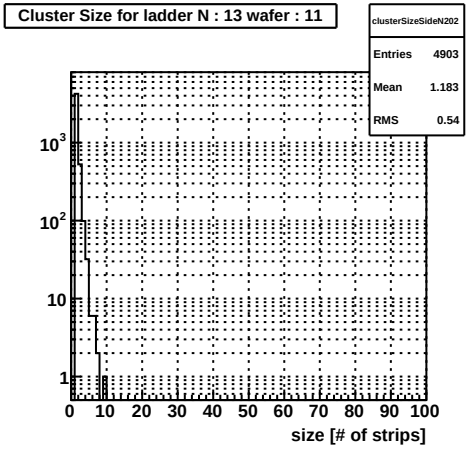

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 8122
Mean 1.103
RMS 0.3967
size [# of strips]

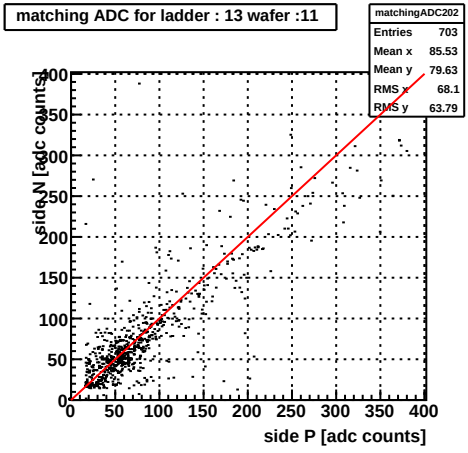

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 778
Mean x 75.46
Mean y 41.02
RMS x 58.78
RMS y 35.92
side N [adc counts]
side P [adc counts]

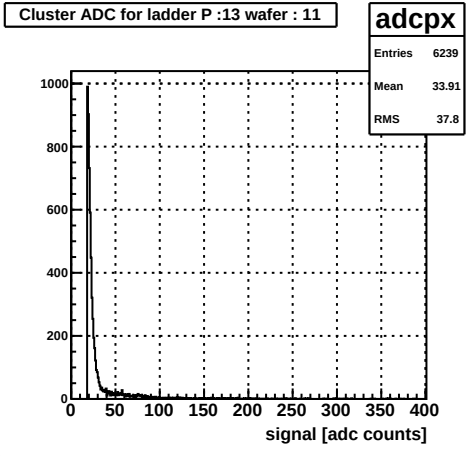

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 6910
Mean 45.27
RMS 36.42
signal [adc counts]

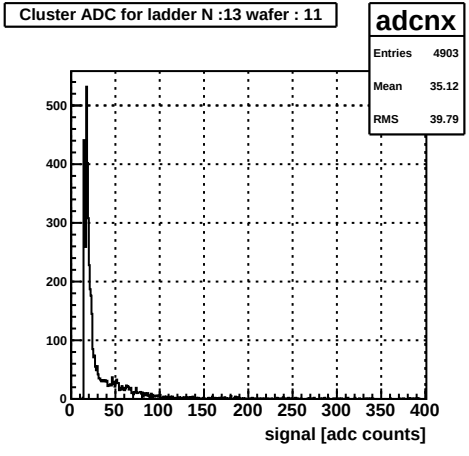

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 8122
Mean 30.91
RMS 24.55
signal [adc counts]

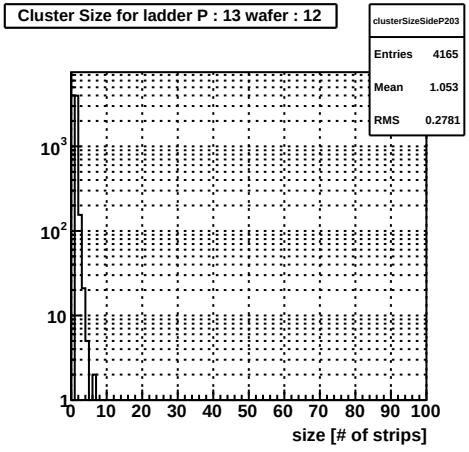

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 6239
Mean 1.09
RMS 0.3794
size [# of strips]

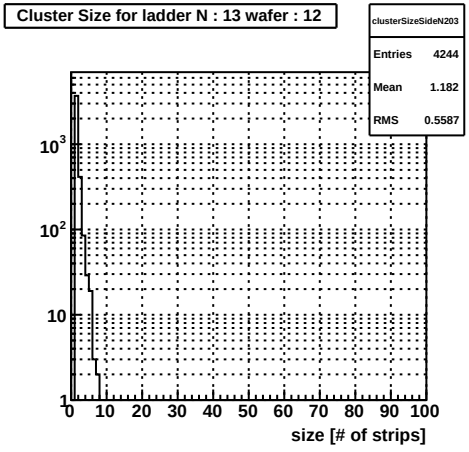

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 4903
Mean 1.183
RMS 0.54
size [# of strips]

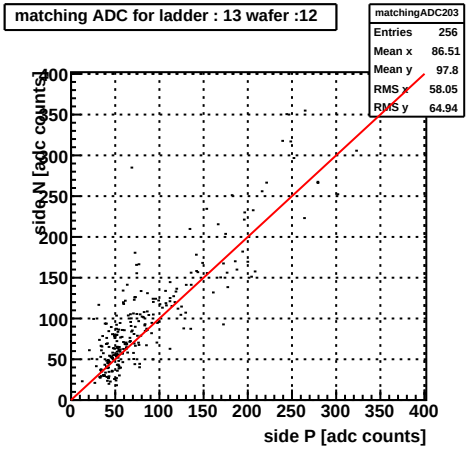

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 703
Mean x 85.53
Mean y 79.63
RMS x 68.1
RMS y 63.79
side N [adc counts]
side P [adc counts]

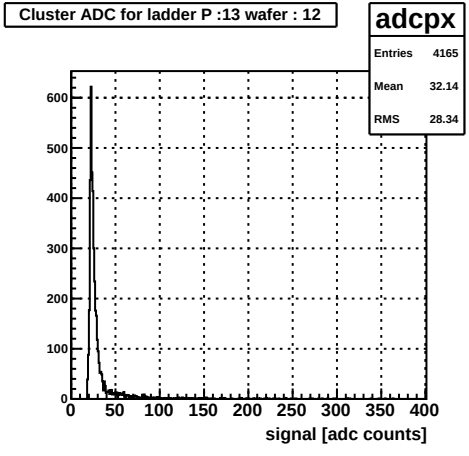

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 6239
Mean 33.91
RMS 37.8
signal [adc counts]

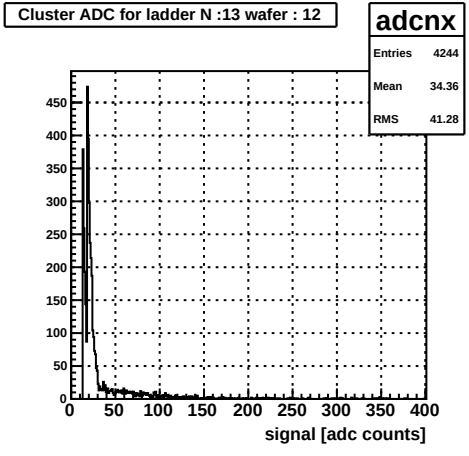

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 4903
Mean 35.12
RMS 39.79
signal [adc counts]

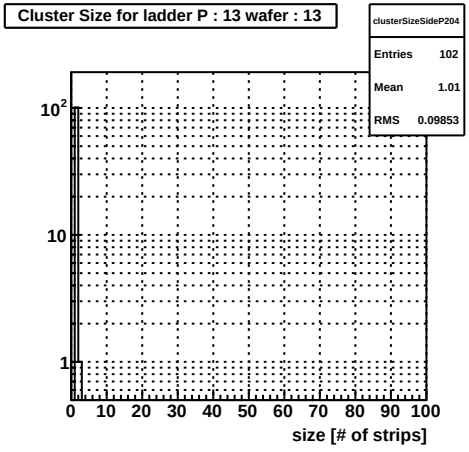

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 4165
Mean 1.053
RMS 0.2781
size [# of strips]

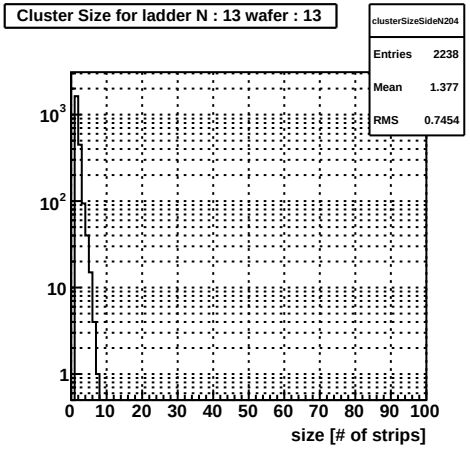

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 4244
Mean 1.182
RMS 0.5587
size [# of strips]

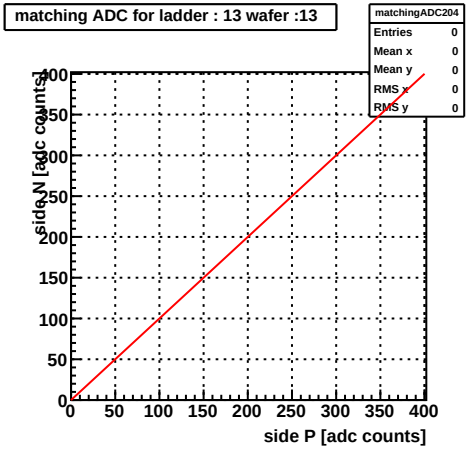

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 256
Mean x 86.51
Mean y 97.8
RMS x 58.05
RMS y 64.94
side N [adc counts]
side P [adc counts]

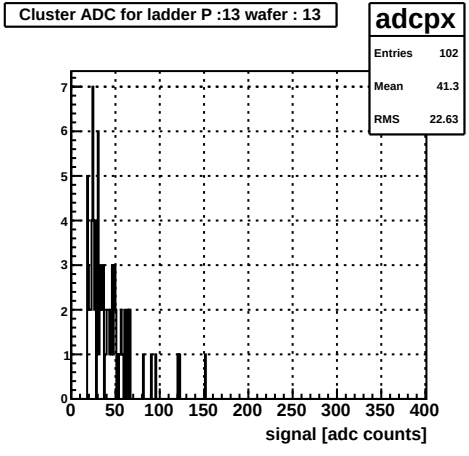

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 4165
Mean 32.14
RMS 28.34
signal [adc counts]

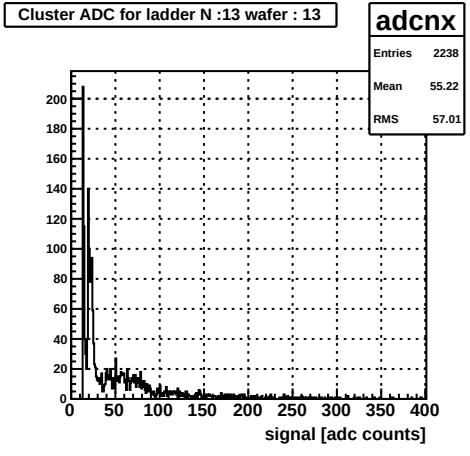

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 4244
Mean 34.36
RMS 41.28
signal [adc counts]

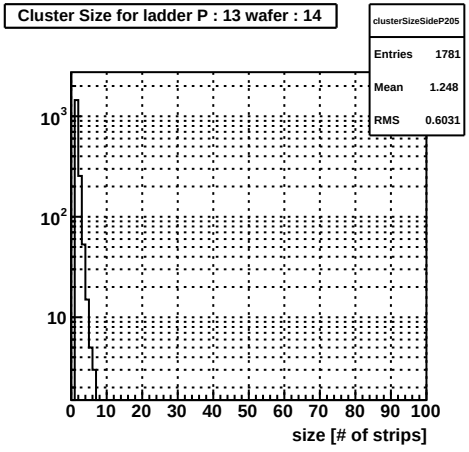

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 102
Mean 1.01
RMS 0.09853
size [# of strips]

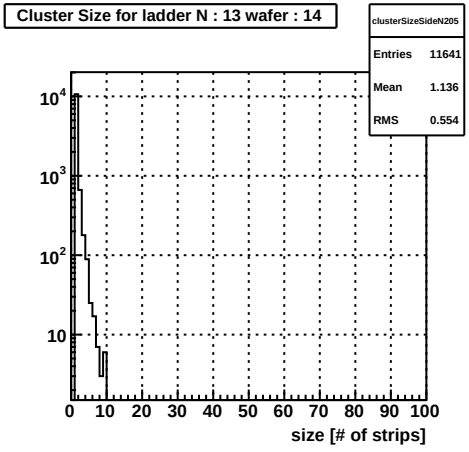

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 2238
Mean 1.377
RMS 0.7454
size [# of strips]

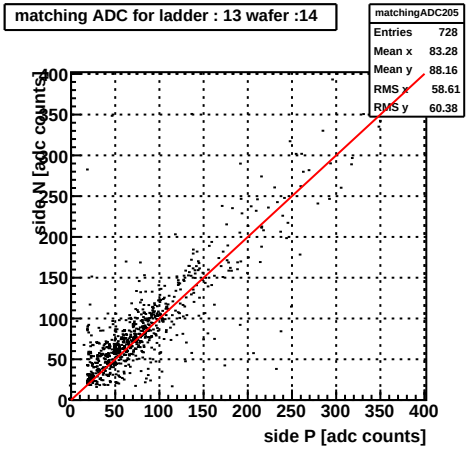

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

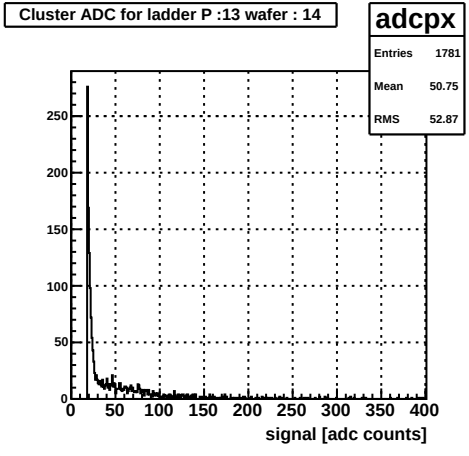

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 102
Mean 41.3
RMS 22.63
signal [adc counts]

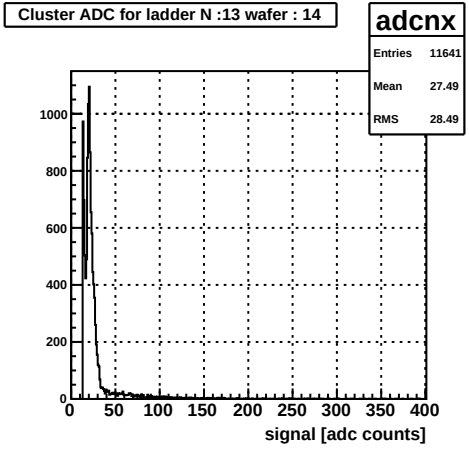

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 2238
Mean 55.22
RMS 57.01
signal [adc counts]

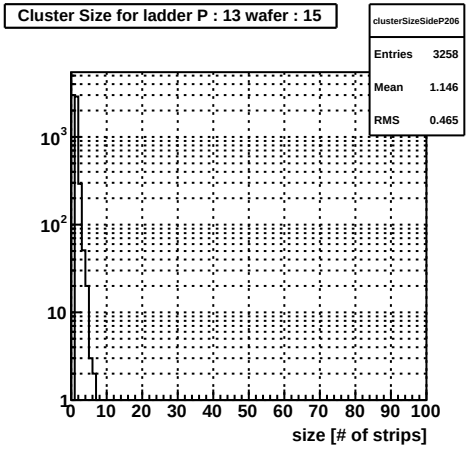

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 1781
Mean 1.248
RMS 0.6031
size [# of strips]

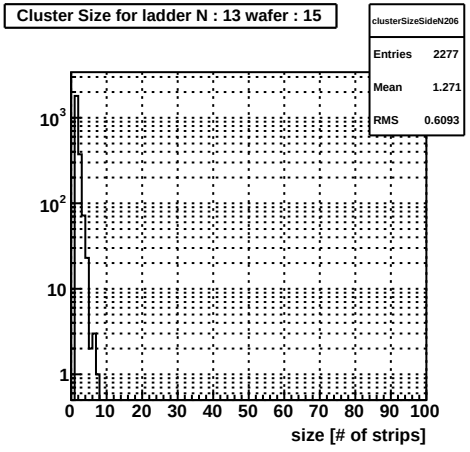

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 11641
Mean 1.136
RMS 0.554
size [# of strips]

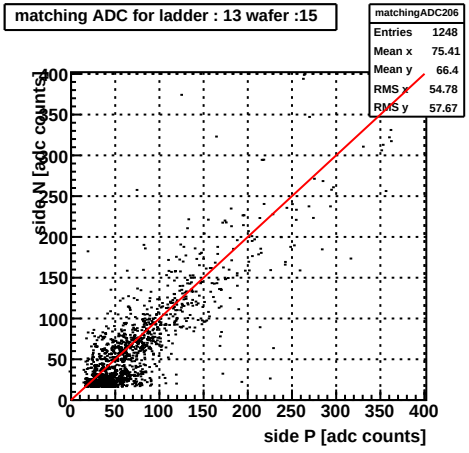

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 728
Mean x 83.28
Mean y 88.16
RMS x 58.61
RMS y 60.38
side N [adc counts]
side P [adc counts]

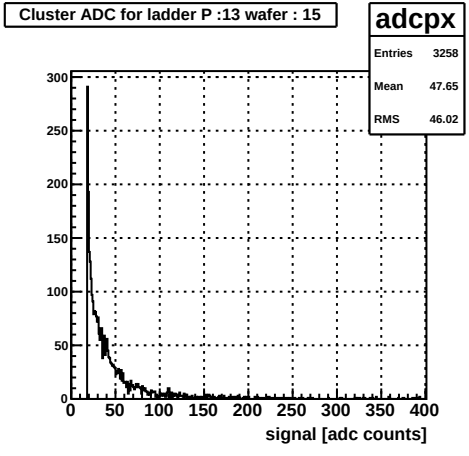

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 1781
Mean 50.75
RMS 52.87
signal [adc counts]

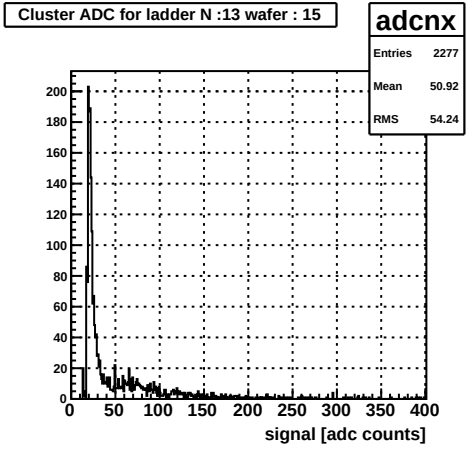

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 11641
Mean 27.49
RMS 28.49
signal [adc counts]

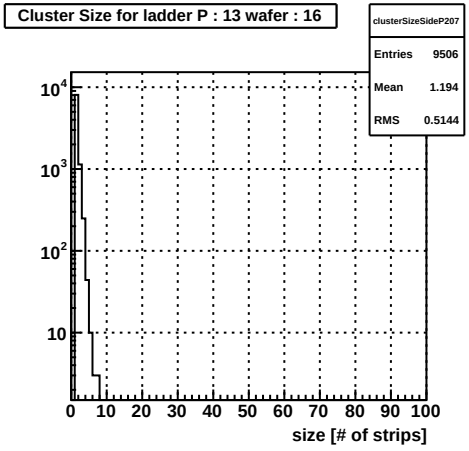

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 3258
Mean 1.146
RMS 0.465
size [# of strips]

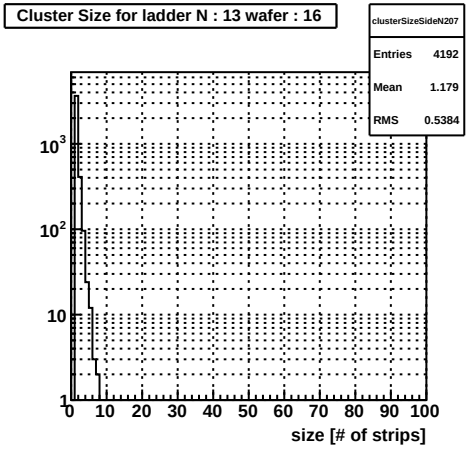

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 2277
Mean 1.271
RMS 0.6093
size [# of strips]

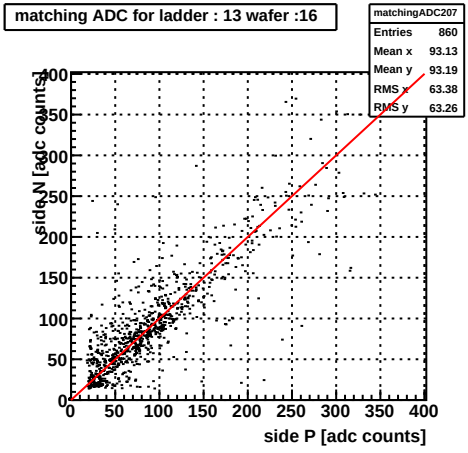

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 1248
Mean x 75.41
Mean y 66.4
RMS x 54.78
RMS y 57.67
side N [adc counts]
side P [adc counts]

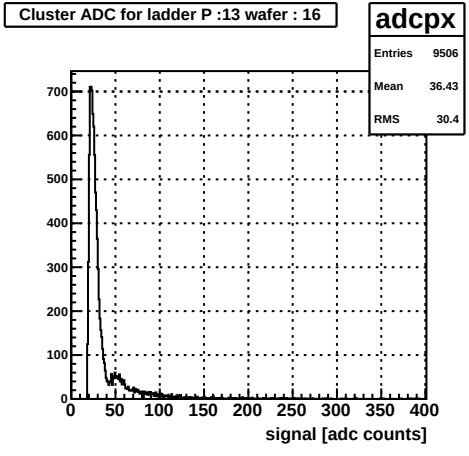

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 3258
Mean 47.65
RMS 46.02
signal [adc counts]

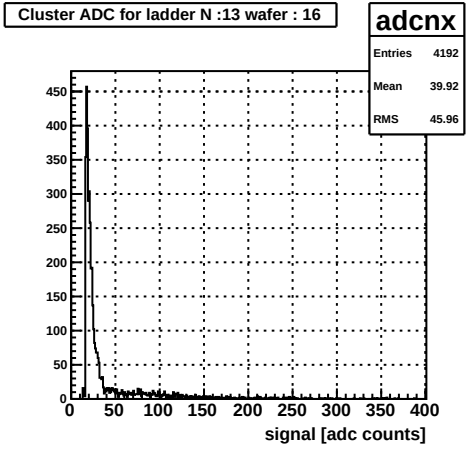

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 2277
Mean 50.92
RMS 54.24
signal [adc counts]

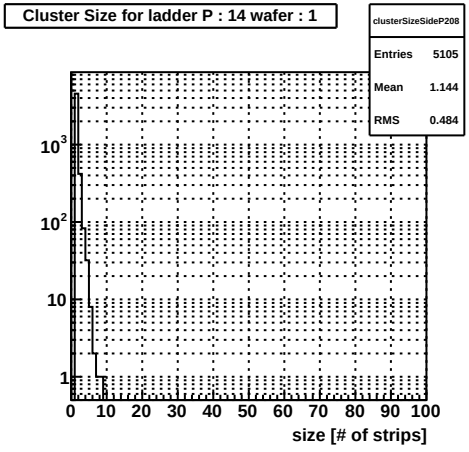

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 9506
Mean 1.194
RMS 0.5144
size [# of strips]

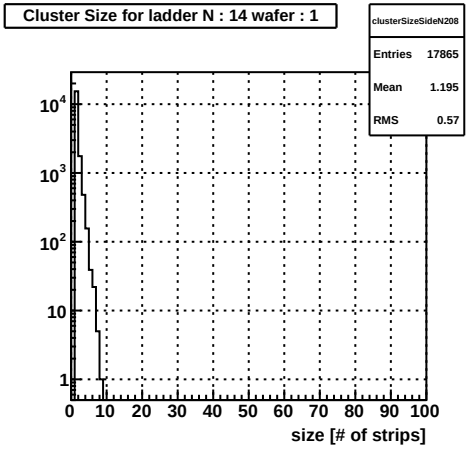

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 4192
Mean 1.179
RMS 0.5384
size [# of strips]

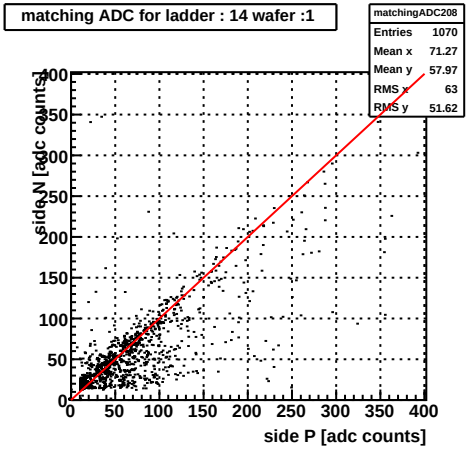

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 860
Mean x 93.13
Mean y 93.19
RMS x 63.38
RMS y 63.26
side N [adc counts]
side P [adc counts]

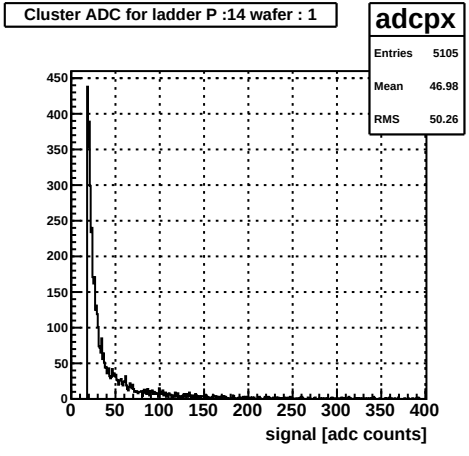

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 9506
Mean 36.43
RMS 30.4
signal [adc counts]

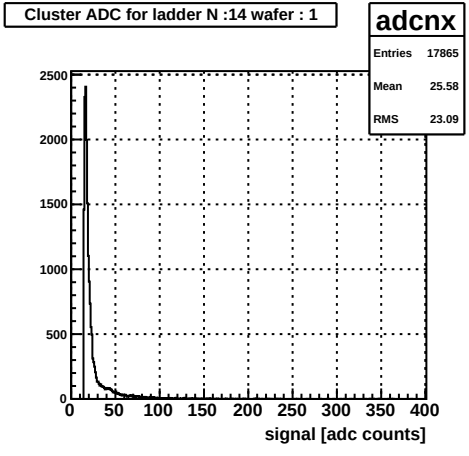

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 4192
Mean 39.92
RMS 45.96
signal [adc counts]

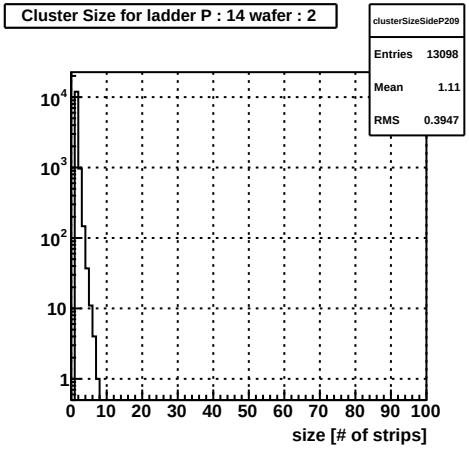

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 5105
Mean 1.144
RMS 0.484
size [# of strips]

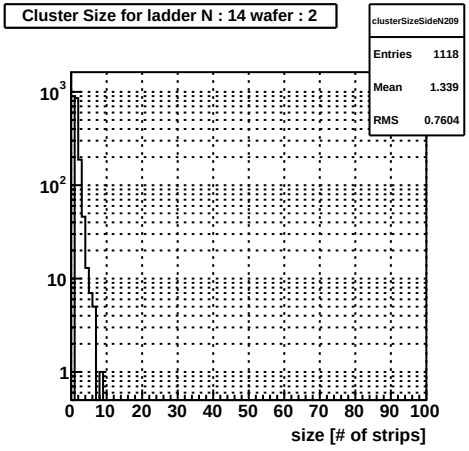

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 17865
Mean 1.195
RMS 0.57
size [# of strips]

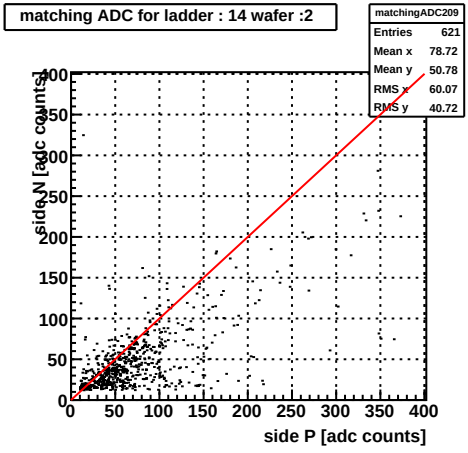

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 1070
Mean x 71.27
Mean y 57.97
RMS x 63
RMS y 51.62
side N [adc counts]
side P [adc counts]

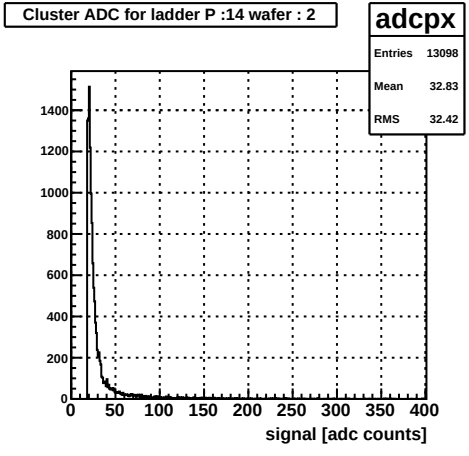

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 5105
Mean 46.98
RMS 50.26
signal [adc counts]

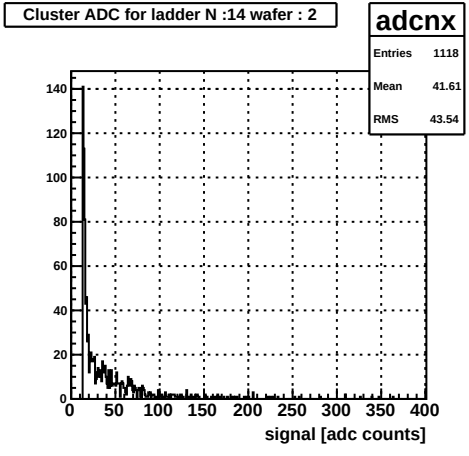

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 17865
Mean 25.58
RMS 23.09
signal [adc counts]

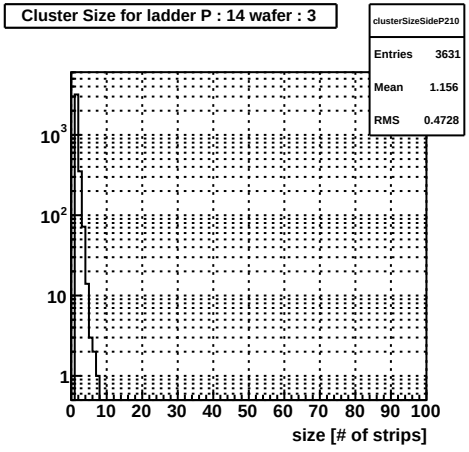

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 13098
Mean 1.11
RMS 0.3947
size [# of strips]

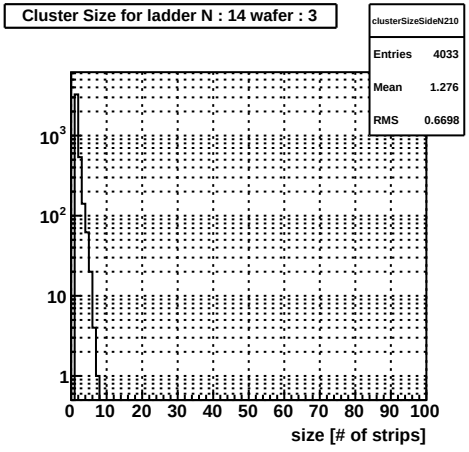

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 1118
Mean 1.339
RMS 0.7604
size [# of strips]

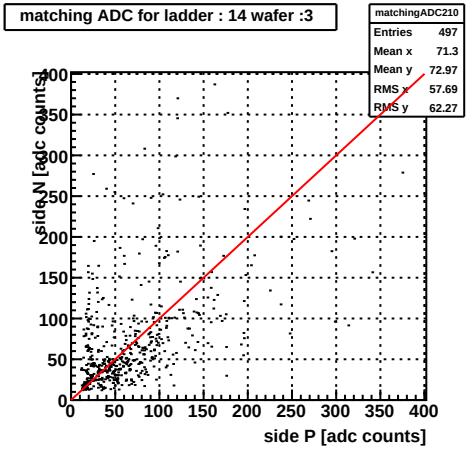

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 621
Mean x 78.72
Mean y 50.78
RMS x 60.07
RMS y 40.72
side N [adc counts]
side P [adc counts]

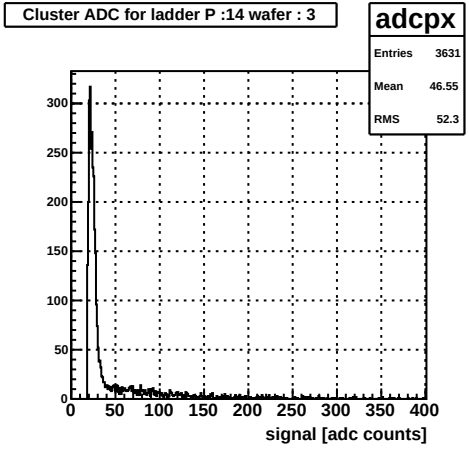

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 13098
Mean 32.83
RMS 32.42
signal [adc counts]

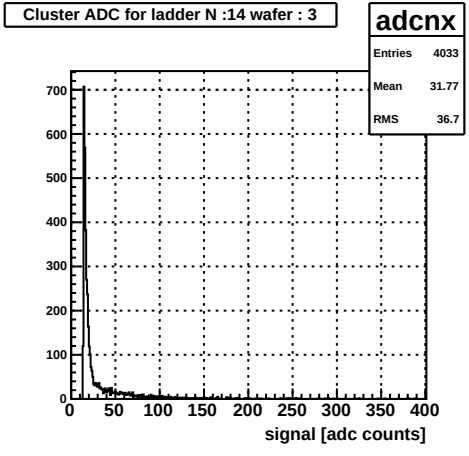

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 1118
Mean 41.61
RMS 43.54
signal [adc counts]

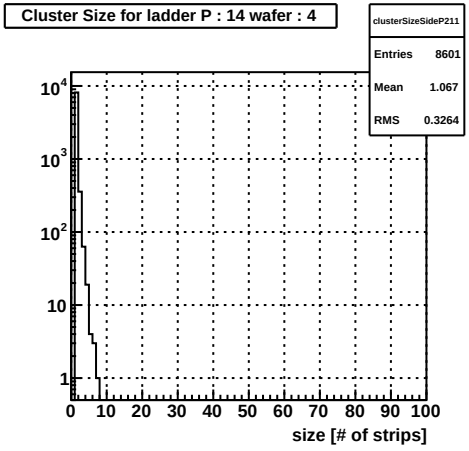

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 3631
Mean 1.156
RMS 0.4728
size [# of strips]

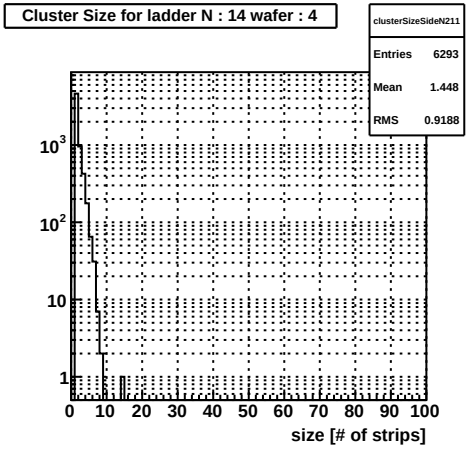

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 4033
Mean 1.276
RMS 0.6698
size [# of strips]

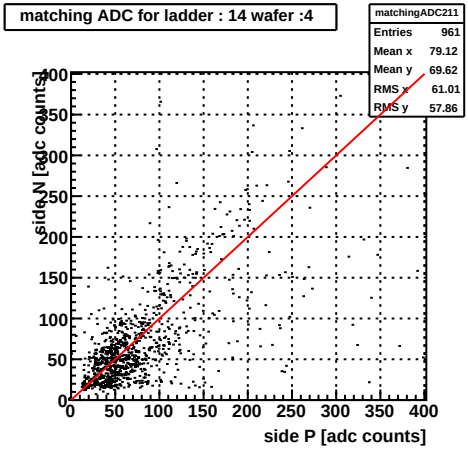

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 497
Mean x 71.3
Mean y 72.97
RMS x 57.69
RMS y 62.27
side N [adc counts]
side P [adc counts]

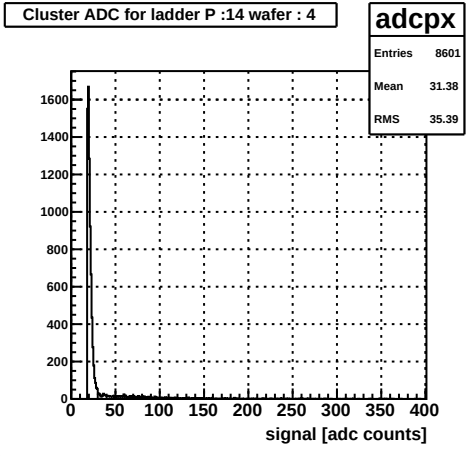

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 3631
Mean 46.55
RMS 52.3
signal [adc counts]

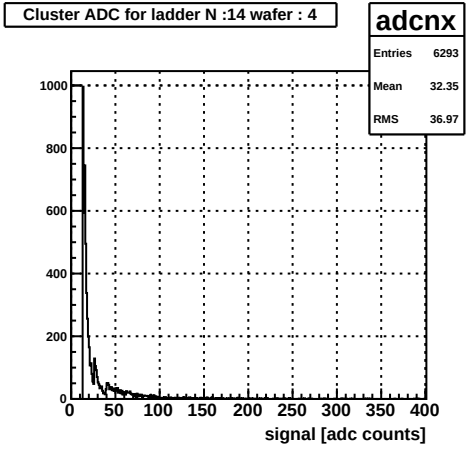

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 4033
Mean 31.77
RMS 36.7
signal [adc counts]

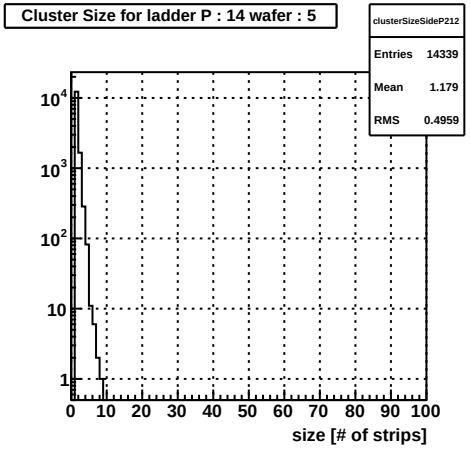

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 8601
Mean 1.067
RMS 0.3264
size [# of strips]

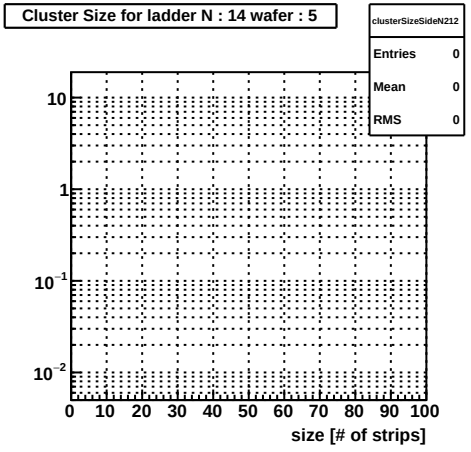

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 6293
Mean 1.448
RMS 0.9188
size [# of strips]

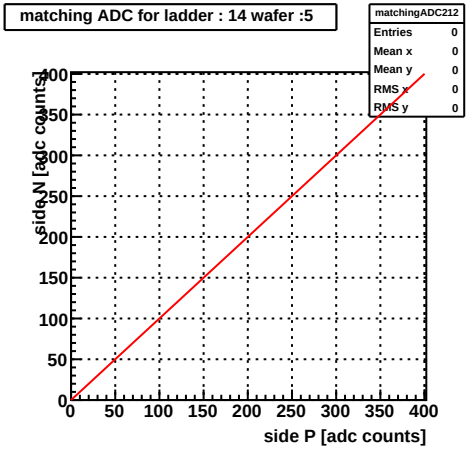

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 961
Mean x 79.12
Mean y 69.62
RMS x 61.01
RMS y 57.86
side N [adc counts]
side P [adc counts]

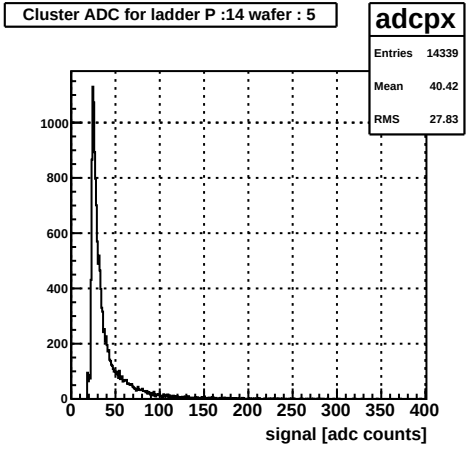

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 8601
Mean 31.38
RMS 35.39
signal [adc counts]

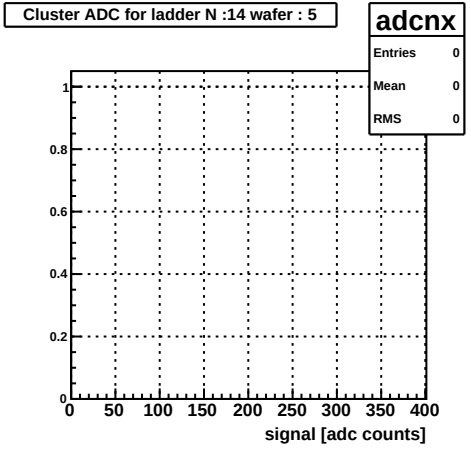

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 6293
Mean 32.35
RMS 36.97
signal [adc counts]

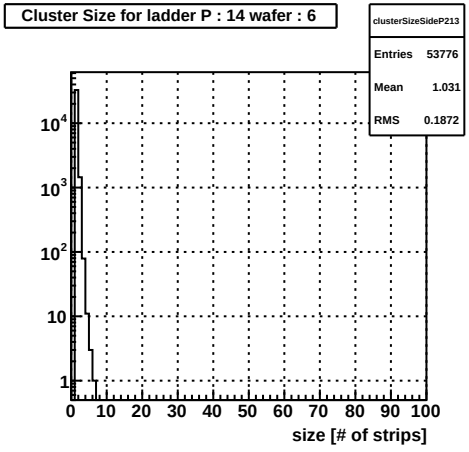

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 14339
Mean 1.179
RMS 0.4959
size [# of strips]

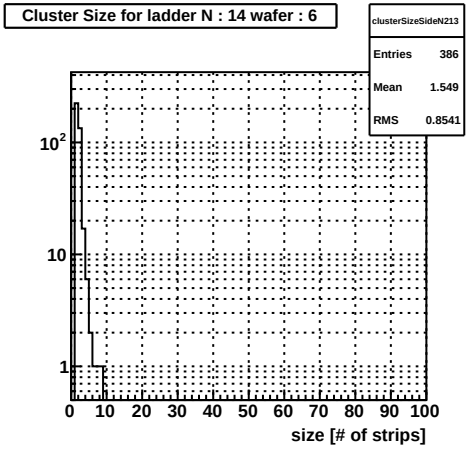

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

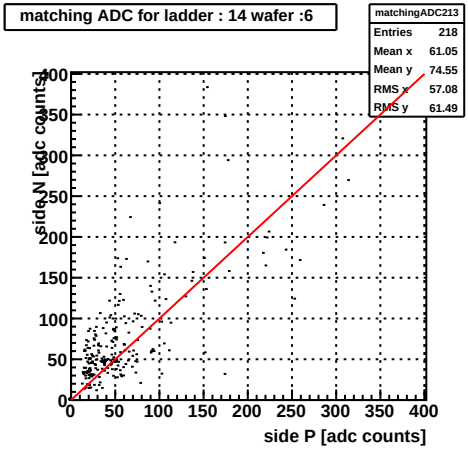

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

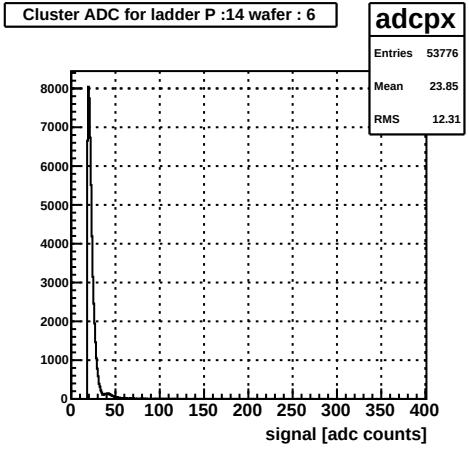

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 14339
Mean 40.42
RMS 27.83
signal [adc counts]

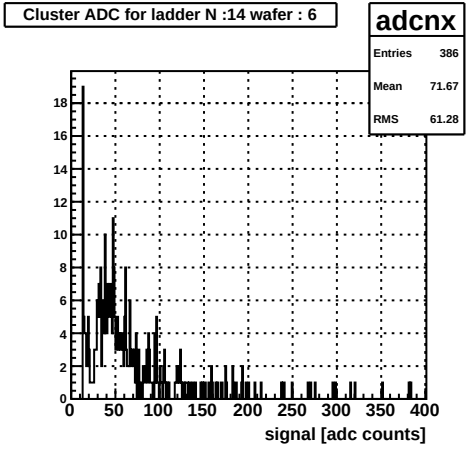

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

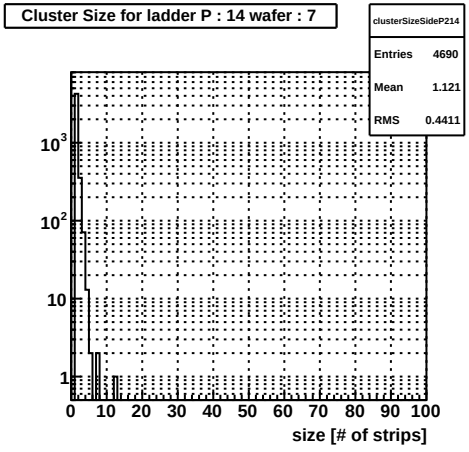

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 53776
Mean 1.031
RMS 0.1872
size [# of strips]

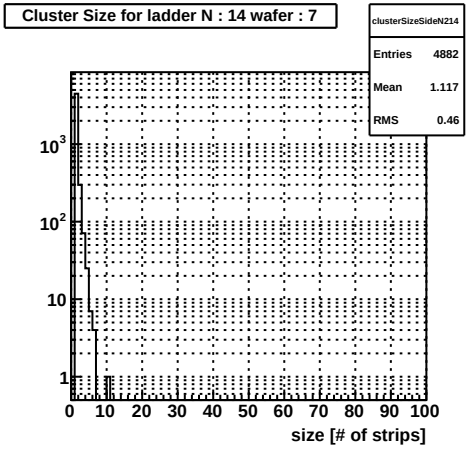

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 386
Mean 1.549
RMS 0.8541
size [# of strips]

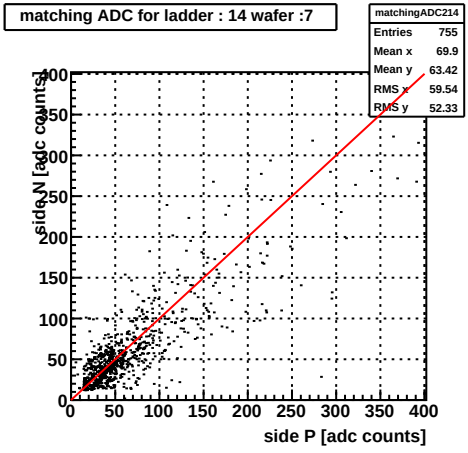

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 218
Mean x 61.05
Mean y 74.55
RMS x 57.08
RMS y 61.49
side N [adc counts]
side P [adc counts]

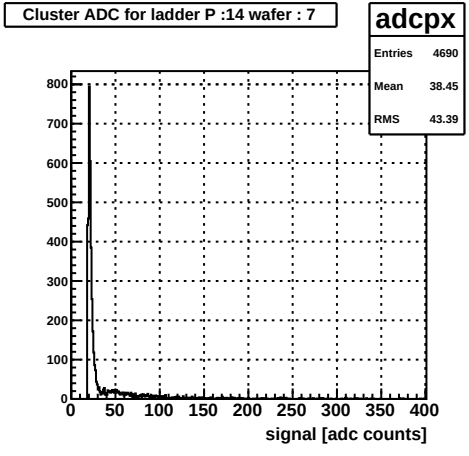

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 53776
Mean 23.85
RMS 12.31
signal [adc counts]

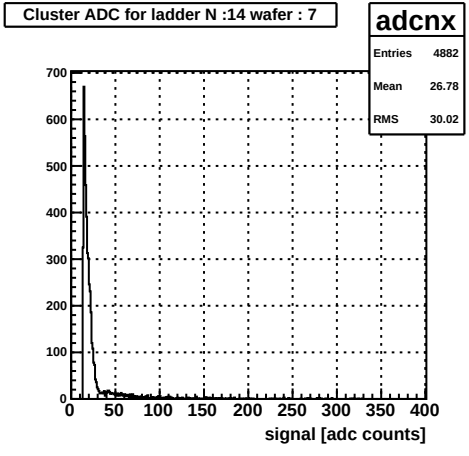

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 386
Mean 71.67
RMS 61.28
signal [adc counts]

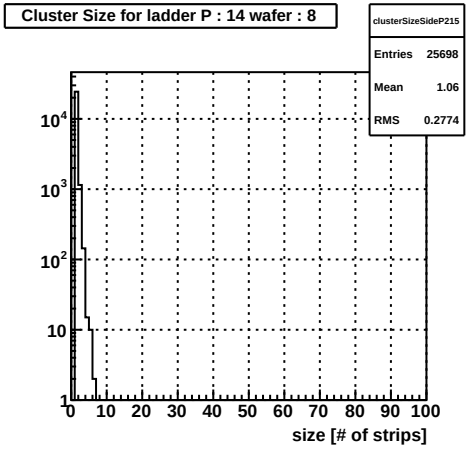

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 4690
Mean 1.121
RMS 0.4411
size [# of strips]

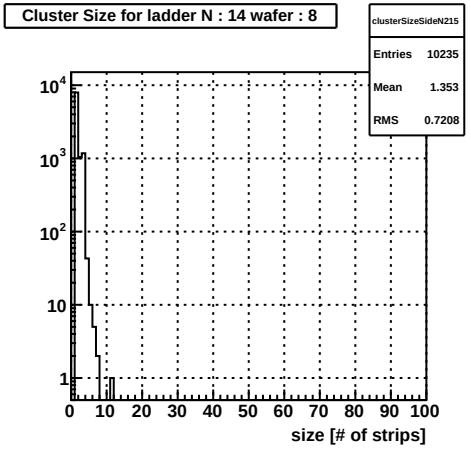

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 4882
Mean 1.117
RMS 0.46
size [# of strips]

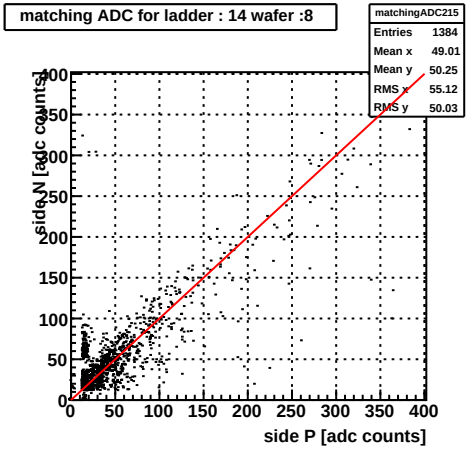

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 755
Mean x 69.9
Mean y 63.42
RMS x 59.54
RMS y 52.33
side N [adc counts]
side P [adc counts]

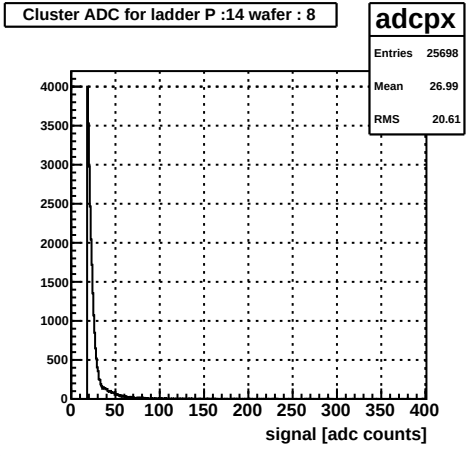

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 4690
Mean 38.45
RMS 43.39
signal [adc counts]

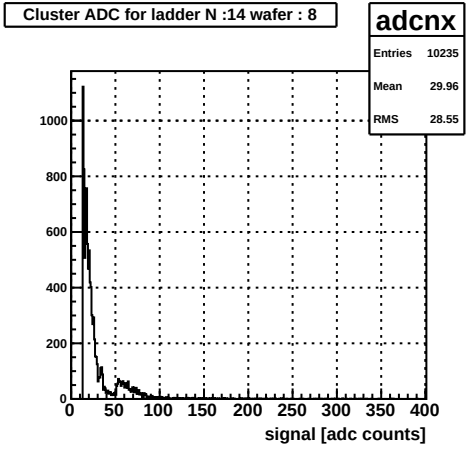

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 4882
Mean 26.78
RMS 30.02
signal [adc counts]

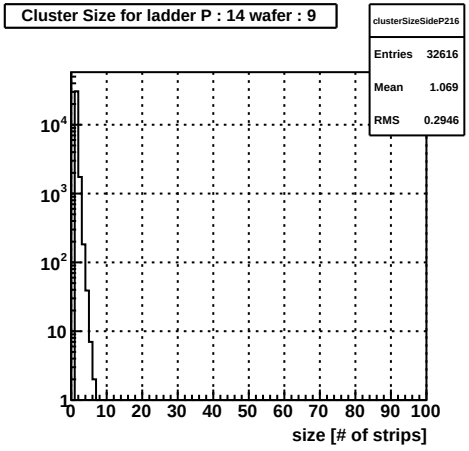

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 25698
Mean 1.06
RMS 0.2774
size [# of strips]

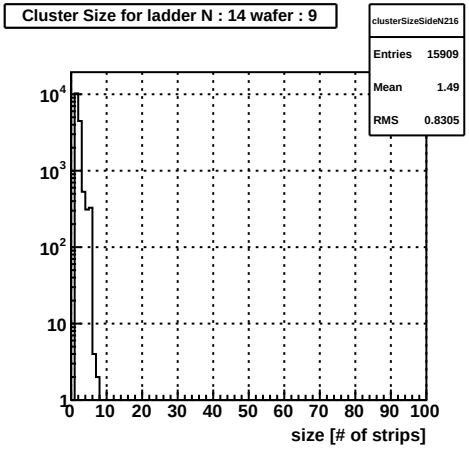

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 10235
Mean 1.353
RMS 0.7208
size [# of strips]

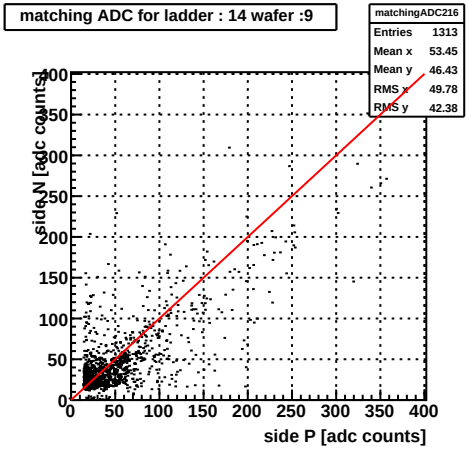

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 1384
Mean x 49.01
Mean y 50.25
RMS x 55.12
RMS y 50.03
side N [adc counts]
side P [adc counts]

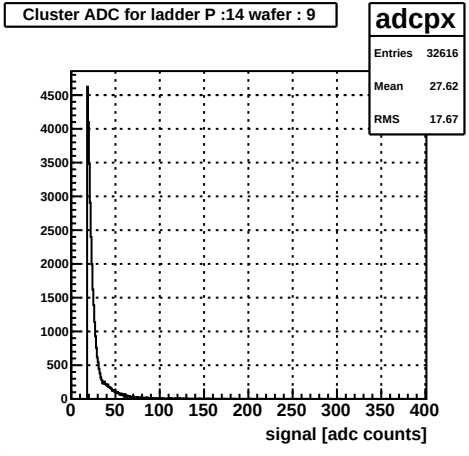

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 25698
Mean 26.99
RMS 20.61
signal [adc counts]

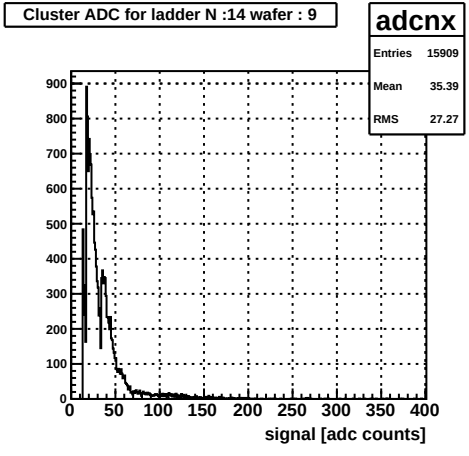

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 10235
Mean 29.96
RMS 28.55
signal [adc counts]

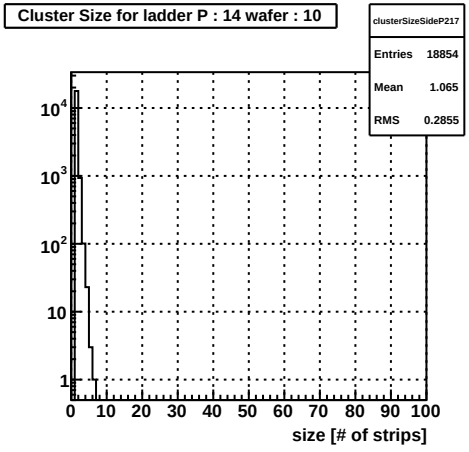

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 32616
Mean 1.069
RMS 0.2946
size [# of strips]

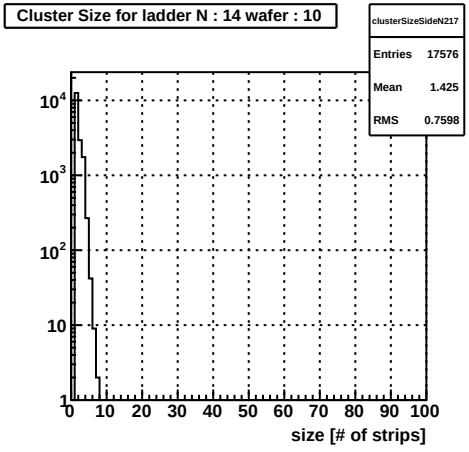

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 15909
Mean 1.49
RMS 0.8305
size [# of strips]

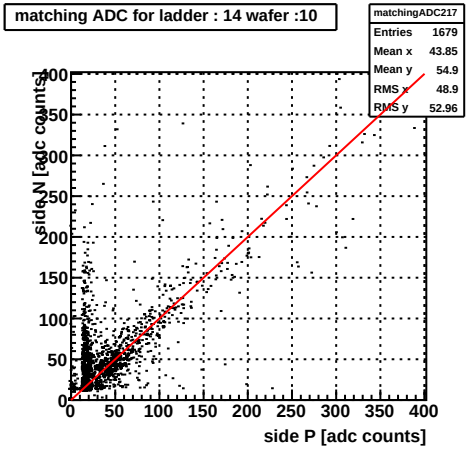

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 1313
Mean x 53.45
Mean y 46.43
RMS x 49.78
RMS y 42.38
side N [adc counts]
side P [adc counts]

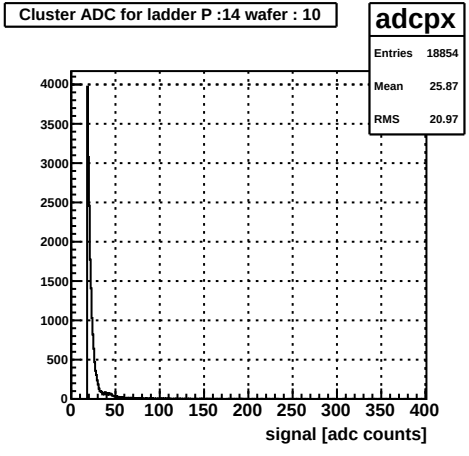

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 32616
Mean 27.62
RMS 17.67
signal [adc counts]

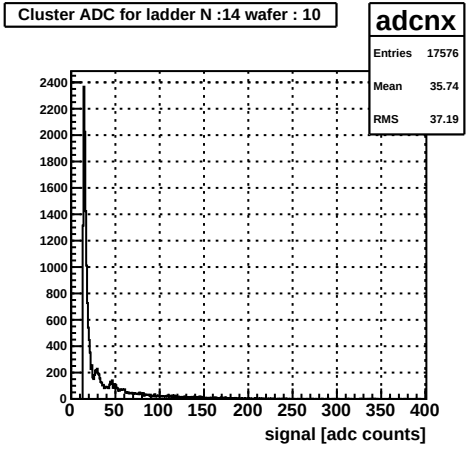

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 15909
Mean 35.39
RMS 27.27
signal [adc counts]

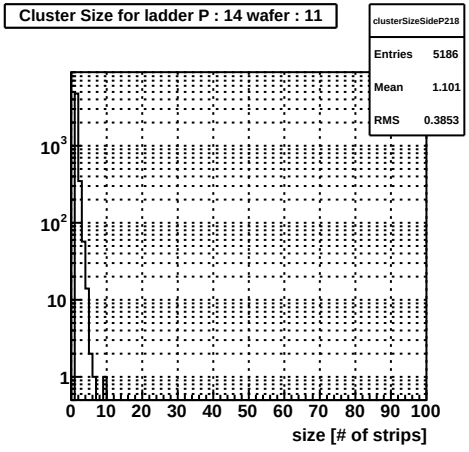

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 18854
Mean 1.065
RMS 0.2855
size [# of strips]

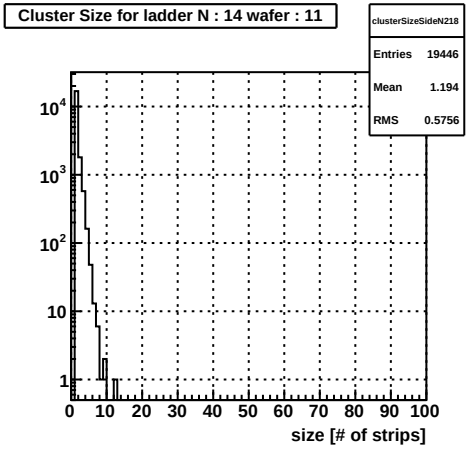

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 17576
Mean 1.425
RMS 0.7598
size [# of strips]

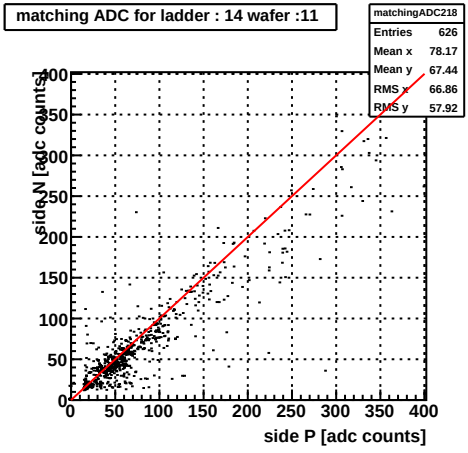

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 1679
Mean x 43.85
Mean y 54.9
RMS x 48.9
RMS y 52.96
side N [adc counts]
side P [adc counts]

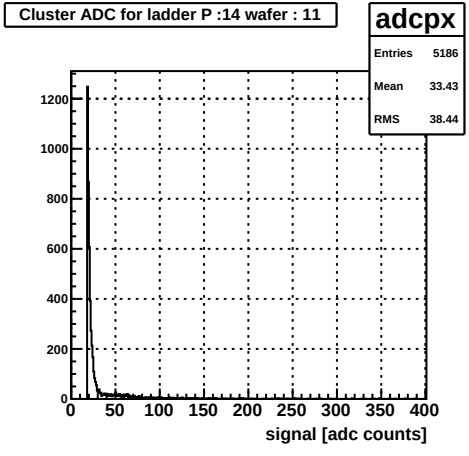

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 18854
Mean 25.87
RMS 20.97
signal [adc counts]

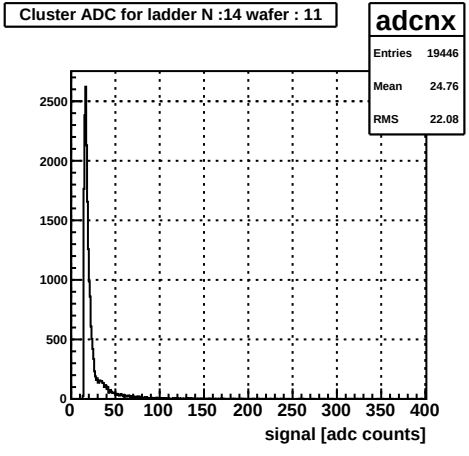

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 17576
Mean 35.74
RMS 37.19
signal [adc counts]

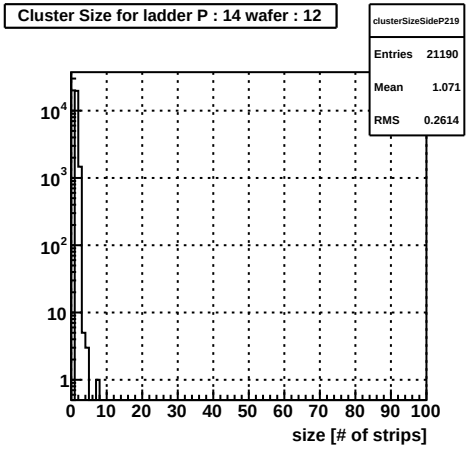

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 5186
Mean 1.101
RMS 0.3853
size [# of strips]

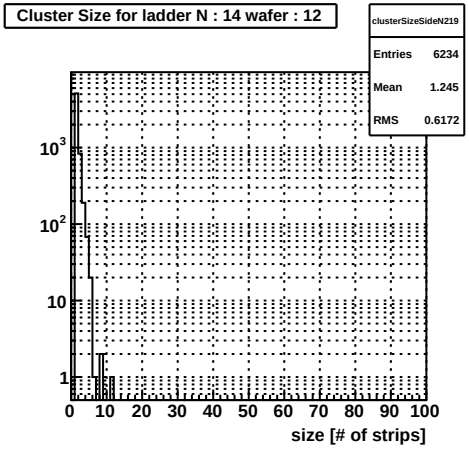

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 19446
Mean 1.194
RMS 0.5756
size [# of strips]

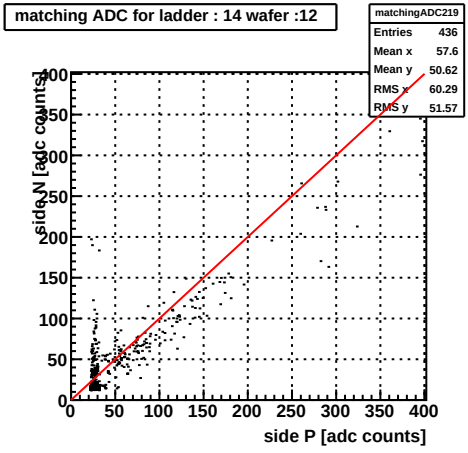

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 626
Mean x 78.17
Mean y 67.44
RMS x 66.86
RMS y 57.92
side N [adc counts]
side P [adc counts]

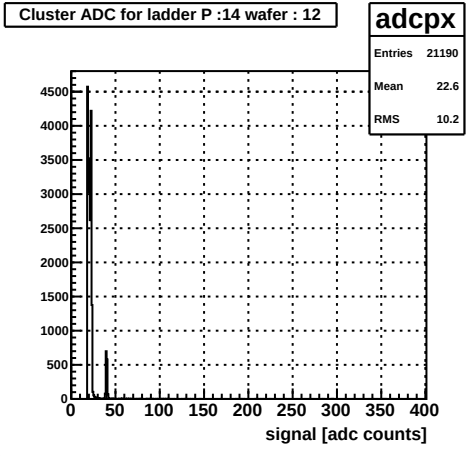

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 5186
Mean 33.43
RMS 38.44
signal [adc counts]

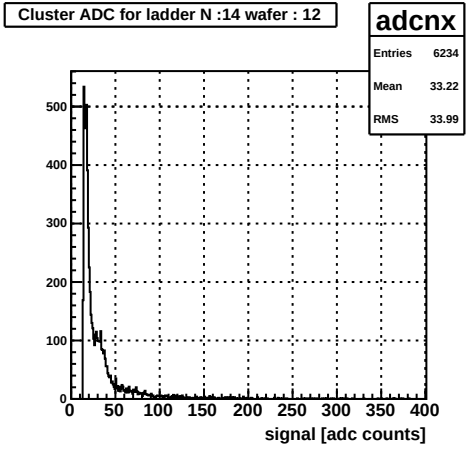

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 19446
Mean 24.76
RMS 22.08
signal [adc counts]

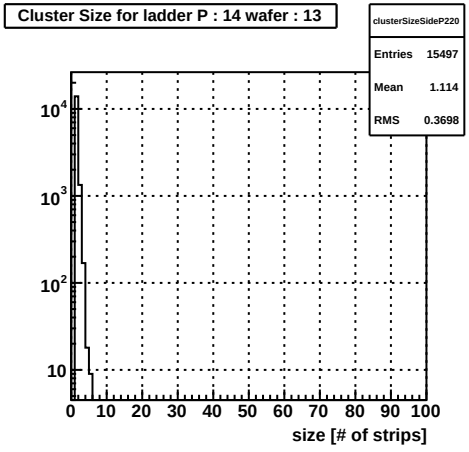

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 21190
Mean 1.071
RMS 0.2614
size [# of strips]

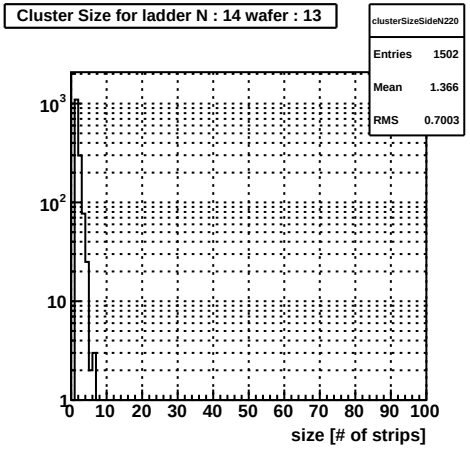

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 6234
Mean 1.245
RMS 0.6172
size [# of strips]

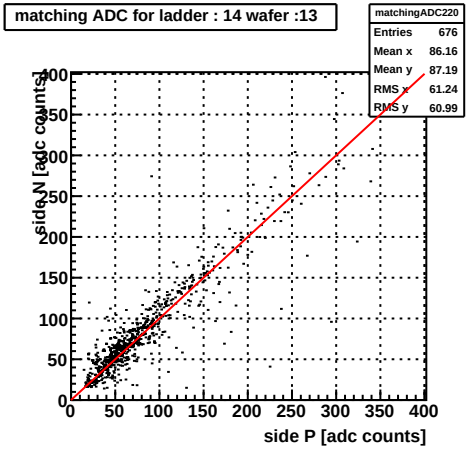

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 436
Mean x 57.6
Mean y 50.62
RMS x 60.29
RMS y 51.57
side N [adc counts]
side P [adc counts]

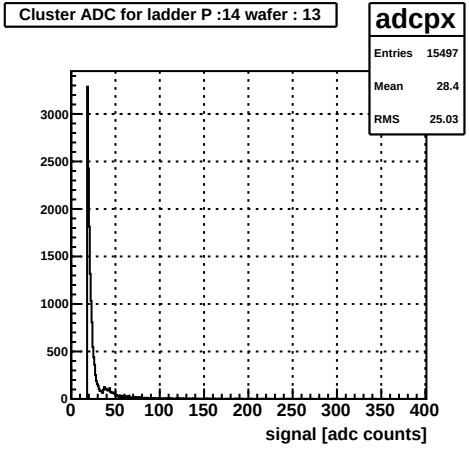

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 21190
Mean 22.6
RMS 10.2
signal [adc counts]

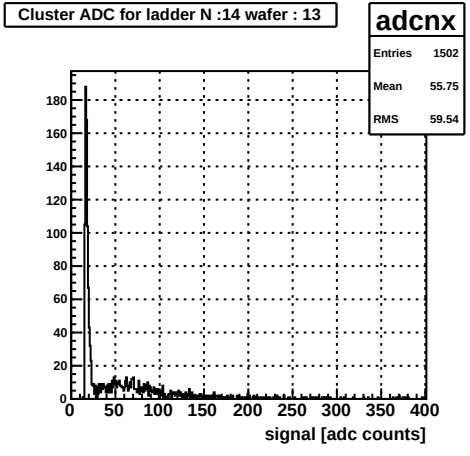

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 6234
Mean 33.22
RMS 33.99
signal [adc counts]

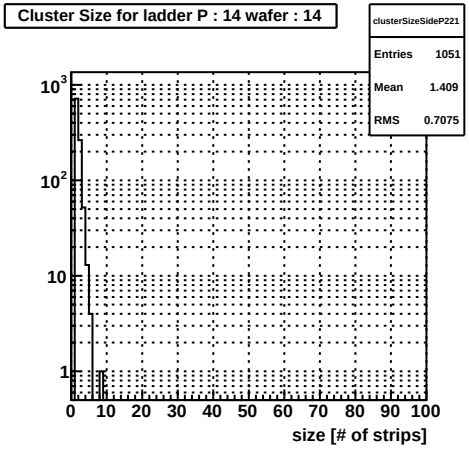

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 15497
Mean 1.114
RMS 0.3698
size [# of strips]

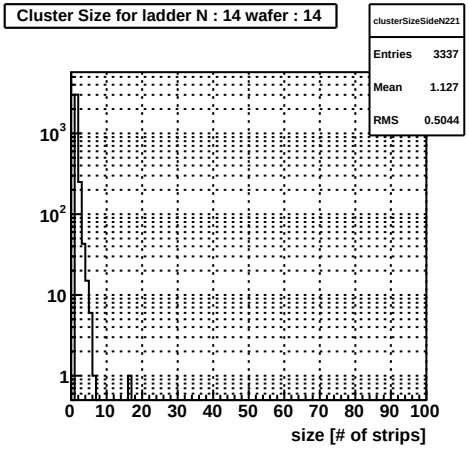

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 1502
Mean 1.366
RMS 0.7003
size [# of strips]

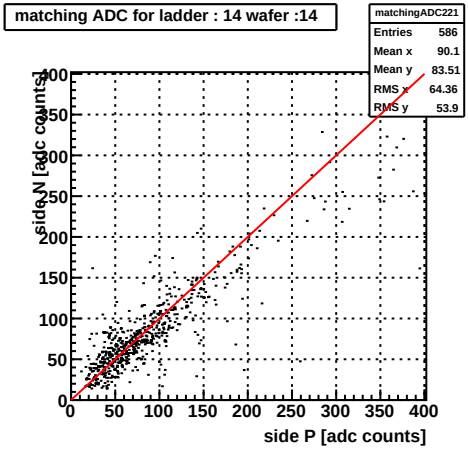

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 676
Mean x 86.16
Mean y 87.19
RMS x 61.24
RMS y 60.99
side N [adc counts]
side P [adc counts]

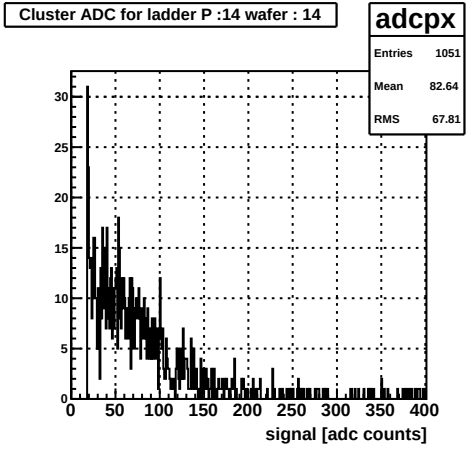

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 15497
Mean 28.4
RMS 25.03
signal [adc counts]

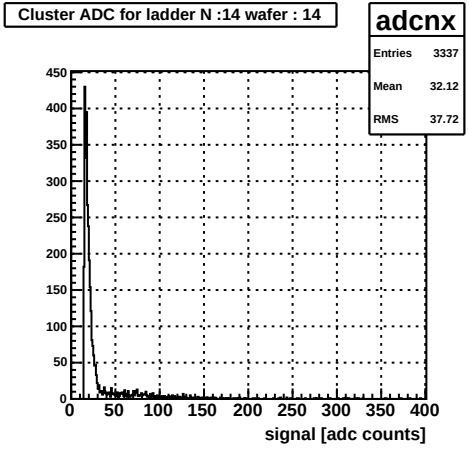

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 1502
Mean 55.75
RMS 59.54
signal [adc counts]

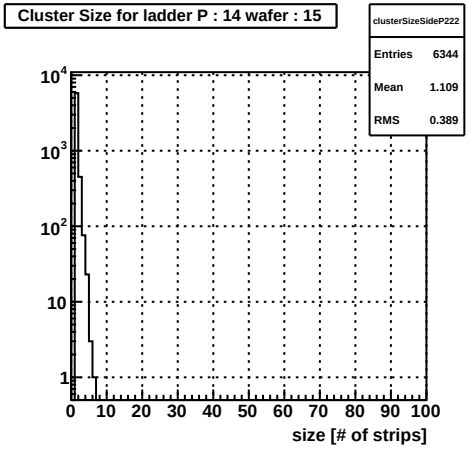

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 1051
Mean 1.409
RMS 0.7075
size [# of strips]

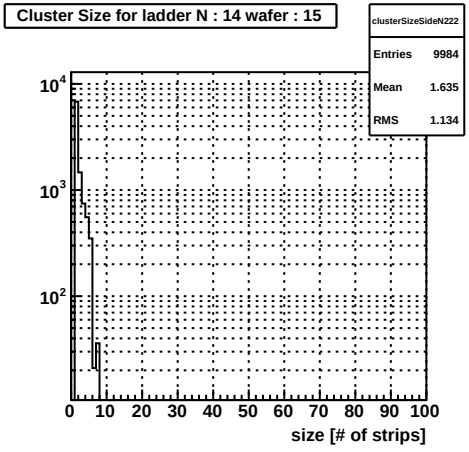

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 3337
Mean 1.127
RMS 0.5044
size [# of strips]

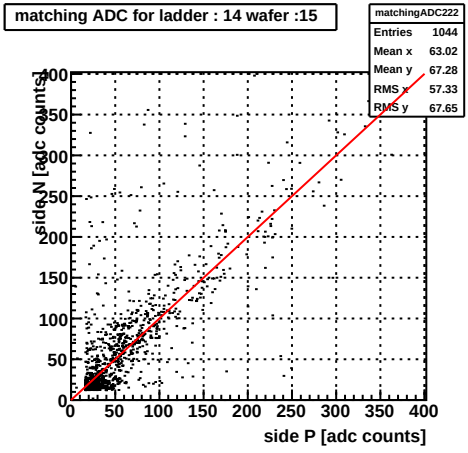

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 586
Mean x 90.1
Mean y 83.51
RMS x 64.36
RMS y 53.9
side N [adc counts]
side P [adc counts]

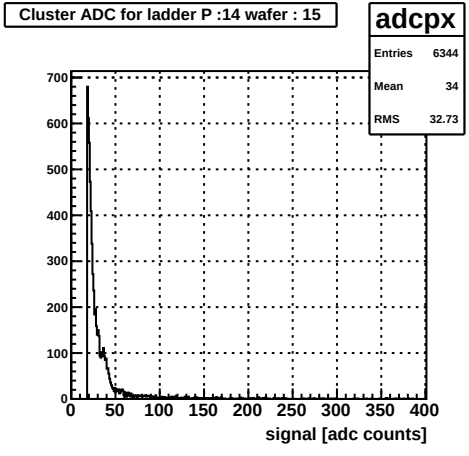

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 1051
Mean 82.64
RMS 67.81
signal [adc counts]

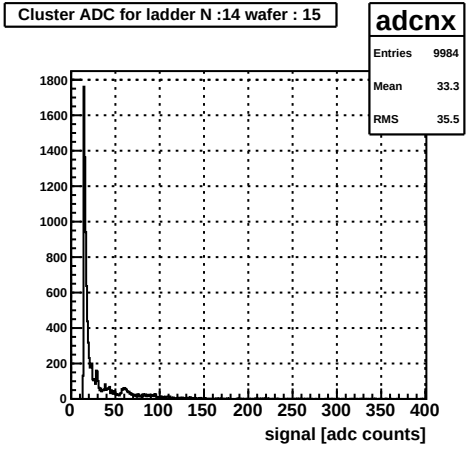

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 3337
Mean 32.12
RMS 37.72
signal [adc counts]

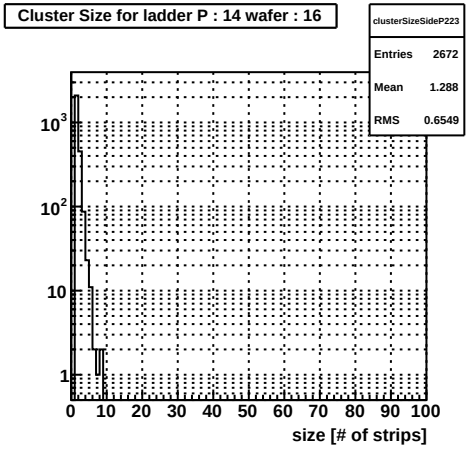

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 6344
Mean 1.109
RMS 0.389
size [# of strips]

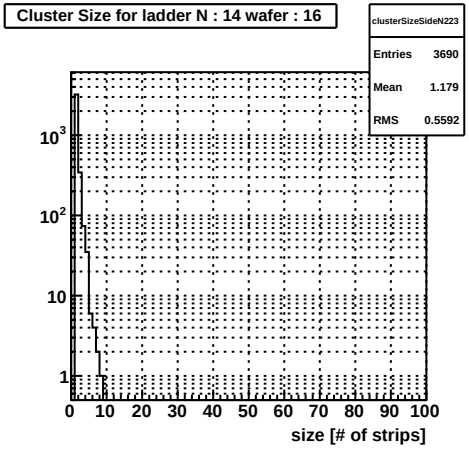

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 9984
Mean 1.635
RMS 1.134
size [# of strips]

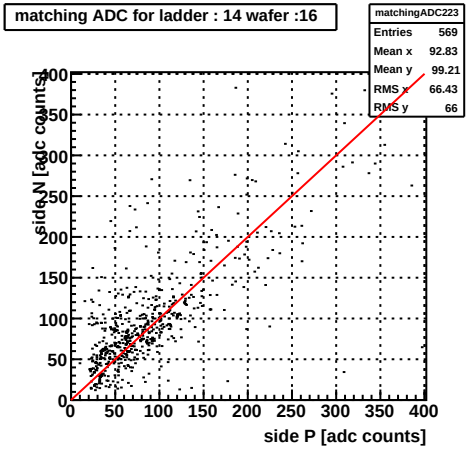

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 1044
Mean x 63.02
Mean y 67.28
RMS x 57.33
RMS y 67.65
side N [adc counts]
side P [adc counts]

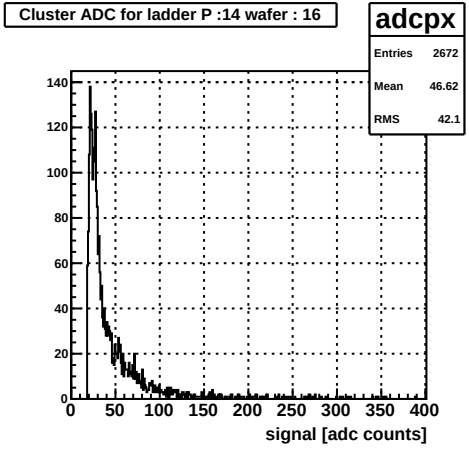

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 6344
Mean 34
RMS 32.73
signal [adc counts]

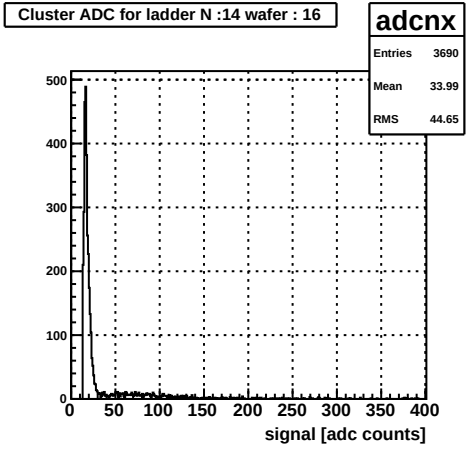

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 9984
Mean 33.3
RMS 35.5
signal [adc counts]

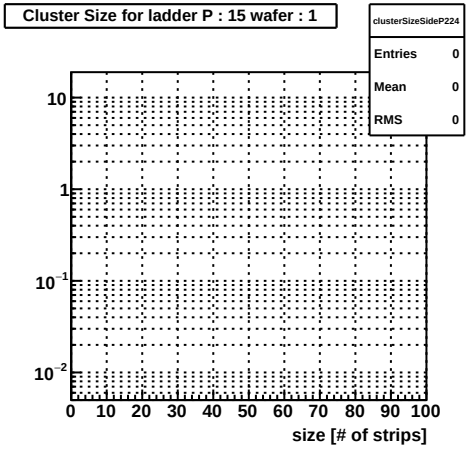

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 2672
Mean 1.288
RMS 0.6549
size [# of strips]

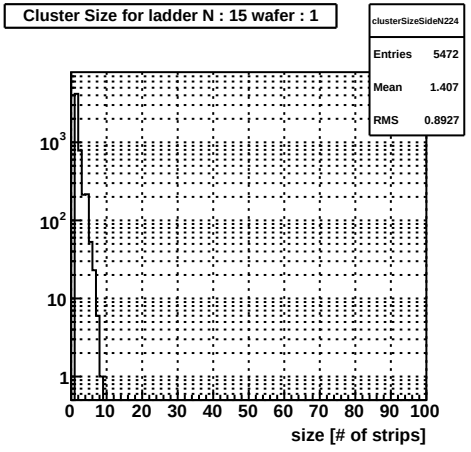

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 3690
Mean 1.179
RMS 0.5592
size [# of strips]

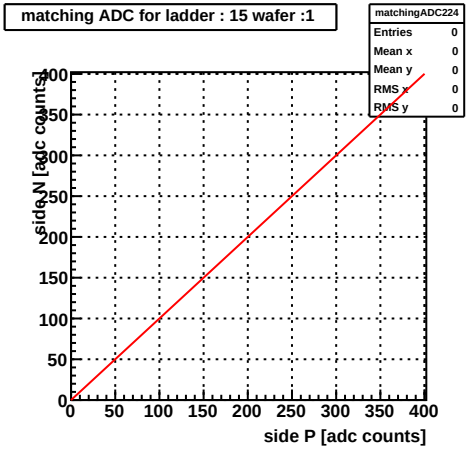

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 569
Mean x 92.83
Mean y 99.21
RMS x 66.43
RMS y 66
side N [adc counts]
side P [adc counts]

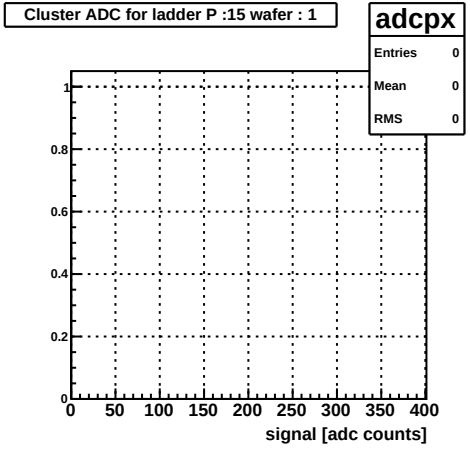

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 2672
Mean 46.62
RMS 42.1
signal [adc counts]

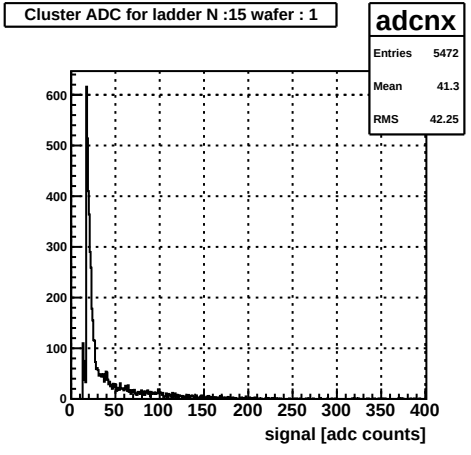

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 3690
Mean 33.99
RMS 44.65
signal [adc counts]

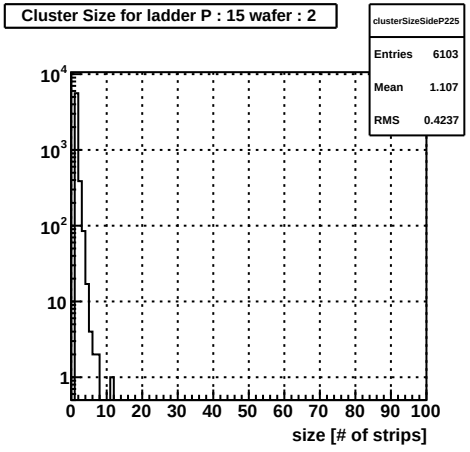

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

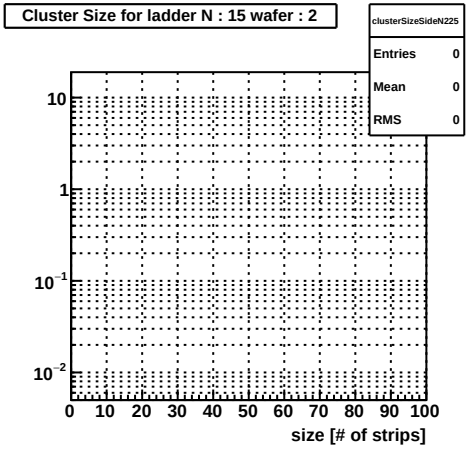

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 5472
Mean 1.407
RMS 0.8927
size [# of strips]

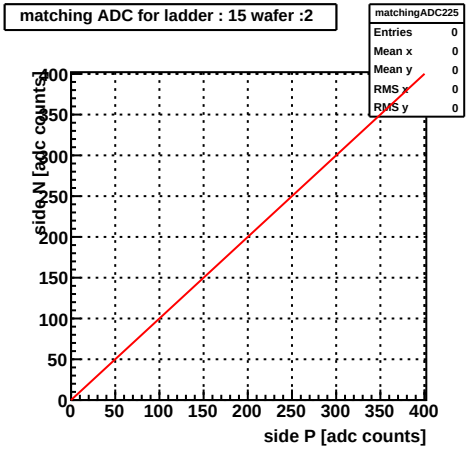

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

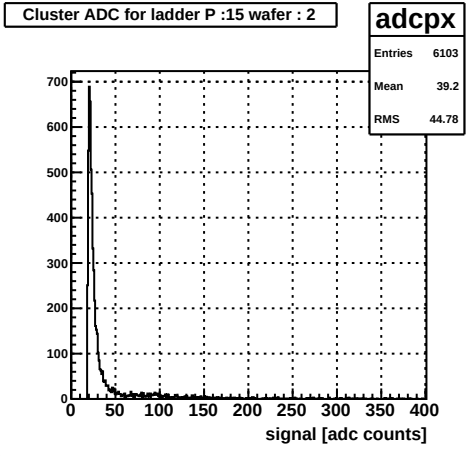

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

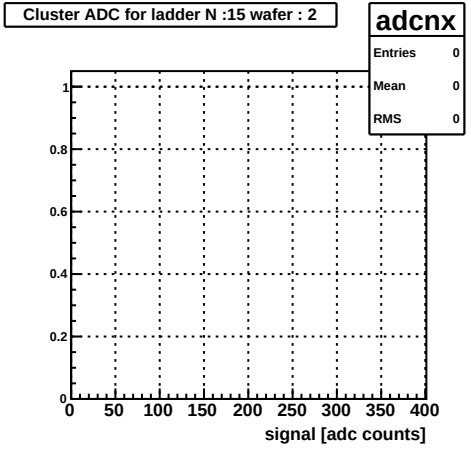

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 5472
Mean 41.3
RMS 42.25
signal [adc counts]

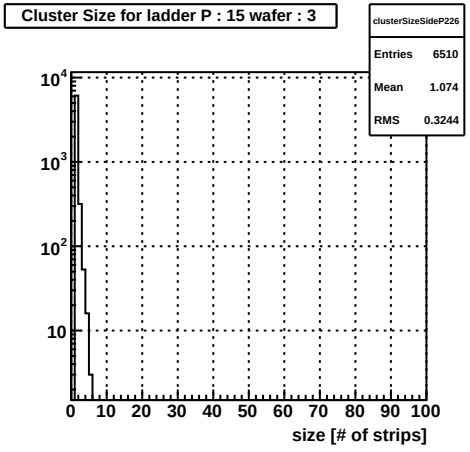

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 6103
Mean 1.107
RMS 0.4237
size [# of strips]

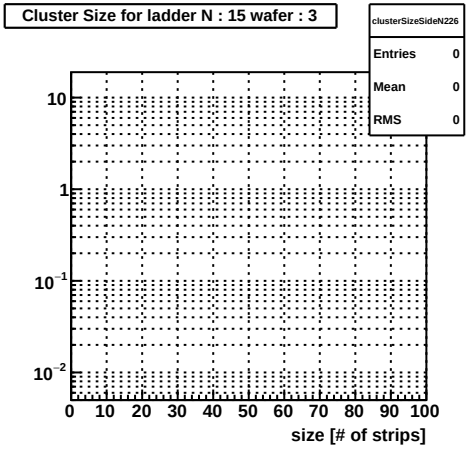

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

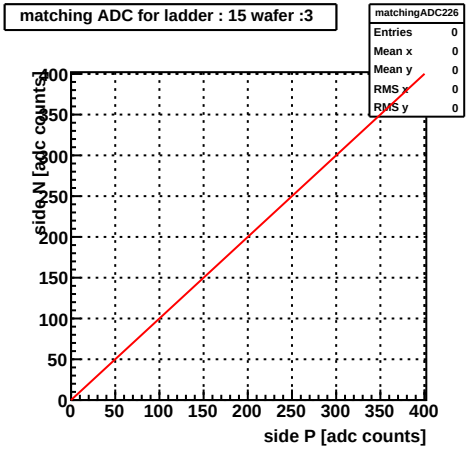

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

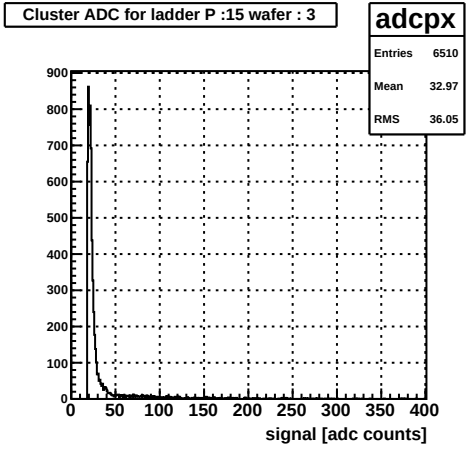

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 6103
Mean 39.2
RMS 44.78
signal [adc counts]

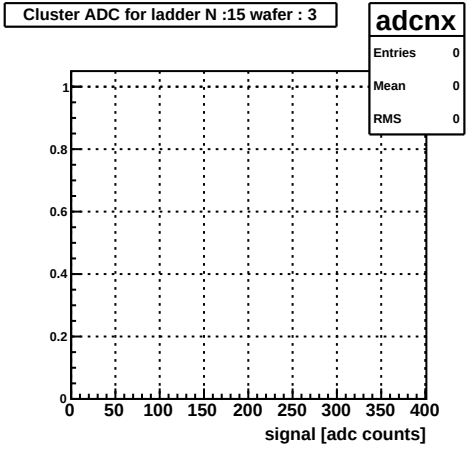

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

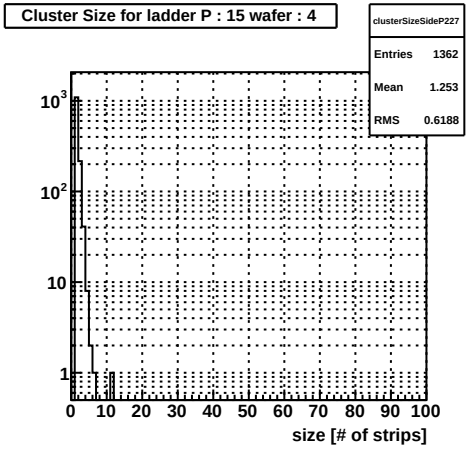

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 6510
Mean 1.074
RMS 0.3244
size [# of strips]

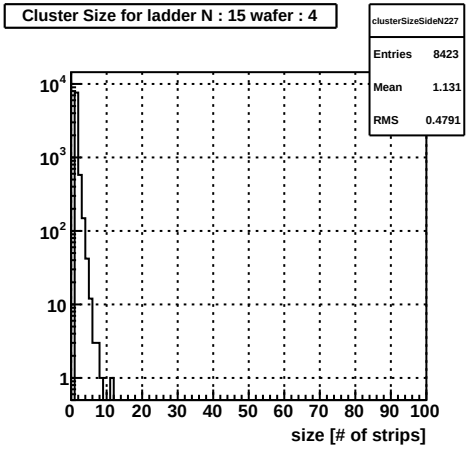

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

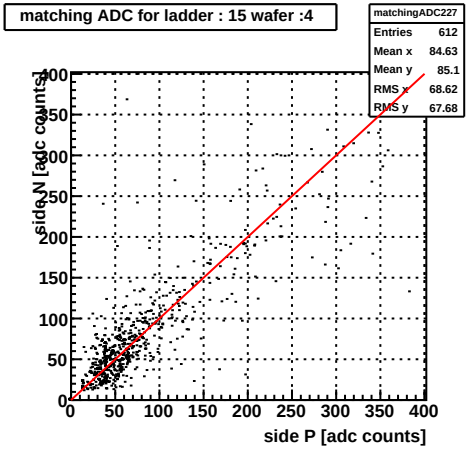

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

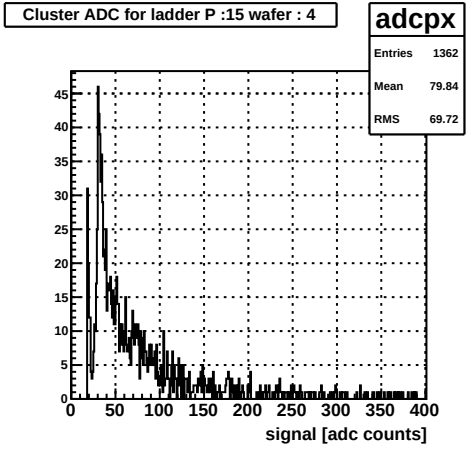

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 6510
Mean 32.97
RMS 36.05
signal [adc counts]

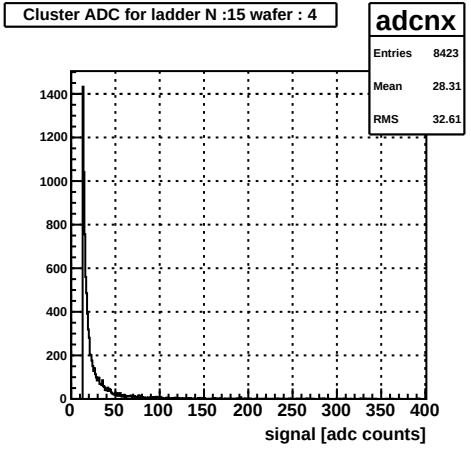

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

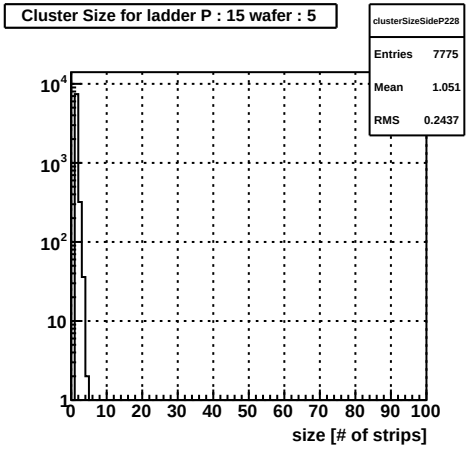

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 1362
Mean 1.253
RMS 0.6188
size [# of strips]

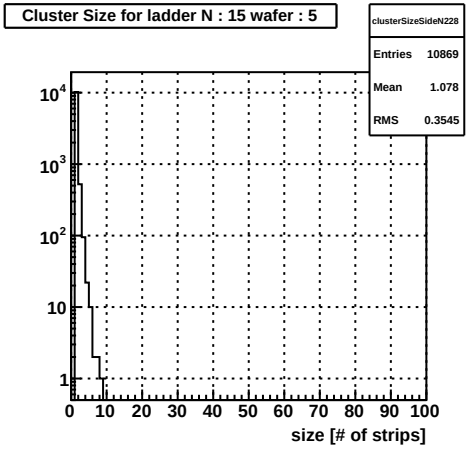

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 8423
Mean 1.131
RMS 0.4791
size [# of strips]

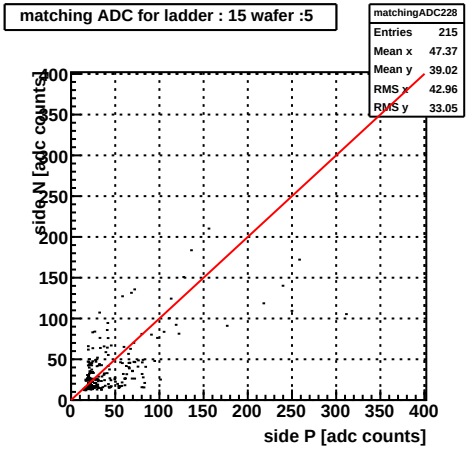

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 612
Mean x 84.63
Mean y 85.1
RMS x 68.62
RMS y 67.68
side N [adc counts]
side P [adc counts]

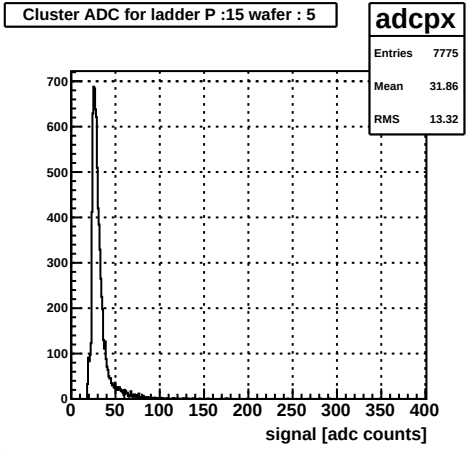

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 1362
Mean 79.84
RMS 69.72
signal [adc counts]

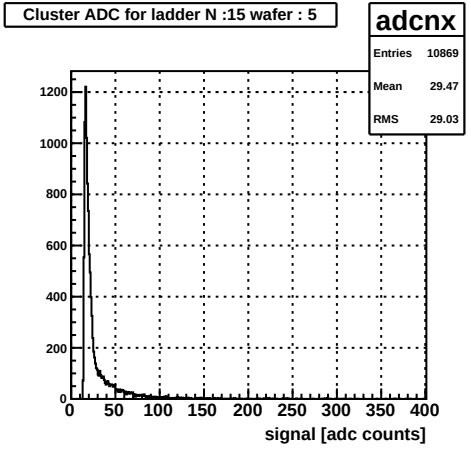

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 8423
Mean 28.31
RMS 32.61
signal [adc counts]

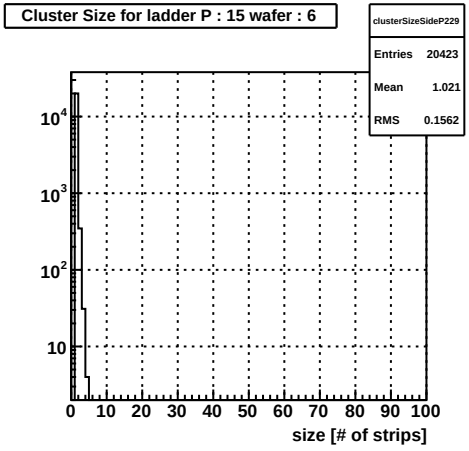

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 7775
Mean 1.051
RMS 0.2437
size [# of strips]

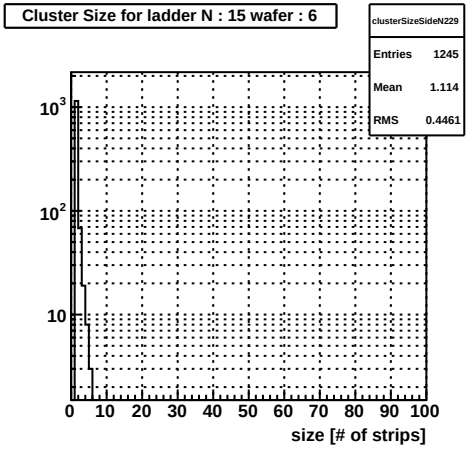

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 10869
Mean 1.078
RMS 0.3545
size [# of strips]

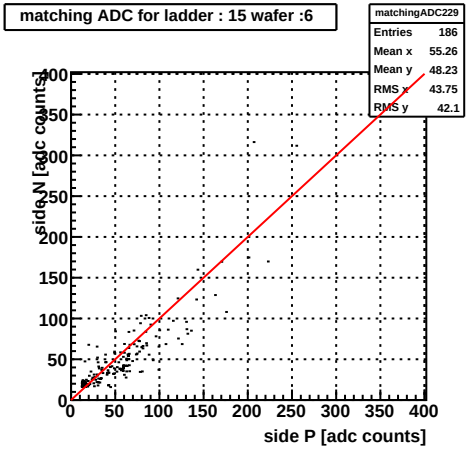

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 215
Mean x 47.37
Mean y 39.02
RMS x 42.96
RMS y 33.05
side N [adc counts]
side P [adc counts]

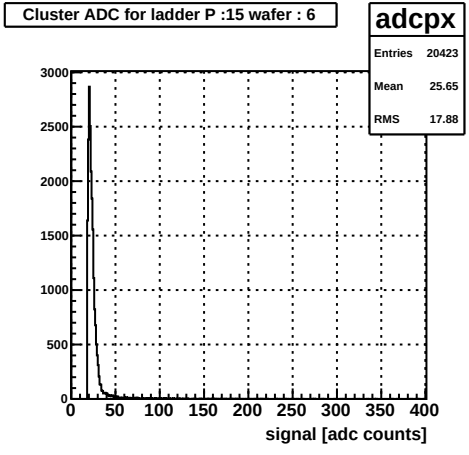

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 7775
Mean 31.86
RMS 13.32
signal [adc counts]

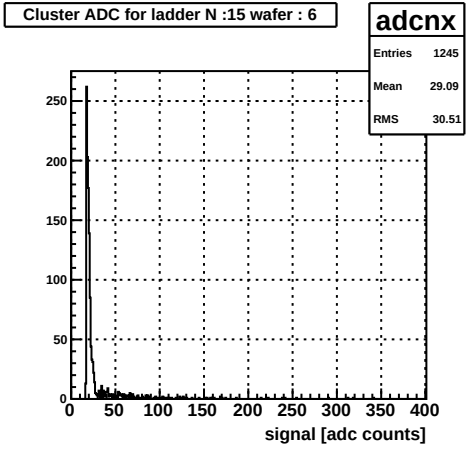

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 10869
Mean 29.47
RMS 29.03
signal [adc counts]

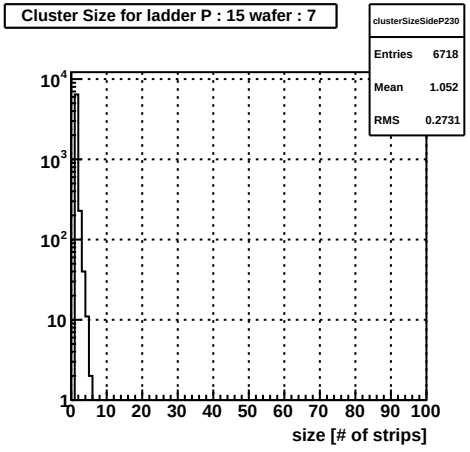

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 20423
Mean 1.021
RMS 0.1562
size [# of strips]

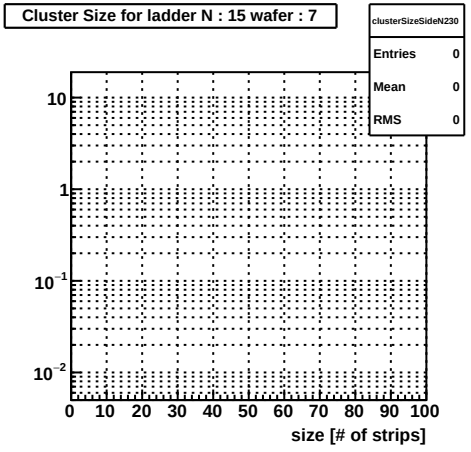

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 1245
Mean 1.114
RMS 0.4461
size [# of strips]

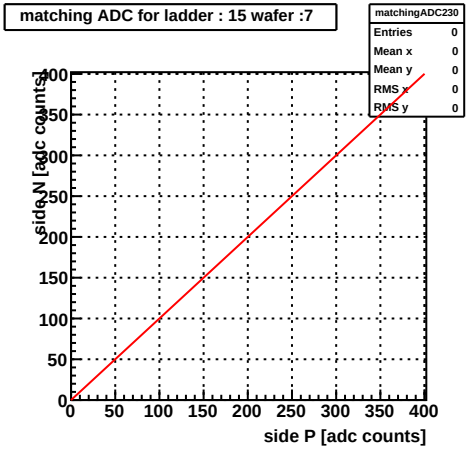

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 186
Mean x 55.26
Mean y 48.23
RMS x 43.75
RMS y 42.1
side N [adc counts]
side P [adc counts]

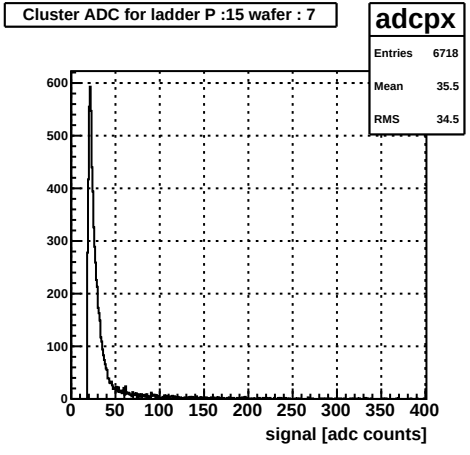

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 20423
Mean 25.65
RMS 17.88
signal [adc counts]

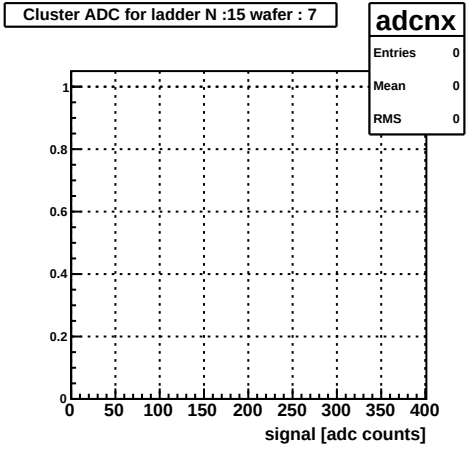

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 1245
Mean 29.09
RMS 30.51
signal [adc counts]

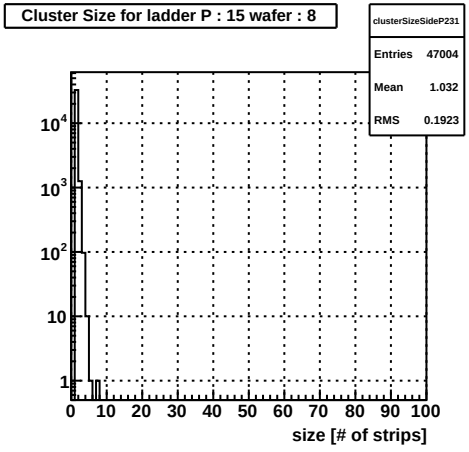

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 6718
Mean 1.052
RMS 0.2731
size [# of strips]

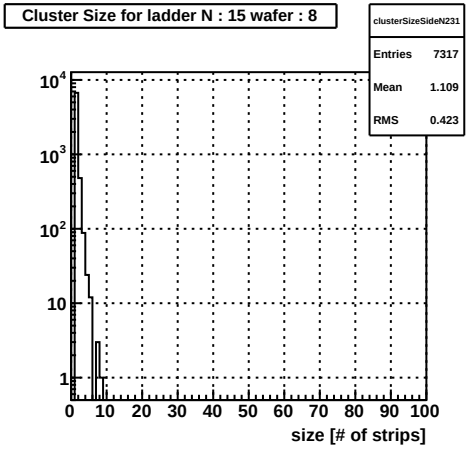

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

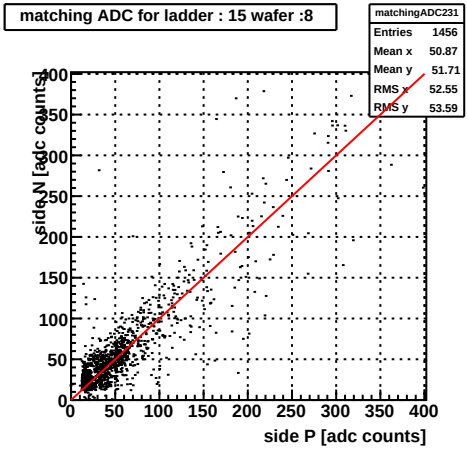

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

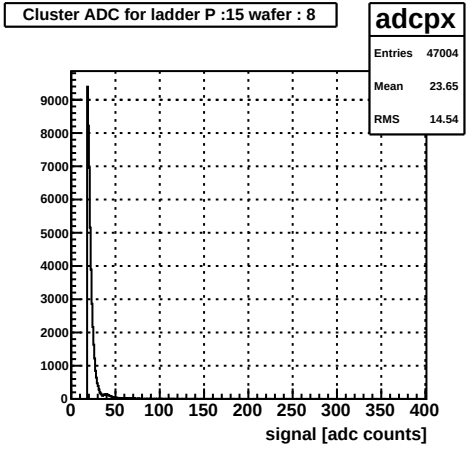

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 6718
Mean 35.5
RMS 34.5
signal [adc counts]

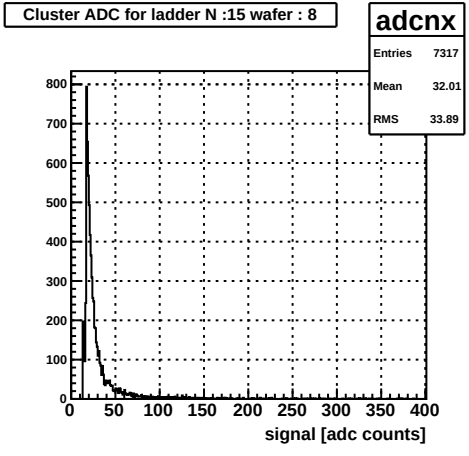

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

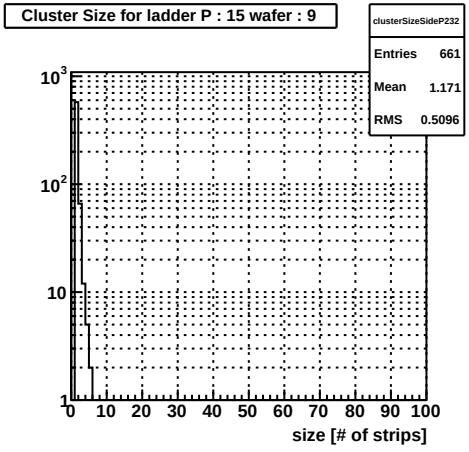

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 47004
Mean 1.032
RMS 0.1923
size [# of strips]

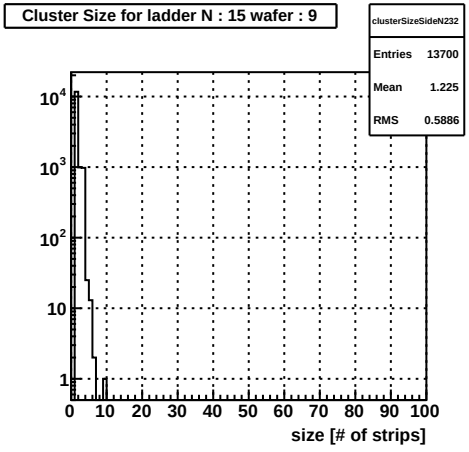

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 7317
Mean 1.109
RMS 0.423
size [# of strips]

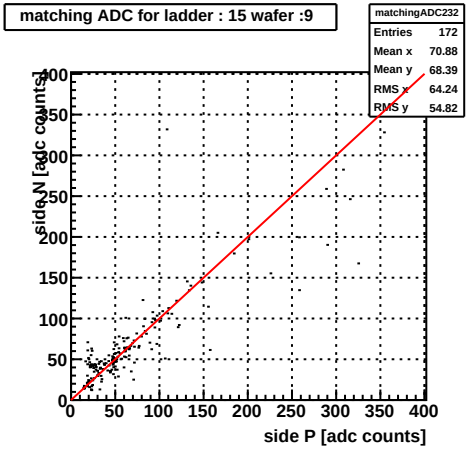

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 1456
Mean x 50.87
Mean y 51.71
RMS x 52.55
RMS y 53.59
side N [adc counts]
side P [adc counts]

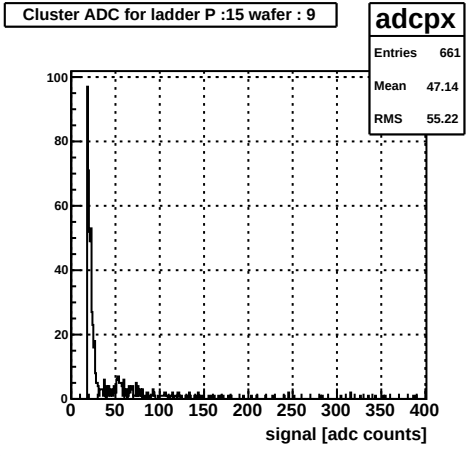

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 47004
Mean 23.65
RMS 14.54
signal [adc counts]

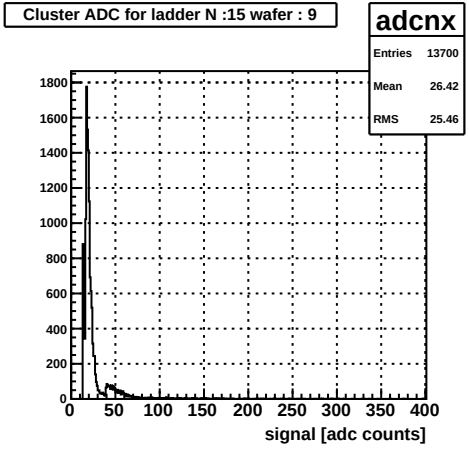

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 7317
Mean 32.01
RMS 33.89
signal [adc counts]

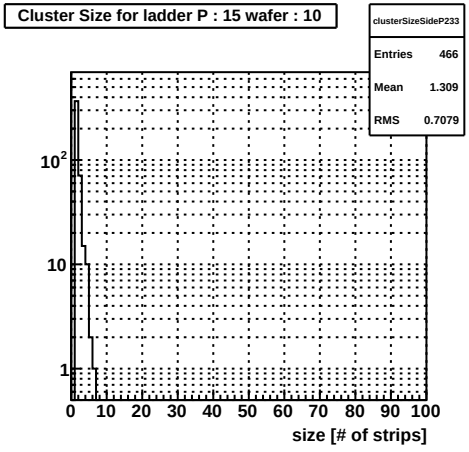

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 661
Mean 1.171
RMS 0.5096
size [# of strips]

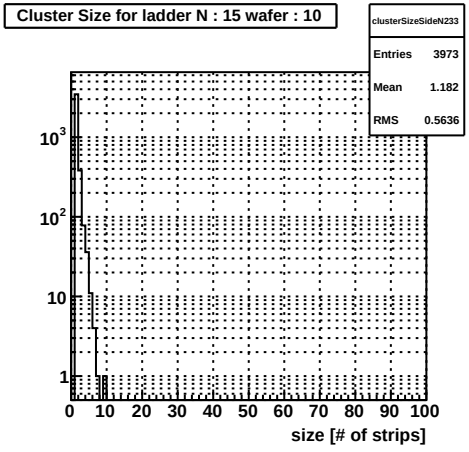

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 13700
Mean 1.225
RMS 0.5886
size [# of strips]

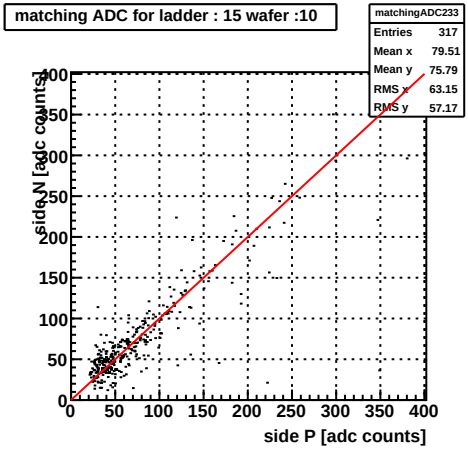

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 172
Mean x 70.88
Mean y 68.39
RMS x 64.24
RMS y 54.82
side N [adc counts]
side P [adc counts]

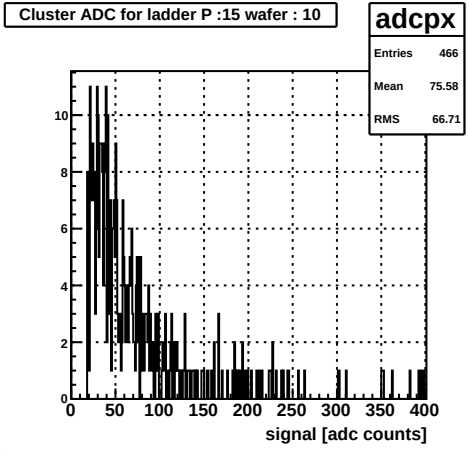

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 661
Mean 47.14
RMS 55.22
signal [adc counts]

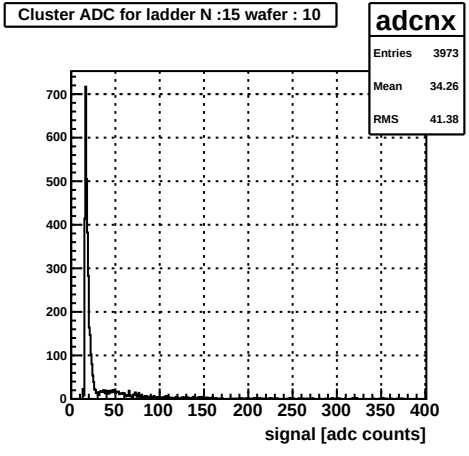

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 13700
Mean 26.42
RMS 25.46
signal [adc counts]

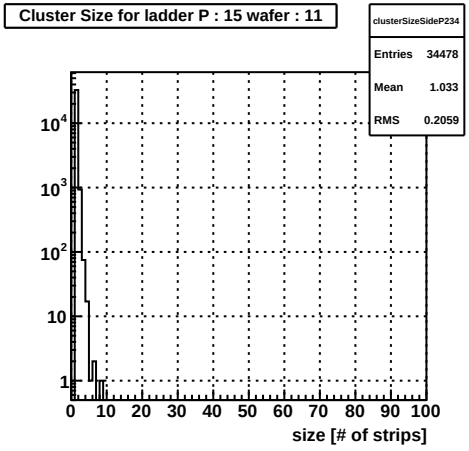

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 466
Mean 1.309
RMS 0.7079
size [# of strips]

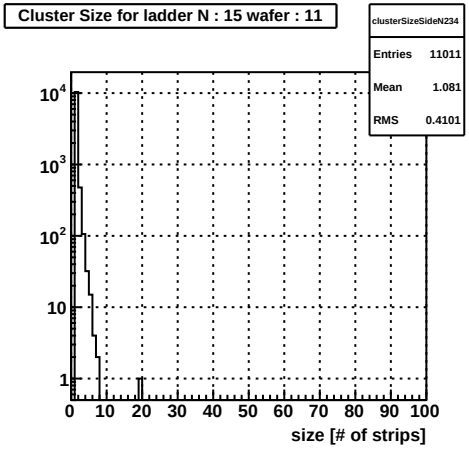

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 3973
Mean 1.182
RMS 0.5636
size [# of strips]

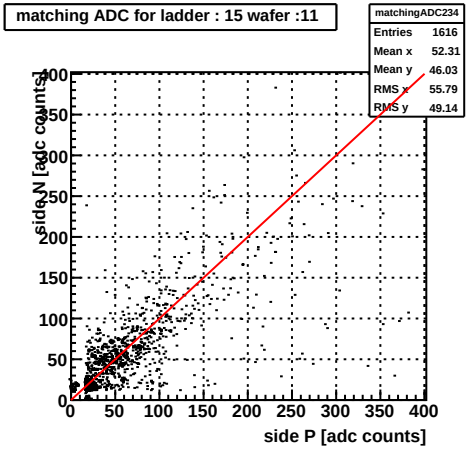

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 317
Mean x 79.51
Mean y 75.79
RMS x 63.15
RMS y 57.17
side N [adc counts]
side P [adc counts]

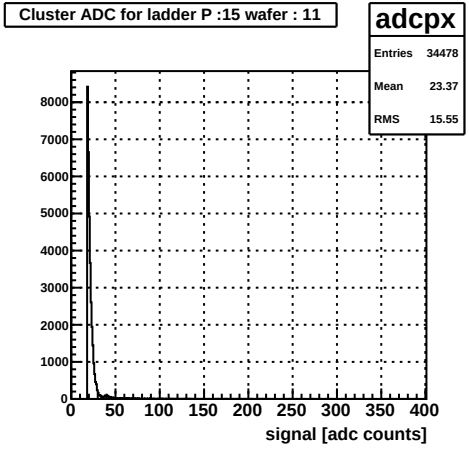

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 466
Mean 75.58
RMS 66.71
signal [adc counts]

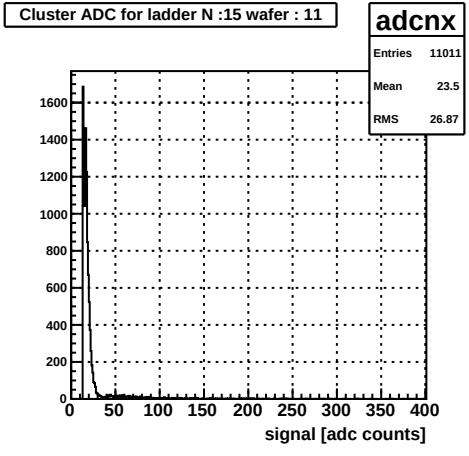

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 3973
Mean 34.26
RMS 41.38
signal [adc counts]

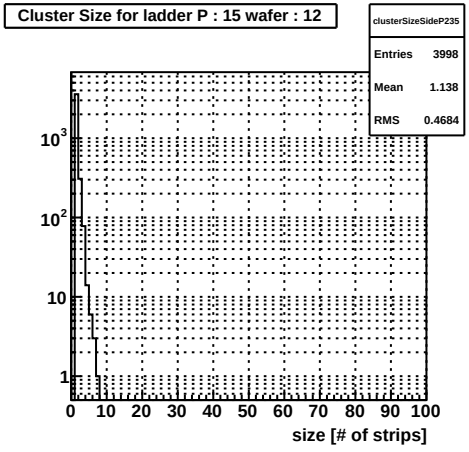

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 34478
Mean 1.033
RMS 0.2059
size [# of strips]

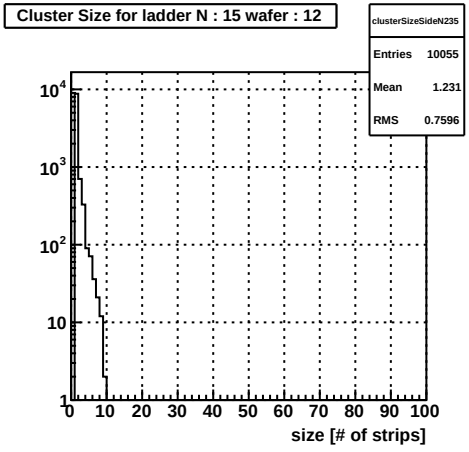

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 11011
Mean 1.081
RMS 0.4101
size [# of strips]

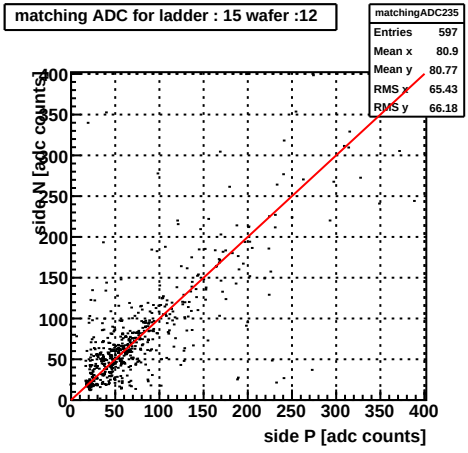

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 1616
Mean x 52.31
Mean y 46.03
RMS x 55.79
RMS y 49.14
side N [adc counts]
side P [adc counts]

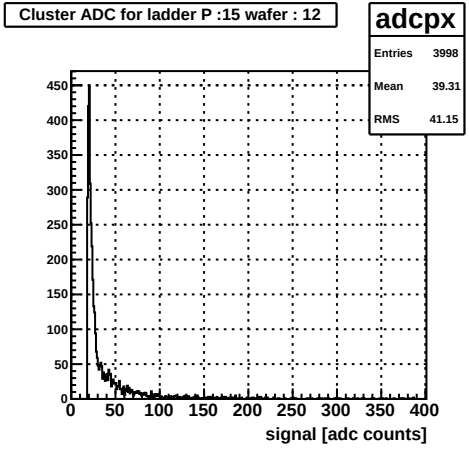

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 34478
Mean 23.37
RMS 15.55
signal [adc counts]

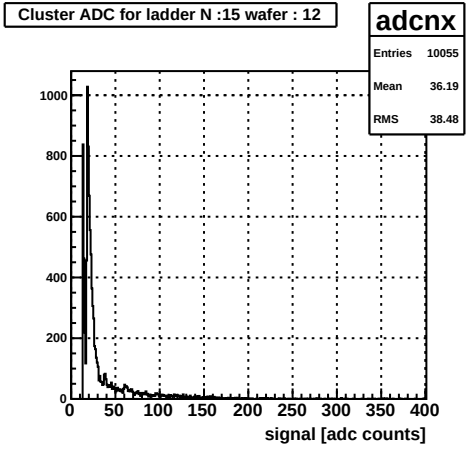

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 11011
Mean 23.5
RMS 26.87
signal [adc counts]

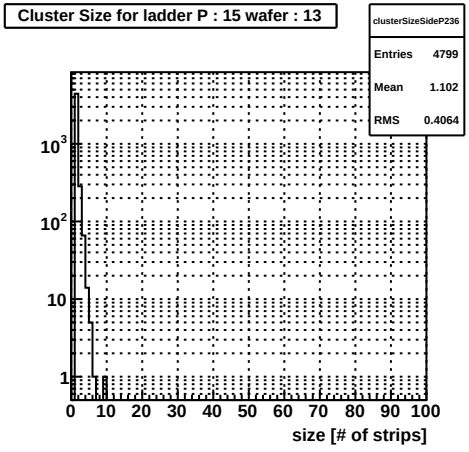

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 3998
Mean 1.138
RMS 0.4684
size [# of strips]

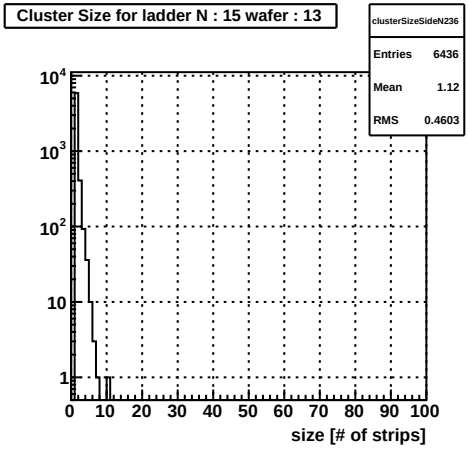

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 10055
Mean 1.231
RMS 0.7596
size [# of strips]

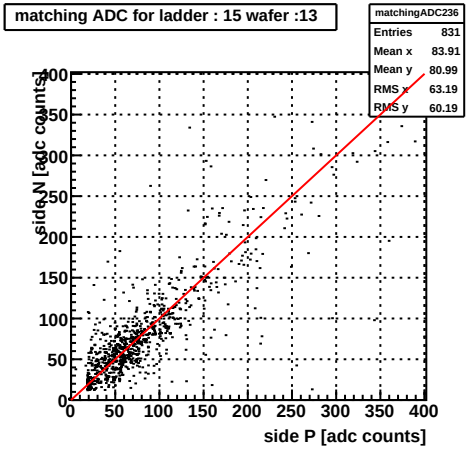

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 597
Mean x 80.9
Mean y 80.77
RMS x 65.43
RMS y 66.18
side N [adc counts]
side P [adc counts]

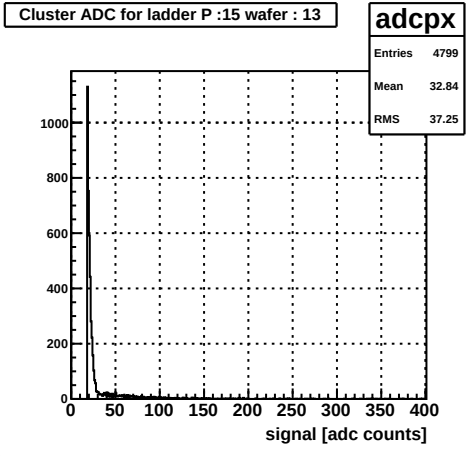

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 3998
Mean 39.31
RMS 41.15
signal [adc counts]

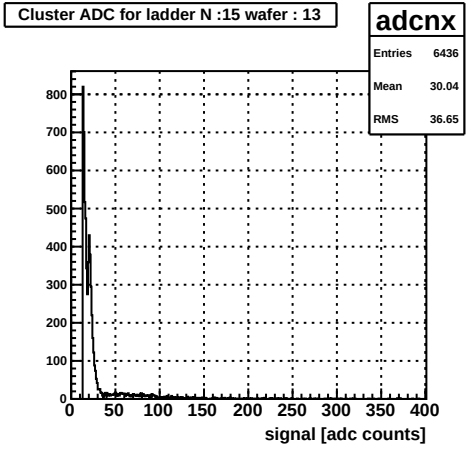

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 10055
Mean 36.19
RMS 38.48
signal [adc counts]

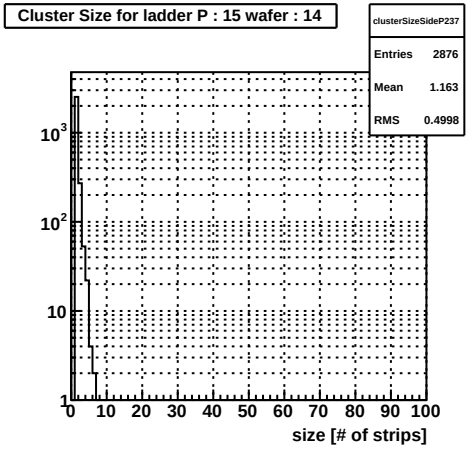

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 4799
Mean 1.102
RMS 0.4064
size [# of strips]

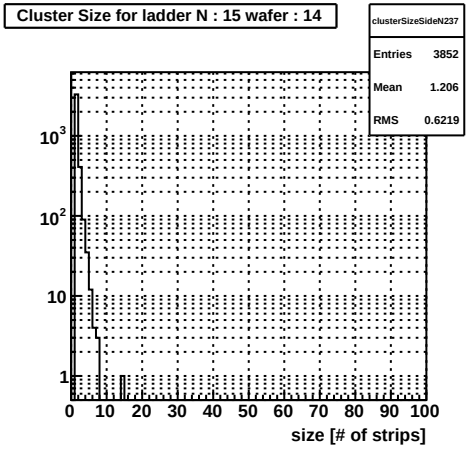

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 6436
Mean 1.12
RMS 0.4603
size [# of strips]

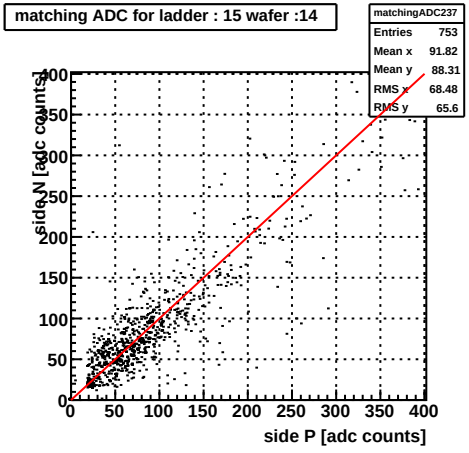

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 831
Mean x 83.91
Mean y 80.99
RMS x 63.19
RMS y 60.19
side N [adc counts]
side P [adc counts]

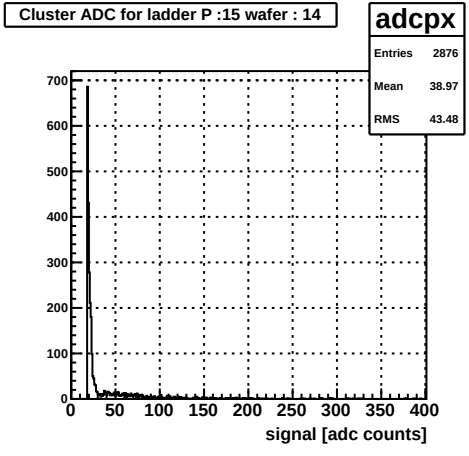

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 4799
Mean 32.84
RMS 37.25
signal [adc counts]

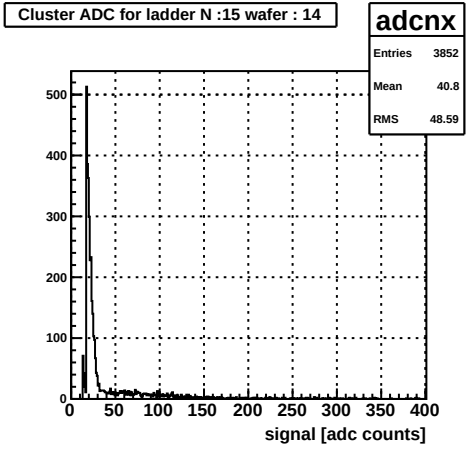

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 6436
Mean 30.04
RMS 36.65
signal [adc counts]

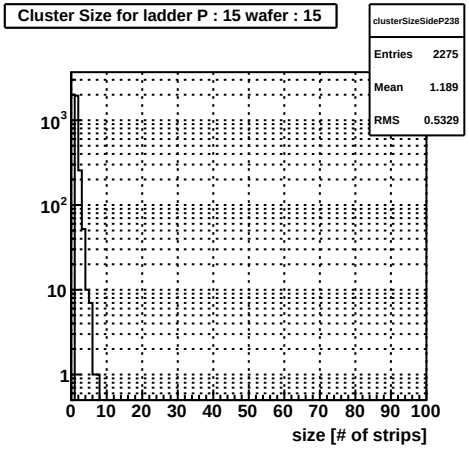

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 2876
Mean 1.163
RMS 0.4998
size [# of strips]

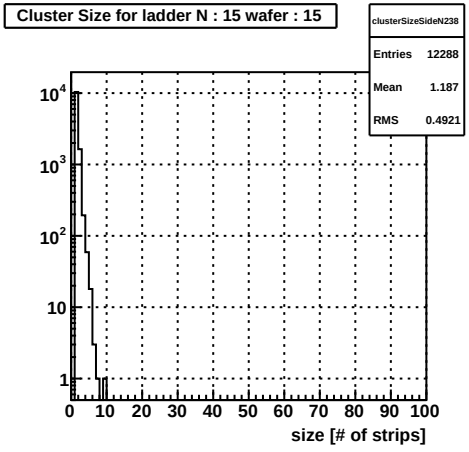

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 3852
Mean 1.206
RMS 0.6219
size [# of strips]

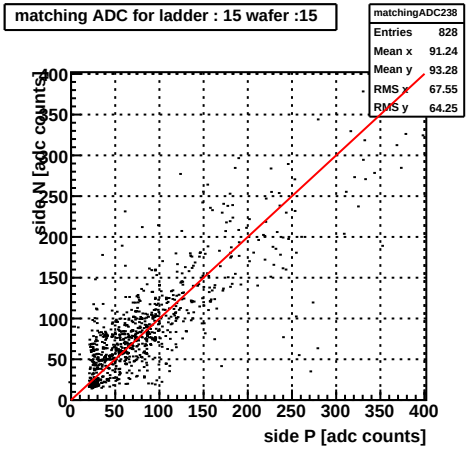

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 753
Mean x 91.82
Mean y 88.31
RMS x 68.48
RMS y 65.6
side N [adc counts]
side P [adc counts]

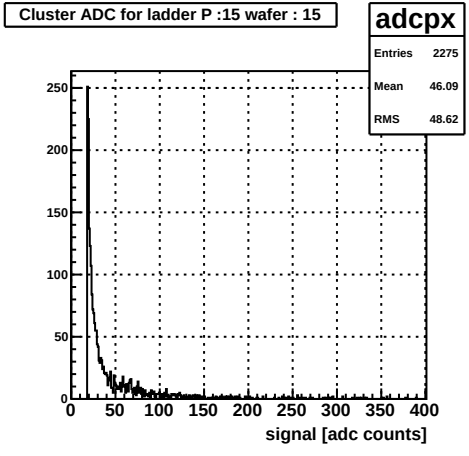

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 2876
Mean 38.97
RMS 43.48
signal [adc counts]

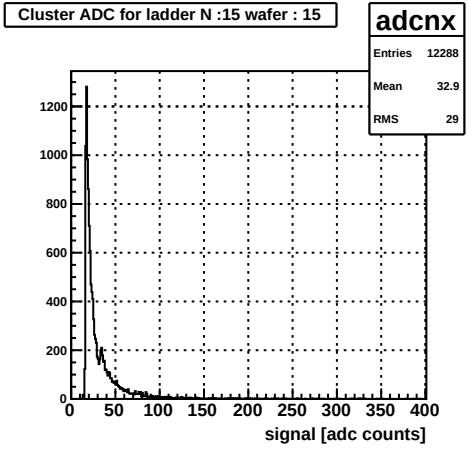

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 3852
Mean 40.8
RMS 48.59
signal [adc counts]

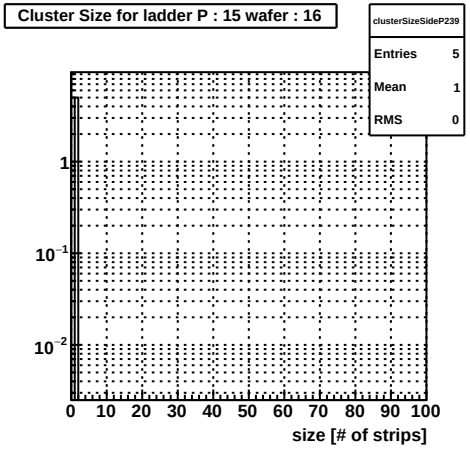

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 2275
Mean 1.189
RMS 0.5329
size [# of strips]

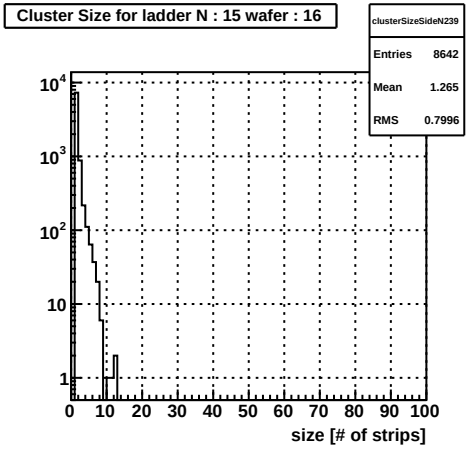

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 12288
Mean 1.187
RMS 0.4921
size [# of strips]

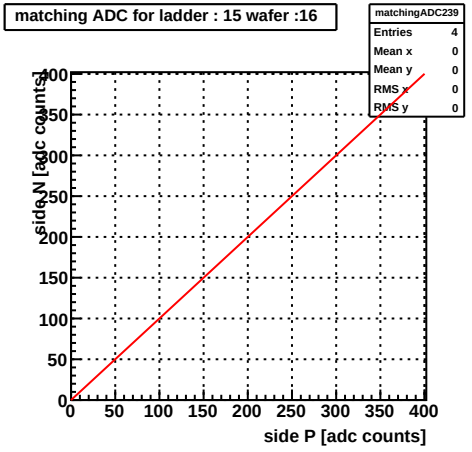

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 828
Mean x 91.24
Mean y 93.28
RMS x 67.55
RMS y 64.25
side N [adc counts]
side P [adc counts]

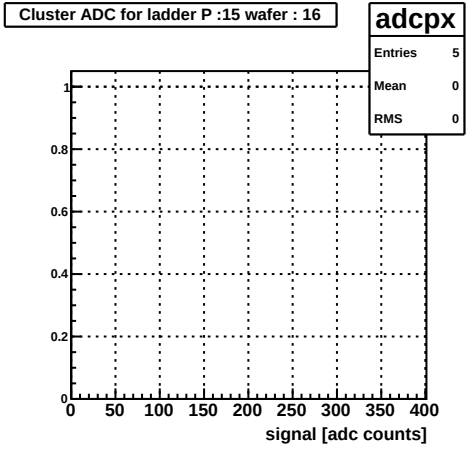

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 2275
Mean 46.09
RMS 48.62
signal [adc counts]

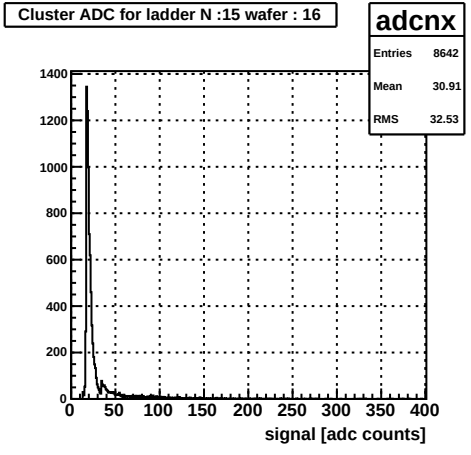

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 12288
Mean 32.9
RMS 29
signal [adc counts]

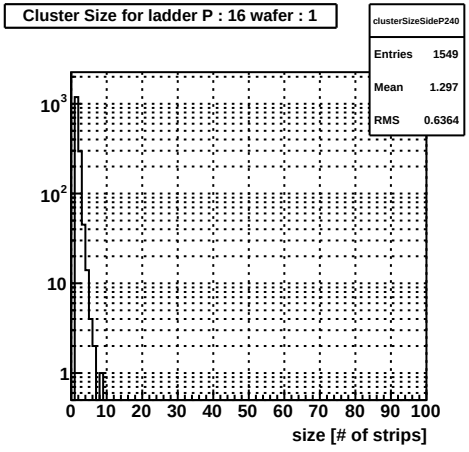

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 5
Mean 1
RMS 0
size [# of strips]

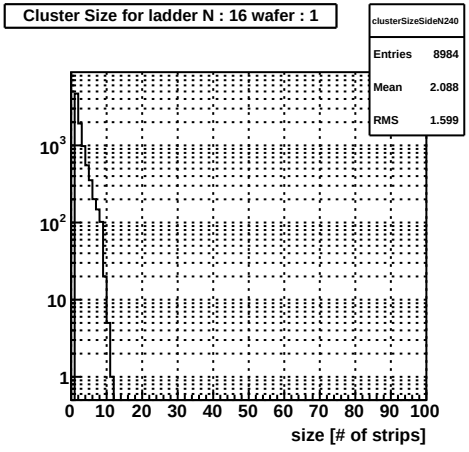

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 8642
Mean 1.265
RMS 0.7996
size [# of strips]

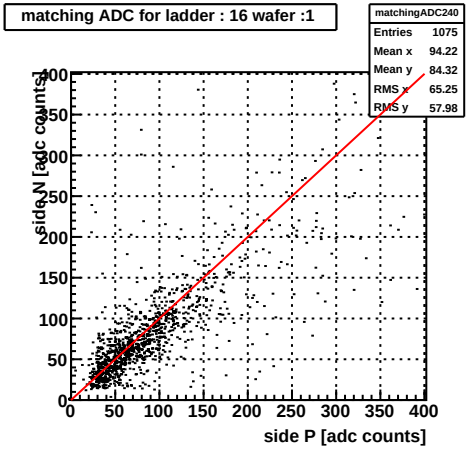

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

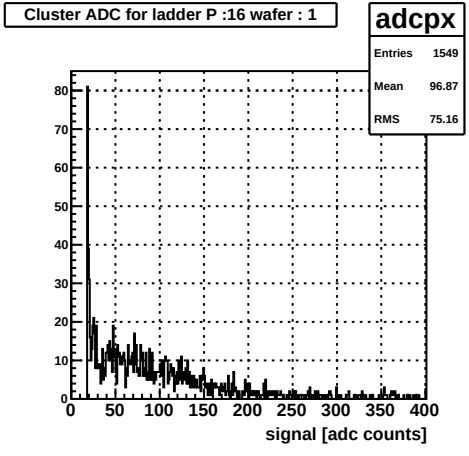

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 5
Mean 0
RMS 0
signal [adc counts]

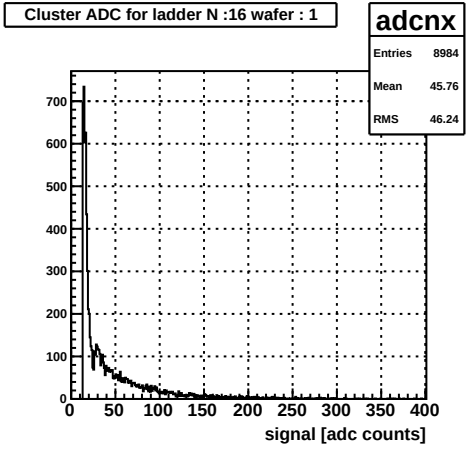

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 8642
Mean 30.91
RMS 32.53
signal [adc counts]

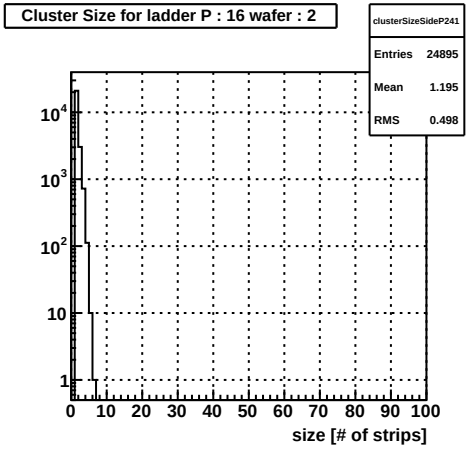

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 1549
Mean 1.297
RMS 0.6364
size [# of strips]

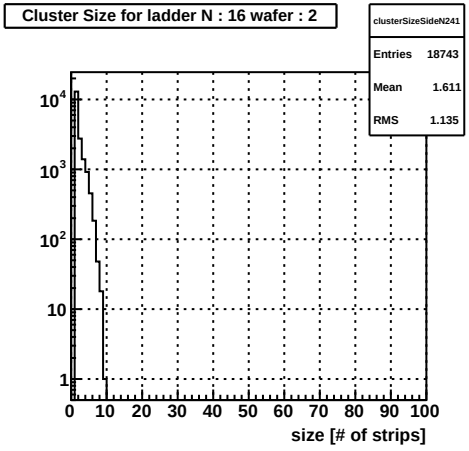

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 8984
Mean 2.088
RMS 1.599
size [# of strips]

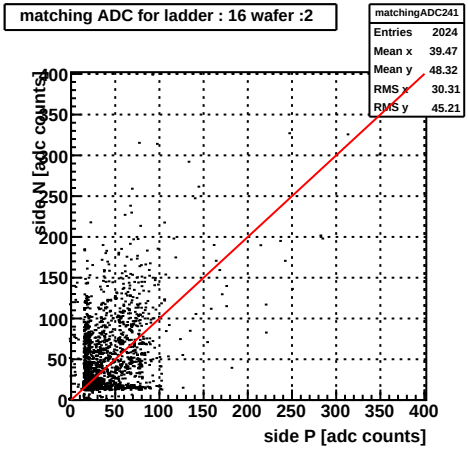

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 1075
Mean x 94.22
Mean y 84.32
RMS x 65.25
RMS y 57.98
side N [adc counts]
side P [adc counts]

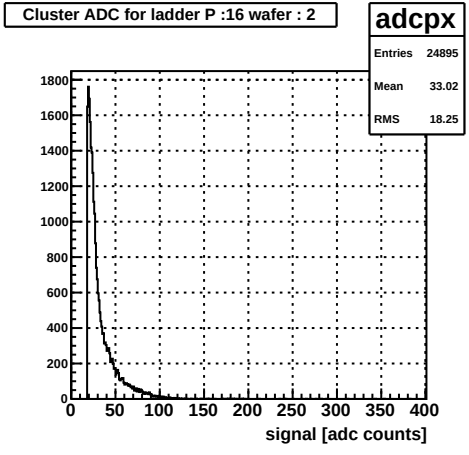

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 1549
Mean 96.87
RMS 75.16
signal [adc counts]

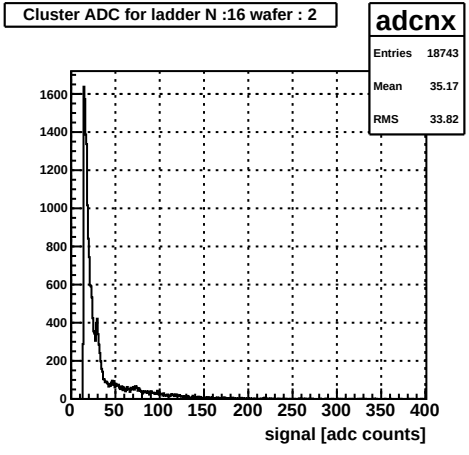

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 8984
Mean 45.76
RMS 46.24
signal [adc counts]

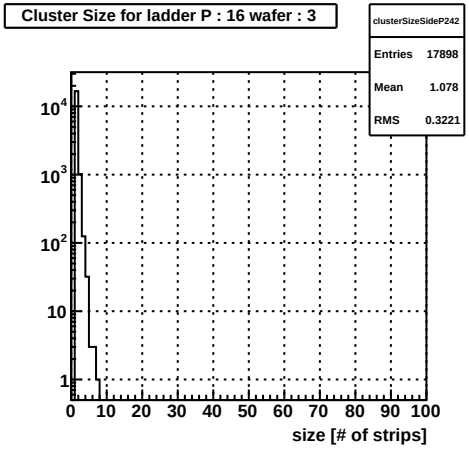

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 24895
Mean 1.195
RMS 0.498
size [# of strips]

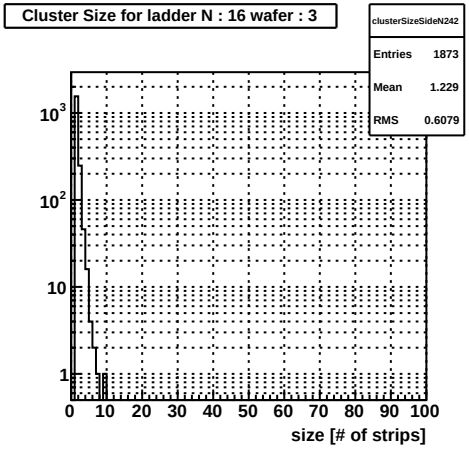

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 18743
Mean 1.611
RMS 1.135
size [# of strips]

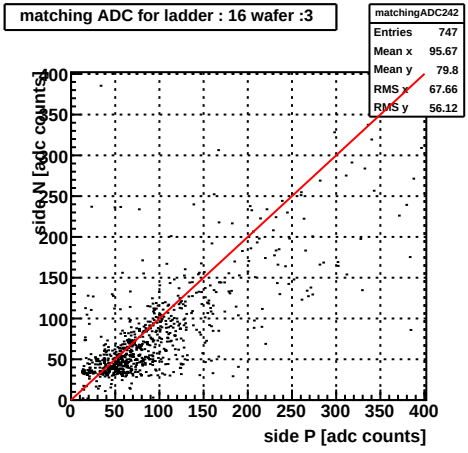

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 2024
Mean x 39.47
Mean y 48.32
RMS x 30.31
RMS y 45.21
side N [adc counts]
side P [adc counts]

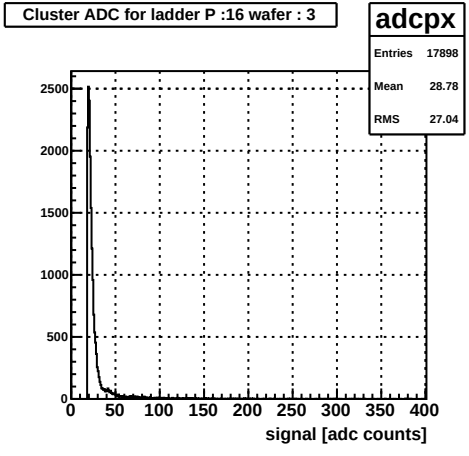

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 24895
Mean 33.02
RMS 18.25
signal [adc counts]

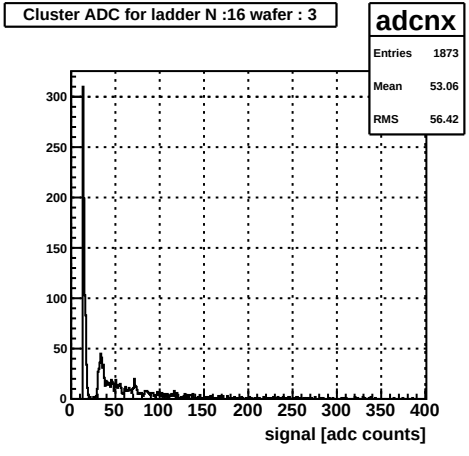

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 18743
Mean 35.17
RMS 33.82
signal [adc counts]

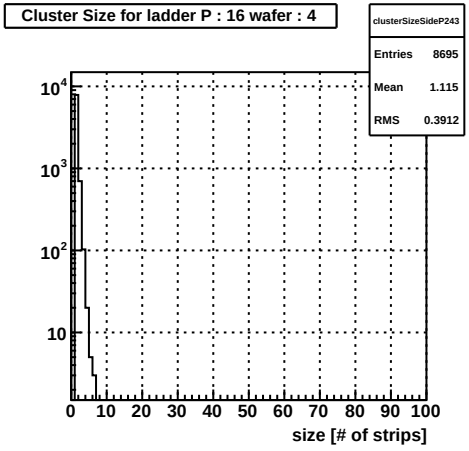

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 17898
Mean 1.078
RMS 0.3221
size [# of strips]

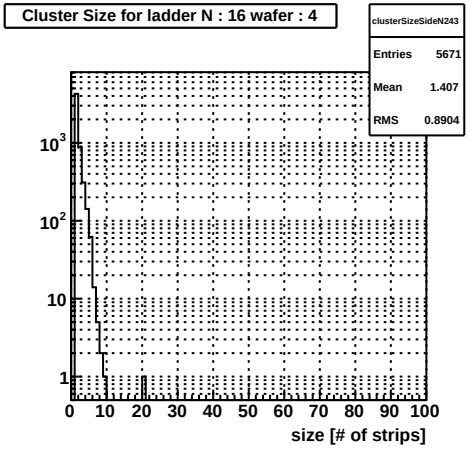

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 1873
Mean 1.229
RMS 0.6079
size [# of strips]

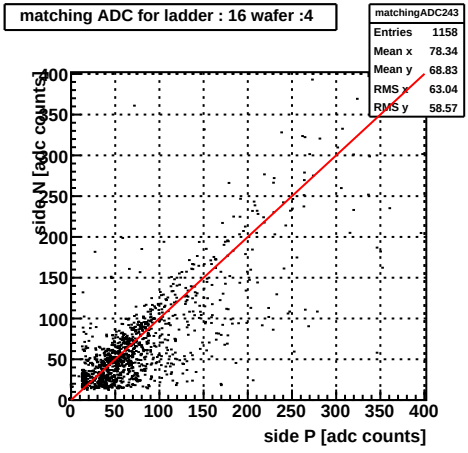

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 747
Mean x 95.67
Mean y 79.8
RMS x 67.66
RMS y 56.12
side N [adc counts]
side P [adc counts]

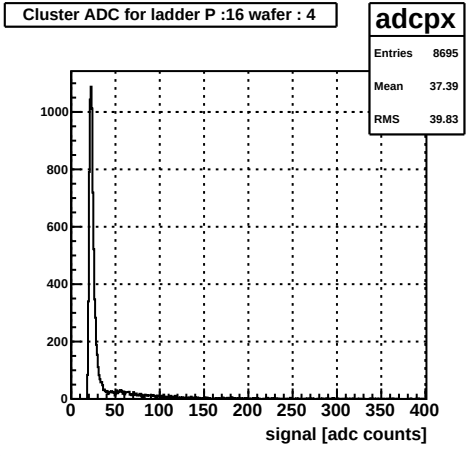

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 17898
Mean 28.78
RMS 27.04
signal [adc counts]

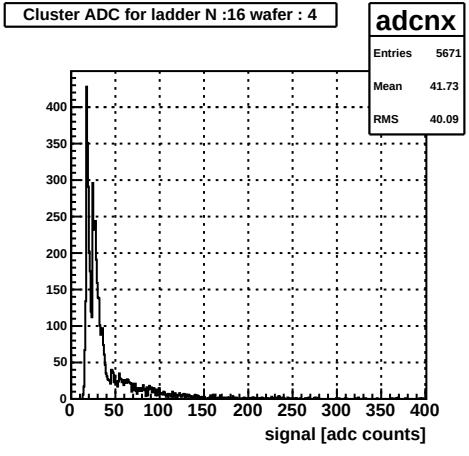

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 1873
Mean 53.06
RMS 56.42
signal [adc counts]

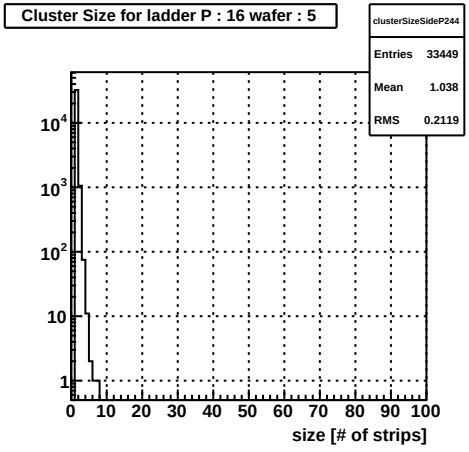

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 8695
Mean 1.115
RMS 0.3912
size [# of strips]

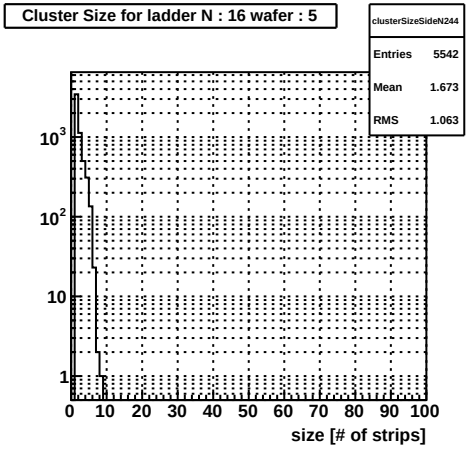

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 5671
Mean 1.407
RMS 0.8904
size [# of strips]

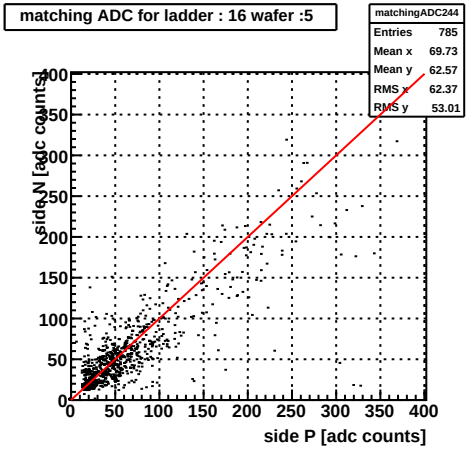

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 1158
Mean x 78.34
Mean y 68.83
RMS x 63.04
RMS y 58.57
side N [adc counts]
side P [adc counts]

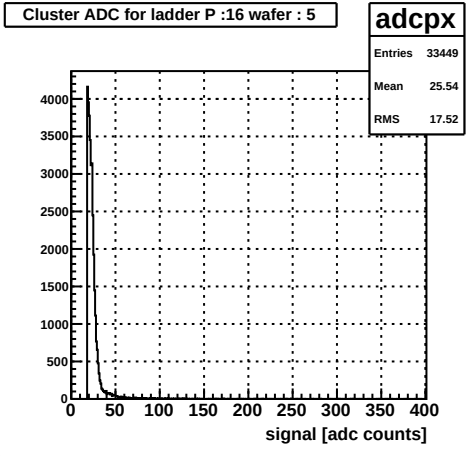

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 8695
Mean 37.39
RMS 39.83
signal [adc counts]

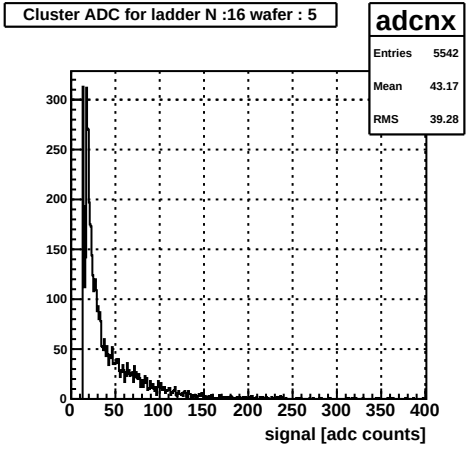

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 5671
Mean 41.73
RMS 40.09
signal [adc counts]

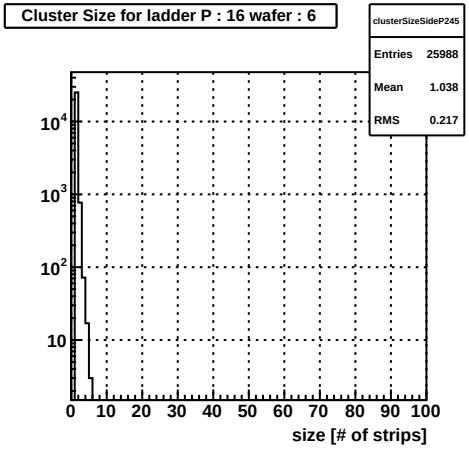

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 33449
Mean 1.038
RMS 0.2119
size [# of strips]

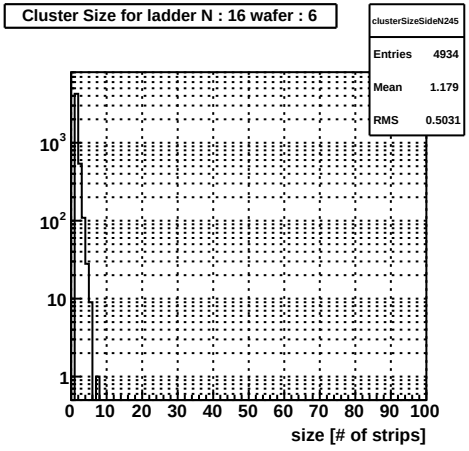

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 5542
Mean 1.673
RMS 1.063
size [# of strips]

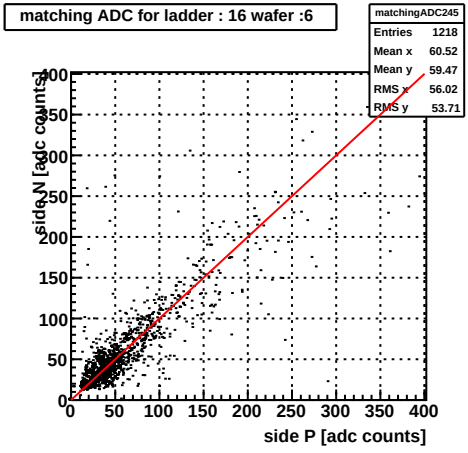

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 785
Mean x 69.73
Mean y 62.57
RMS x 62.37
RMS y 53.01
side N [adc counts]
side P [adc counts]

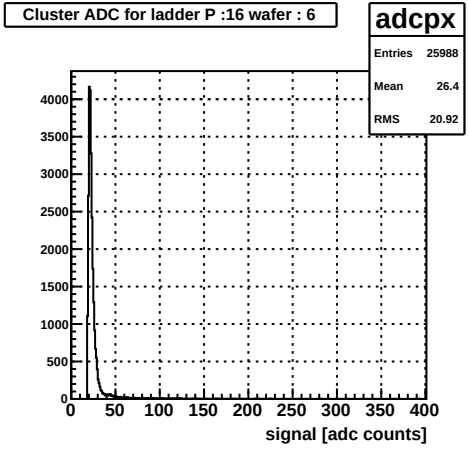

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 33449
Mean 25.54
RMS 17.52
signal [adc counts]

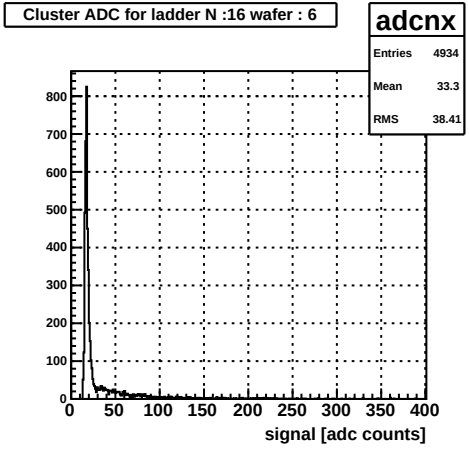

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 5542
Mean 43.17
RMS 39.28
signal [adc counts]

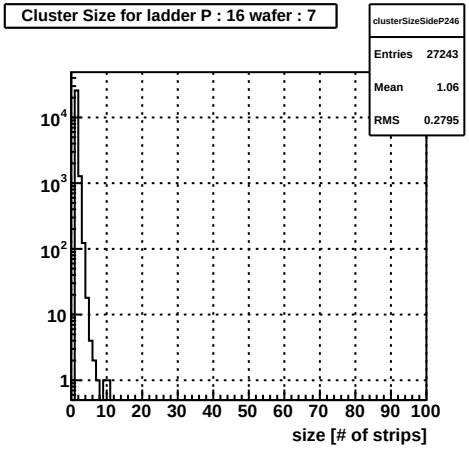

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 25988
Mean 1.038
RMS 0.217
size [# of strips]

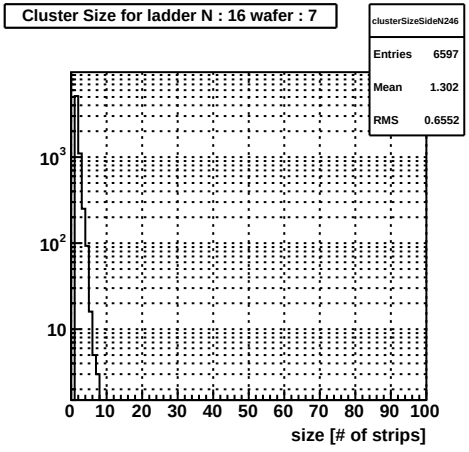

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 4934
Mean 1.179
RMS 0.5031
size [# of strips]

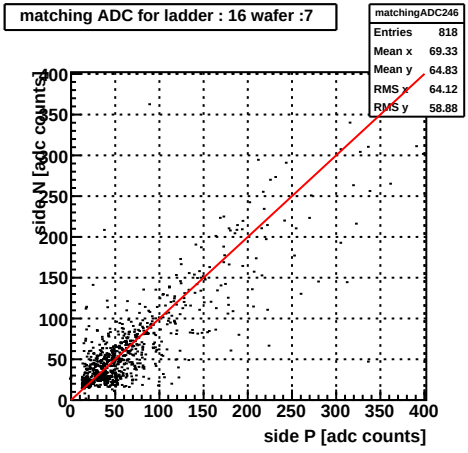

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 1218
Mean x 60.52
Mean y 59.47
RMS x 56.02
RMS y 53.71
side N [adc counts]
side P [adc counts]

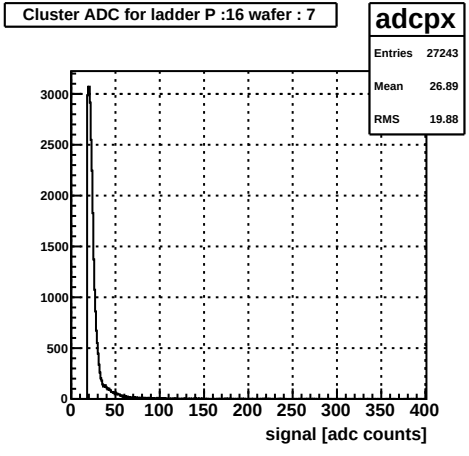

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 25988
Mean 26.4
RMS 20.92
signal [adc counts]

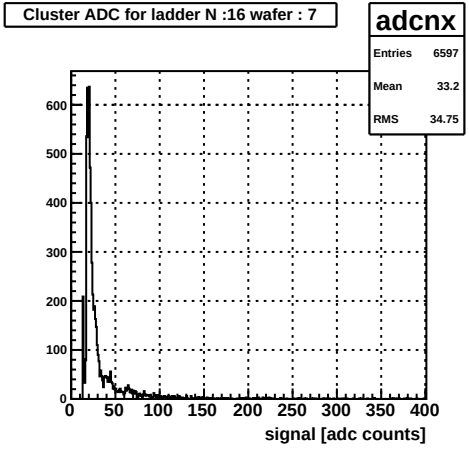

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 4934
Mean 33.3
RMS 38.41
signal [adc counts]

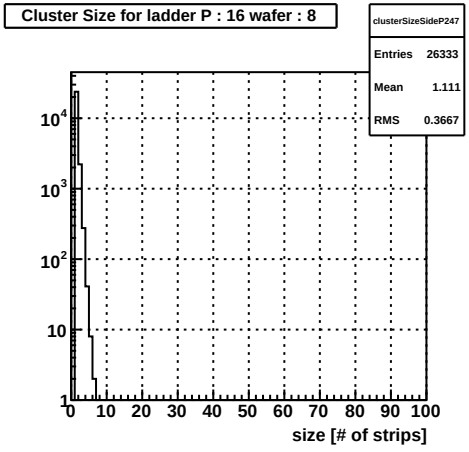

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 27243
Mean 1.06
RMS 0.2795
size [# of strips]

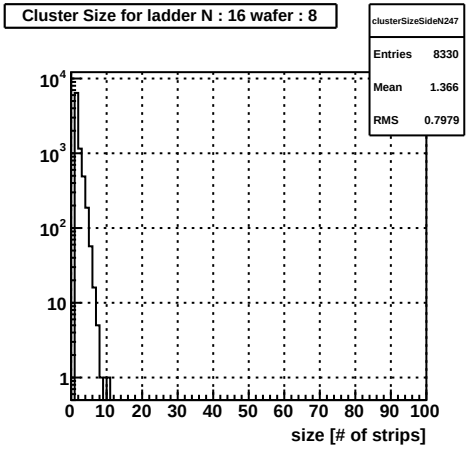

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 6597
Mean 1.302
RMS 0.6552
size [# of strips]

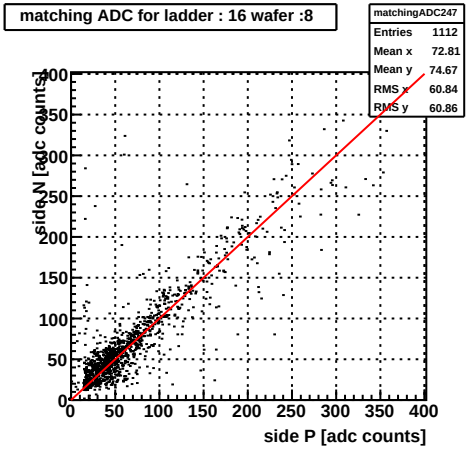

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 818
Mean x 69.33
Mean y 64.83
RMS x 64.12
RMS y 58.88
side N [adc counts]
side P [adc counts]

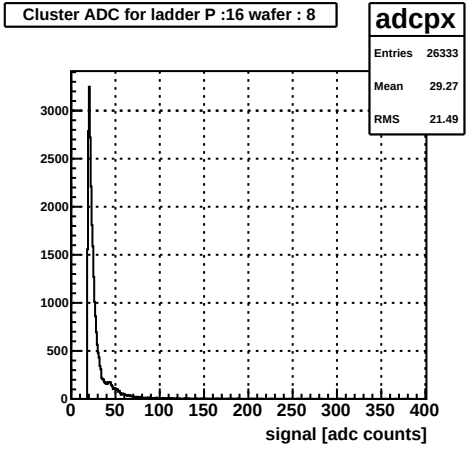

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 27243
Mean 26.89
RMS 19.88
signal [adc counts]

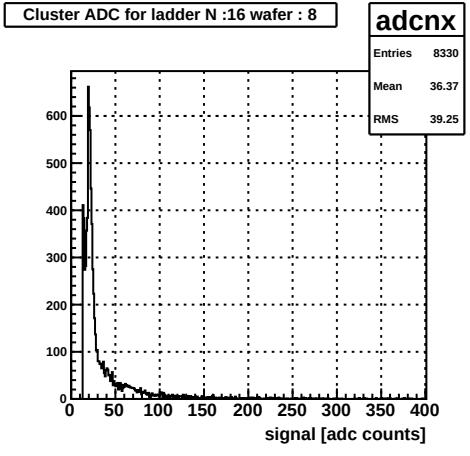

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 6597
Mean 33.2
RMS 34.75
signal [adc counts]

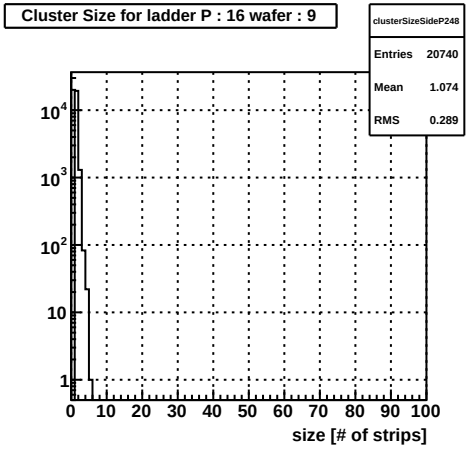

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 26333
Mean 1.111
RMS 0.3667
size [# of strips]

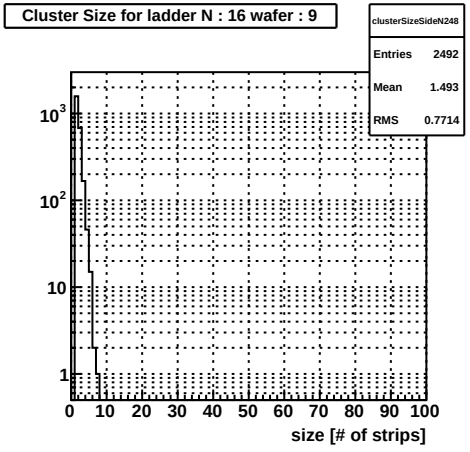

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 8330
Mean 1.366
RMS 0.7979
size [# of strips]

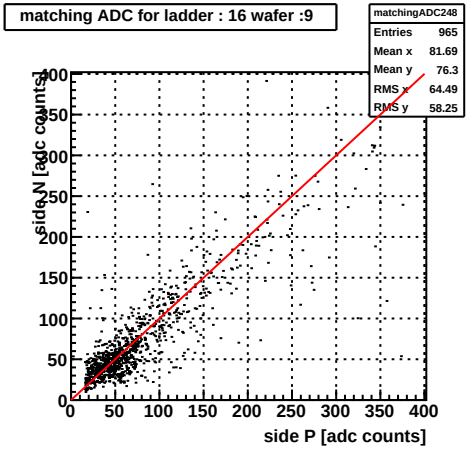

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 1112
Mean x 72.81
Mean y 74.67
RMS x 60.84
RMS y 60.86
side N [adc counts]
side P [adc counts]

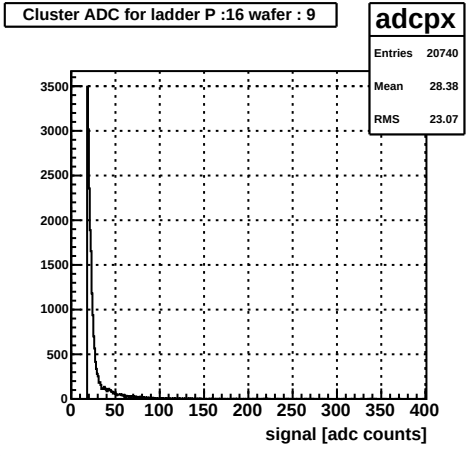

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 26333
Mean 29.27
RMS 21.49
signal [adc counts]

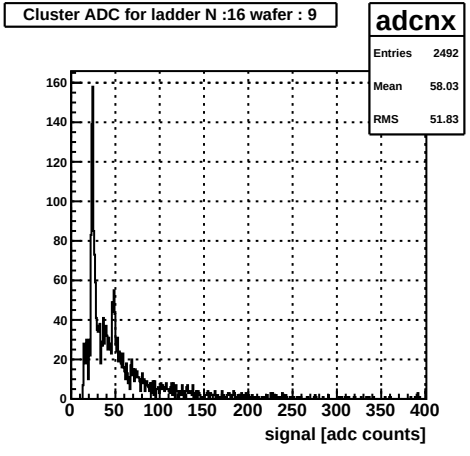

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 8330
Mean 36.37
RMS 39.25
signal [adc counts]

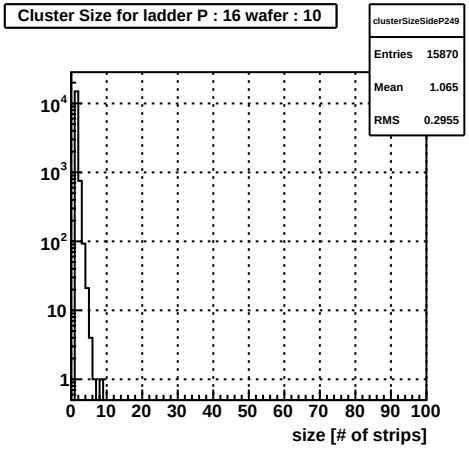

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 20740
Mean 1.074
RMS 0.289
size [# of strips]

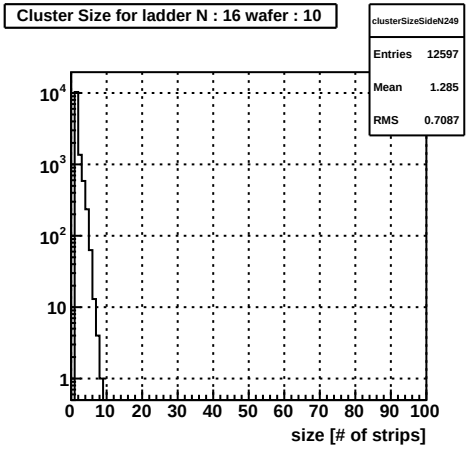

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 2492
Mean 1.493
RMS 0.7714
size [# of strips]

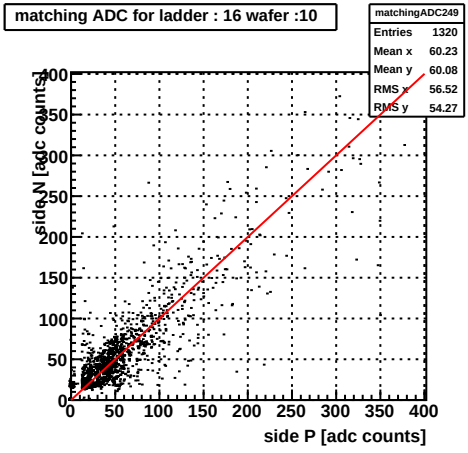

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 965
Mean x 81.69
Mean y 76.3
RMS x 64.49
RMS y 58.25
side N [adc counts]
side P [adc counts]

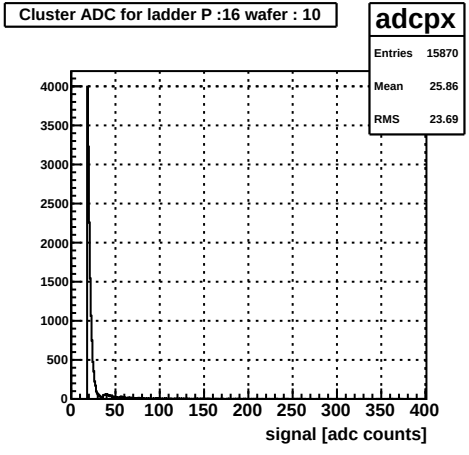

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 20740
Mean 28.38
RMS 23.07
signal [adc counts]

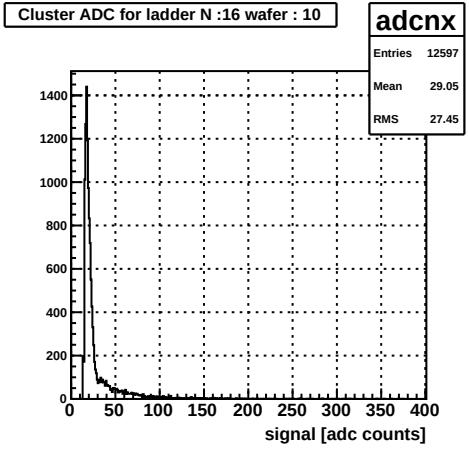

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 2492
Mean 58.03
RMS 51.83
signal [adc counts]

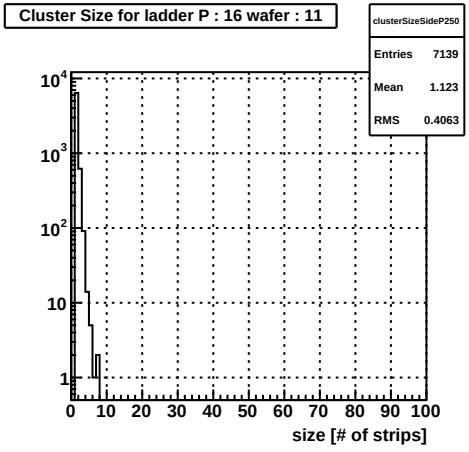

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 15870
Mean 1.065
RMS 0.2955
size [# of strips]

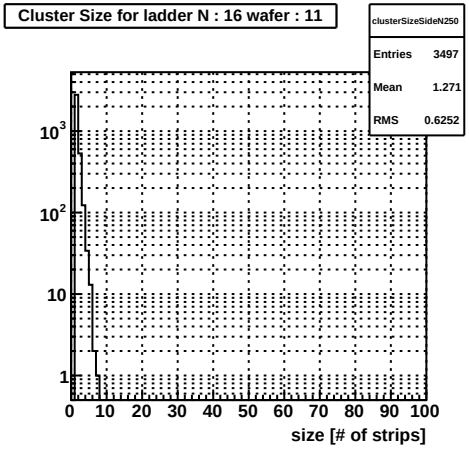

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 12597
Mean 1.285
RMS 0.7087
size [# of strips]

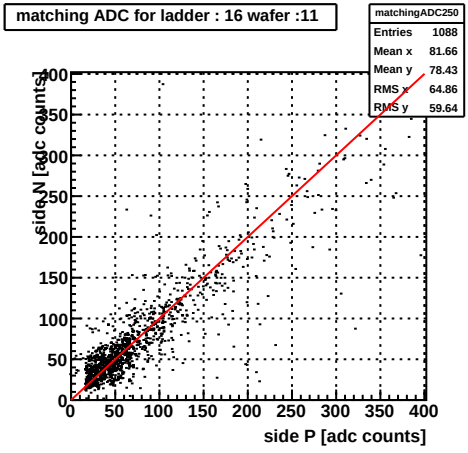

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 1320
Mean x 60.23
Mean y 60.08
RMS x 56.52
RMS y 54.27
side N [adc counts]
side P [adc counts]

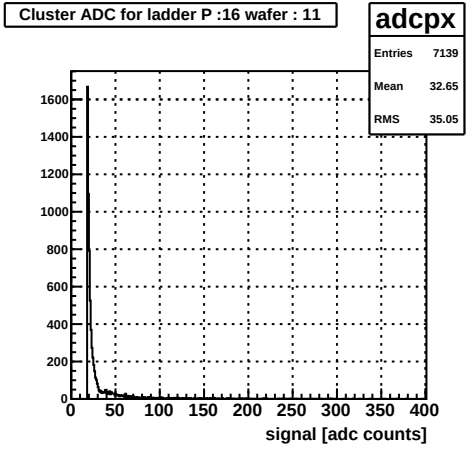

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 15870
Mean 25.86
RMS 23.69
signal [adc counts]

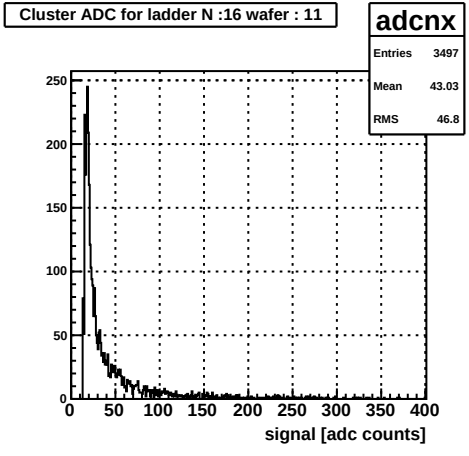

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 12597
Mean 29.05
RMS 27.45
signal [adc counts]

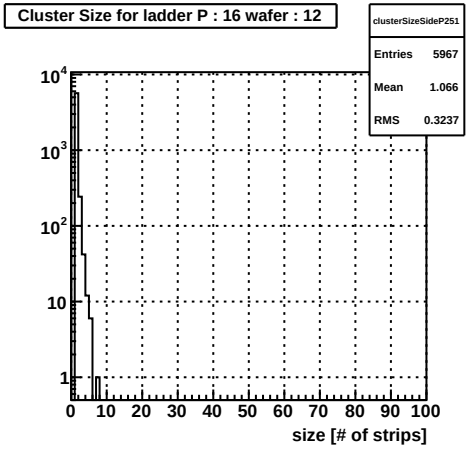

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 7139
Mean 1.123
RMS 0.4063
size [# of strips]

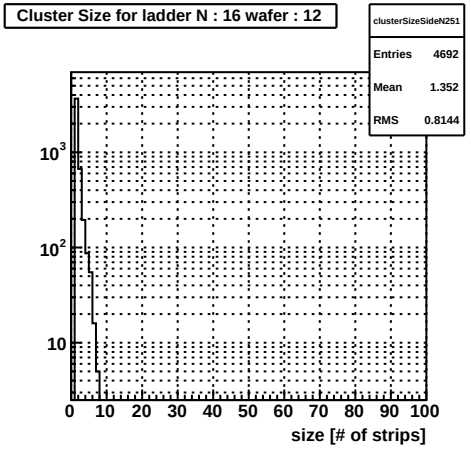

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 3497
Mean 1.271
RMS 0.6252
size [# of strips]

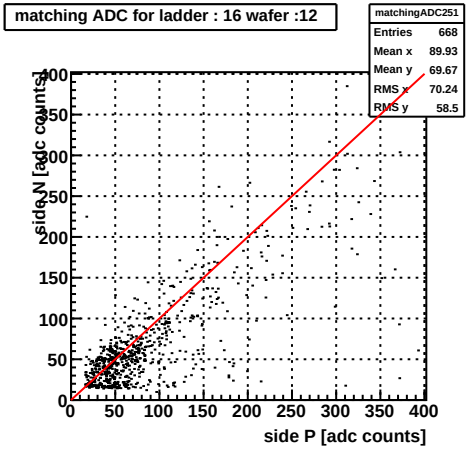

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 1088
Mean x 81.66
Mean y 78.43
RMS x 64.86
RMS y 59.64
side N [adc counts]
side P [adc counts]

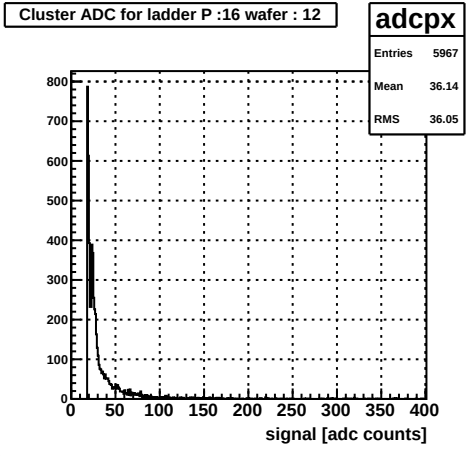

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 7139
Mean 32.65
RMS 35.05
signal [adc counts]

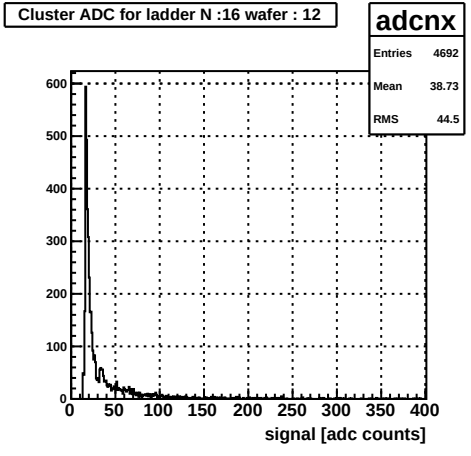

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 3497
Mean 43.03
RMS 46.8
signal [adc counts]

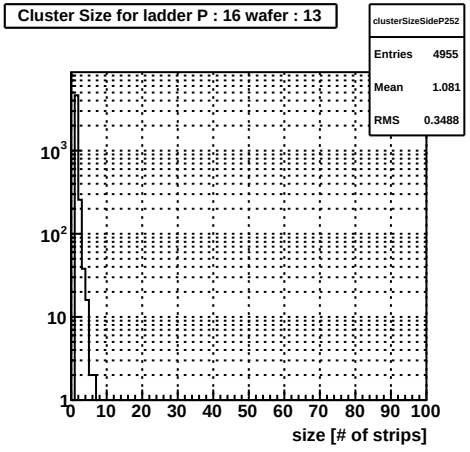

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 5967
Mean 1.066
RMS 0.3237
size [# of strips]

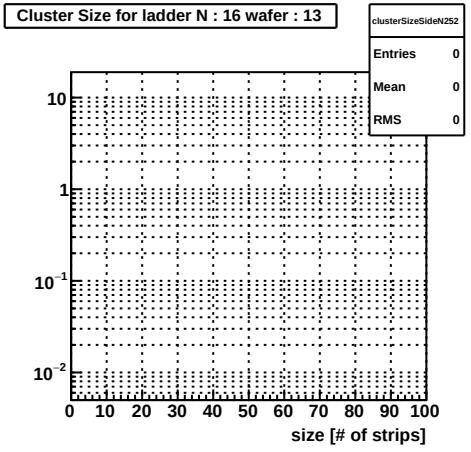

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 4692
Mean 1.352
RMS 0.8144
size [# of strips]

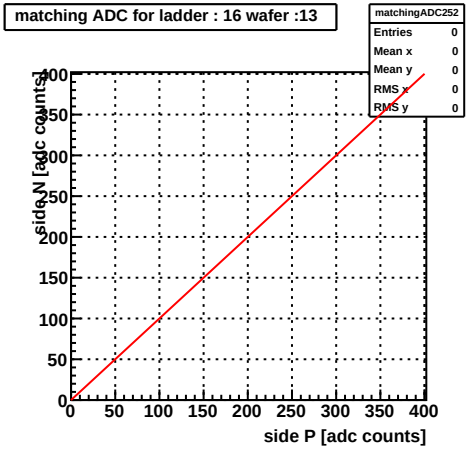

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 668
Mean x 89.93
Mean y 69.67
RMS x 70.24
RMS y 58.5
side N [adc counts]
side P [adc counts]

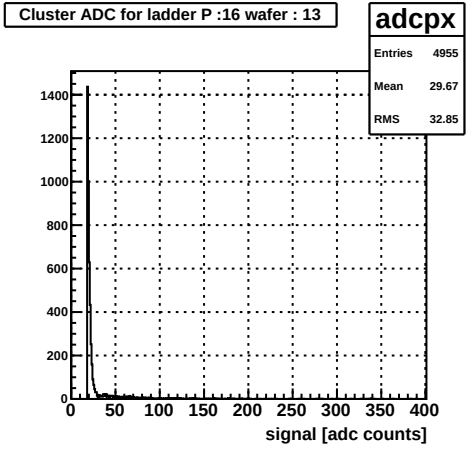

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 5967
Mean 36.14
RMS 36.05
signal [adc counts]

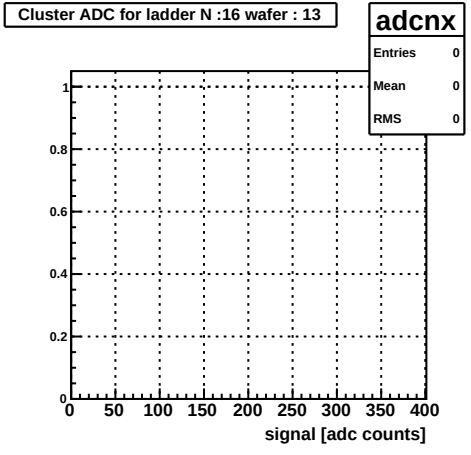

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 4692
Mean 38.73
RMS 44.5
signal [adc counts]

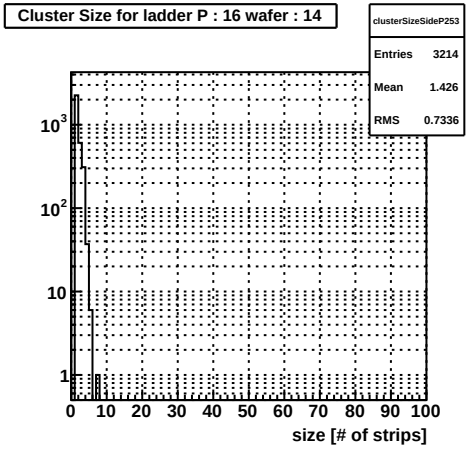

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 4955
Mean 1.081
RMS 0.3488
size [# of strips]

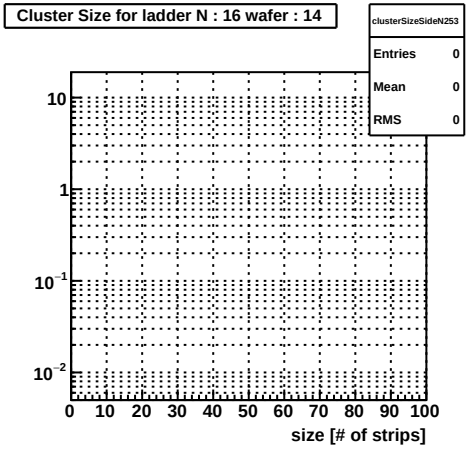

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

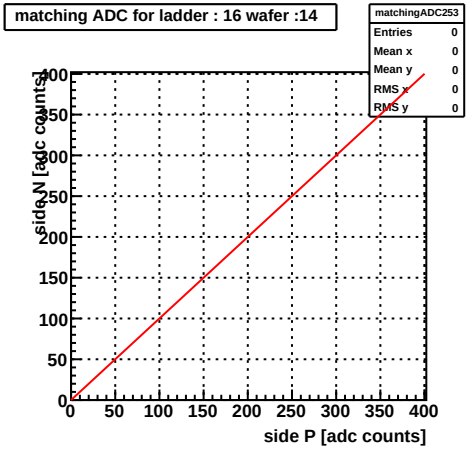

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

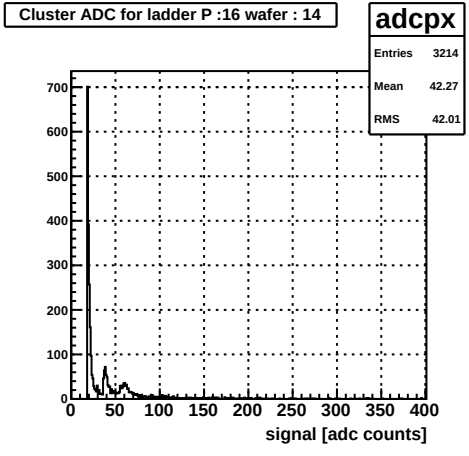

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 4955
Mean 29.67
RMS 32.85
signal [adc counts]

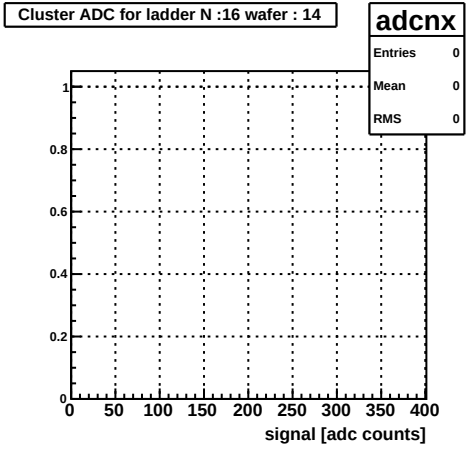

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

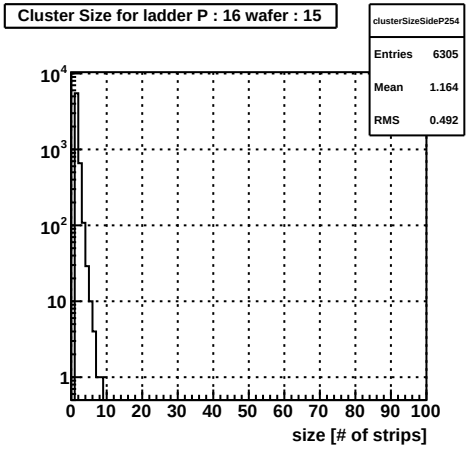

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 3214
Mean 1.426
RMS 0.7336
size [# of strips]

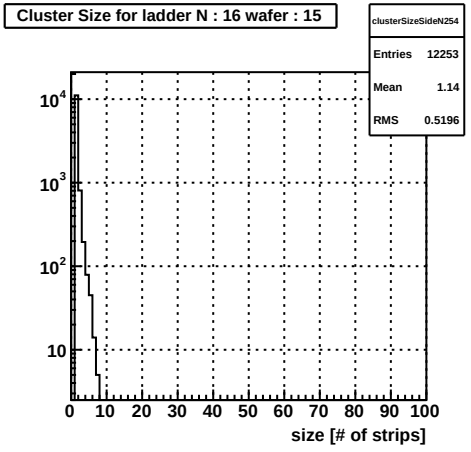

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

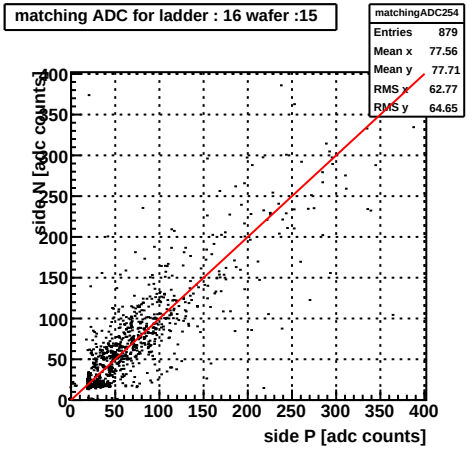

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

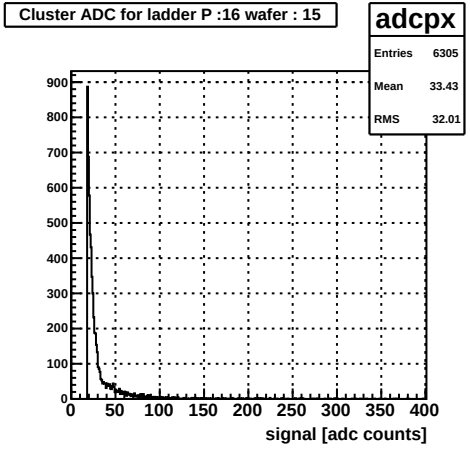

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 3214
Mean 42.27
RMS 42.01
signal [adc counts]

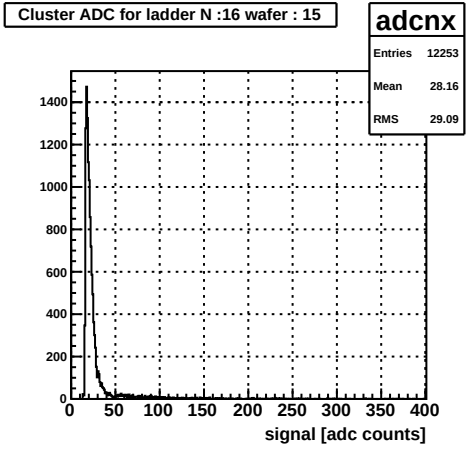

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

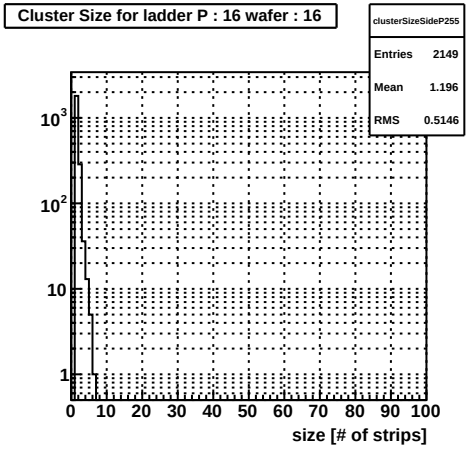

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 6305
Mean 1.164
RMS 0.492
size [# of strips]

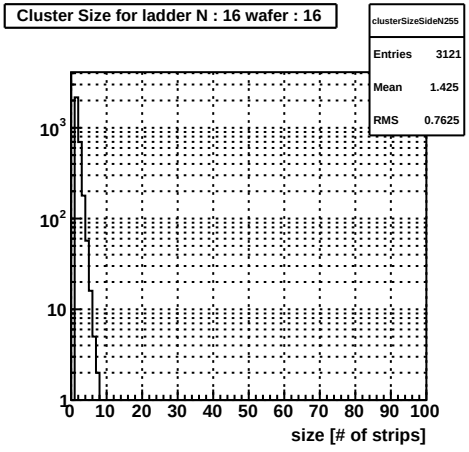

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 12253
Mean 1.14
RMS 0.5196
size [# of strips]

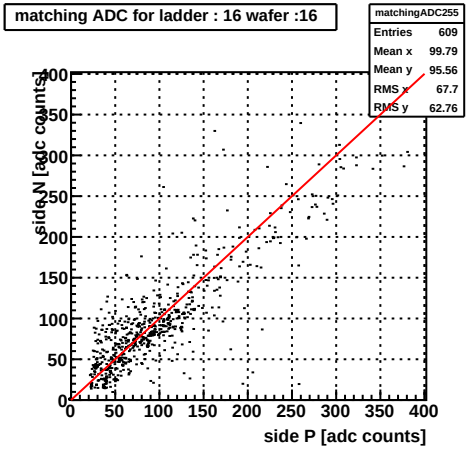

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 879
Mean x 77.56
Mean y 77.71
RMS x 62.77
RMS y 64.65
side N [adc counts]
side P [adc counts]

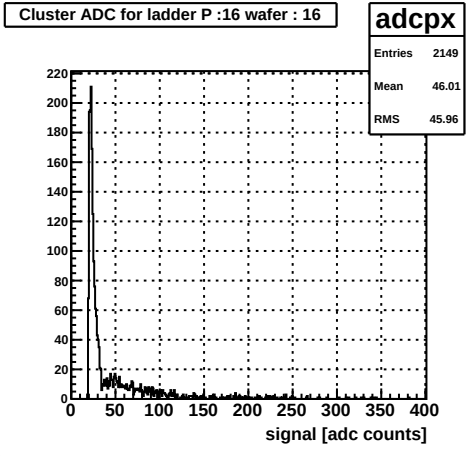

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 6305
Mean 33.43
RMS 32.01
signal [adc counts]

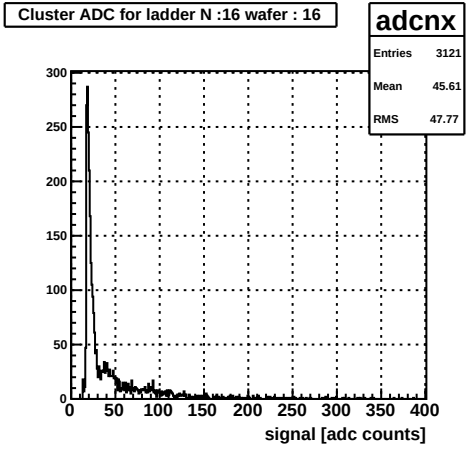

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 12253
Mean 28.16
RMS 29.09
signal [adc counts]

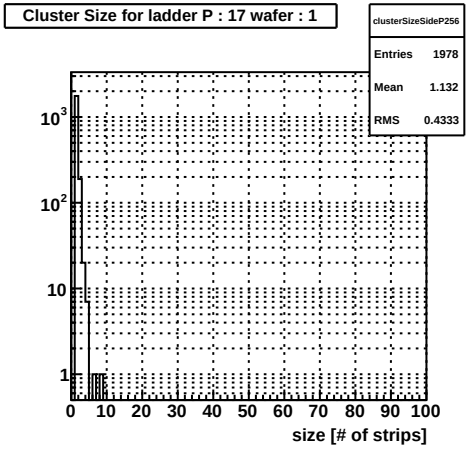

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 2149
Mean 1.196
RMS 0.5146
size [# of strips]

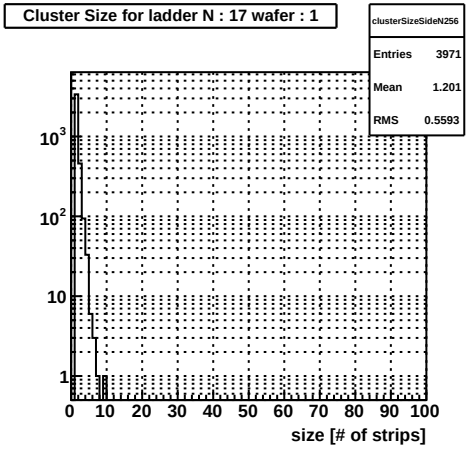

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 3121
Mean 1.425
RMS 0.7625
size [# of strips]

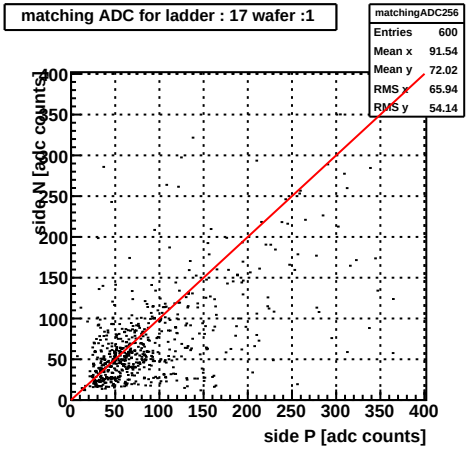

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 609
Mean x 99.79
Mean y 95.56
RMS x 67.7
RMS y 62.76
side N [adc counts]
side P [adc counts]

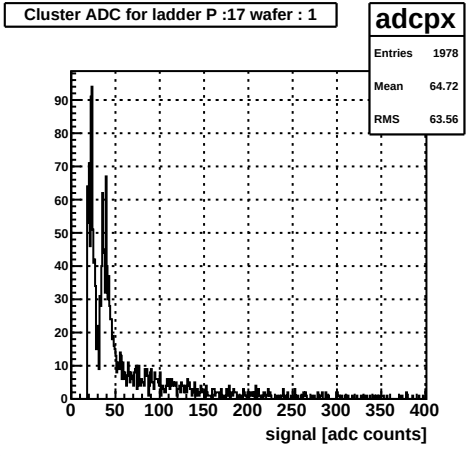

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 2149
Mean 46.01
RMS 45.96
signal [adc counts]

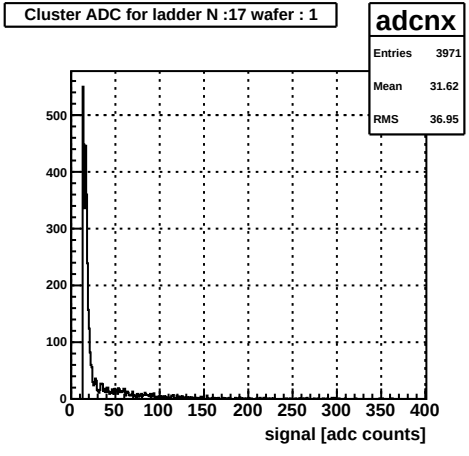

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 3121
Mean 45.61
RMS 47.77
signal [adc counts]

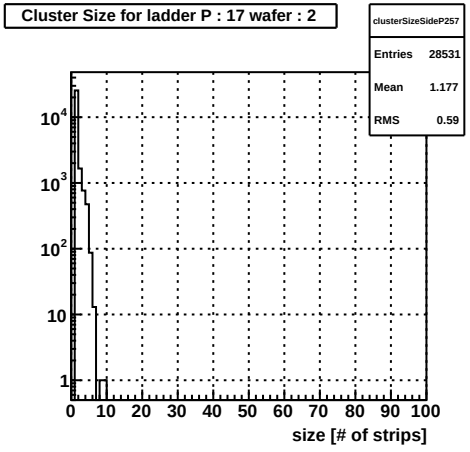

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 1978
Mean 1.132
RMS 0.4333
size [# of strips]

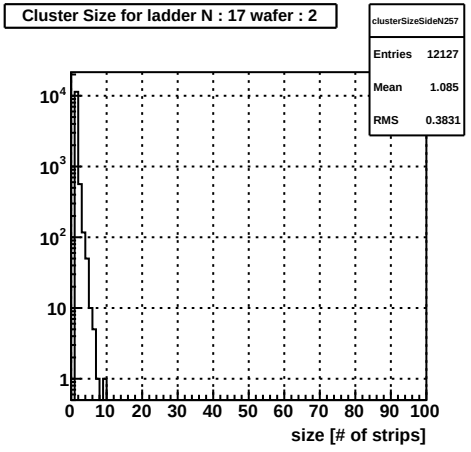

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 3971
Mean 1.201
RMS 0.5593
size [# of strips]

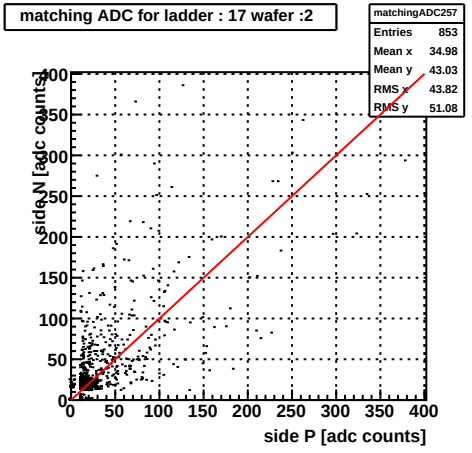

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 600
Mean x 91.54
Mean y 72.02
RMS x 65.94
RMS y 54.14
side N [adc counts]
side P [adc counts]

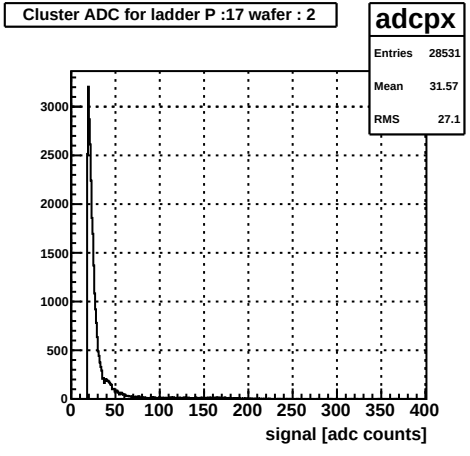

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 1978
Mean 64.72
RMS 63.56
signal [adc counts]

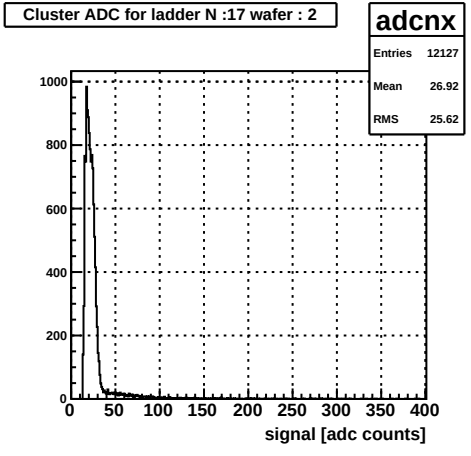

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 3971
Mean 31.62
RMS 36.95
signal [adc counts]

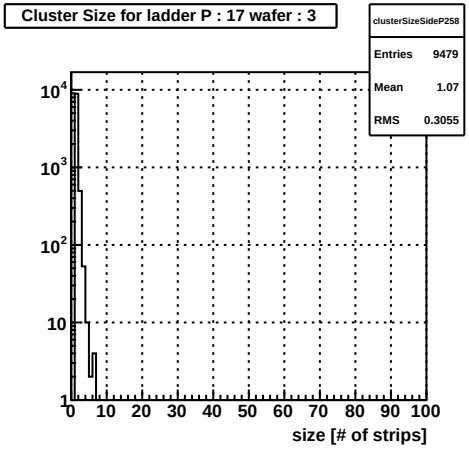

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 28531
Mean 1.177
RMS 0.59
size [# of strips]

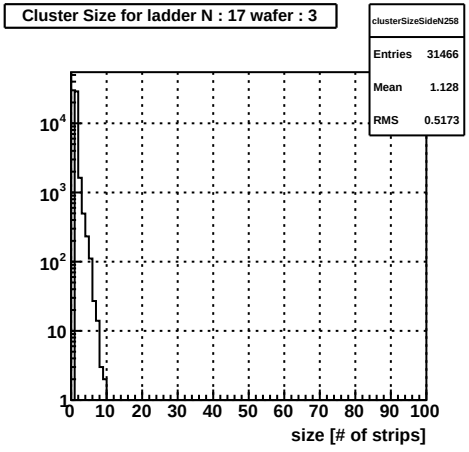

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 12127
Mean 1.085
RMS 0.3831
size [# of strips]

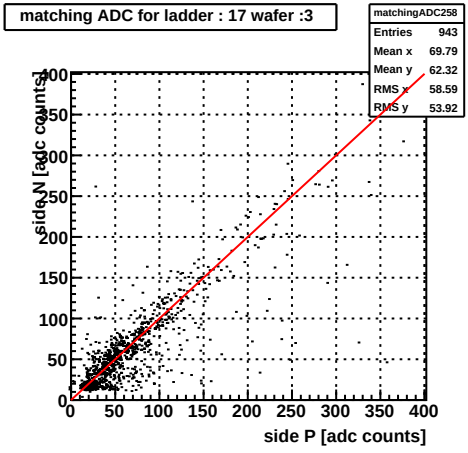

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 853
Mean x 34.98
Mean y 43.03
RMS x 43.82
RMS y 51.08
side N [adc counts]
side P [adc counts]

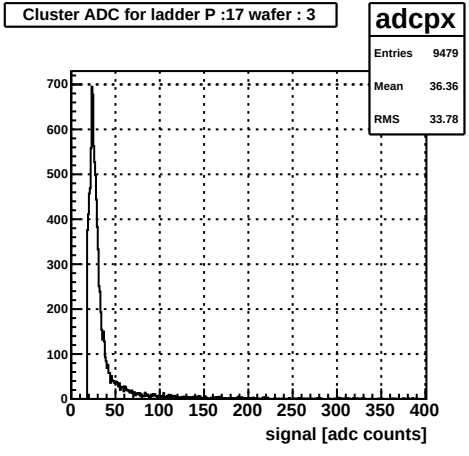

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 28531
Mean 31.57
RMS 27.1
signal [adc counts]

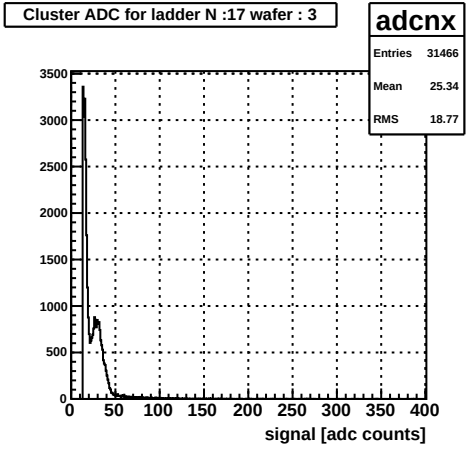

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 12127
Mean 26.92
RMS 25.62
signal [adc counts]

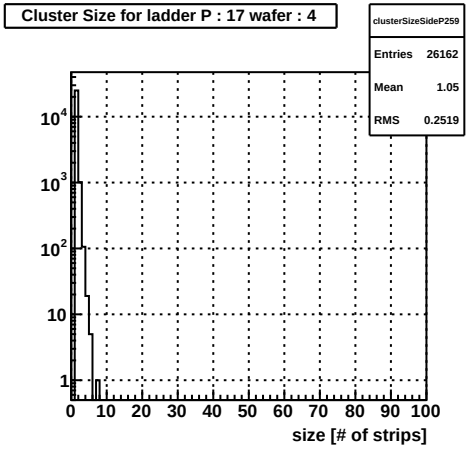

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 9479
Mean 1.07
RMS 0.3055
size [# of strips]

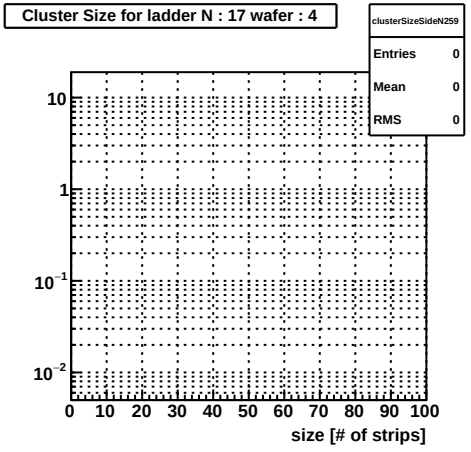

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 31466
Mean 1.128
RMS 0.5173
size [# of strips]

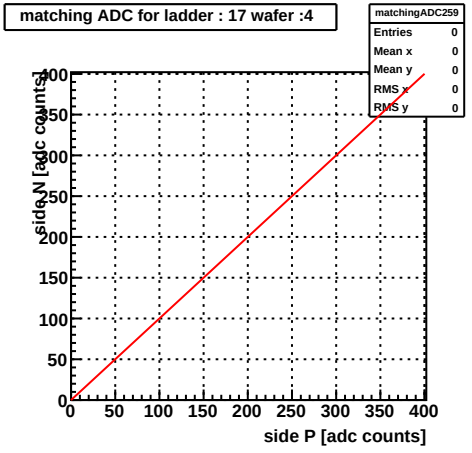

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 943
Mean x 69.79
Mean y 62.32
RMS x 58.59
RMS y 53.92
side N [adc counts]
side P [adc counts]

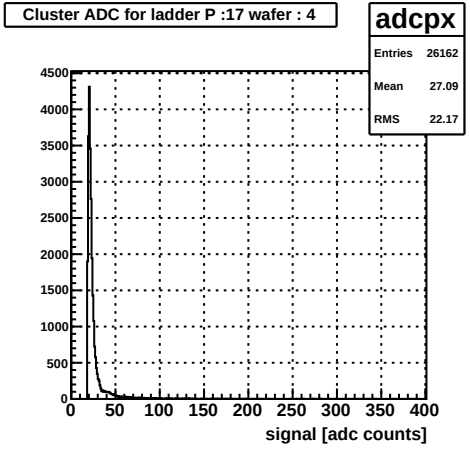

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 9479
Mean 36.36
RMS 33.78
signal [adc counts]

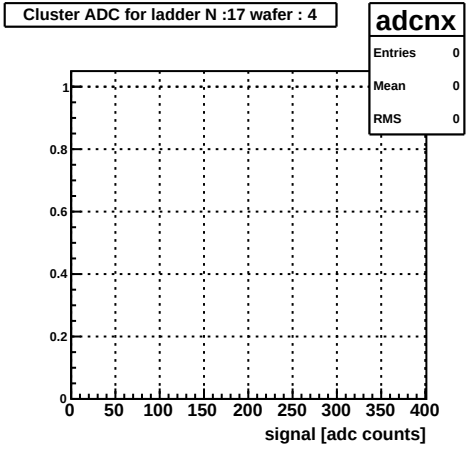

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 31466
Mean 25.34
RMS 18.77
signal [adc counts]

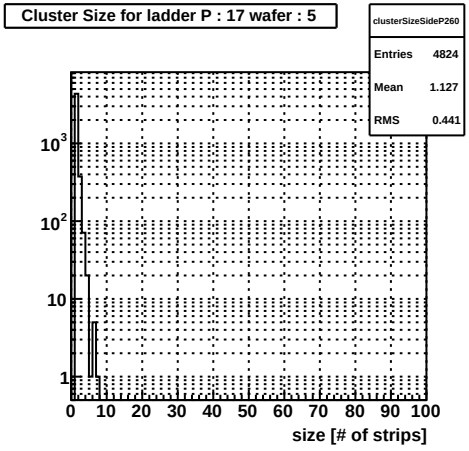

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 26162
Mean 1.05
RMS 0.2519
size [# of strips]

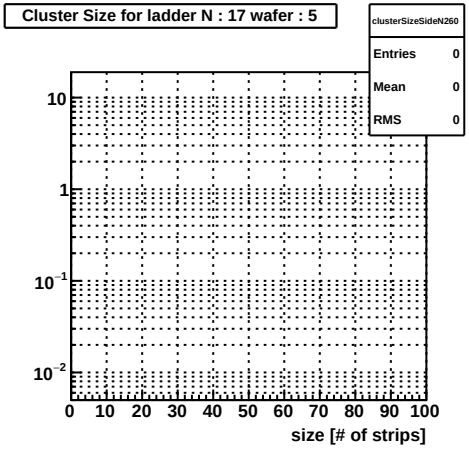

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

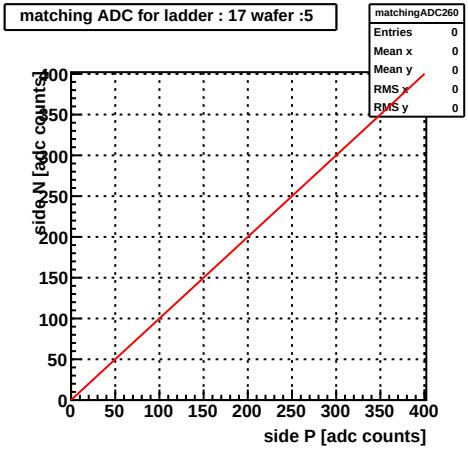

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

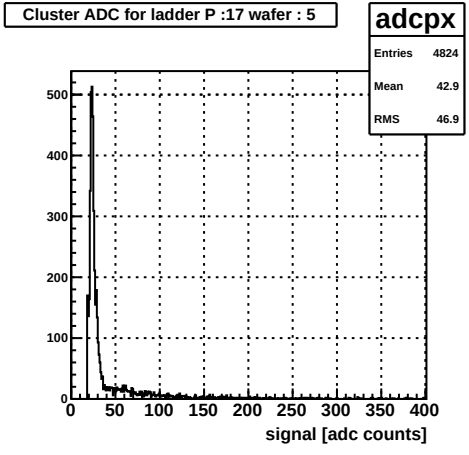

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 26162
Mean 27.09
RMS 22.17
signal [adc counts]

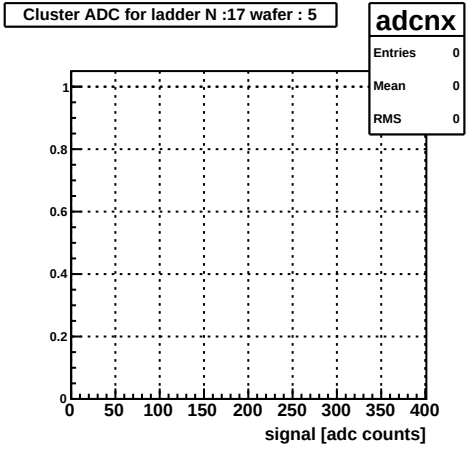

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

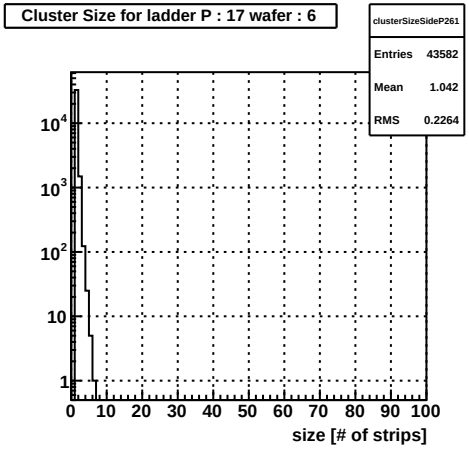

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 4824
Mean 1.127
RMS 0.441
size [# of strips]

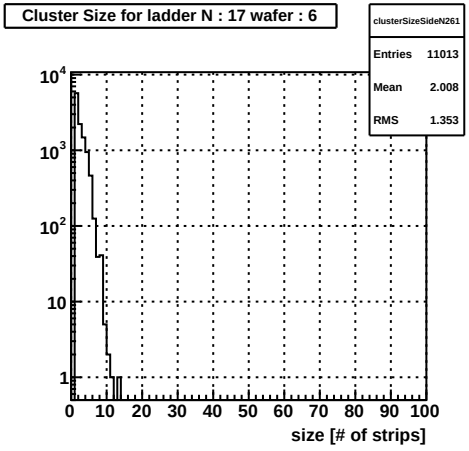

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

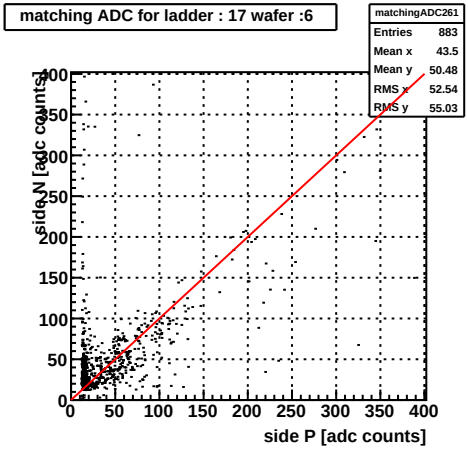

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

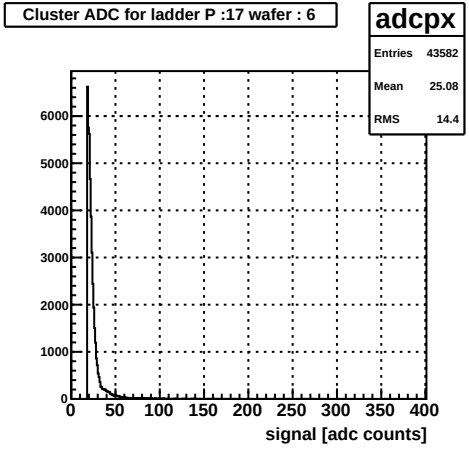

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 4824
Mean 42.9
RMS 46.9
signal [adc counts]

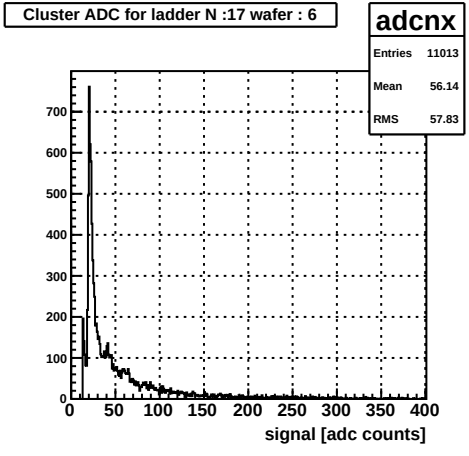

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

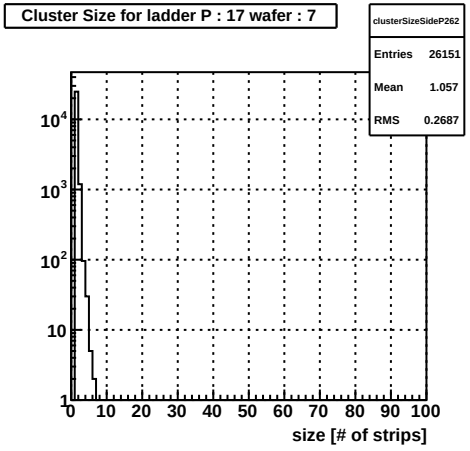

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 43582
Mean 1.042
RMS 0.2264
size [# of strips]

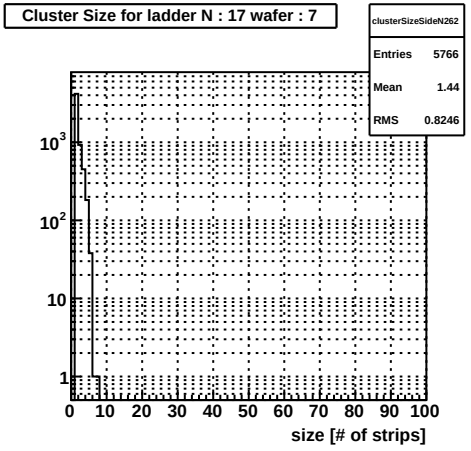

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 11013
Mean 2.008
RMS 1.353
size [# of strips]

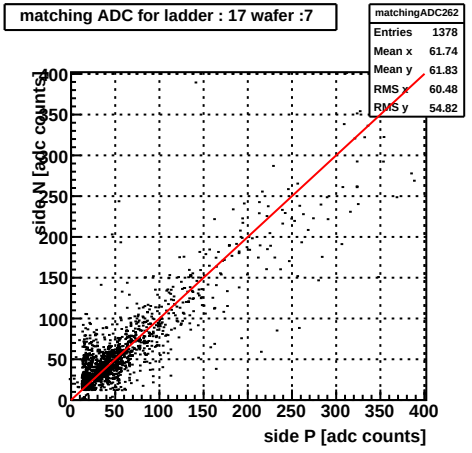

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 883
Mean x 43.5
Mean y 50.48
RMS x 52.54
RMS y 55.03
side N [adc counts]
side P [adc counts]

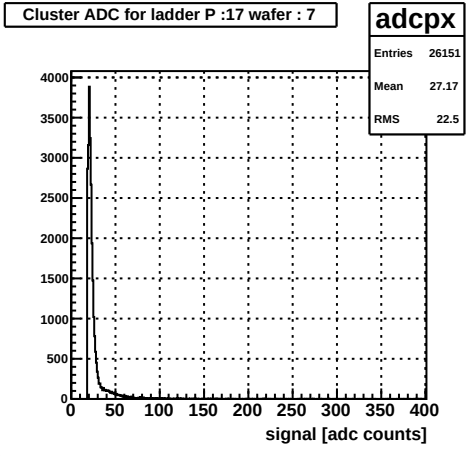

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 43582
Mean 25.08
RMS 14.4
signal [adc counts]

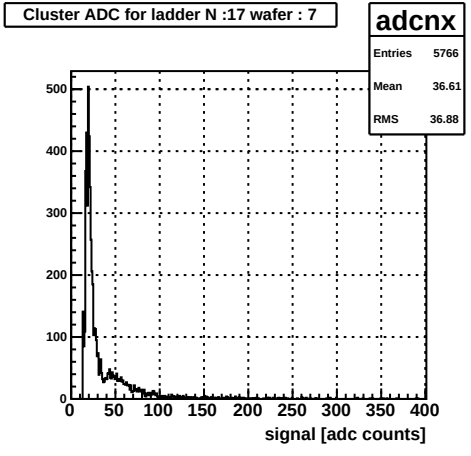

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 11013
Mean 56.14
RMS 57.83
signal [adc counts]

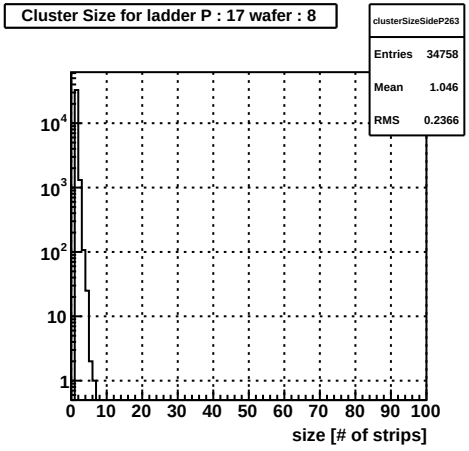

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 26151
Mean 1.057
RMS 0.2687
size [# of strips]

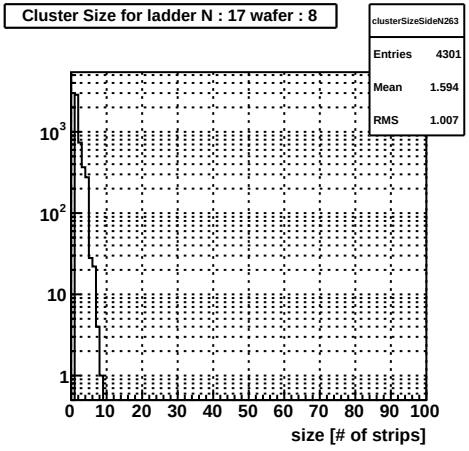

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 5766
Mean 1.44
RMS 0.8246
size [# of strips]

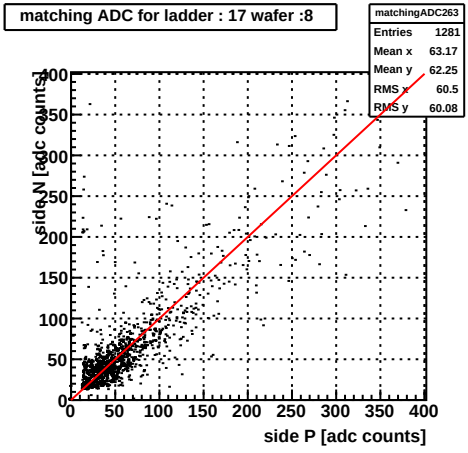

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 1378
Mean x 61.74
Mean y 61.83
RMS x 60.48
RMS y 54.82
side N [adc counts]
side P [adc counts]

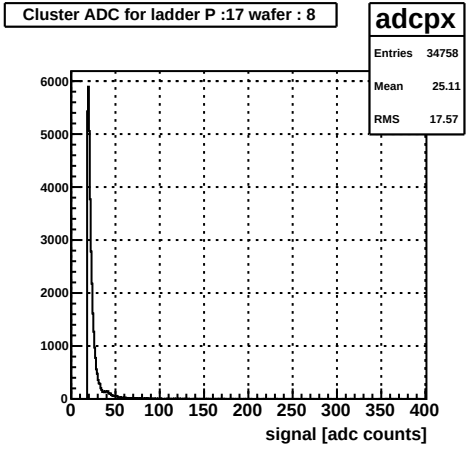

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 26151
Mean 27.17
RMS 22.5
signal [adc counts]

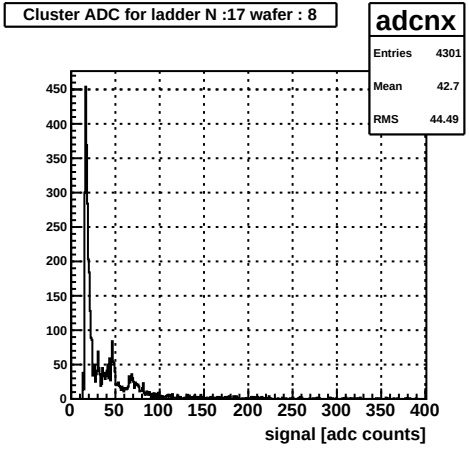

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 5766
Mean 36.61
RMS 36.88
signal [adc counts]

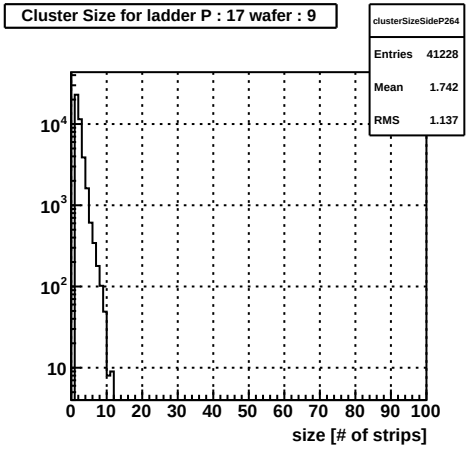

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 34758
Mean 1.046
RMS 0.2366
size [# of strips]

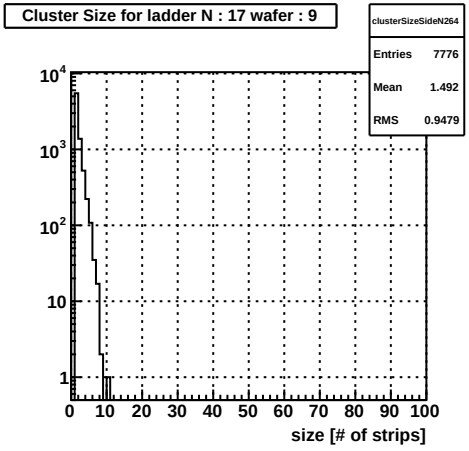

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 4301
Mean 1.594
RMS 1.007
size [# of strips]

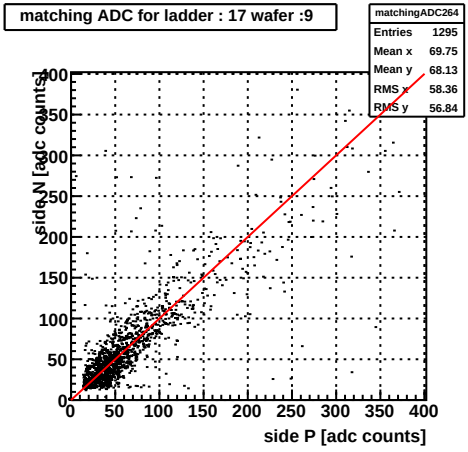

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 1281
Mean x 63.17
Mean y 62.25
RMS x 60.5
RMS y 60.08
side N [adc counts]
side P [adc counts]

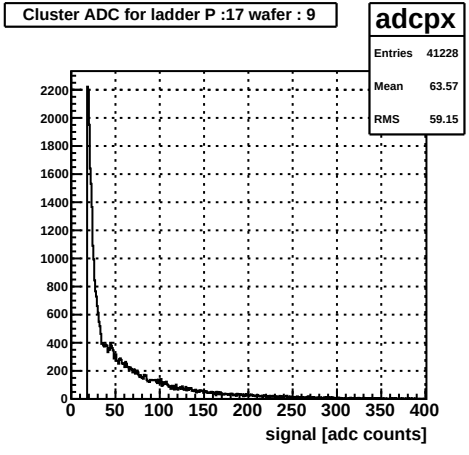

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 34758
Mean 25.11
RMS 17.57
signal [adc counts]

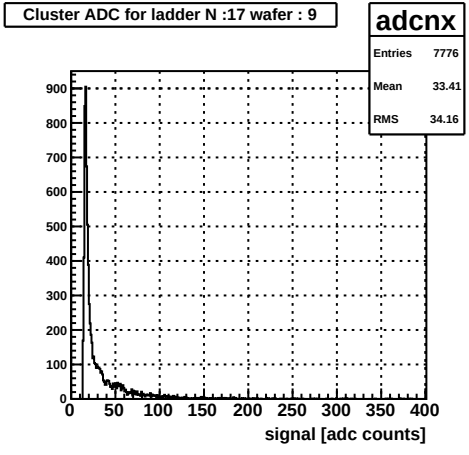

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 4301
Mean 42.7
RMS 44.49
signal [adc counts]

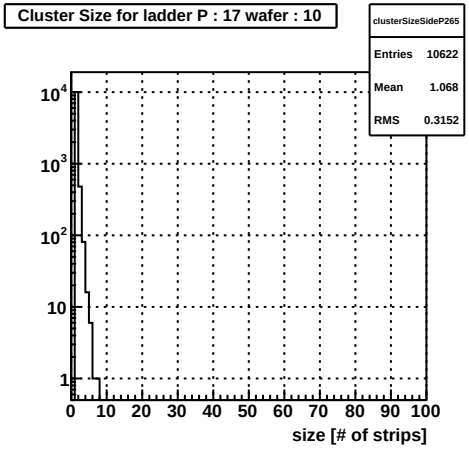

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 41228
Mean 1.742
RMS 1.137
size [# of strips]

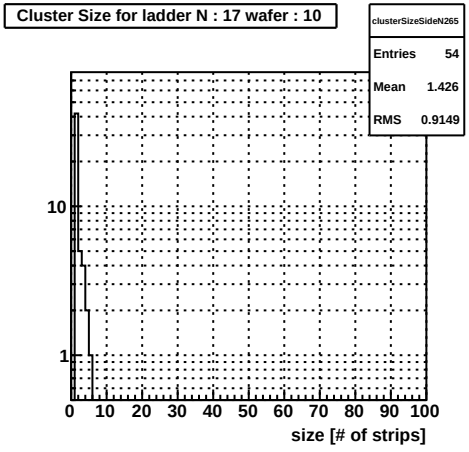

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 7776
Mean 1.492
RMS 0.9479
size [# of strips]

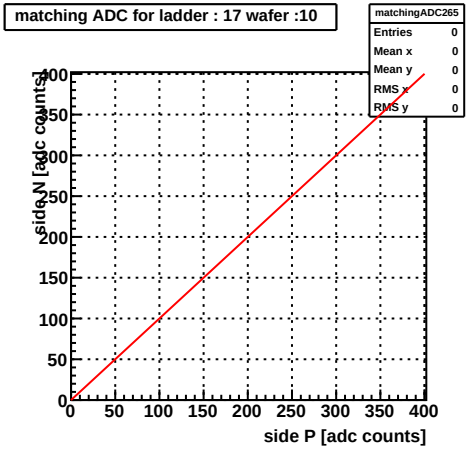

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 1295
Mean x 69.75
Mean y 68.13
RMS x 58.36
RMS y 56.84
side N [adc counts]
side P [adc counts]

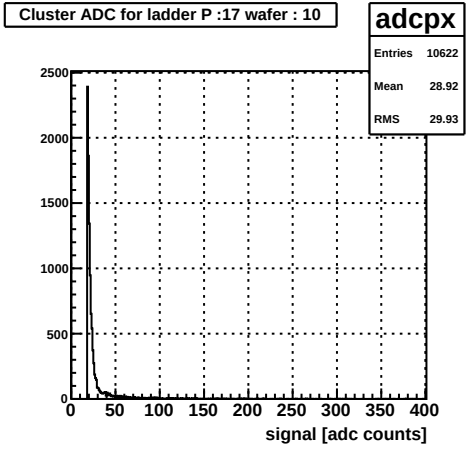

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 41228
Mean 63.57
RMS 59.15
signal [adc counts]

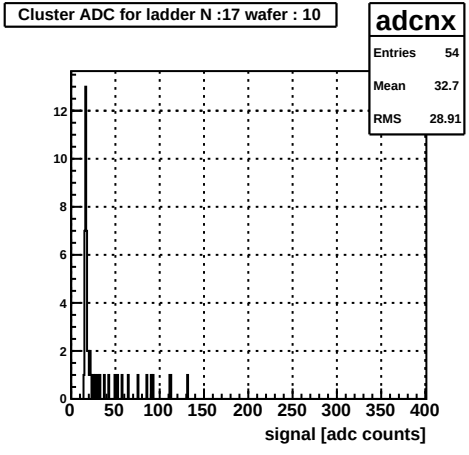

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 7776
Mean 33.41
RMS 34.16
signal [adc counts]

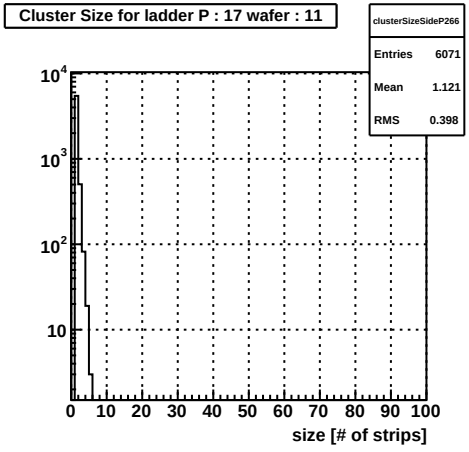

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 10622
Mean 1.068
RMS 0.3152
size [# of strips]

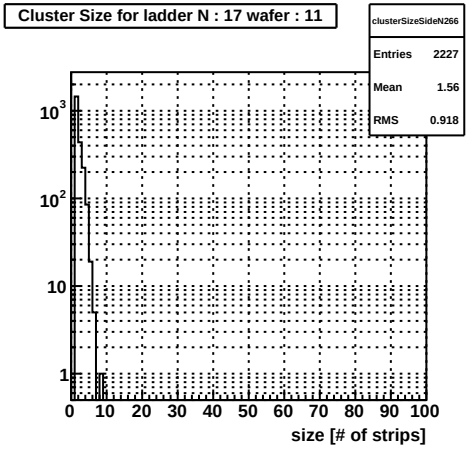

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 54
Mean 1.426
RMS 0.9149
size [# of strips]

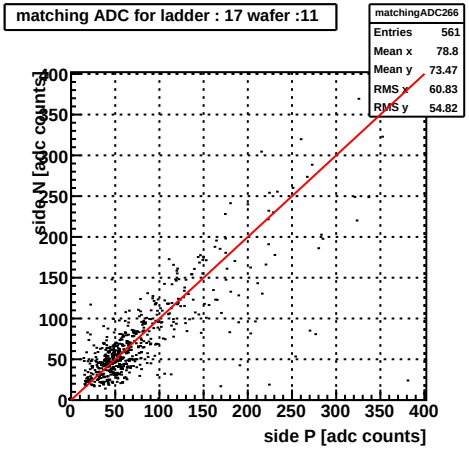

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

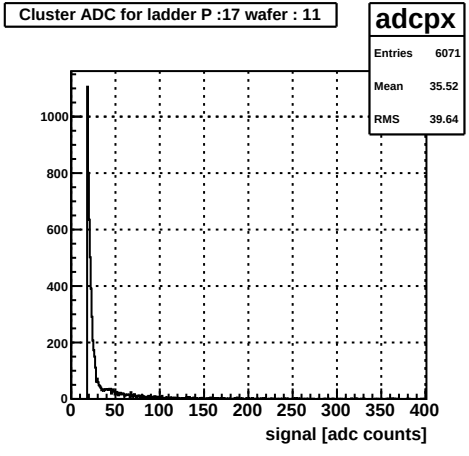

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 10622
Mean 28.92
RMS 29.93
signal [adc counts]

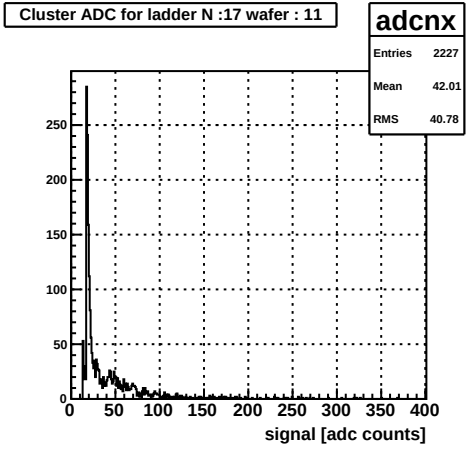

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 54
Mean 32.7
RMS 28.91
signal [adc counts]

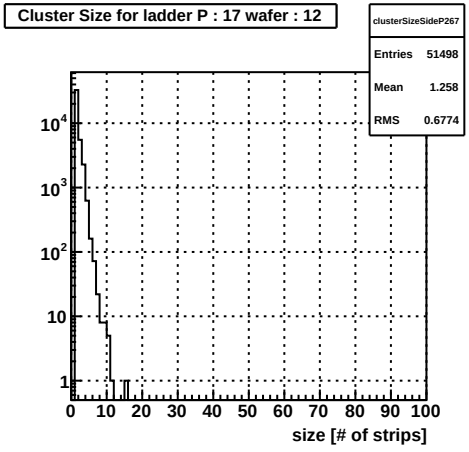

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 6071
Mean 1.121
RMS 0.398
size [# of strips]

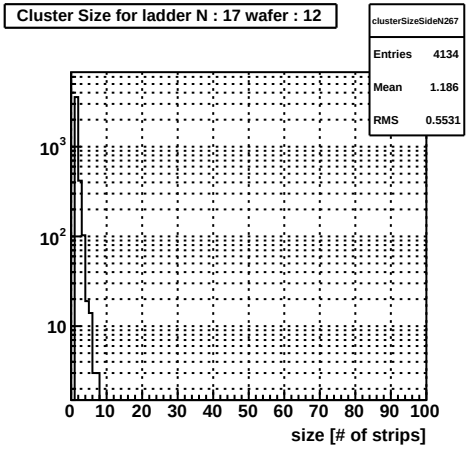

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 2227
Mean 1.56
RMS 0.918
size [# of strips]

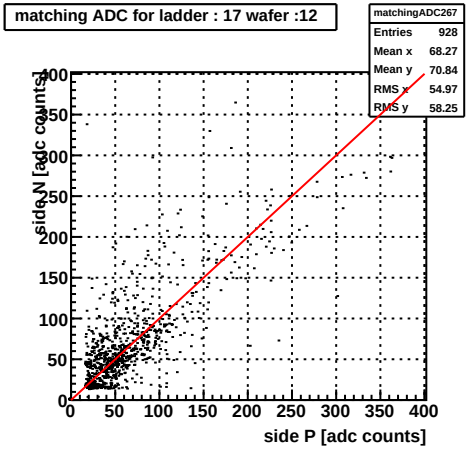

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 561
Mean x 78.8
Mean y 73.47
RMS x 60.83
RMS y 54.82
side N [adc counts]
side P [adc counts]

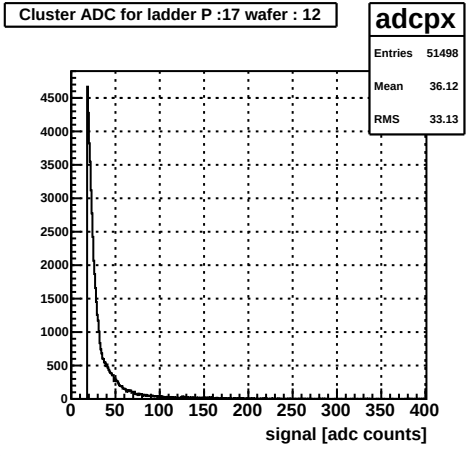

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 6071
Mean 35.52
RMS 39.64
signal [adc counts]

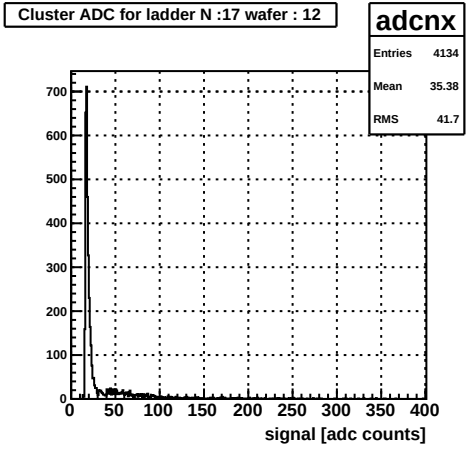

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 2227
Mean 42.01
RMS 40.78
signal [adc counts]

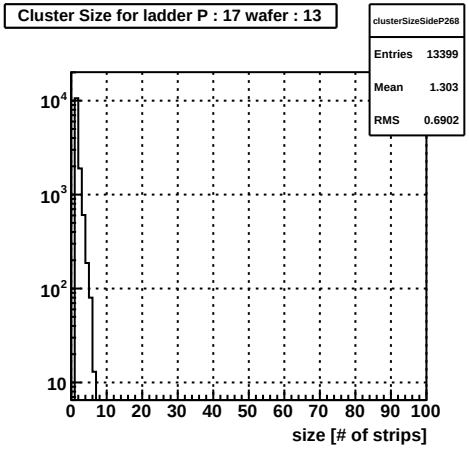

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 51498
Mean 1.258
RMS 0.6774
size [# of strips]

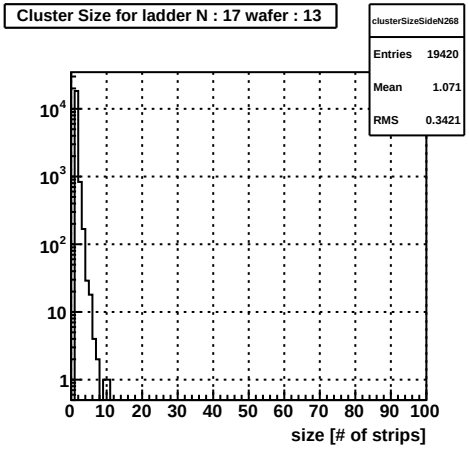

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 4134
Mean 1.186
RMS 0.5531
size [# of strips]

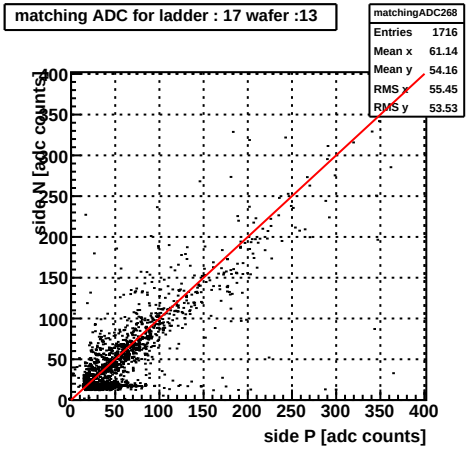

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 928
Mean x 68.27
Mean y 70.84
RMS x 54.97
RMS y 58.25
side N [adc counts]
side P [adc counts]

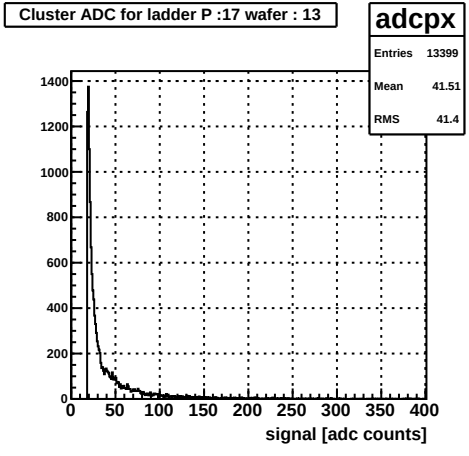

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 51498
Mean 36.12
RMS 33.13
signal [adc counts]

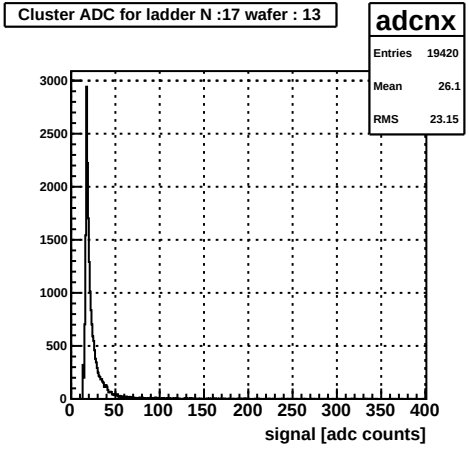

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 4134
Mean 35.38
RMS 41.7
signal [adc counts]

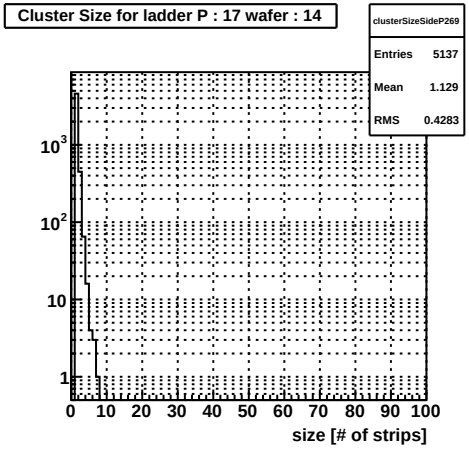

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 13399
Mean 1.303
RMS 0.6902
size [# of strips]

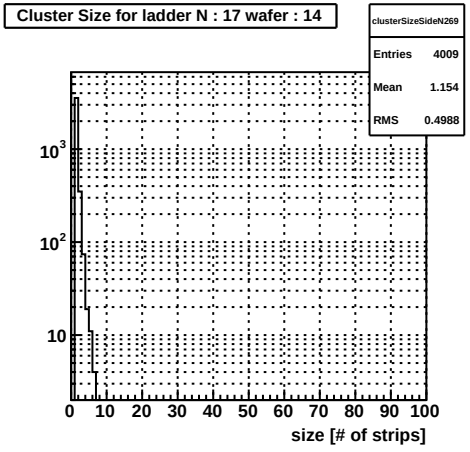

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 19420
Mean 1.071
RMS 0.3421
size [# of strips]

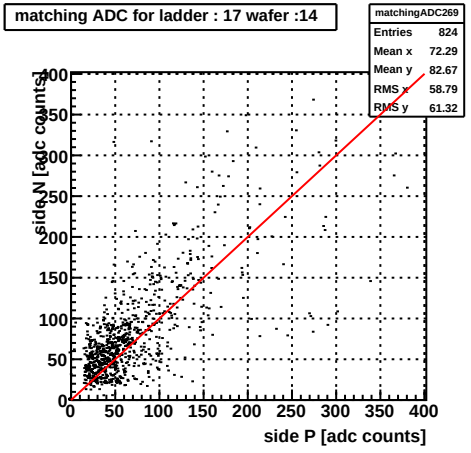

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 1716
Mean x 61.14
Mean y 54.16
RMS x 55.45
RMS y 53.53
side N [adc counts]
side P [adc counts]

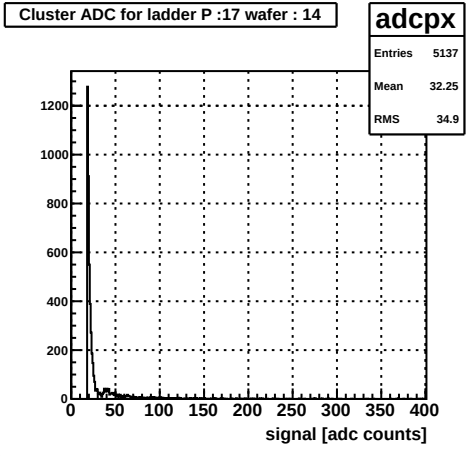

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 13399
Mean 41.51
RMS 41.4
signal [adc counts]

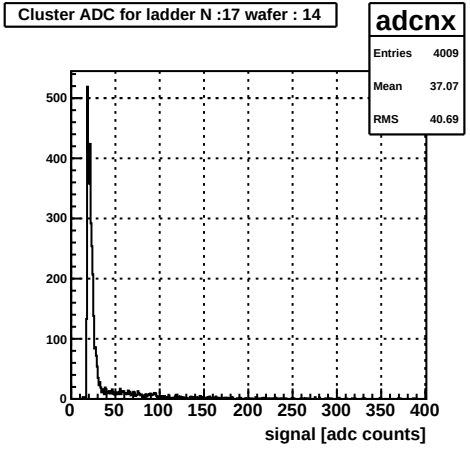

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 19420
Mean 26.1
RMS 23.15
signal [adc counts]

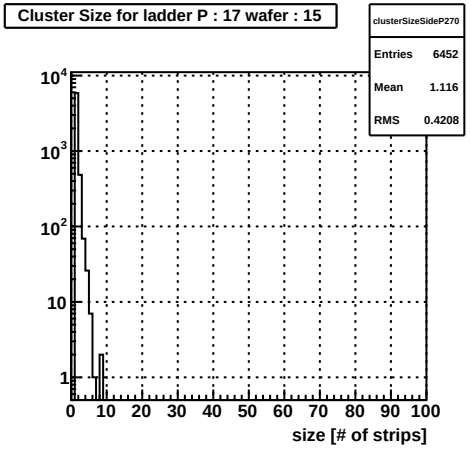

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 5137
Mean 1.129
RMS 0.4283
size [# of strips]

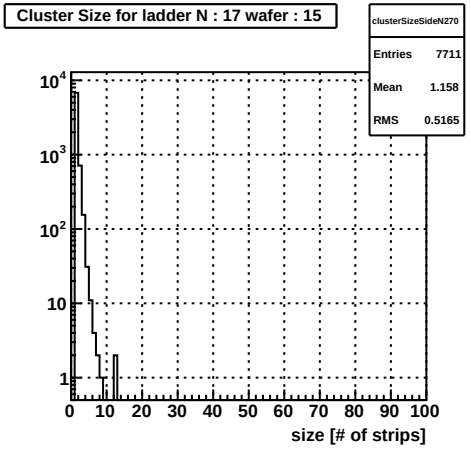

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 4009
Mean 1.154
RMS 0.4988
size [# of strips]

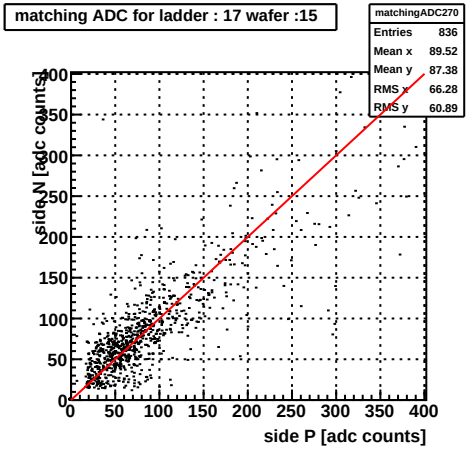

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 824
Mean x 72.29
Mean y 82.67
RMS x 58.79
RMS y 61.32
side N [adc counts]
side P [adc counts]

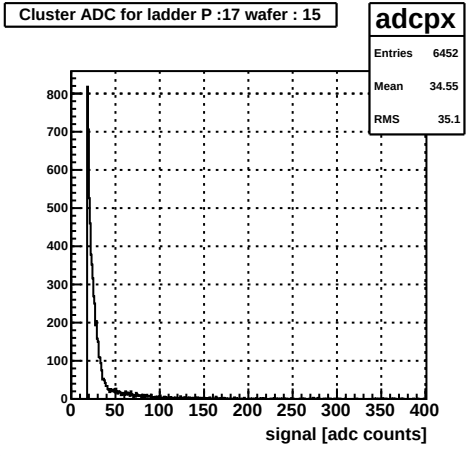

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 5137
Mean 32.25
RMS 34.9
signal [adc counts]

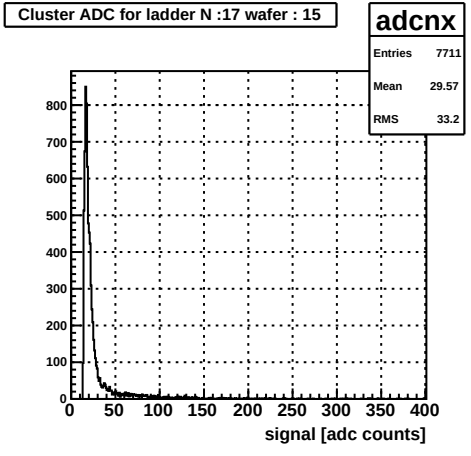

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 4009
Mean 37.07
RMS 40.69
signal [adc counts]

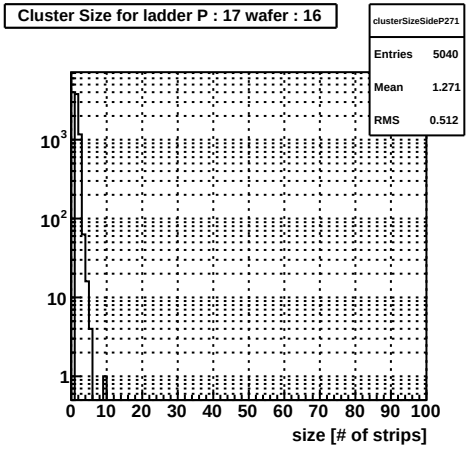

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 6452
Mean 1.116
RMS 0.4208
size [# of strips]

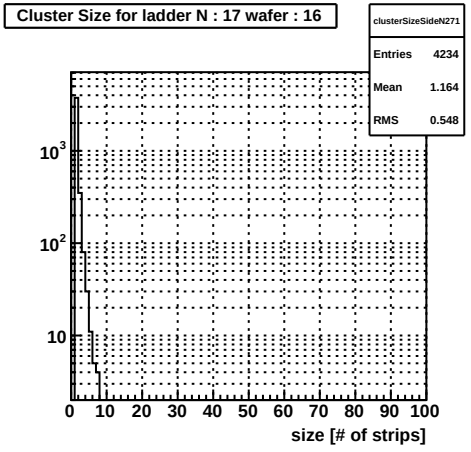

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 7711
Mean 1.158
RMS 0.5165
size [# of strips]

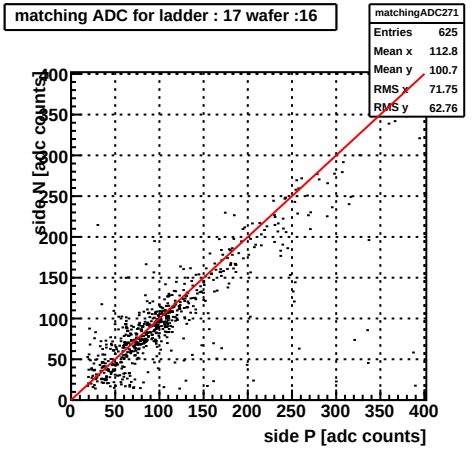

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 836
Mean x 89.52
Mean y 87.38
RMS x 66.28
RMS y 60.89
side N [adc counts]
side P [adc counts]

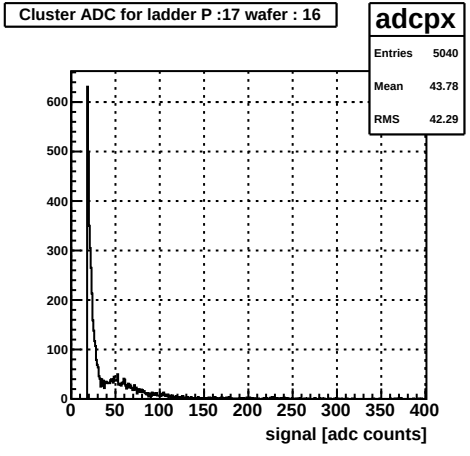

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 6452
Mean 34.55
RMS 35.1
signal [adc counts]

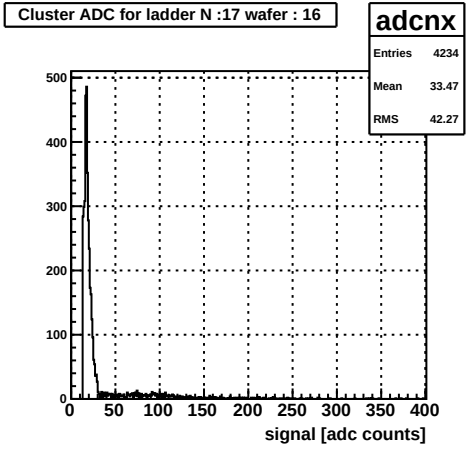

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 7711
Mean 29.57
RMS 33.2
signal [adc counts]

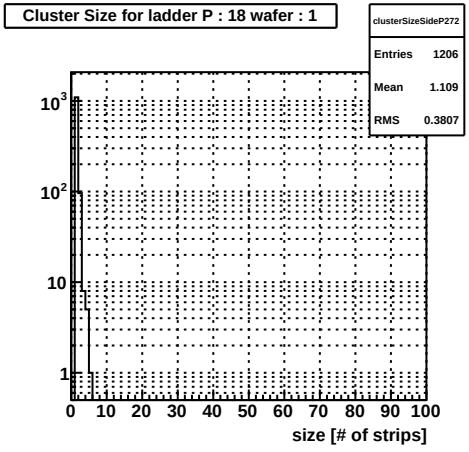

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 5040
Mean 1.271
RMS 0.512
size [# of strips]

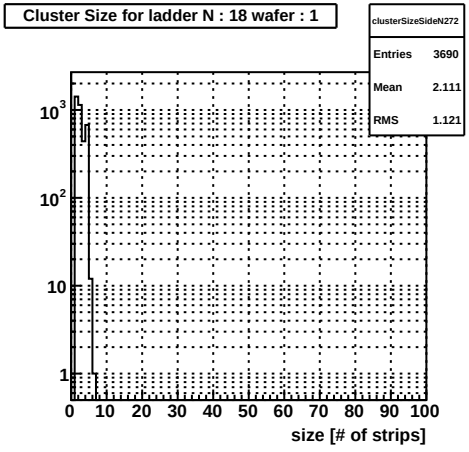

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 4234
Mean 1.164
RMS 0.548
size [# of strips]

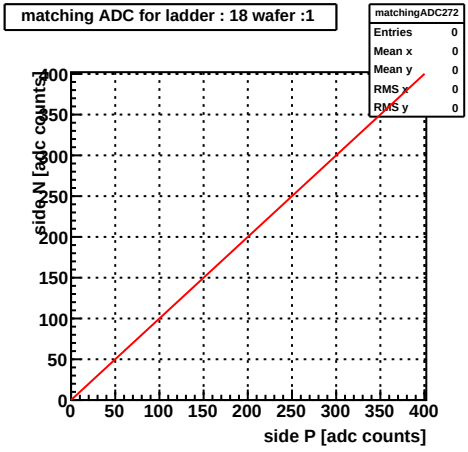

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 625
Mean x 112.8
Mean y 100.7
RMS x 71.75
RMS y 62.76
side N [adc counts]
side P [adc counts]

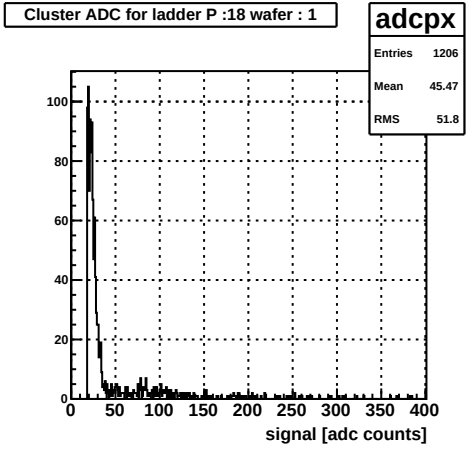

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 5040
Mean 43.78
RMS 42.29
signal [adc counts]

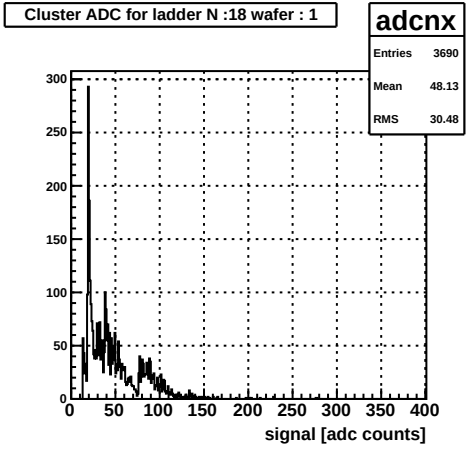

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 4234
Mean 33.47
RMS 42.27
signal [adc counts]

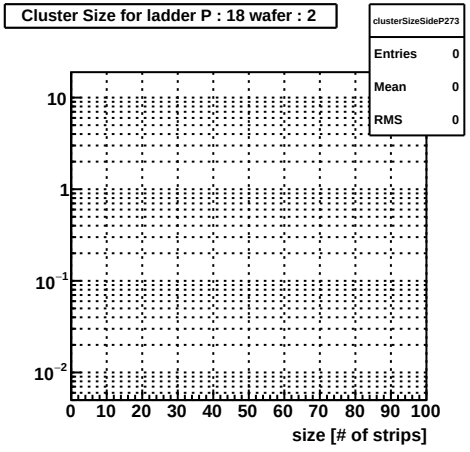

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 1206
Mean 1.109
RMS 0.3807
size [# of strips]

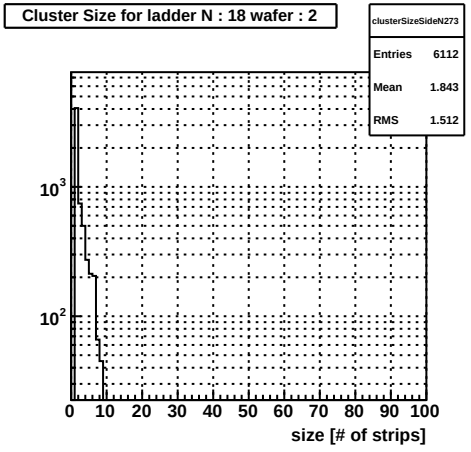

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 3690
Mean 2.111
RMS 1.121
size [# of strips]

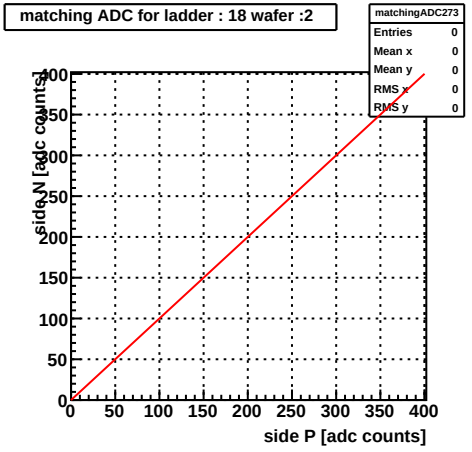

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

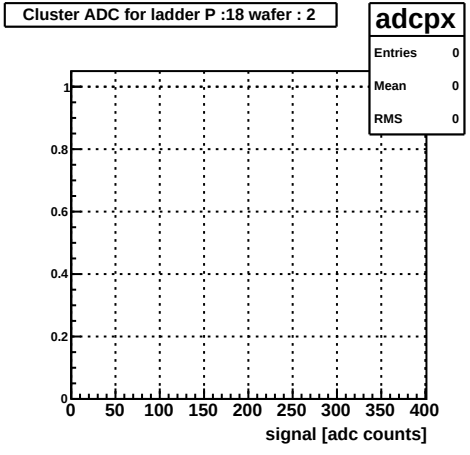

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 1206
Mean 45.47
RMS 51.8
signal [adc counts]

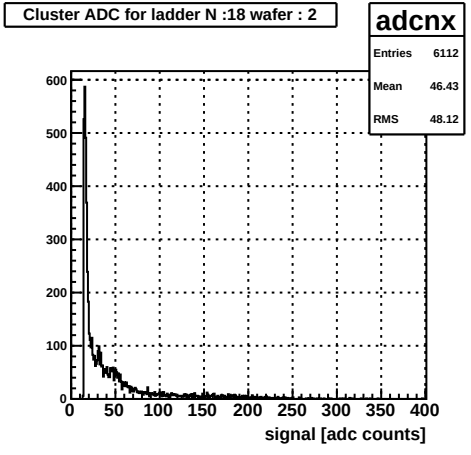

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 3690
Mean 48.13
RMS 30.48
signal [adc counts]

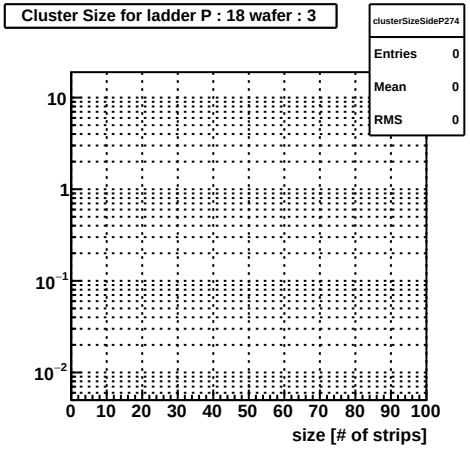

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

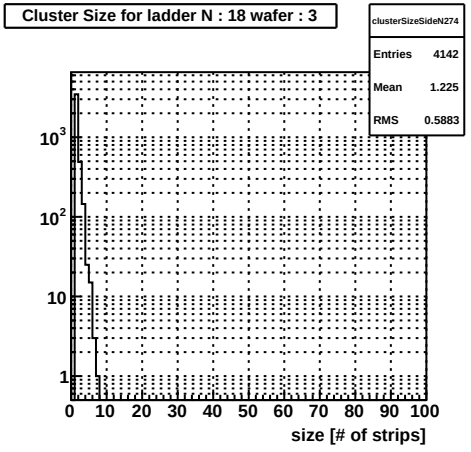

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 6112
Mean 1.843
RMS 1.512
size [# of strips]

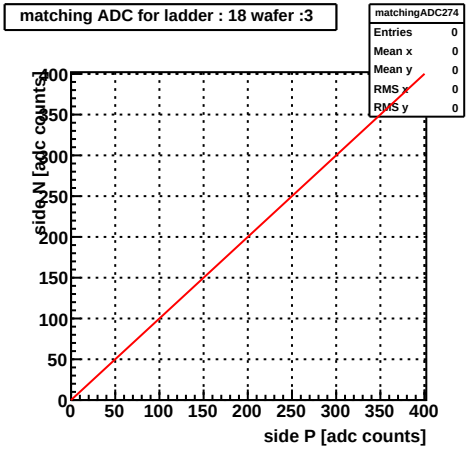

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

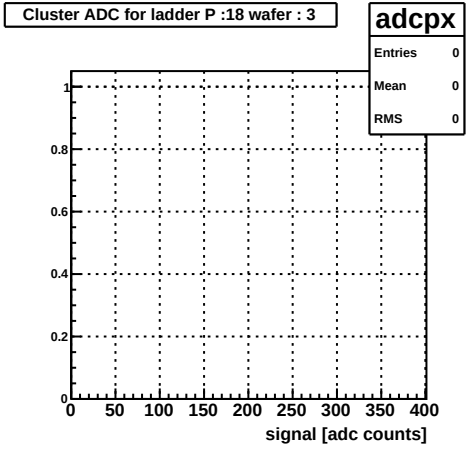

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

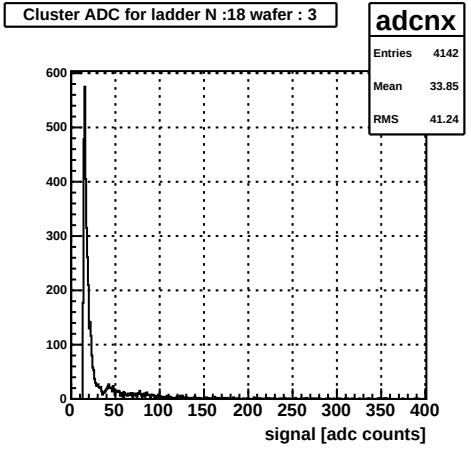

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 6112
Mean 46.43
RMS 48.12
signal [adc counts]

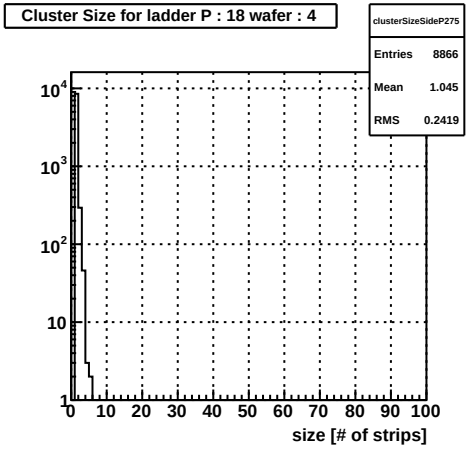

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

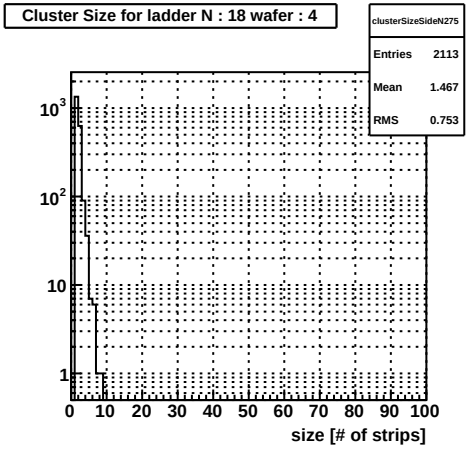

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 4142
Mean 1.225
RMS 0.5883
size [# of strips]

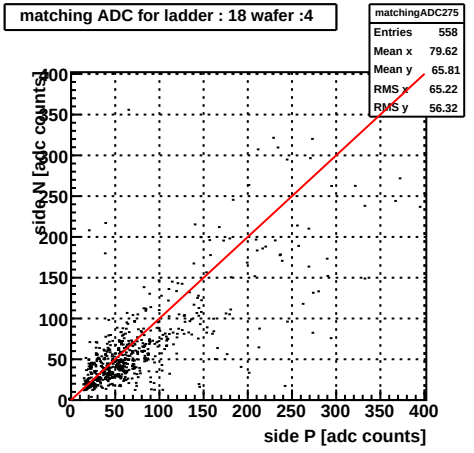

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

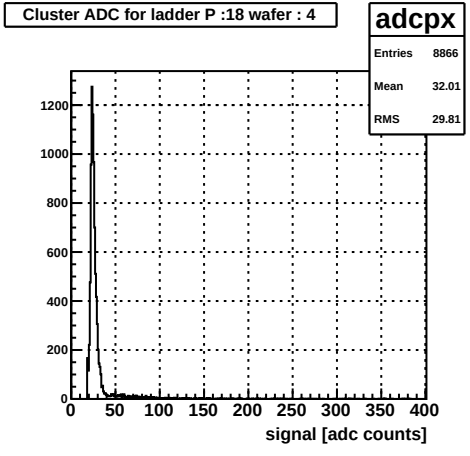

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

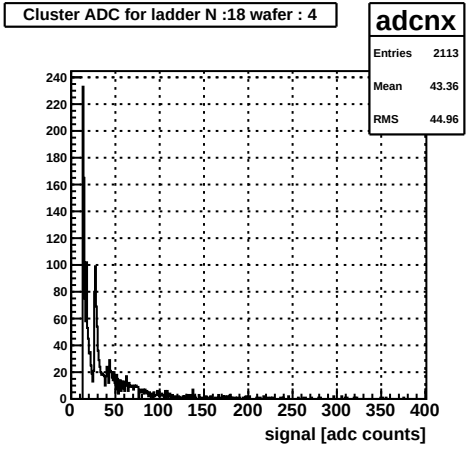

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 4142
Mean 33.85
RMS 41.24
signal [adc counts]

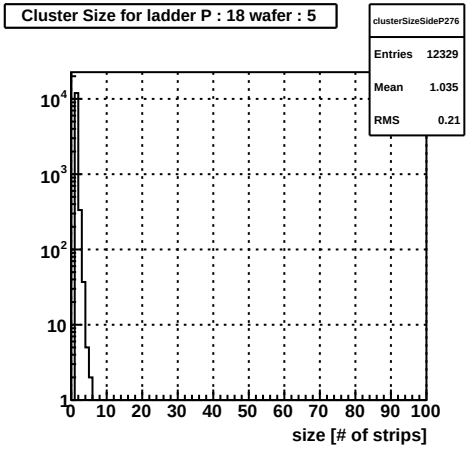

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 8866
Mean 1.045
RMS 0.2419
size [# of strips]

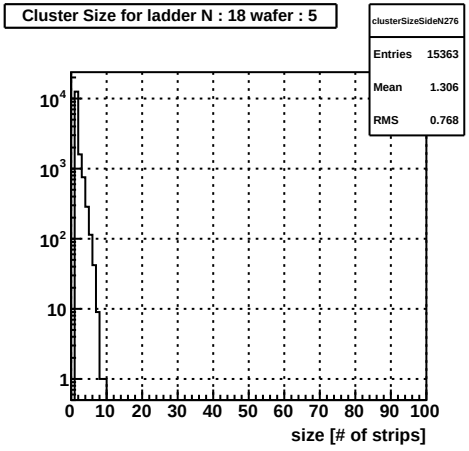

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 2113
Mean 1.467
RMS 0.753
size [# of strips]

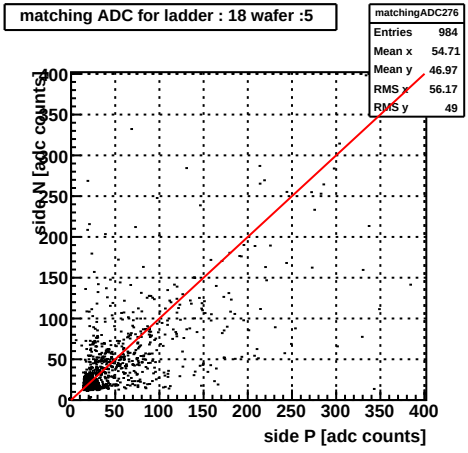

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 558
Mean x 79.62
Mean y 65.81
RMS x 65.22
RMS y 56.32
side N [adc counts]
side P [adc counts]

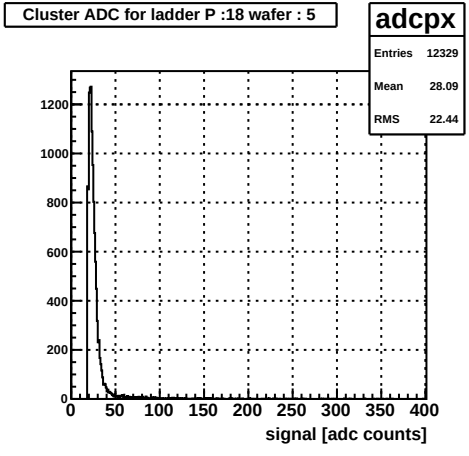

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 8866
Mean 32.01
RMS 29.81
signal [adc counts]

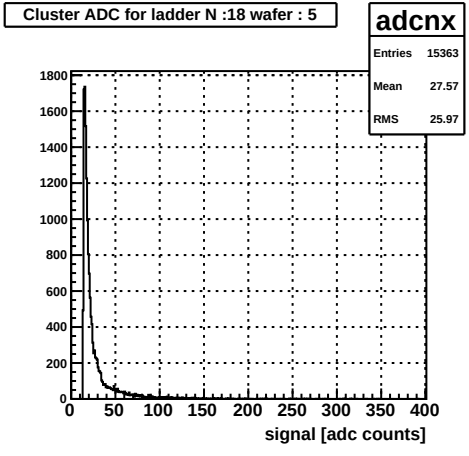

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 2113
Mean 43.36
RMS 44.96
signal [adc counts]

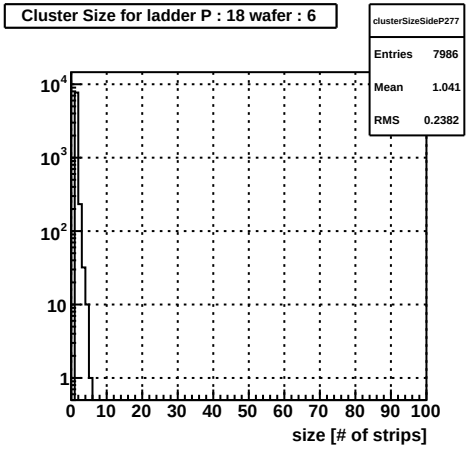

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 12329
Mean 1.035
RMS 0.21
size [# of strips]

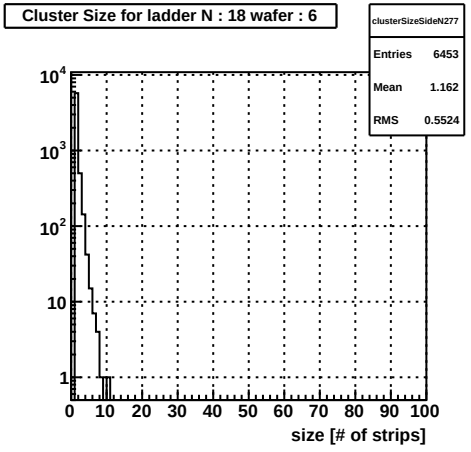

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 15363
Mean 1.306
RMS 0.768
size [# of strips]

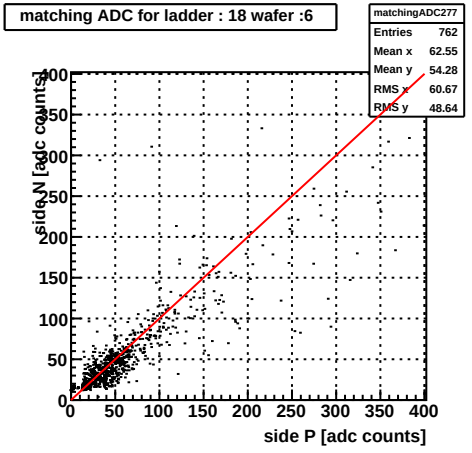

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 984
Mean x 54.71
Mean y 46.97
RMS x 56.17
RMS y 49
side N [adc counts]
side P [adc counts]

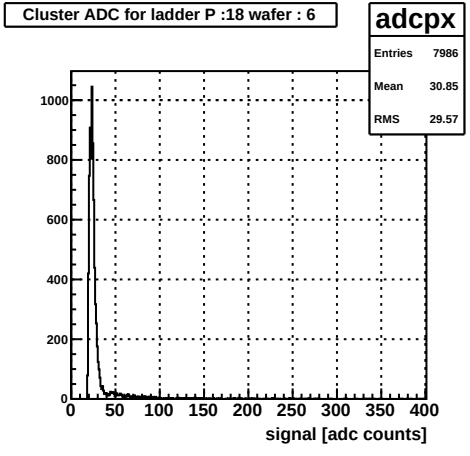

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 12329
Mean 28.09
RMS 22.44
signal [adc counts]

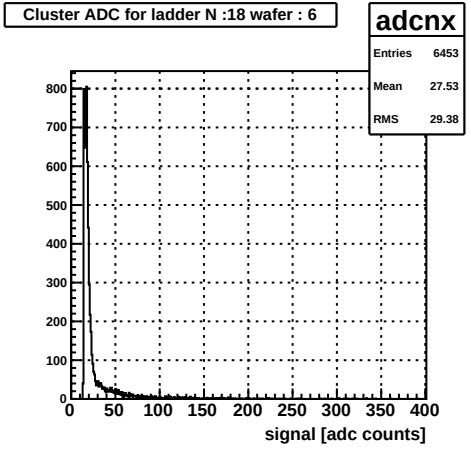

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 15363
Mean 27.57
RMS 25.97
signal [adc counts]

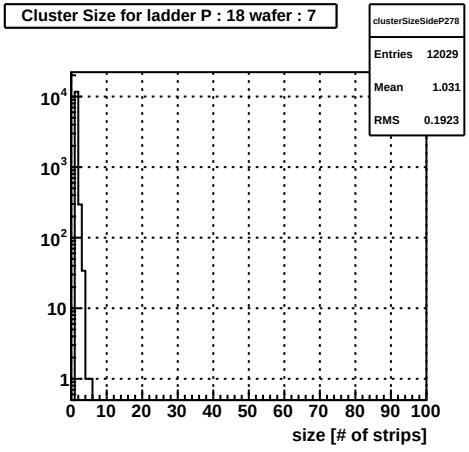

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 7986
Mean 1.041
RMS 0.2382
size [# of strips]

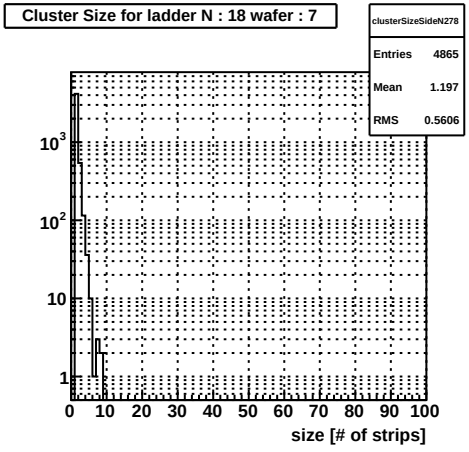

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 6453
Mean 1.162
RMS 0.5524
size [# of strips]

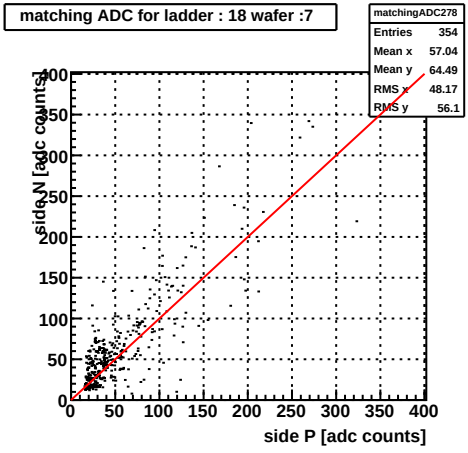

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 762
Mean x 62.55
Mean y 54.28
RMS x 60.67
RMS y 48.64
side N [adc counts]
side P [adc counts]

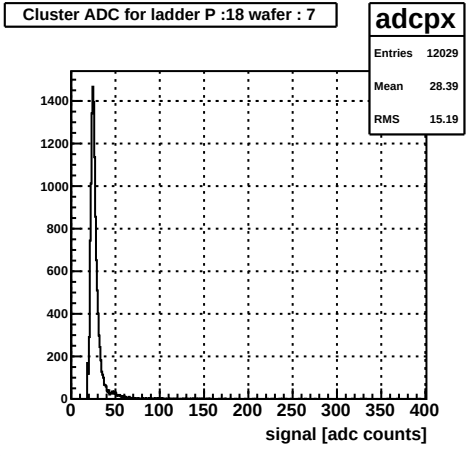

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 7986
Mean 30.85
RMS 29.57
signal [adc counts]

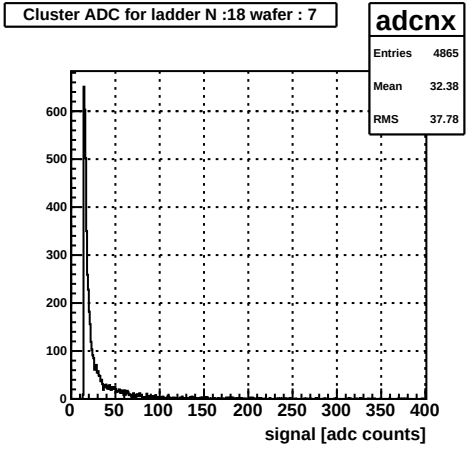

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 6453
Mean 27.53
RMS 29.38
signal [adc counts]

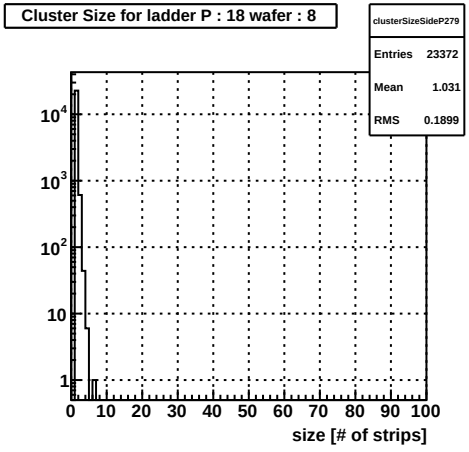

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 12029
Mean 1.031
RMS 0.1923
size [# of strips]

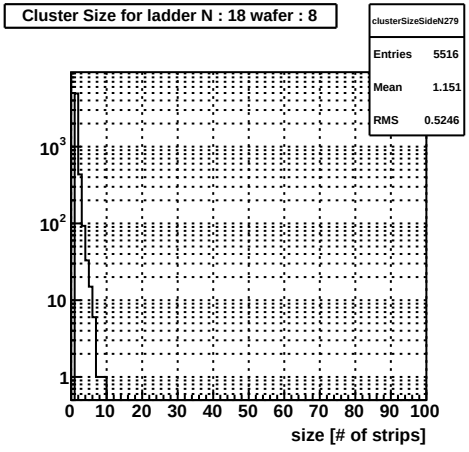

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 4865
Mean 1.197
RMS 0.5606
size [# of strips]

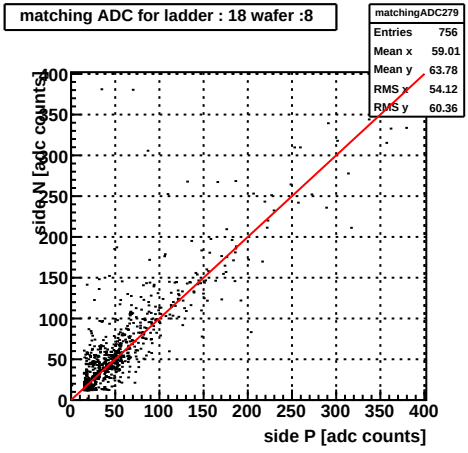

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 354
Mean x 57.04
Mean y 64.49
RMS x 48.17
RMS y 56.1
side N [adc counts]
side P [adc counts]

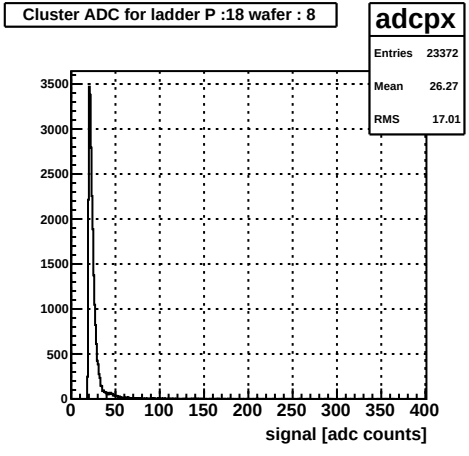

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 12029
Mean 28.39
RMS 15.19
signal [adc counts]

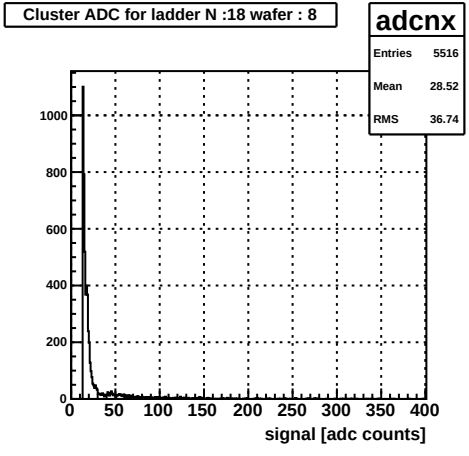

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 4865
Mean 32.38
RMS 37.78
signal [adc counts]

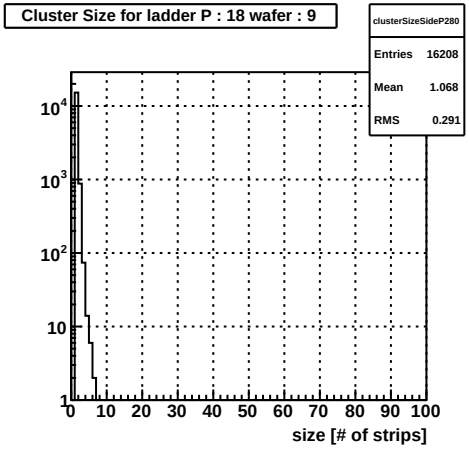

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 23372
Mean 1.031
RMS 0.1899
size [# of strips]

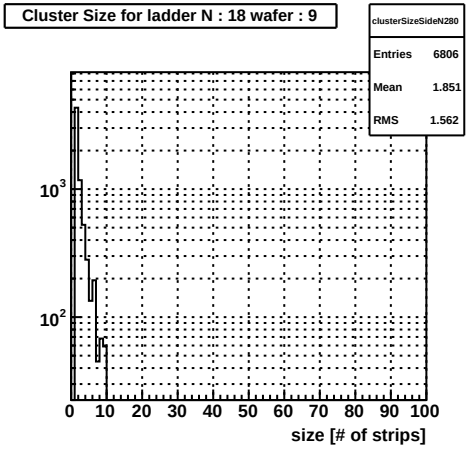

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 5516
Mean 1.151
RMS 0.5246
size [# of strips]

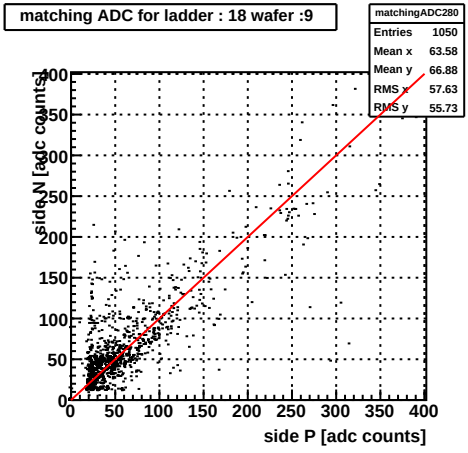

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 756
Mean x 59.01
Mean y 63.78
RMS x 54.12
RMS y 60.36
side N [adc counts]
side P [adc counts]

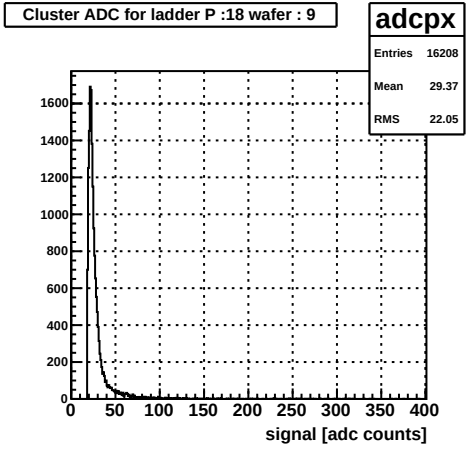

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 23372
Mean 26.27
RMS 17.01
signal [adc counts]

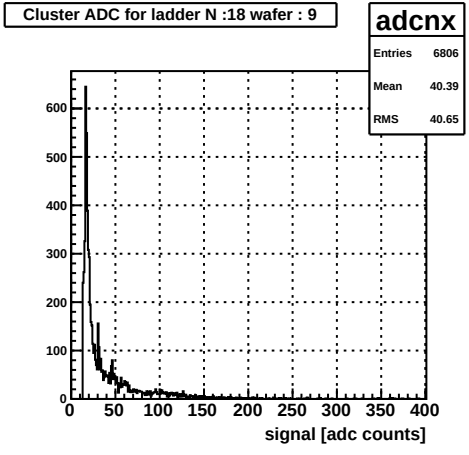

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 5516
Mean 28.52
RMS 36.74
signal [adc counts]

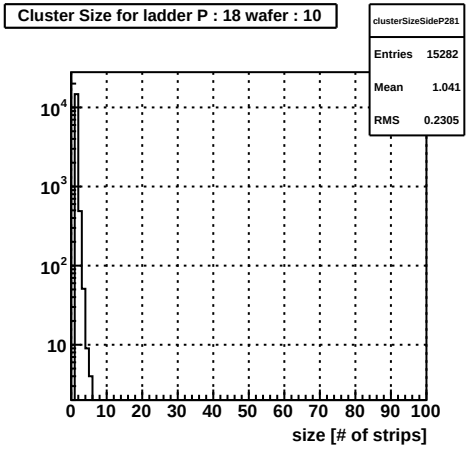

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 16208
Mean 1.068
RMS 0.291
size [# of strips]

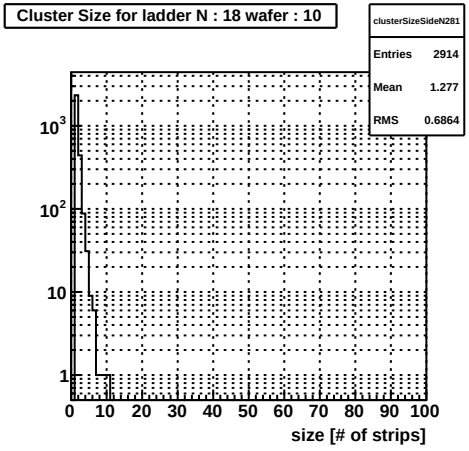

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 6806
Mean 1.851
RMS 1.562
size [# of strips]

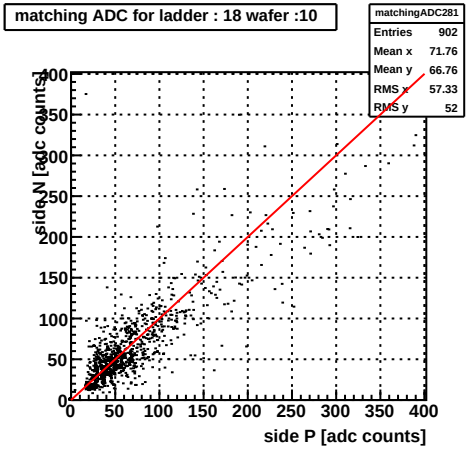

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 1050
Mean x 63.58
Mean y 66.88
RMS x 57.63
RMS y 55.73
side N [adc counts]
side P [adc counts]

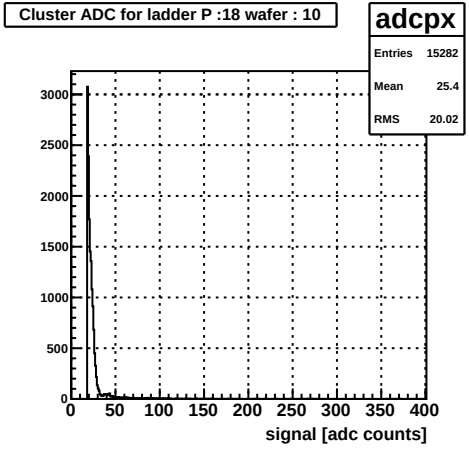

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 16208
Mean 29.37
RMS 22.05
signal [adc counts]

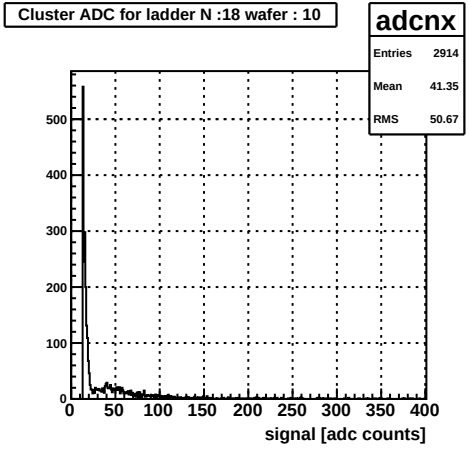

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 6806
Mean 40.39
RMS 40.65
signal [adc counts]

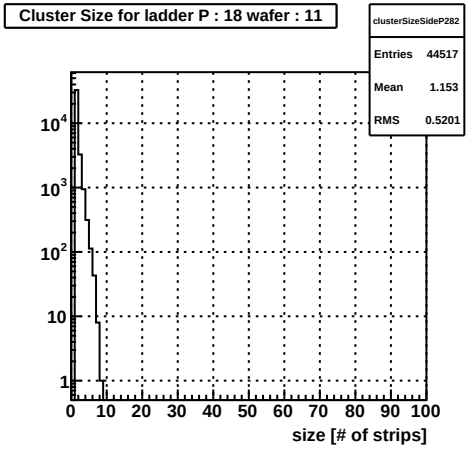

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 15282
Mean 1.041
RMS 0.2305
size [# of strips]

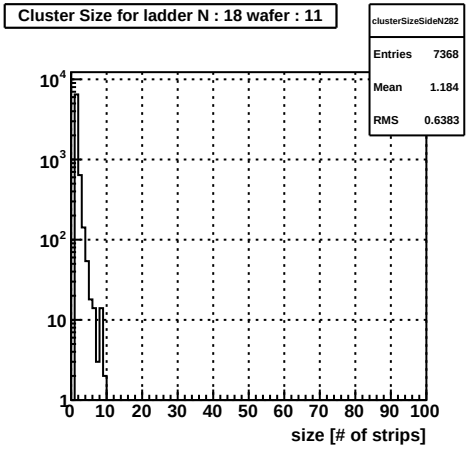

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 2914
Mean 1.277
RMS 0.6864
size [# of strips]

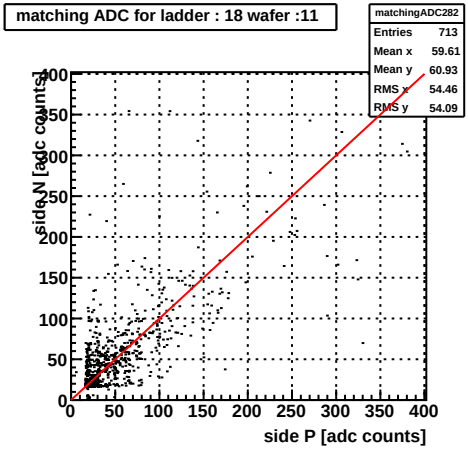

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 902
Mean x 71.76
Mean y 66.76
RMS x 57.33
RMS y 52
side N [adc counts]
side P [adc counts]

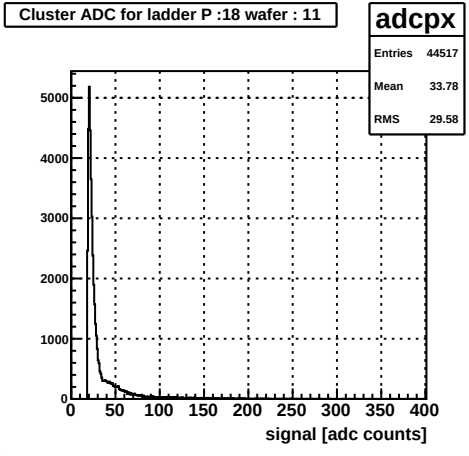

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 15282
Mean 25.4
RMS 20.02
signal [adc counts]

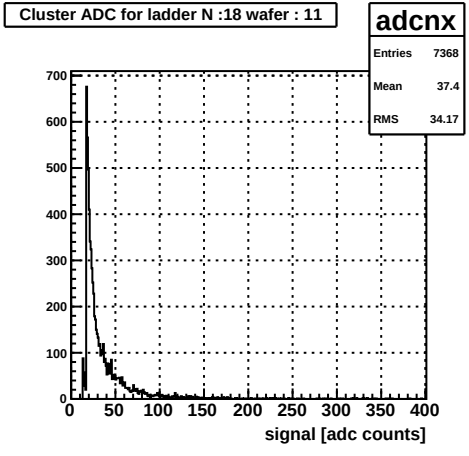

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 2914
Mean 41.35
RMS 50.67
signal [adc counts]

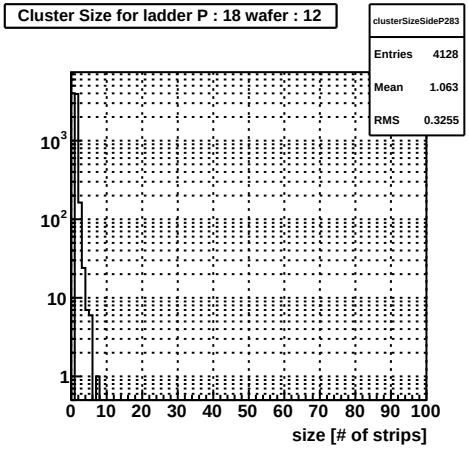

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 44517
Mean 1.153
RMS 0.5201
size [# of strips]

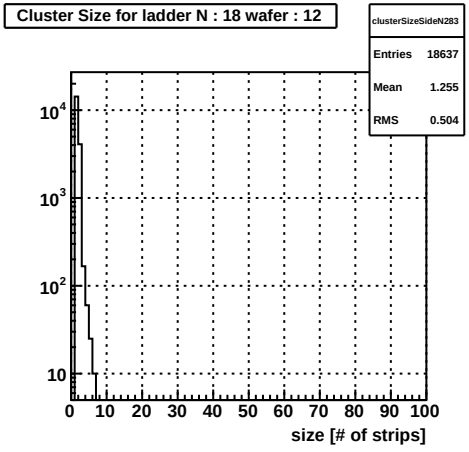

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 7368
Mean 1.184
RMS 0.6383
size [# of strips]

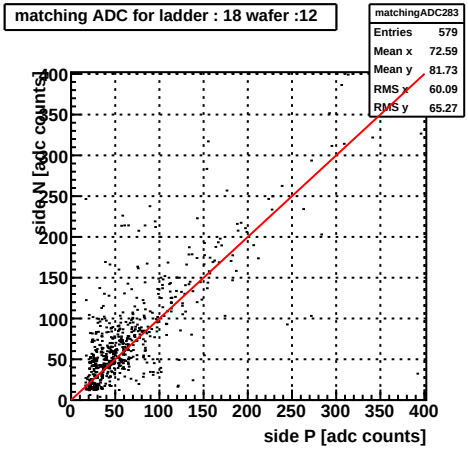

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 713
Mean x 59.61
Mean y 60.93
RMS x 54.46
RMS y 54.09
side N [adc counts]
side P [adc counts]

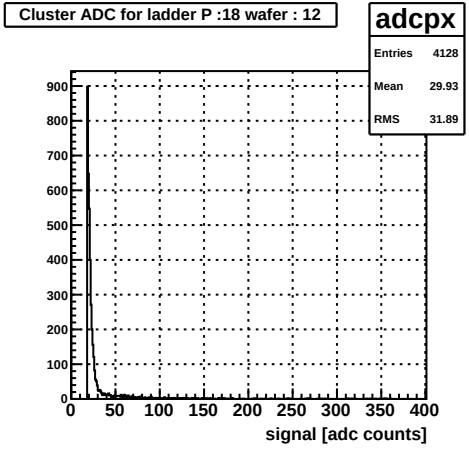

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 44517
Mean 33.78
RMS 29.58
signal [adc counts]

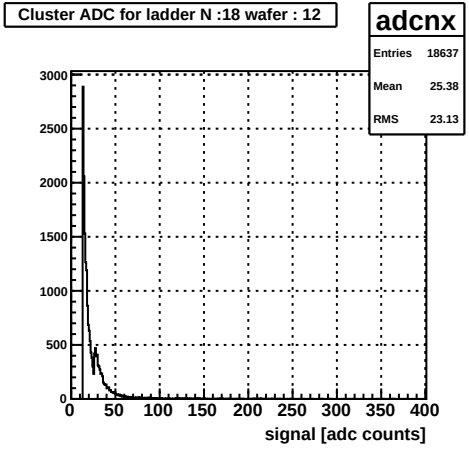

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 7368
Mean 37.4
RMS 34.17
signal [adc counts]

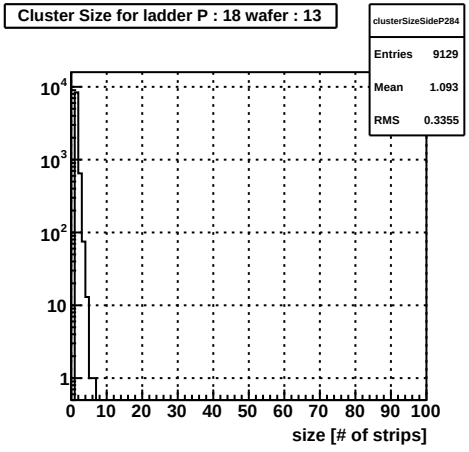

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 4128
Mean 1.063
RMS 0.3255
size [# of strips]

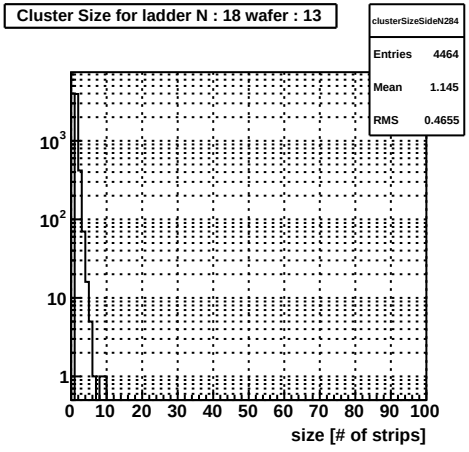

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 18637
Mean 1.255
RMS 0.504
size [# of strips]

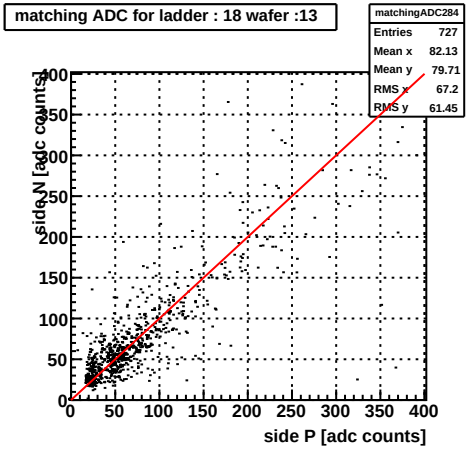

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 579
Mean x 72.59
Mean y 81.73
RMS x 60.09
RMS y 65.27
side N [adc counts]
side P [adc counts]

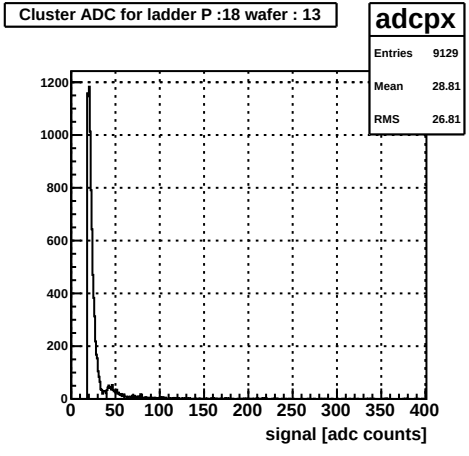

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 4128
Mean 29.93
RMS 31.89
signal [adc counts]

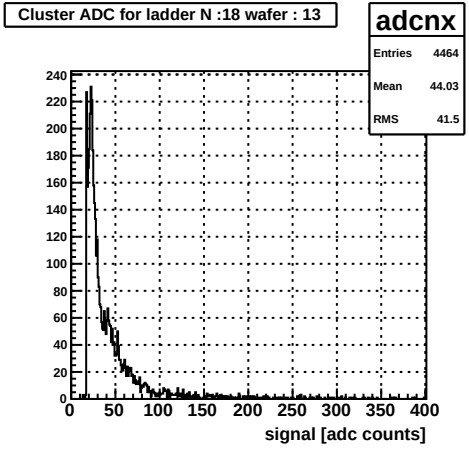

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 18637
Mean 25.38
RMS 23.13
signal [adc counts]

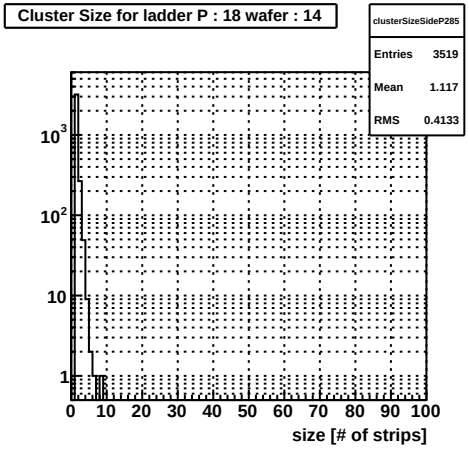

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 9129
Mean 1.093
RMS 0.3355
size [# of strips]

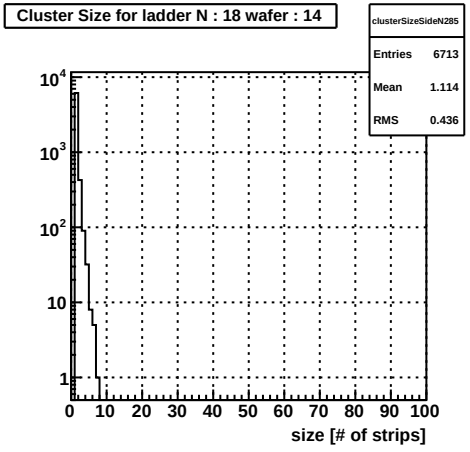

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 4464
Mean 1.145
RMS 0.4655
size [# of strips]

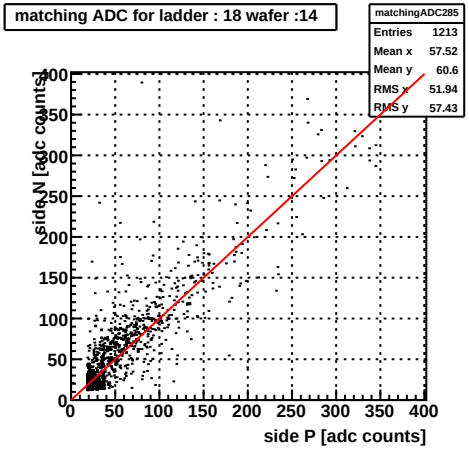

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 727
Mean x 82.13
Mean y 79.71
RMS x 67.2
RMS y 61.45
side N [adc counts]
side P [adc counts]

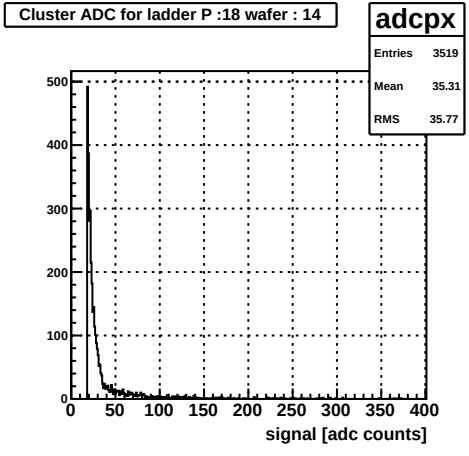

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 9129
Mean 28.81
RMS 26.81
signal [adc counts]

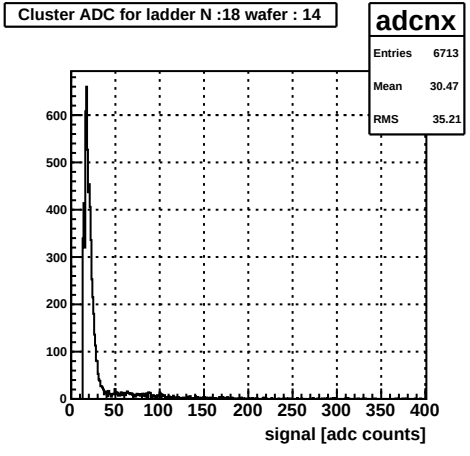

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 4464
Mean 44.03
RMS 41.5
signal [adc counts]

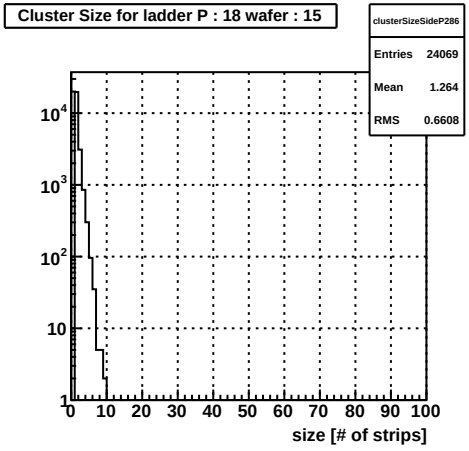

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 3519
Mean 1.117
RMS 0.4133
size [# of strips]

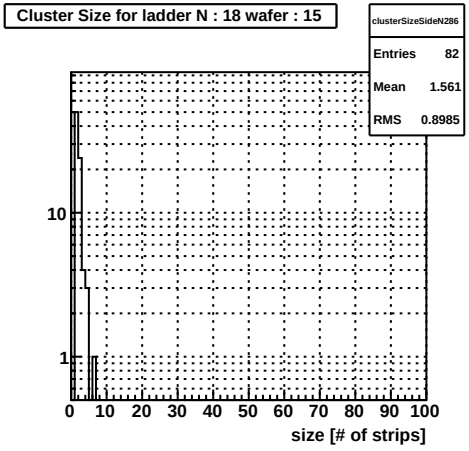

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 6713
Mean 1.114
RMS 0.436
size [# of strips]

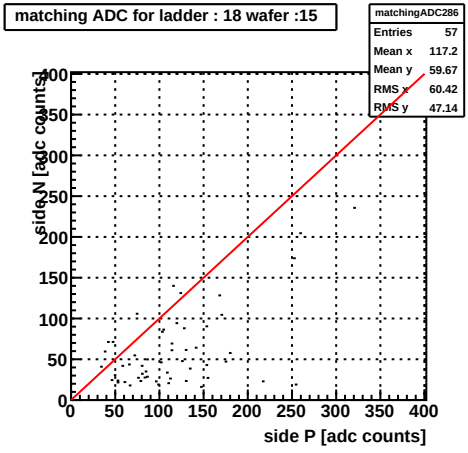

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 1213
Mean x 57.52
Mean y 60.6
RMS x 51.94
RMS y 57.43
side N [adc counts]
side P [adc counts]

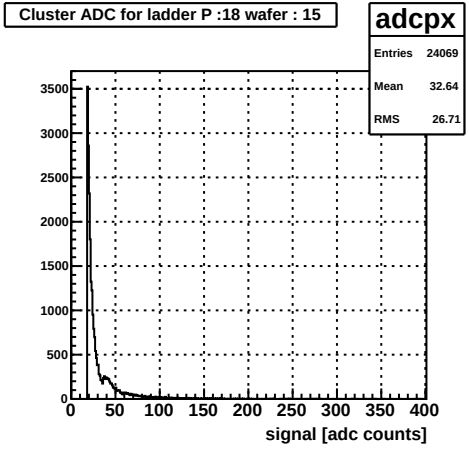

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 3519
Mean 35.31
RMS 35.77
signal [adc counts]

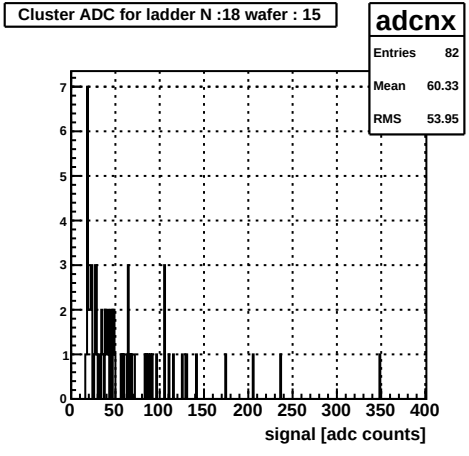

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 6713
Mean 30.47
RMS 35.21
signal [adc counts]

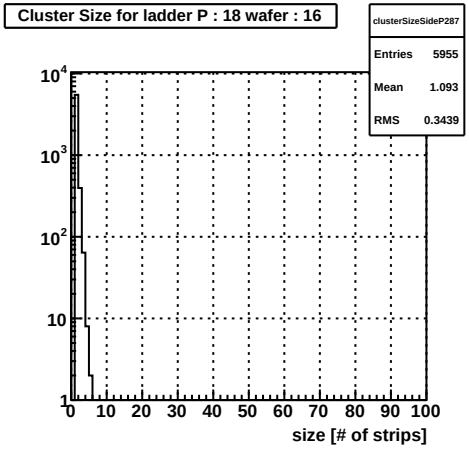

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 24069
Mean 1.264
RMS 0.6608
size [# of strips]

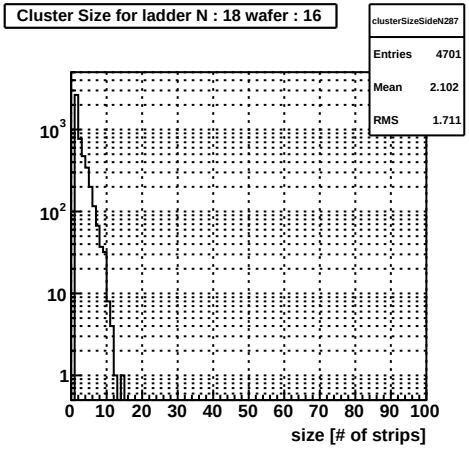

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 82
Mean 1.561
RMS 0.8985
size [# of strips]

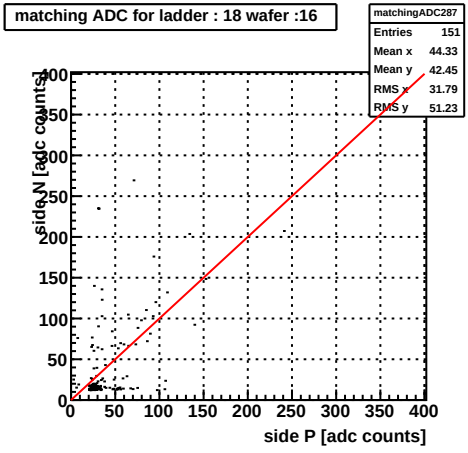

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 57
Mean x 117.2
Mean y 59.67
RMS x 60.42
RMS y 47.14
side N [adc counts]
side P [adc counts]

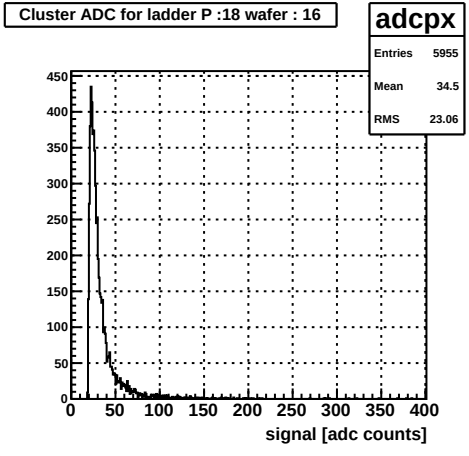

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 24069
Mean 32.64
RMS 26.71
signal [adc counts]

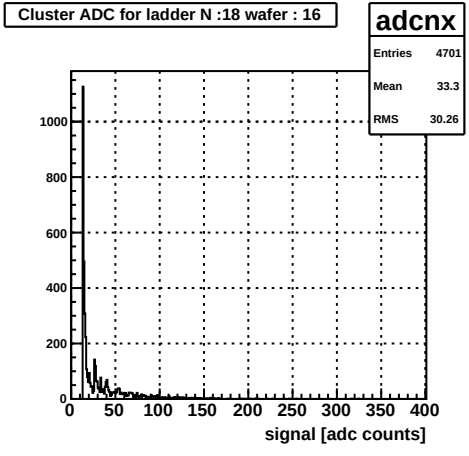

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 82
Mean 60.33
RMS 53.95
signal [adc counts]

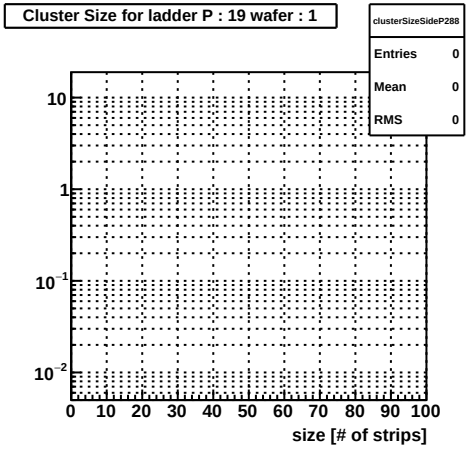

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 5955
Mean 1.093
RMS 0.3439
size [# of strips]

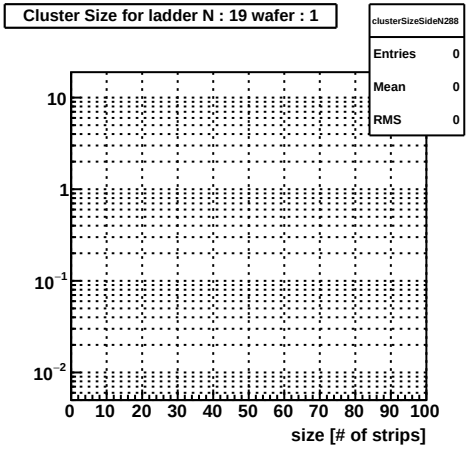

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 4701
Mean 2.102
RMS 1.711
size [# of strips]

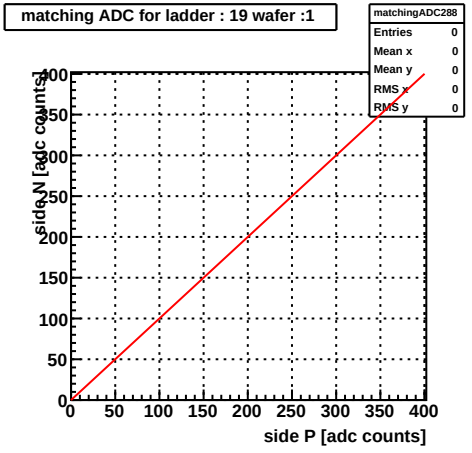

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 151
Mean x 44.33
Mean y 42.45
RMS x 31.79
RMS y 51.23
side N [adc counts]
side P [adc counts]

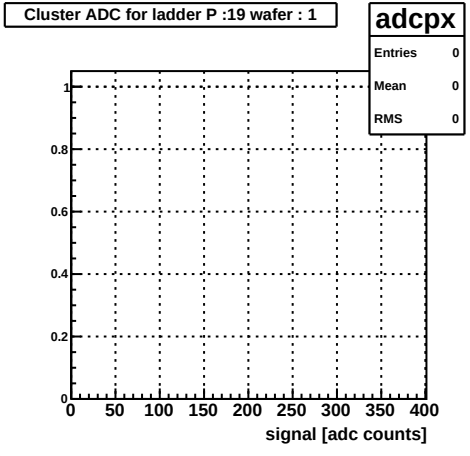

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 5955
Mean 34.5
RMS 23.06
signal [adc counts]

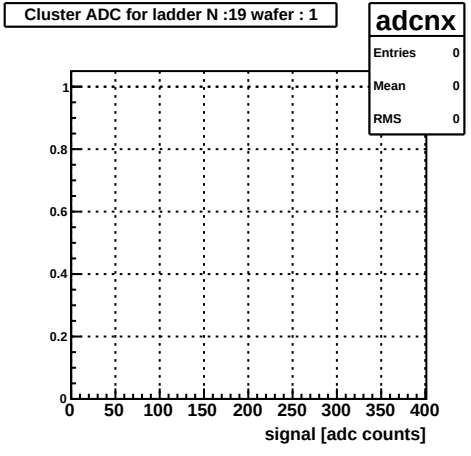

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 4701
Mean 33.3
RMS 30.26
signal [adc counts]

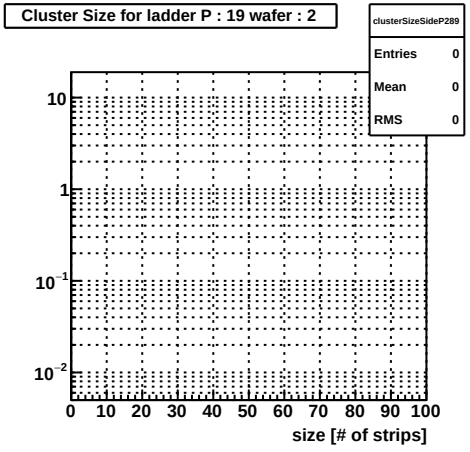

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

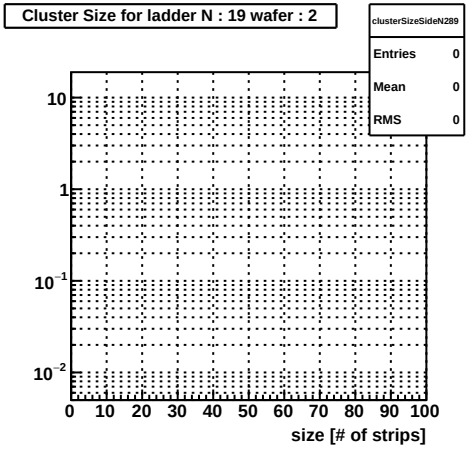

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

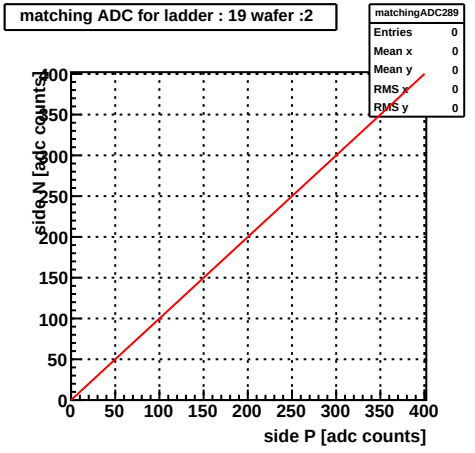

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

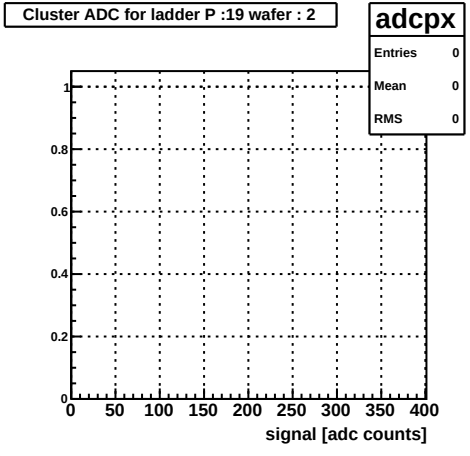

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

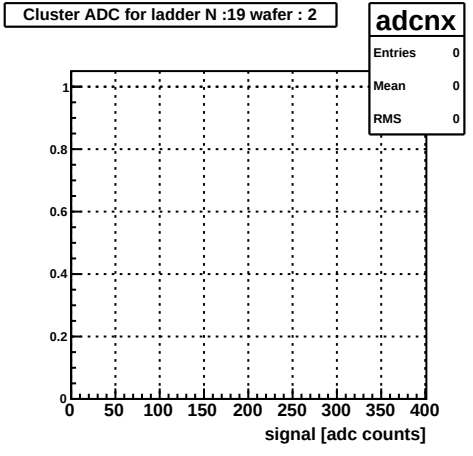

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

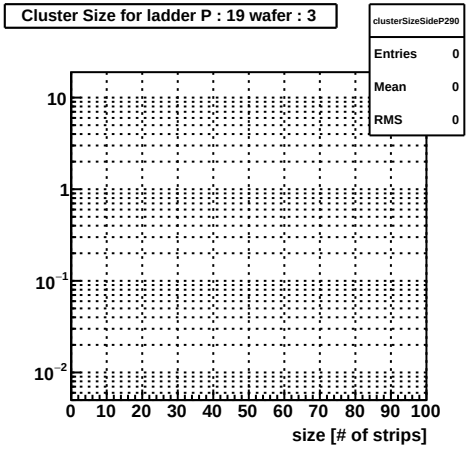

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

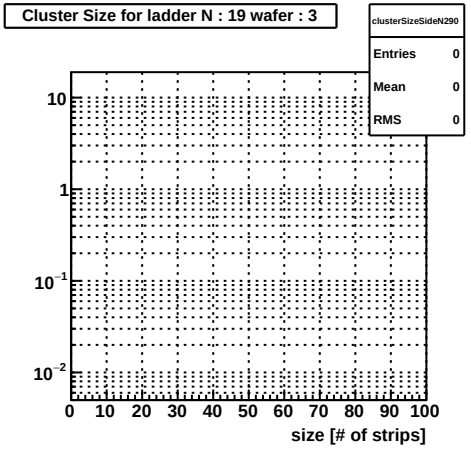

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

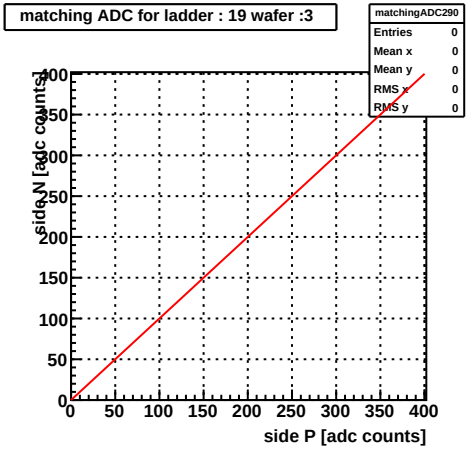

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

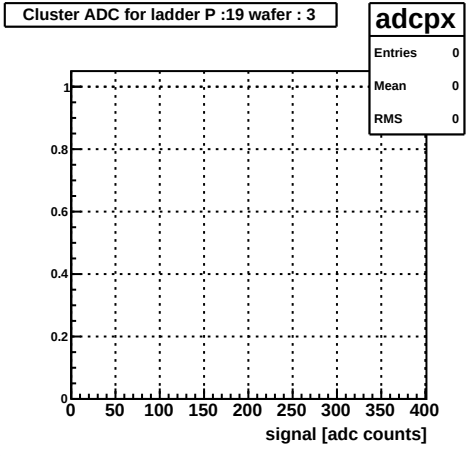

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

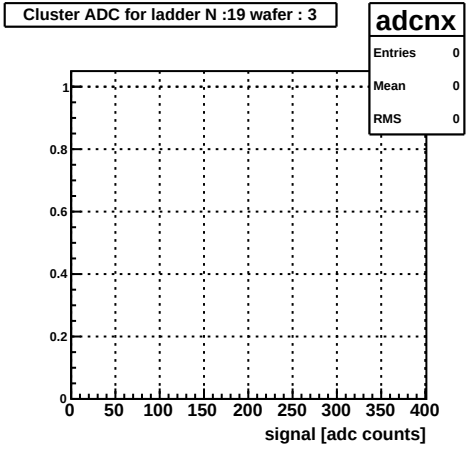

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

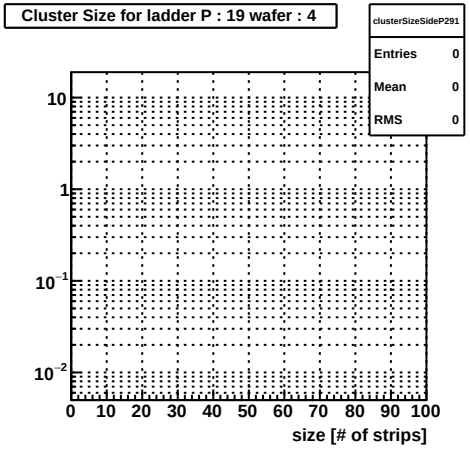

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

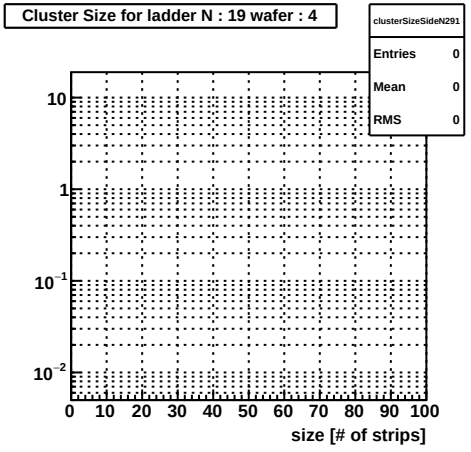

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

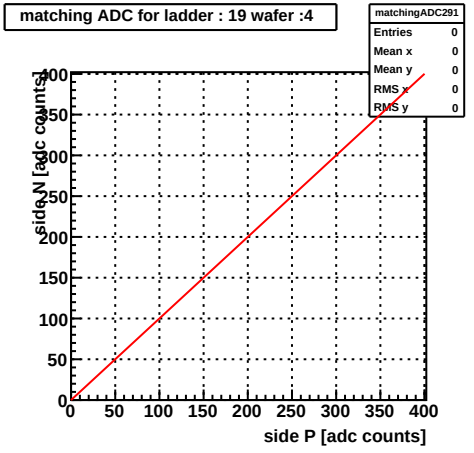

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

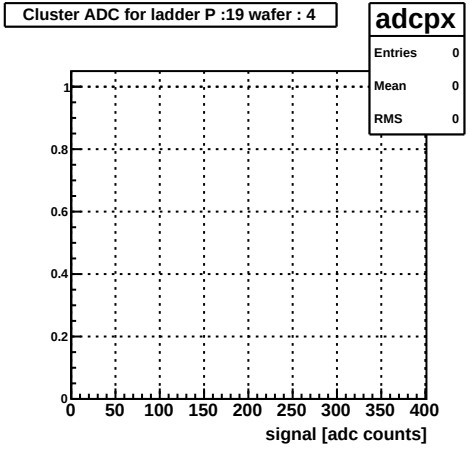

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

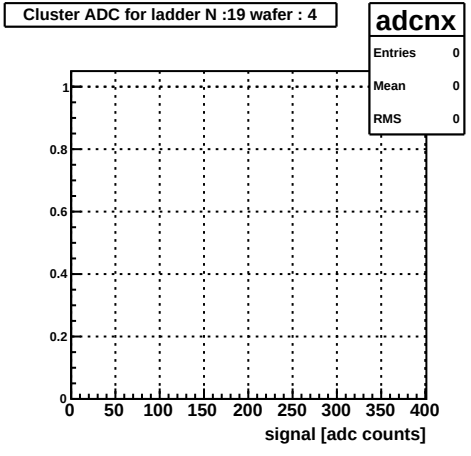

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

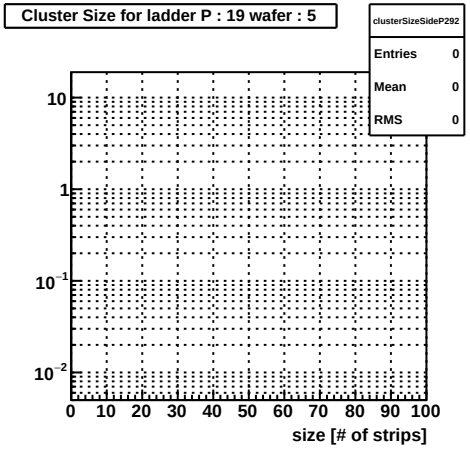

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

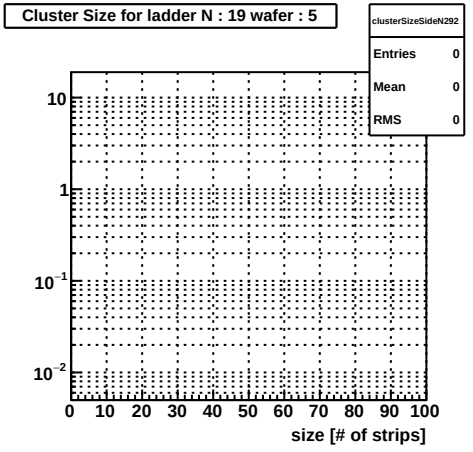

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

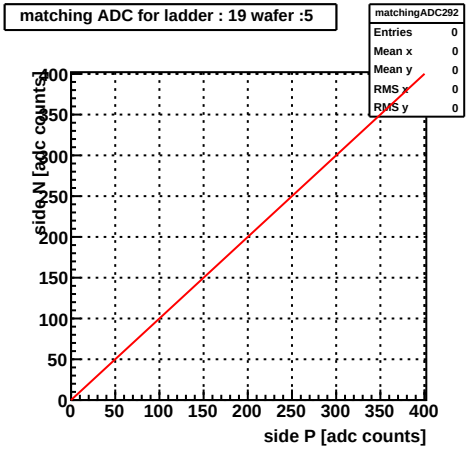

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

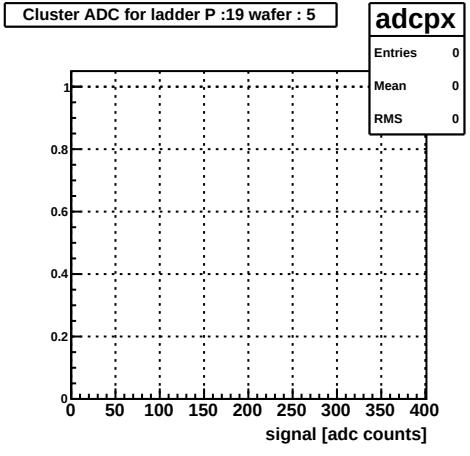

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

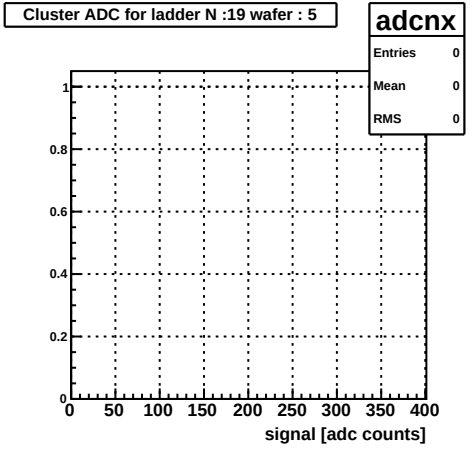

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

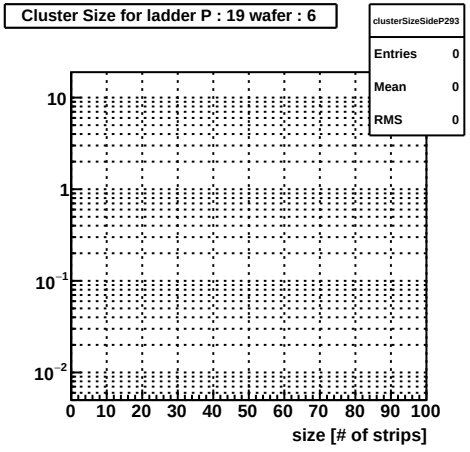

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

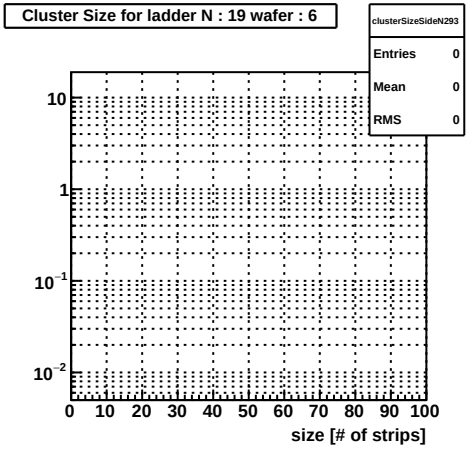

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

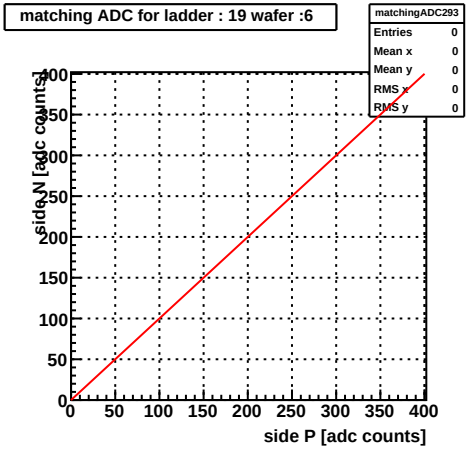

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

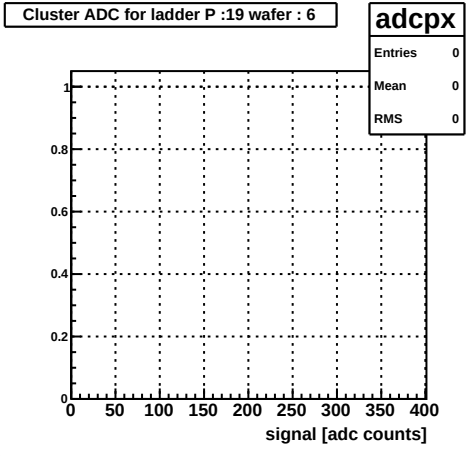

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

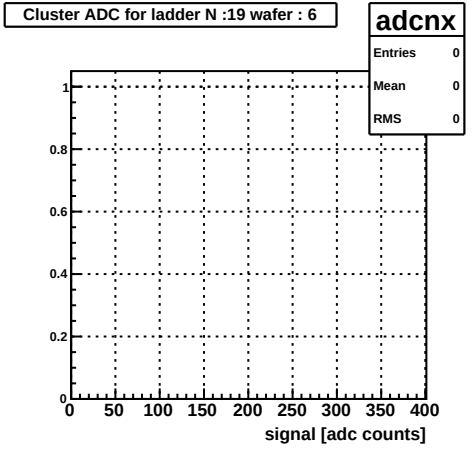

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

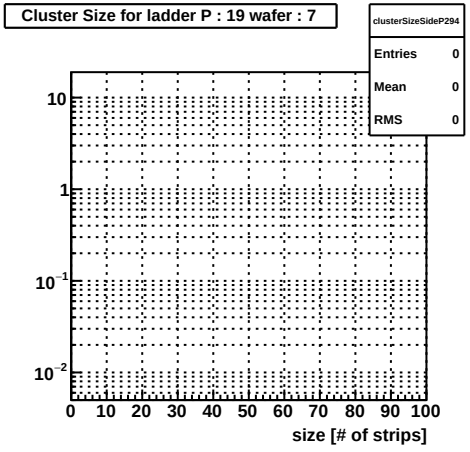

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

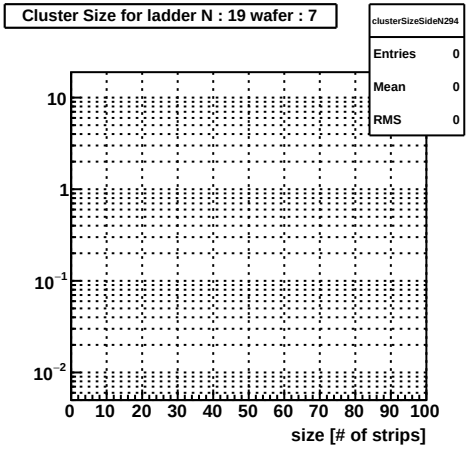

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

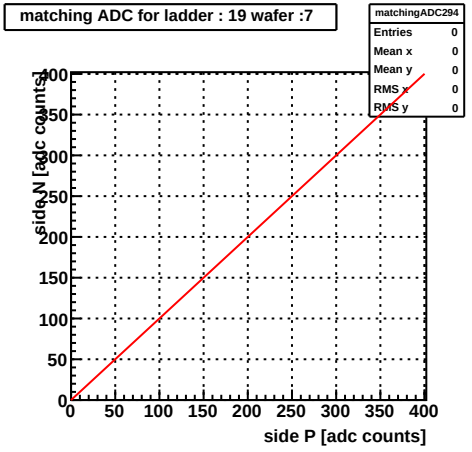

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

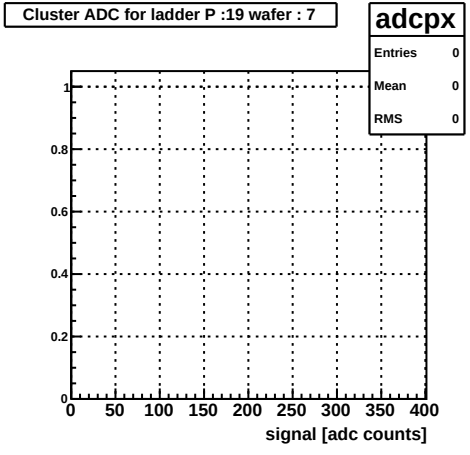

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

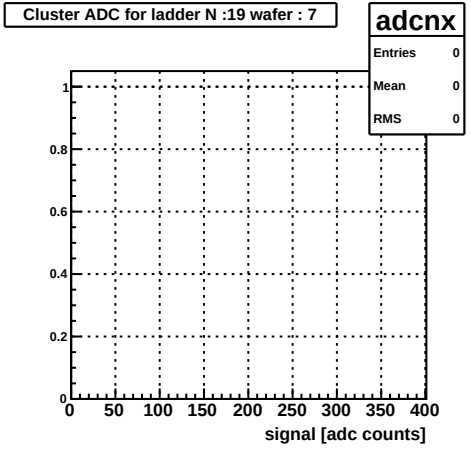

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

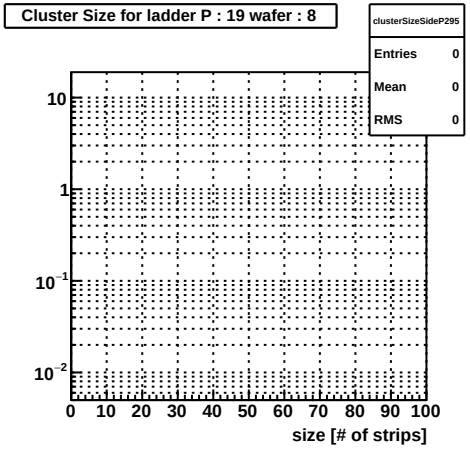

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

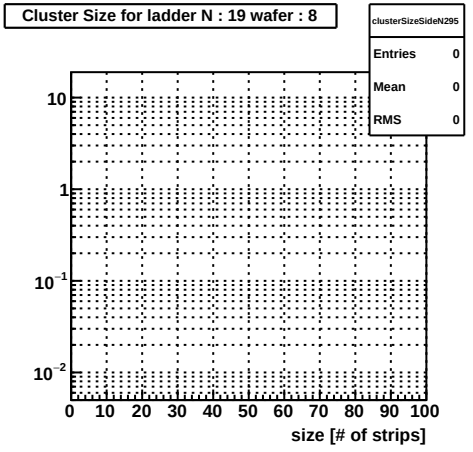

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

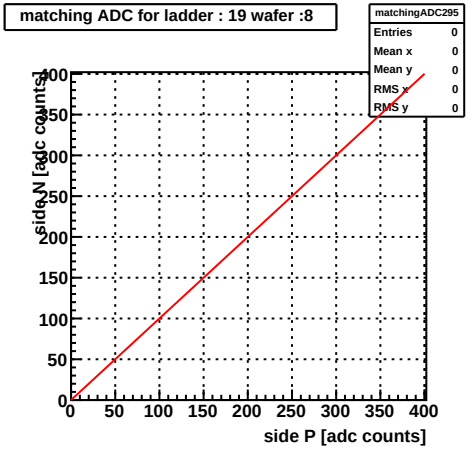

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

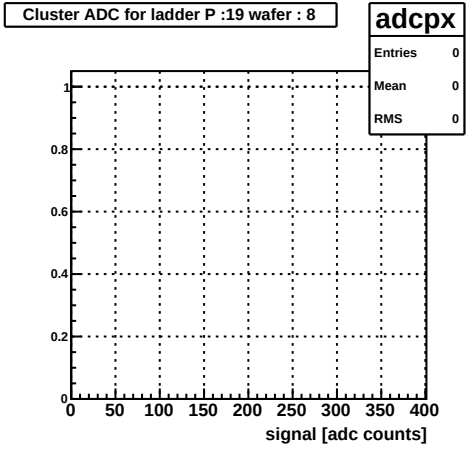

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

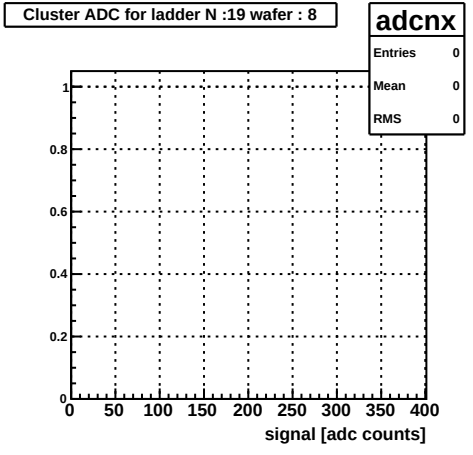

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

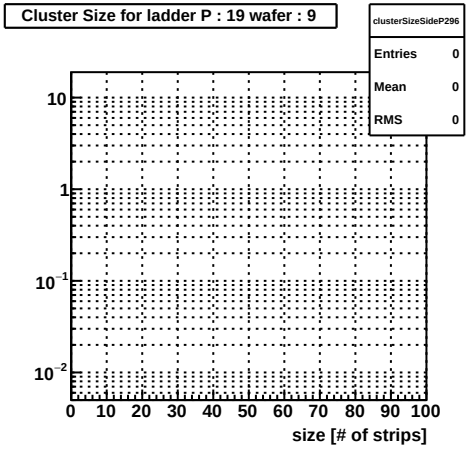

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

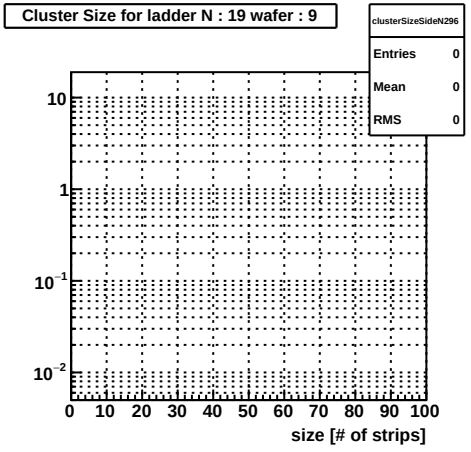

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

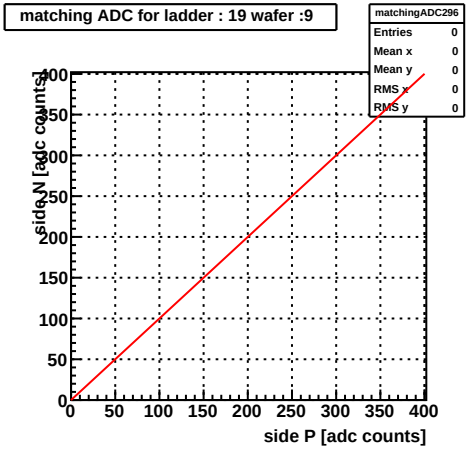

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

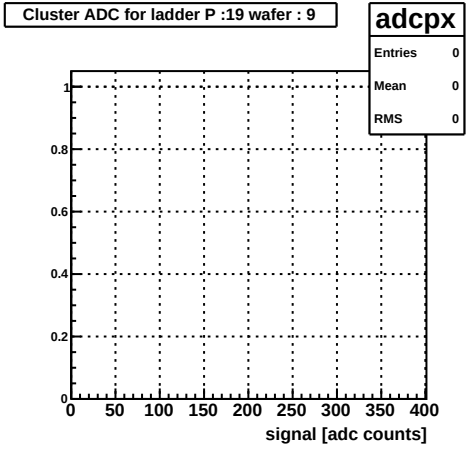

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

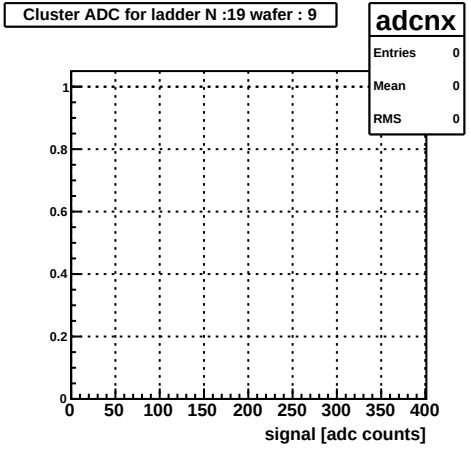

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

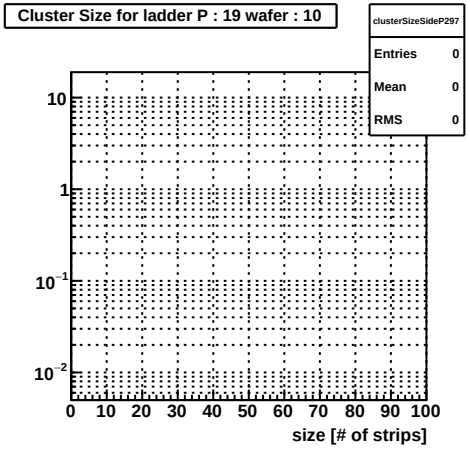

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

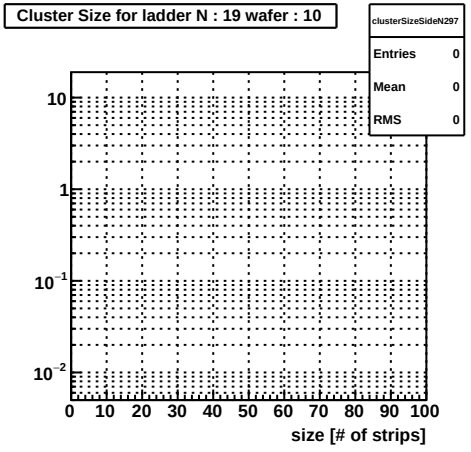

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

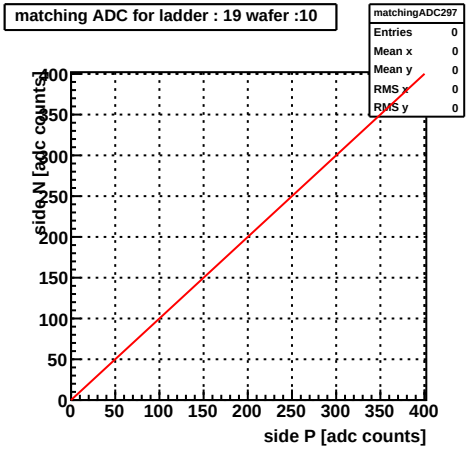

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

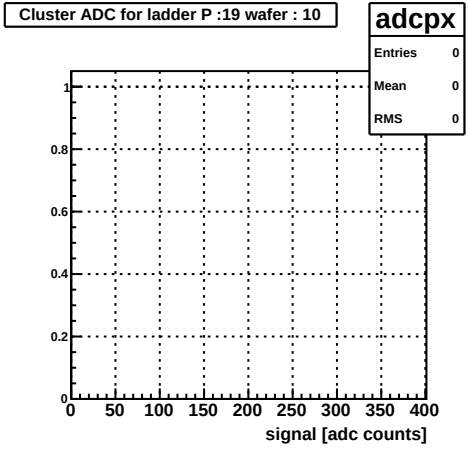

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

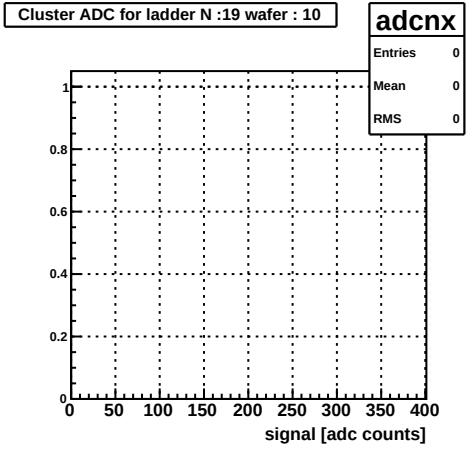

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

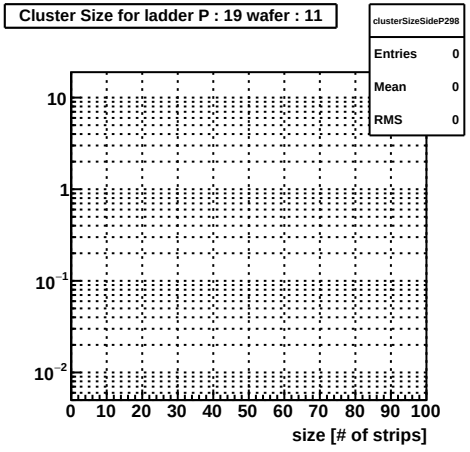

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

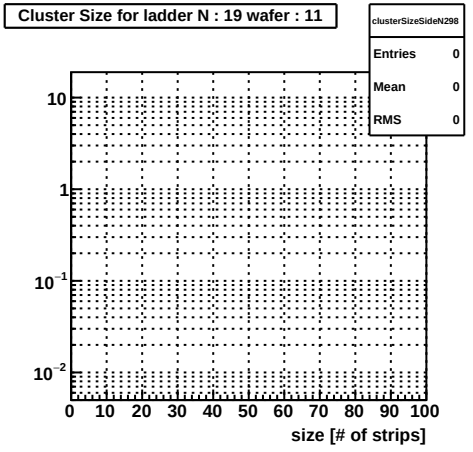

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

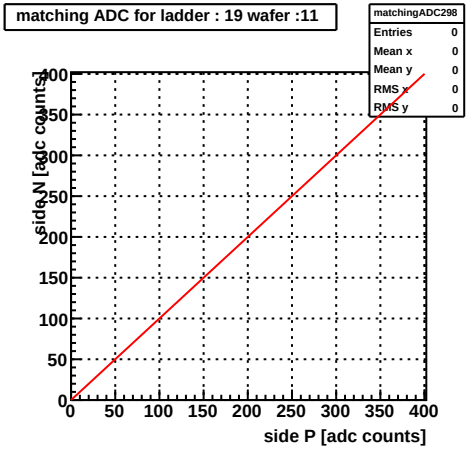

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

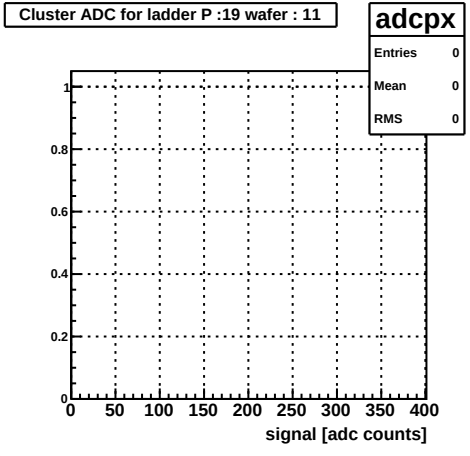

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

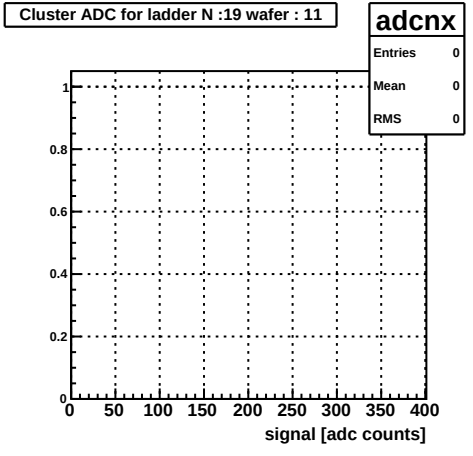

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

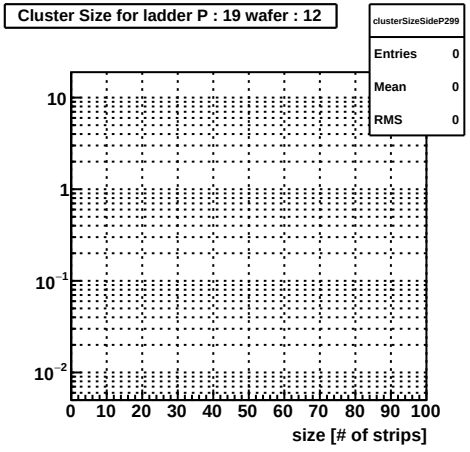

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

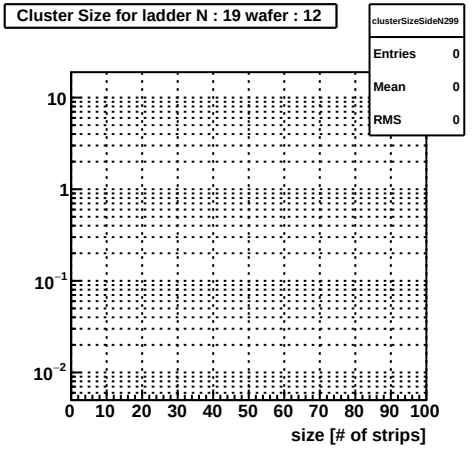

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

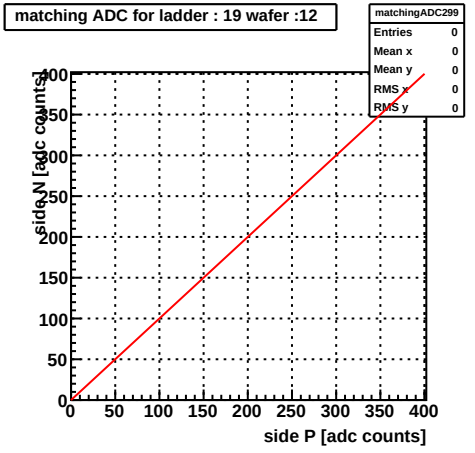

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

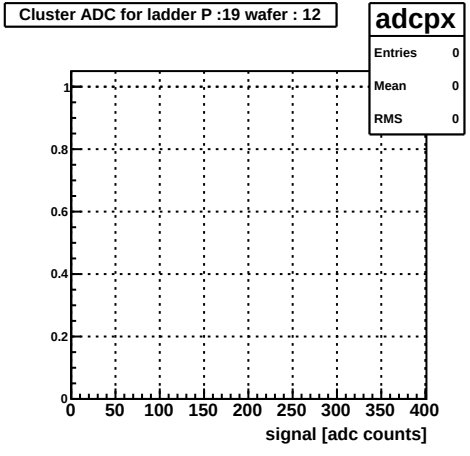

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

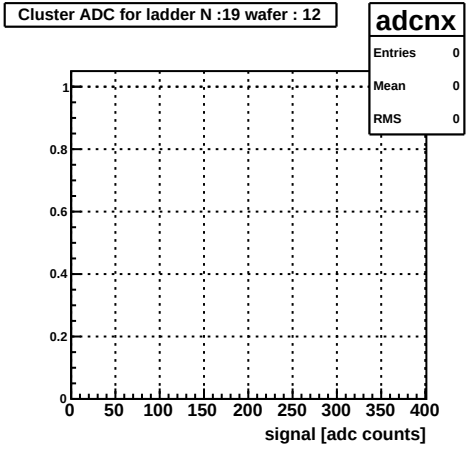

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

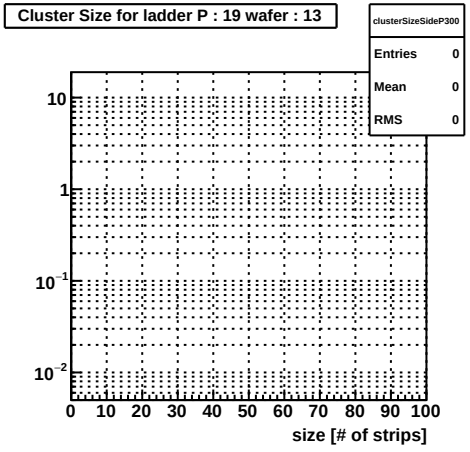

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

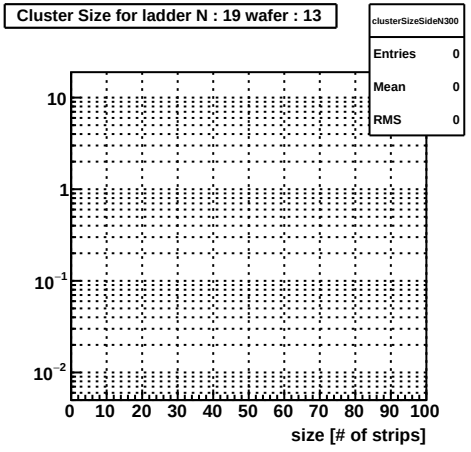

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

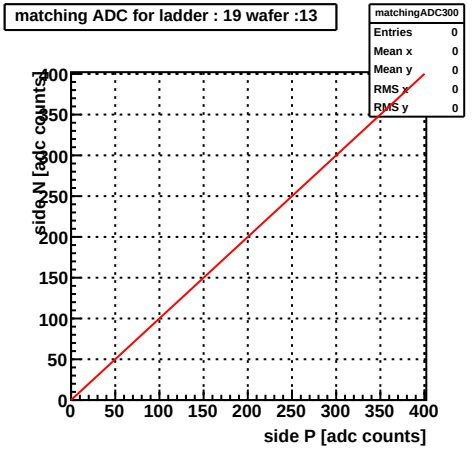

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

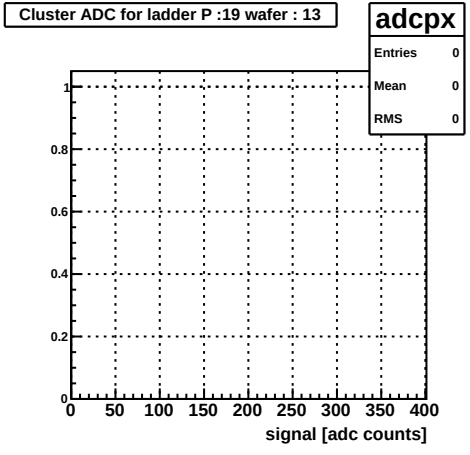

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

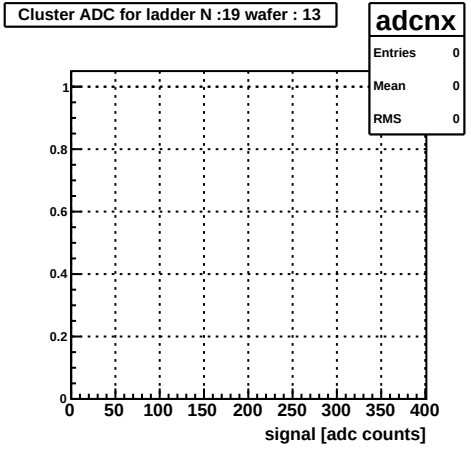

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

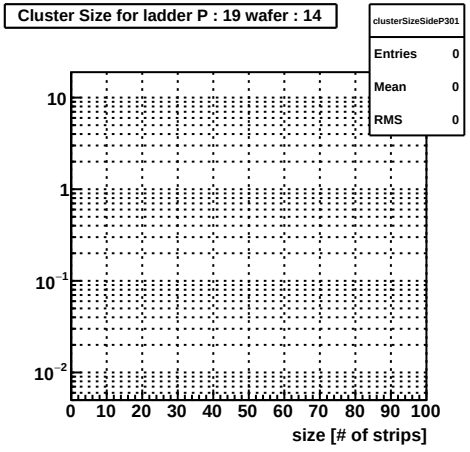

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

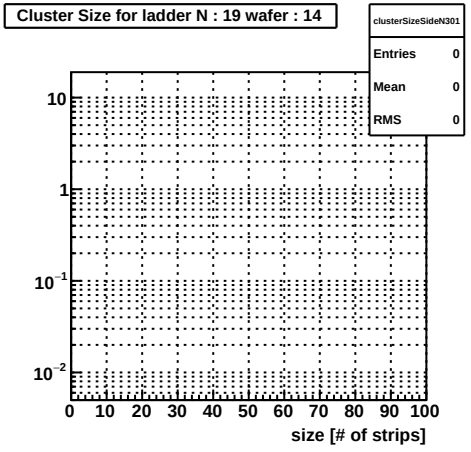

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

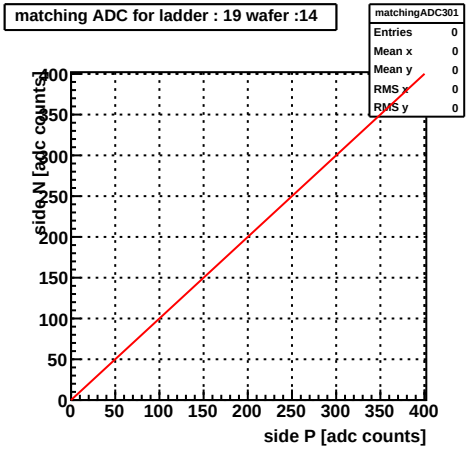

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

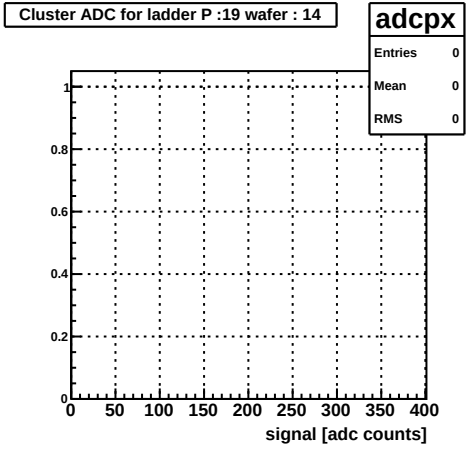

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

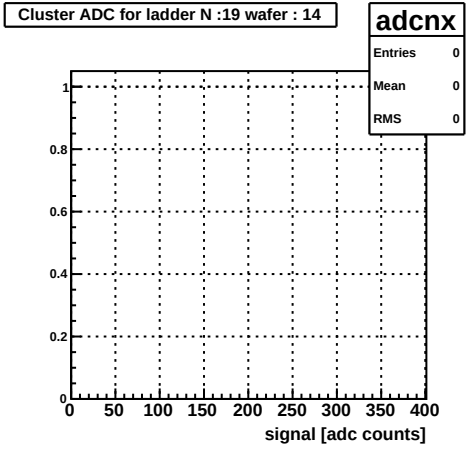

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

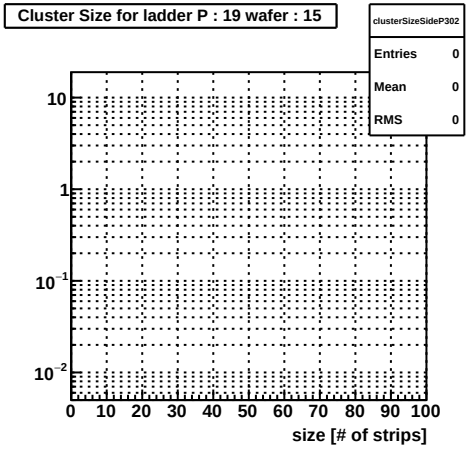

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

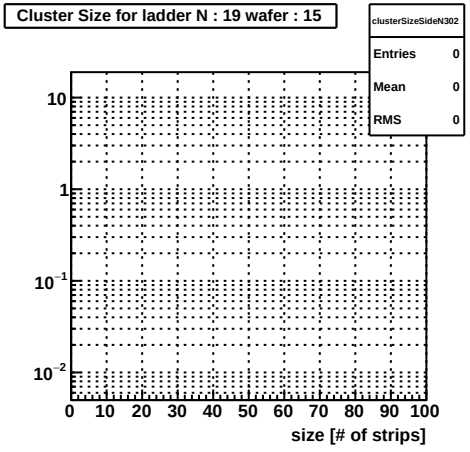

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

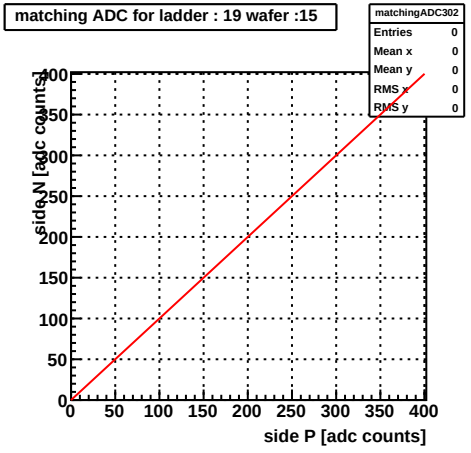

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

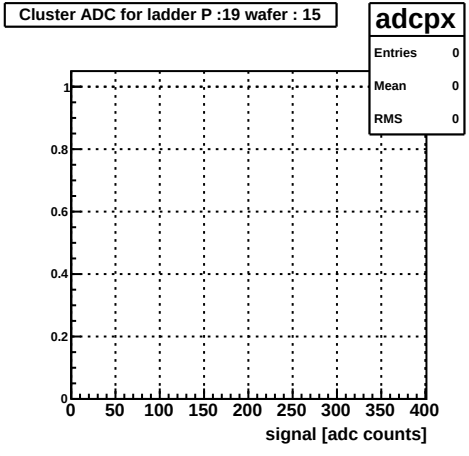

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

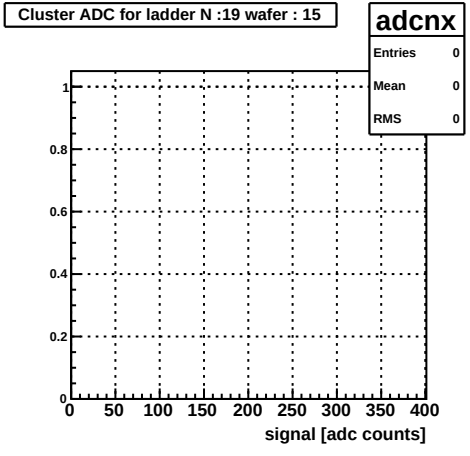

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

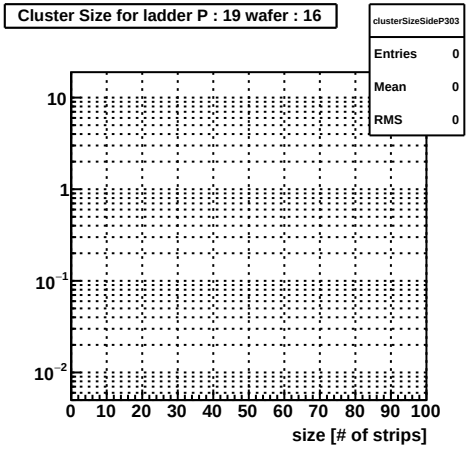

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

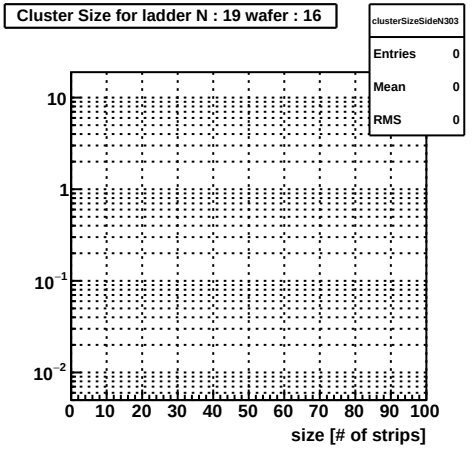

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

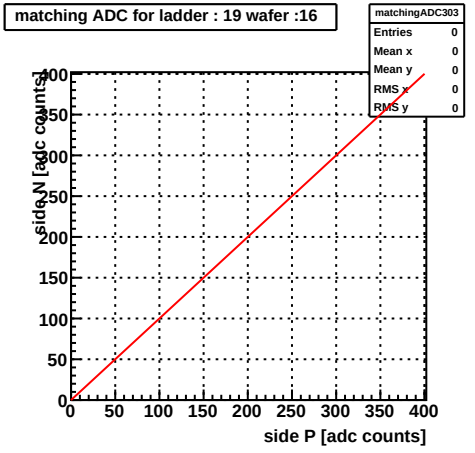

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

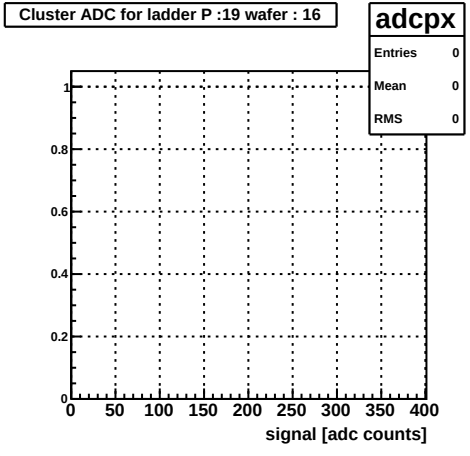

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

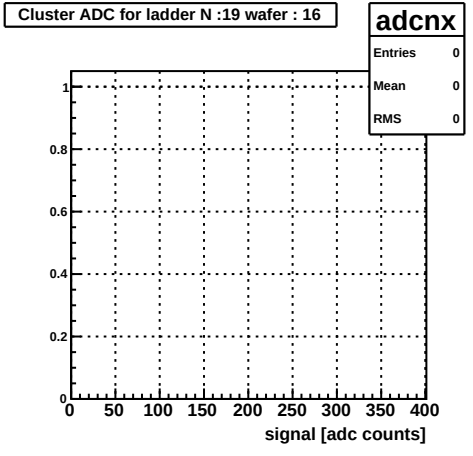

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

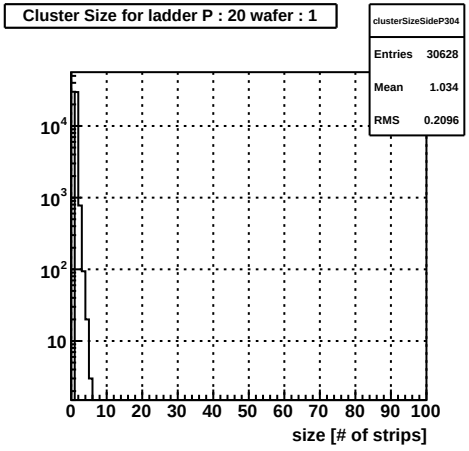

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

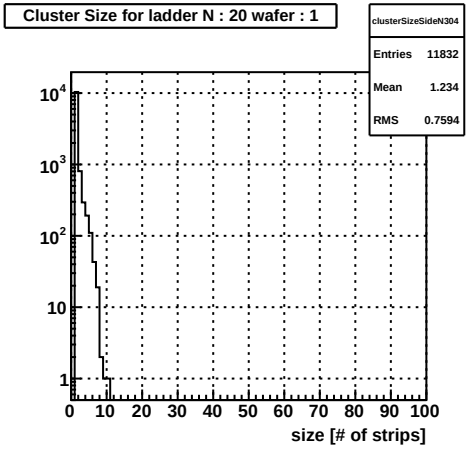

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

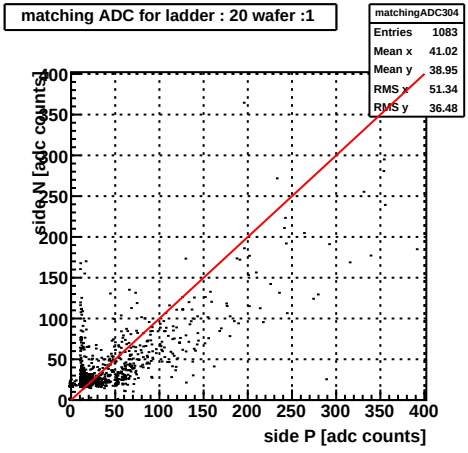

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

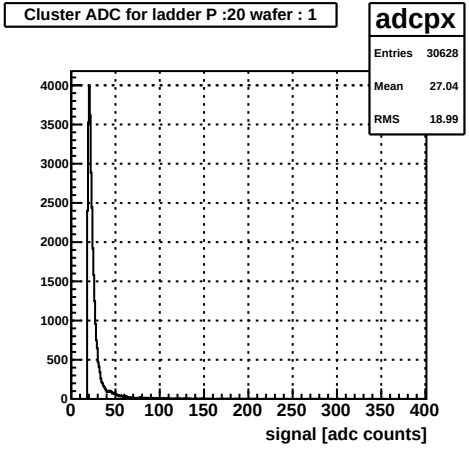

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

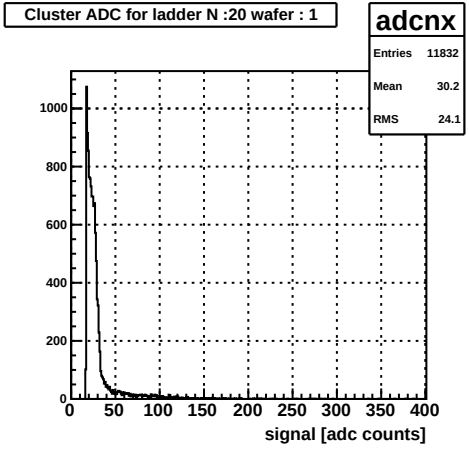

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

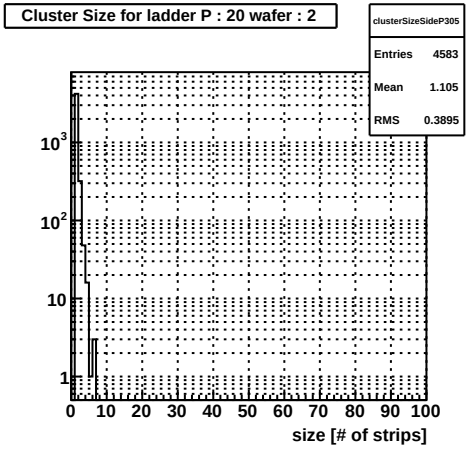

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 30628
Mean 1.034
RMS 0.2096
size [# of strips]

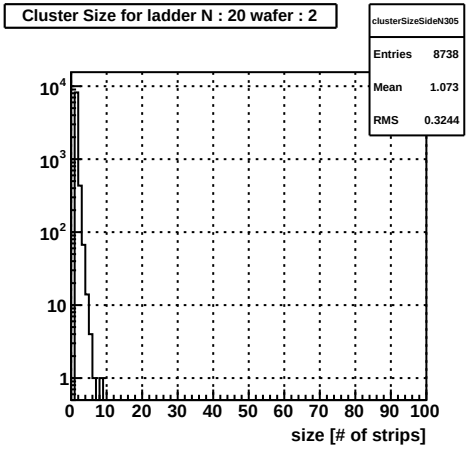

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 11832
Mean 1.234
RMS 0.7594
size [# of strips]

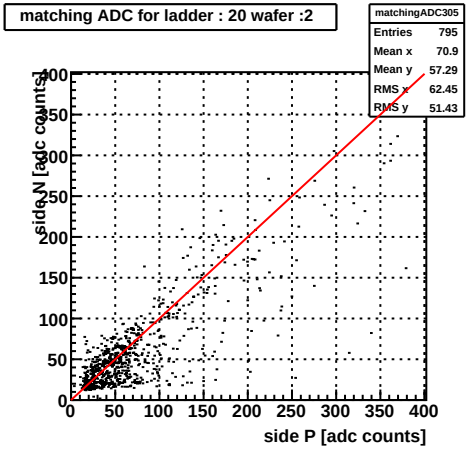

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 1083
Mean x 41.02
Mean y 38.95
RMS x 51.34
RMS y 36.48
side N [adc counts]
side P [adc counts]

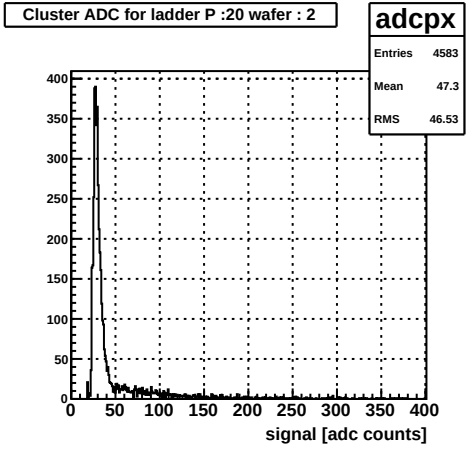

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 30628
Mean 27.04
RMS 18.99
signal [adc counts]

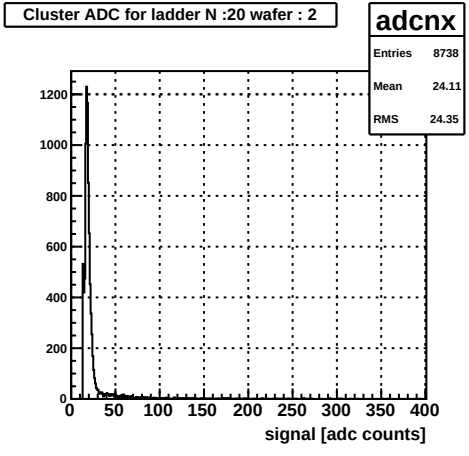

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 11832
Mean 30.2
RMS 24.1
signal [adc counts]

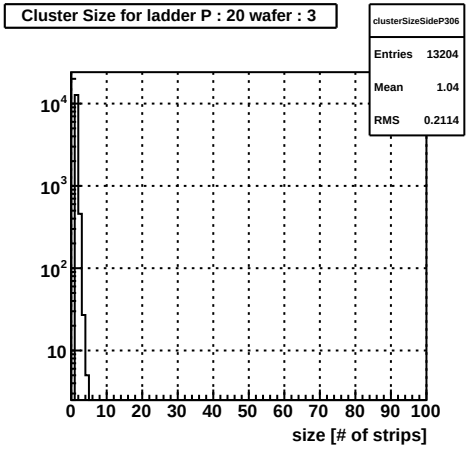

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 4583
Mean 1.105
RMS 0.3895
size [# of strips]

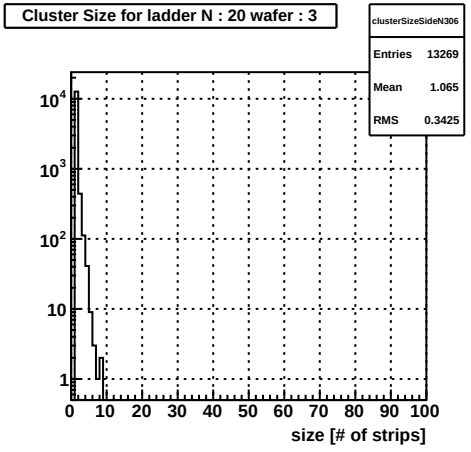

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 8738
Mean 1.073
RMS 0.3244
size [# of strips]

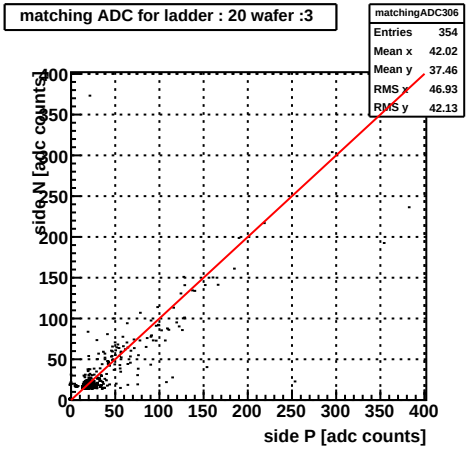

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 795
Mean x 70.9
Mean y 57.29
RMS x 62.45
RMS y 51.43
side N [adc counts]
side P [adc counts]

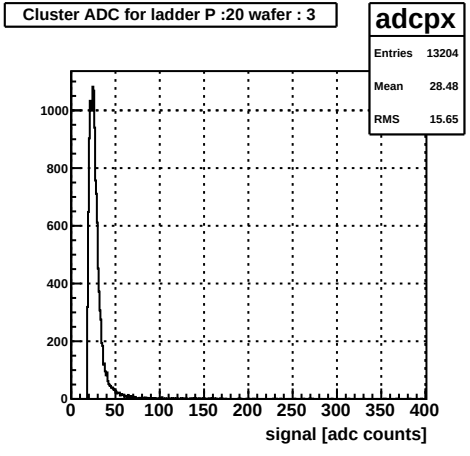

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 4583
Mean 47.3
RMS 46.53
signal [adc counts]

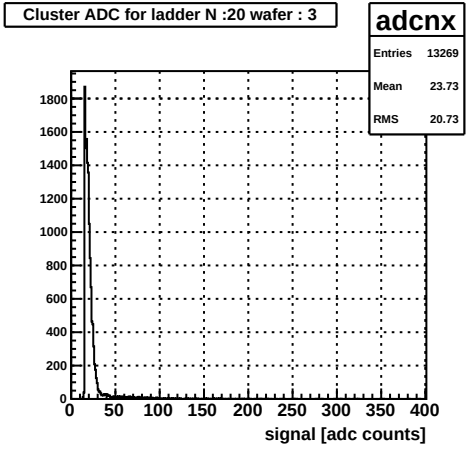

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 8738
Mean 24.11
RMS 24.35
signal [adc counts]

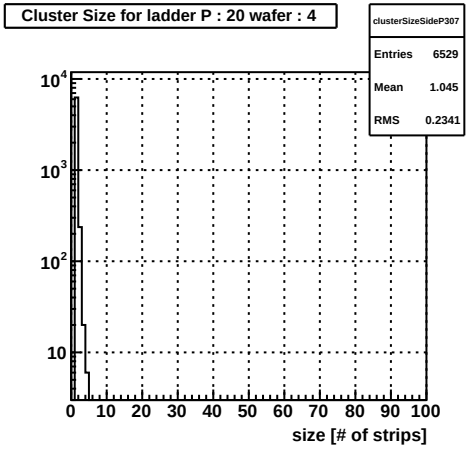

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 13204
Mean 1.04
RMS 0.2114
size [# of strips]

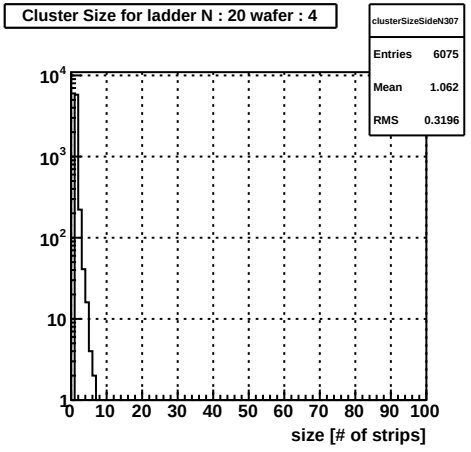

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 13269
Mean 1.065
RMS 0.3425
size [# of strips]

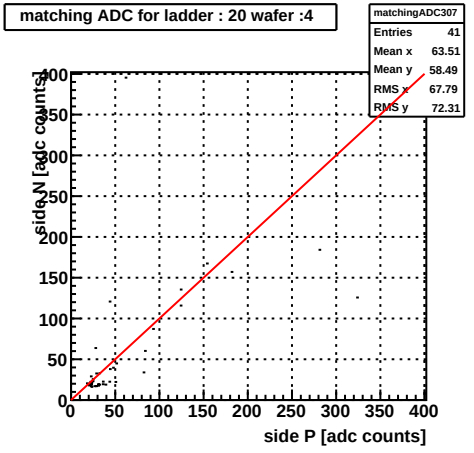

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 354
Mean x 42.02
Mean y 37.46
RMS x 46.93
RMS y 42.13
side N [adc counts]
side P [adc counts]

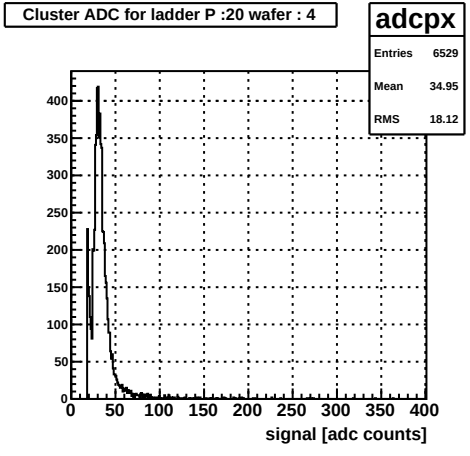

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 13204
Mean 28.48
RMS 15.65
signal [adc counts]

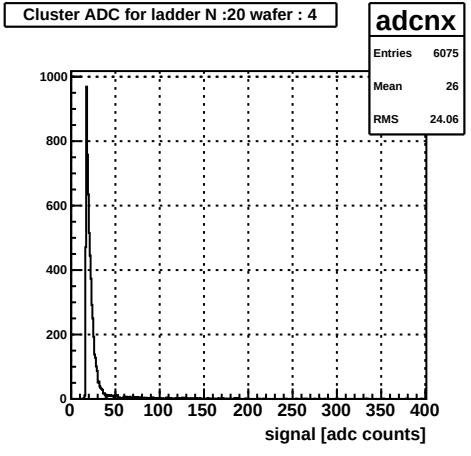

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 13269
Mean 23.73
RMS 20.73
signal [adc counts]

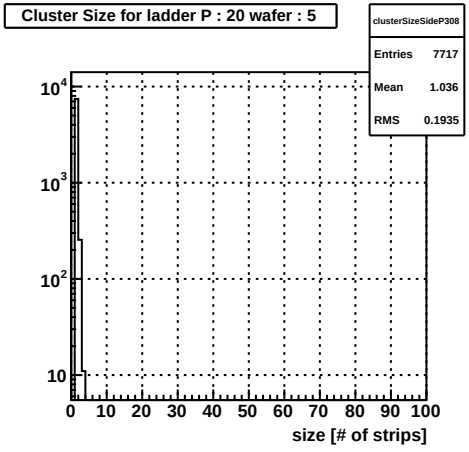

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 6529
Mean 1.045
RMS 0.2341
size [# of strips]

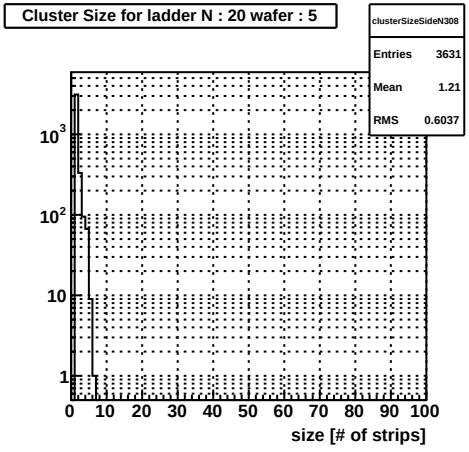

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 6075
Mean 1.062
RMS 0.3196
size [# of strips]

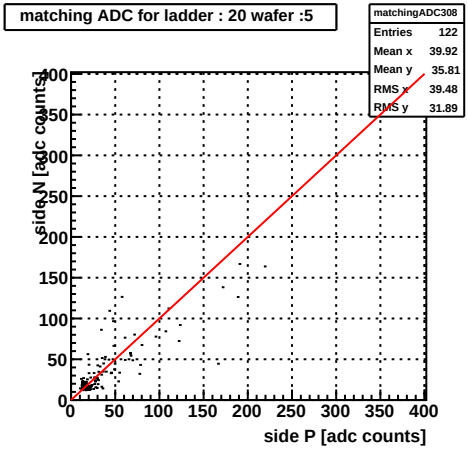

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 41
Mean x 63.51
Mean y 58.49
RMS x 67.79
RMS y 72.31
side N [adc counts]
side P [adc counts]

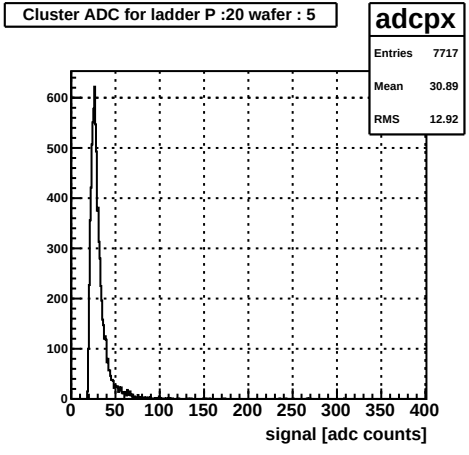

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 6529
Mean 34.95
RMS 18.12
signal [adc counts]

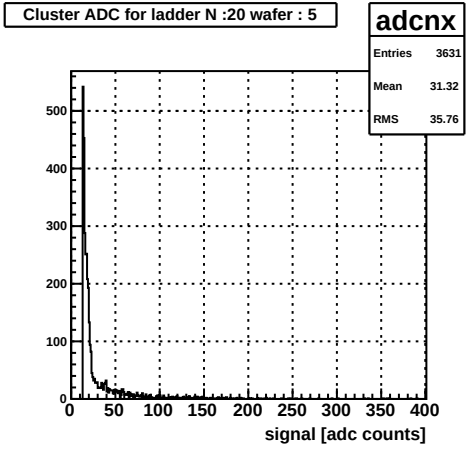

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 6075
Mean 26
RMS 24.06
signal [adc counts]

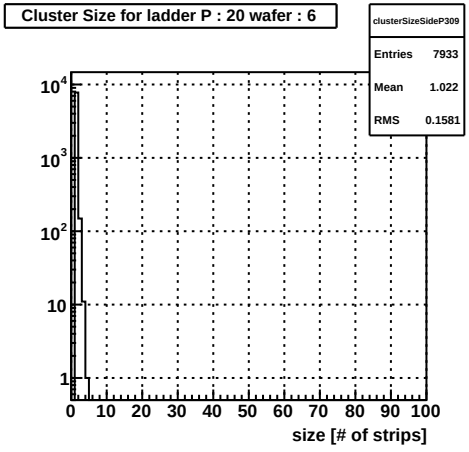

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 7717
Mean 1.036
RMS 0.1935
size [# of strips]

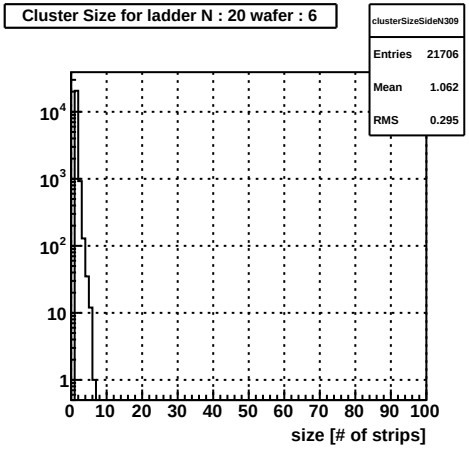

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 3631
Mean 1.21
RMS 0.6037
size [# of strips]

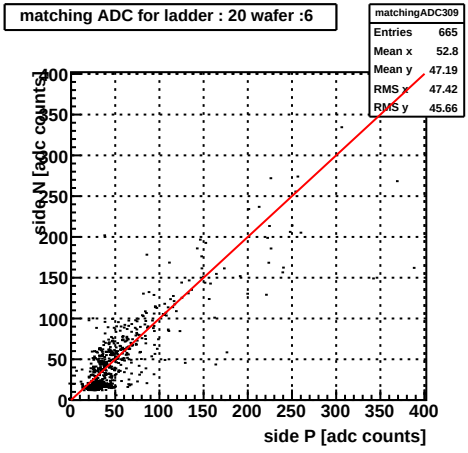

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 122
Mean x 39.92
Mean y 35.81
RMS x 39.48
RMS y 31.89
side N [adc counts]
side P [adc counts]

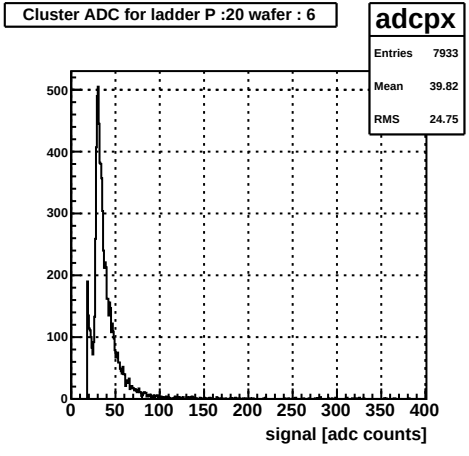

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 7717
Mean 30.89
RMS 12.92
signal [adc counts]

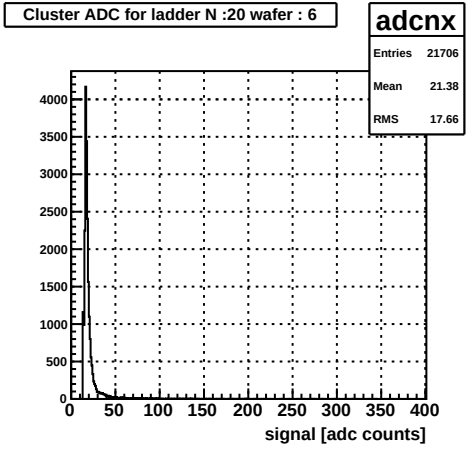

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 3631
Mean 31.32
RMS 35.76
signal [adc counts]

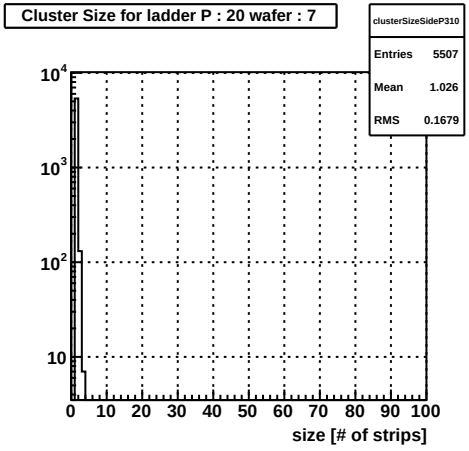

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 7933
Mean 1.022
RMS 0.1581
size [# of strips]

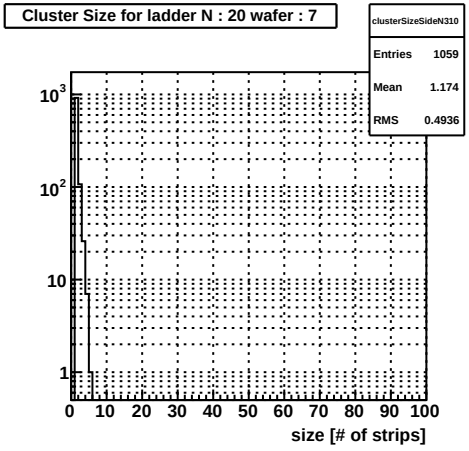

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 21706
Mean 1.062
RMS 0.295
size [# of strips]

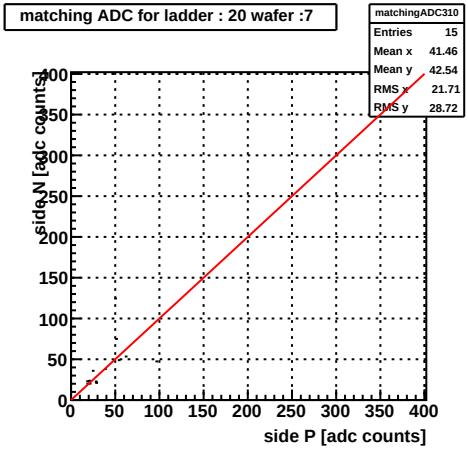

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 665
Mean x 52.8
Mean y 47.19
RMS x 47.42
RMS y 45.66
side N [adc counts]
side P [adc counts]

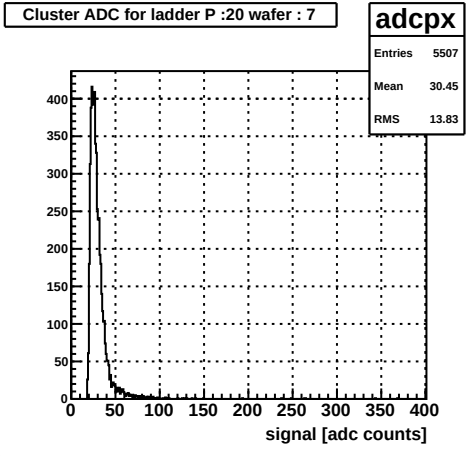

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 7933
Mean 39.82
RMS 24.75
signal [adc counts]

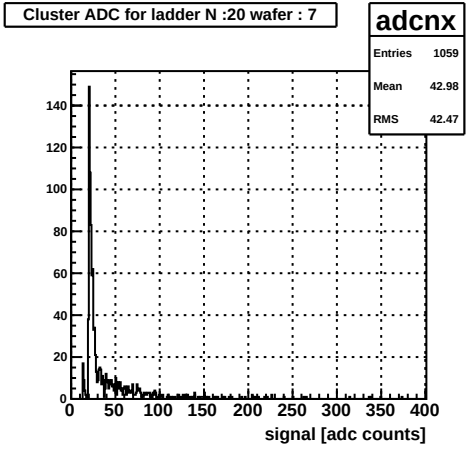

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 21706
Mean 21.38
RMS 17.66
signal [adc counts]

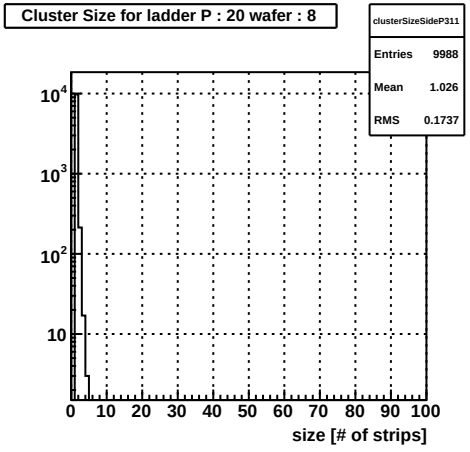

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 5507
Mean 1.026
RMS 0.1679
size [# of strips]

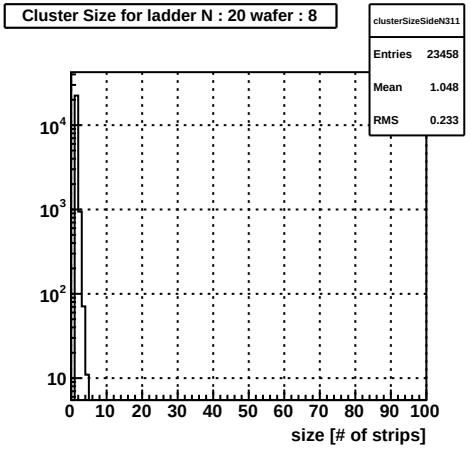

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 1059
Mean 1.174
RMS 0.4936
size [# of strips]

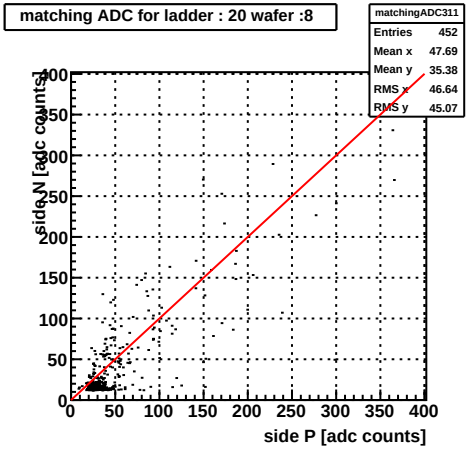

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 15
Mean x 41.46
Mean y 42.54
RMS x 21.71
RMS y 28.72
side N [adc counts]
side P [adc counts]

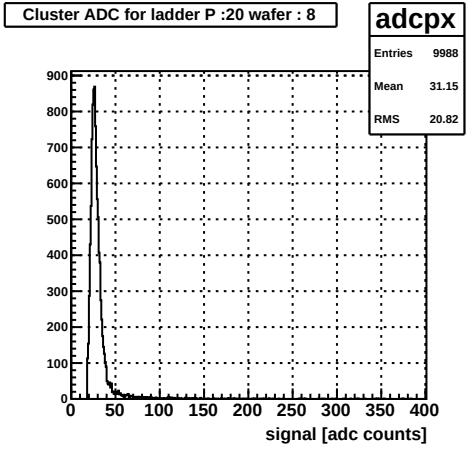

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 5507
Mean 30.45
RMS 13.83
signal [adc counts]

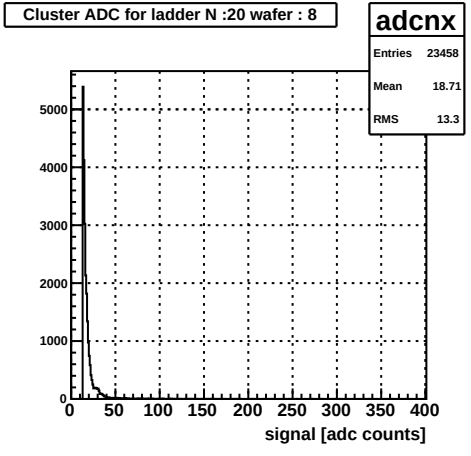

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 1059
Mean 42.98
RMS 42.47
signal [adc counts]

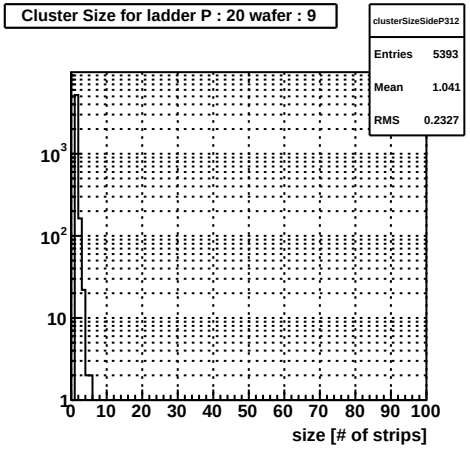

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 9988
Mean 1.026
RMS 0.1737
size [# of strips]

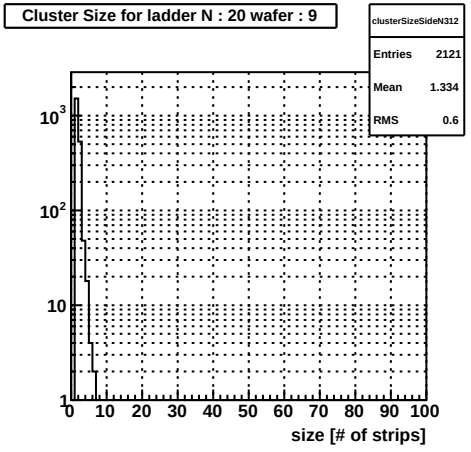

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 23458
Mean 1.048
RMS 0.233
size [# of strips]

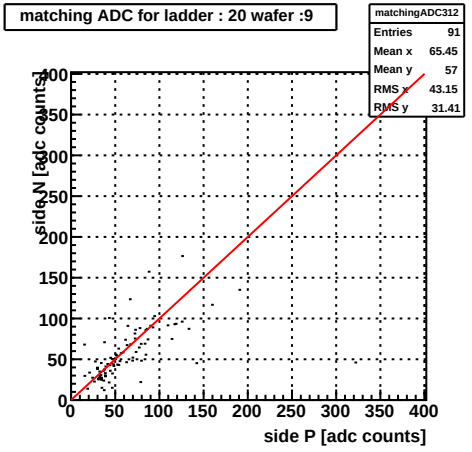

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 452
Mean x 47.69
Mean y 35.38
RMS x 46.64
RMS y 45.07
side N [adc counts]
side P [adc counts]

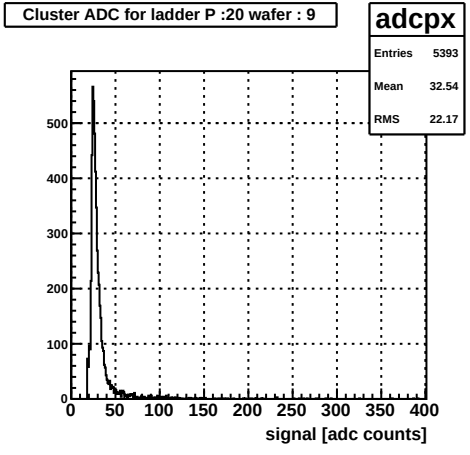

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 9988
Mean 31.15
RMS 20.82
signal [adc counts]

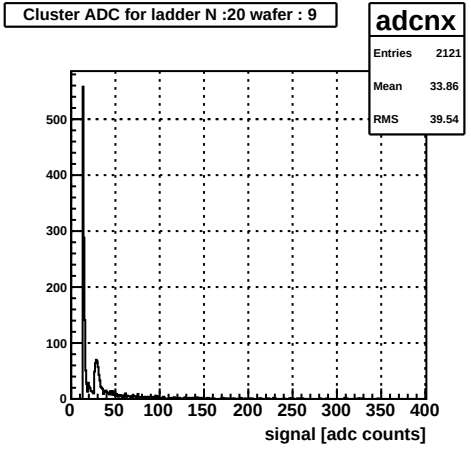

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 23458
Mean 18.71
RMS 13.3
signal [adc counts]

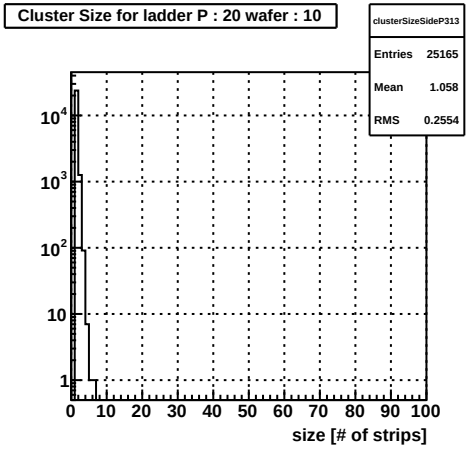

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 5393
Mean 1.041
RMS 0.2327
size [# of strips]

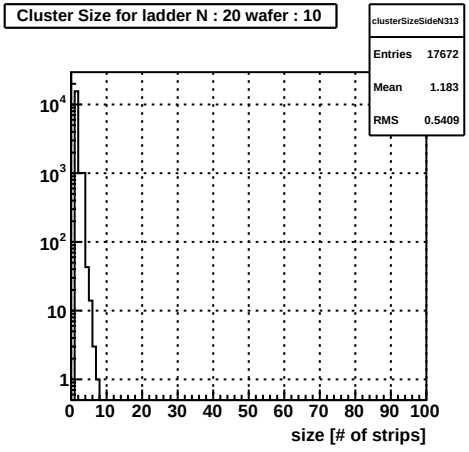

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 2121
Mean 1.334
RMS 0.6
size [# of strips]

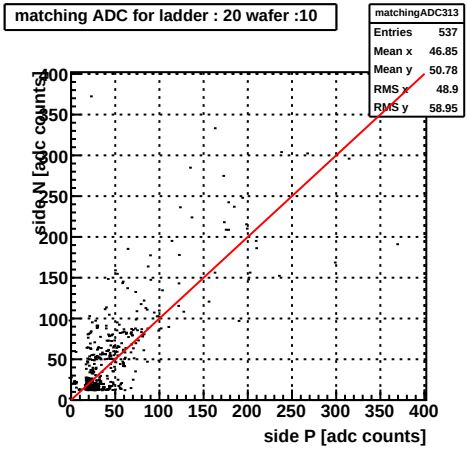

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 91
Mean x 65.45
Mean y 57
RMS x 43.15
RMS y 31.41
side N [adc counts]
side P [adc counts]

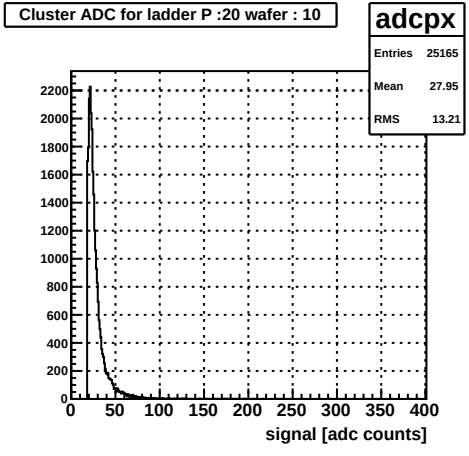

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 5393
Mean 32.54
RMS 22.17
signal [adc counts]

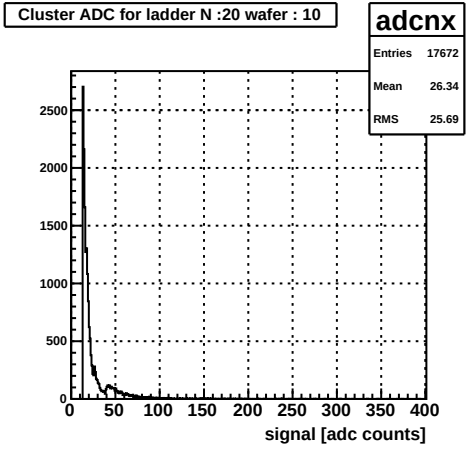

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 2121
Mean 33.86
RMS 39.54
signal [adc counts]

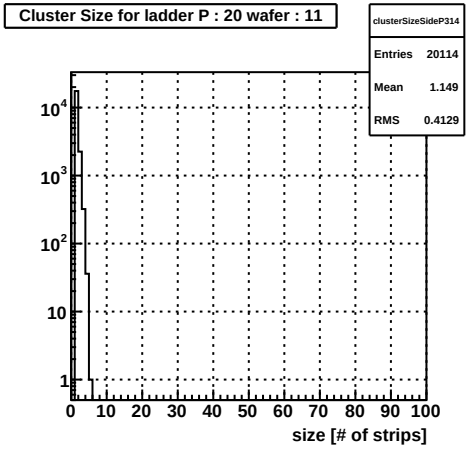

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 25165
Mean 1.058
RMS 0.2554
size [# of strips]

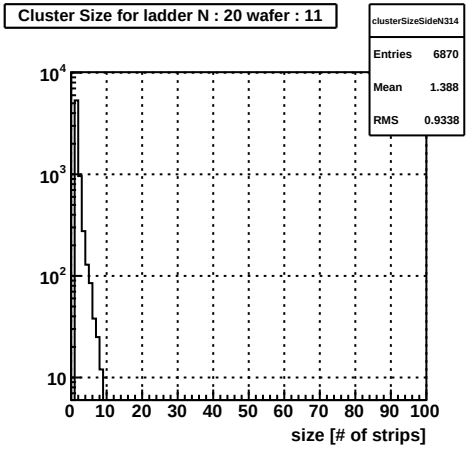

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 17672
Mean 1.183
RMS 0.5409
size [# of strips]

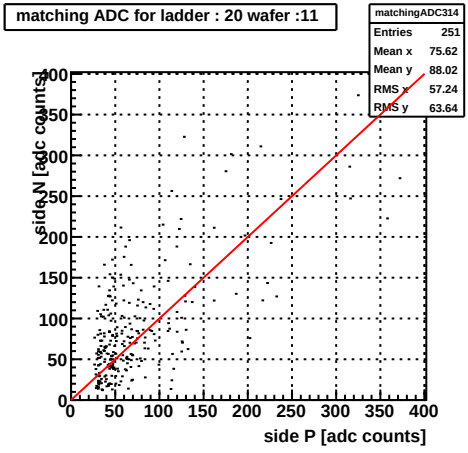

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 537
Mean x 46.85
Mean y 50.78
RMS x 48.9
RMS y 58.95
side N [adc counts]
side P [adc counts]

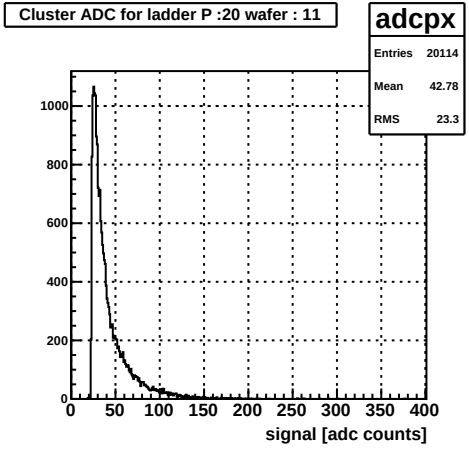

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 25165
Mean 27.95
RMS 13.21
signal [adc counts]

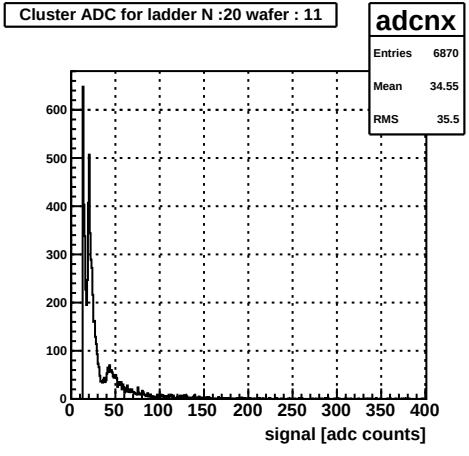

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 17672
Mean 26.34
RMS 25.69
signal [adc counts]

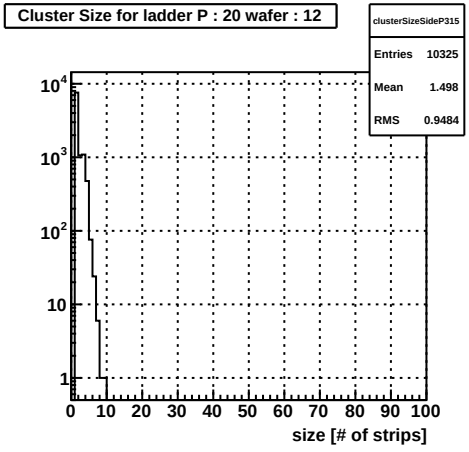

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 20114
Mean 1.149
RMS 0.4129
size [# of strips]

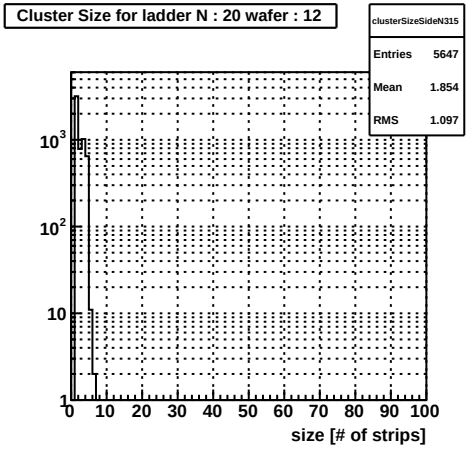

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 6870
Mean 1.388
RMS 0.9338
size [# of strips]

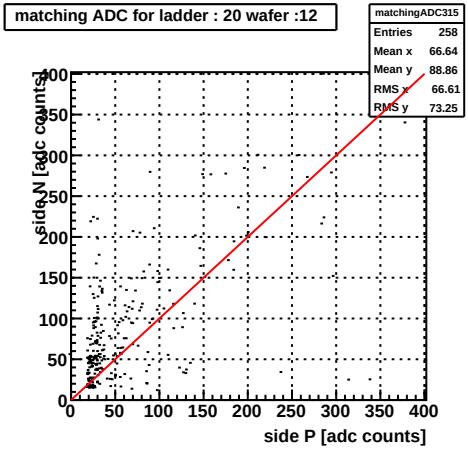

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 251
Mean x 75.62
Mean y 88.02
RMS x 57.24
RMS y 63.64
side N [adc counts]
side P [adc counts]

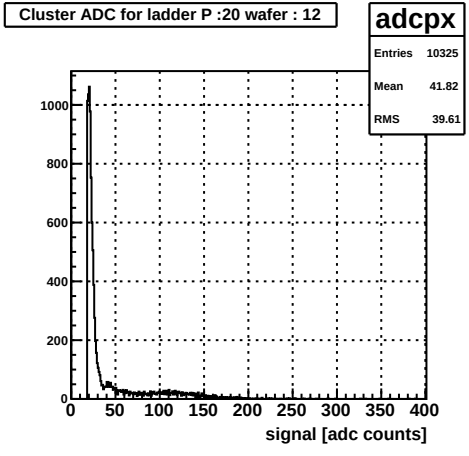

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 20114
Mean 42.78
RMS 23.3
signal [adc counts]

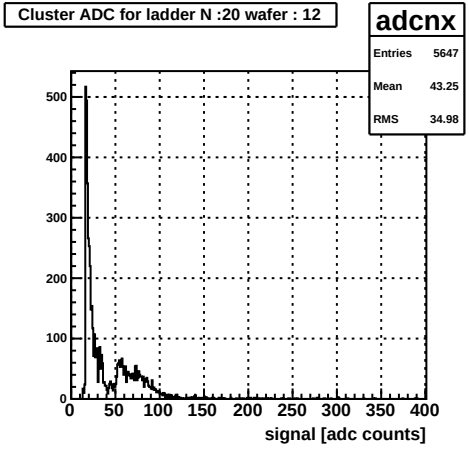

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 6870
Mean 34.55
RMS 35.5
signal [adc counts]

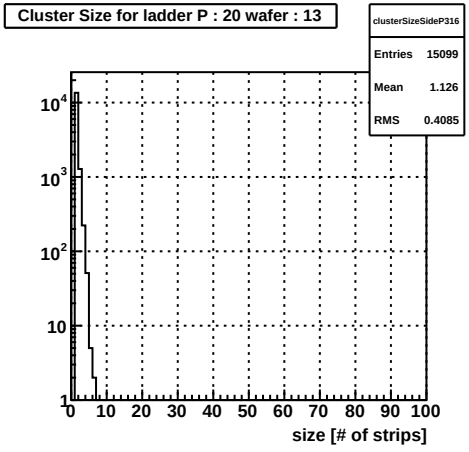

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 10325
Mean 1.498
RMS 0.9484
size [# of strips]

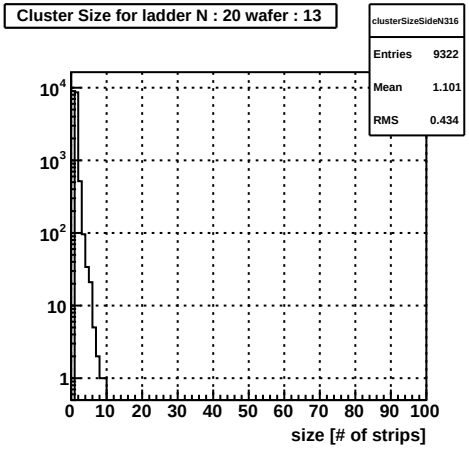

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 5647
Mean 1.854
RMS 1.097
size [# of strips]

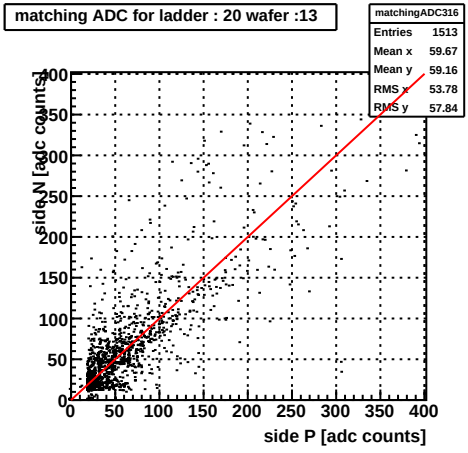

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 258
Mean x 66.64
Mean y 88.86
RMS x 66.61
RMS y 73.25
side N [adc counts]
side P [adc counts]

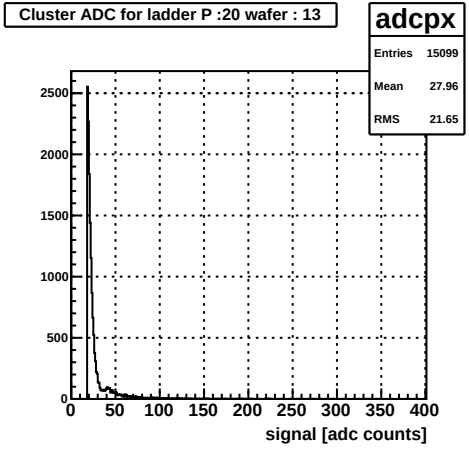

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 10325
Mean 41.82
RMS 39.61
signal [adc counts]

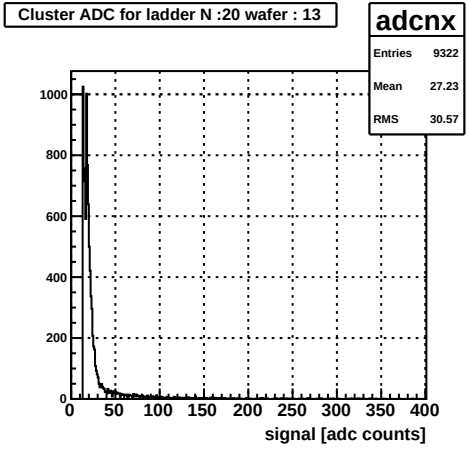

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 5647
Mean 43.25
RMS 34.98
signal [adc counts]

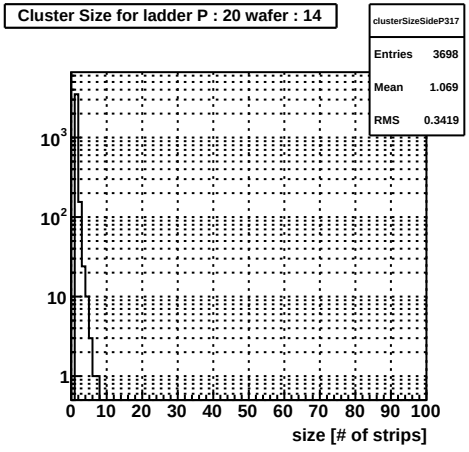

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 15099
Mean 1.126
RMS 0.4085
size [# of strips]

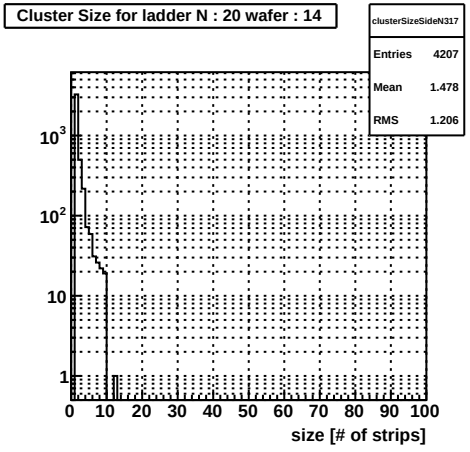

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 9322
Mean 1.101
RMS 0.434
size [# of strips]

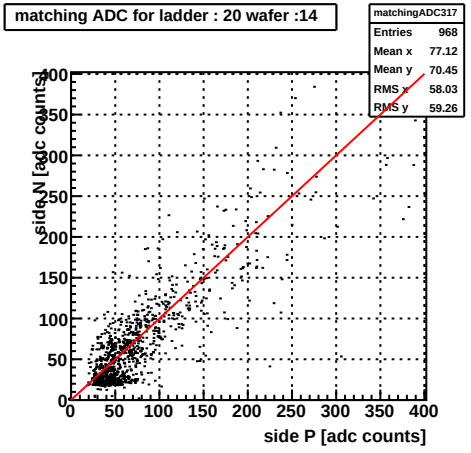

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 1513
Mean x 59.67
Mean y 59.16
RMS x 53.78
RMS y 57.84
side N [adc counts]
side P [adc counts]

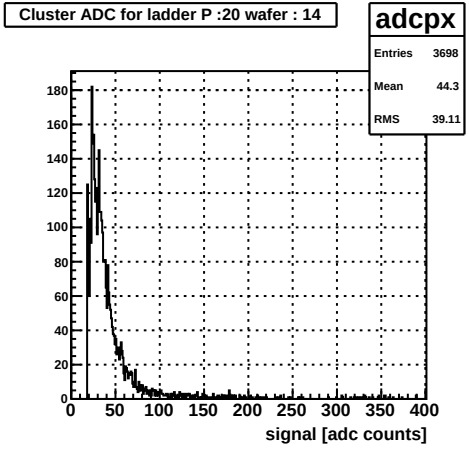

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 15099
Mean 27.96
RMS 21.65
signal [adc counts]

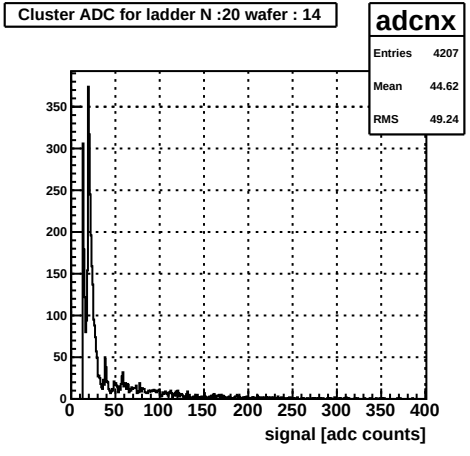

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 9322
Mean 27.23
RMS 30.57
signal [adc counts]

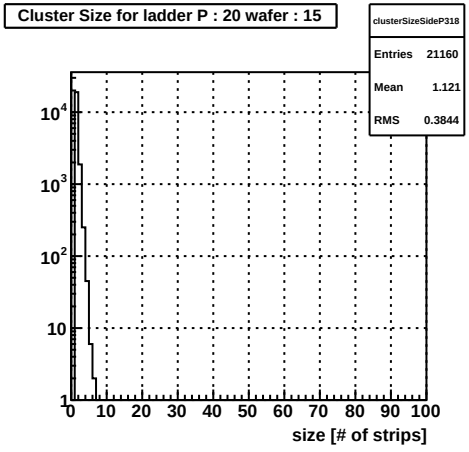

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 3698
Mean 1.069
RMS 0.3419
size [# of strips]

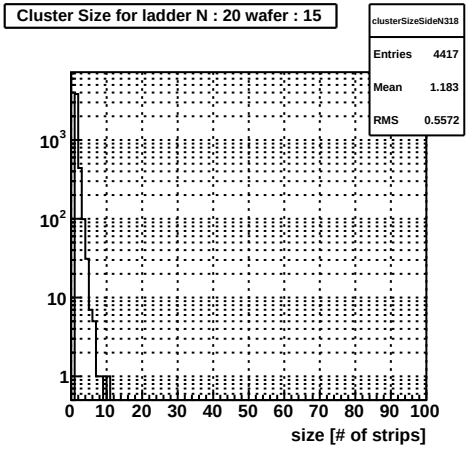

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 4207
Mean 1.478
RMS 1.206
size [# of strips]

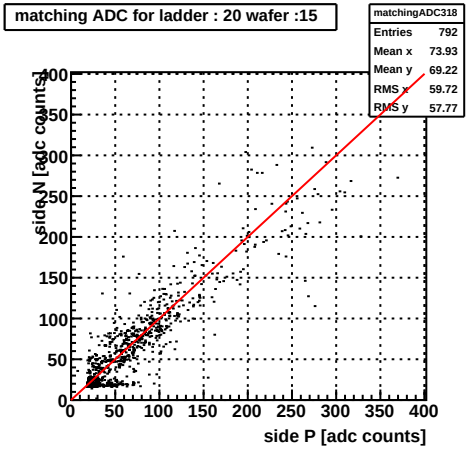

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 968
Mean x 77.12
Mean y 70.45
RMS x 58.03
RMS y 59.26
side N [adc counts]
side P [adc counts]

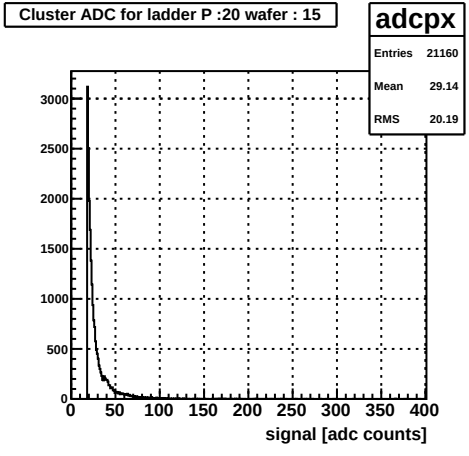

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 3698
Mean 44.3
RMS 39.11
signal [adc counts]

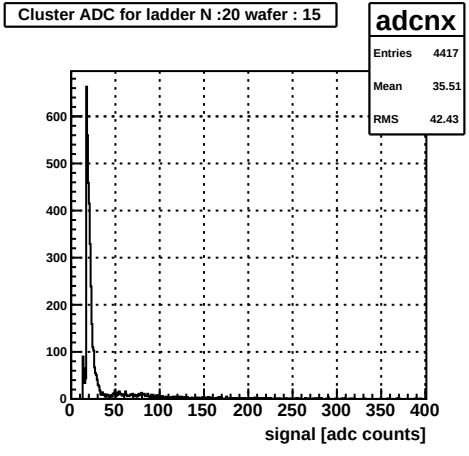

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 4207
Mean 44.62
RMS 49.24
signal [adc counts]

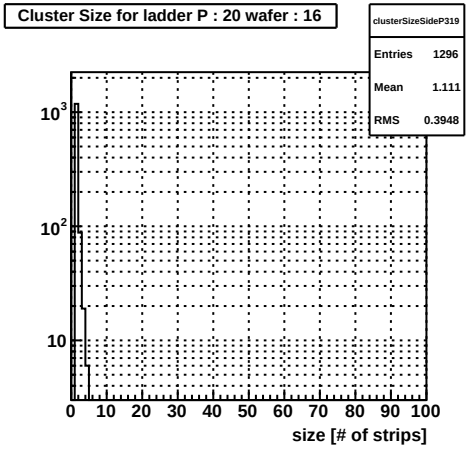

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 21160
Mean 1.121
RMS 0.3844
size [# of strips]

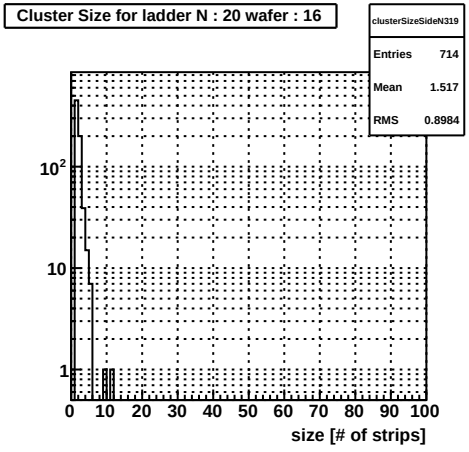

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 4417
Mean 1.183
RMS 0.5572
size [# of strips]

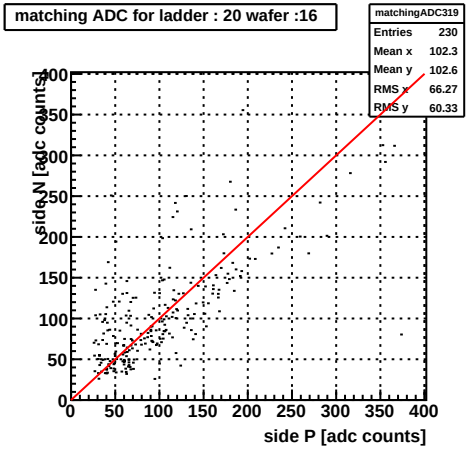

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 792
Mean x 73.93
Mean y 69.22
RMS x 59.72
RMS y 57.77
side N [adc counts]
side P [adc counts]

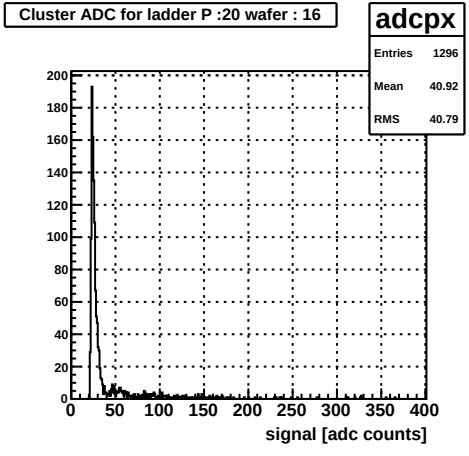

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 21160
Mean 29.14
RMS 20.19
signal [adc counts]

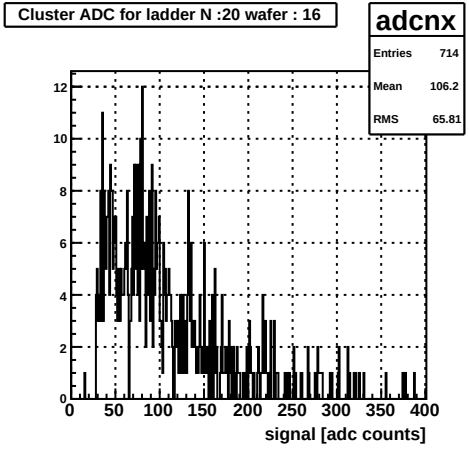

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 4417
Mean 35.51
RMS 42.43
signal [adc counts]

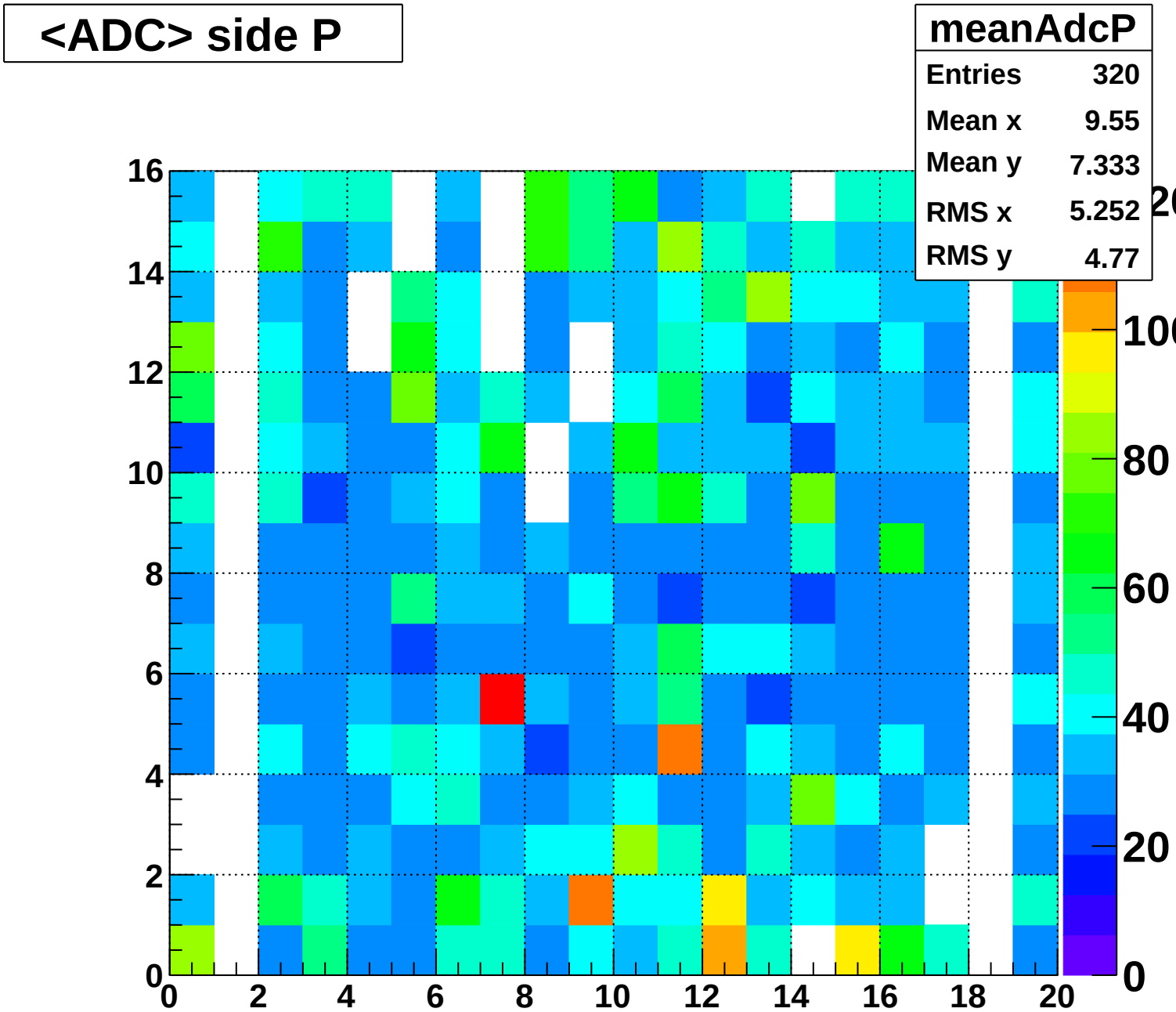

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 1296
Mean 1.111
RMS 0.3948
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 714
Mean 1.517
RMS 0.8984
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 230
Mean x 102.3
Mean y 102.6
RMS x 66.27
RMS y 60.33
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 1296
Mean 40.92
RMS 40.79
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 714
Mean 106.2
RMS 65.81
signal [adc counts]



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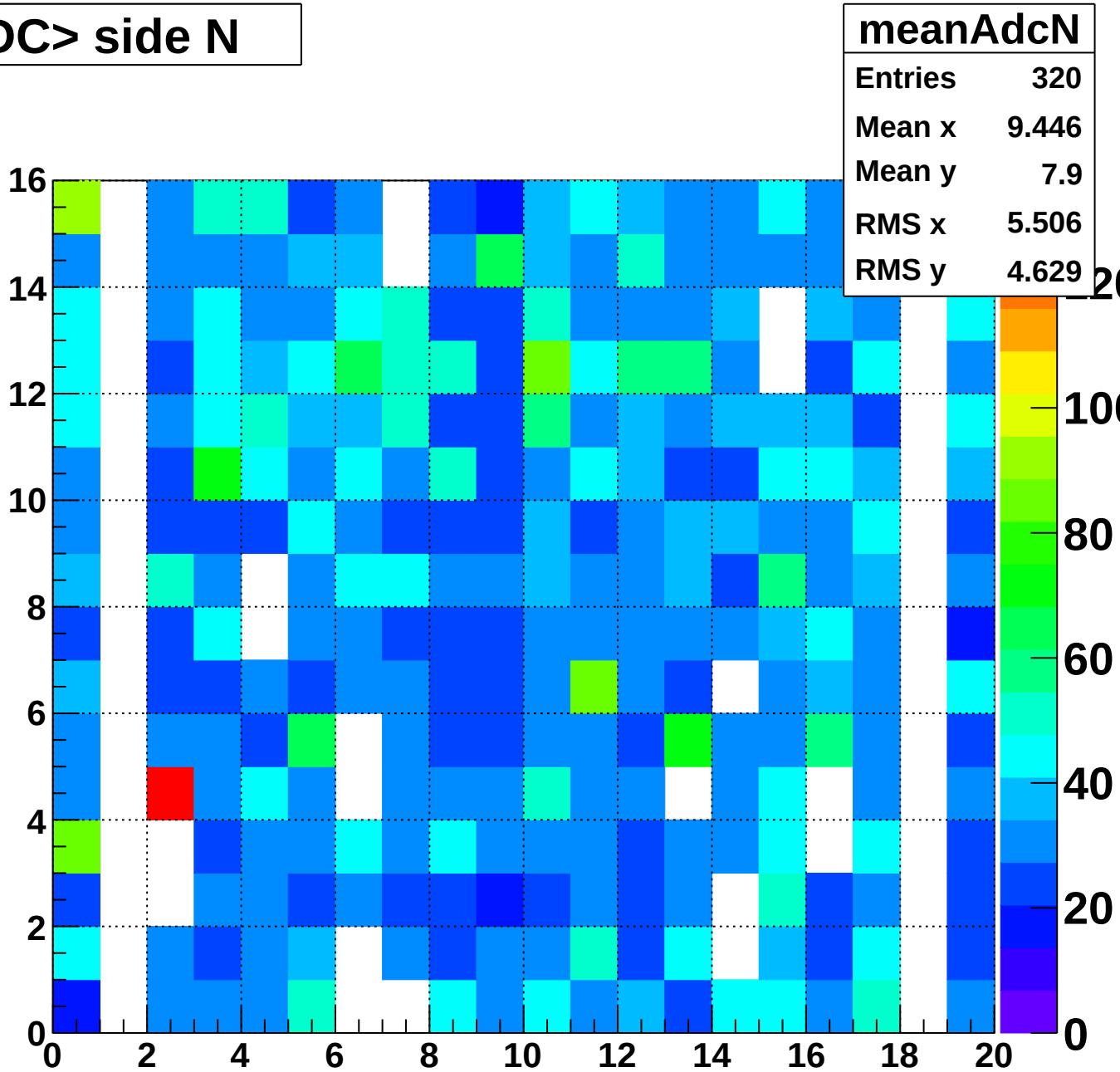
<ADC> side N



2016-05-22 22:06:29