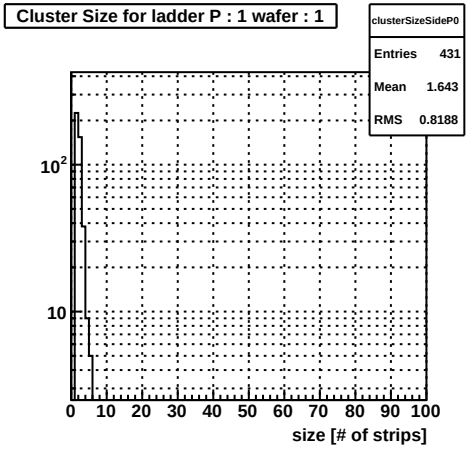
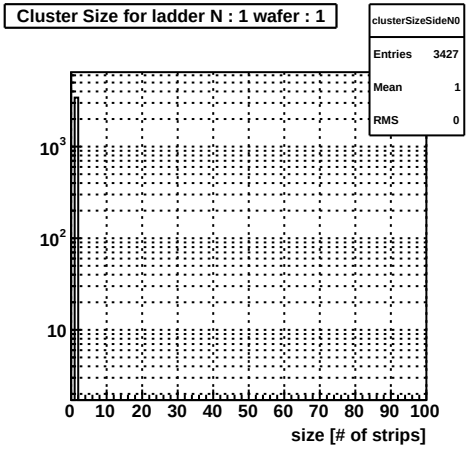
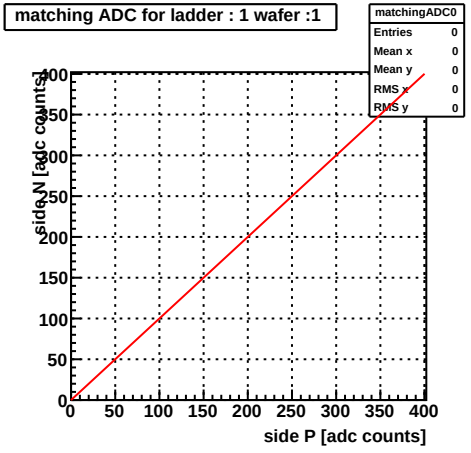
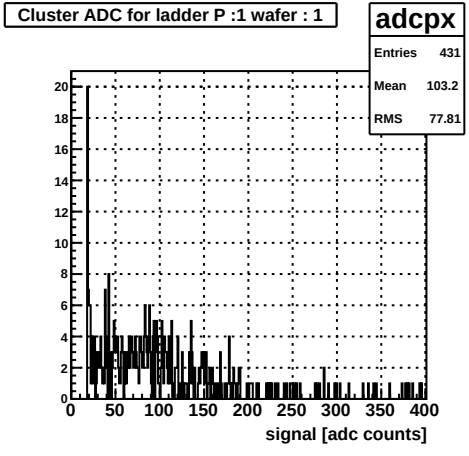
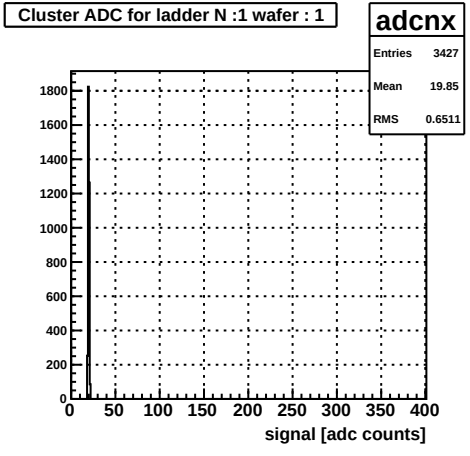
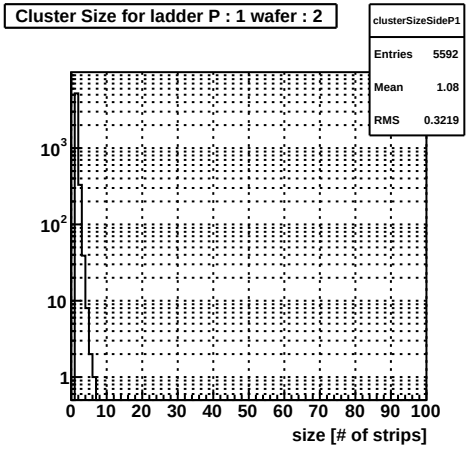

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 431
Mean 1.643
RMS 0.8188
size [# of strips]

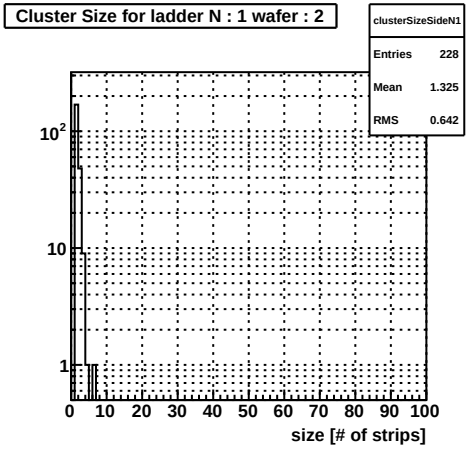

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 3427
Mean 1
RMS 0
size [# of strips]

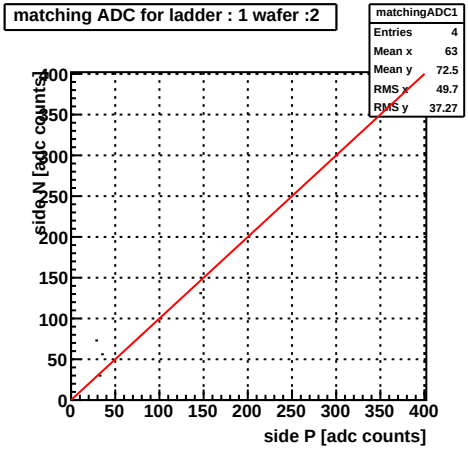

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

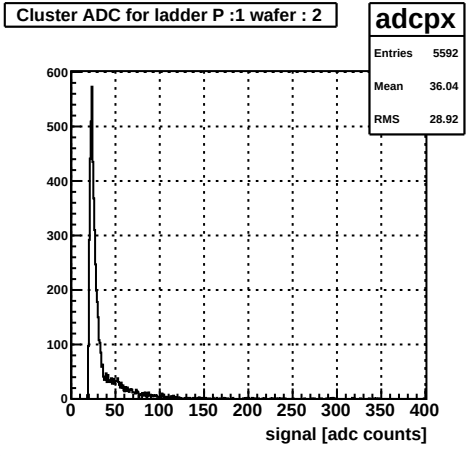

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 431
Mean 103.2
RMS 77.81
signal [adc counts]

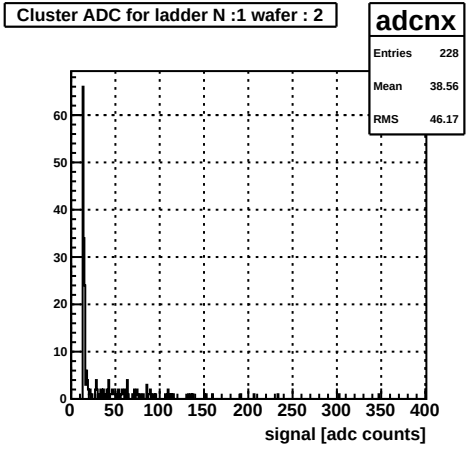

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 3427
Mean 19.85
RMS 0.6511
signal [adc counts]

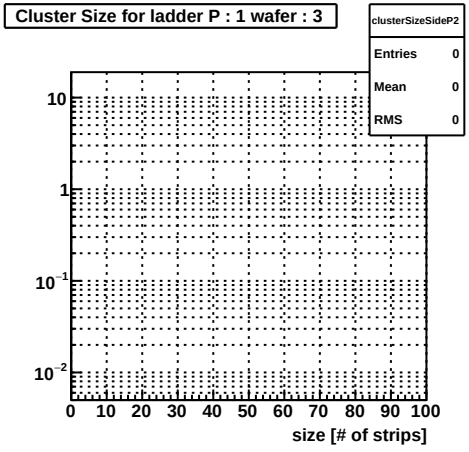

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 5592
Mean 1.08
RMS 0.3219
size [# of strips]

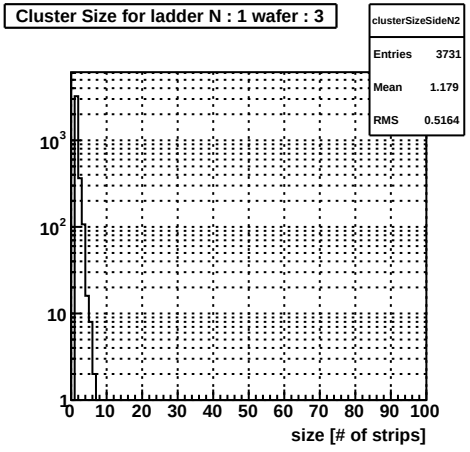

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 228
Mean 1.325
RMS 0.642
size [# of strips]

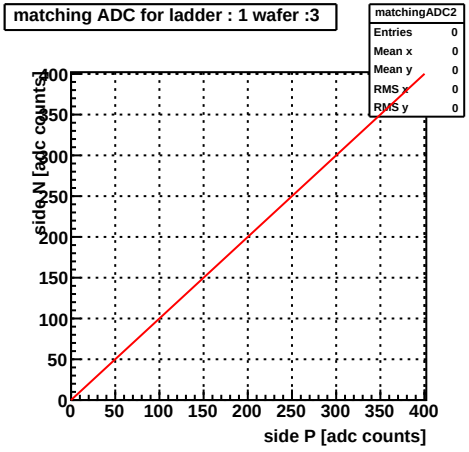

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 4
Mean x 63
Mean y 72.5
RMS x 49.7
RMS y 37.27
side N [adc counts]
side P [adc counts]

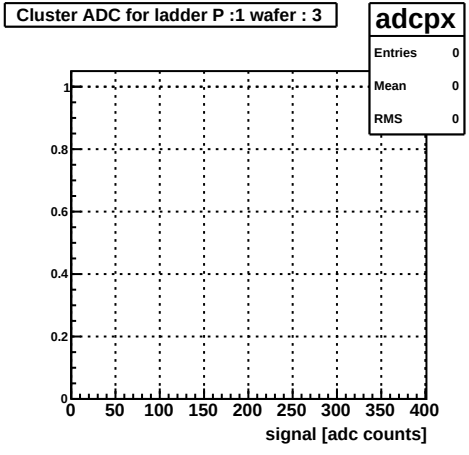

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 5592
Mean 36.04
RMS 28.92
signal [adc counts]

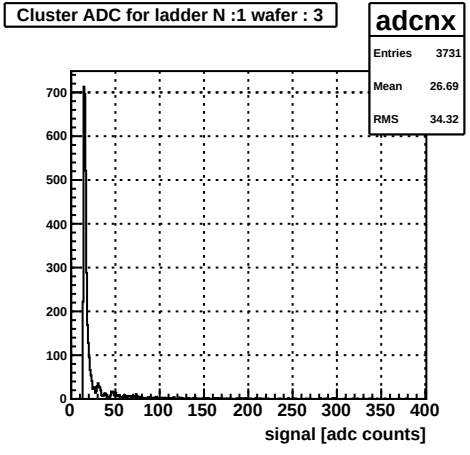

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 228
Mean 38.56
RMS 46.17
signal [adc counts]

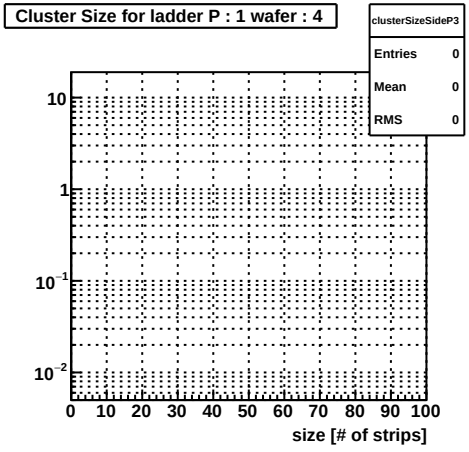

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

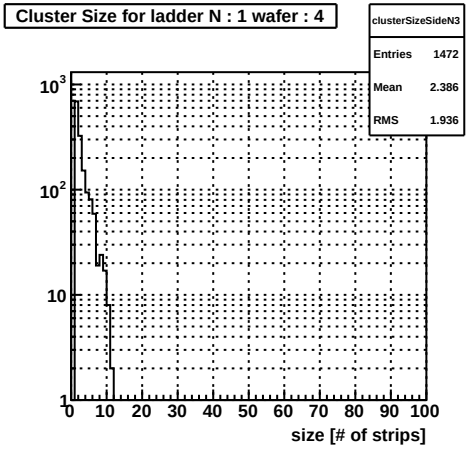

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 3731
Mean 1.179
RMS 0.5164
size [# of strips]

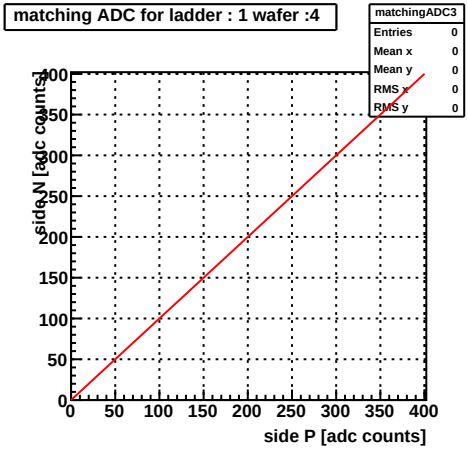

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

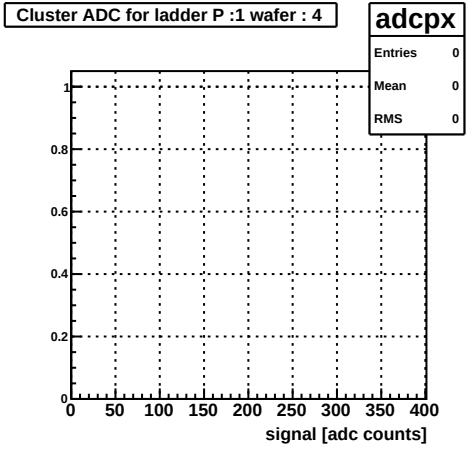

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

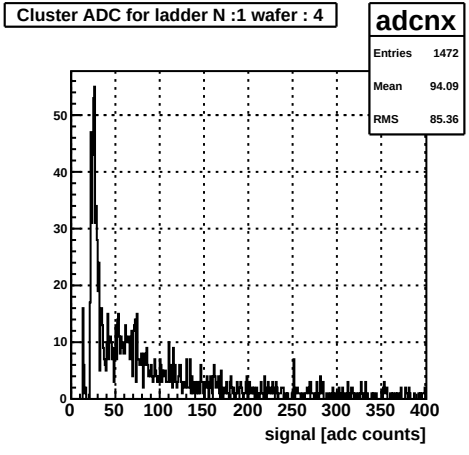

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 3731
Mean 26.69
RMS 34.32
signal [adc counts]

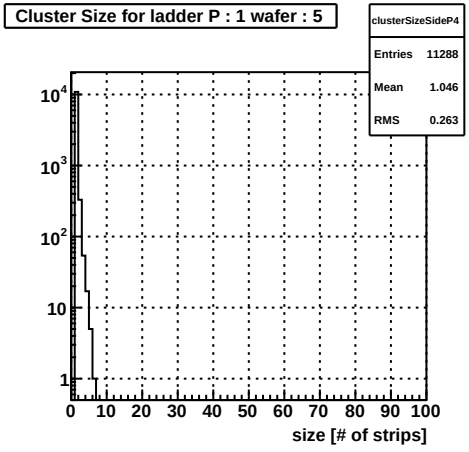

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

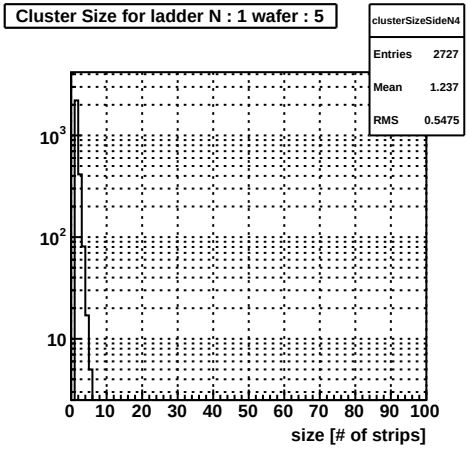

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 1472
Mean 2.386
RMS 1.936
size [# of strips]

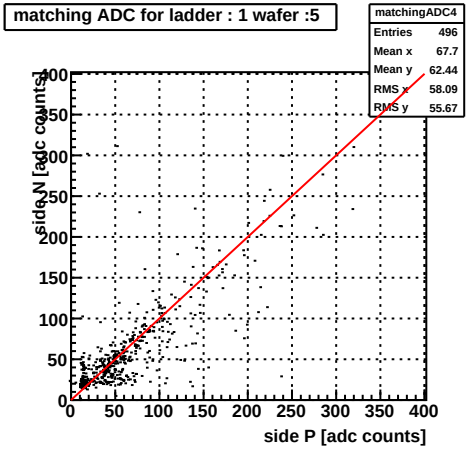

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

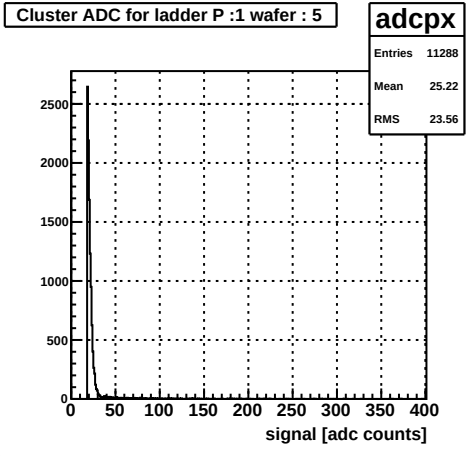

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

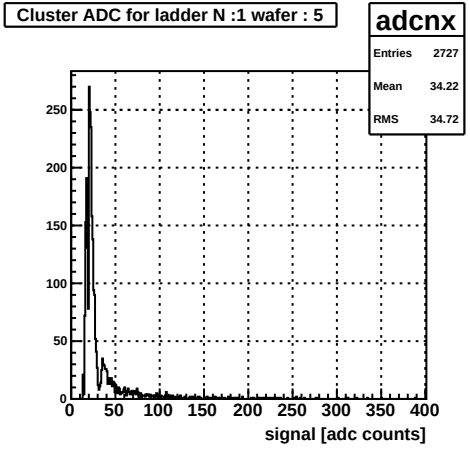

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 1472
Mean 94.09
RMS 85.36
signal [adc counts]

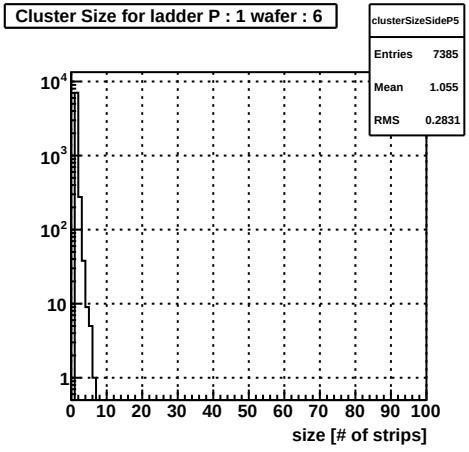

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 11288
Mean 1.046
RMS 0.263
size [# of strips]

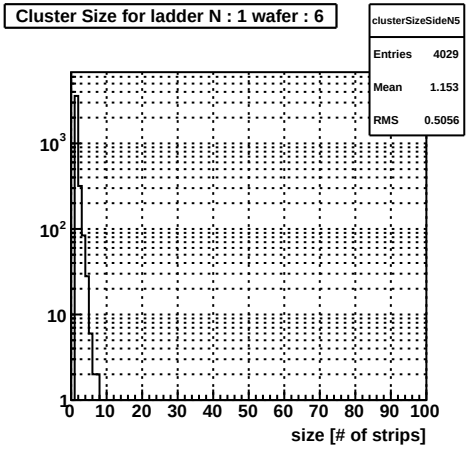

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 2727
Mean 1.237
RMS 0.5475
size [# of strips]

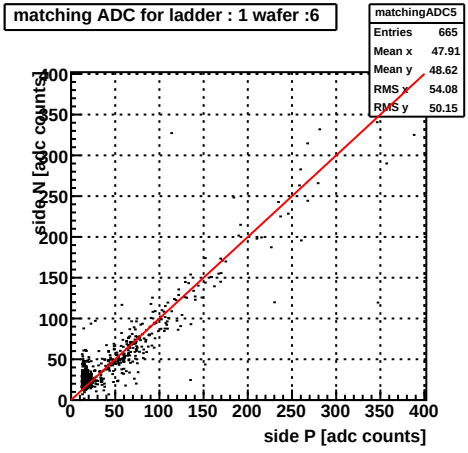

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 496
Mean x 67.7
Mean y 62.44
RMS x 58.09
RMS y 55.67
side N [adc counts]
side P [adc counts]

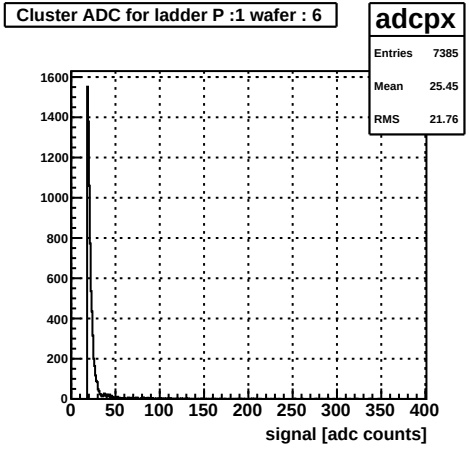

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 11288
Mean 25.22
RMS 23.56
signal [adc counts]

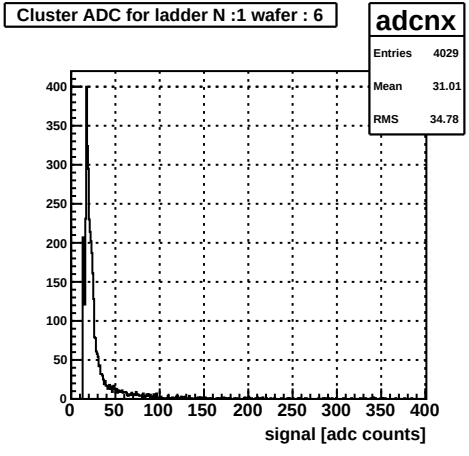

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 2727
Mean 34.22
RMS 34.72
signal [adc counts]

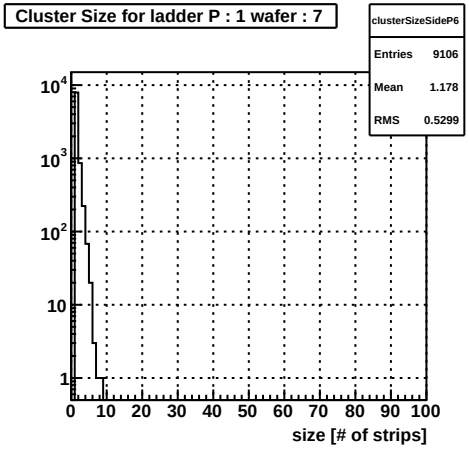

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 7385
Mean 1.055
RMS 0.2831
size [# of strips]

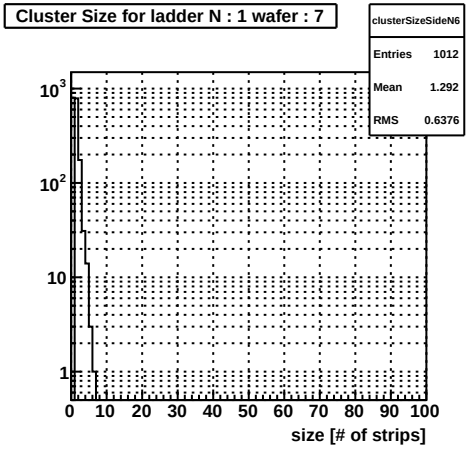

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 4029
Mean 1.153
RMS 0.5056
size [# of strips]

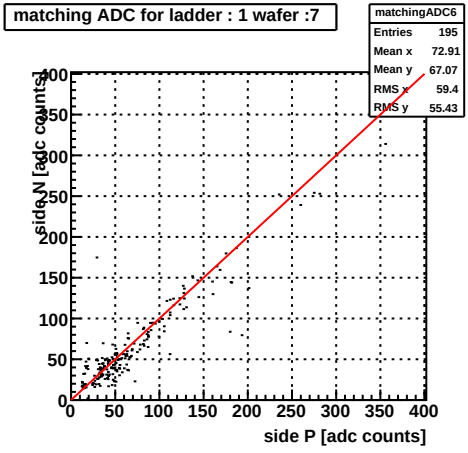

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 665
Mean x 47.91
Mean y 48.62
RMS x 54.08
RMS y 50.15
side N [adc counts]
side P [adc counts]

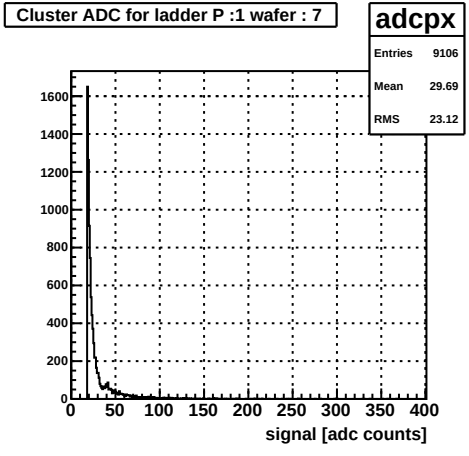

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 7385
Mean 25.45
RMS 21.76
signal [adc counts]

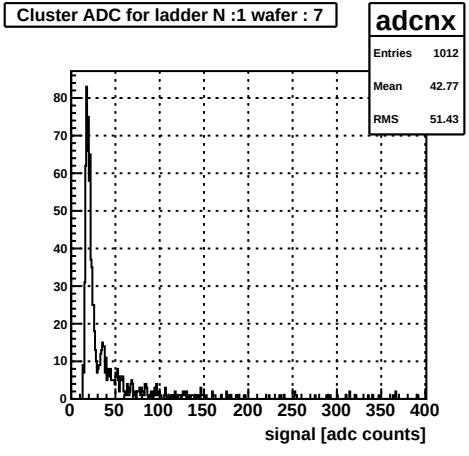

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 4029
Mean 31.01
RMS 34.78
signal [adc counts]

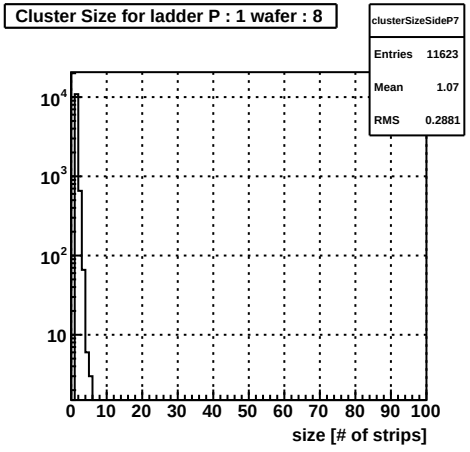

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 9106
Mean 1.178
RMS 0.5299
size [# of strips]

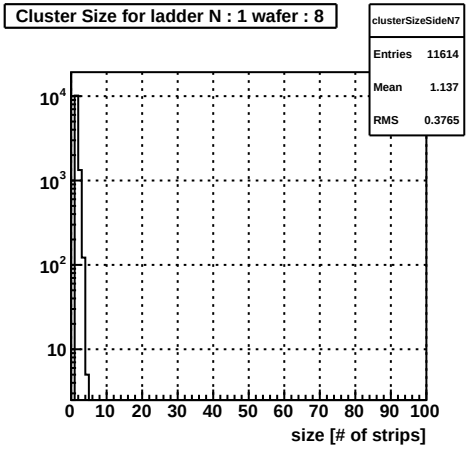

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 1012
Mean 1.292
RMS 0.6376
size [# of strips]

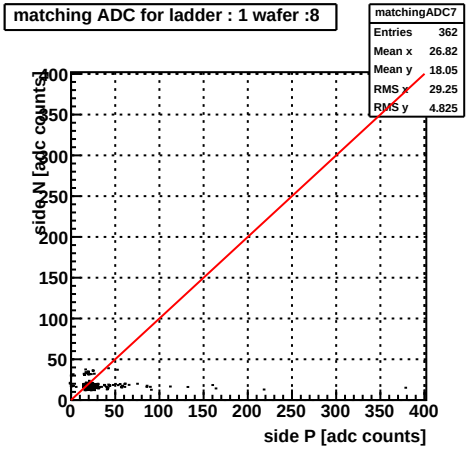

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 195
Mean x 72.91
Mean y 67.07
RMS x 59.4
RMS y 55.43
side N [adc counts]
side P [adc counts]

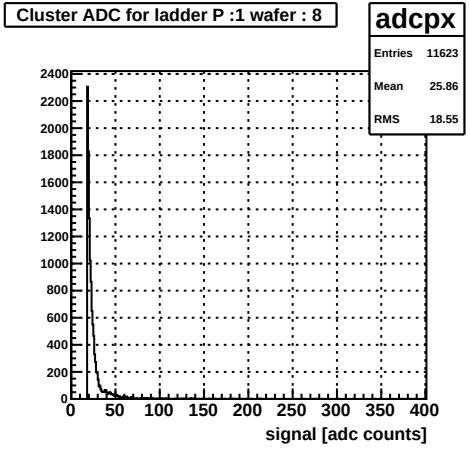

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 9106
Mean 29.69
RMS 23.12
signal [adc counts]

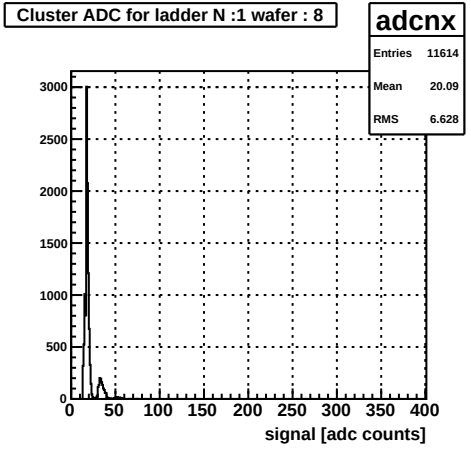

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 1012
Mean 42.77
RMS 51.43
signal [adc counts]

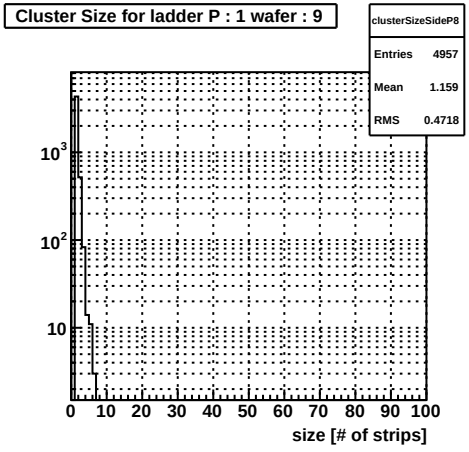

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 11623
Mean 1.07
RMS 0.2881
size [# of strips]

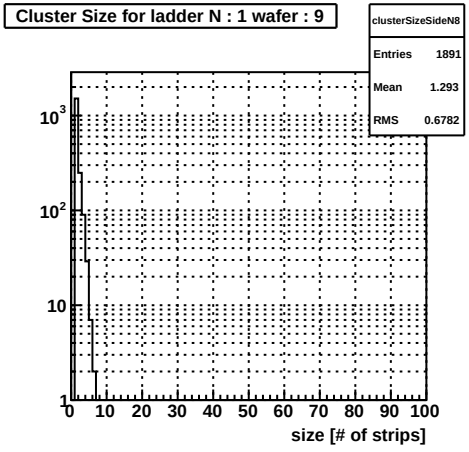

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 11614
Mean 1.137
RMS 0.3765
size [# of strips]

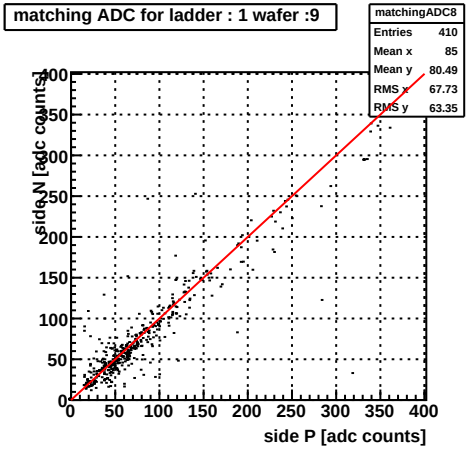

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 362
Mean x 26.82
Mean y 18.05
RMS x 29.25
RMS y 4.825
side N [adc counts]
side P [adc counts]

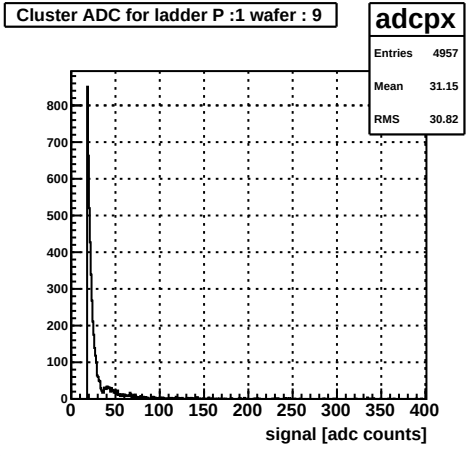

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 11623
Mean 25.86
RMS 18.55
signal [adc counts]

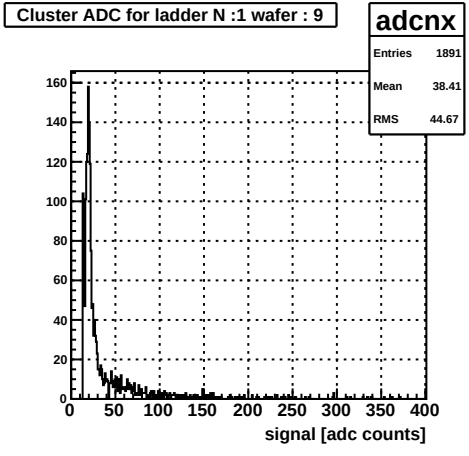

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 11614
Mean 20.09
RMS 6.628
signal [adc counts]

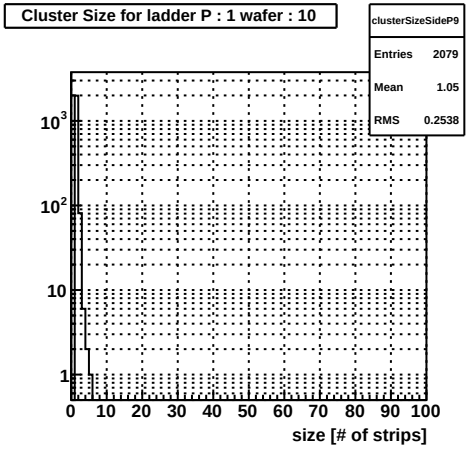

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 4957
Mean 1.159
RMS 0.4718
size [# of strips]

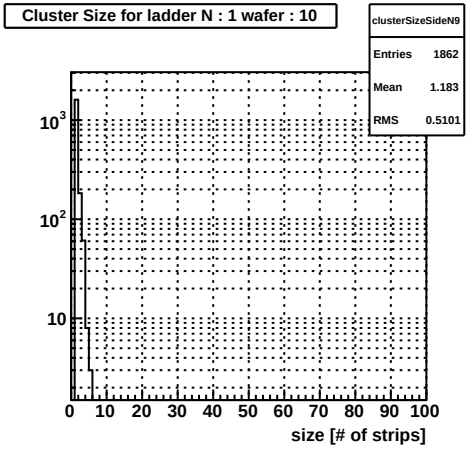

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 1891
Mean 1.293
RMS 0.6782
size [# of strips]

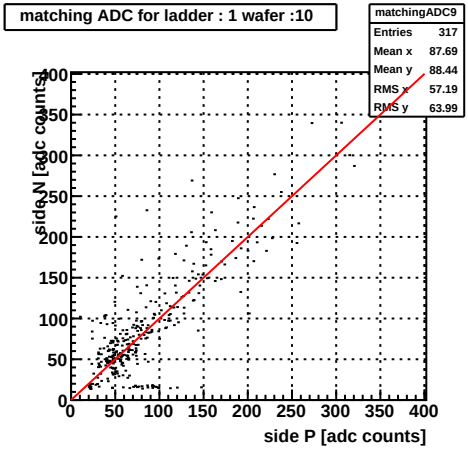

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 410
Mean x 85
Mean y 80.49
RMS x 67.73
RMS y 63.35
side N [adc counts]
side P [adc counts]

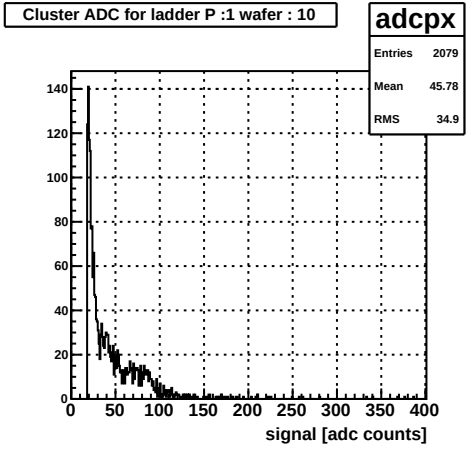

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 4957
Mean 31.15
RMS 30.82
signal [adc counts]

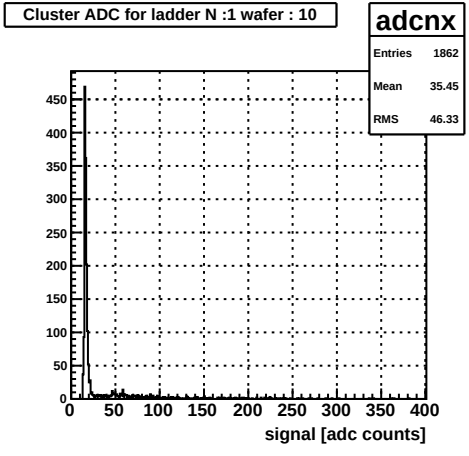

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 1891
Mean 38.41
RMS 44.67
signal [adc counts]

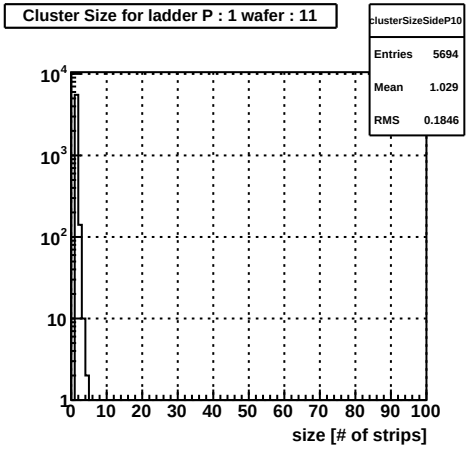

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 2079
Mean 1.05
RMS 0.2538
size [# of strips]

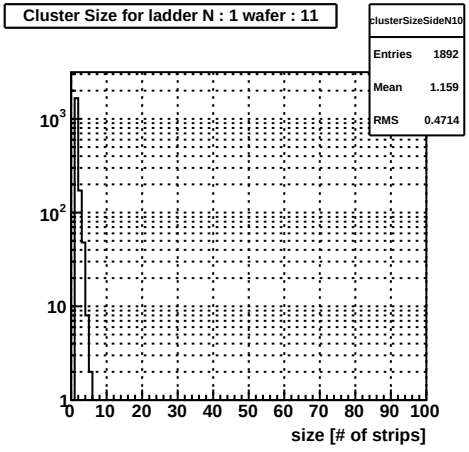

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 1862
Mean 1.183
RMS 0.5101
size [# of strips]

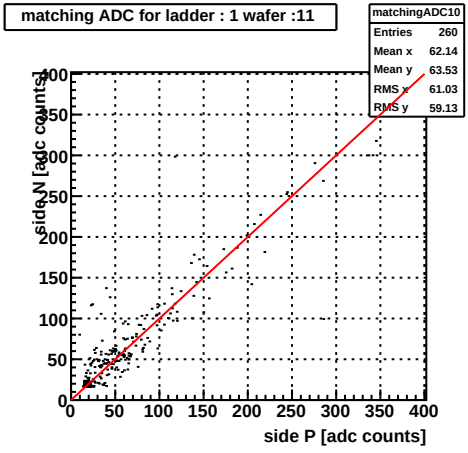

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 317
Mean x 87.69
Mean y 88.44
RMS x 57.19
RMS y 63.99
side N [adc counts]
side P [adc counts]

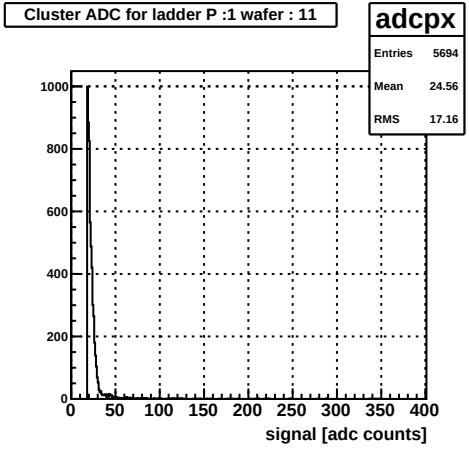

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 2079
Mean 45.78
RMS 34.9
signal [adc counts]

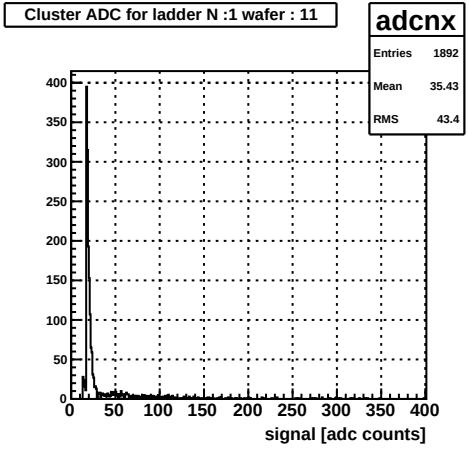

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 1862
Mean 35.45
RMS 46.33
signal [adc counts]

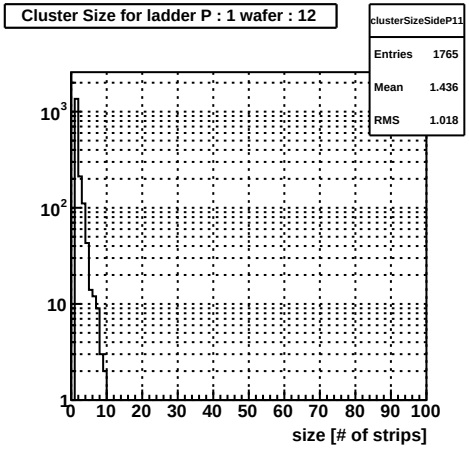

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 5694
Mean 1.029
RMS 0.1846
size [# of strips]

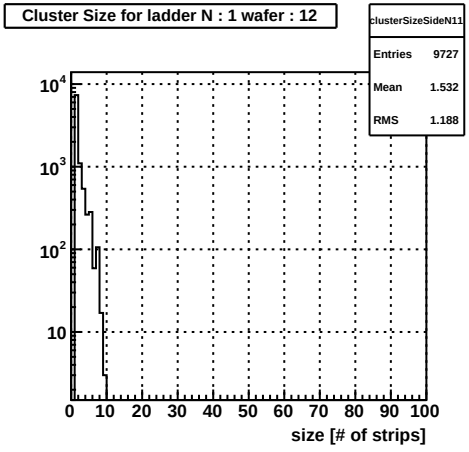

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 1892
Mean 1.159
RMS 0.4714
size [# of strips]

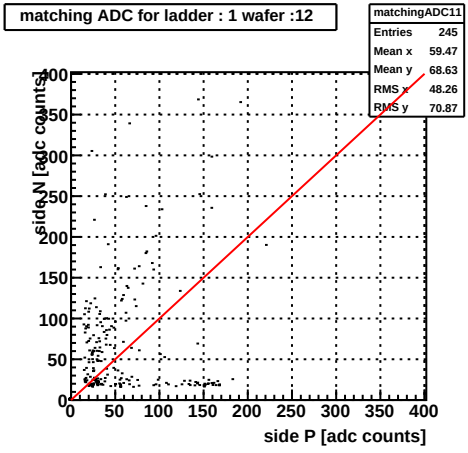

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 260
Mean x 62.14
Mean y 63.53
RMS x 61.03
RMS y 59.13
side N [adc counts]
side P [adc counts]

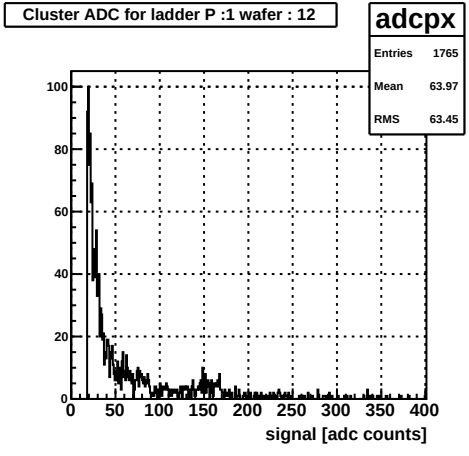

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 5694
Mean 24.56
RMS 17.16
signal [adc counts]

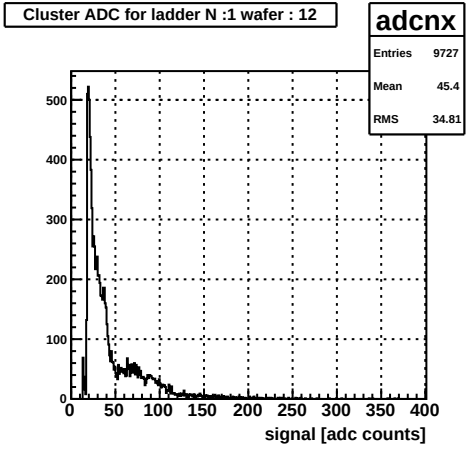

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 1892
Mean 35.43
RMS 43.4
signal [adc counts]

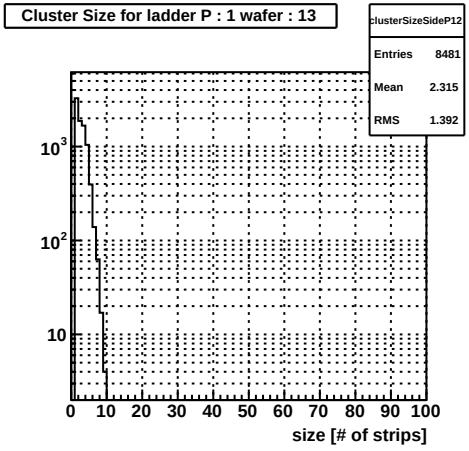

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 1765
Mean 1.436
RMS 1.018
size [# of strips]

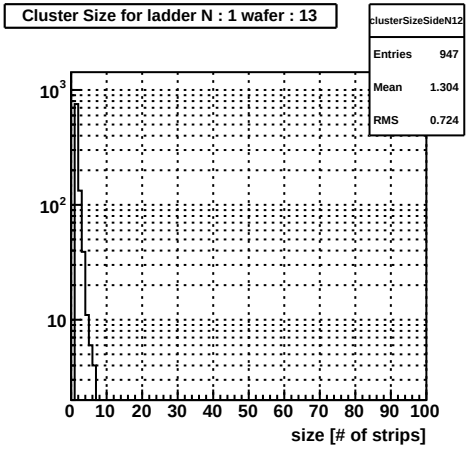

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 9727
Mean 1.532
RMS 1.188
size [# of strips]

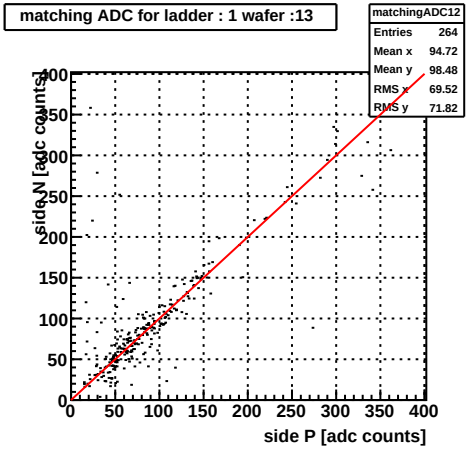

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 245
Mean x 59.47
Mean y 68.63
RMS x 48.26
RMS y 70.87
side N [adc counts]
side P [adc counts]

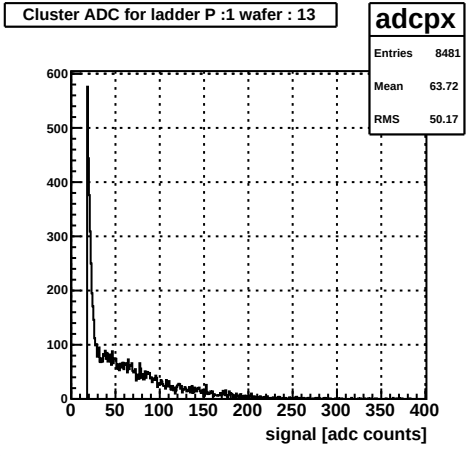

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 1765
Mean 63.97
RMS 63.45
signal [adc counts]

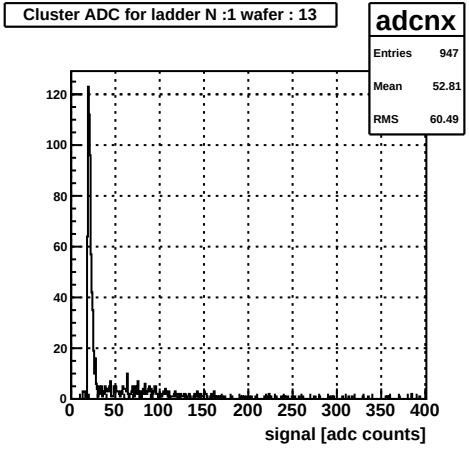

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 9727
Mean 45.4
RMS 34.81
signal [adc counts]

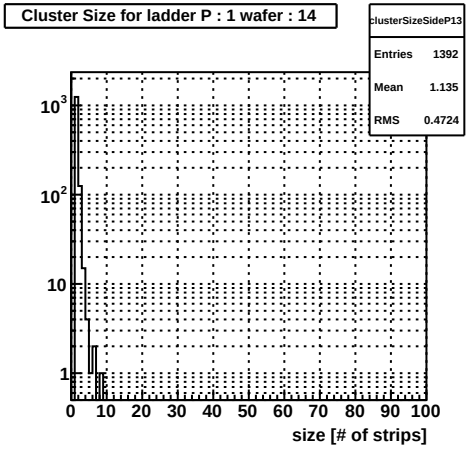

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 8481
Mean 2.315
RMS 1.392
size [# of strips]

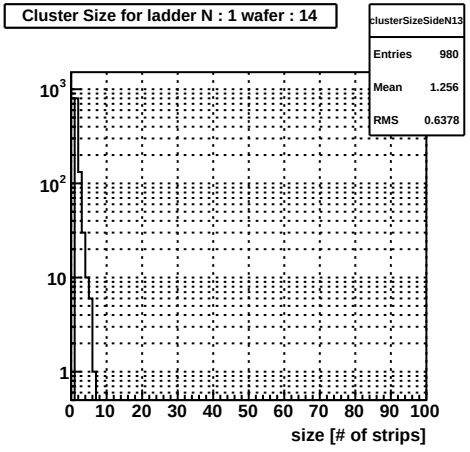

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 947
Mean 1.304
RMS 0.724
size [# of strips]

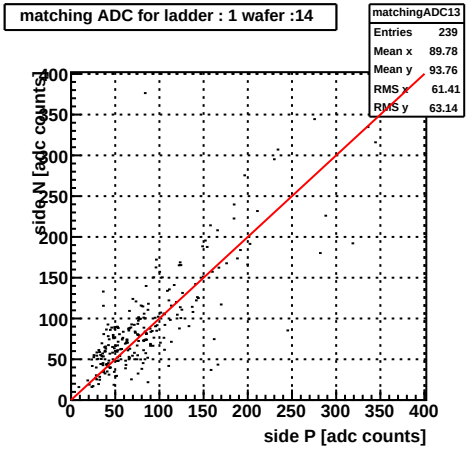

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 264
Mean x 94.72
Mean y 98.48
RMS x 69.52
RMS y 71.82
side N [adc counts]
side P [adc counts]

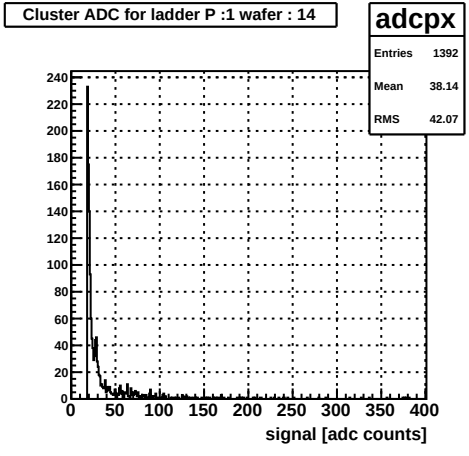

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 8481
Mean 63.72
RMS 50.17
signal [adc counts]

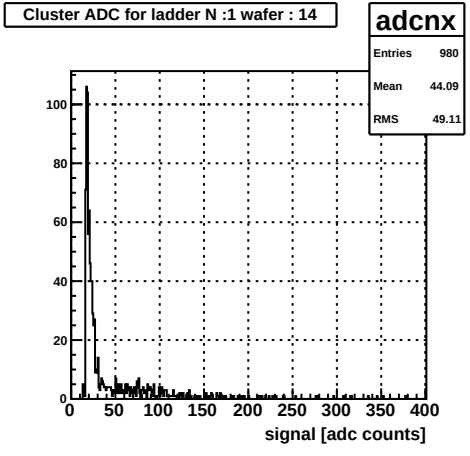

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 947
Mean 52.81
RMS 60.49
signal [adc counts]

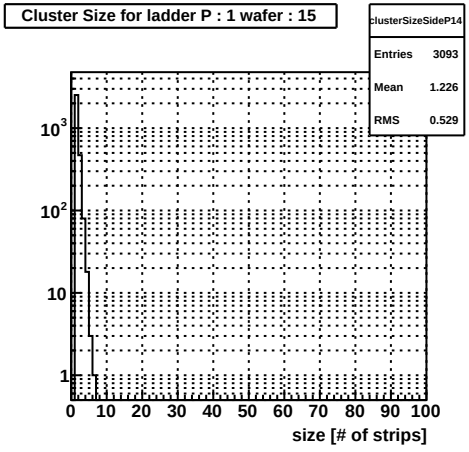

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 1392
Mean 1.135
RMS 0.4724
size [# of strips]

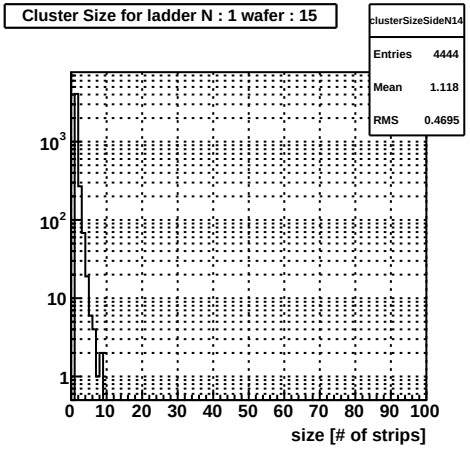

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 980
Mean 1.256
RMS 0.6378
size [# of strips]

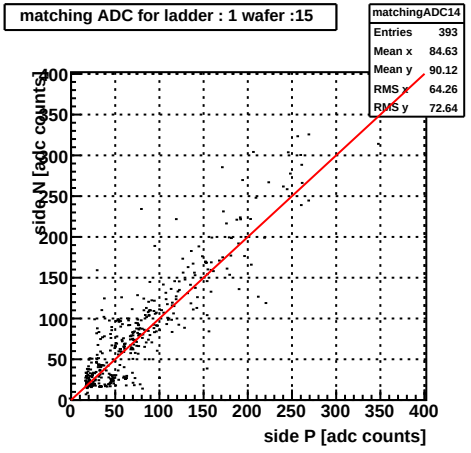

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 239
Mean x 89.78
Mean y 93.76
RMS x 61.41
RMS y 63.14
side N [adc counts]
side P [adc counts]

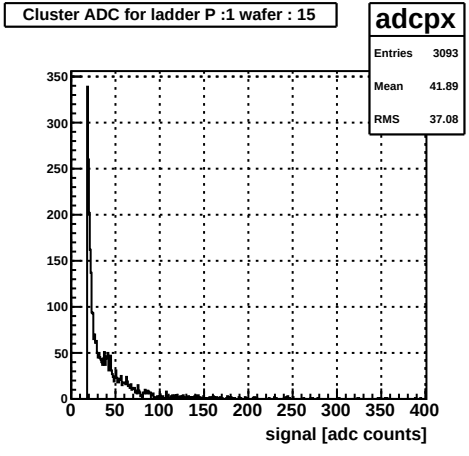

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 1392
Mean 38.14
RMS 42.07
signal [adc counts]

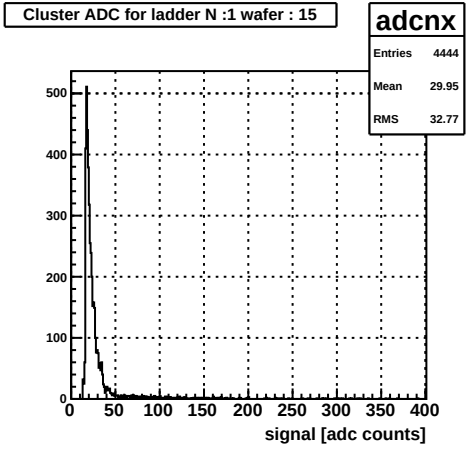

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 980
Mean 44.09
RMS 49.11
signal [adc counts]

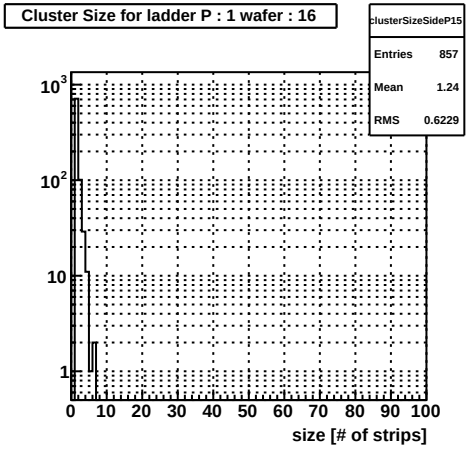

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 3093
Mean 1.226
RMS 0.529
size [# of strips]

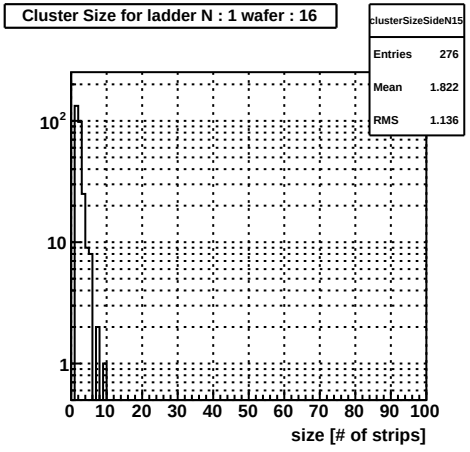

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 4444
Mean 1.118
RMS 0.4695
size [# of strips]

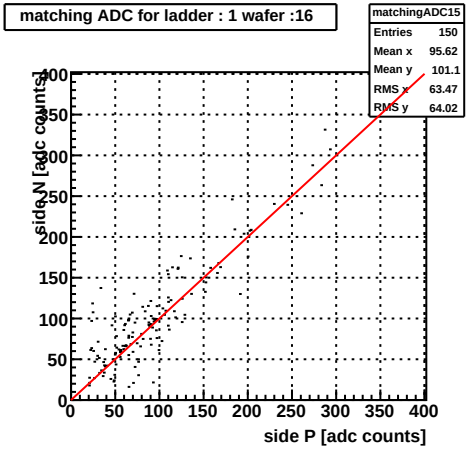

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 393
Mean x 84.63
Mean y 90.12
RMS x 64.26
RMS y 72.64
side N [adc counts]
side P [adc counts]

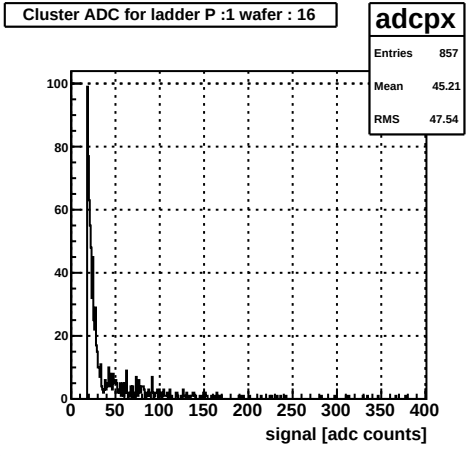

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 3093
Mean 41.89
RMS 37.08
signal [adc counts]

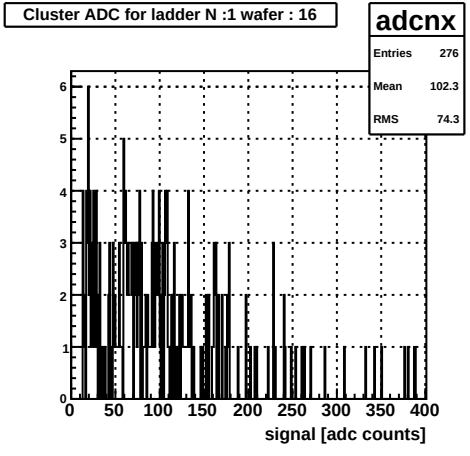

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 4444
Mean 29.95
RMS 32.77
signal [adc counts]

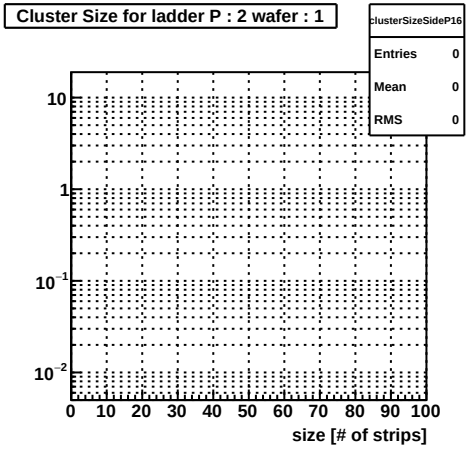

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 857
Mean 1.24
RMS 0.6229
size [# of strips]

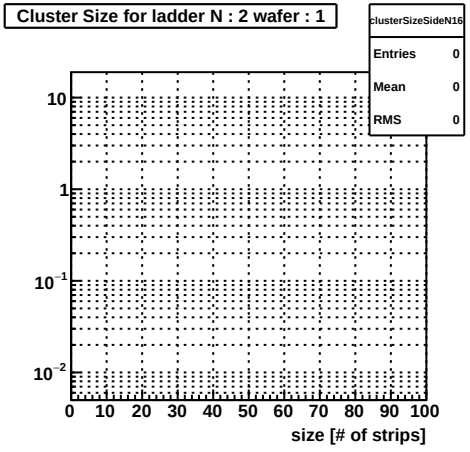

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 276
Mean 1.822
RMS 1.136
size [# of strips]

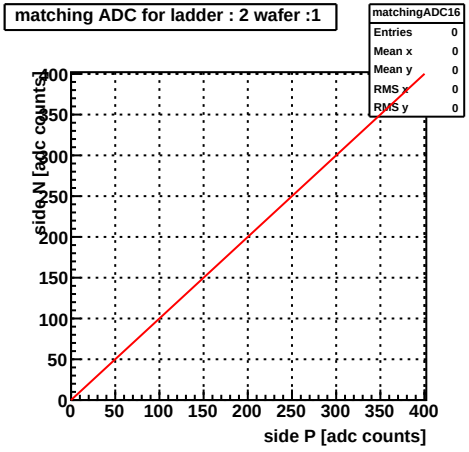

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 150
Mean x 95.62
Mean y 101.1
RMS x 63.47
RMS y 64.02
side N [adc counts]
side P [adc counts]

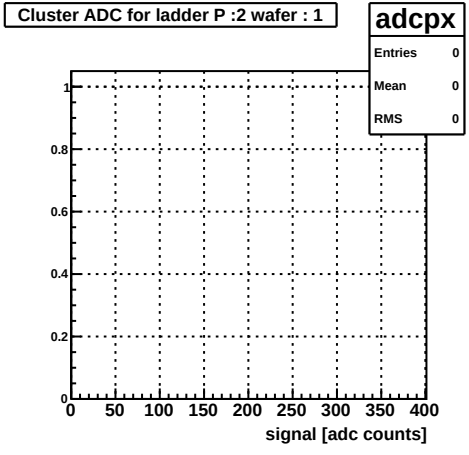

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 857
Mean 45.21
RMS 47.54
signal [adc counts]

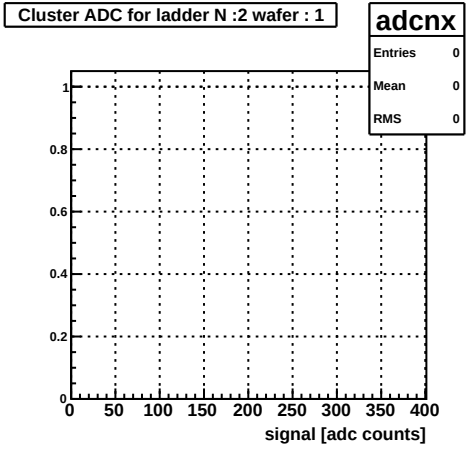

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 276
Mean 102.3
RMS 74.3
signal [adc counts]

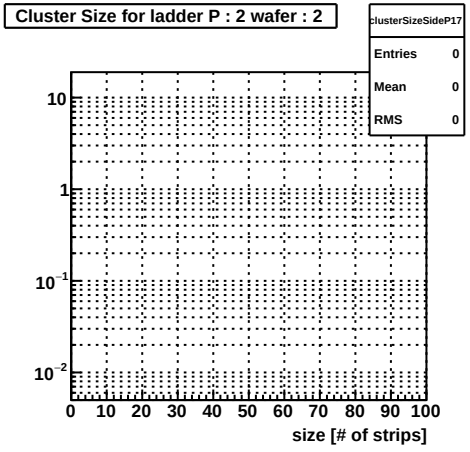

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

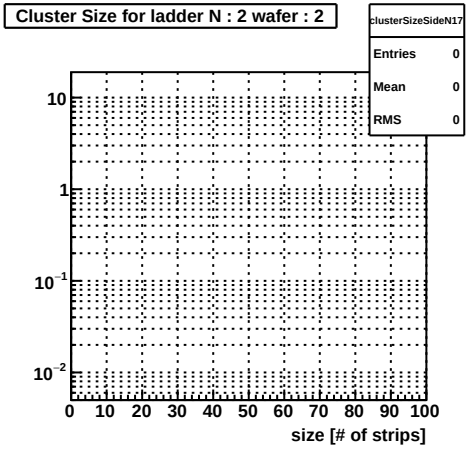

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

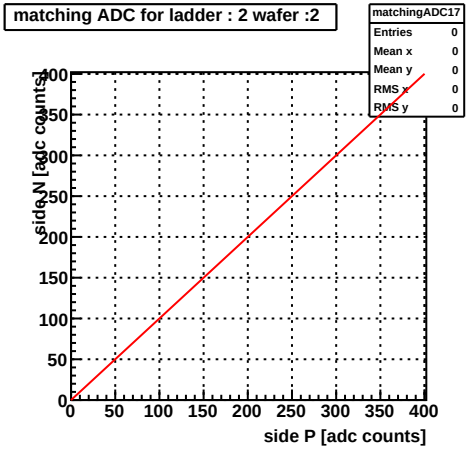

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

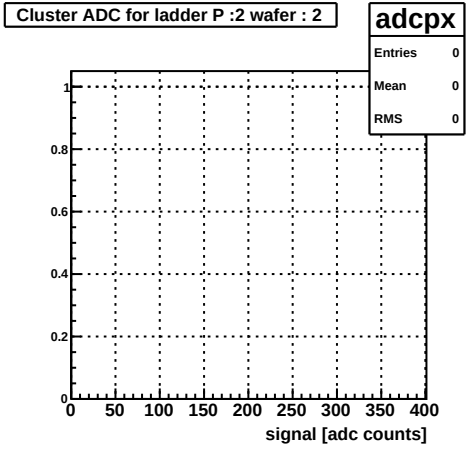

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

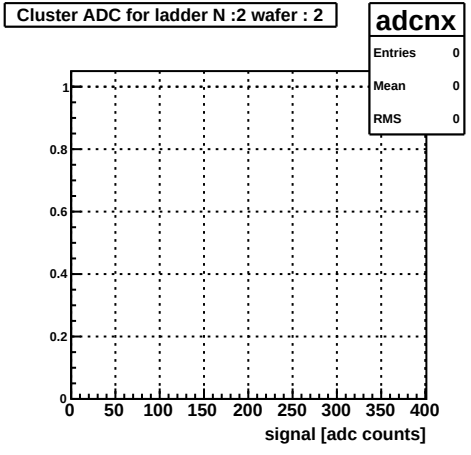

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

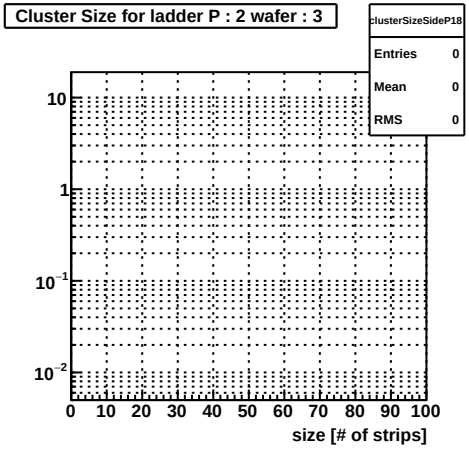

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

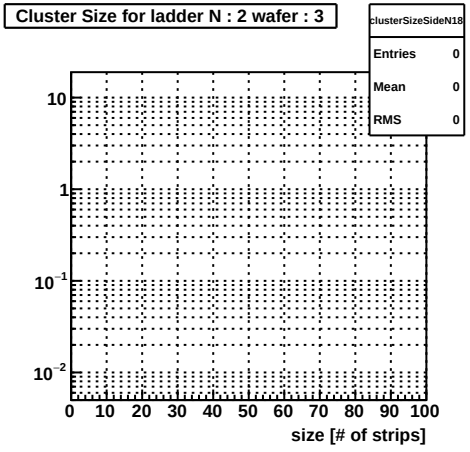

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

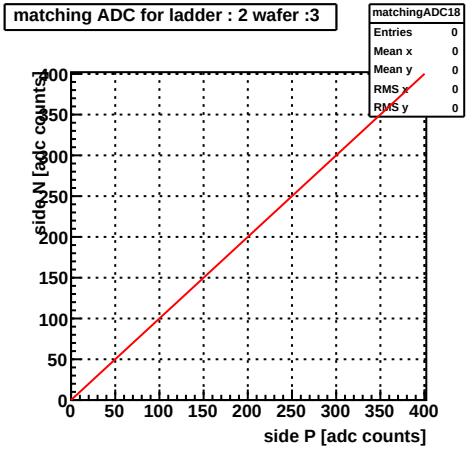

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

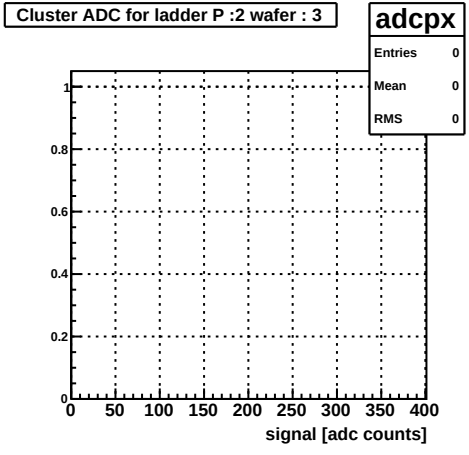

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

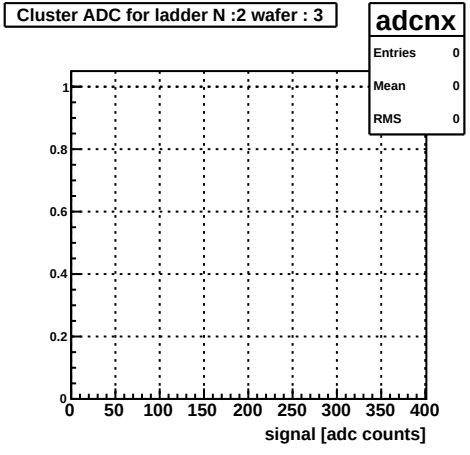

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

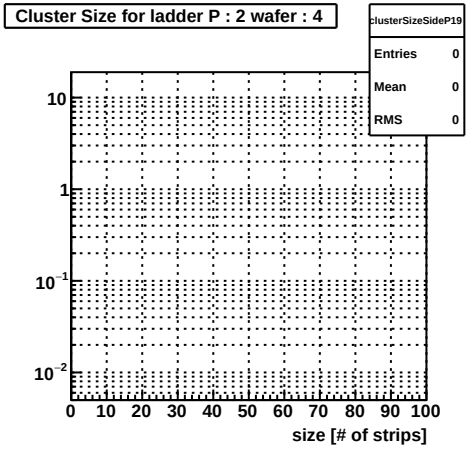

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

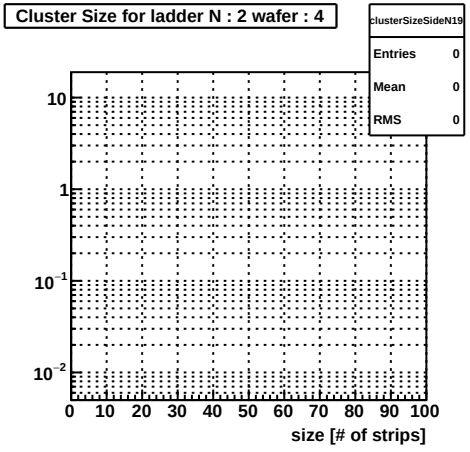

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

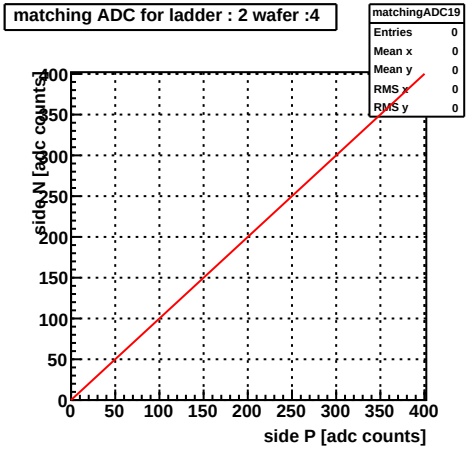

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

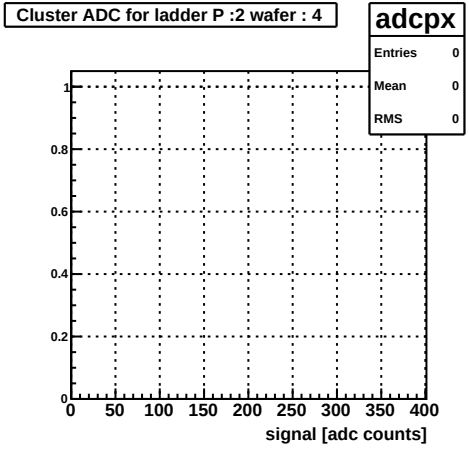

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

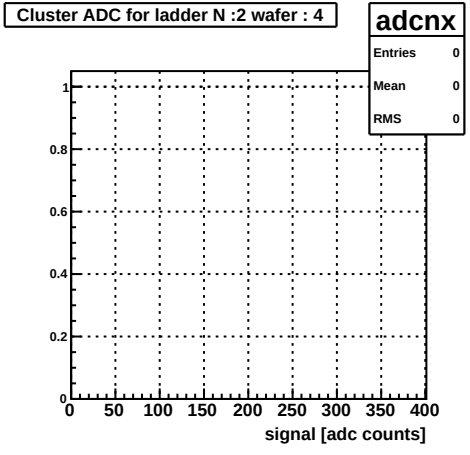

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

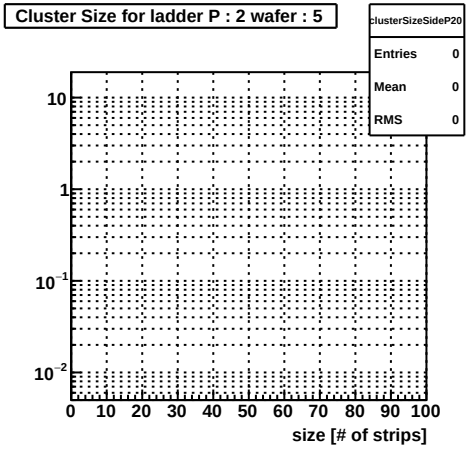

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

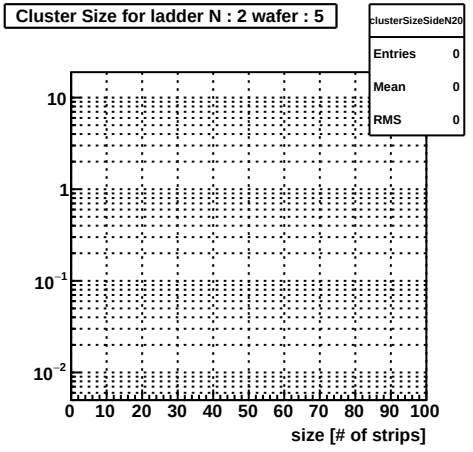

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

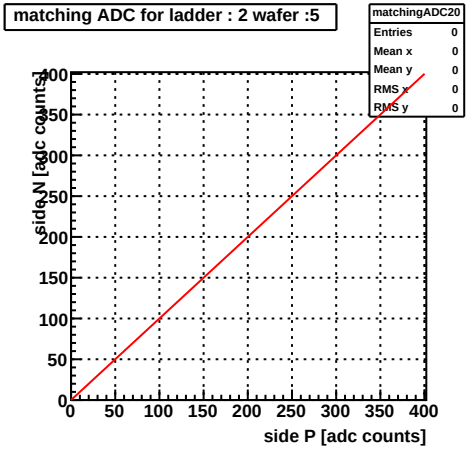

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

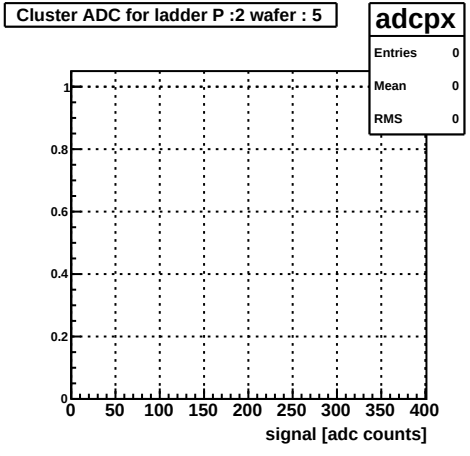

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

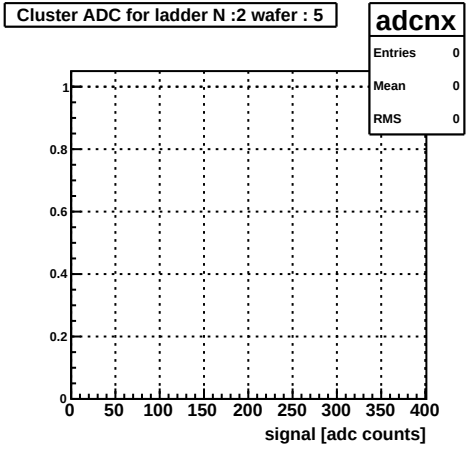

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

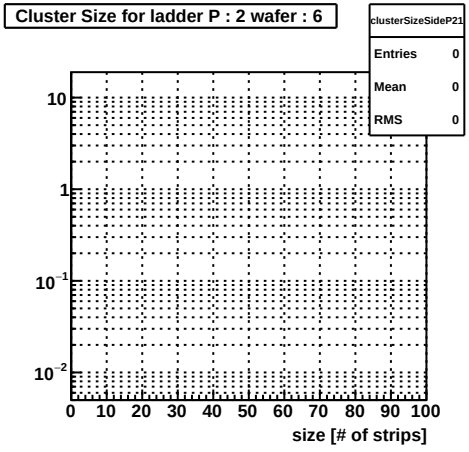

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

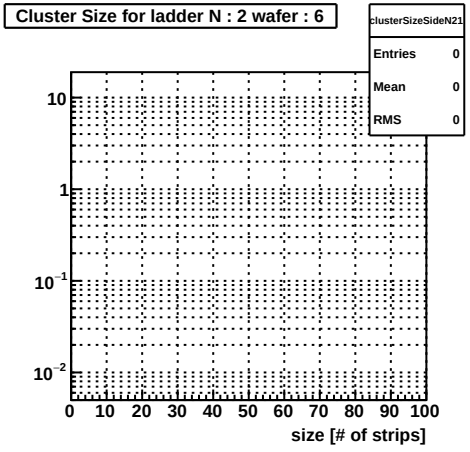

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

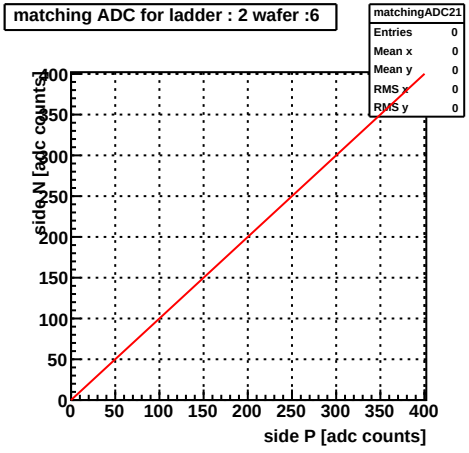

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

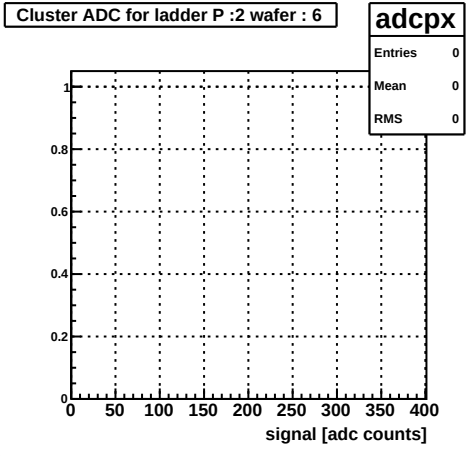

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

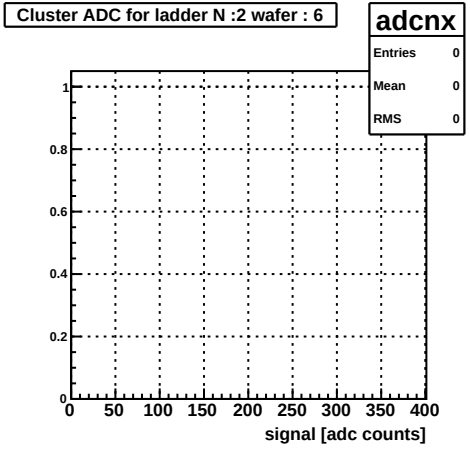

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

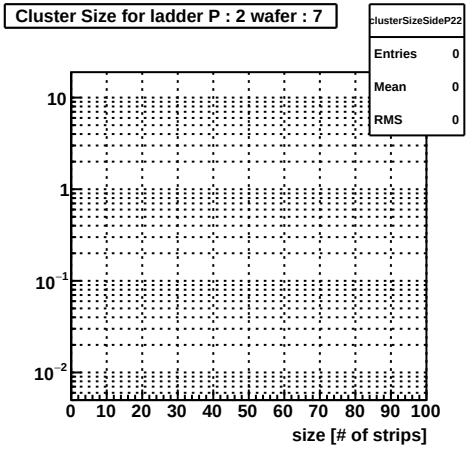

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

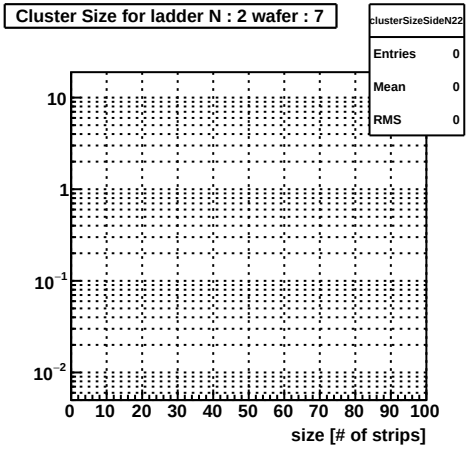

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

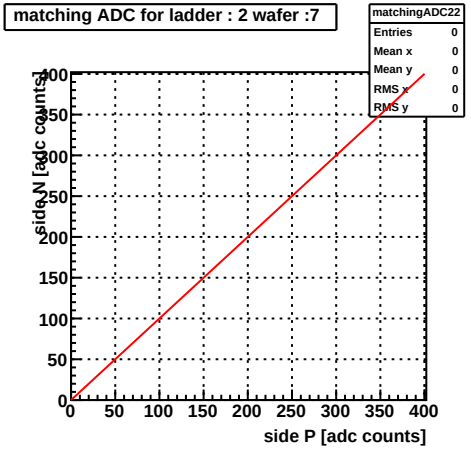

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

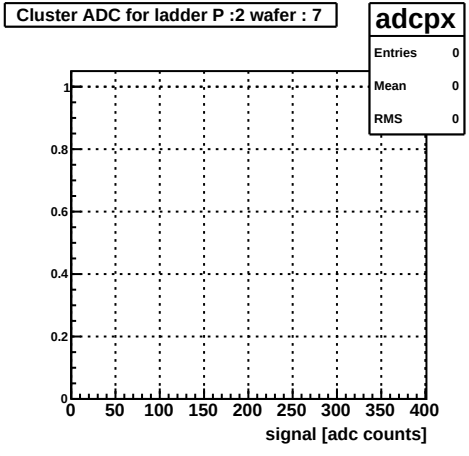

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

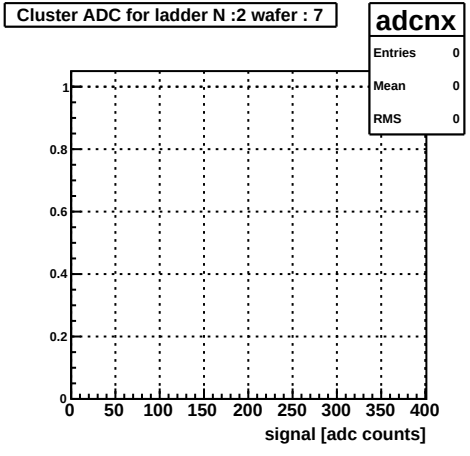

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

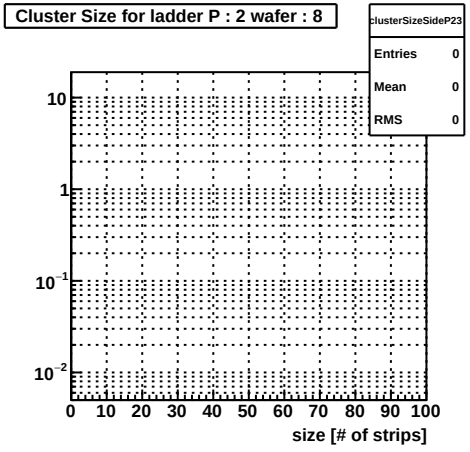

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

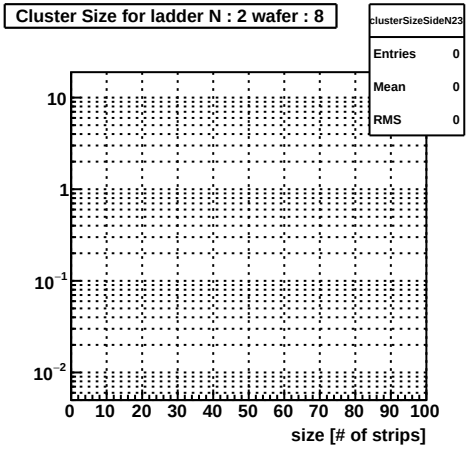

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

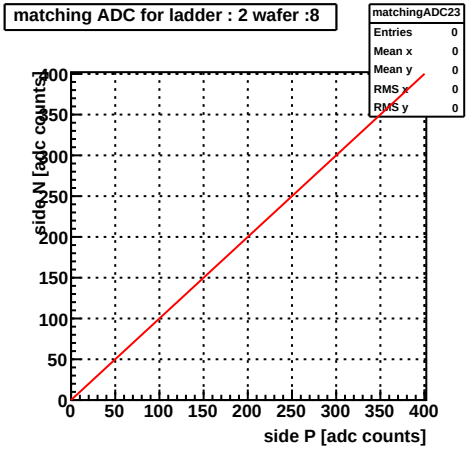

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

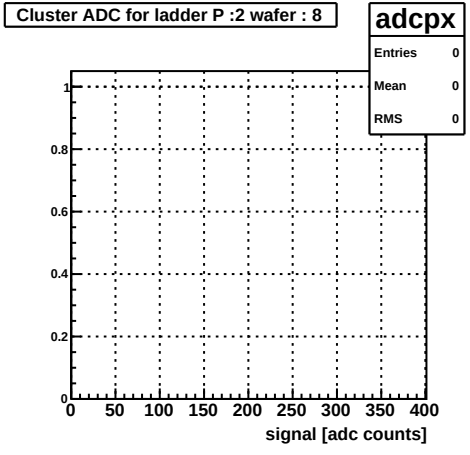

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

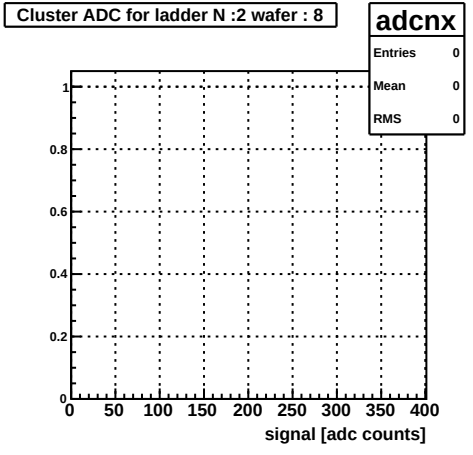

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

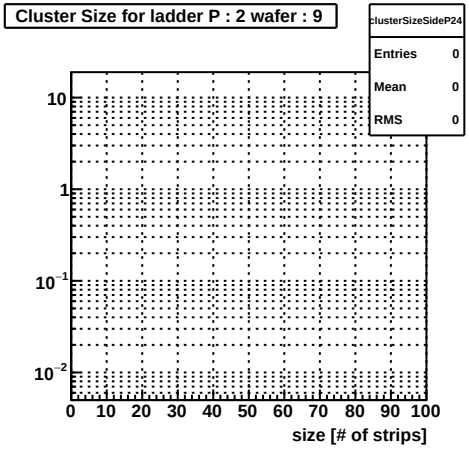

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

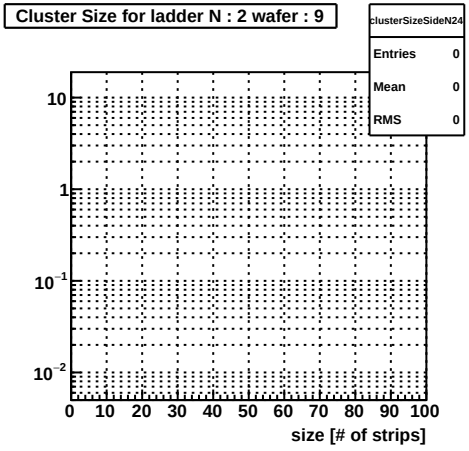

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

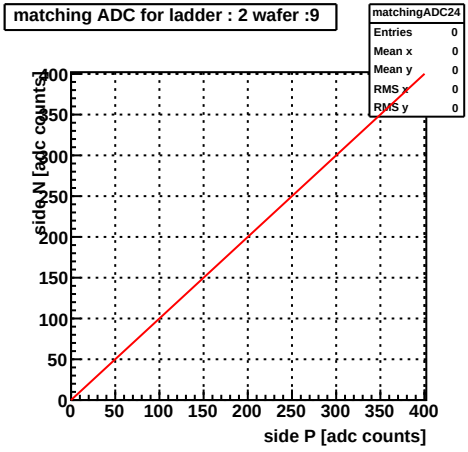

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

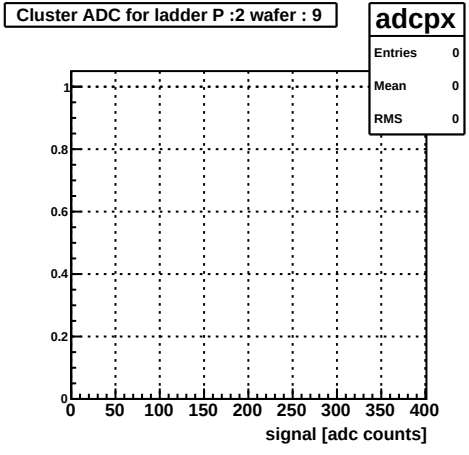

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

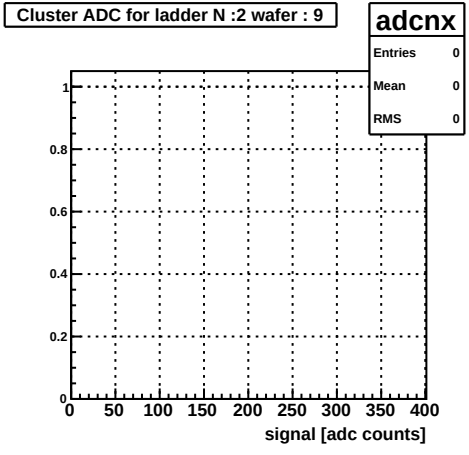

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

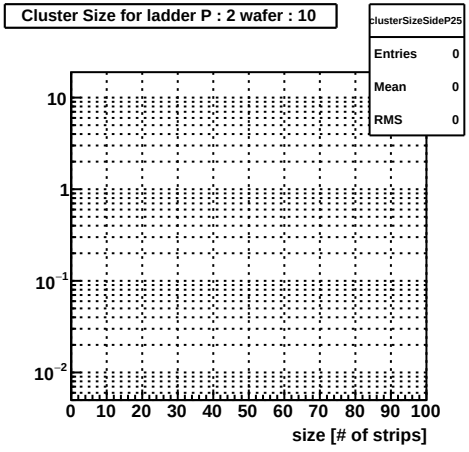

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

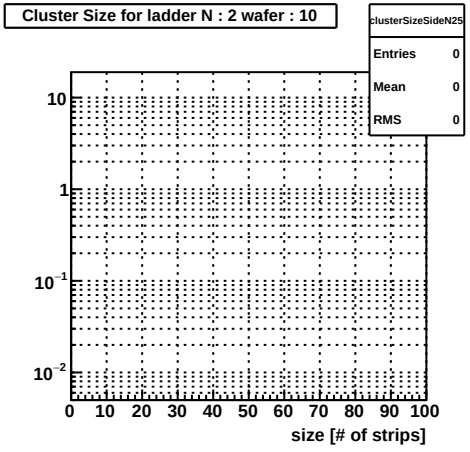

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

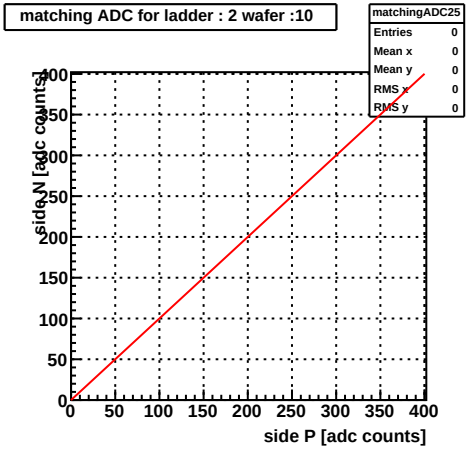

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

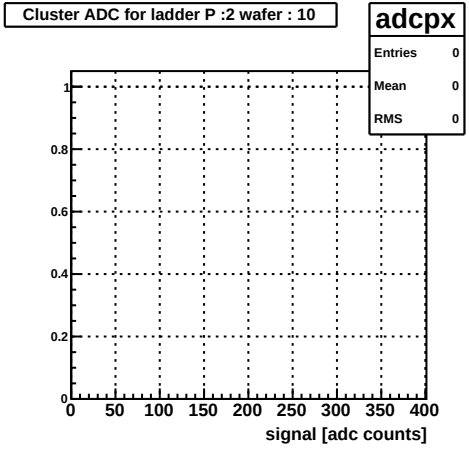

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

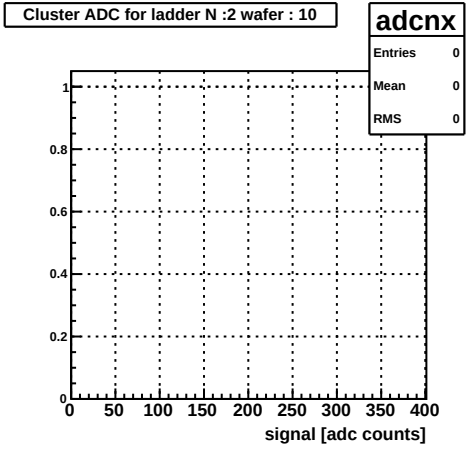

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

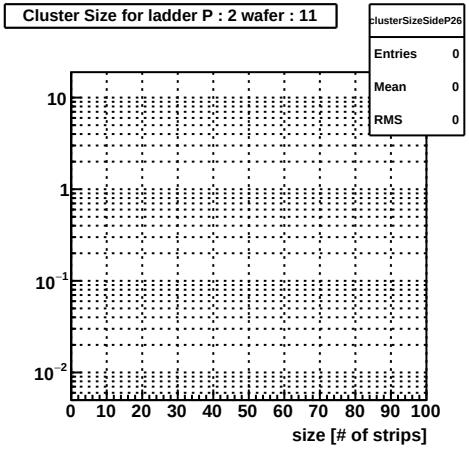

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

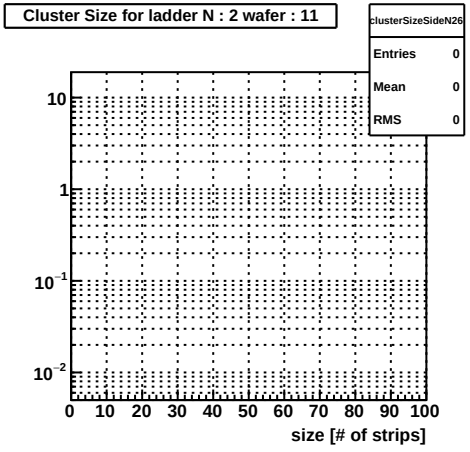

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

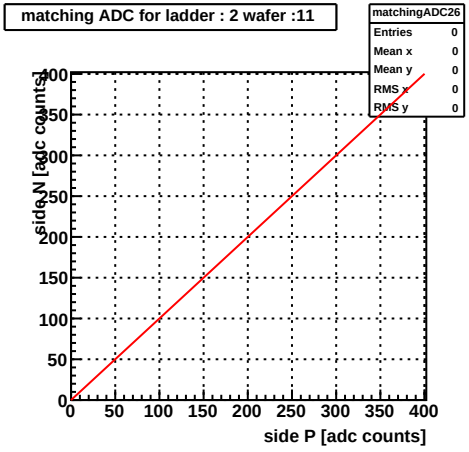

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

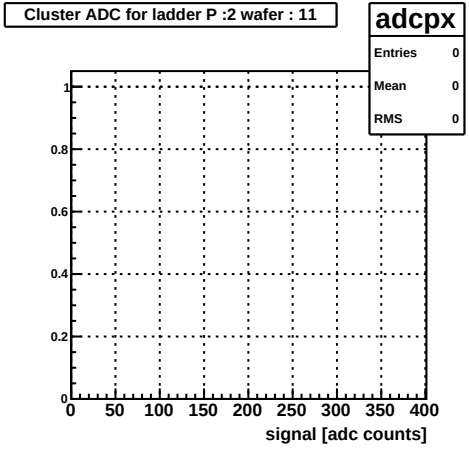

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

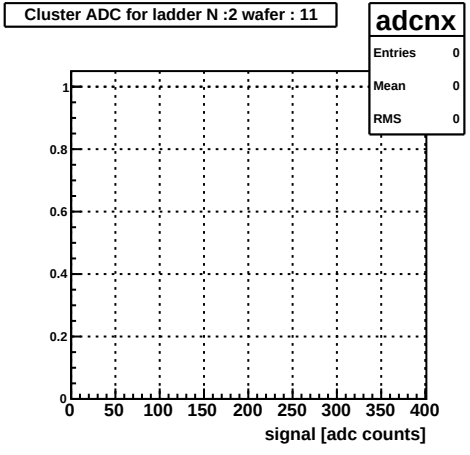

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

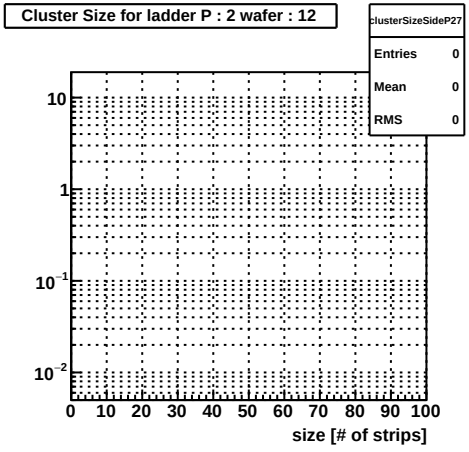

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

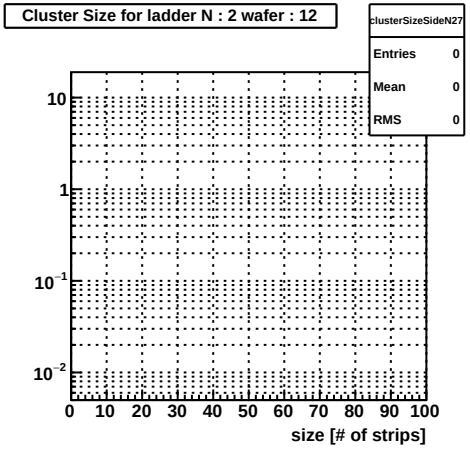

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

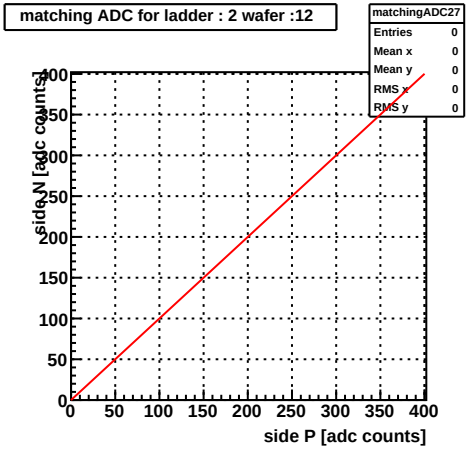

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

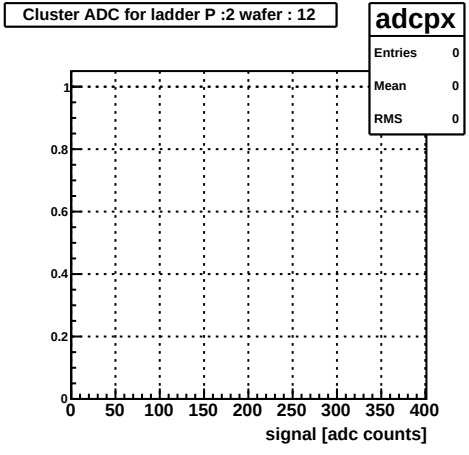

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

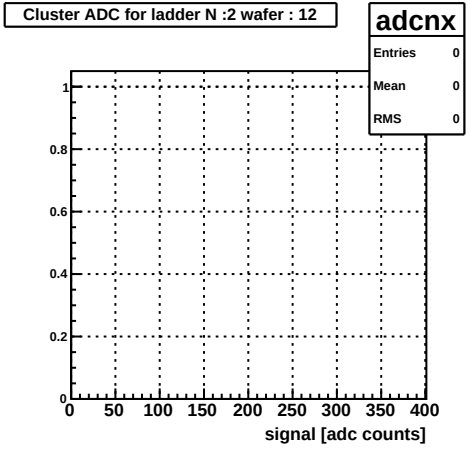

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

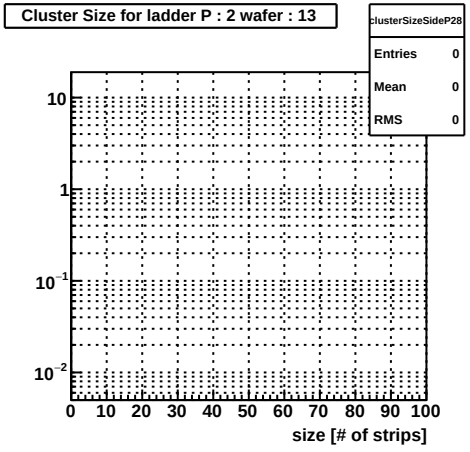

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

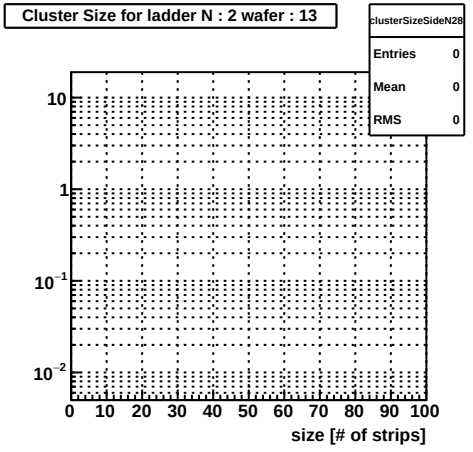

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

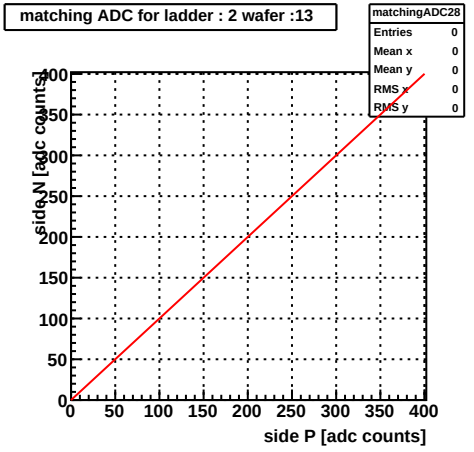

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

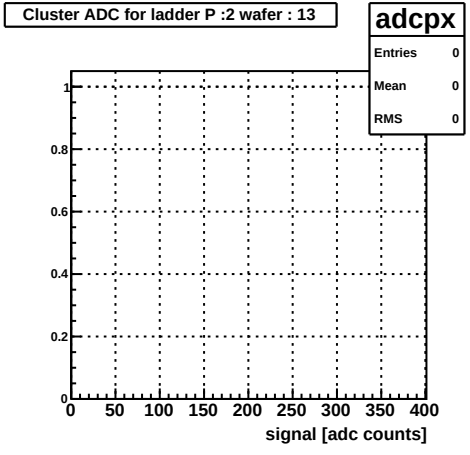

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

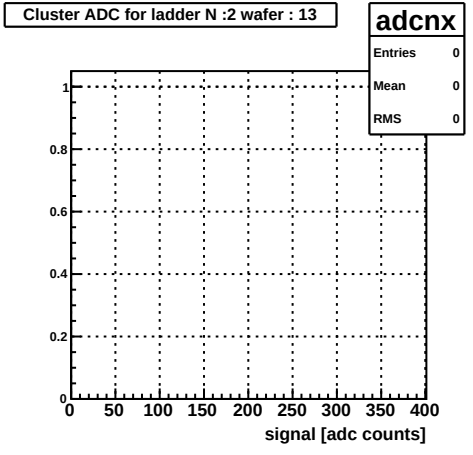

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

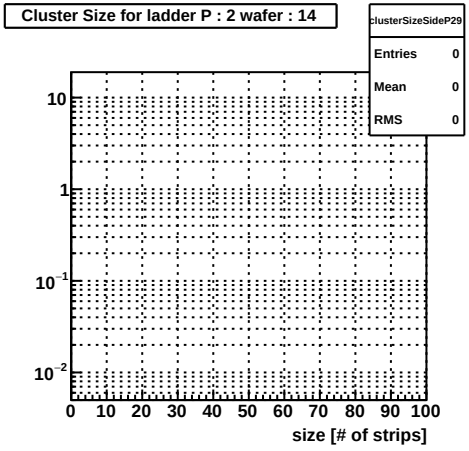

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

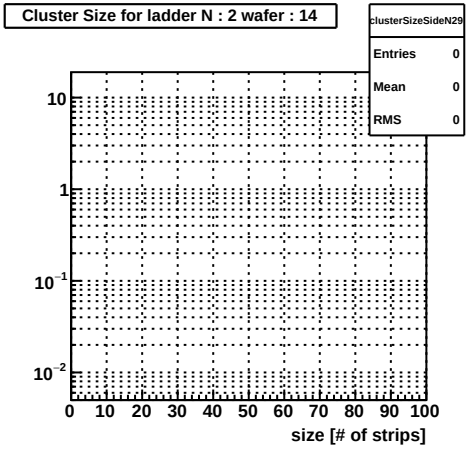

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

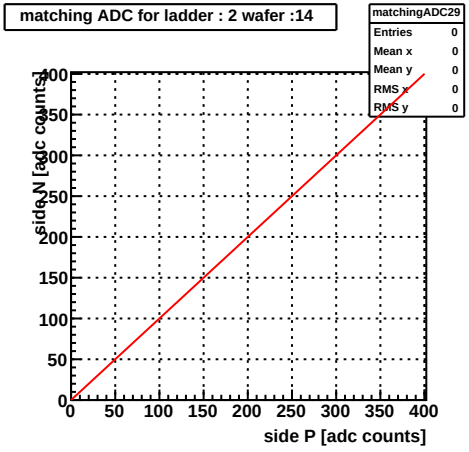

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

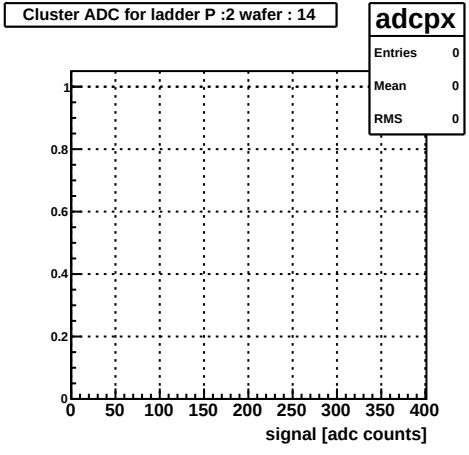

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

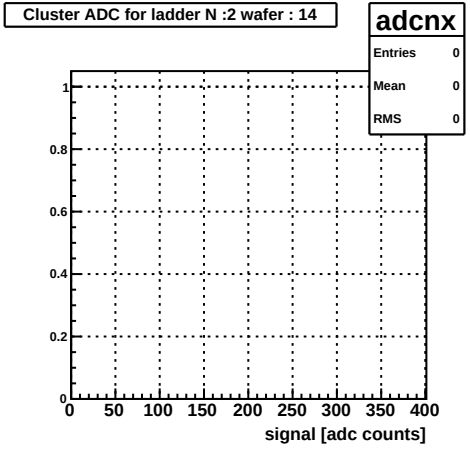

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

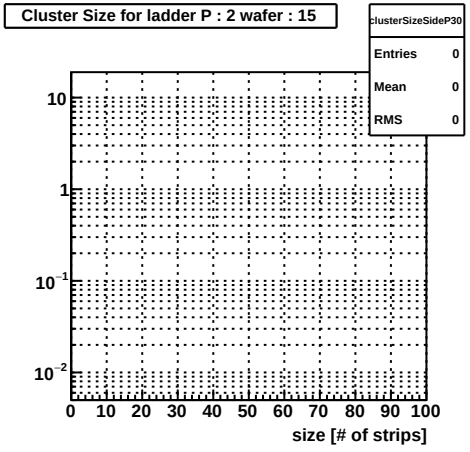

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

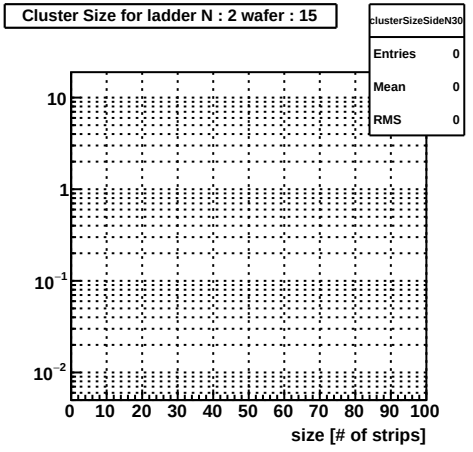

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

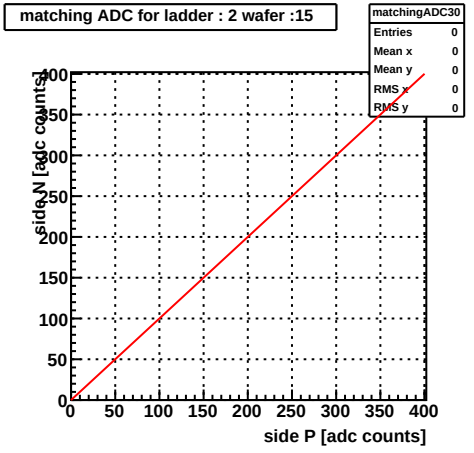

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

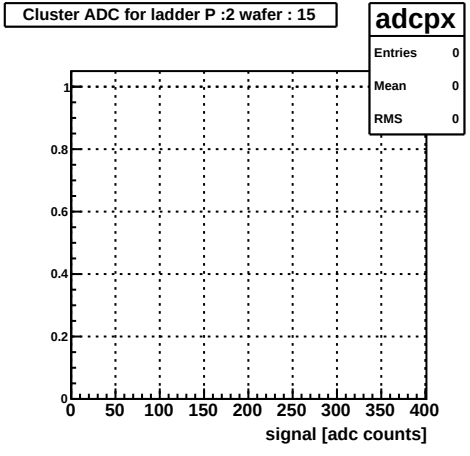

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

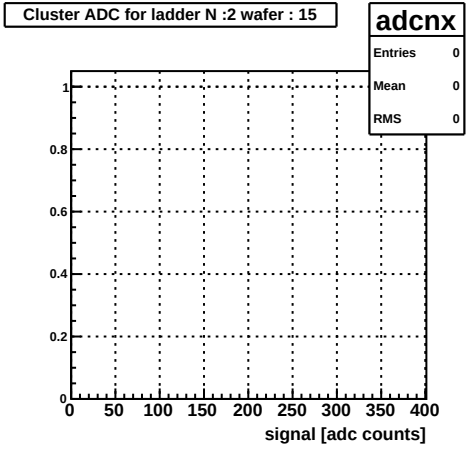

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

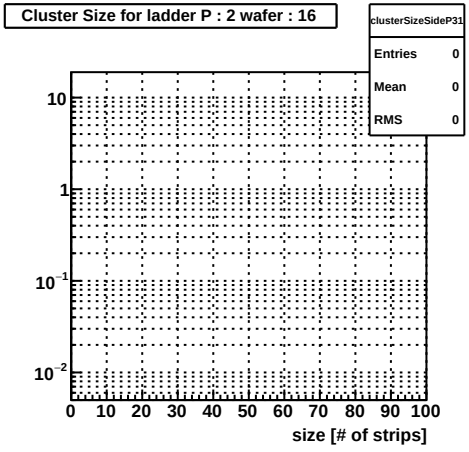

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

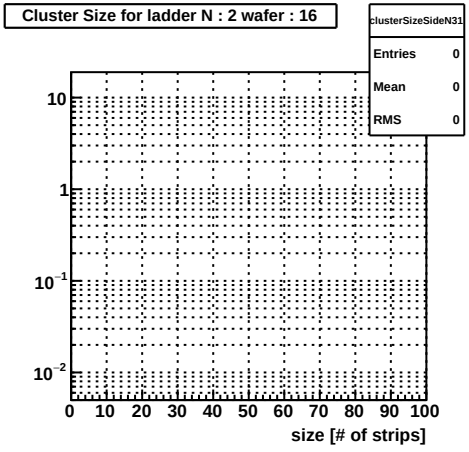

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

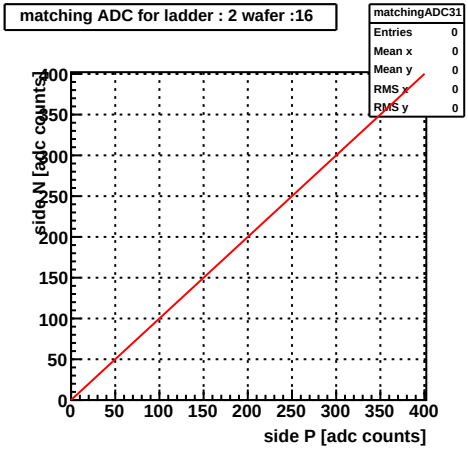

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

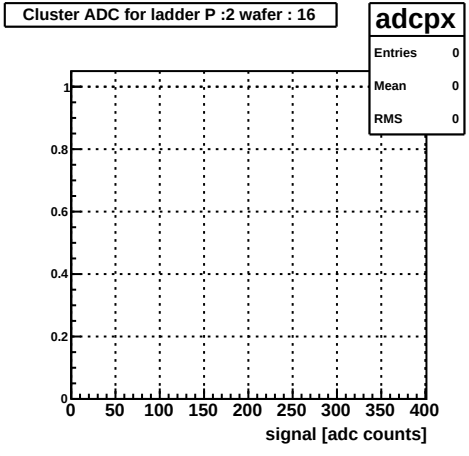

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

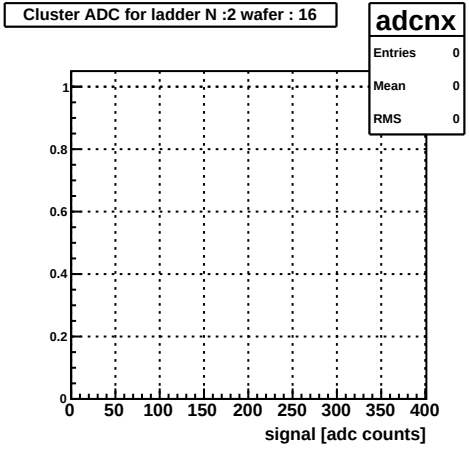

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

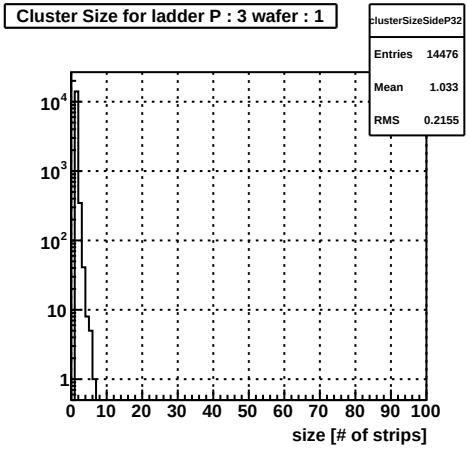

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

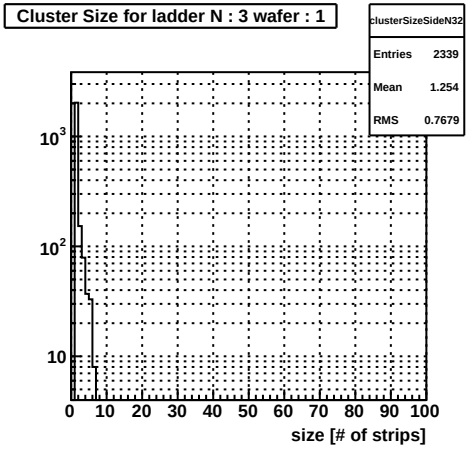

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

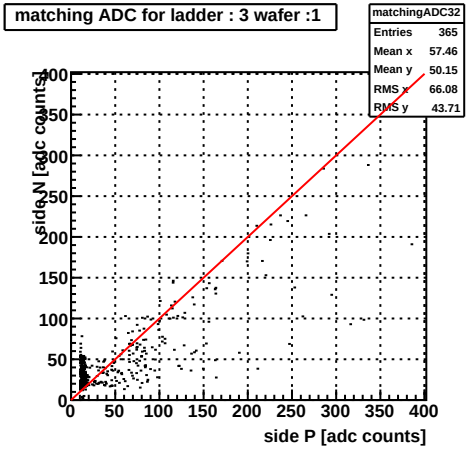

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

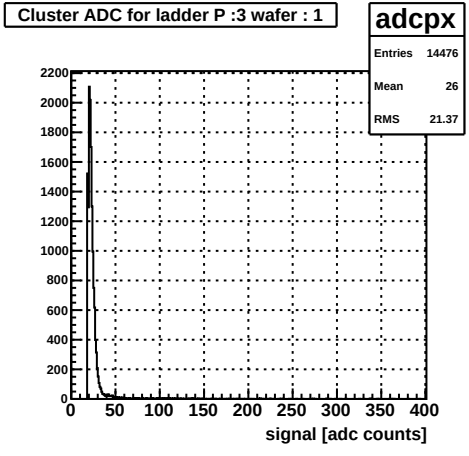

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

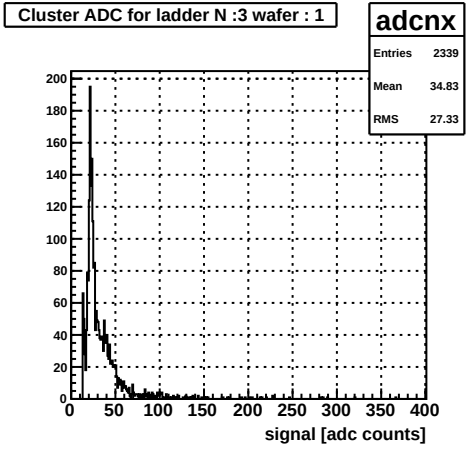

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

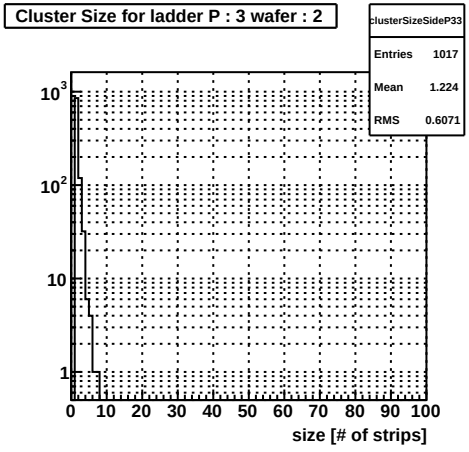

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 14476
Mean 1.033
RMS 0.2155
size [# of strips]

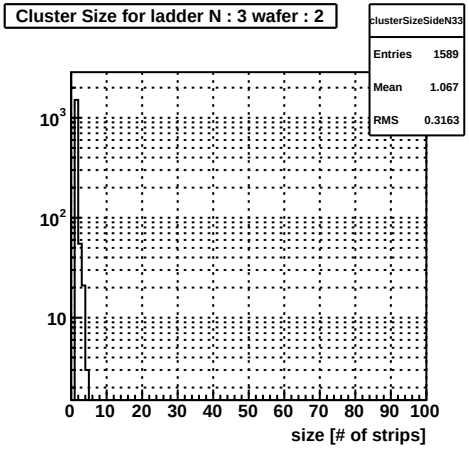

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 2339
Mean 1.254
RMS 0.7679
size [# of strips]

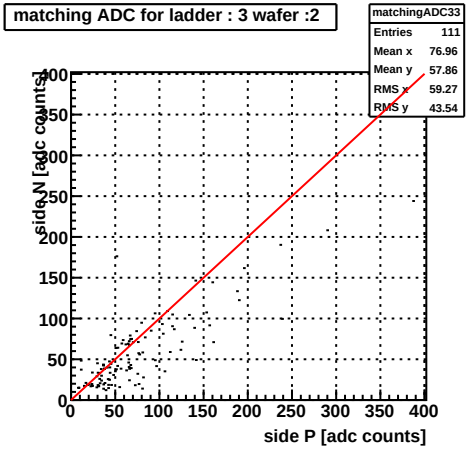

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 365
Mean x 57.46
Mean y 50.15
RMS x 66.08
RMS y 43.71
side N [adc counts]
side P [adc counts]

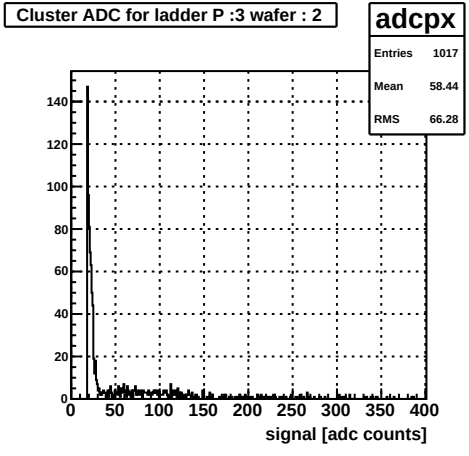

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 14476
Mean 26
RMS 21.37
signal [adc counts]

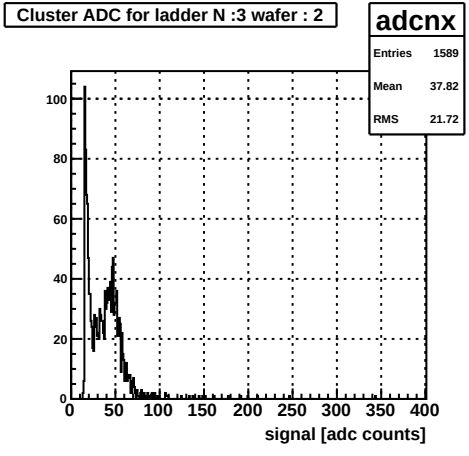

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 2339
Mean 34.83
RMS 27.33
signal [adc counts]

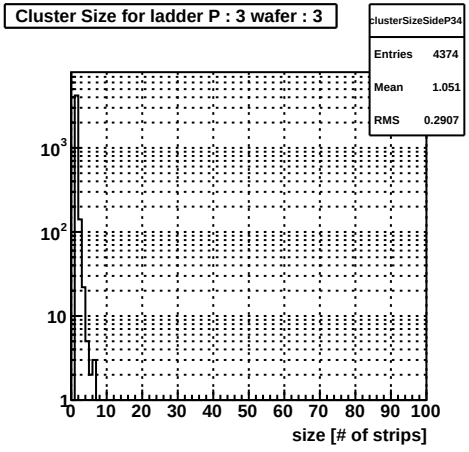

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 1017
Mean 1.224
RMS 0.6071
size [# of strips]

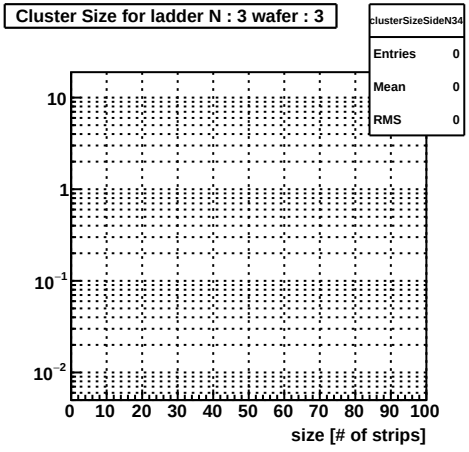

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 1589
Mean 1.067
RMS 0.3163
size [# of strips]

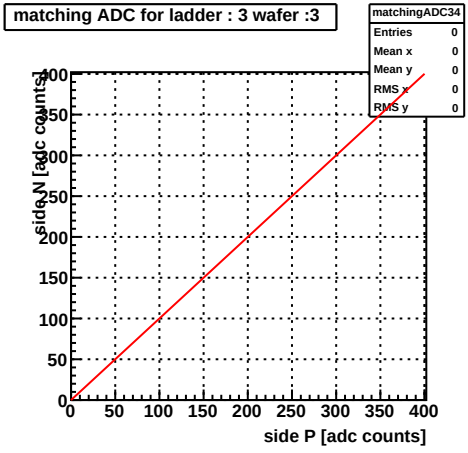

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 111
Mean x 76.96
Mean y 57.86
RMS x 59.27
RMS y 43.54
side N [adc counts]
side P [adc counts]

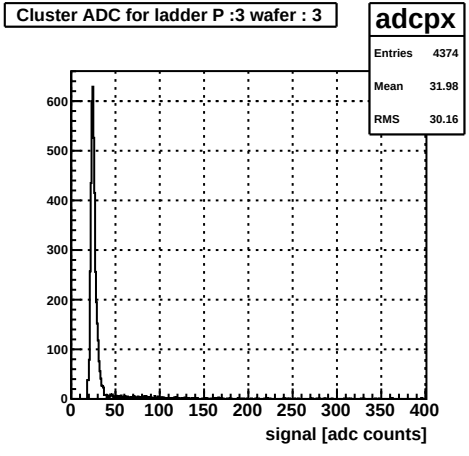

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 1017
Mean 58.44
RMS 66.28
signal [adc counts]

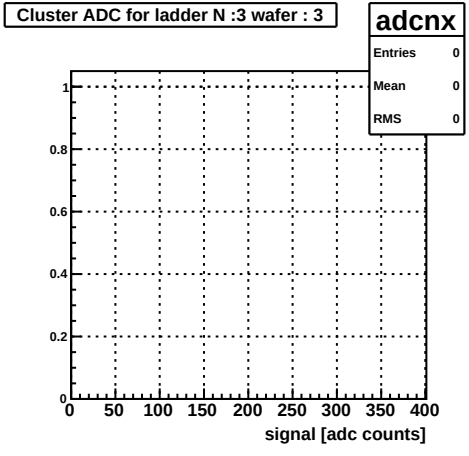

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 1589
Mean 37.82
RMS 21.72
signal [adc counts]

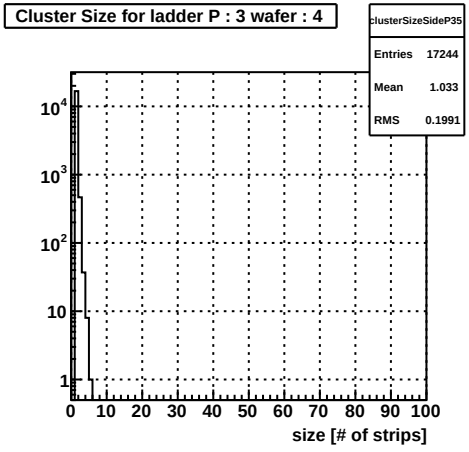

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 4374
Mean 1.051
RMS 0.2907
size [# of strips]

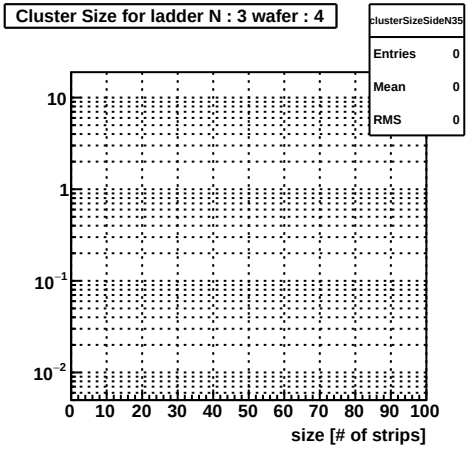

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

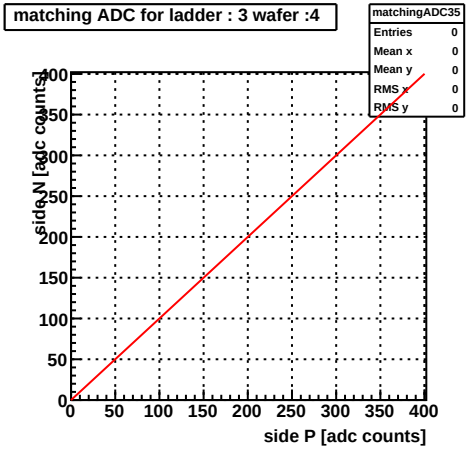

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

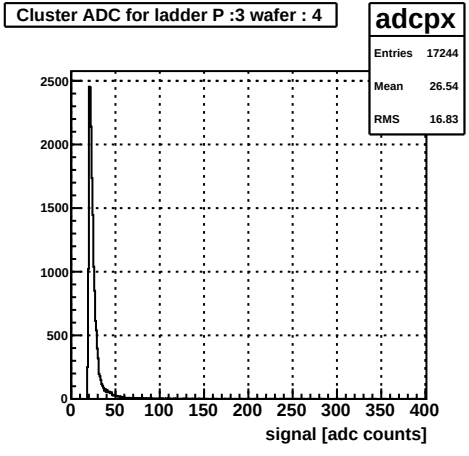

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 4374
Mean 31.98
RMS 30.16
signal [adc counts]

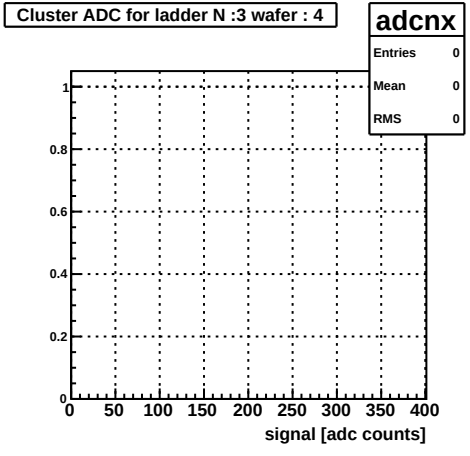

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

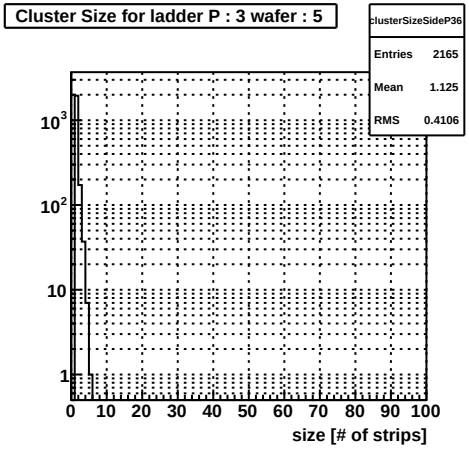

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 17244
Mean 1.033
RMS 0.1991
size [# of strips]

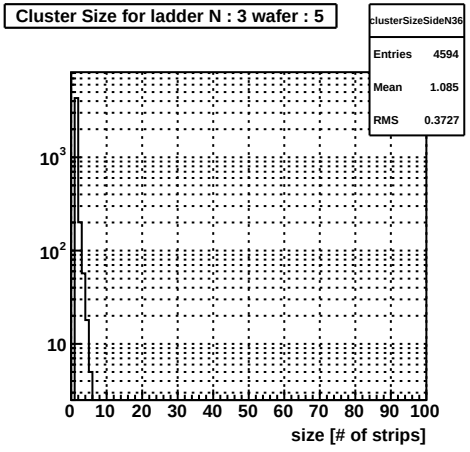

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

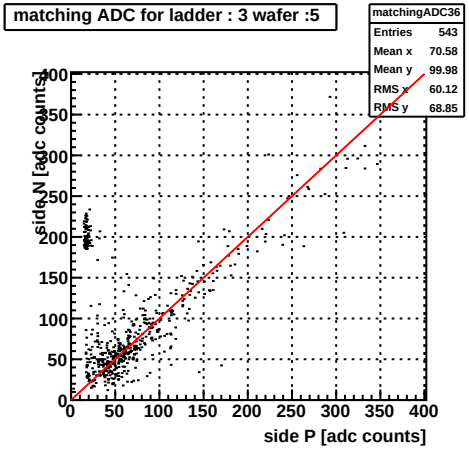

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

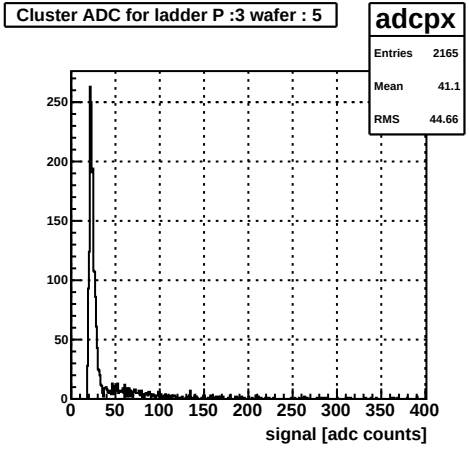

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 17244
Mean 26.54
RMS 16.83
signal [adc counts]

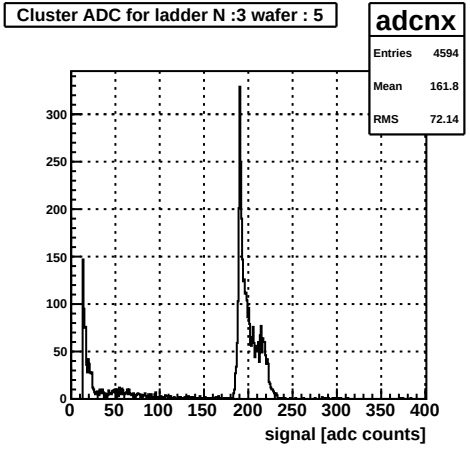

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

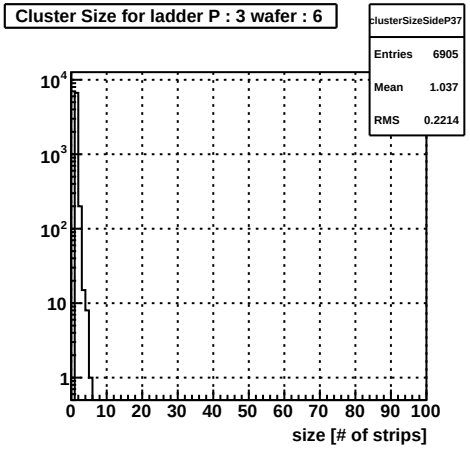

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 2165
Mean 1.125
RMS 0.4106
size [# of strips]

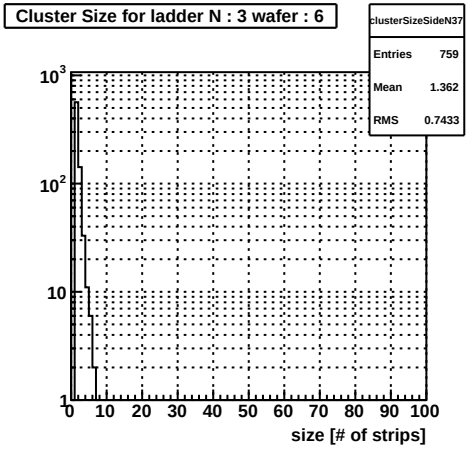

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 4594
Mean 1.085
RMS 0.3727
size [# of strips]

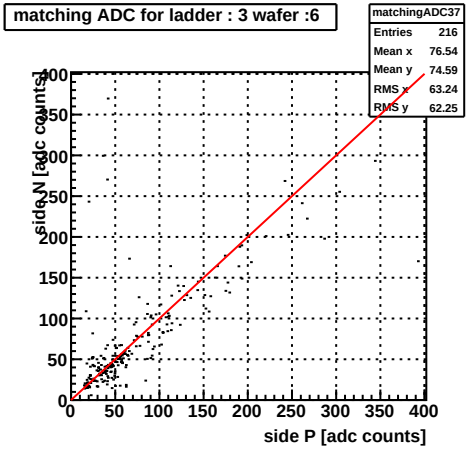

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 543
Mean x 70.58
Mean y 99.98
RMS x 60.12
RMS y 68.85
side N [adc counts]
side P [adc counts]

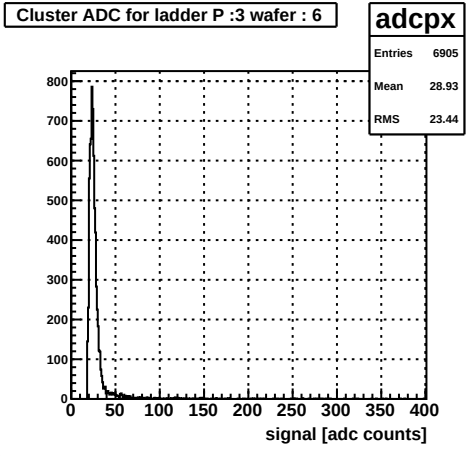

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 2165
Mean 41.1
RMS 44.66
signal [adc counts]

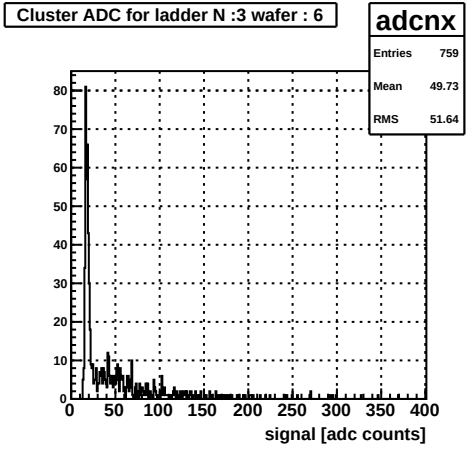

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 4594
Mean 161.8
RMS 72.14
signal [adc counts]

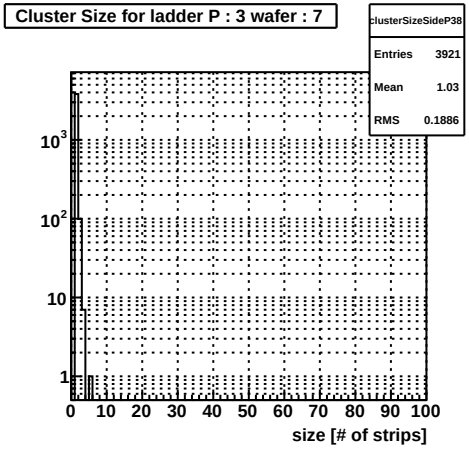

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 6905
Mean 1.037
RMS 0.2214
size [# of strips]

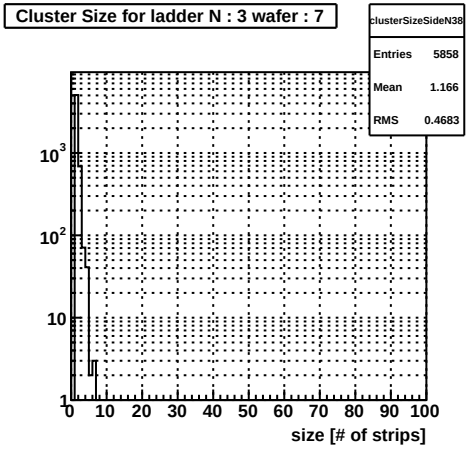

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 759
Mean 1.362
RMS 0.7433
size [# of strips]

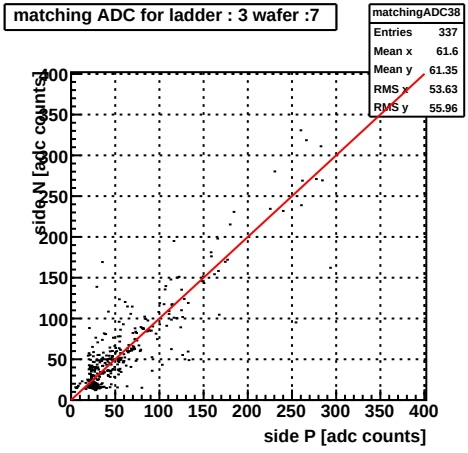

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 216
Mean x 76.54
Mean y 74.59
RMS x 63.24
RMS y 62.25
side N [adc counts]
side P [adc counts]

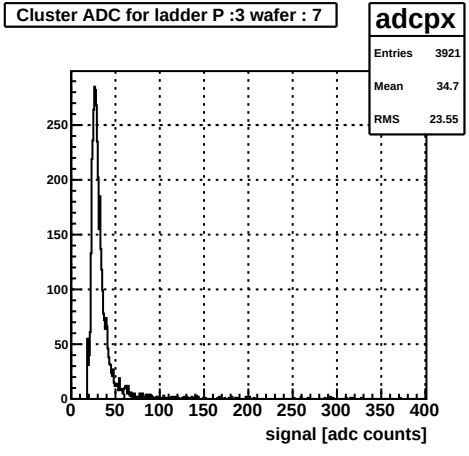

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 6905
Mean 28.93
RMS 23.44
signal [adc counts]

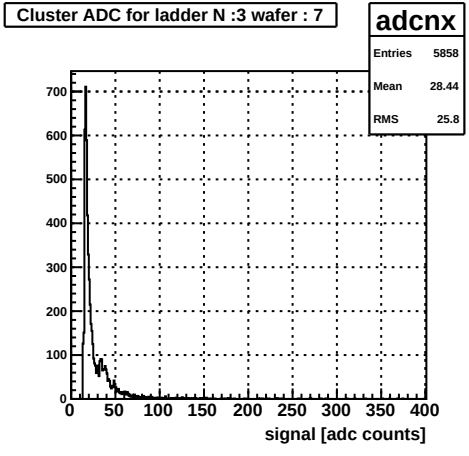

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 759
Mean 49.73
RMS 51.64
signal [adc counts]

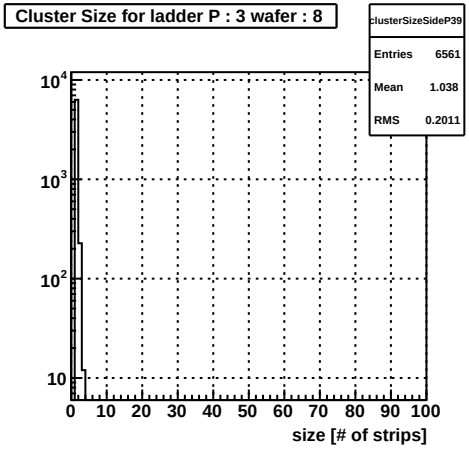

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 3921
Mean 1.03
RMS 0.1886
size [# of strips]

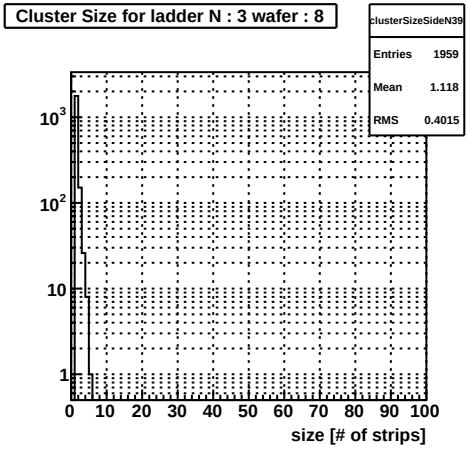

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 5858
Mean 1.166
RMS 0.4683
size [# of strips]

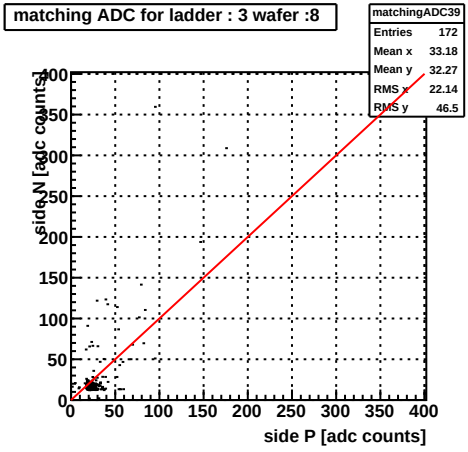

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 337
Mean x 61.6
Mean y 61.35
RMS x 53.63
RMS y 55.96
side N [adc counts]
side P [adc counts]

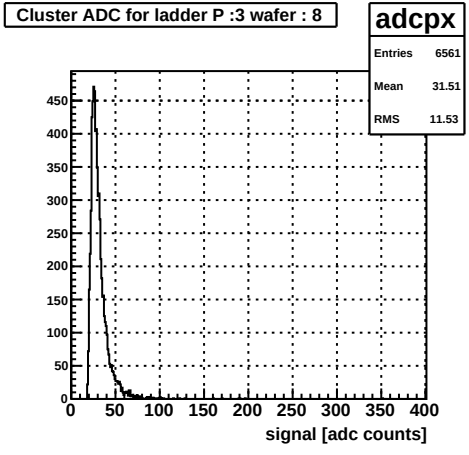

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 3921
Mean 34.7
RMS 23.55
signal [adc counts]

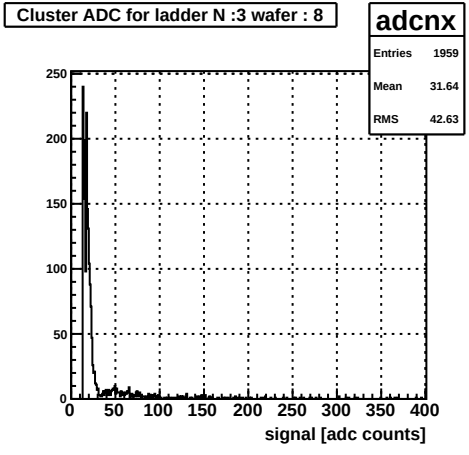

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 5858
Mean 28.44
RMS 25.8
signal [adc counts]

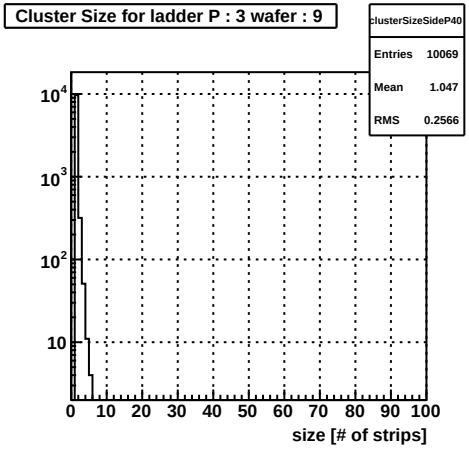

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 6561
Mean 1.038
RMS 0.2011
size [# of strips]

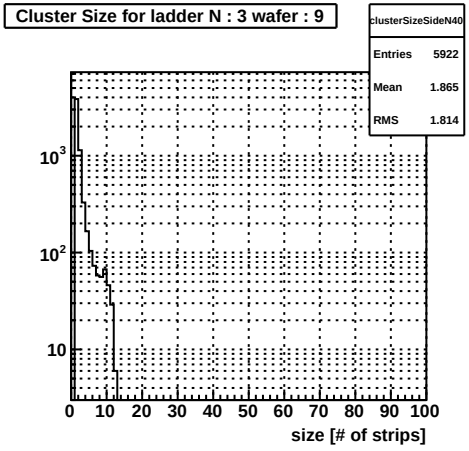

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 1959
Mean 1.118
RMS 0.4015
size [# of strips]

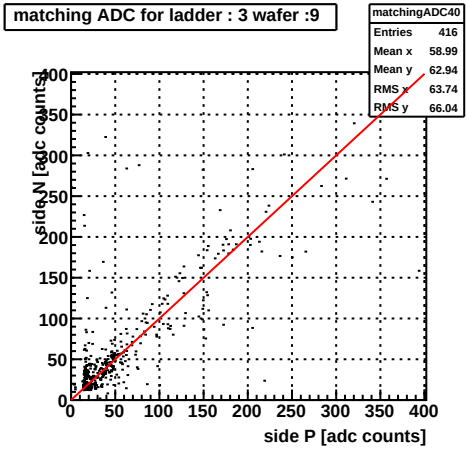

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 172
Mean x 33.18
Mean y 32.27
RMS x 22.14
RMS y 46.5
side N [adc counts]
side P [adc counts]

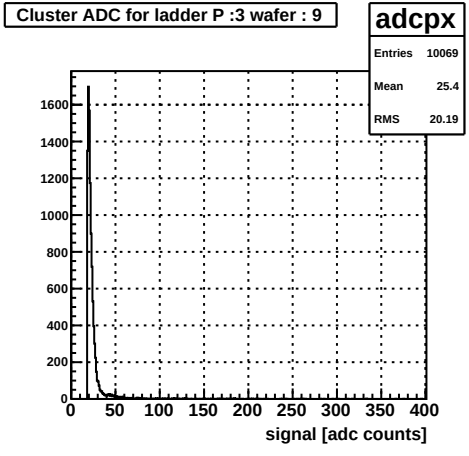

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 6561
Mean 31.51
RMS 11.53
signal [adc counts]

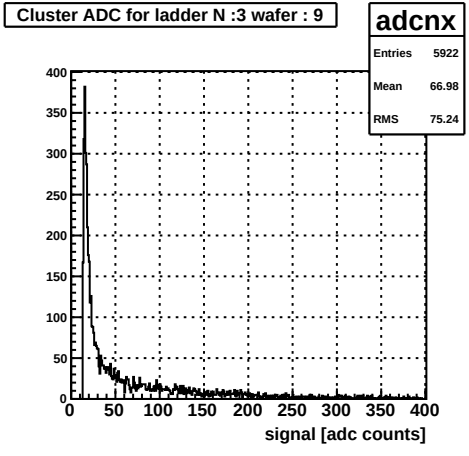

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 1959
Mean 31.64
RMS 42.63
signal [adc counts]

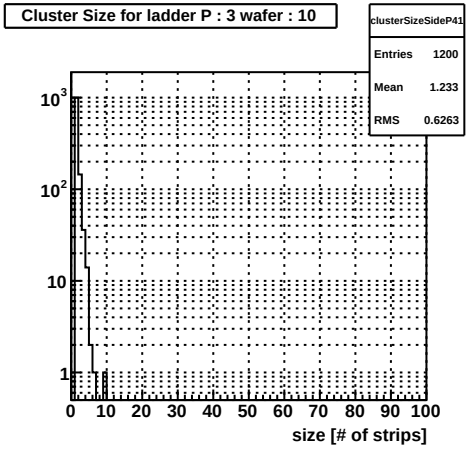

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 10069
Mean 1.047
RMS 0.2566
size [# of strips]

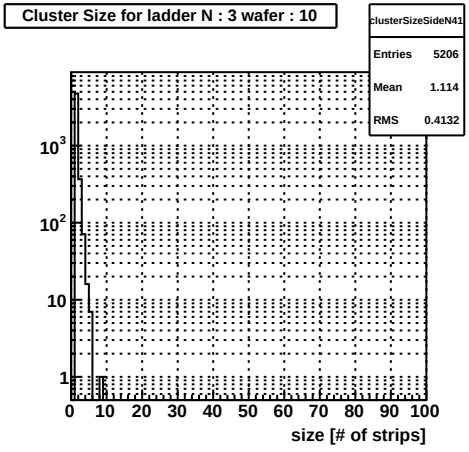

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 5922
Mean 1.865
RMS 1.814
size [# of strips]

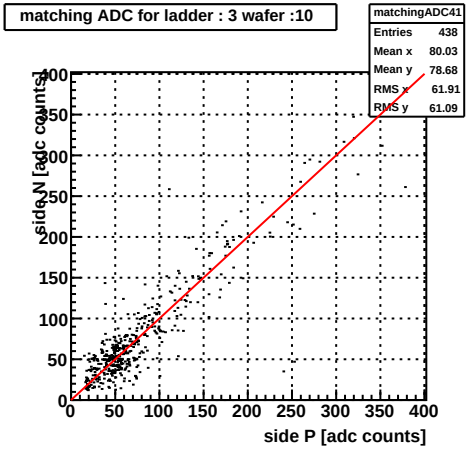

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 416
Mean x 58.99
Mean y 62.94
RMS x 63.74
RMS y 66.04
side N [adc counts]
side P [adc counts]

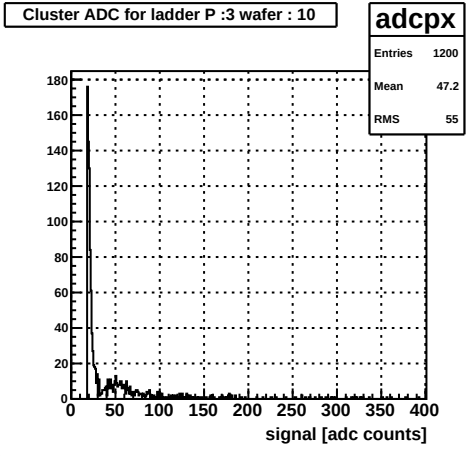

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 10069
Mean 25.4
RMS 20.19
signal [adc counts]

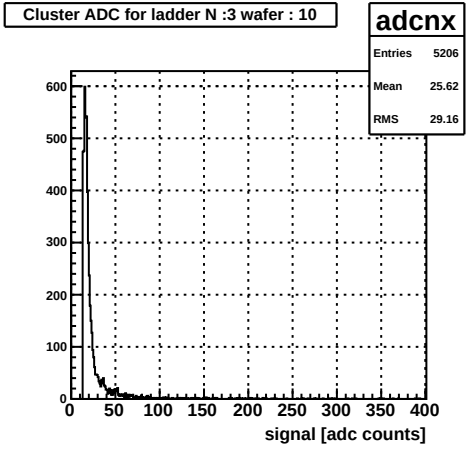

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 5922
Mean 66.98
RMS 75.24
signal [adc counts]

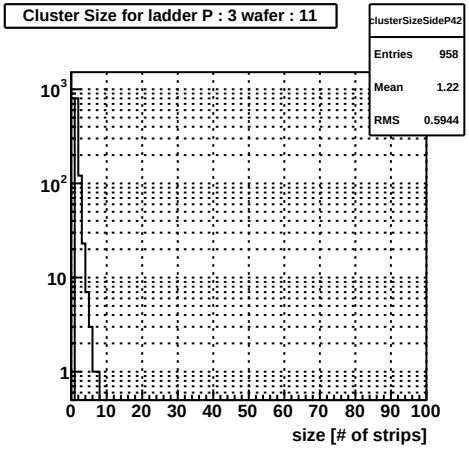

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 1200
Mean 1.233
RMS 0.6263
size [# of strips]

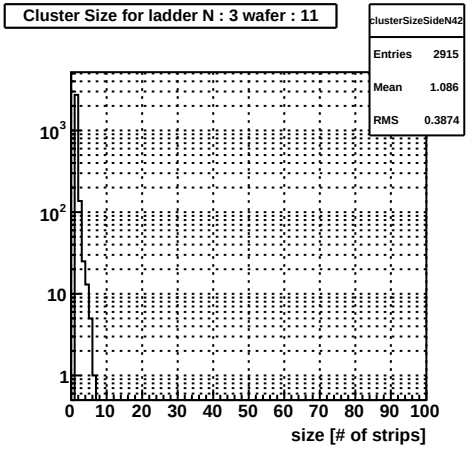

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 5206
Mean 1.114
RMS 0.4132
size [# of strips]

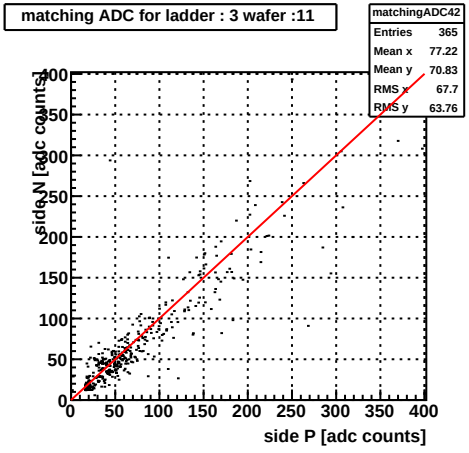

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 438
Mean x 80.03
Mean y 78.68
RMS x 61.91
RMS y 61.09
side N [adc counts]
side P [adc counts]

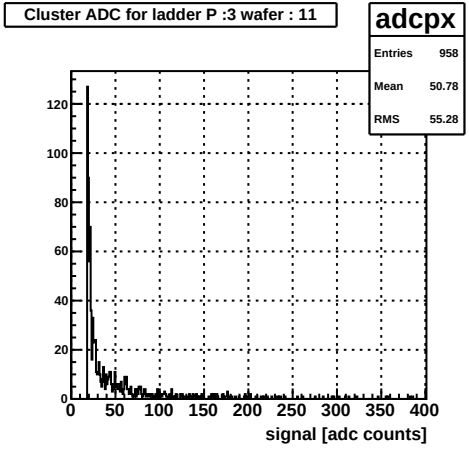

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 1200
Mean 47.2
RMS 55
signal [adc counts]

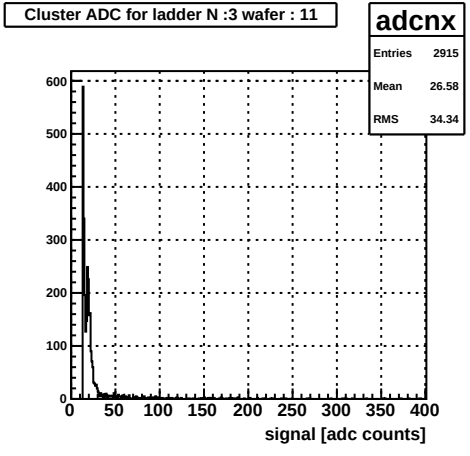

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 5206
Mean 25.62
RMS 29.16
signal [adc counts]

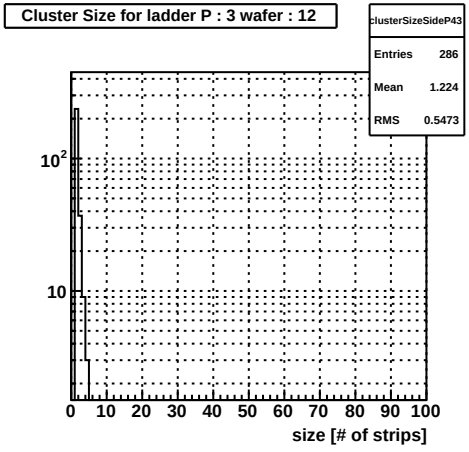

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 958
Mean 1.22
RMS 0.5944
size [# of strips]

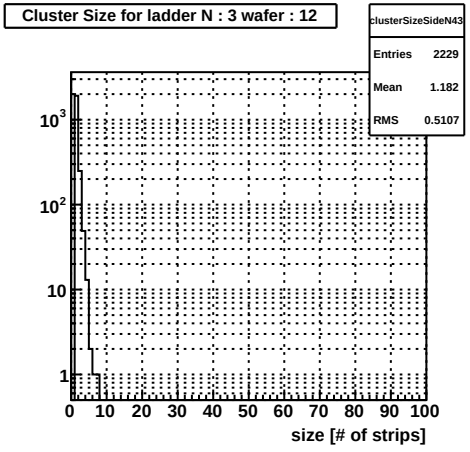

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 2915
Mean 1.086
RMS 0.3874
size [# of strips]

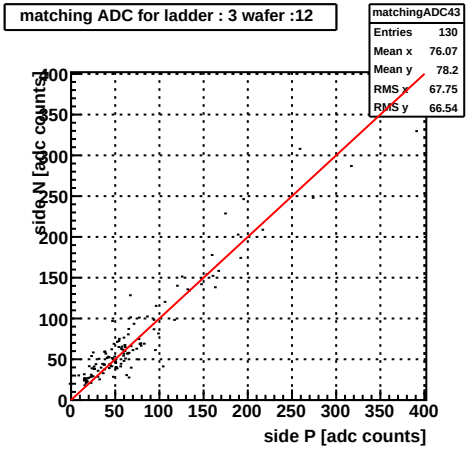

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 365
Mean x 77.22
Mean y 70.83
RMS x 67.7
RMS y 63.76
side N [adc counts]
side P [adc counts]

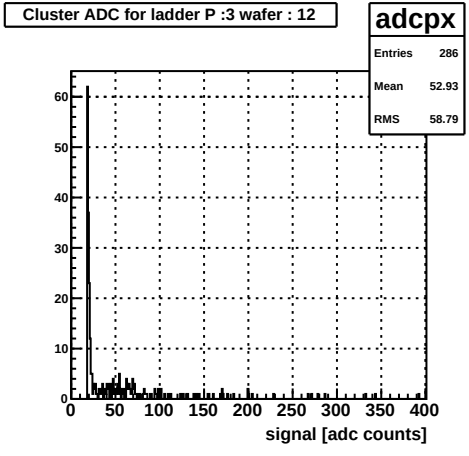

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 958
Mean 50.78
RMS 55.28
signal [adc counts]

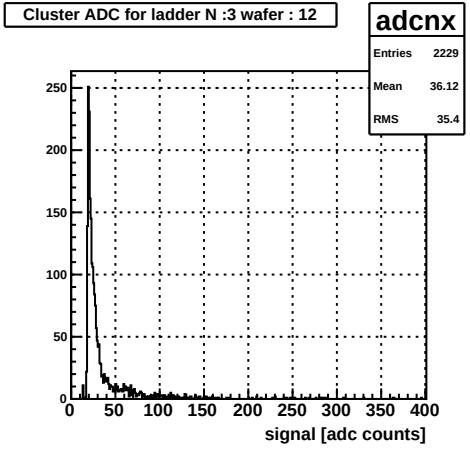

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 2915
Mean 26.58
RMS 34.34
signal [adc counts]

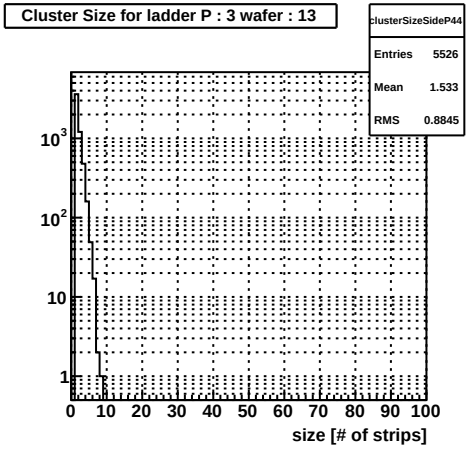

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 286
Mean 1.224
RMS 0.5473
size [# of strips]

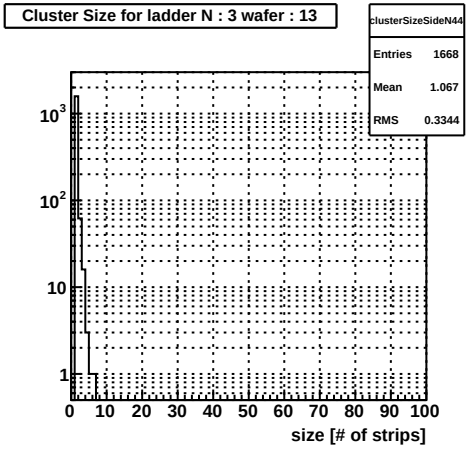

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 2229
Mean 1.182
RMS 0.5107
size [# of strips]

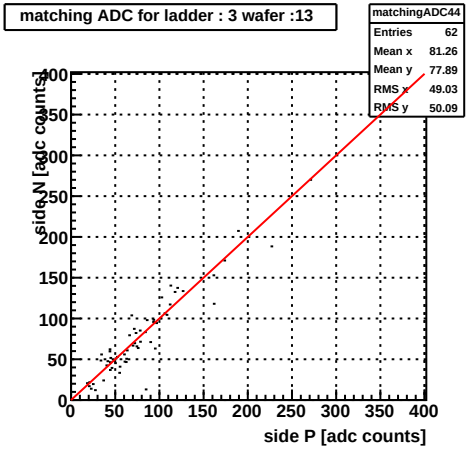

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 130
Mean x 76.07
Mean y 78.2
RMS x 67.75
RMS y 66.54
side N [adc counts]
side P [adc counts]

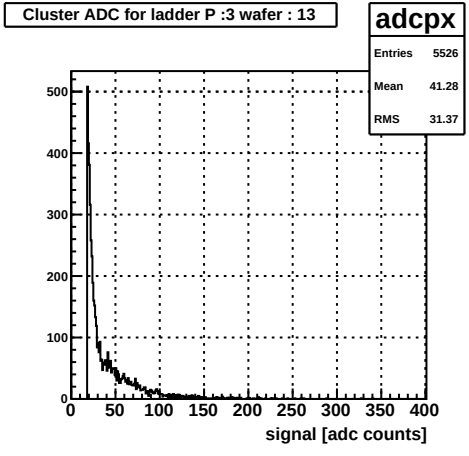

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 286
Mean 52.93
RMS 58.79
signal [adc counts]

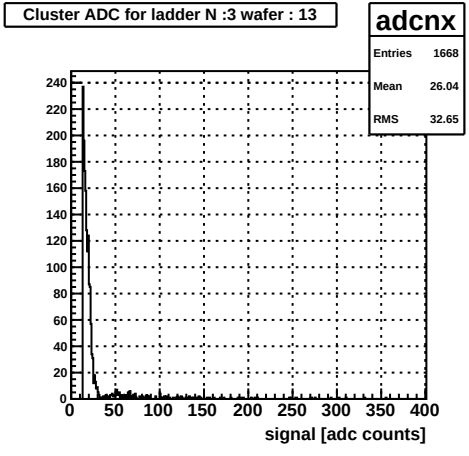

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 2229
Mean 36.12
RMS 35.4
signal [adc counts]

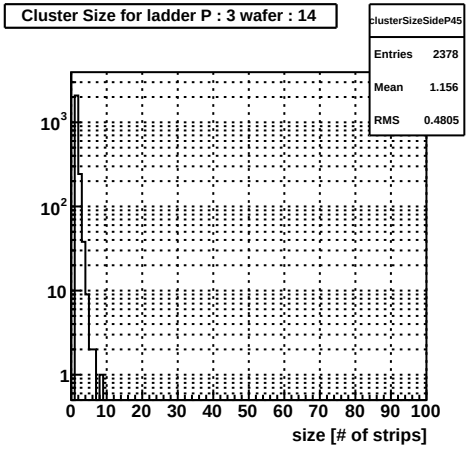

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 5526
Mean 1.533
RMS 0.8845
size [# of strips]

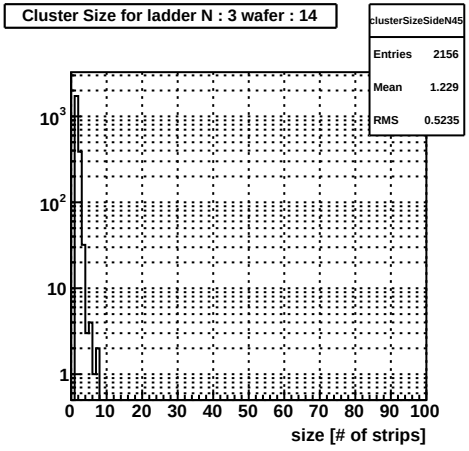

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 1668
Mean 1.067
RMS 0.3344
size [# of strips]

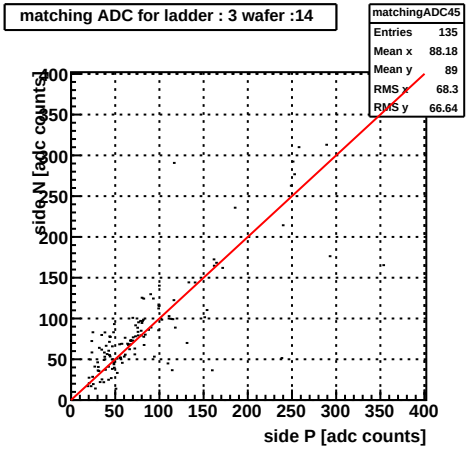

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 62
Mean x 81.26
Mean y 77.89
RMS x 49.03
RMS y 50.09
side N [adc counts]
side P [adc counts]

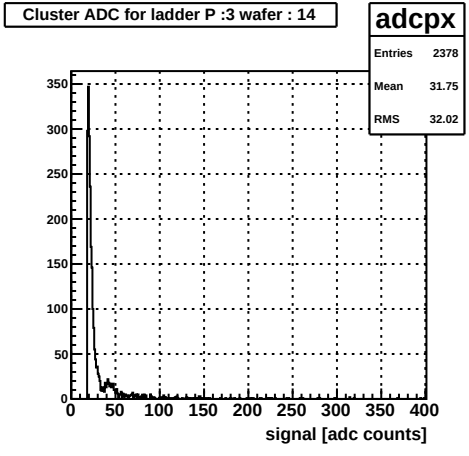

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 5526
Mean 41.28
RMS 31.37
signal [adc counts]

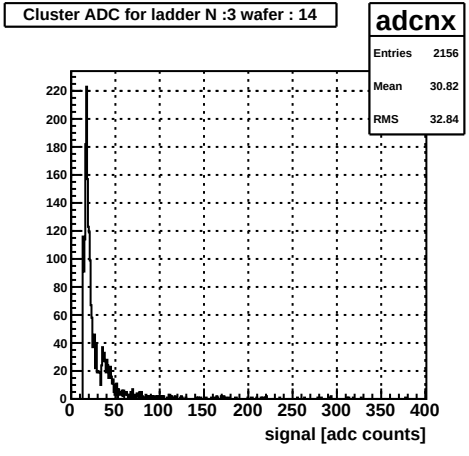

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 1668
Mean 26.04
RMS 32.65
signal [adc counts]

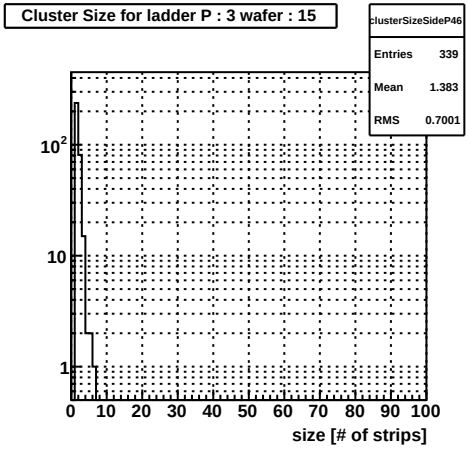

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 2378
Mean 1.156
RMS 0.4805
size [# of strips]

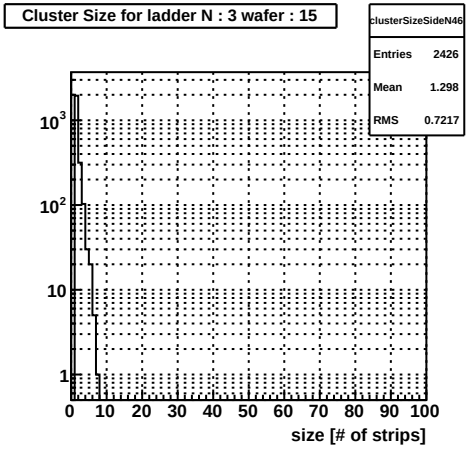

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 2156
Mean 1.229
RMS 0.5235
size [# of strips]

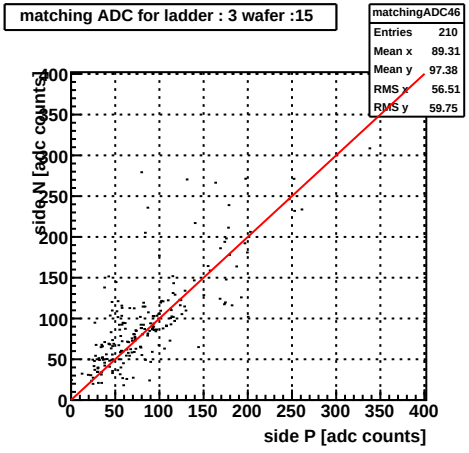

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 135
Mean x 88.18
Mean y 89
RMS x 68.3
RMS y 66.64
side N [adc counts]
side P [adc counts]

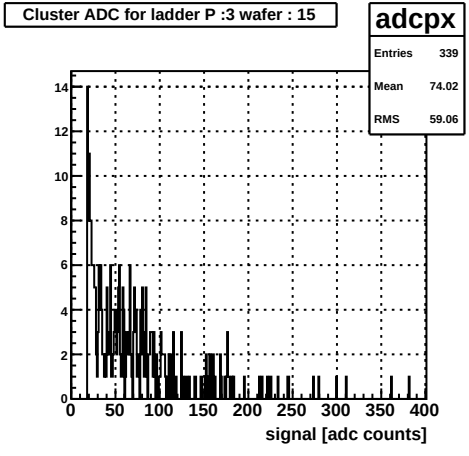

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 2378
Mean 31.75
RMS 32.02
signal [adc counts]

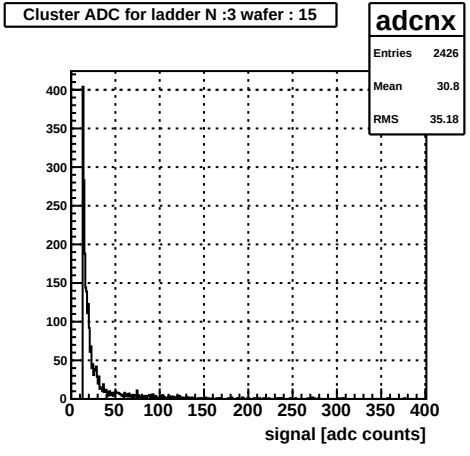

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 2156
Mean 30.82
RMS 32.84
signal [adc counts]

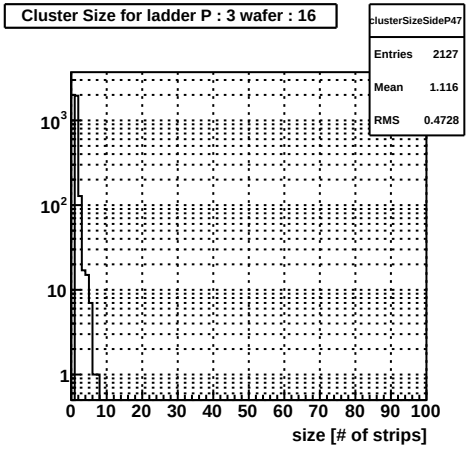

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 339
Mean 1.383
RMS 0.7001
size [# of strips]

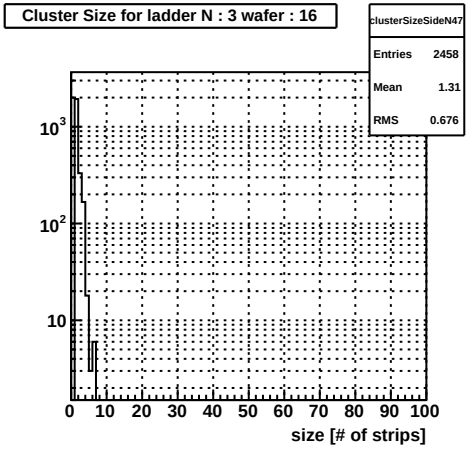

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 2426
Mean 1.298
RMS 0.7217
size [# of strips]

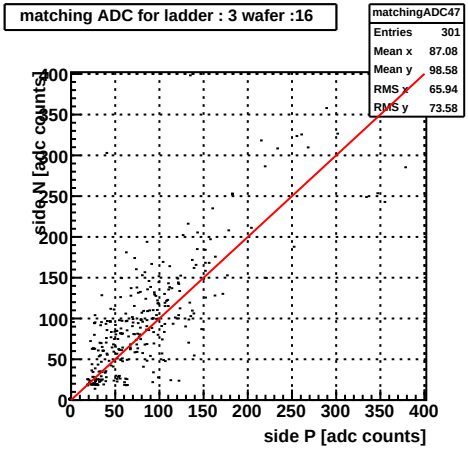

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 210
Mean x 89.31
Mean y 97.38
RMS x 56.51
RMS y 59.75
side N [adc counts]
side P [adc counts]

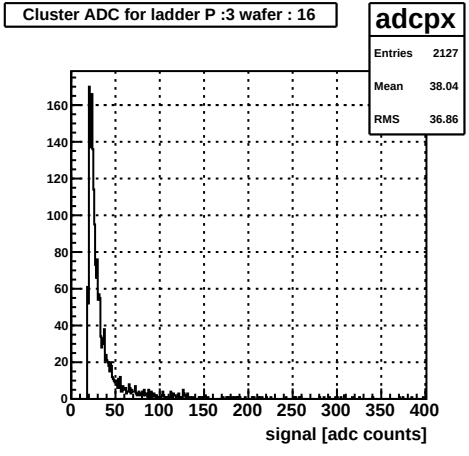

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 339
Mean 74.02
RMS 59.06
signal [adc counts]

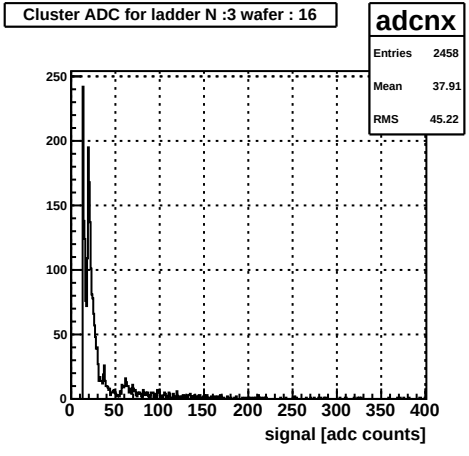

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 2426
Mean 30.8
RMS 35.18
signal [adc counts]

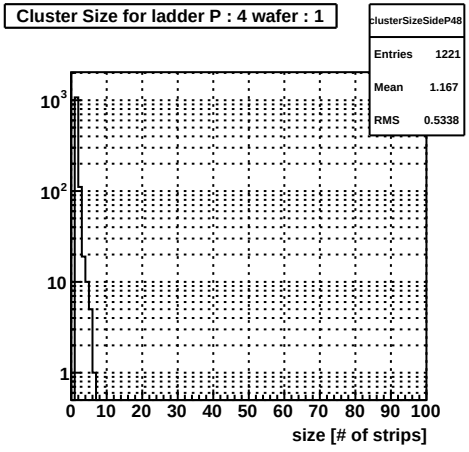

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 2127
Mean 1.116
RMS 0.4728
size [# of strips]

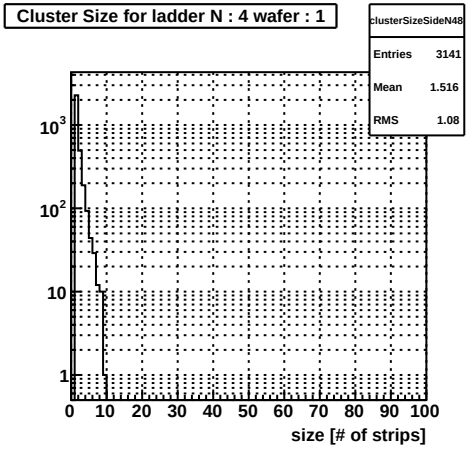

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 2458
Mean 1.31
RMS 0.676
size [# of strips]

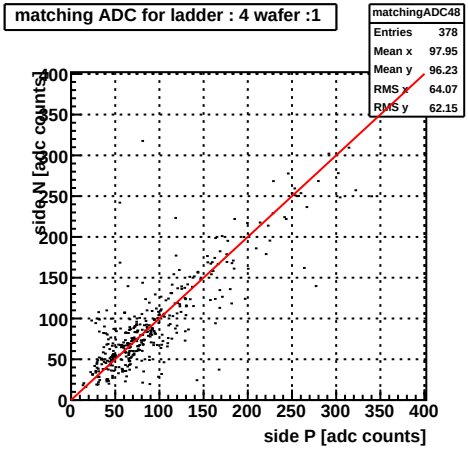

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 301
Mean x 87.08
Mean y 98.58
RMS x 65.94
RMS y 73.58
side N [adc counts]
side P [adc counts]

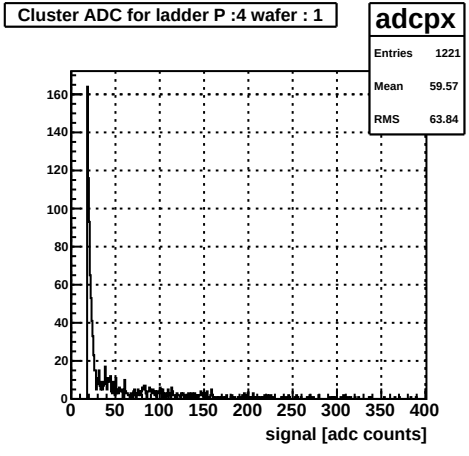

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 2127
Mean 38.04
RMS 36.86
signal [adc counts]

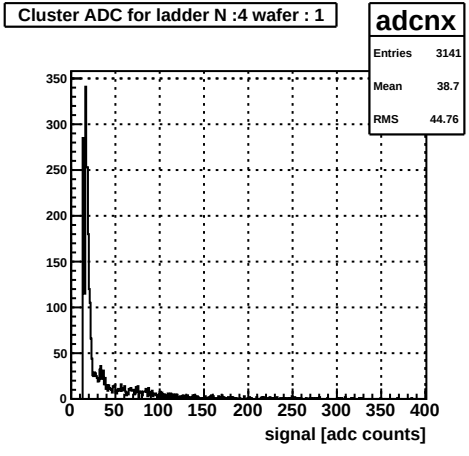

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 2458
Mean 37.91
RMS 45.22
signal [adc counts]

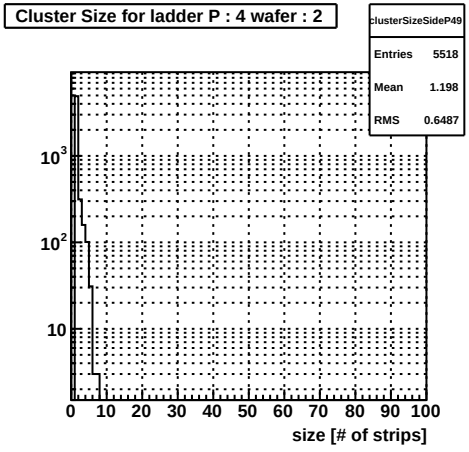

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 1221
Mean 1.167
RMS 0.5338
size [# of strips]

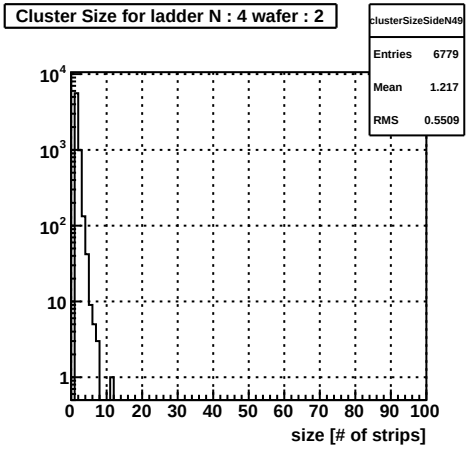

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 3141
Mean 1.516
RMS 1.08
size [# of strips]

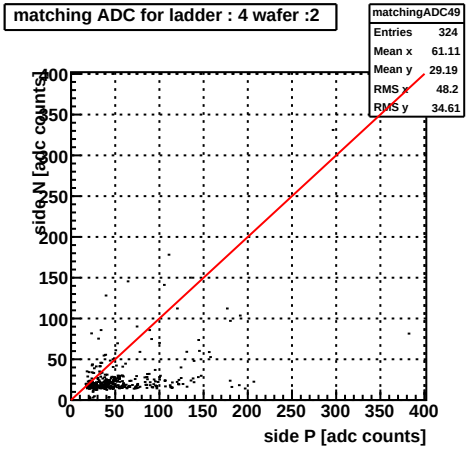

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 378
Mean x 97.95
Mean y 96.23
RMS x 64.07
RMS y 62.15
side N [adc counts]
side P [adc counts]

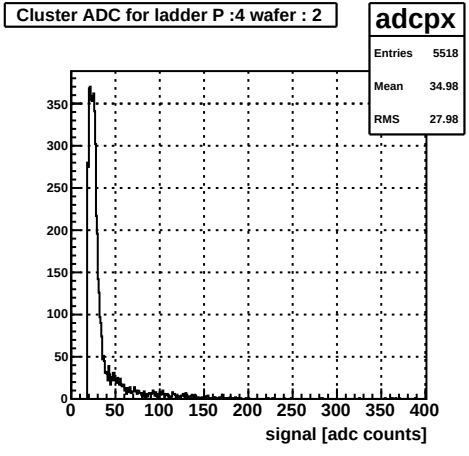

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 1221
Mean 59.57
RMS 63.84
signal [adc counts]

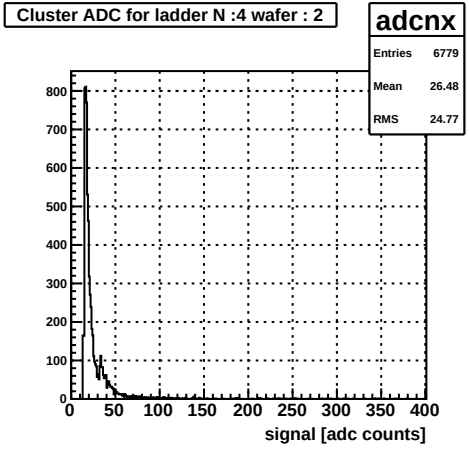

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 3141
Mean 38.7
RMS 44.76
signal [adc counts]

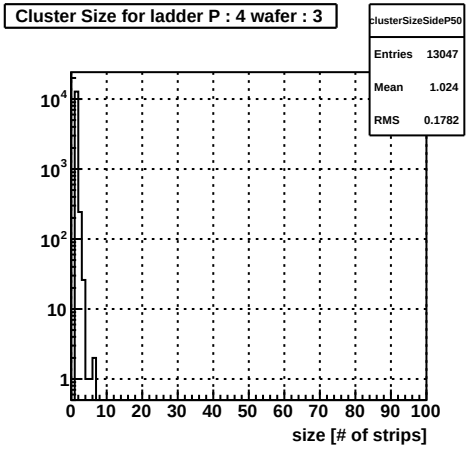

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 5518
Mean 1.198
RMS 0.6487
size [# of strips]

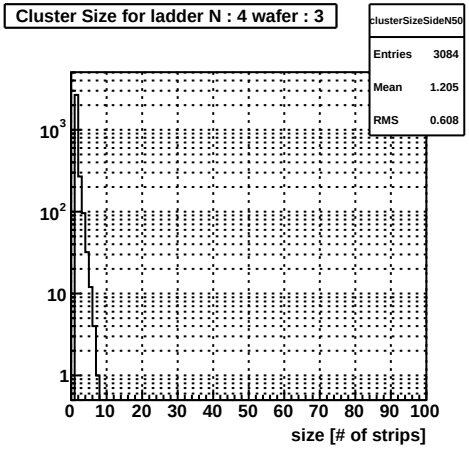

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 6779
Mean 1.217
RMS 0.5509
size [# of strips]

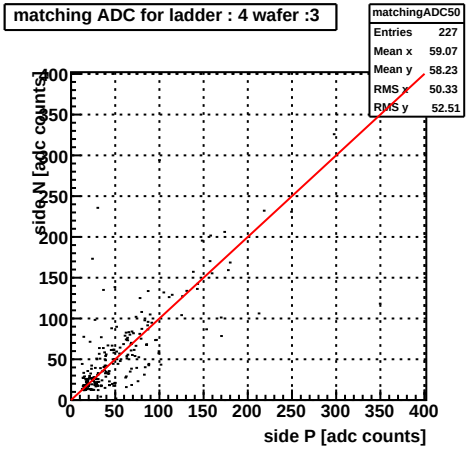

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 324
Mean x 61.11
Mean y 29.19
RMS x 48.2
RMS y 34.61
side N [adc counts]
side P [adc counts]

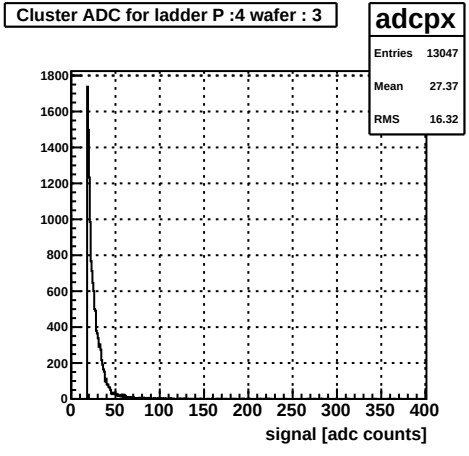

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 5518
Mean 34.98
RMS 27.98
signal [adc counts]

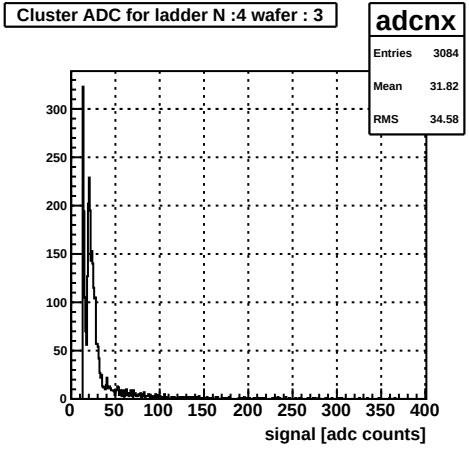

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 6779
Mean 26.48
RMS 24.77
signal [adc counts]

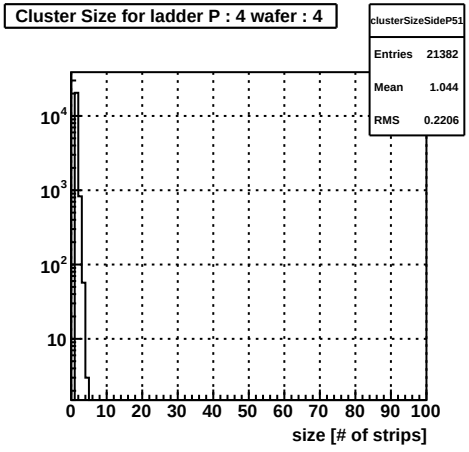

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 13047
Mean 1.024
RMS 0.1782
size [# of strips]

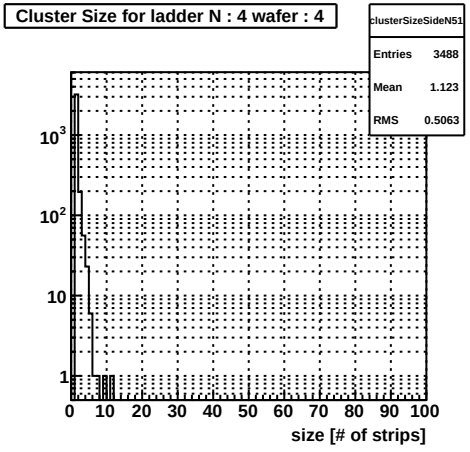

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 3084
Mean 1.205
RMS 0.608
size [# of strips]

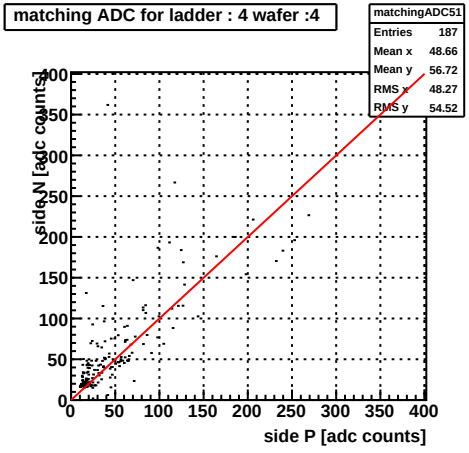

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 227
Mean x 59.07
Mean y 58.23
RMS x 50.33
RMS y 52.51
side N [adc counts]
side P [adc counts]

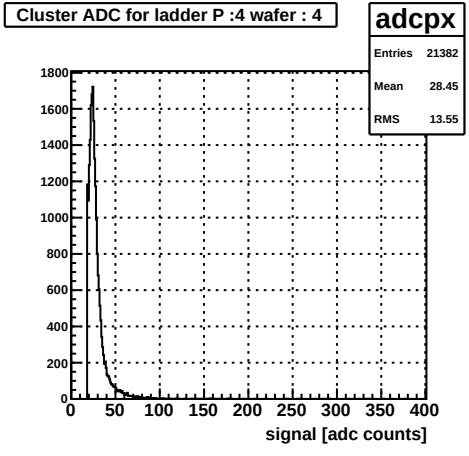

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 13047
Mean 27.37
RMS 16.32
signal [adc counts]

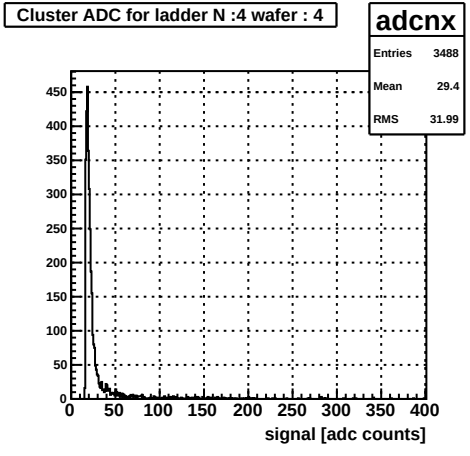

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 3084
Mean 31.82
RMS 34.58
signal [adc counts]

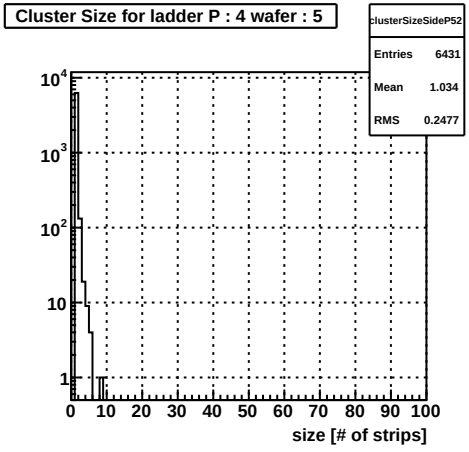

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 21382
Mean 1.044
RMS 0.2206
size [# of strips]

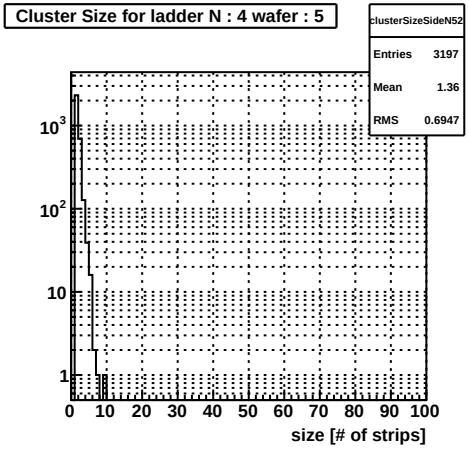

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 3488
Mean 1.123
RMS 0.5063
size [# of strips]

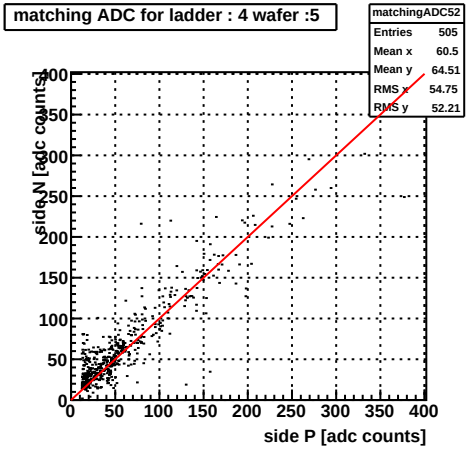

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 187
Mean x 48.66
Mean y 56.72
RMS x 48.27
RMS y 54.52
side N [adc counts]
side P [adc counts]

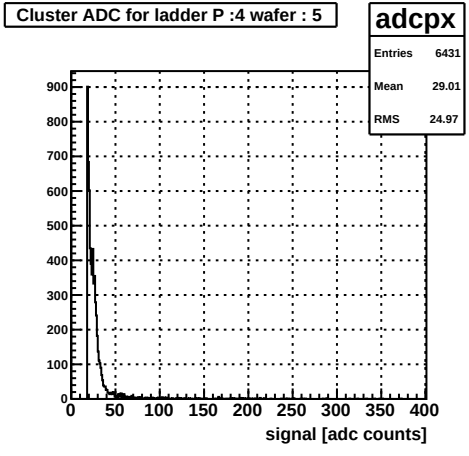

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 21382
Mean 28.45
RMS 13.55
signal [adc counts]

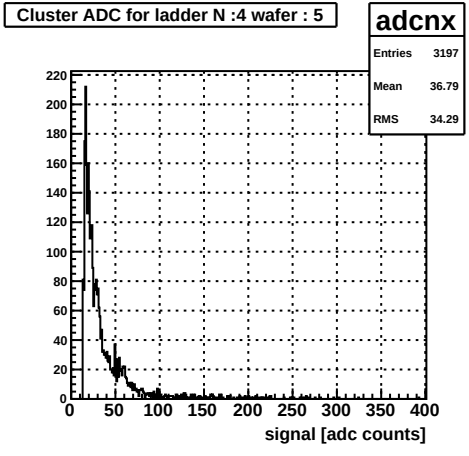

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 3488
Mean 29.4
RMS 31.99
signal [adc counts]

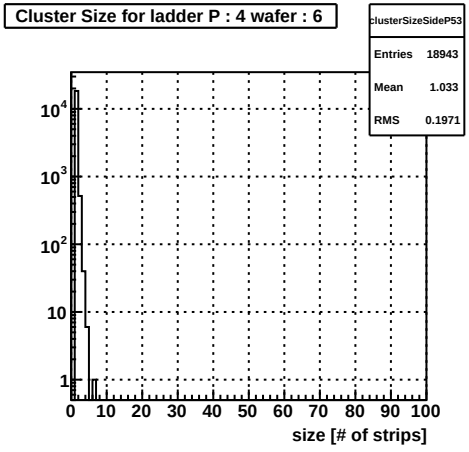

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 6431
Mean 1.034
RMS 0.2477
size [# of strips]

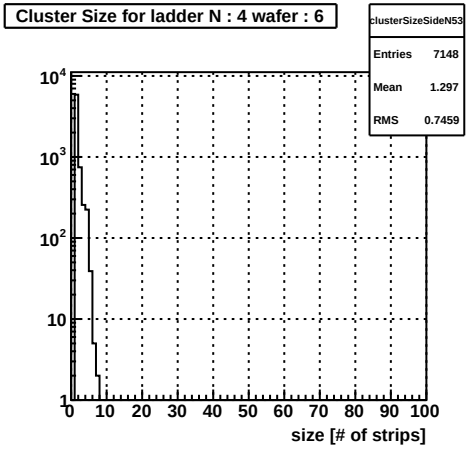

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 3197
Mean 1.36
RMS 0.6947
size [# of strips]

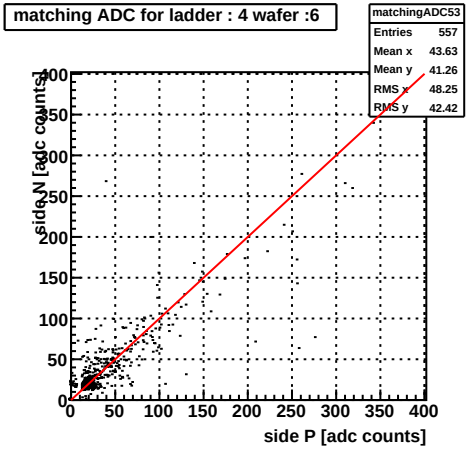

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 505
Mean x 60.5
Mean y 64.51
RMS x 54.75
RMS y 52.21
side N [adc counts]
side P [adc counts]

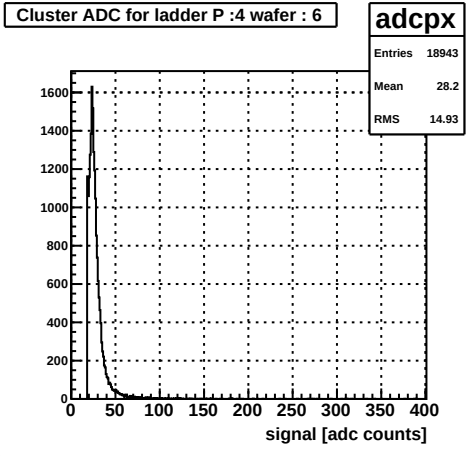

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 6431
Mean 29.01
RMS 24.97
signal [adc counts]

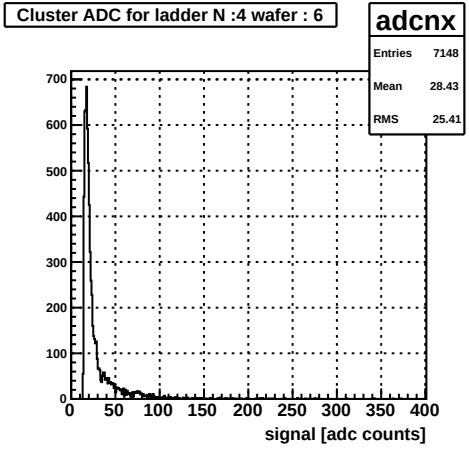

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 3197
Mean 36.79
RMS 34.29
signal [adc counts]

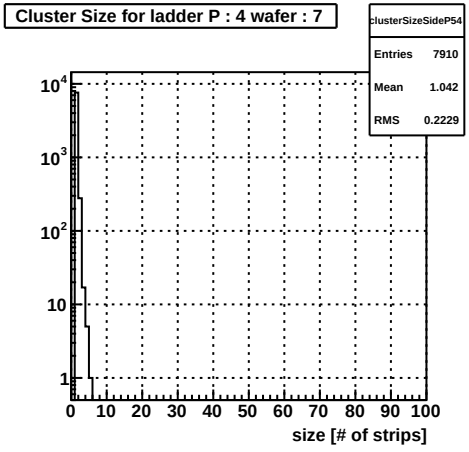

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 18943
Mean 1.033
RMS 0.1971
size [# of strips]

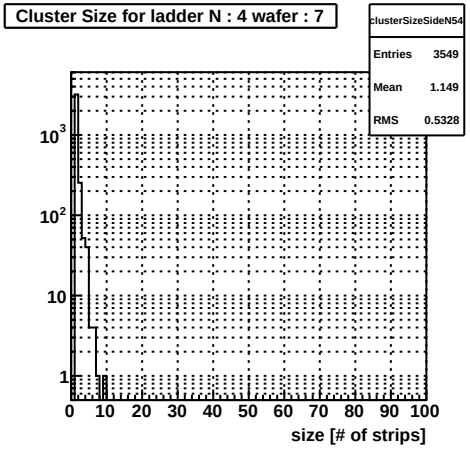

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 7148
Mean 1.297
RMS 0.7459
size [# of strips]

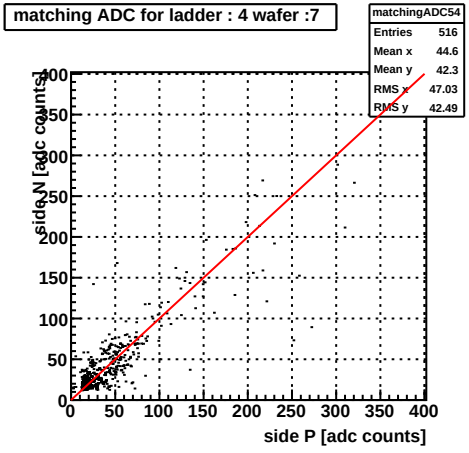

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 557
Mean x 43.63
Mean y 41.26
RMS x 48.25
RMS y 42.42
side N [adc counts]
side P [adc counts]

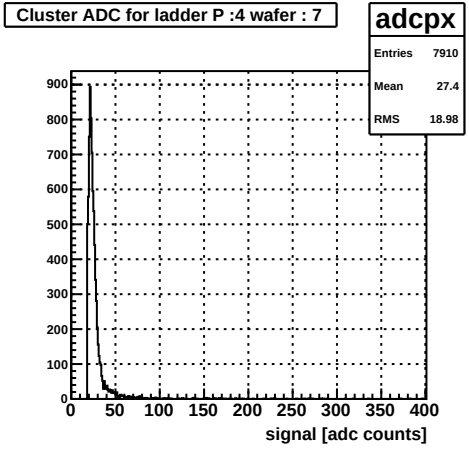

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 18943
Mean 28.2
RMS 14.93
signal [adc counts]

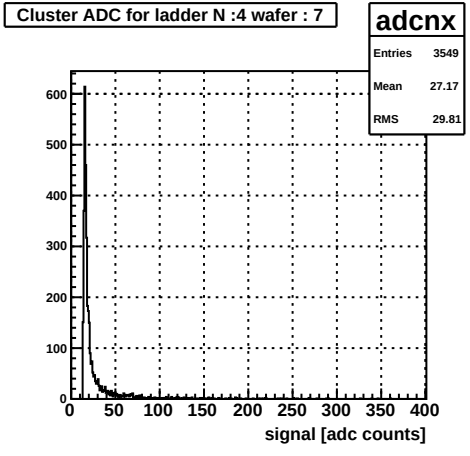

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 7148
Mean 28.43
RMS 25.41
signal [adc counts]

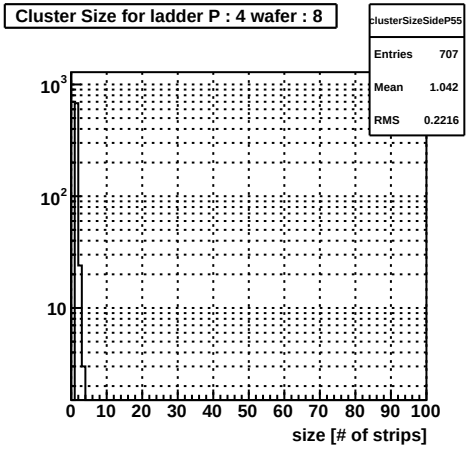

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 7910
Mean 1.042
RMS 0.2229
size [# of strips]

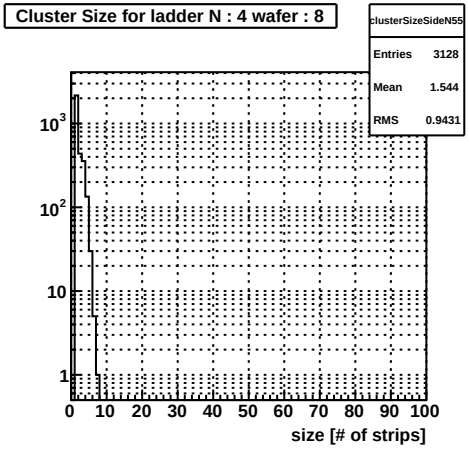

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 3549
Mean 1.149
RMS 0.5328
size [# of strips]

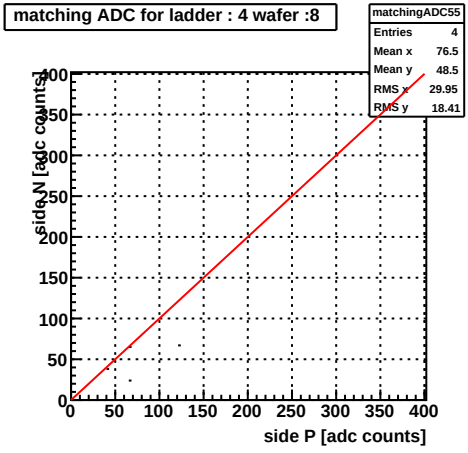

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 516
Mean x 44.6
Mean y 42.3
RMS x 47.03
RMS y 42.49
side N [adc counts]
side P [adc counts]

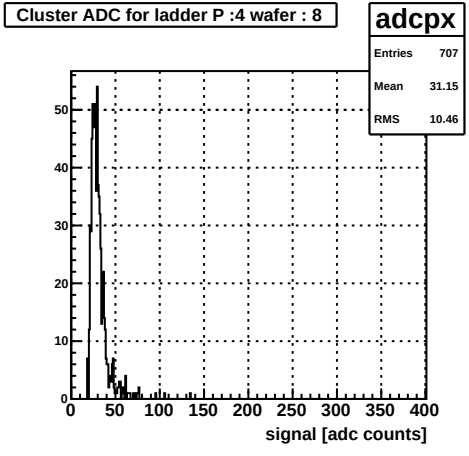

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 7910
Mean 27.4
RMS 18.98
signal [adc counts]

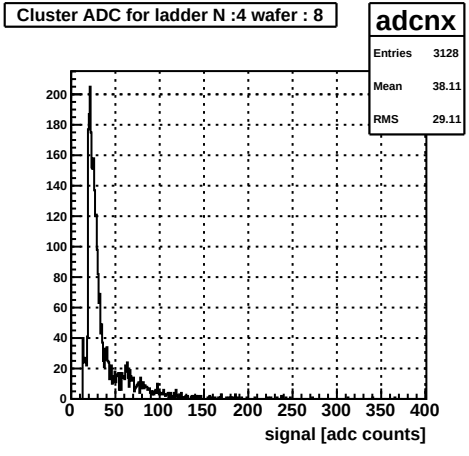

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 3549
Mean 27.17
RMS 29.81
signal [adc counts]

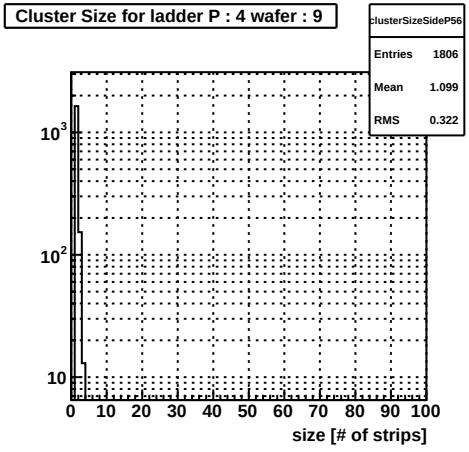

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 707
Mean 1.042
RMS 0.2216
size [# of strips]

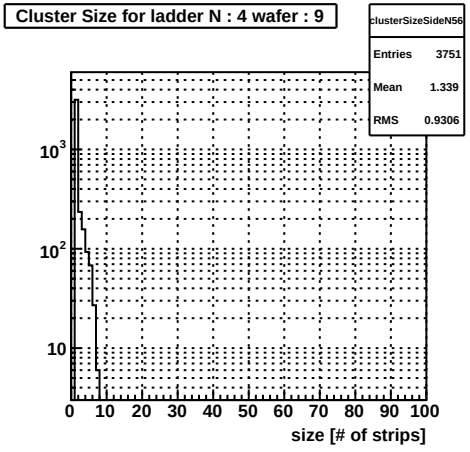

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 3128
Mean 1.544
RMS 0.9431
size [# of strips]

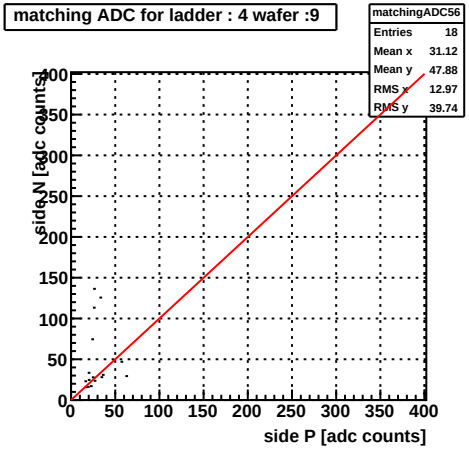

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 4
Mean x 76.5
Mean y 48.5
RMS x 29.95
RMS y 18.41
side N [adc counts]
side P [adc counts]

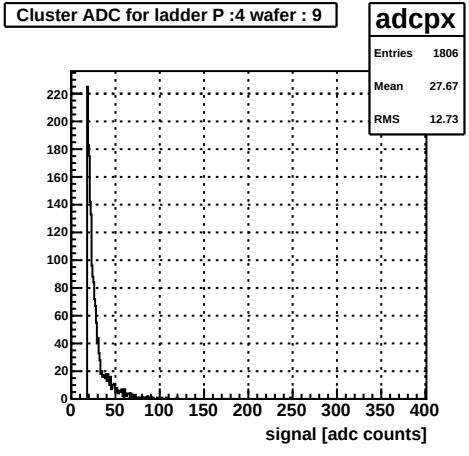

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 707
Mean 31.15
RMS 10.46
signal [adc counts]

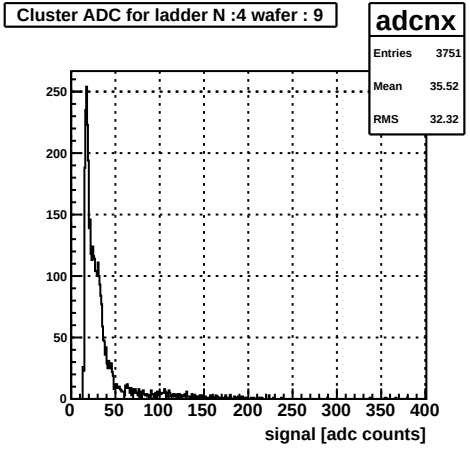

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 3128
Mean 38.11
RMS 29.11
signal [adc counts]

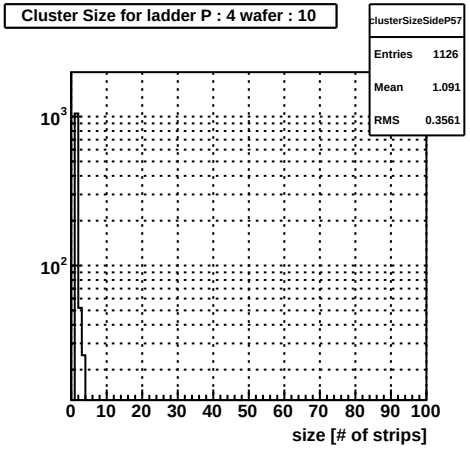

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1806
Mean 1.099
RMS 0.322
size [# of strips]

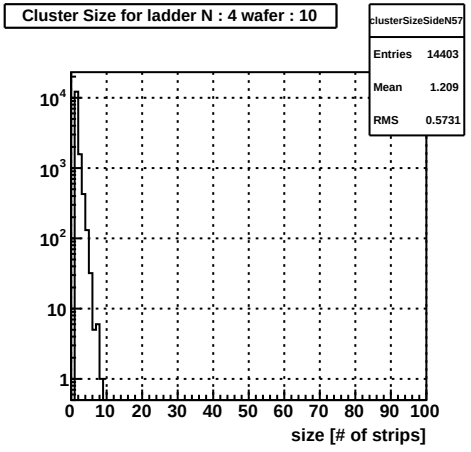

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 3751
Mean 1.339
RMS 0.9306
size [# of strips]

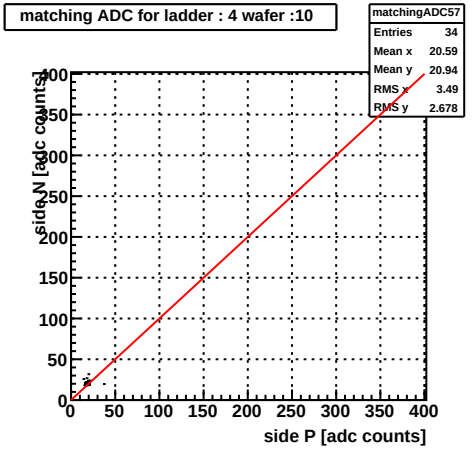

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 18
Mean x 31.12
Mean y 47.88
RMS x 12.97
RMS y 39.74
side N [adc counts]
side P [adc counts]

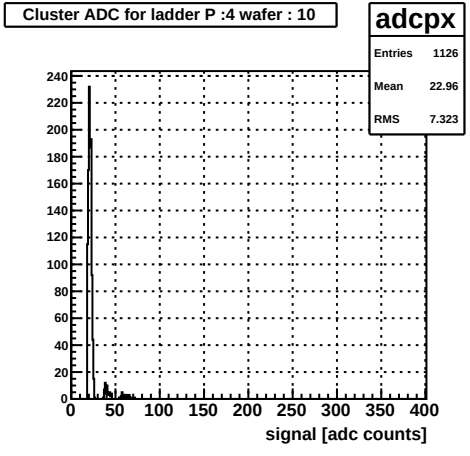

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1806
Mean 27.67
RMS 12.73
signal [adc counts]

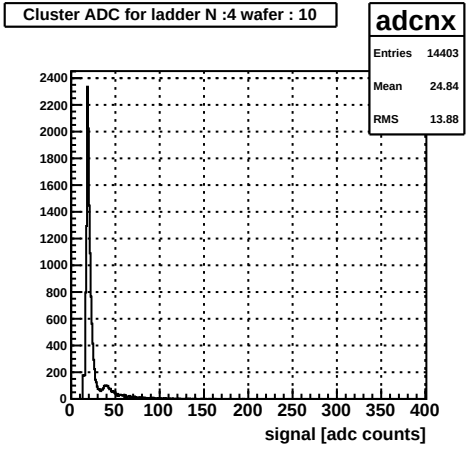

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 3751
Mean 35.52
RMS 32.32
signal [adc counts]

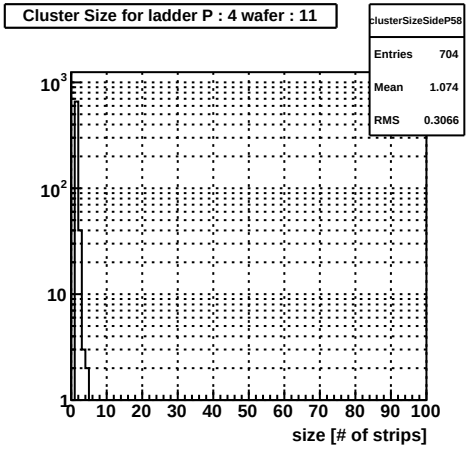

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 1126
Mean 1.091
RMS 0.3561
size [# of strips]

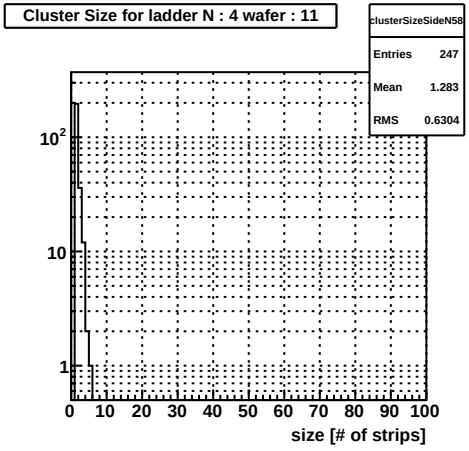

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 14403
Mean 1.209
RMS 0.5731
size [# of strips]

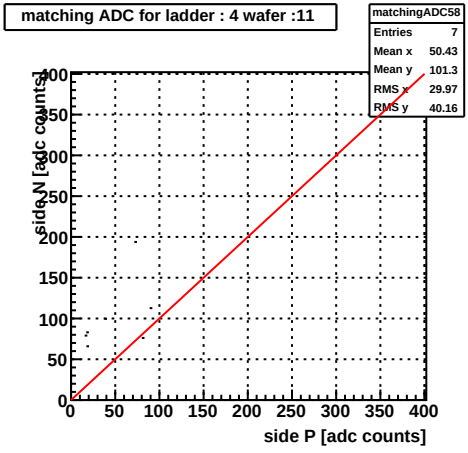

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 34
Mean x 20.59
Mean y 20.94
RMS x 3.49
RMS y 2.678
side N [adc counts]
side P [adc counts]

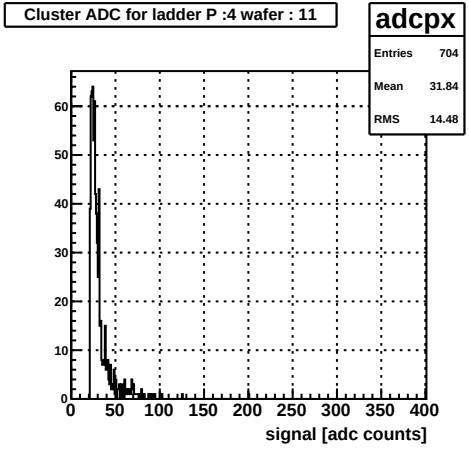

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 1126
Mean 22.96
RMS 7.323
signal [adc counts]

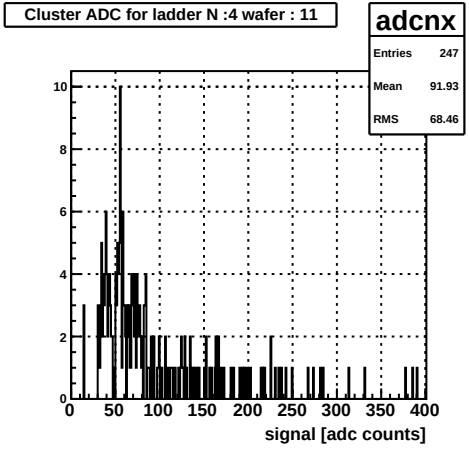

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 14403
Mean 24.84
RMS 13.88
signal [adc counts]

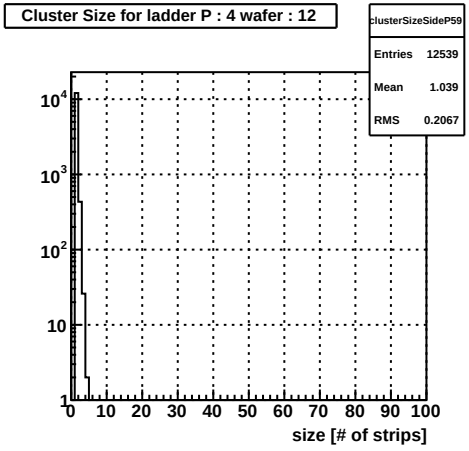

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 704
Mean 1.074
RMS 0.3066
size [# of strips]

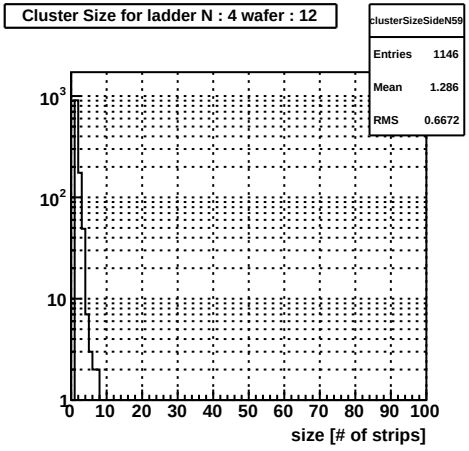

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 247
Mean 1.283
RMS 0.6304
size [# of strips]

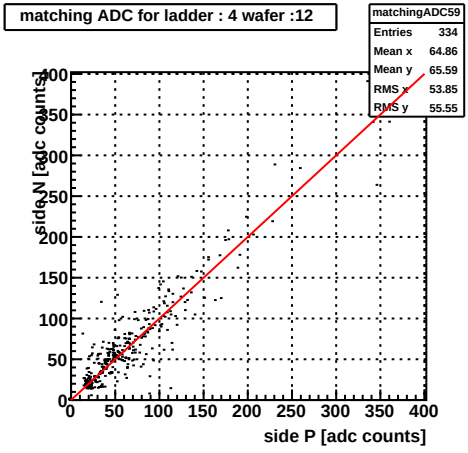

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 7
Mean x 50.43
Mean y 101.3
RMS x 29.97
RMS y 40.16
side N [adc counts]
side P [adc counts]

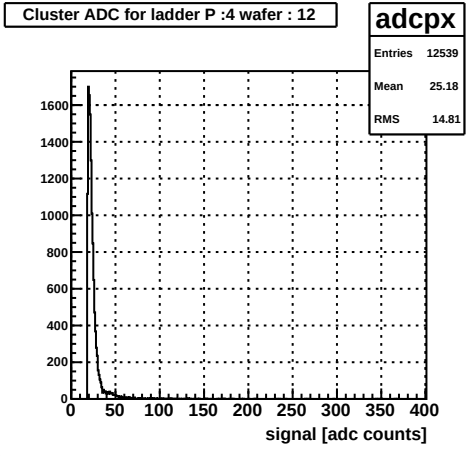

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 704
Mean 31.84
RMS 14.48
signal [adc counts]

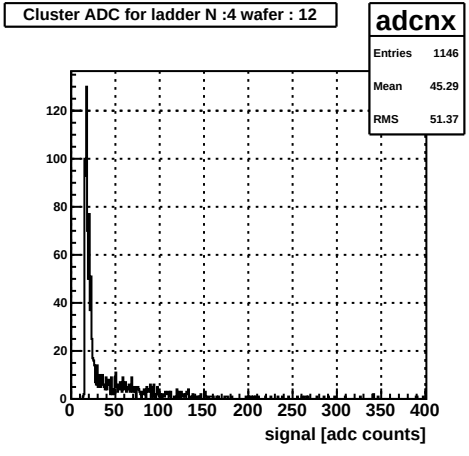

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 247
Mean 91.93
RMS 68.46
signal [adc counts]

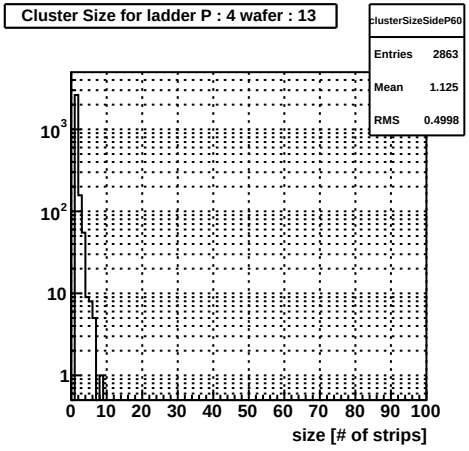

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 12539
Mean 1.039
RMS 0.2067
size [# of strips]

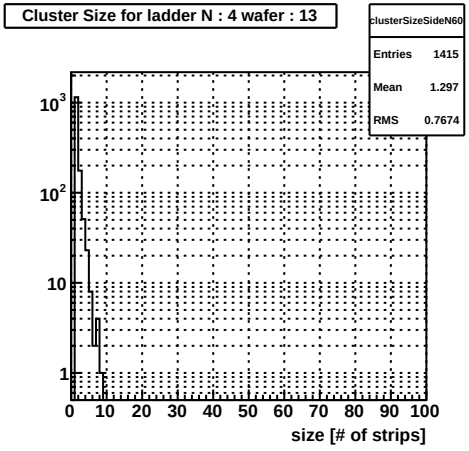

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 1146
Mean 1.286
RMS 0.6672
size [# of strips]

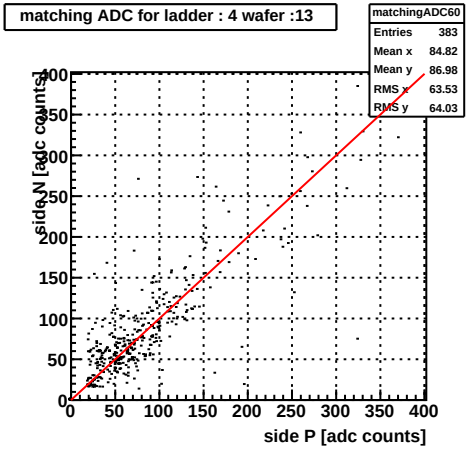

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 334
Mean x 64.86
Mean y 65.59
RMS x 53.85
RMS y 55.55
side N [adc counts]
side P [adc counts]

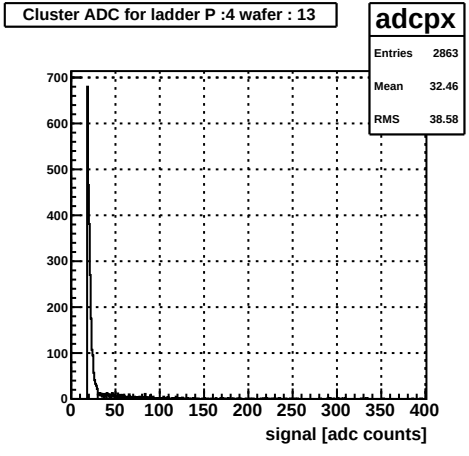

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 12539
Mean 25.18
RMS 14.81
signal [adc counts]

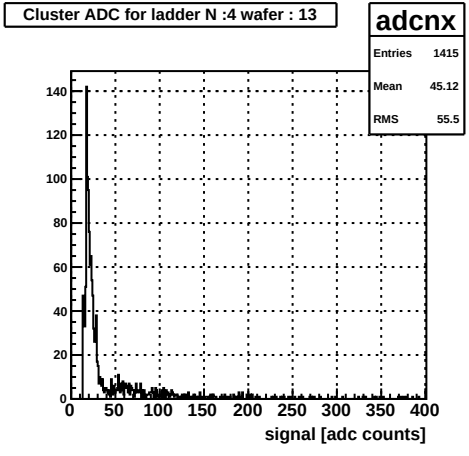

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 1146
Mean 45.29
RMS 51.37
signal [adc counts]

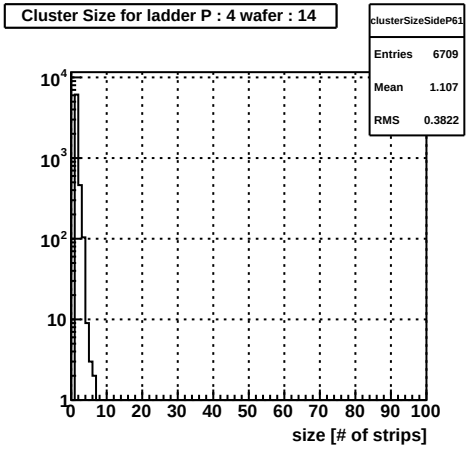

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 2863
Mean 1.125
RMS 0.4998
size [# of strips]

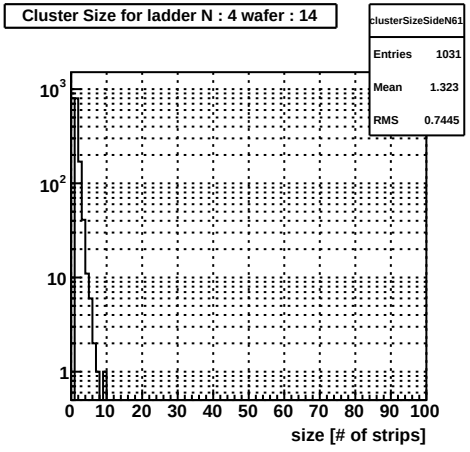

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 1415
Mean 1.297
RMS 0.7674
size [# of strips]

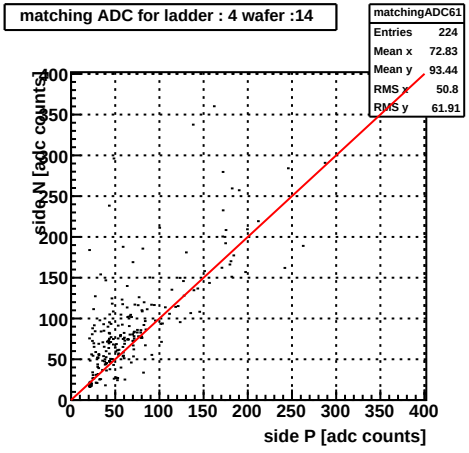

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 383
Mean x 84.82
Mean y 86.98
RMS x 63.53
RMS y 64.03
side N [adc counts]
side P [adc counts]

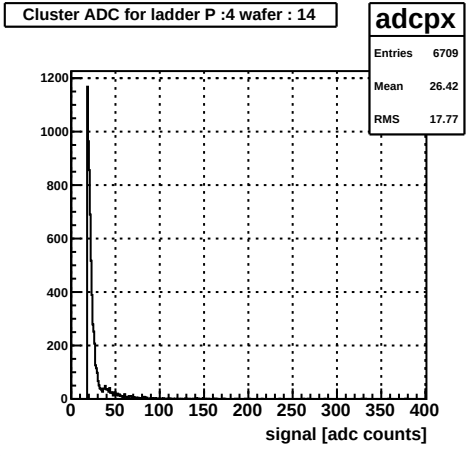

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 2863
Mean 32.46
RMS 38.58
signal [adc counts]

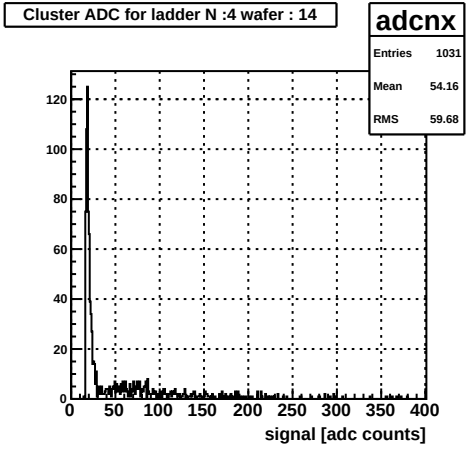

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 1415
Mean 45.12
RMS 55.5
signal [adc counts]

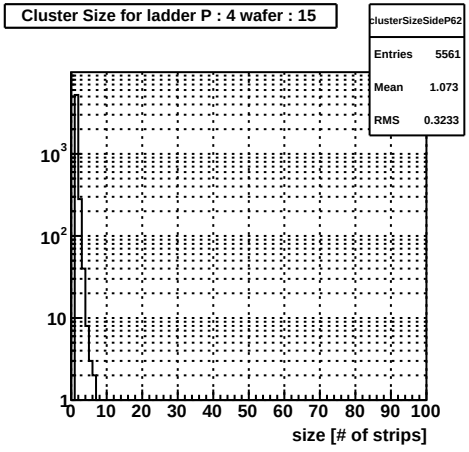

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 6709
Mean 1.107
RMS 0.3822
size [# of strips]

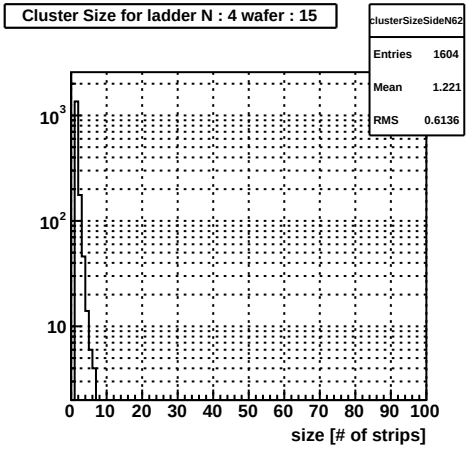

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 1031
Mean 1.323
RMS 0.7445
size [# of strips]

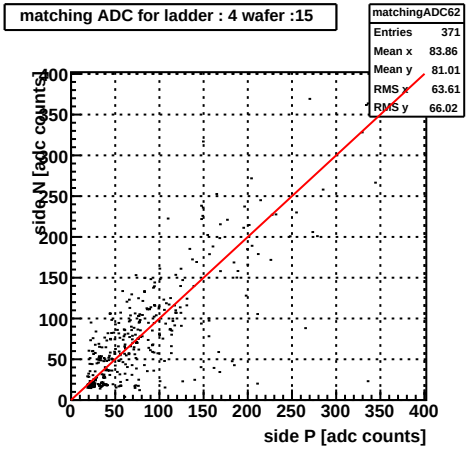

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 224
Mean x 72.83
Mean y 93.44
RMS x 50.8
RMS y 61.91
side N [adc counts]
side P [adc counts]

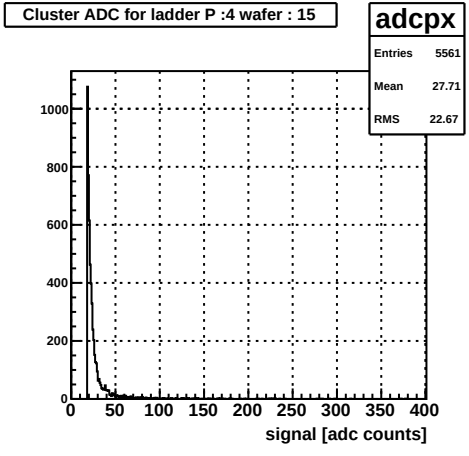

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 6709
Mean 26.42
RMS 17.77
signal [adc counts]

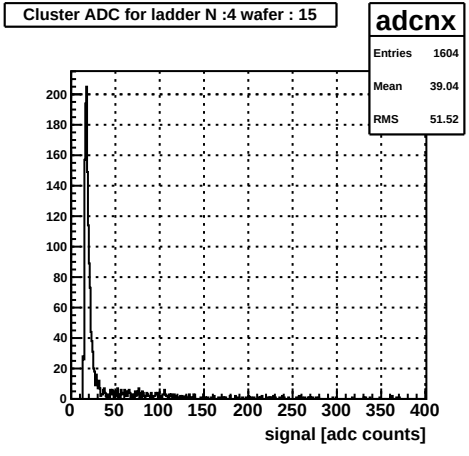

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 1031
Mean 54.16
RMS 59.68
signal [adc counts]

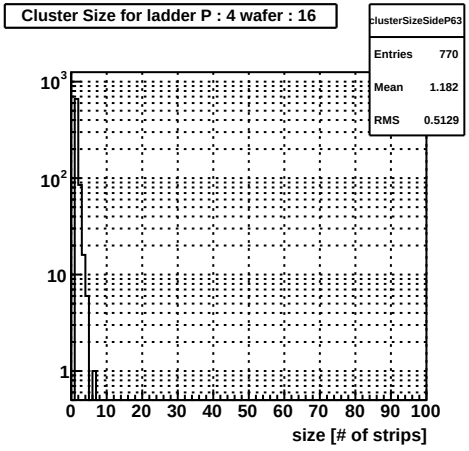

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 5561
Mean 1.073
RMS 0.3233
size [# of strips]

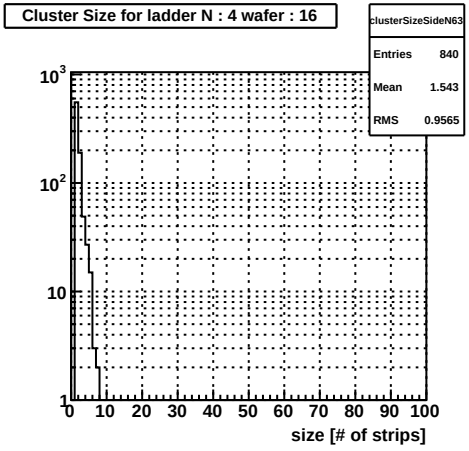

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 1604
Mean 1.221
RMS 0.6136
size [# of strips]

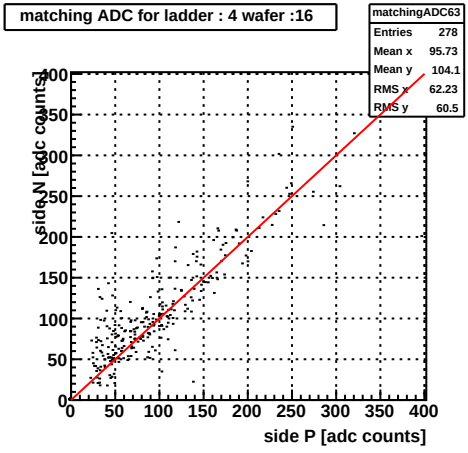

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 371
Mean x 83.86
Mean y 81.01
RMS x 63.61
RMS y 66.02
side N [adc counts]
side P [adc counts]

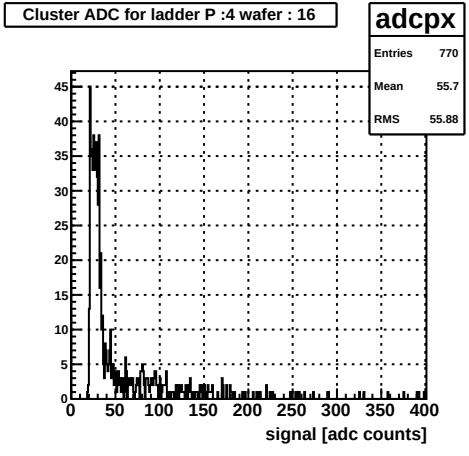

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 5561
Mean 27.71
RMS 22.67
signal [adc counts]

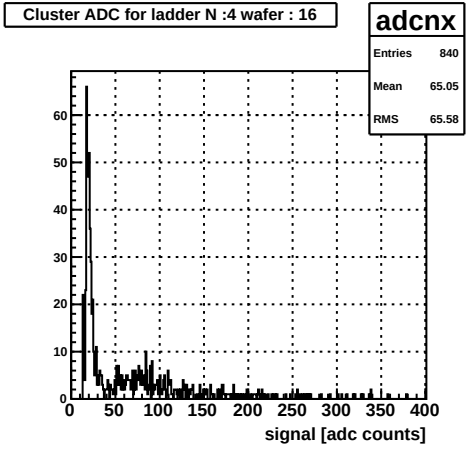

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 1604
Mean 39.04
RMS 51.52
signal [adc counts]

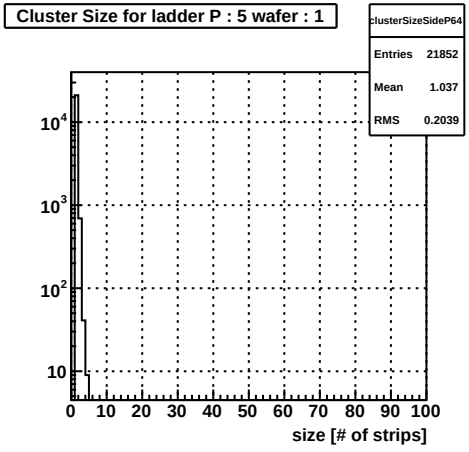

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 770
Mean 1.182
RMS 0.5129
size [# of strips]

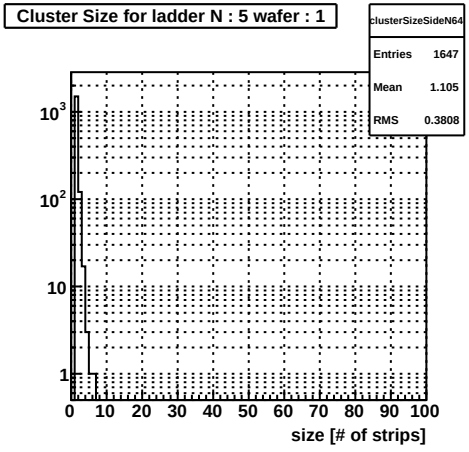

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 840
Mean 1.543
RMS 0.9565
size [# of strips]

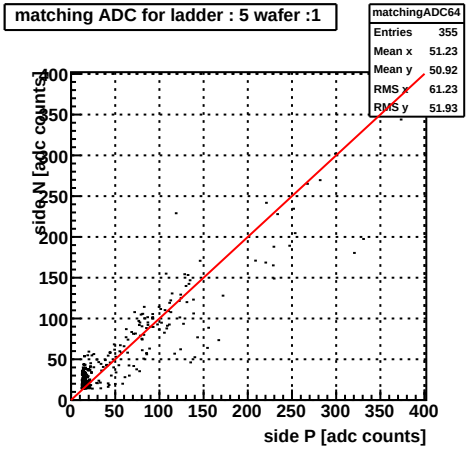

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 278
Mean x 95.73
Mean y 104.1
RMS x 62.23
RMS y 60.5
side N [adc counts]
side P [adc counts]

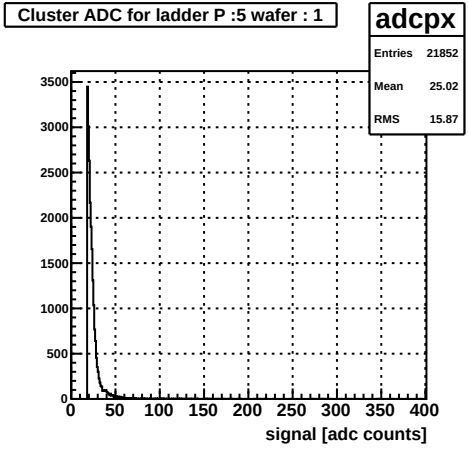

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 770
Mean 55.7
RMS 55.88
signal [adc counts]

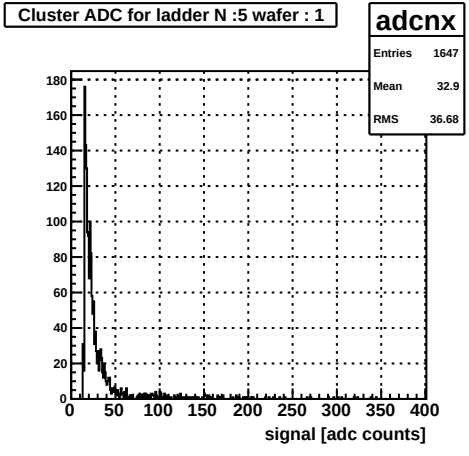

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 840
Mean 65.05
RMS 65.58
signal [adc counts]

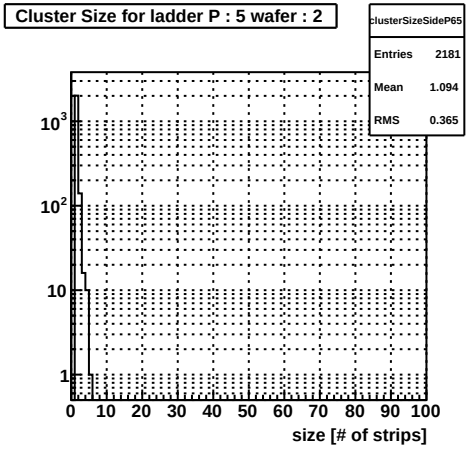

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 21852
Mean 1.037
RMS 0.2039
size [# of strips]

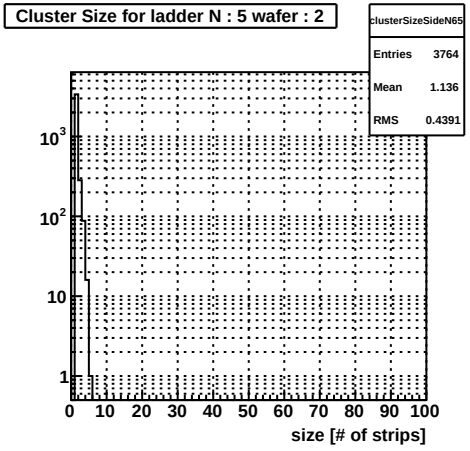

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 1647
Mean 1.105
RMS 0.3808
size [# of strips]

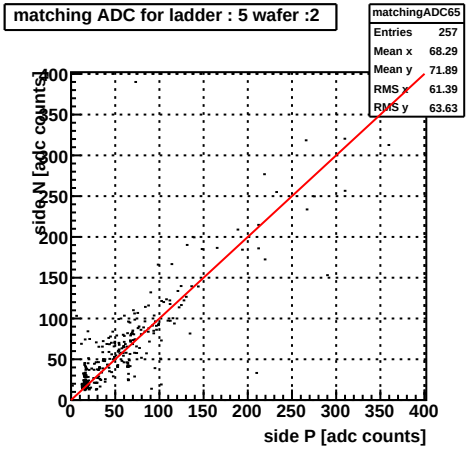

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 355
Mean x 51.23
Mean y 50.92
RMS x 61.23
RMS y 51.93
side N [adc counts]
side P [adc counts]

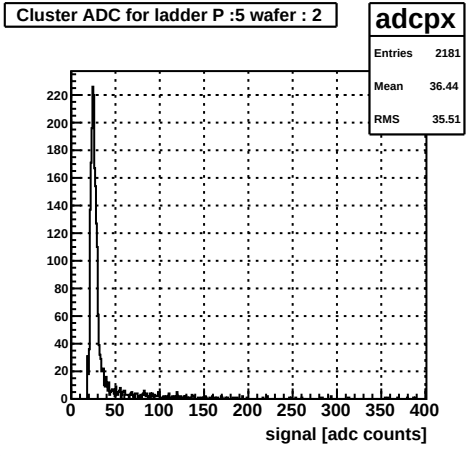

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 21852
Mean 25.02
RMS 15.87
signal [adc counts]

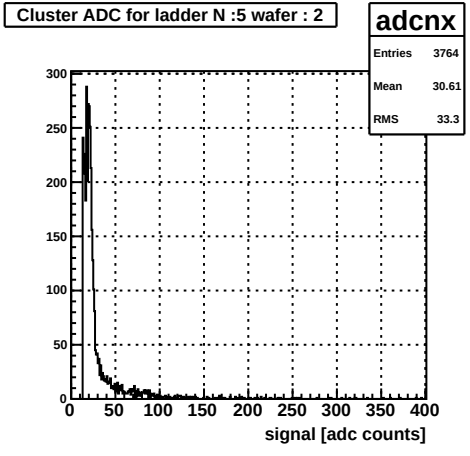

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 1647
Mean 32.9
RMS 36.68
signal [adc counts]

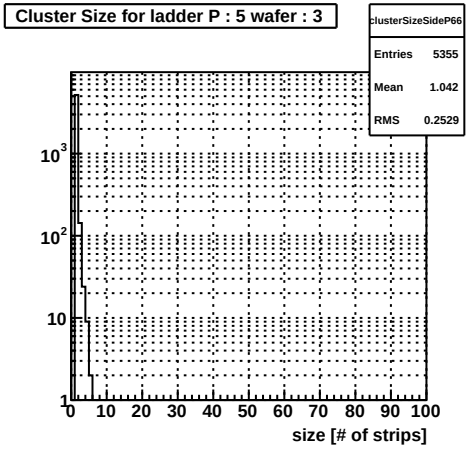

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 2181
Mean 1.094
RMS 0.365
size [# of strips]

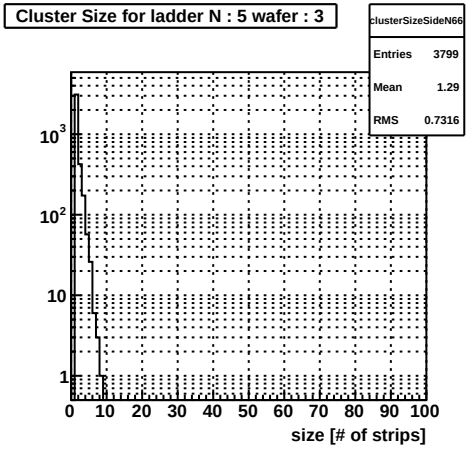

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 3764
Mean 1.136
RMS 0.4391
size [# of strips]

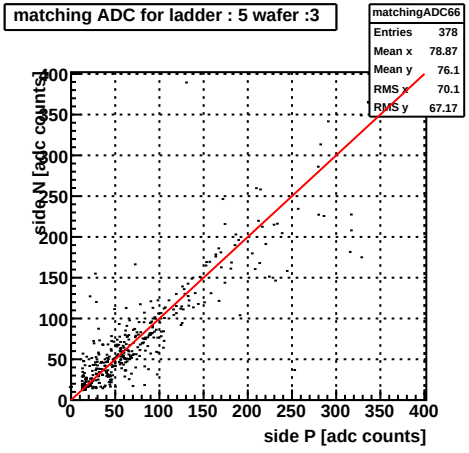

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 257
Mean x 68.29
Mean y 71.89
RMS x 61.39
RMS y 63.63
side N [adc counts]
side P [adc counts]

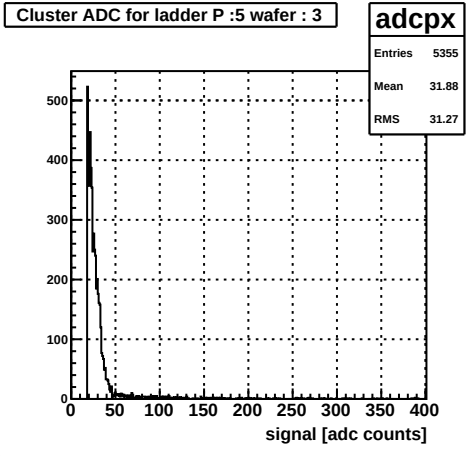

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 2181
Mean 36.44
RMS 35.51
signal [adc counts]

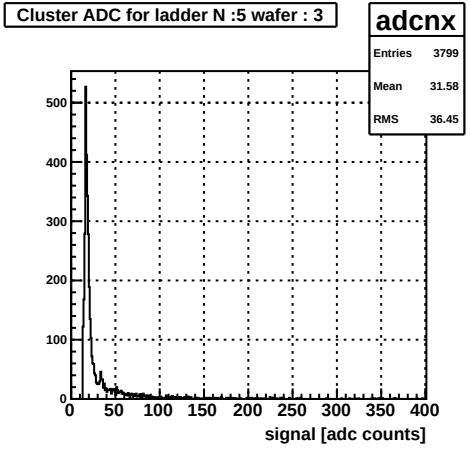

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 3764
Mean 30.61
RMS 33.3
signal [adc counts]

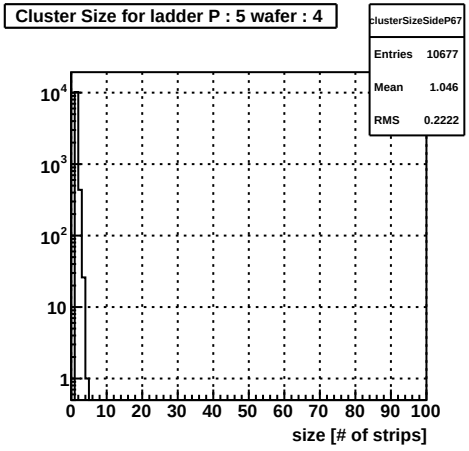

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 5355
Mean 1.042
RMS 0.2529
size [# of strips]

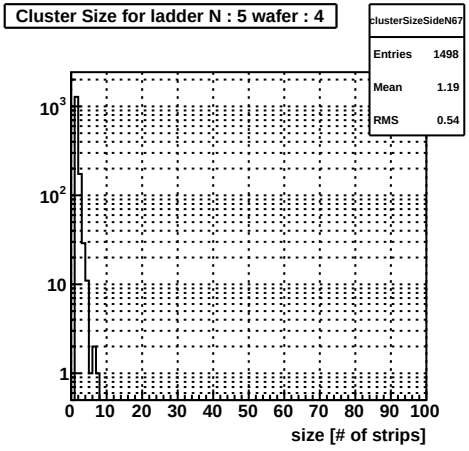

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 3799
Mean 1.29
RMS 0.7316
size [# of strips]

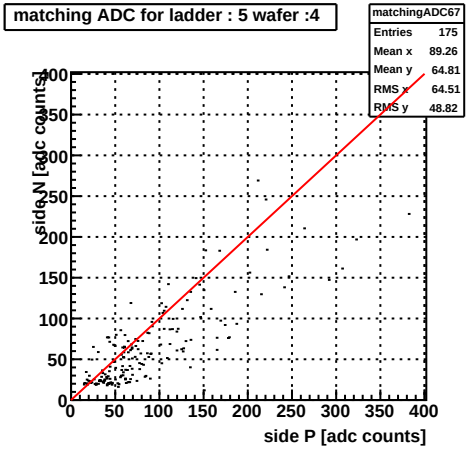

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 378
Mean x 78.87
Mean y 76.1
RMS x 70.1
RMS y 67.17
side N [adc counts]
side P [adc counts]

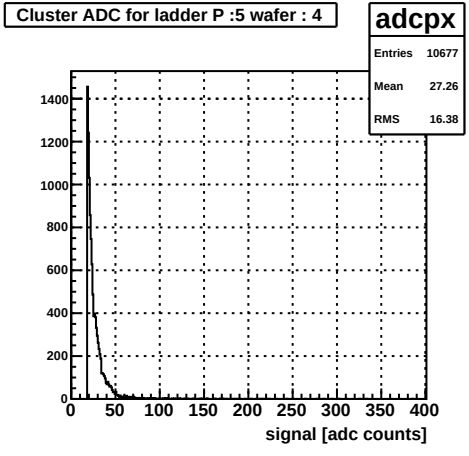

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 5355
Mean 31.88
RMS 31.27
signal [adc counts]

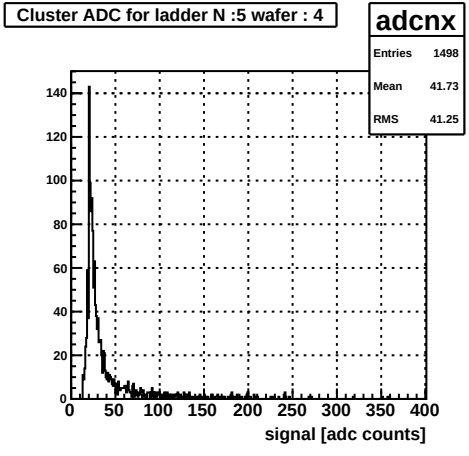

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 3799
Mean 31.58
RMS 36.45
signal [adc counts]

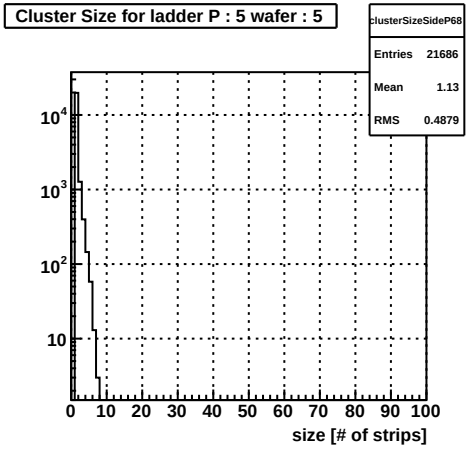

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 10677
Mean 1.046
RMS 0.2222
size [# of strips]

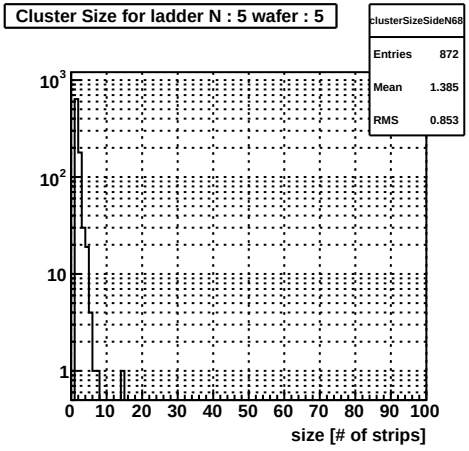

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 1498
Mean 1.19
RMS 0.54
size [# of strips]

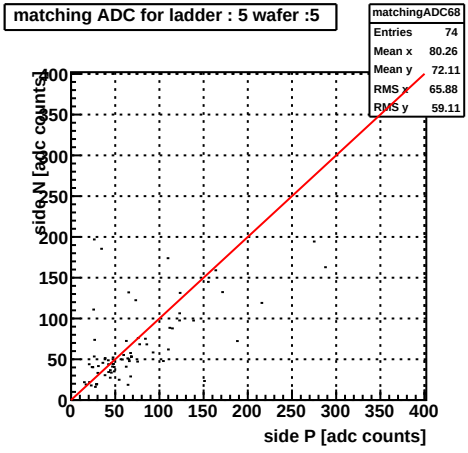

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 175
Mean x 89.26
Mean y 64.81
RMS x 64.51
RMS y 48.82
side N [adc counts]
side P [adc counts]

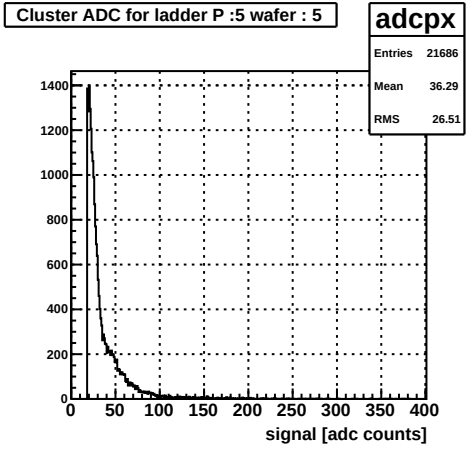

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 10677
Mean 27.26
RMS 16.38
signal [adc counts]

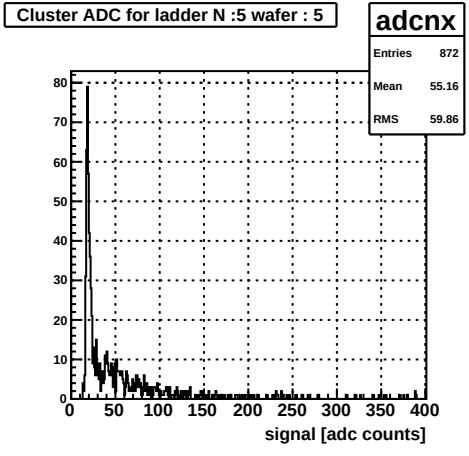

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 1498
Mean 41.73
RMS 41.25
signal [adc counts]

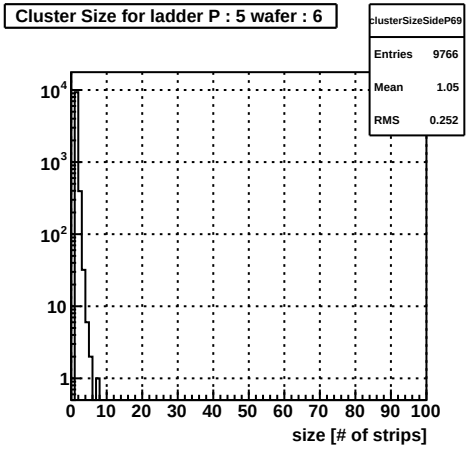

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 21686
Mean 1.13
RMS 0.4879
size [# of strips]

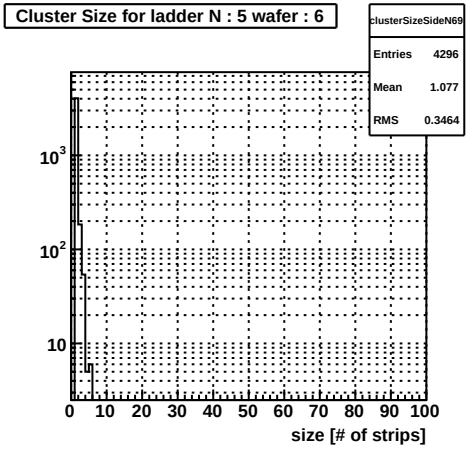

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 872
Mean 1.385
RMS 0.853
size [# of strips]

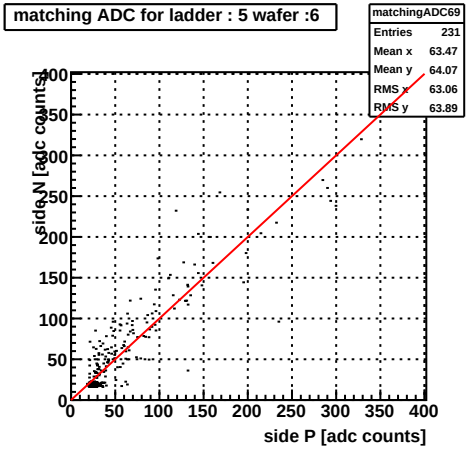

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 74
Mean x 80.26
Mean y 72.11
RMS x 65.88
RMS y 59.11
side N [adc counts]
side P [adc counts]

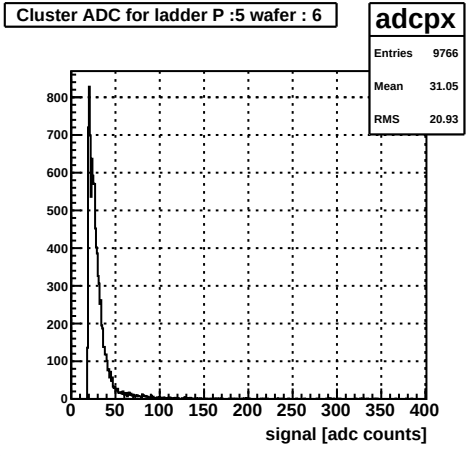

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 21686
Mean 36.29
RMS 26.51
signal [adc counts]

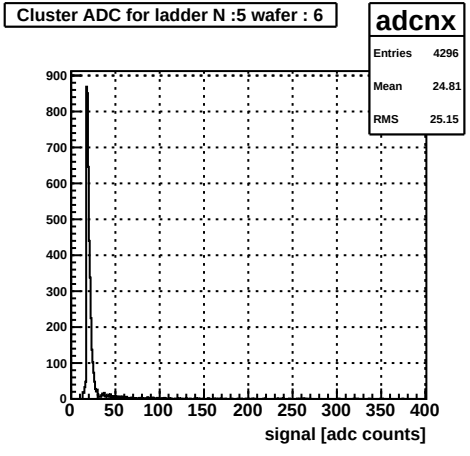

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 872
Mean 55.16
RMS 59.86
signal [adc counts]

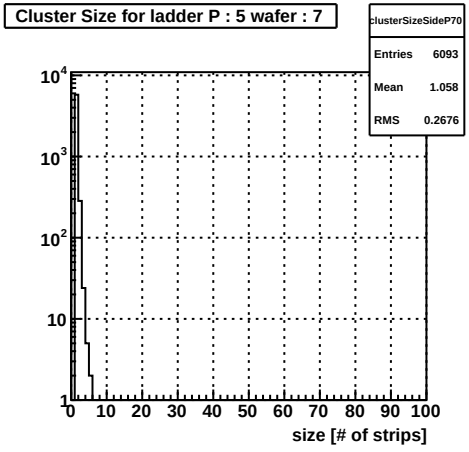

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 9766
Mean 1.05
RMS 0.252
size [# of strips]

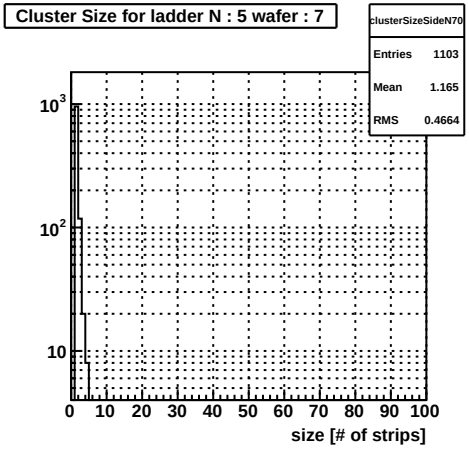

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 4296
Mean 1.077
RMS 0.3464
size [# of strips]

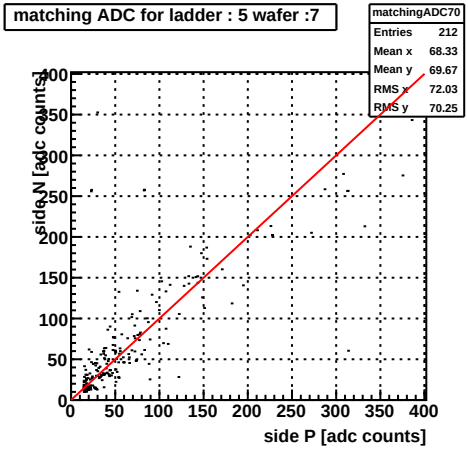

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 231
Mean x 63.47
Mean y 64.07
RMS x 63.06
RMS y 63.89
side N [adc counts]
side P [adc counts]

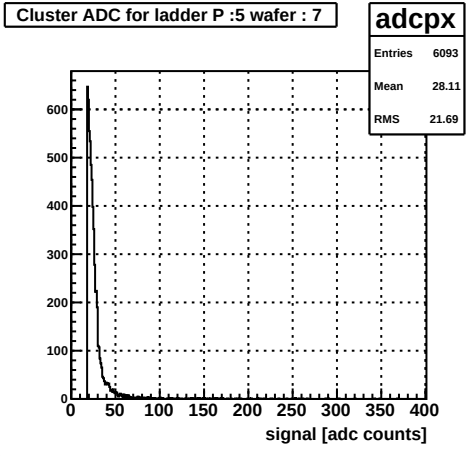

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 9766
Mean 31.05
RMS 20.93
signal [adc counts]

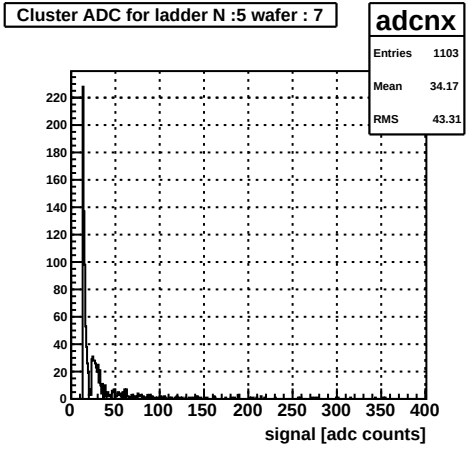

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 4296
Mean 24.81
RMS 25.15
signal [adc counts]

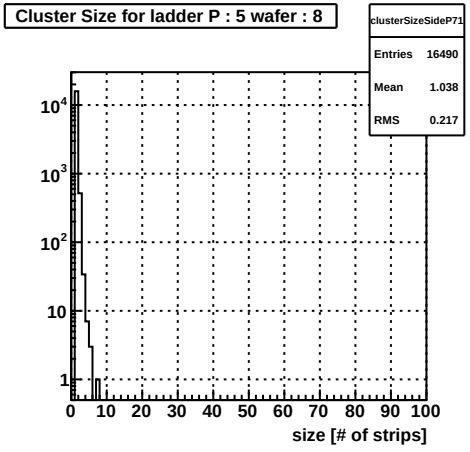

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 6093
Mean 1.058
RMS 0.2676
size [# of strips]

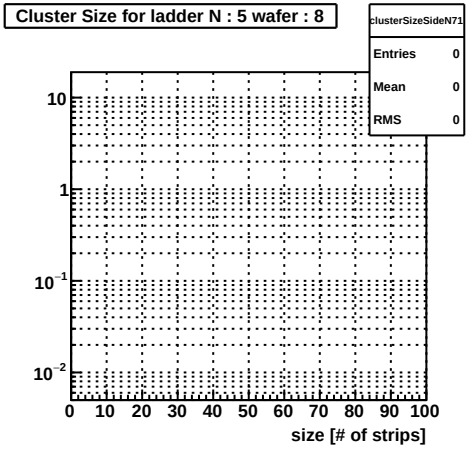

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1103
Mean 1.165
RMS 0.4664
size [# of strips]

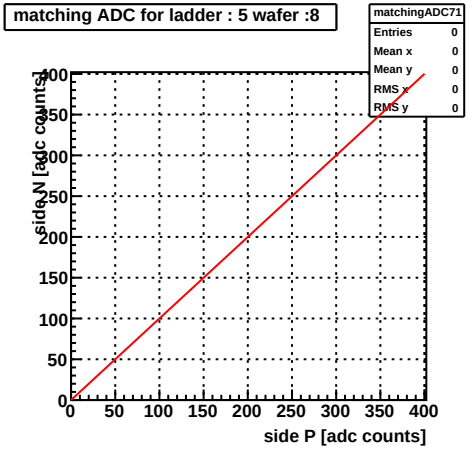

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 212
Mean x 68.33
Mean y 69.67
RMS x 72.03
RMS y 70.25
side N [adc counts]
side P [adc counts]

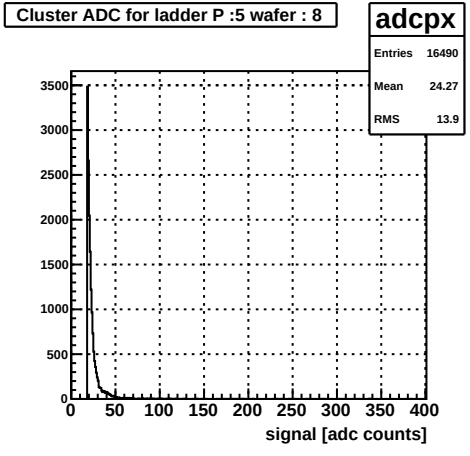

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 6093
Mean 28.11
RMS 21.69
signal [adc counts]

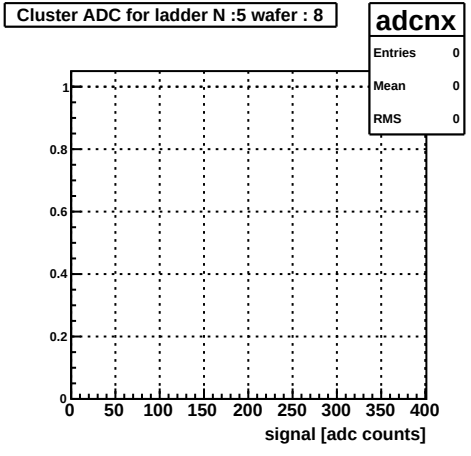

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1103
Mean 34.17
RMS 43.31
signal [adc counts]

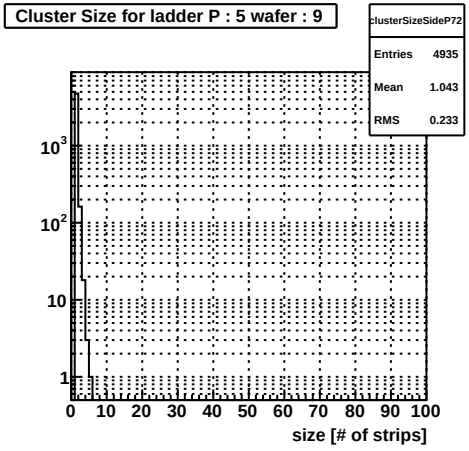

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 16490
Mean 1.038
RMS 0.217
size [# of strips]

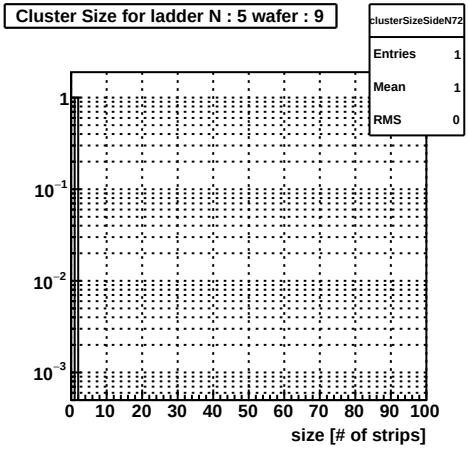

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

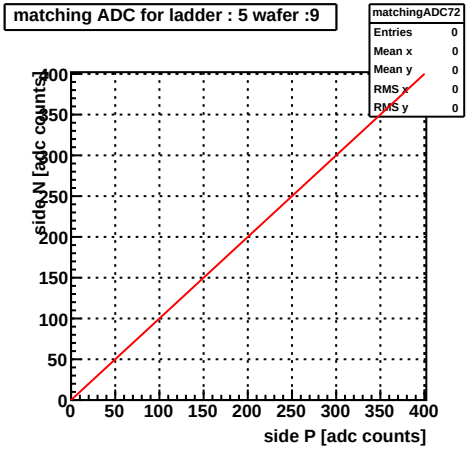

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

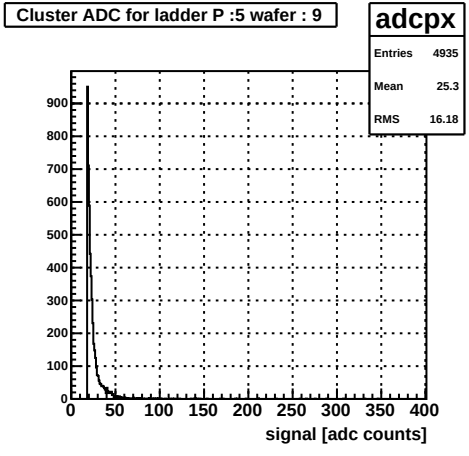

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 16490
Mean 24.27
RMS 13.9
signal [adc counts]

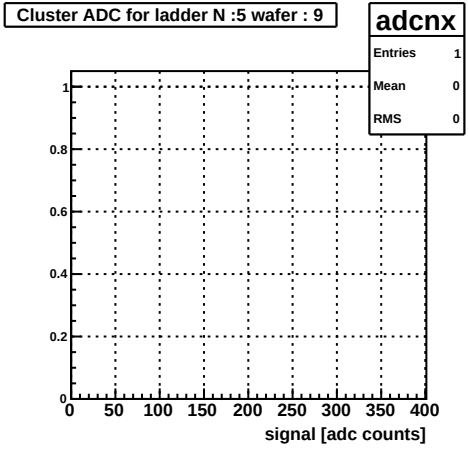

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

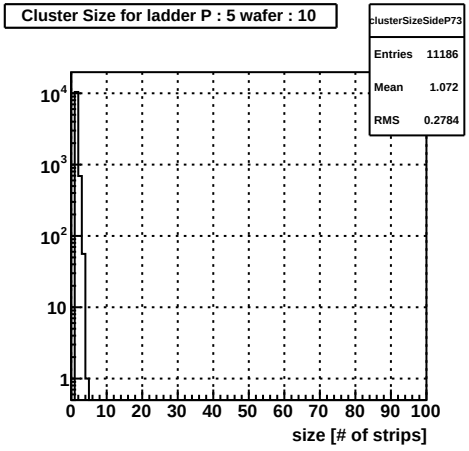

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 4935
Mean 1.043
RMS 0.233
size [# of strips]

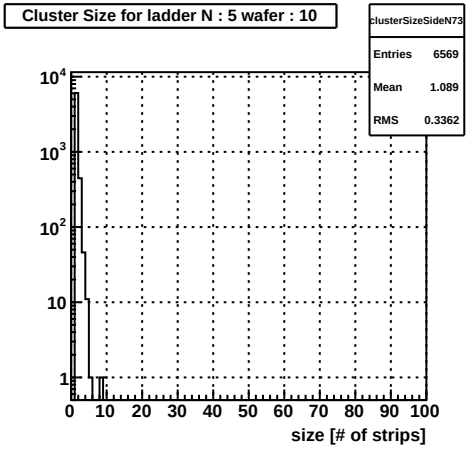

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 1
Mean 1
RMS 0
size [# of strips]

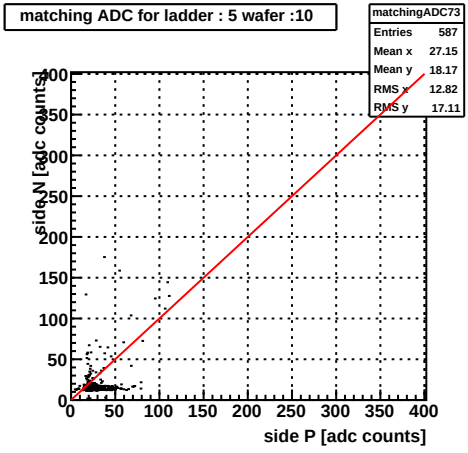

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

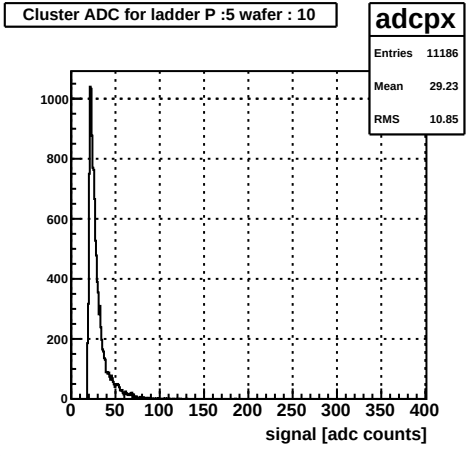

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 4935
Mean 25.3
RMS 16.18
signal [adc counts]

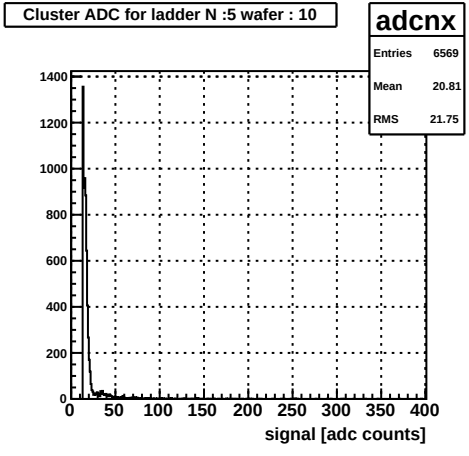

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

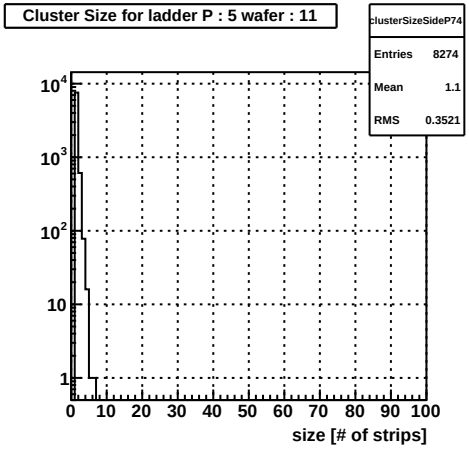

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 11186
Mean 1.072
RMS 0.2784
size [# of strips]

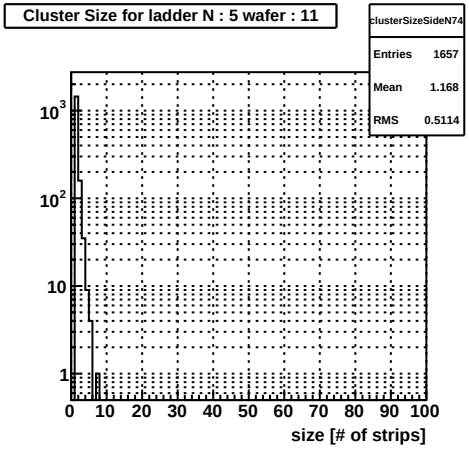

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 6569
Mean 1.089
RMS 0.3362
size [# of strips]

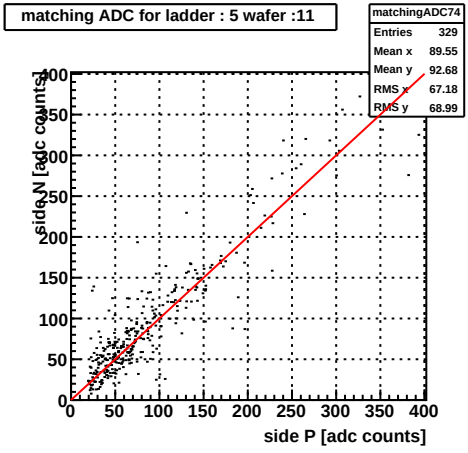

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 587
Mean x 27.15
Mean y 18.17
RMS x 12.82
RMS y 17.11
side N [adc counts]
side P [adc counts]

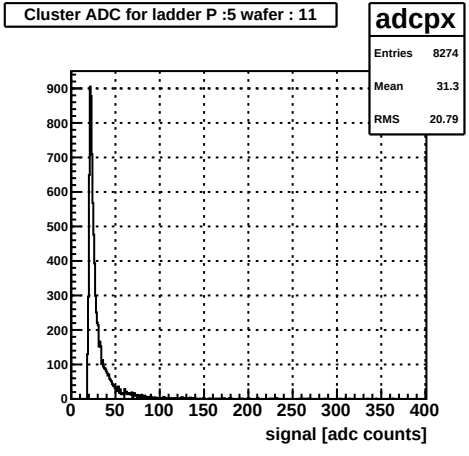

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 11186
Mean 29.23
RMS 10.85
signal [adc counts]

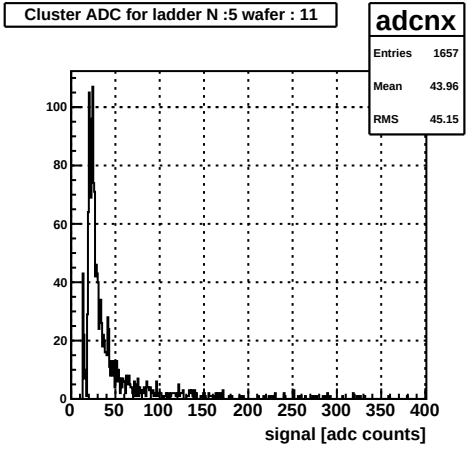

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 6569
Mean 20.81
RMS 21.75
signal [adc counts]

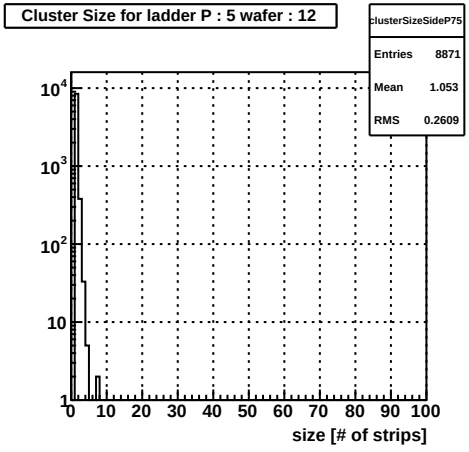

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 8274
Mean 1.1
RMS 0.3521
size [# of strips]

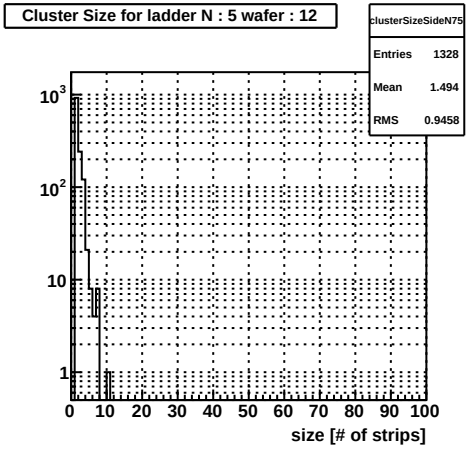

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 1657
Mean 1.168
RMS 0.5114
size [# of strips]

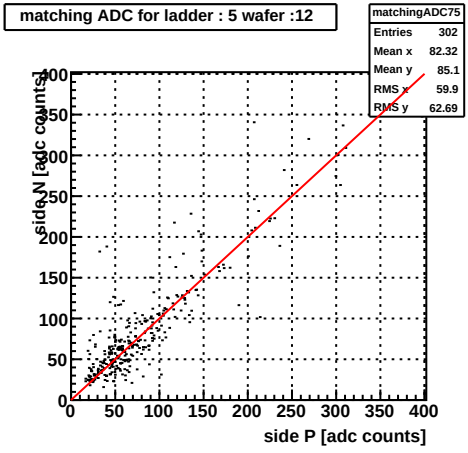

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 329
Mean x 89.55
Mean y 92.68
RMS x 67.18
RMS y 68.99
side N [adc counts]
side P [adc counts]

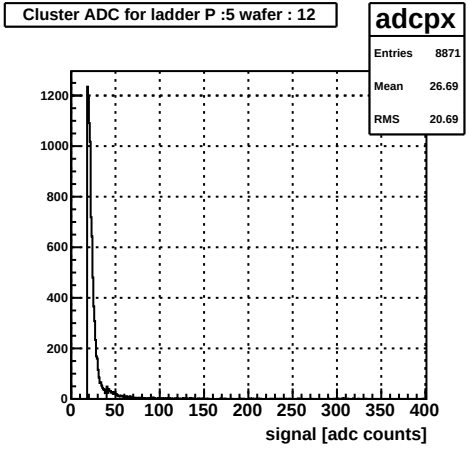

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 8274
Mean 31.3
RMS 20.79
signal [adc counts]

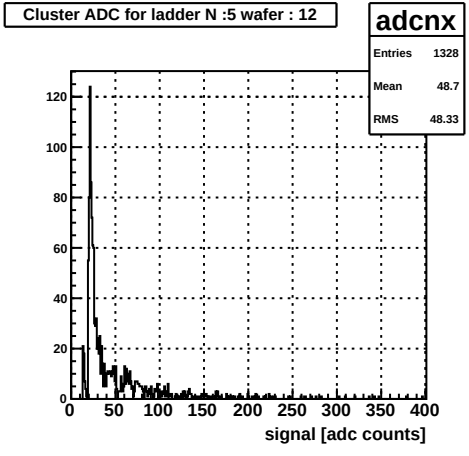

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 1657
Mean 43.96
RMS 45.15
signal [adc counts]

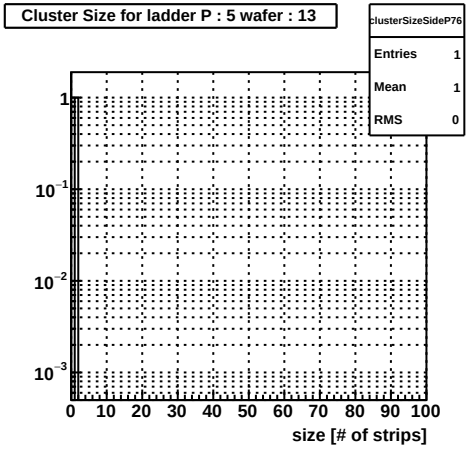

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 8871
Mean 1.053
RMS 0.2609
size [# of strips]

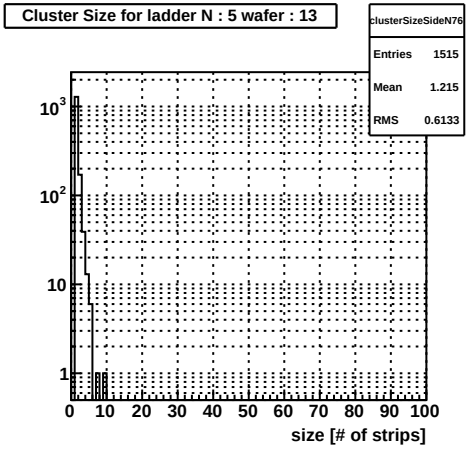

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 1328
Mean 1.494
RMS 0.9458
size [# of strips]

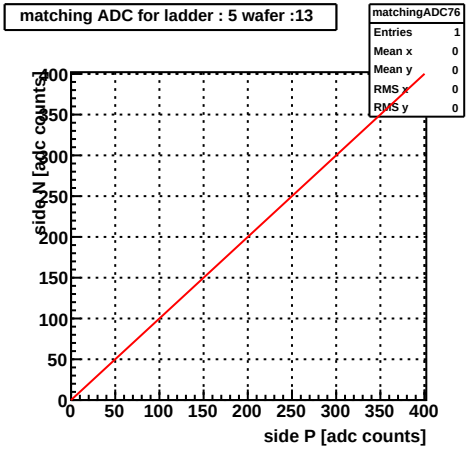

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 302
Mean x 82.32
Mean y 85.1
RMS x 59.9
RMS y 62.69
side N [adc counts]
side P [adc counts]

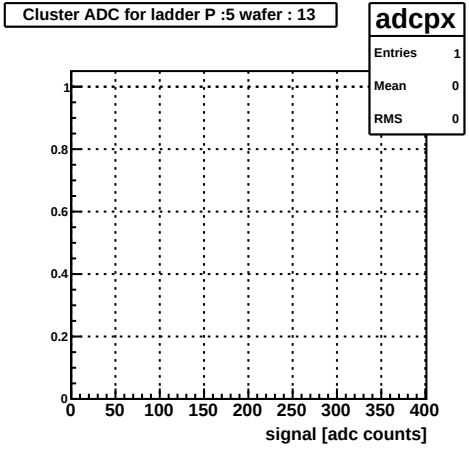

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 8871
Mean 26.69
RMS 20.69
signal [adc counts]

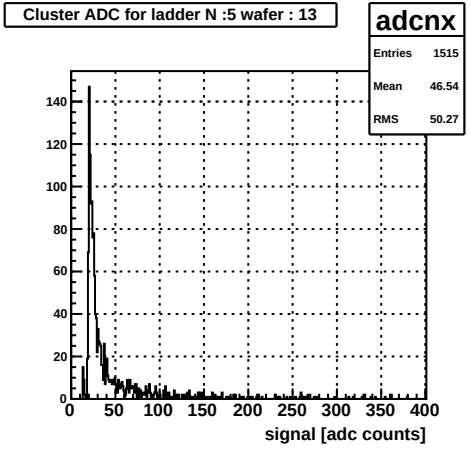

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 1328
Mean 48.7
RMS 48.33
signal [adc counts]

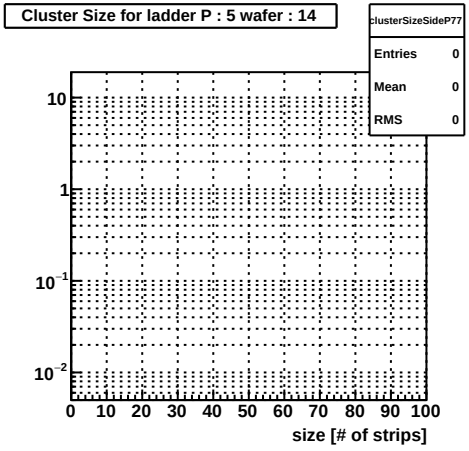

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 1
Mean 1
RMS 0
size [# of strips]

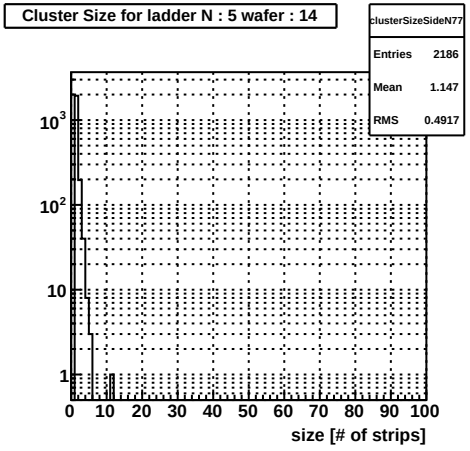

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 1515
Mean 1.215
RMS 0.6133
size [# of strips]

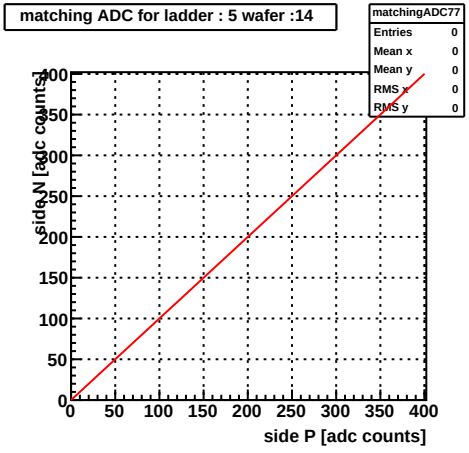

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

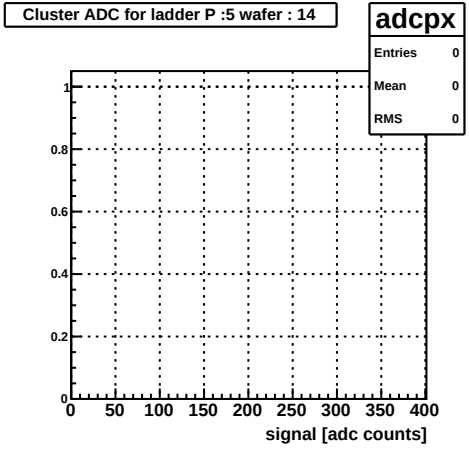

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

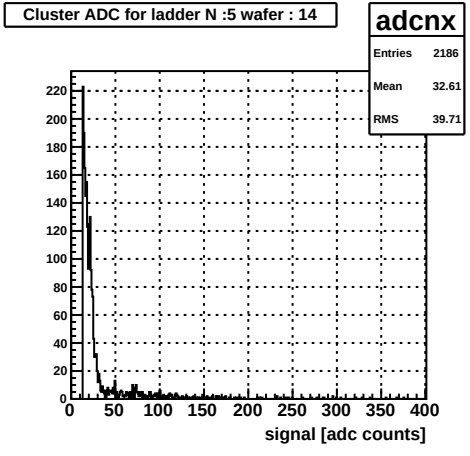

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 1515
Mean 46.54
RMS 50.27
signal [adc counts]

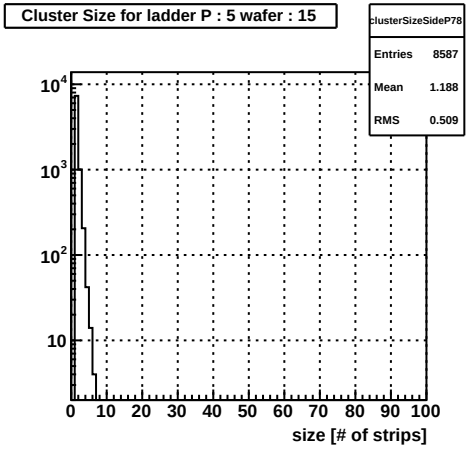

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

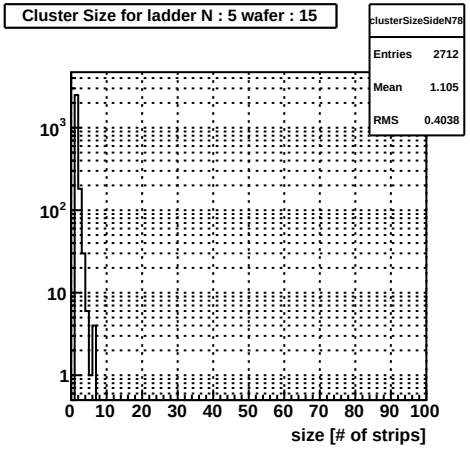

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 2186
Mean 1.147
RMS 0.4917
size [# of strips]

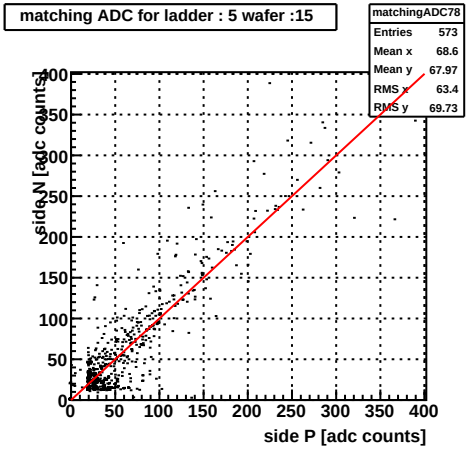

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

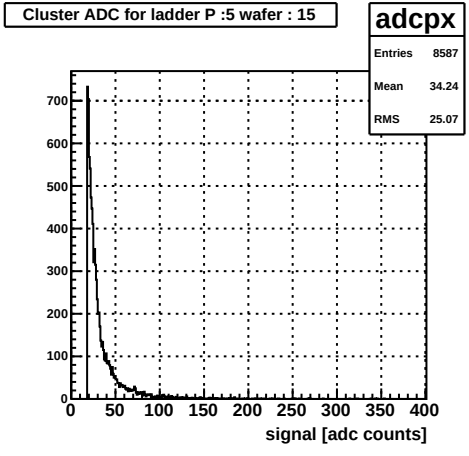

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

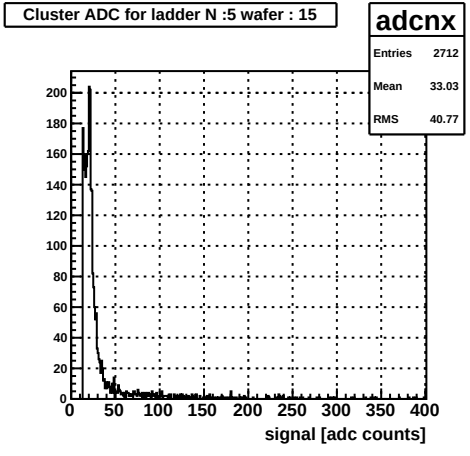

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 2186
Mean 32.61
RMS 39.71
signal [adc counts]

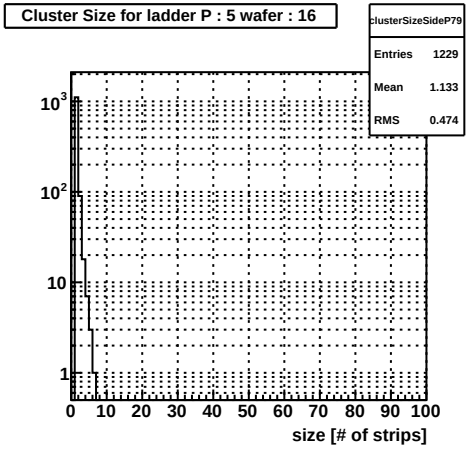

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 8587
Mean 1.188
RMS 0.509
size [# of strips]

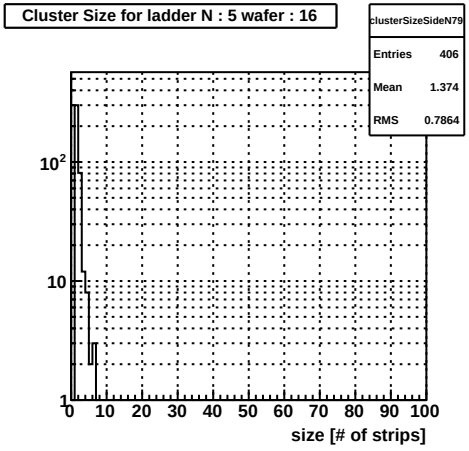

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 2712
Mean 1.105
RMS 0.4038
size [# of strips]

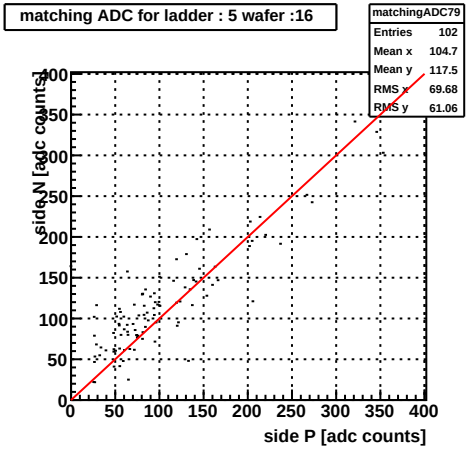

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 573
Mean x 68.6
Mean y 67.97
RMS x 63.4
RMS y 69.73
side N [adc counts]
side P [adc counts]

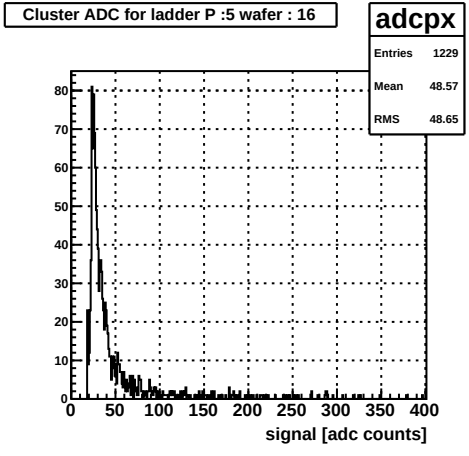

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 8587
Mean 34.24
RMS 25.07
signal [adc counts]

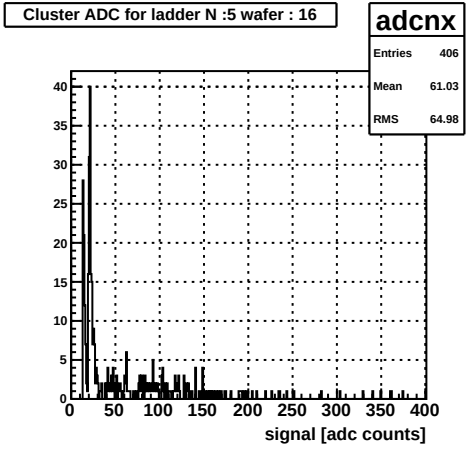

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 2712
Mean 33.03
RMS 40.77
signal [adc counts]

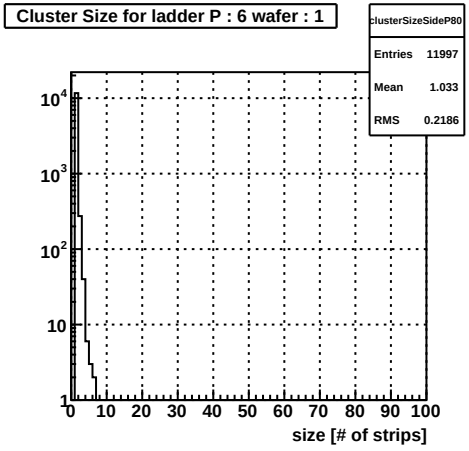

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 1229
Mean 1.133
RMS 0.474
size [# of strips]

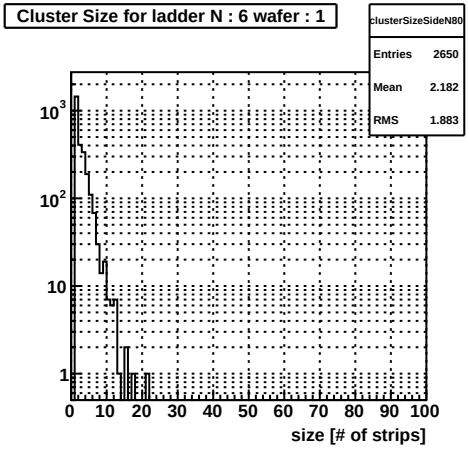

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 406
Mean 1.374
RMS 0.7864
size [# of strips]

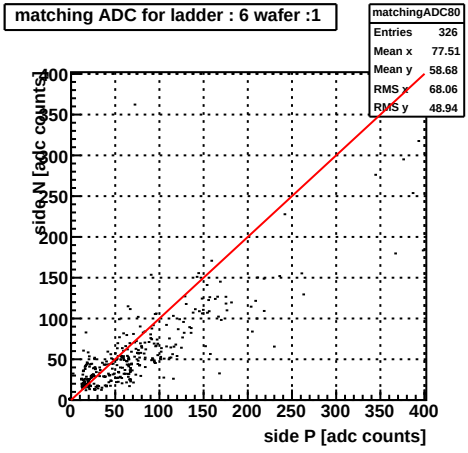

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 102
Mean x 104.7
Mean y 117.5
RMS x 69.68
RMS y 61.06
side N [adc counts]
side P [adc counts]

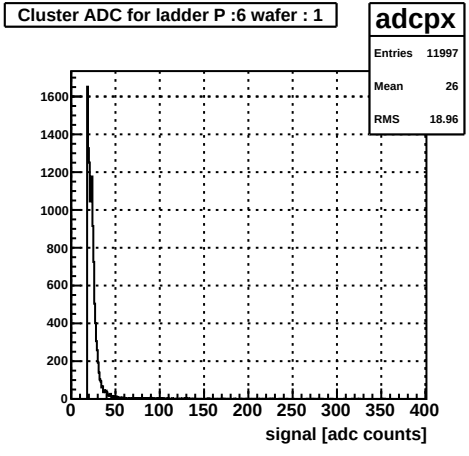

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 1229
Mean 48.57
RMS 48.65
signal [adc counts]

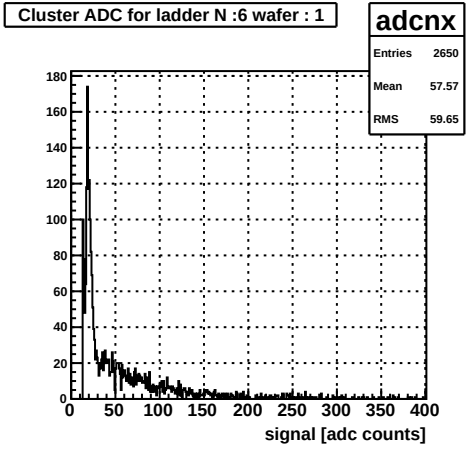

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 406
Mean 61.03
RMS 64.98
signal [adc counts]

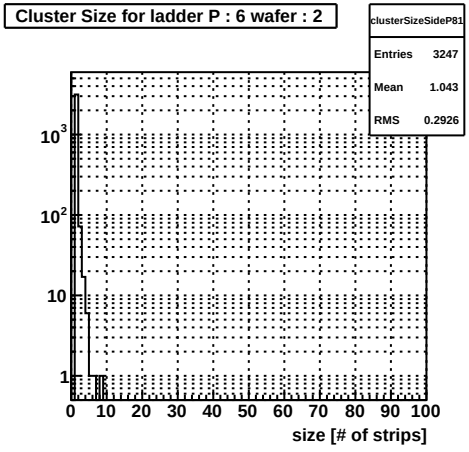

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 11997
Mean 1.033
RMS 0.2186
size [# of strips]

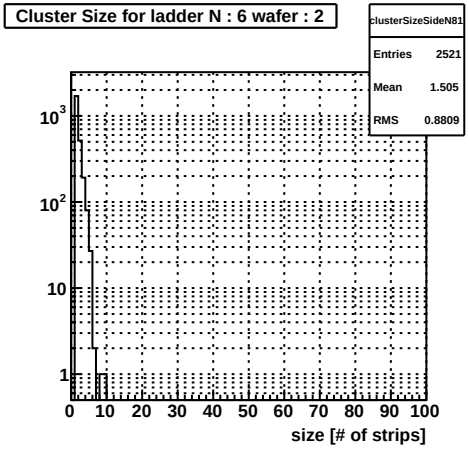

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 2650
Mean 2.182
RMS 1.883
size [# of strips]

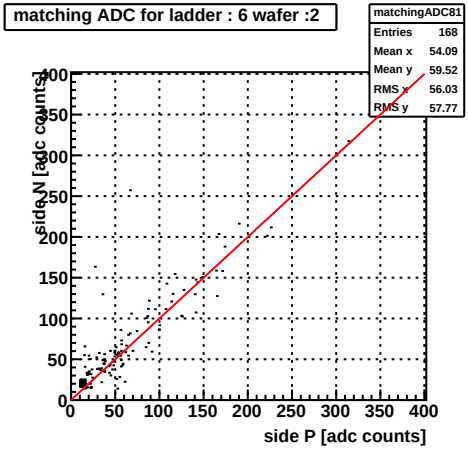

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 326
Mean x 77.51
Mean y 58.68
RMS x 68.06
RMS y 48.94
side N [adc counts]
side P [adc counts]

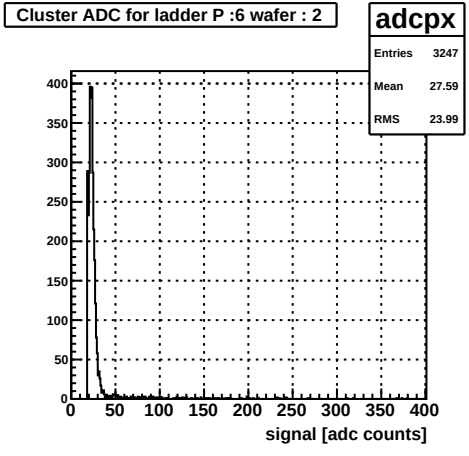

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 11997
Mean 26
RMS 18.96
signal [adc counts]

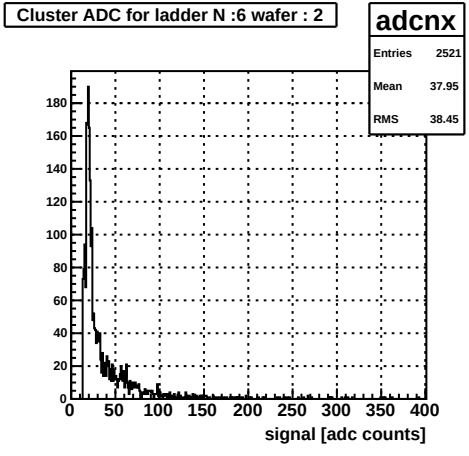

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 2650
Mean 57.57
RMS 59.65
signal [adc counts]

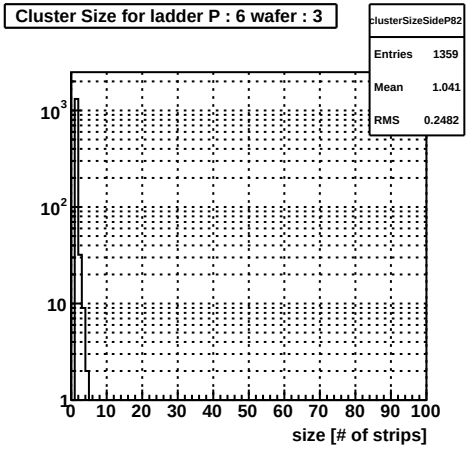

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 3247
Mean 1.043
RMS 0.2926
size [# of strips]

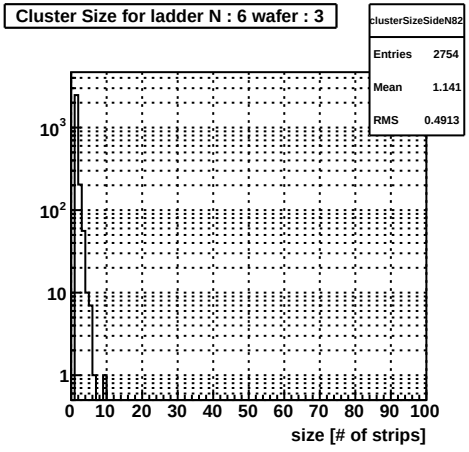

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 2521
Mean 1.505
RMS 0.8809
size [# of strips]

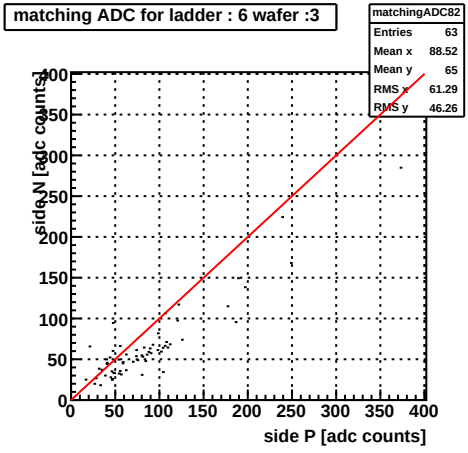

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 168
Mean x 54.09
Mean y 59.52
RMS x 56.03
RMS y 57.77
side N [adc counts]
side P [adc counts]

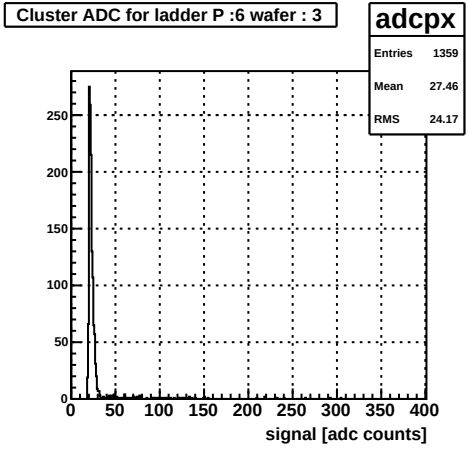

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 3247
Mean 27.59
RMS 23.99
signal [adc counts]

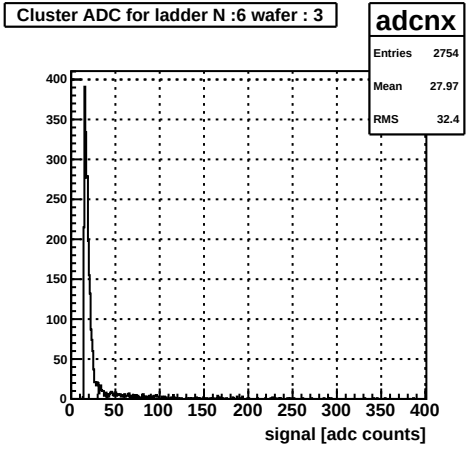

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 2521
Mean 37.95
RMS 38.45
signal [adc counts]

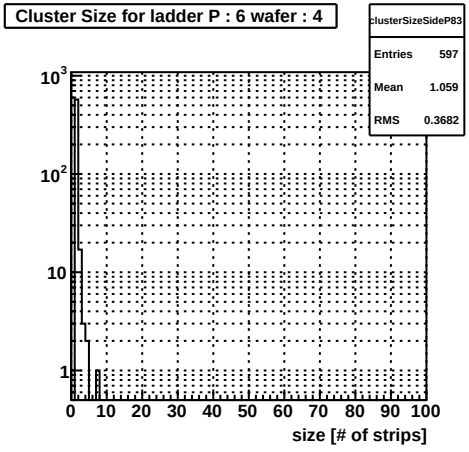

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1359
Mean 1.041
RMS 0.2482
size [# of strips]

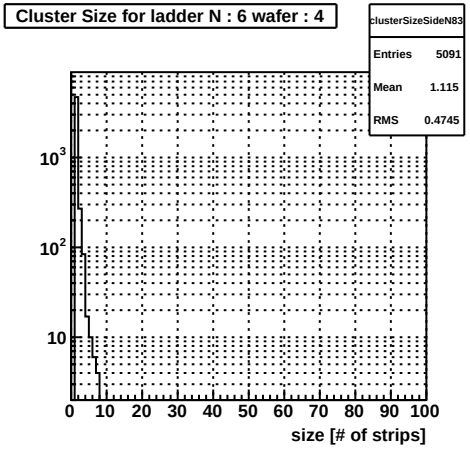

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 2754
Mean 1.141
RMS 0.4913
size [# of strips]

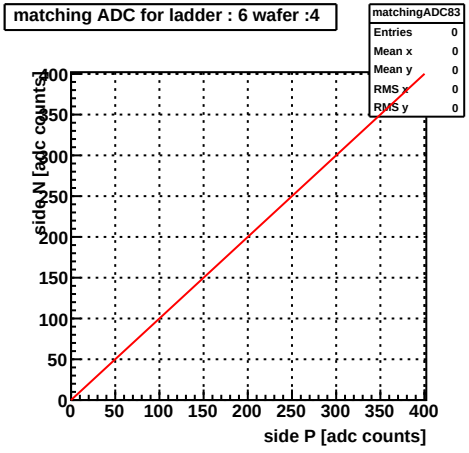

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 63
Mean x 88.52
Mean y 65
RMS x 61.29
RMS y 46.26
side N [adc counts]
side P [adc counts]

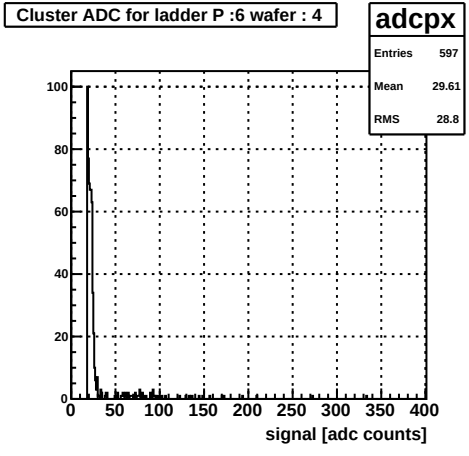

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1359
Mean 27.46
RMS 24.17
signal [adc counts]

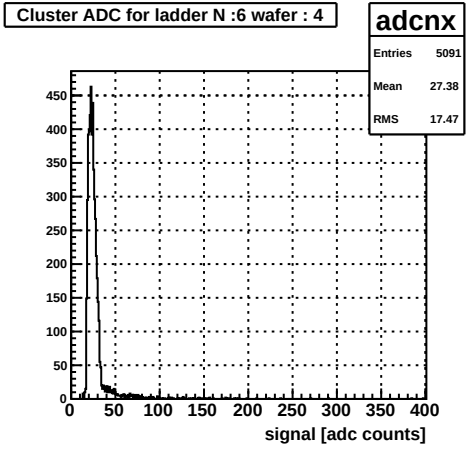

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 2754
Mean 27.97
RMS 32.4
signal [adc counts]

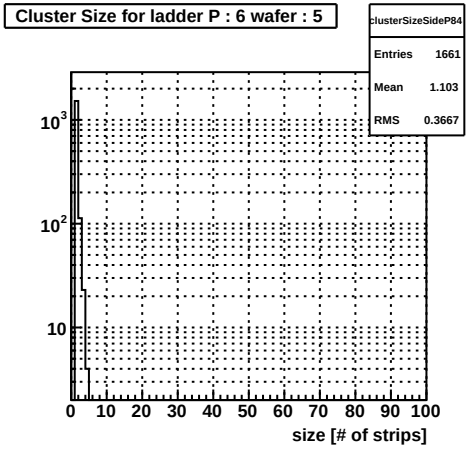

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 597
Mean 1.059
RMS 0.3682
size [# of strips]

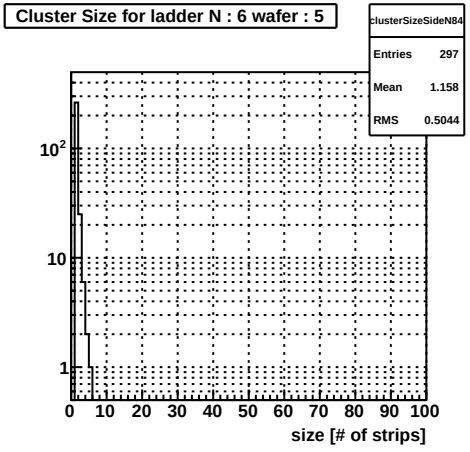

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 5091
Mean 1.115
RMS 0.4745
size [# of strips]

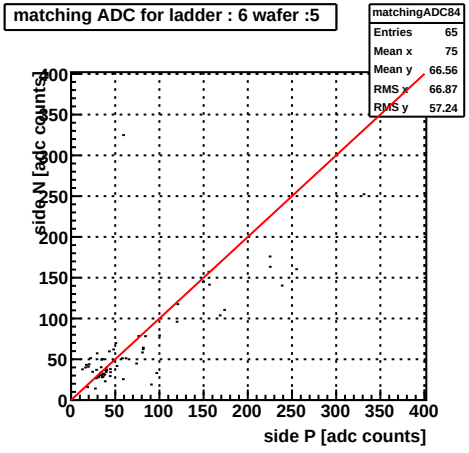

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

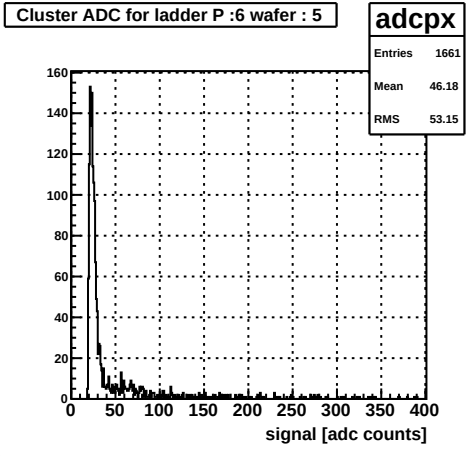

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 597
Mean 29.61
RMS 28.8
signal [adc counts]

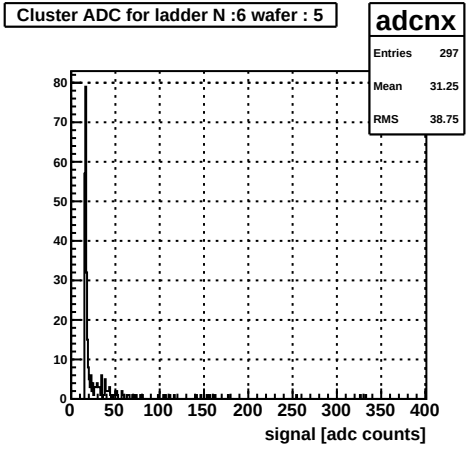

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 5091
Mean 27.38
RMS 17.47
signal [adc counts]

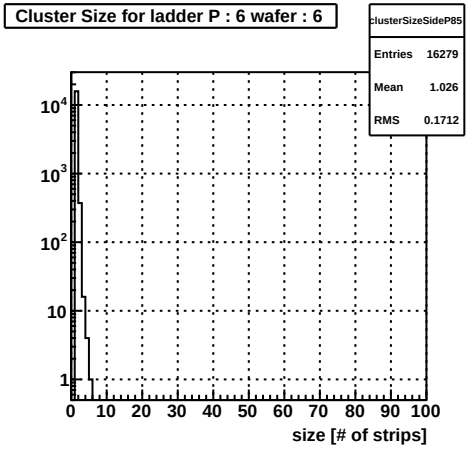

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 1661
Mean 1.103
RMS 0.3667
size [# of strips]

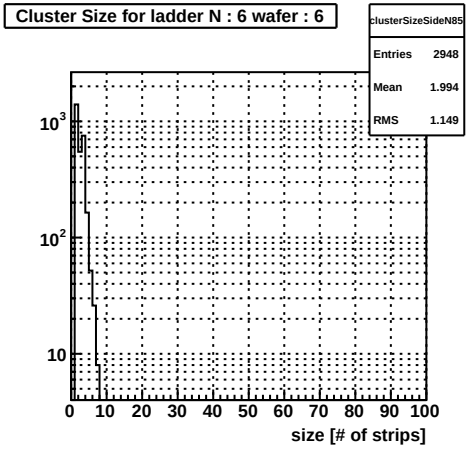

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 297
Mean 1.158
RMS 0.5044
size [# of strips]

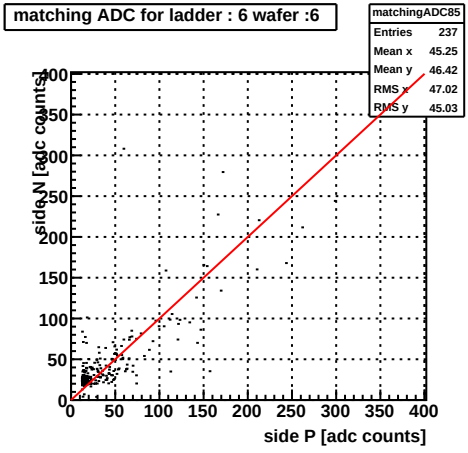

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 65
Mean x 75
Mean y 66.56
RMS x 66.87
RMS y 57.24
side N [adc counts]
side P [adc counts]

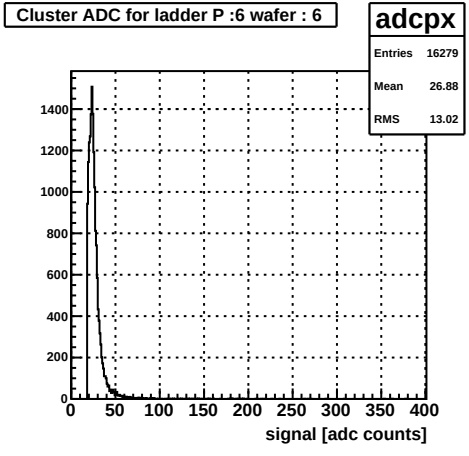

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 1661
Mean 46.18
RMS 53.15
signal [adc counts]

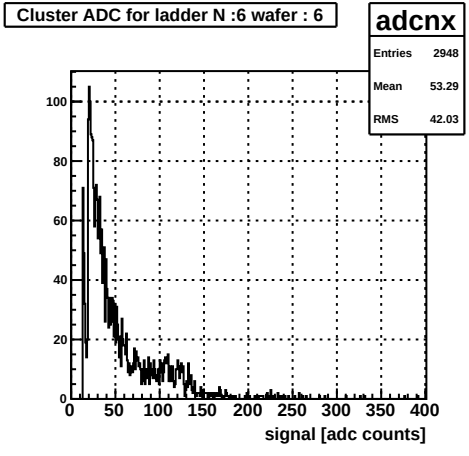

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 297
Mean 31.25
RMS 38.75
signal [adc counts]

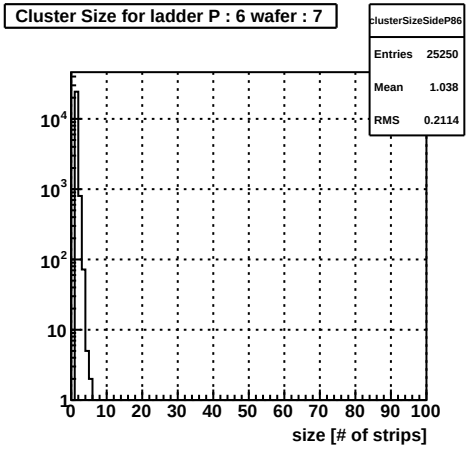

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 16279
Mean 1.026
RMS 0.1712
size [# of strips]

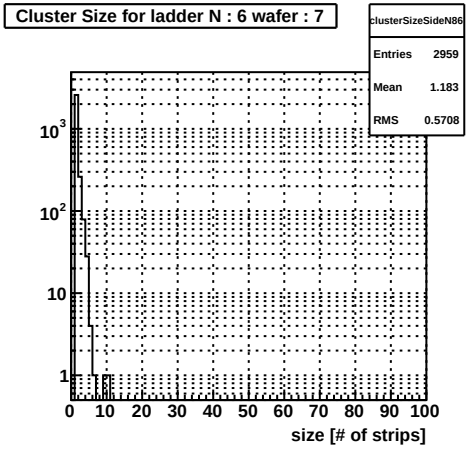

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 2948
Mean 1.994
RMS 1.149
size [# of strips]

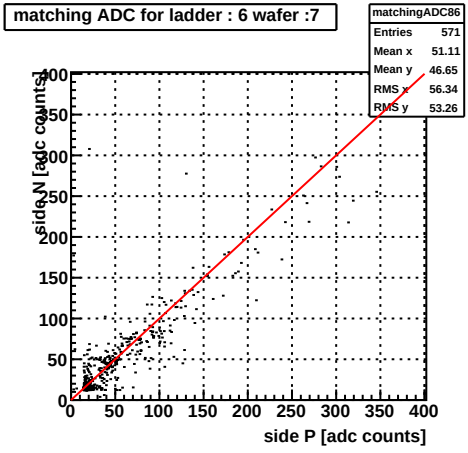

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 237
Mean x 45.25
Mean y 46.42
RMS x 47.02
RMS y 45.03
side N [adc counts]
side P [adc counts]

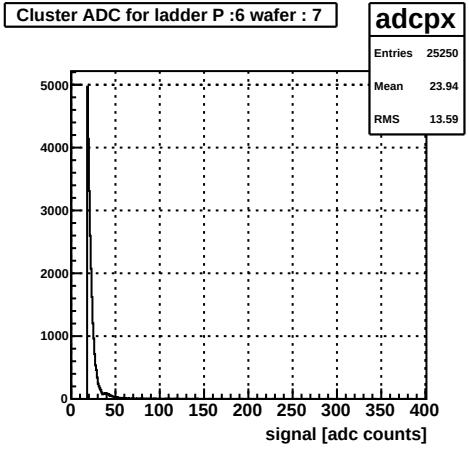

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 16279
Mean 26.88
RMS 13.02
signal [adc counts]

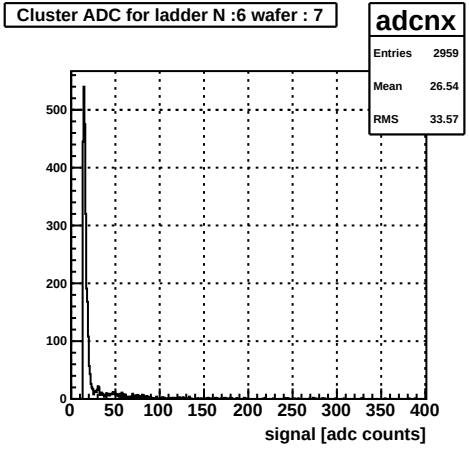

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 2948
Mean 53.29
RMS 42.03
signal [adc counts]

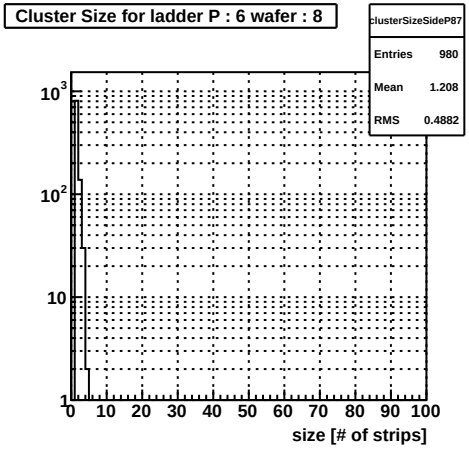

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 25250
Mean 1.038
RMS 0.2114
size [# of strips]

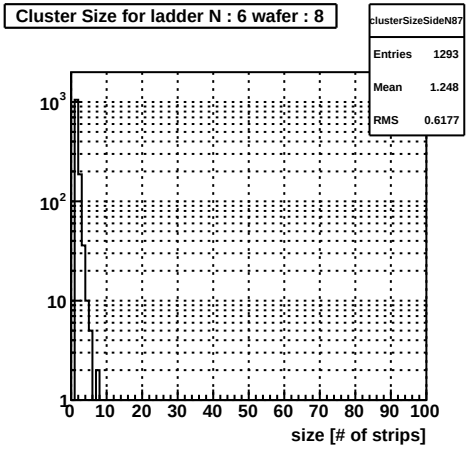

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 2959
Mean 1.183
RMS 0.5708
size [# of strips]

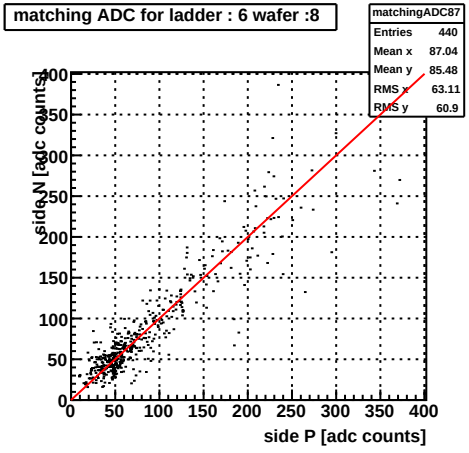

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 571
Mean x 51.11
Mean y 46.65
RMS x 56.34
RMS y 53.26
side N [adc counts]
side P [adc counts]

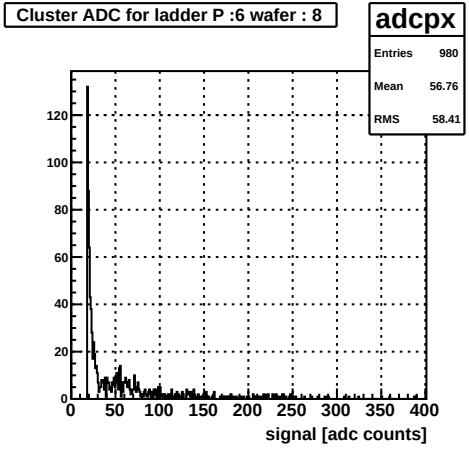

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 25250
Mean 23.94
RMS 13.59
signal [adc counts]

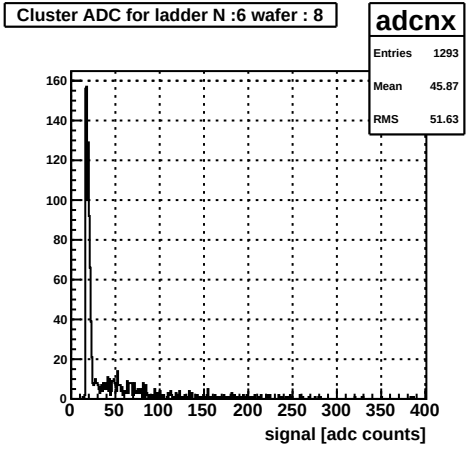

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 2959
Mean 26.54
RMS 33.57
signal [adc counts]

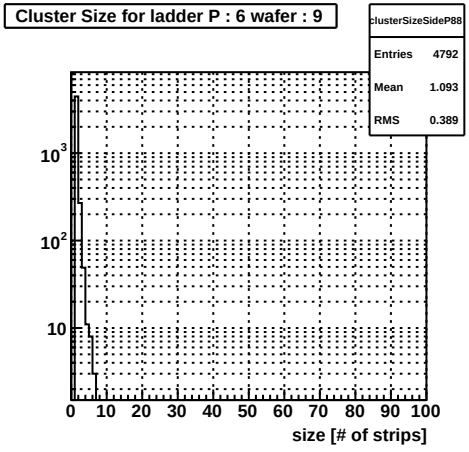

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 980
Mean 1.208
RMS 0.4882
size [# of strips]

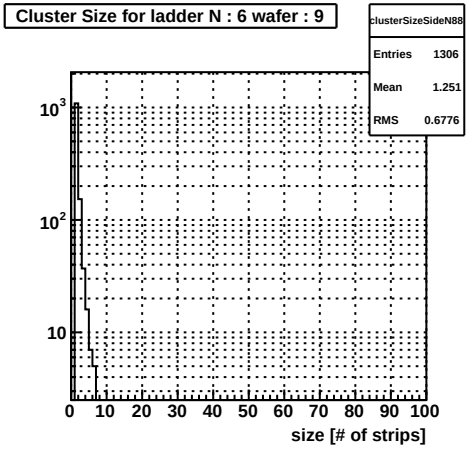

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 1293
Mean 1.248
RMS 0.6177
size [# of strips]

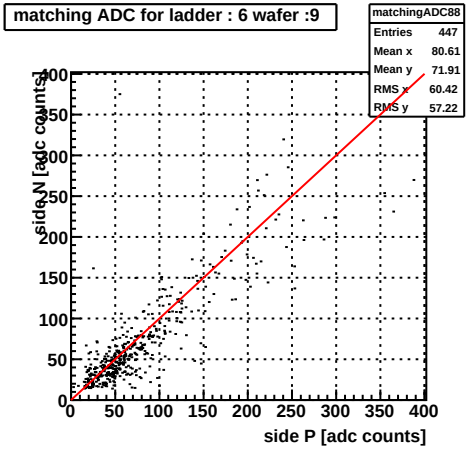

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 440
Mean x 87.04
Mean y 85.48
RMS x 63.11
RMS y 60.9
side N [adc counts]
side P [adc counts]

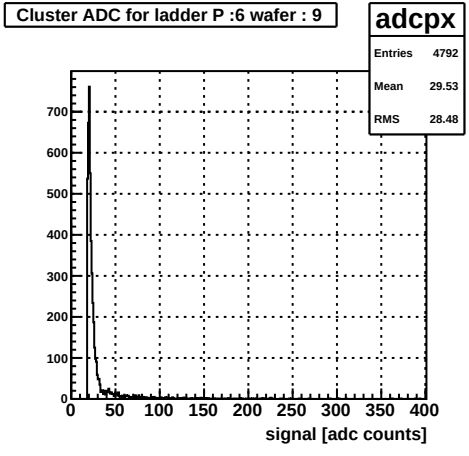

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 980
Mean 56.76
RMS 58.41
signal [adc counts]

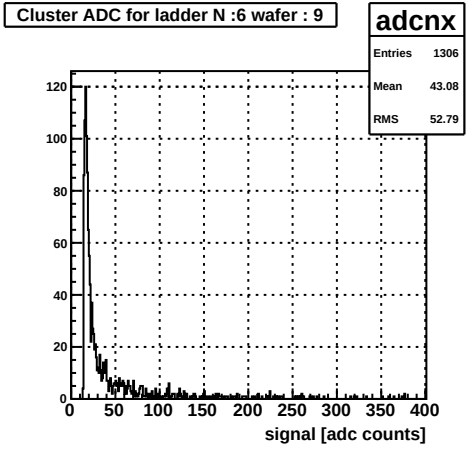

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 1293
Mean 45.87
RMS 51.63
signal [adc counts]

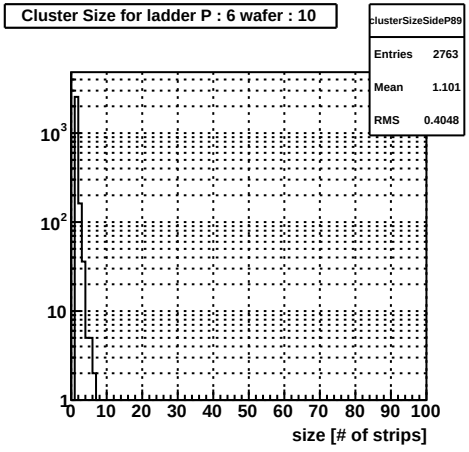

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 4792
Mean 1.093
RMS 0.389
size [# of strips]

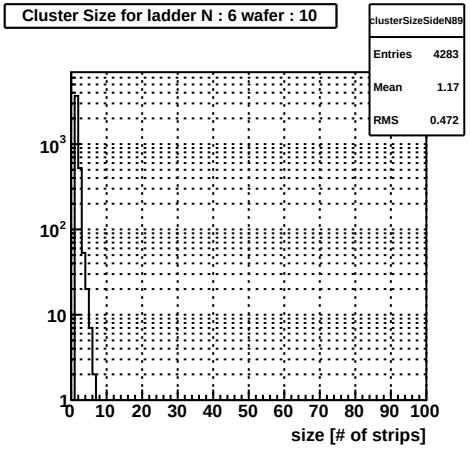

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 1306
Mean 1.251
RMS 0.6776
size [# of strips]

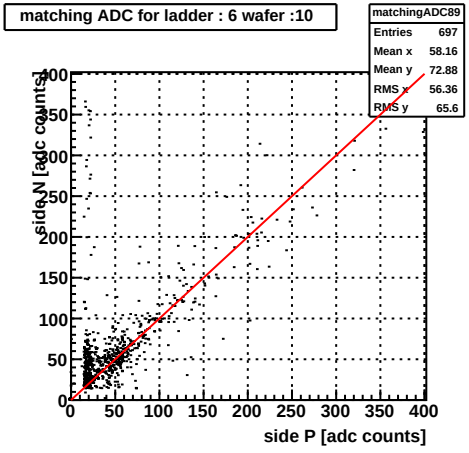

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 447
Mean x 80.61
Mean y 71.91
RMS x 60.42
RMS y 57.22
side N [adc counts]
side P [adc counts]

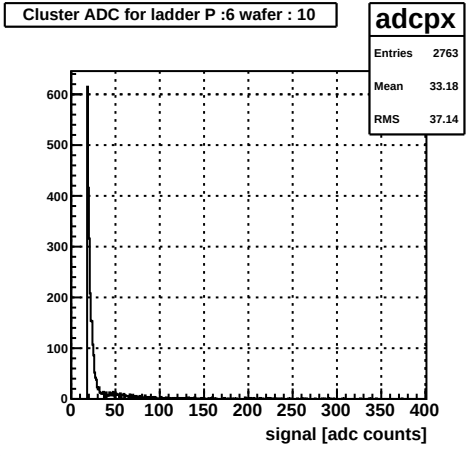

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 4792
Mean 29.53
RMS 28.48
signal [adc counts]

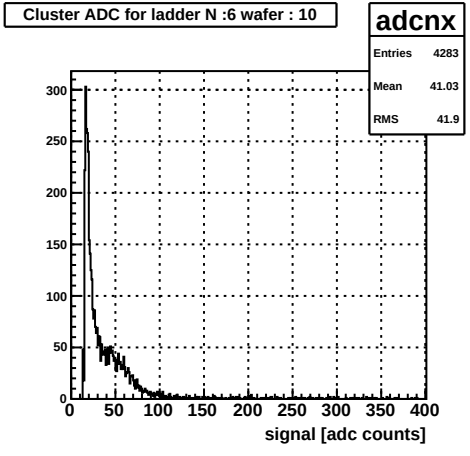

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 1306
Mean 43.08
RMS 52.79
signal [adc counts]

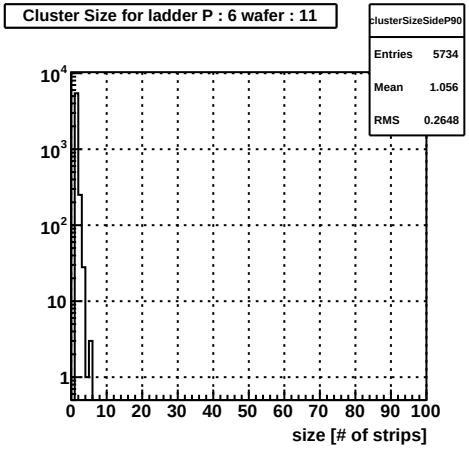

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 2763
Mean 1.101
RMS 0.4048
size [# of strips]

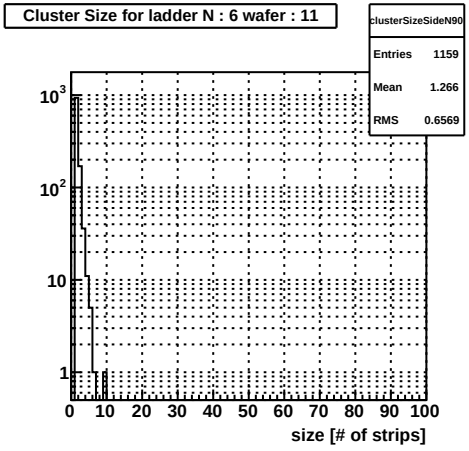

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 4283
Mean 1.17
RMS 0.472
size [# of strips]

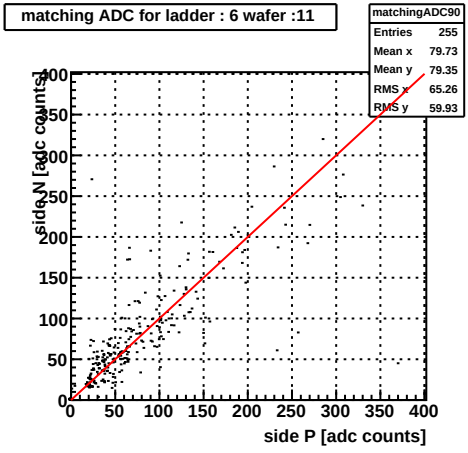

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 697
Mean x 58.16
Mean y 72.88
RMS x 56.36
RMS y 65.6
side N [adc counts]
side P [adc counts]

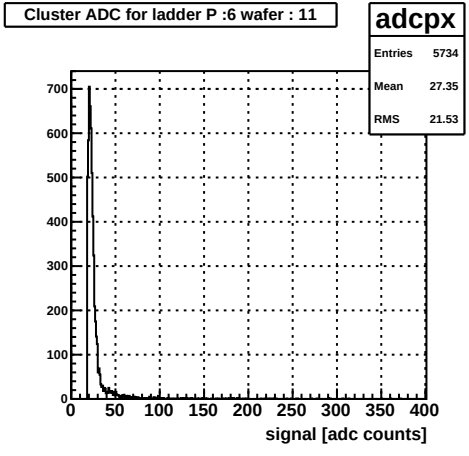

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 2763
Mean 33.18
RMS 37.14
signal [adc counts]

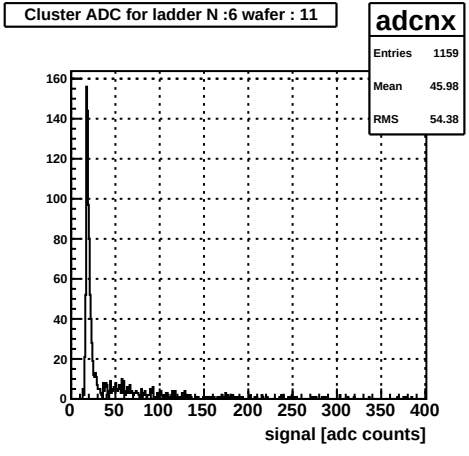

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 4283
Mean 41.03
RMS 41.9
signal [adc counts]

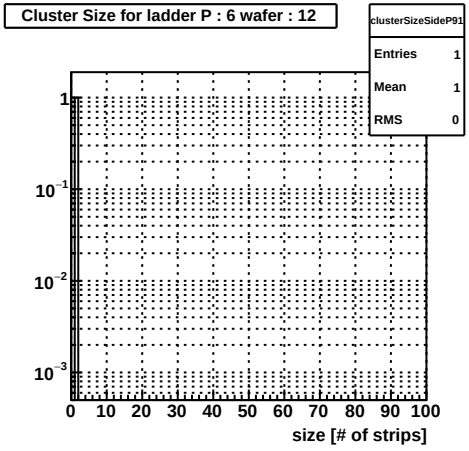

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 5734
Mean 1.056
RMS 0.2648
size [# of strips]

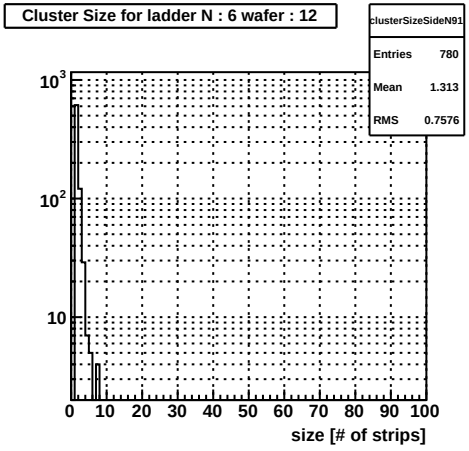

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 1159
Mean 1.266
RMS 0.6569
size [# of strips]

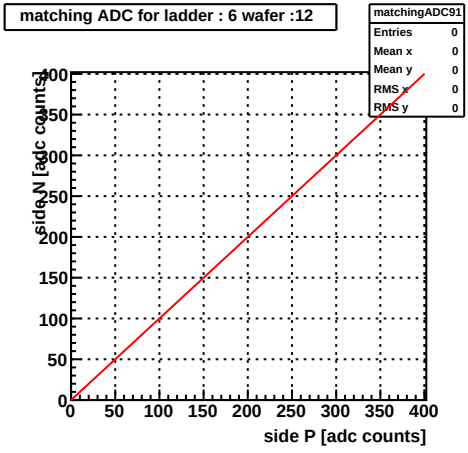

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 255
Mean x 79.73
Mean y 79.35
RMS x 65.26
RMS y 59.93
side N [adc counts]
side P [adc counts]

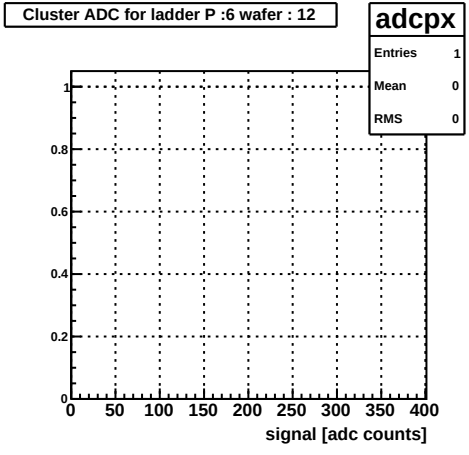

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 5734
Mean 27.35
RMS 21.53
signal [adc counts]

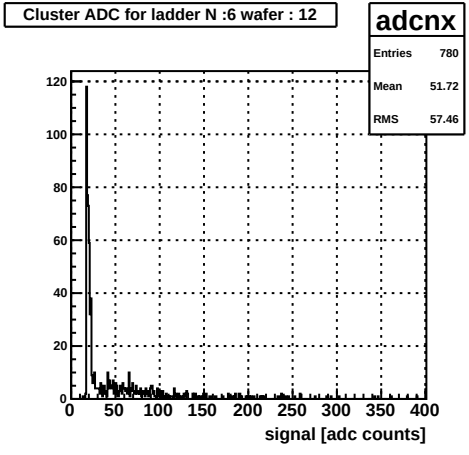

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 1159
Mean 45.98
RMS 54.38
signal [adc counts]

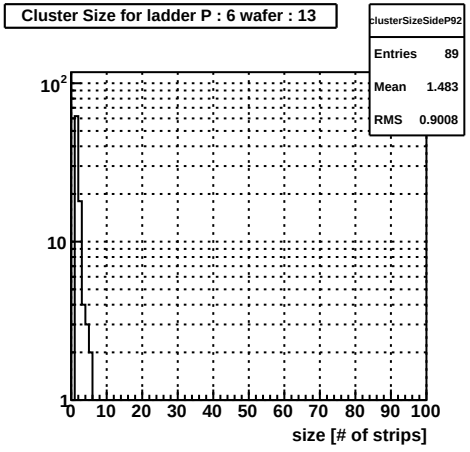

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 1
Mean 1
RMS 0
size [# of strips]

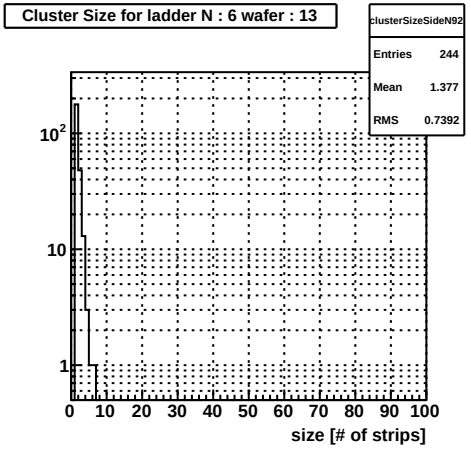

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 780
Mean 1.313
RMS 0.7576
size [# of strips]

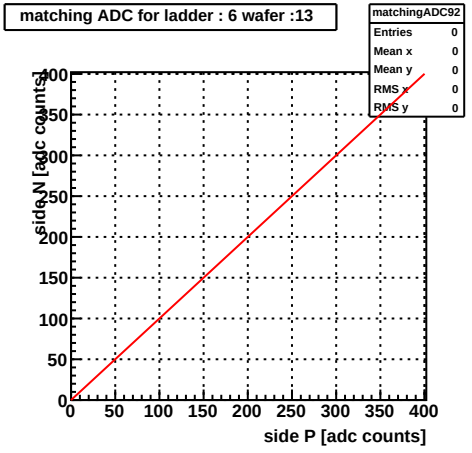

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

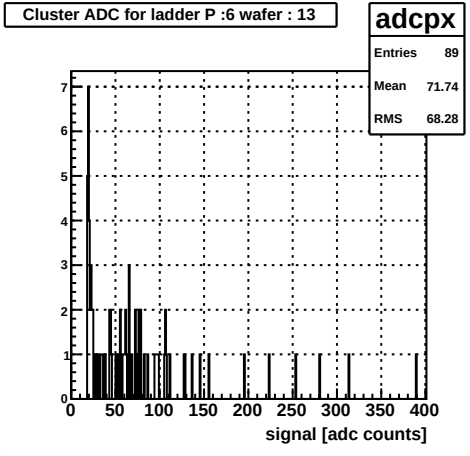

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

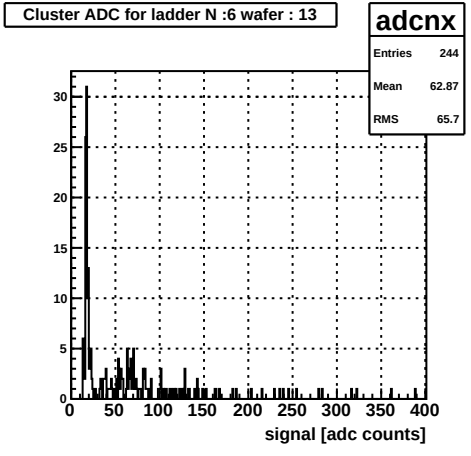

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 780
Mean 51.72
RMS 57.46
signal [adc counts]

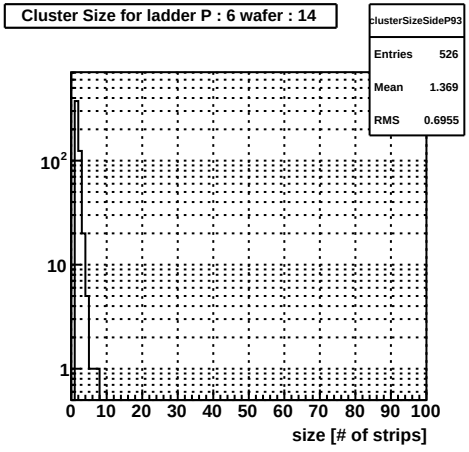

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 89
Mean 1.483
RMS 0.9008
size [# of strips]

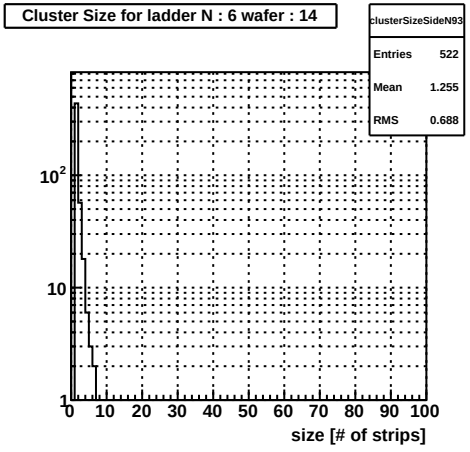

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 244
Mean 1.377
RMS 0.7392
size [# of strips]

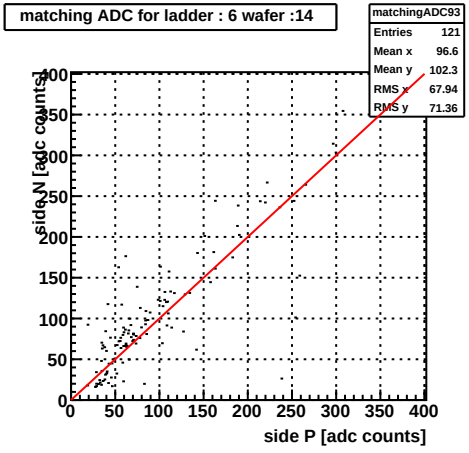

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

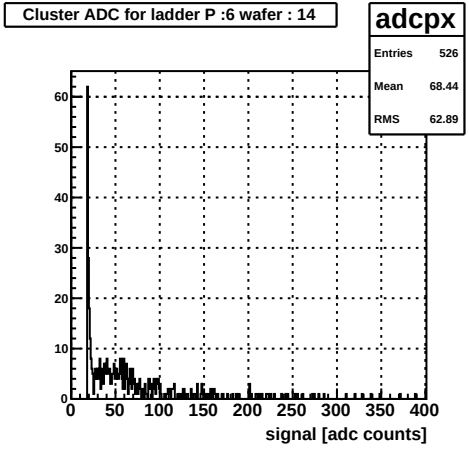

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 89
Mean 71.74
RMS 68.28
signal [adc counts]

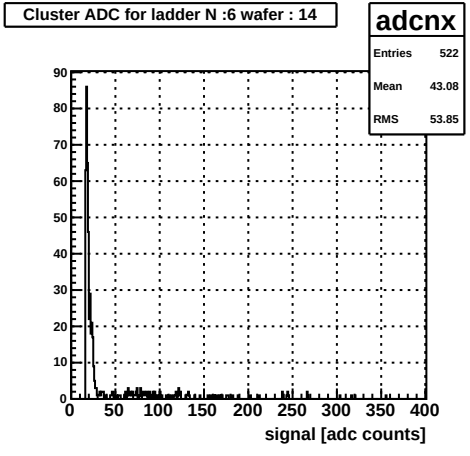

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 244
Mean 62.87
RMS 65.7
signal [adc counts]

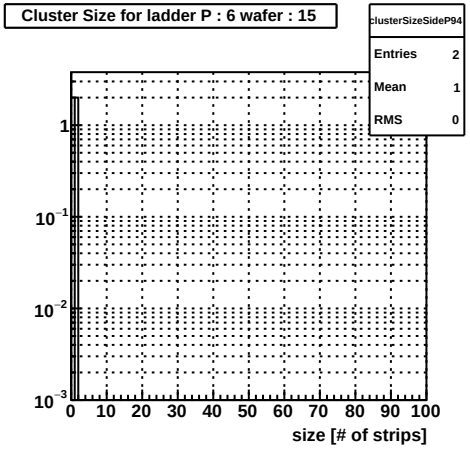

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 526
Mean 1.369
RMS 0.6955
size [# of strips]

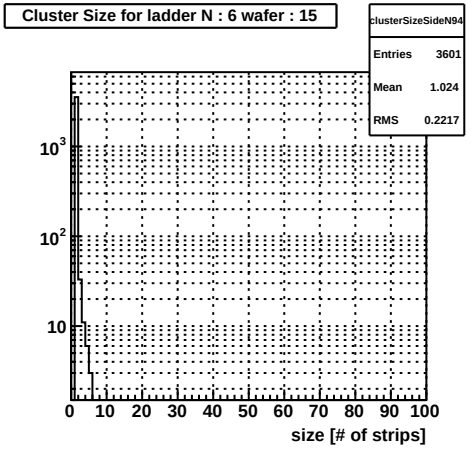

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 522
Mean 1.255
RMS 0.688
size [# of strips]

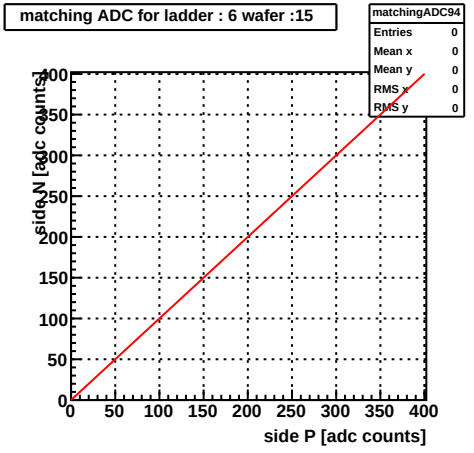

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 121
Mean x 96.6
Mean y 102.3
RMS x 67.94
RMS y 71.36
side N [adc counts]
side P [adc counts]

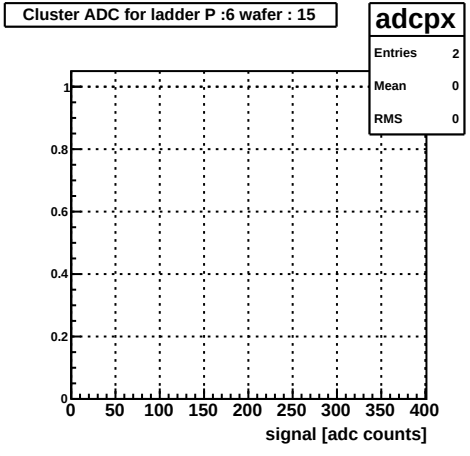

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 526
Mean 68.44
RMS 62.89
signal [adc counts]

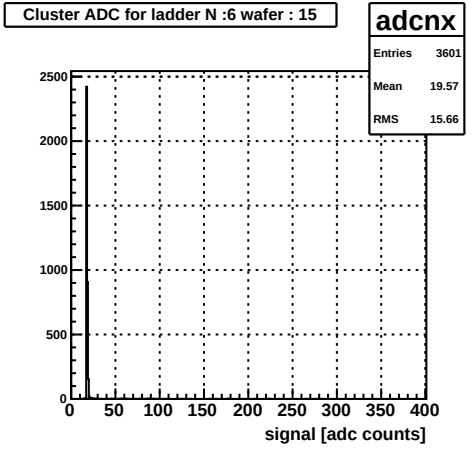

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 522
Mean 43.08
RMS 53.85
signal [adc counts]

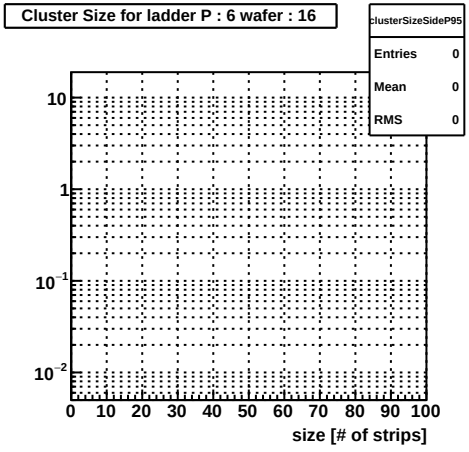

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 2
Mean 1
RMS 0
size [# of strips]

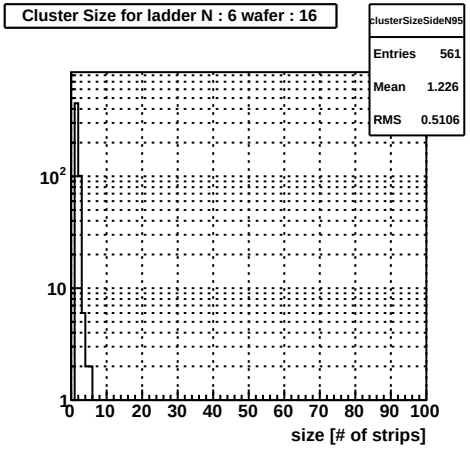

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 3601
Mean 1.024
RMS 0.2217
size [# of strips]

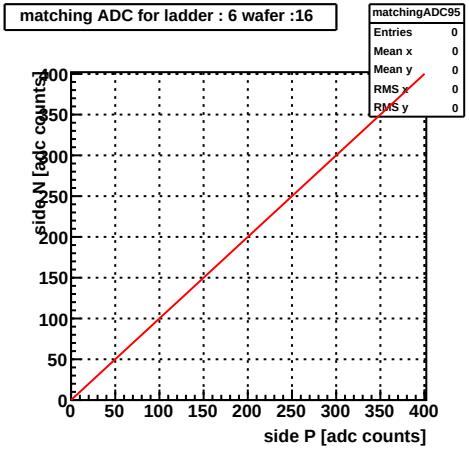

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

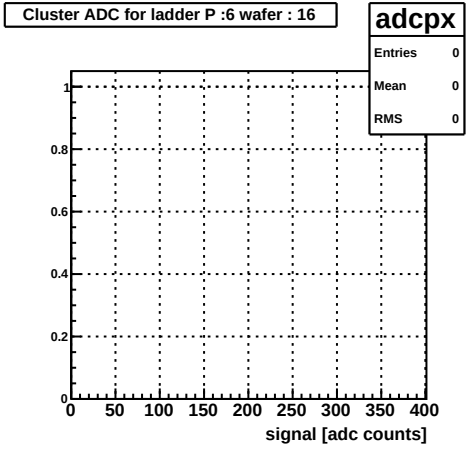

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

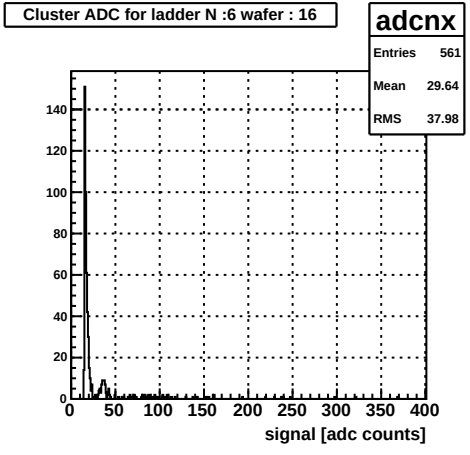

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 3601
Mean 19.57
RMS 15.66
signal [adc counts]

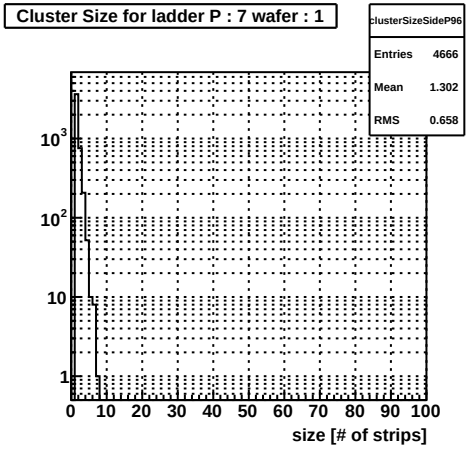

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

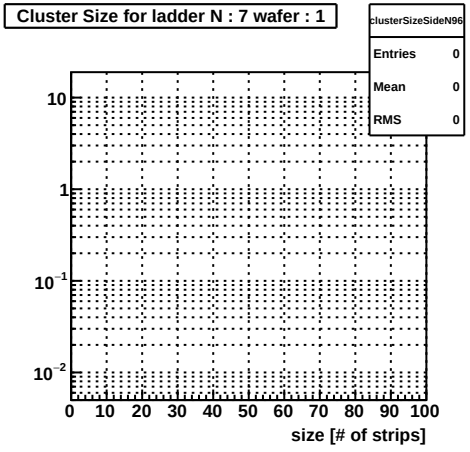

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 561
Mean 1.226
RMS 0.5106
size [# of strips]

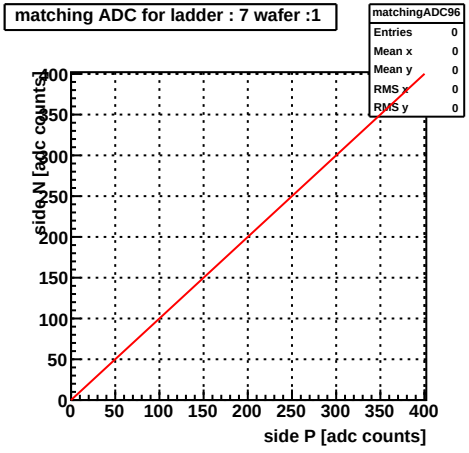

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

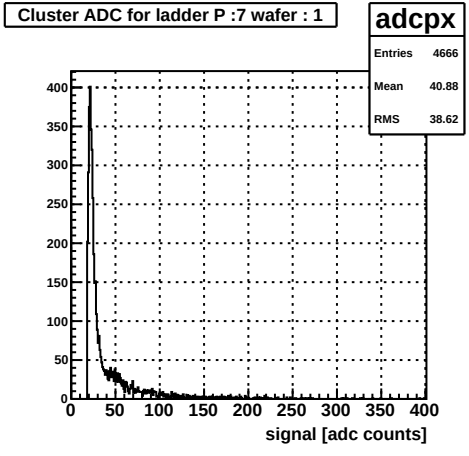

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

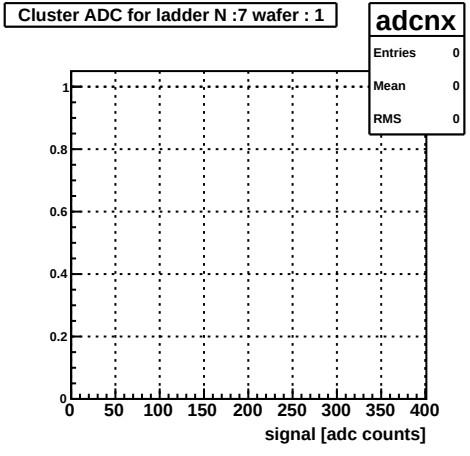

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 561
Mean 29.64
RMS 37.98
signal [adc counts]

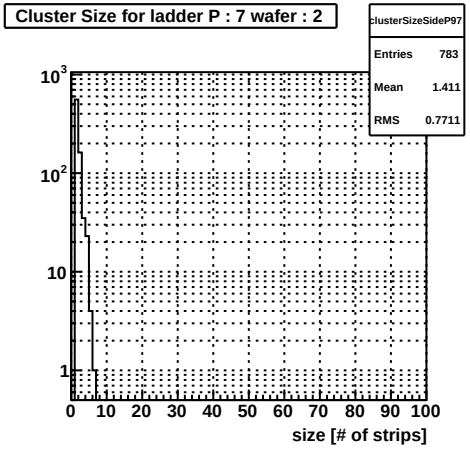

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 4666
Mean 1.302
RMS 0.658
size [# of strips]

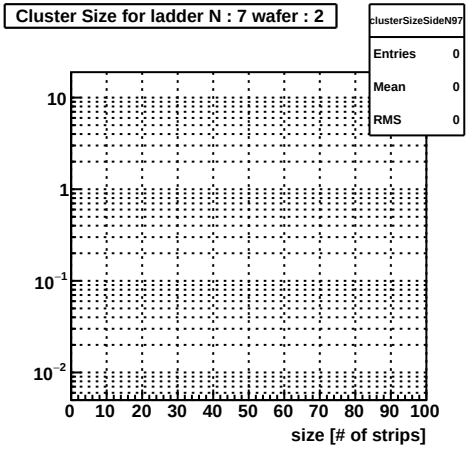

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

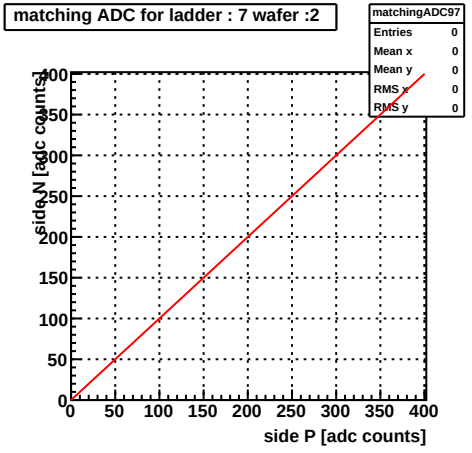

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

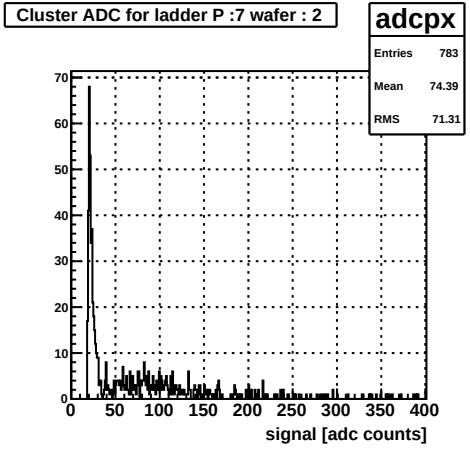

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 4666
Mean 40.88
RMS 38.62
signal [adc counts]

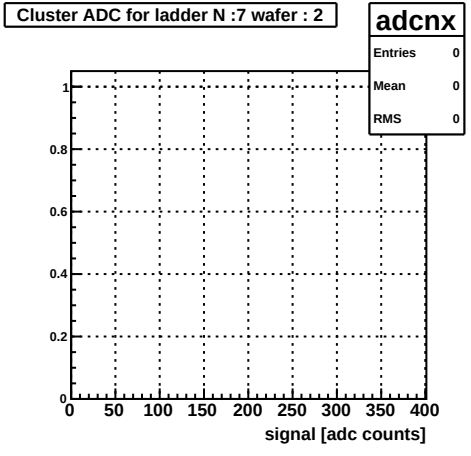

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

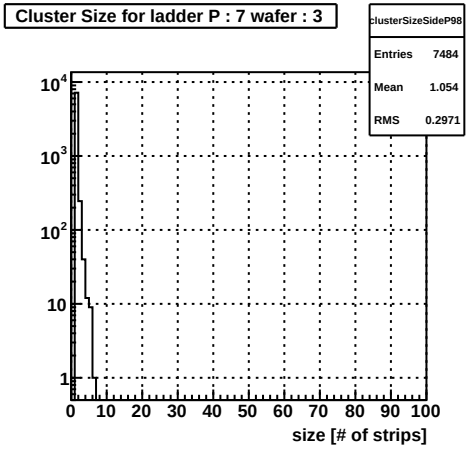

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 783
Mean 1.411
RMS 0.7711
size [# of strips]

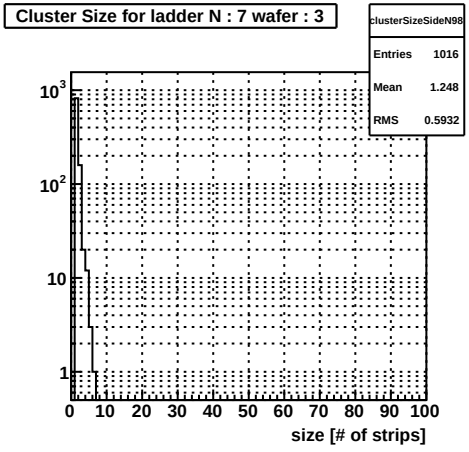

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

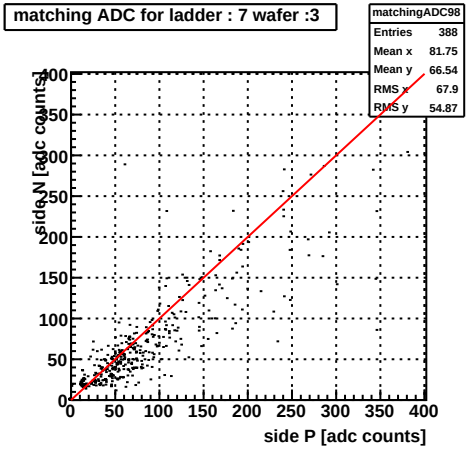

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

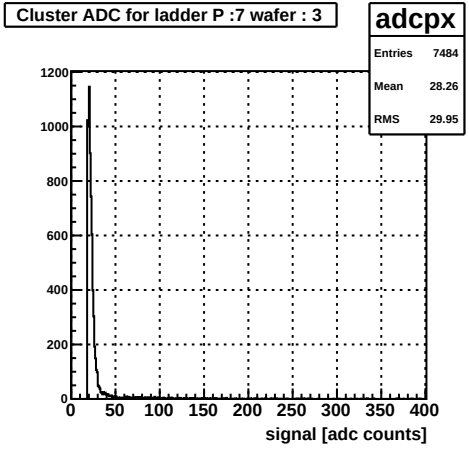

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 783
Mean 74.39
RMS 71.31
signal [adc counts]

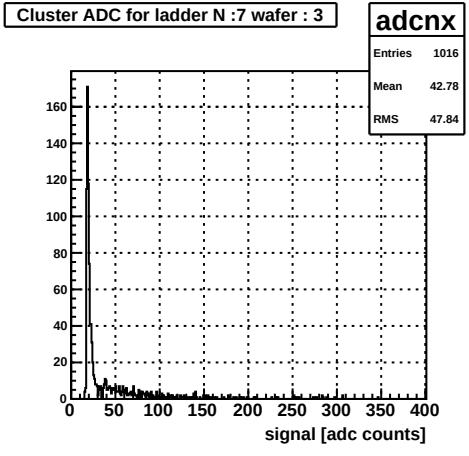

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

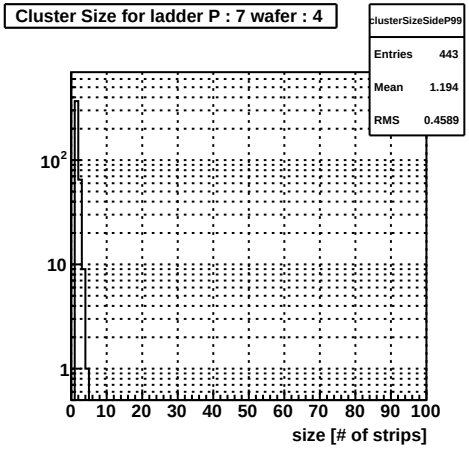

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 7484
Mean 1.054
RMS 0.2971
size [# of strips]

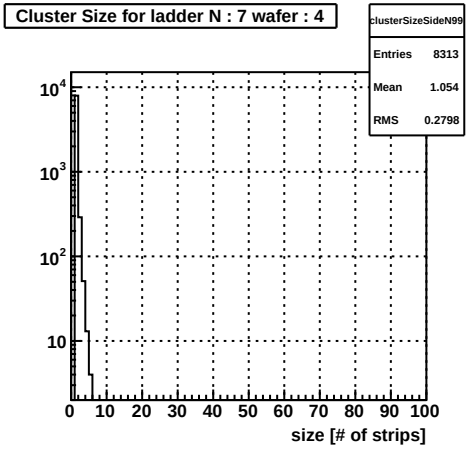

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 1016
Mean 1.248
RMS 0.5932
size [# of strips]

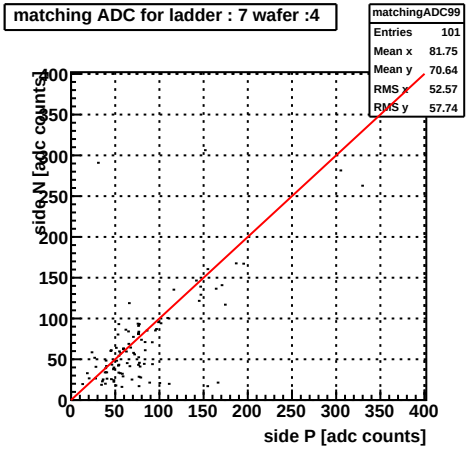

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 388
Mean x 81.75
Mean y 66.54
RMS x 67.9
RMS y 54.87
side N [adc counts]
side P [adc counts]

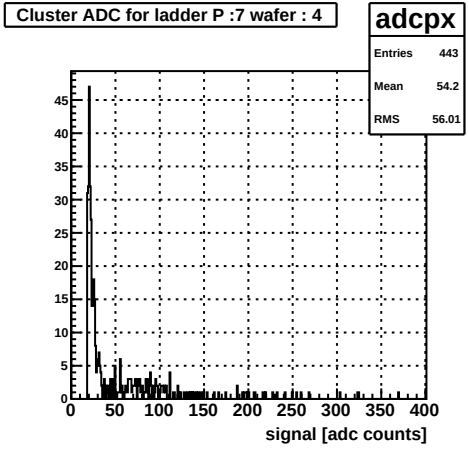

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 7484
Mean 28.26
RMS 29.95
signal [adc counts]

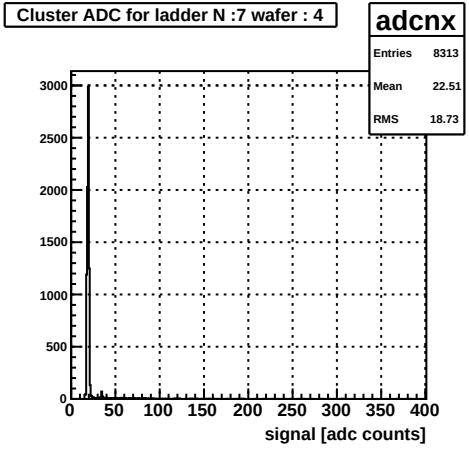

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 1016
Mean 42.78
RMS 47.84
signal [adc counts]

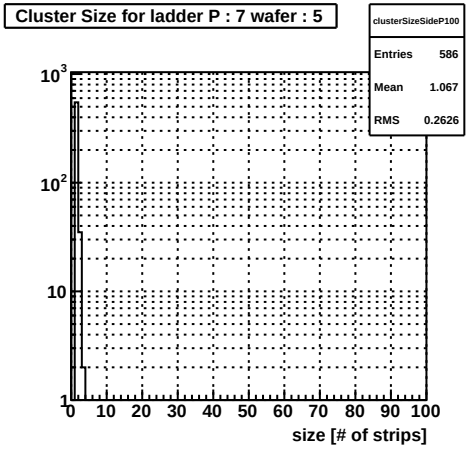

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 443
Mean 1.194
RMS 0.4589
size [# of strips]

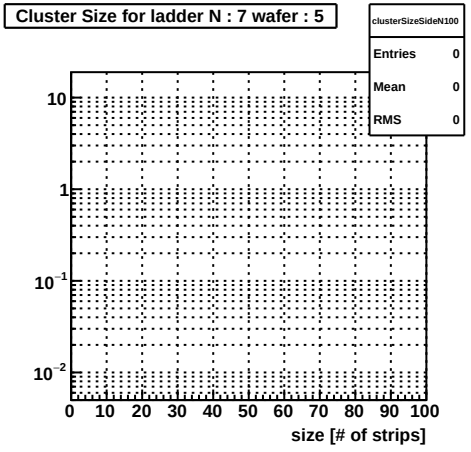

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 8313
Mean 1.054
RMS 0.2798
size [# of strips]

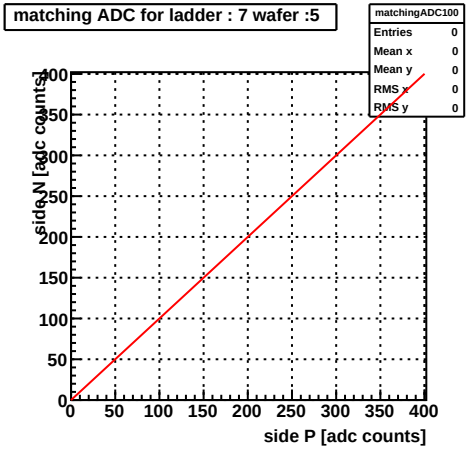

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 101
Mean x 81.75
Mean y 70.64
RMS x 52.57
RMS y 57.74
side N [adc counts]
side P [adc counts]

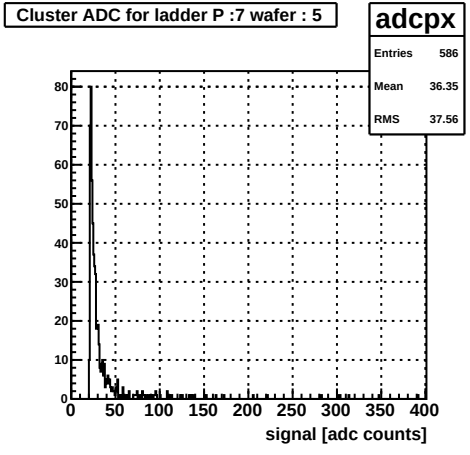

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 443
Mean 54.2
RMS 56.01
signal [adc counts]

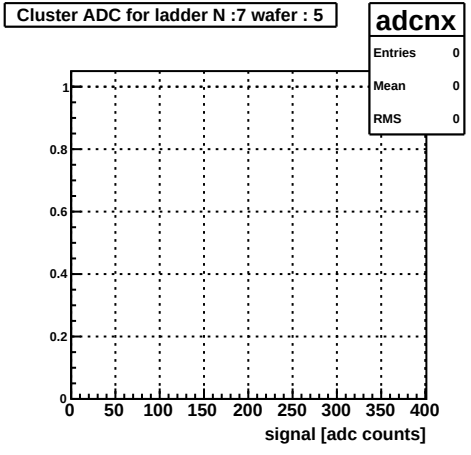

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 8313
Mean 22.51
RMS 18.73
signal [adc counts]

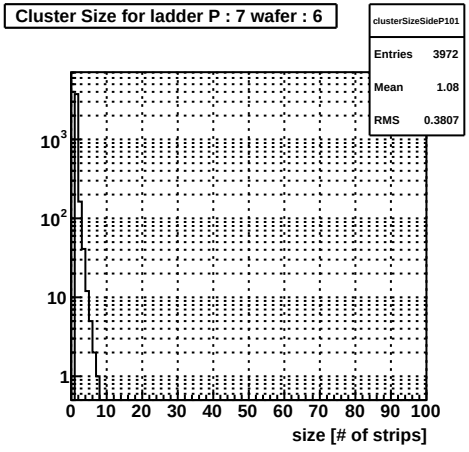

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 586
Mean 1.067
RMS 0.2626
size [# of strips]

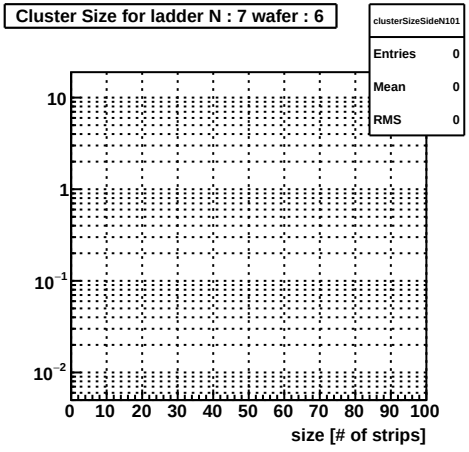

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

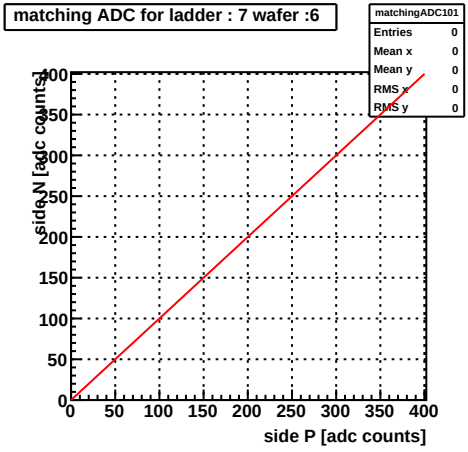

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

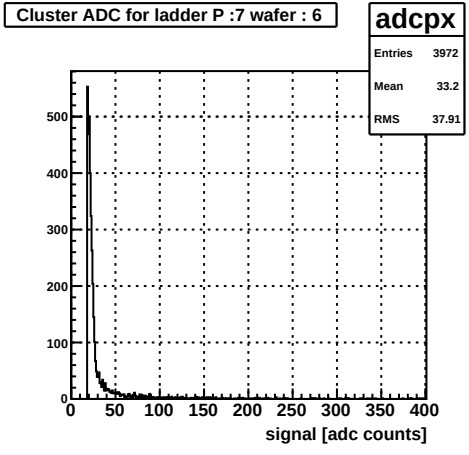

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 586
Mean 36.35
RMS 37.56
signal [adc counts]

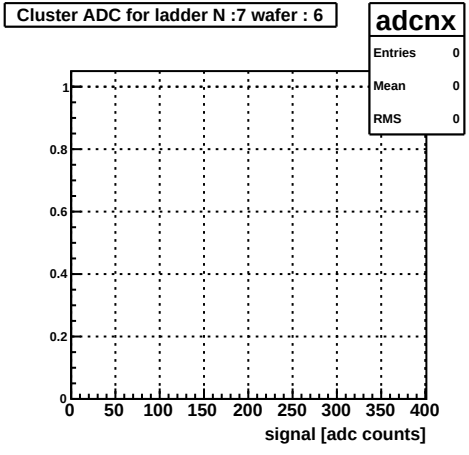

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

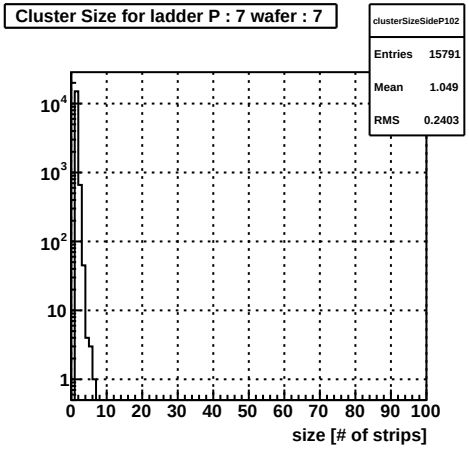

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 3972
Mean 1.08
RMS 0.3807
size [# of strips]

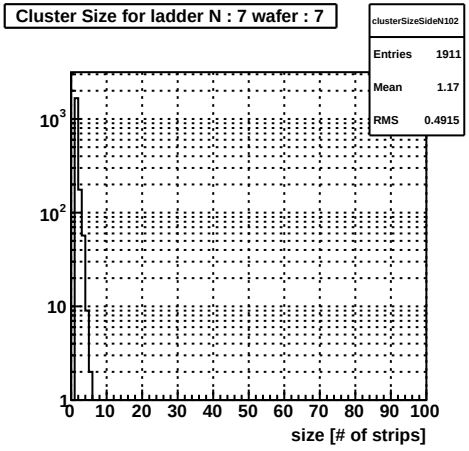

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

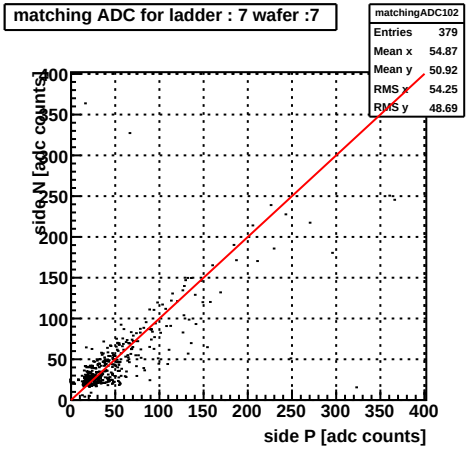

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

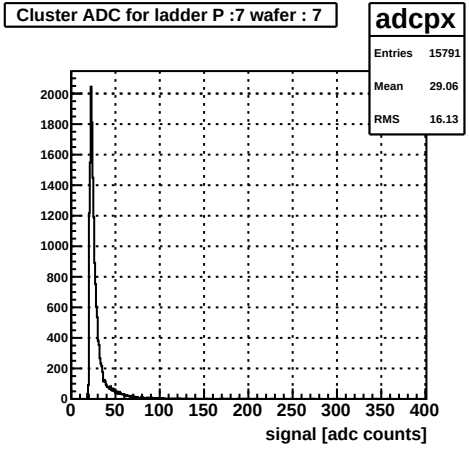

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 3972
Mean 33.2
RMS 37.91
signal [adc counts]

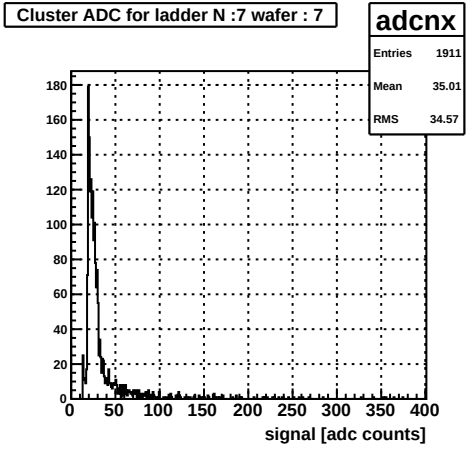

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

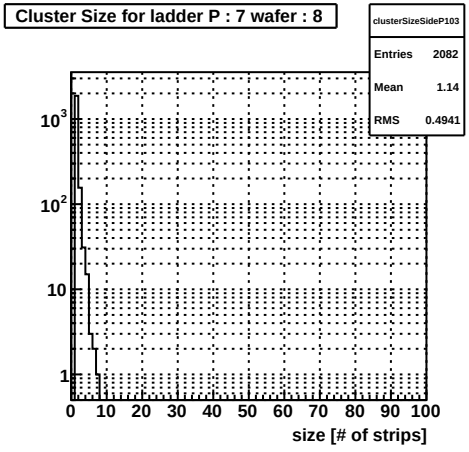

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 15791
Mean 1.049
RMS 0.2403
size [# of strips]

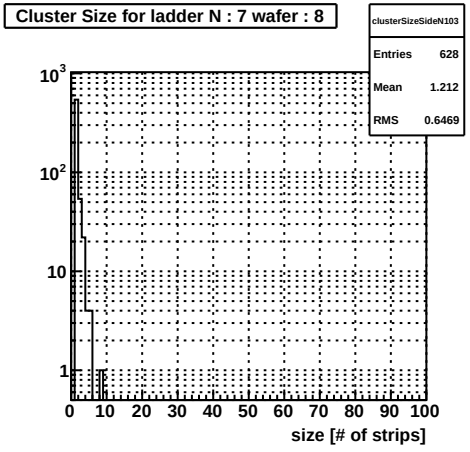

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 1911
Mean 1.17
RMS 0.4915
size [# of strips]

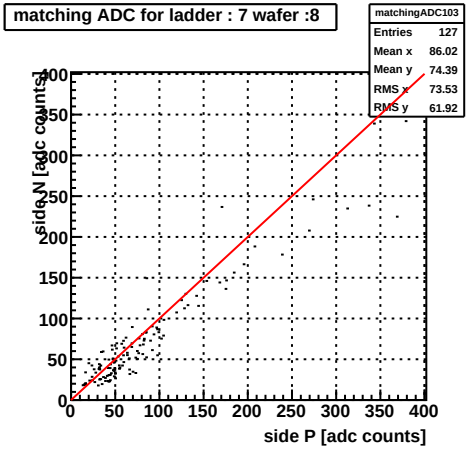

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 379
Mean x 54.87
Mean y 50.92
RMS x 54.25
RMS y 48.69
side N [adc counts]
side P [adc counts]

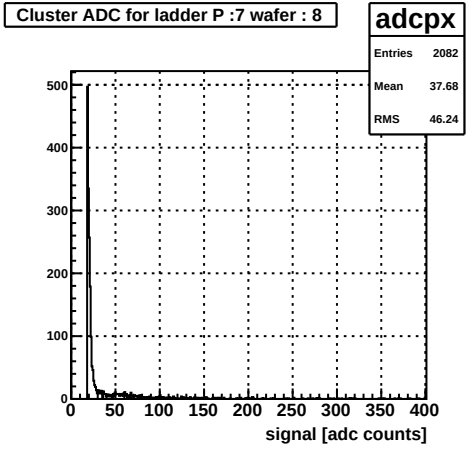

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 15791
Mean 29.06
RMS 16.13
signal [adc counts]

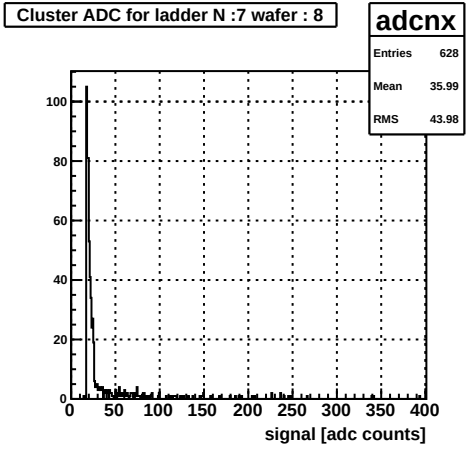

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 1911
Mean 35.01
RMS 34.57
signal [adc counts]

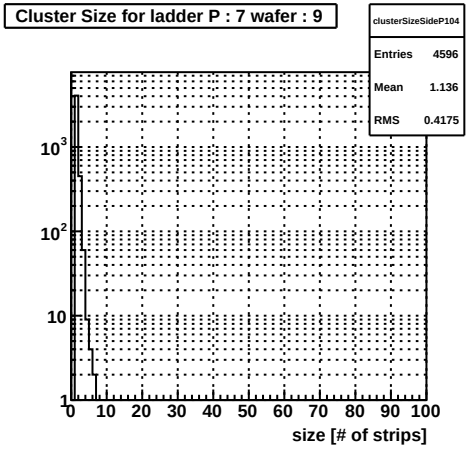

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 2082
Mean 1.14
RMS 0.4941
size [# of strips]

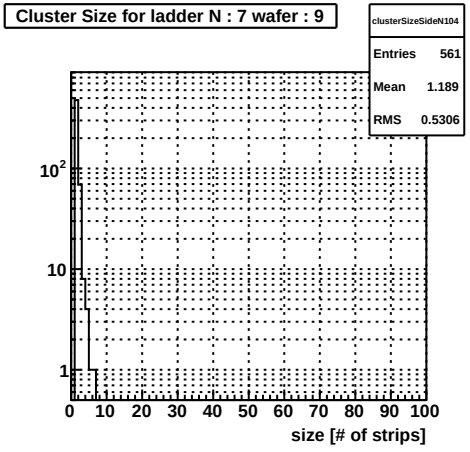

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 628
Mean 1.212
RMS 0.6469
size [# of strips]

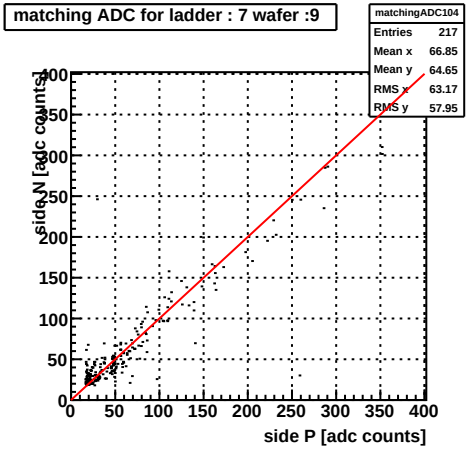

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 127
Mean x 86.02
Mean y 74.39
RMS x 73.53
RMS y 61.92
side N [adc counts]
side P [adc counts]

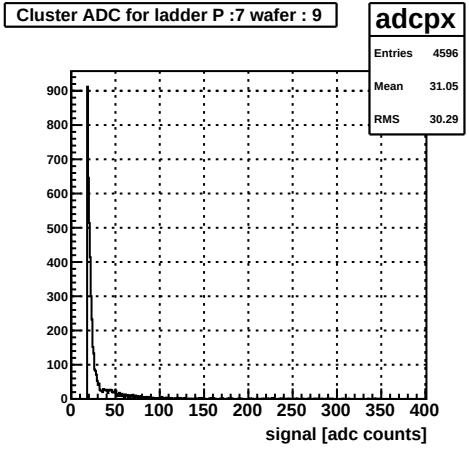

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 2082
Mean 37.68
RMS 46.24
signal [adc counts]

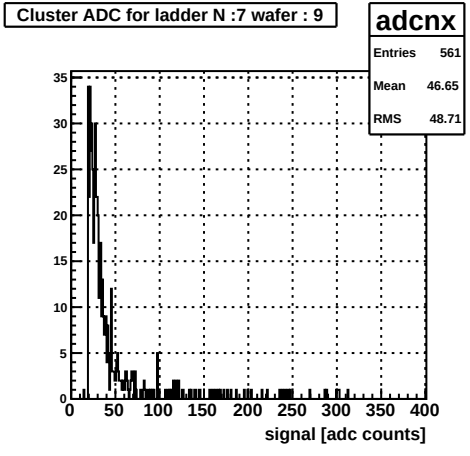

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 628
Mean 35.99
RMS 43.98
signal [adc counts]

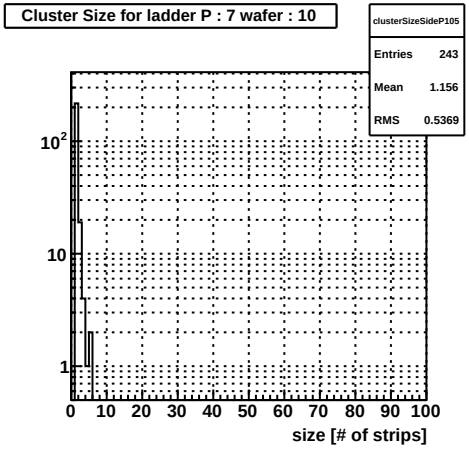

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 4596
Mean 1.136
RMS 0.4175
size [# of strips]

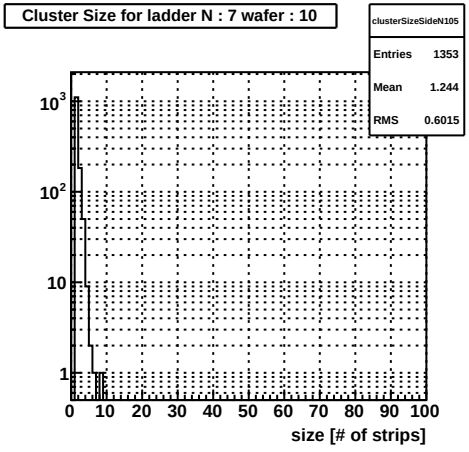

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 561
Mean 1.189
RMS 0.5306
size [# of strips]

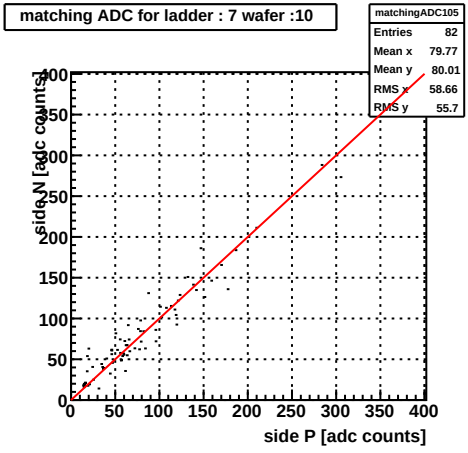

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 217
Mean x 66.85
Mean y 64.65
RMS x 63.17
RMS y 57.95
side N [adc counts]
side P [adc counts]

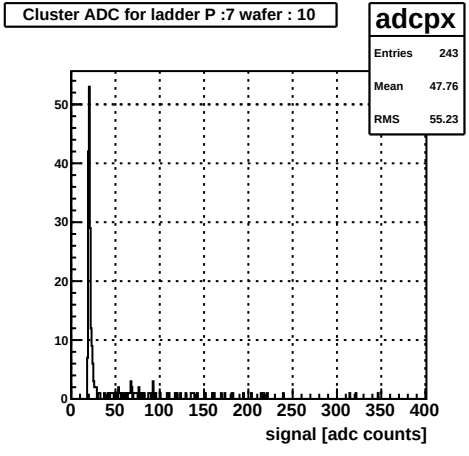

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 4596
Mean 31.05
RMS 30.29
signal [adc counts]

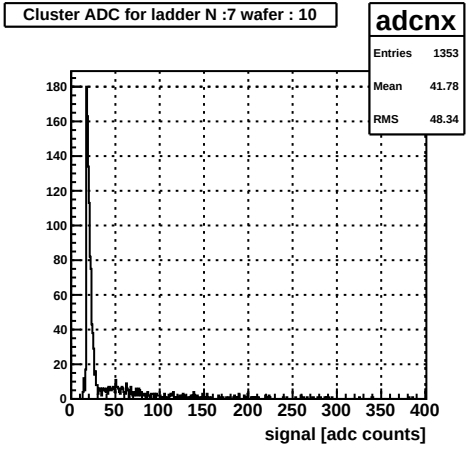

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 561
Mean 46.65
RMS 48.71
signal [adc counts]

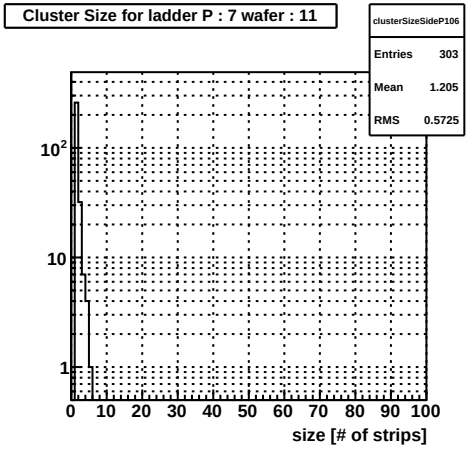

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 243
Mean 1.156
RMS 0.5369
size [# of strips]

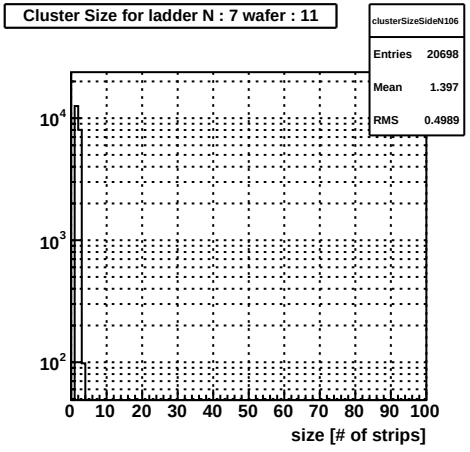

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 1353
Mean 1.244
RMS 0.6015
size [# of strips]

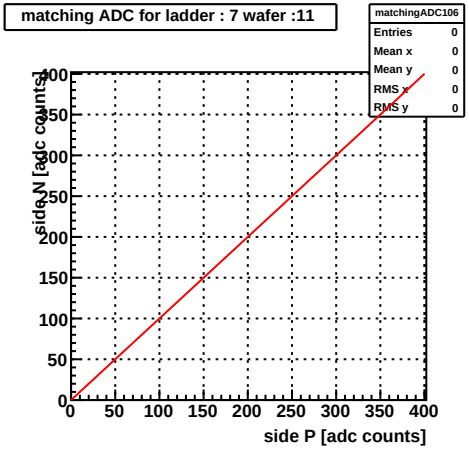

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 82
Mean x 79.77
Mean y 80.01
RMS x 58.66
RMS y 55.7
side N [adc counts]
side P [adc counts]

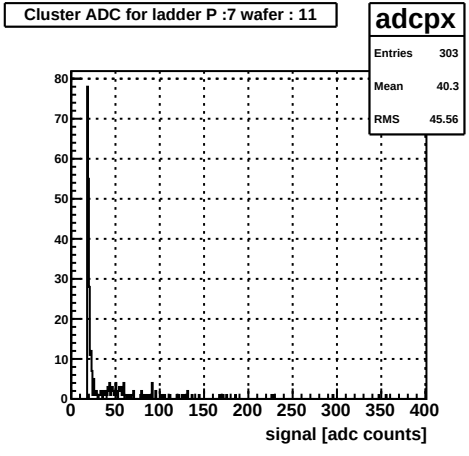

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 243
Mean 47.76
RMS 55.23
signal [adc counts]

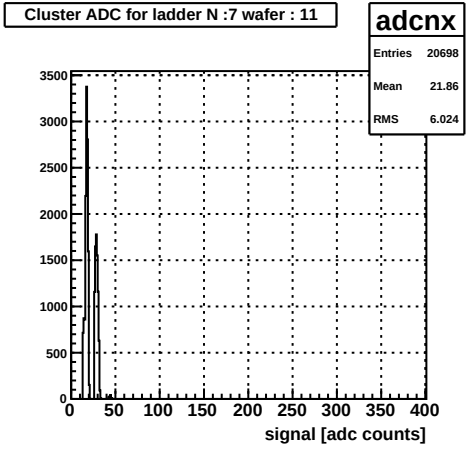

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 1353
Mean 41.78
RMS 48.34
signal [adc counts]

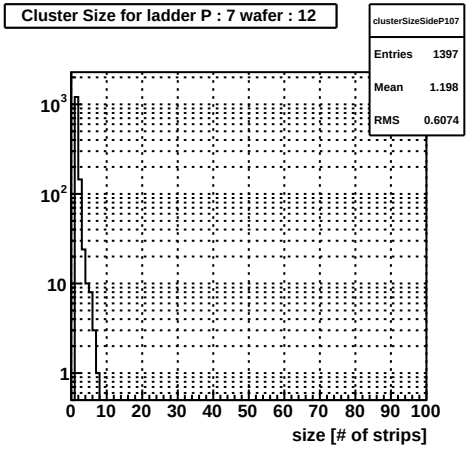

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 303
Mean 1.205
RMS 0.5725
size [# of strips]

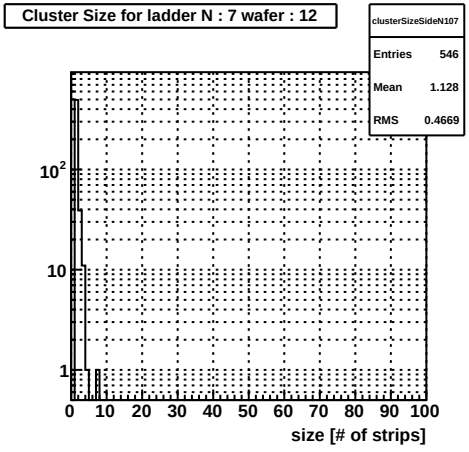

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 20698
Mean 1.397
RMS 0.4989
size [# of strips]

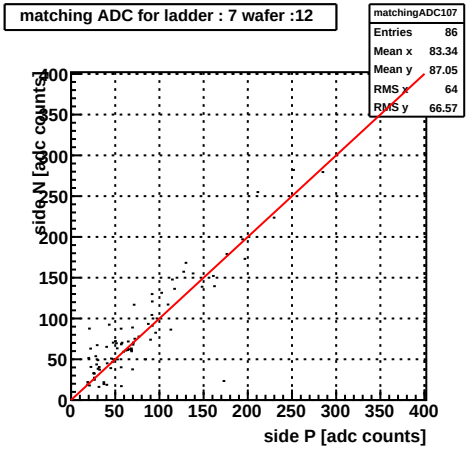

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

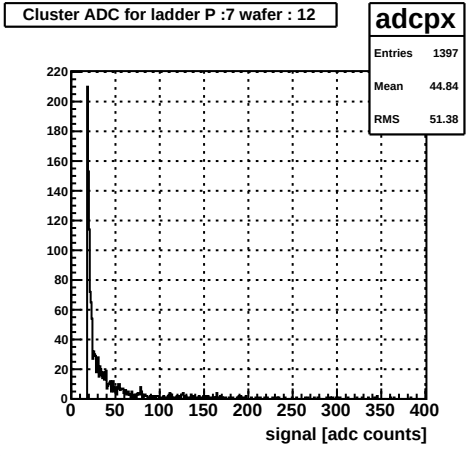

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 303
Mean 40.3
RMS 45.56
signal [adc counts]

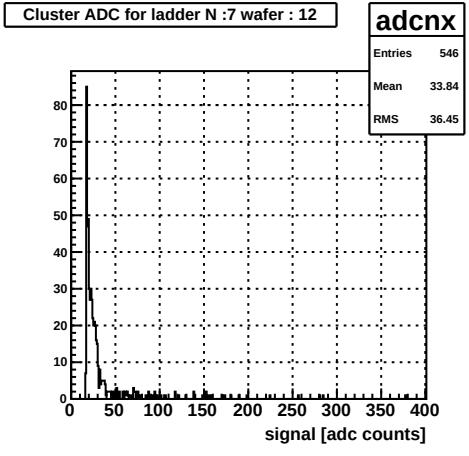

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 20698
Mean 21.86
RMS 6.024
signal [adc counts]

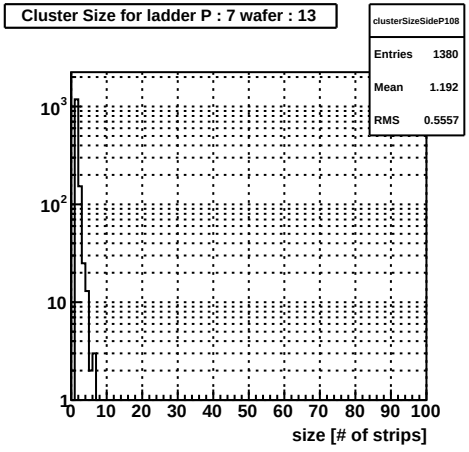

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 1397
Mean 1.198
RMS 0.6074
size [# of strips]

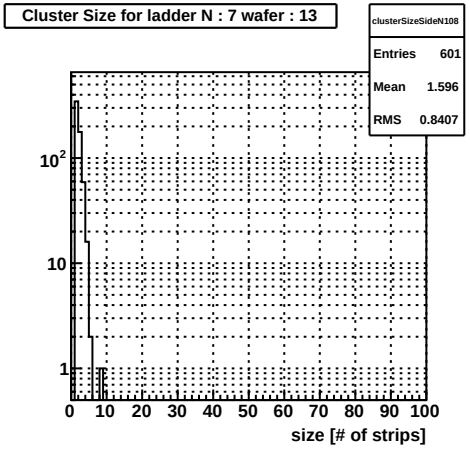

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 546
Mean 1.128
RMS 0.4669
size [# of strips]

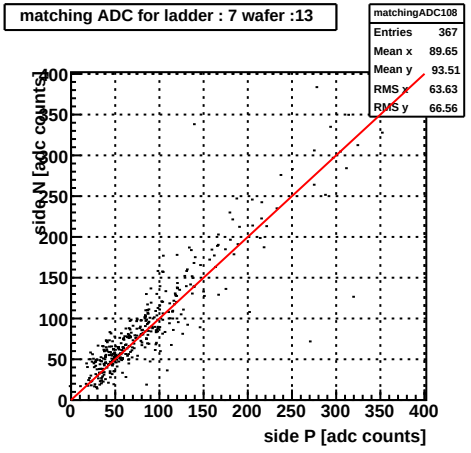

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 86
Mean x 83.34
Mean y 87.05
RMS x 64
RMS y 66.57
side N [adc counts]
side P [adc counts]

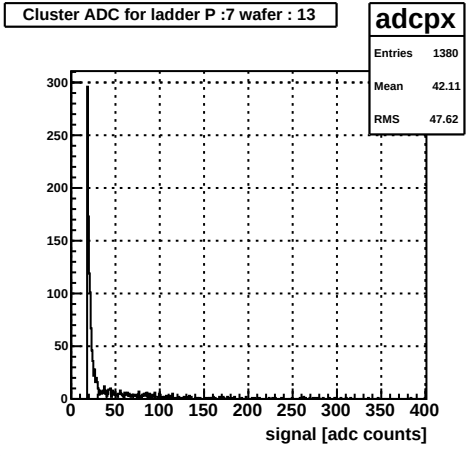

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 1397
Mean 44.84
RMS 51.38
signal [adc counts]

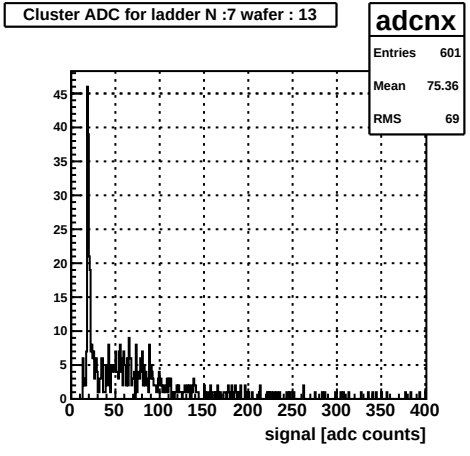

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 546
Mean 33.84
RMS 36.45
signal [adc counts]

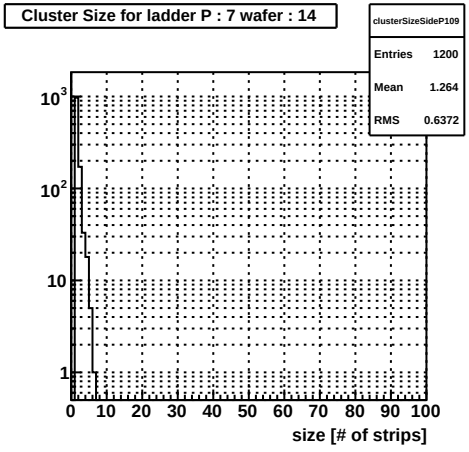

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 1380
Mean 1.192
RMS 0.5557
size [# of strips]

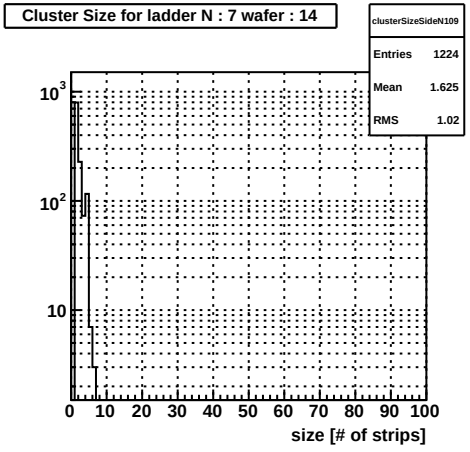

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 601
Mean 1.596
RMS 0.8407
size [# of strips]

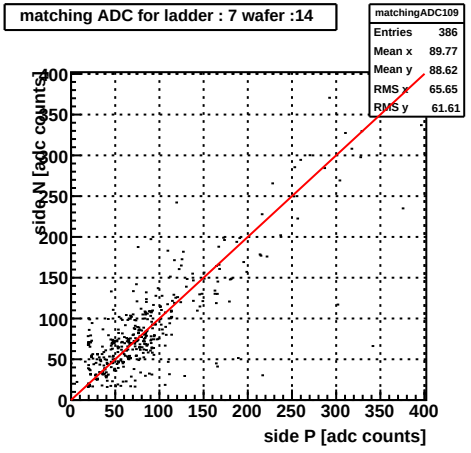

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 367
Mean x 89.65
Mean y 93.51
RMS x 63.63
RMS y 66.56
side N [adc counts]
side P [adc counts]

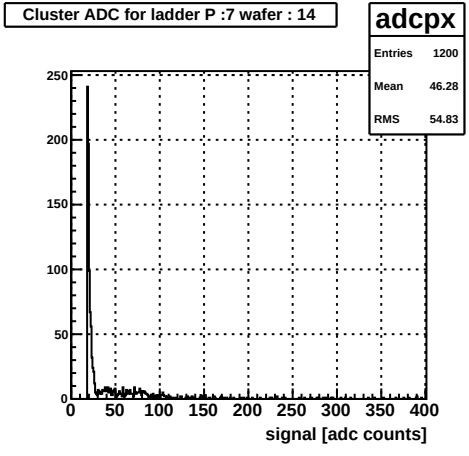

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 1380
Mean 42.11
RMS 47.62
signal [adc counts]

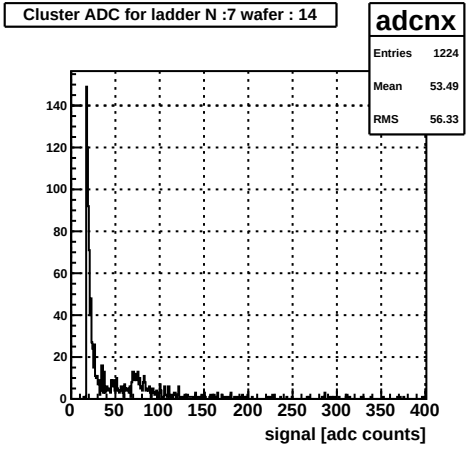

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 601
Mean 75.36
RMS 69
signal [adc counts]

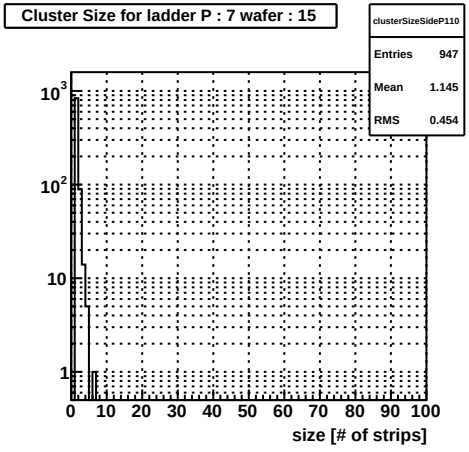

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 1200
Mean 1.264
RMS 0.6372
size [# of strips]

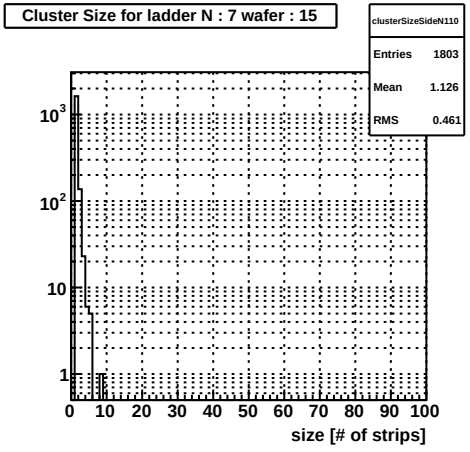

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 1224
Mean 1.625
RMS 1.02
size [# of strips]

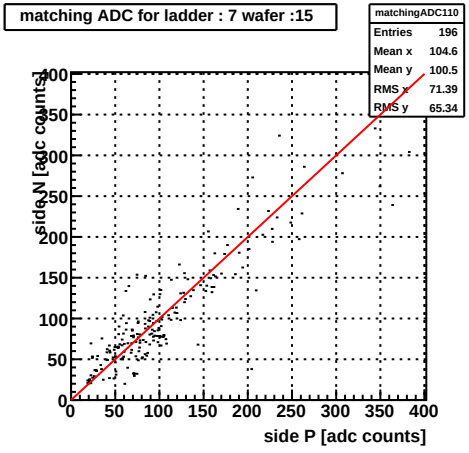

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 386
Mean x 89.77
Mean y 88.62
RMS x 65.65
RMS y 61.61
side N [adc counts]
side P [adc counts]

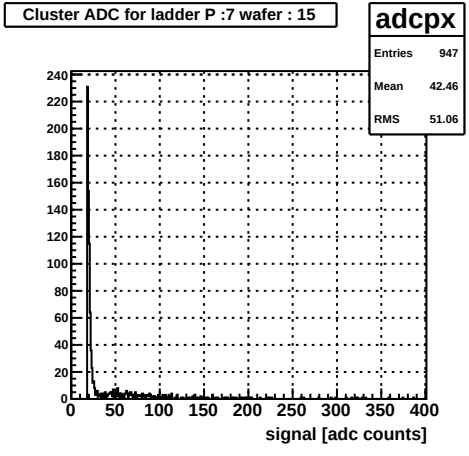

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 1200
Mean 46.28
RMS 54.83
signal [adc counts]

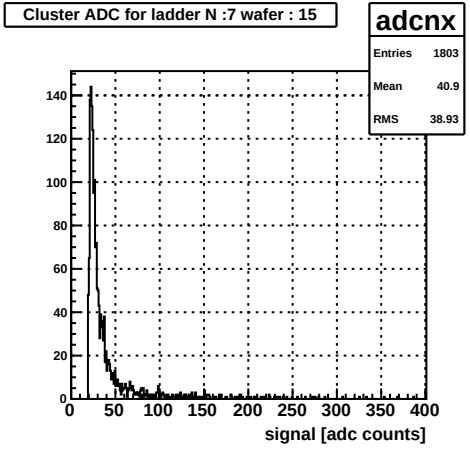

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 1224
Mean 53.49
RMS 56.33
signal [adc counts]

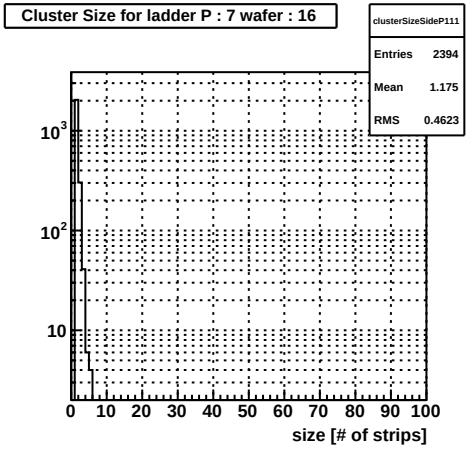

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 947
Mean 1.145
RMS 0.454
size [# of strips]

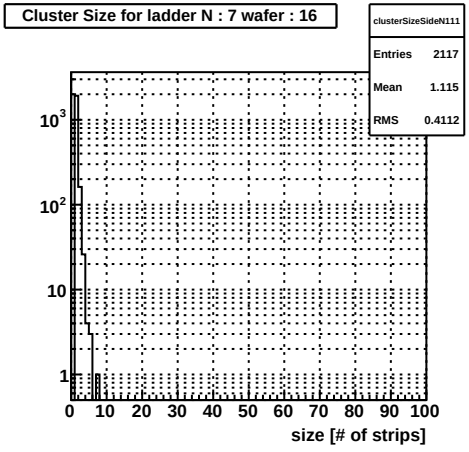

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 1803
Mean 1.126
RMS 0.461
size [# of strips]

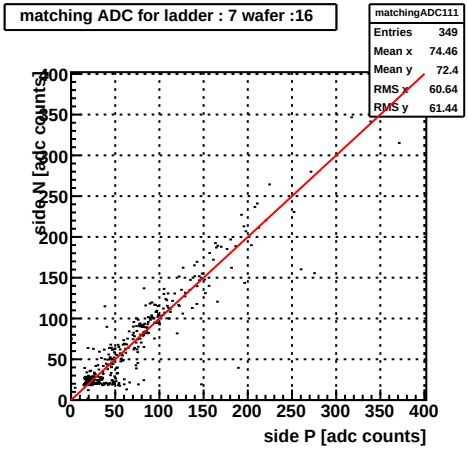

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 196
Mean x 104.6
Mean y 100.5
RMS x 71.39
RMS y 65.34
side N [adc counts]
side P [adc counts]

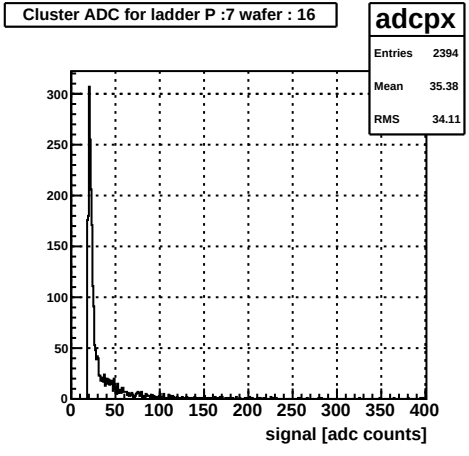

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 947
Mean 42.46
RMS 51.06
signal [adc counts]

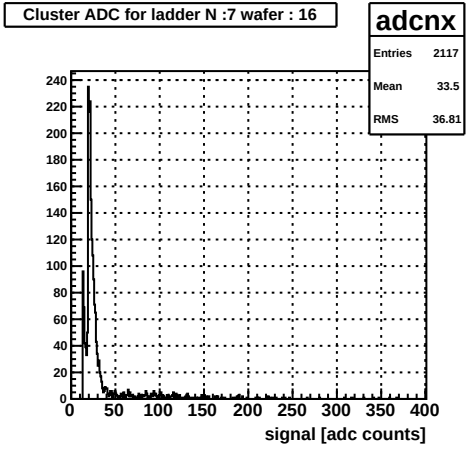

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 1803
Mean 40.9
RMS 38.93
signal [adc counts]

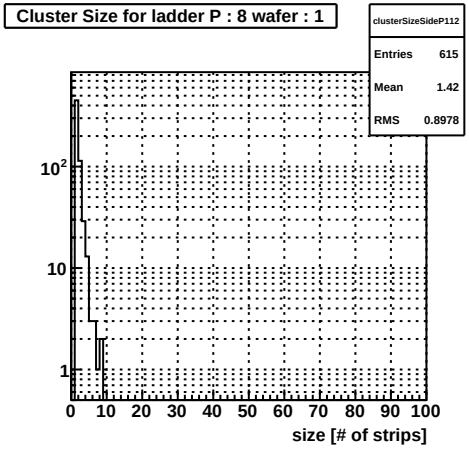

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 2394
Mean 1.175
RMS 0.4623
size [# of strips]

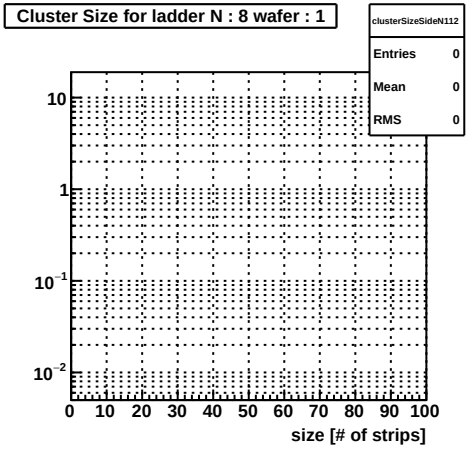

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 2117
Mean 1.115
RMS 0.4112
size [# of strips]

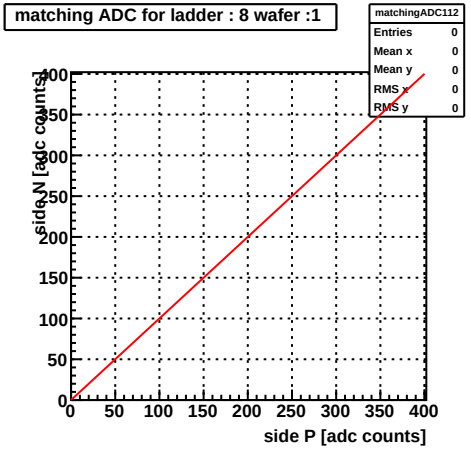

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 349
Mean x 74.46
Mean y 72.4
RMS x 60.64
RMS y 61.44
side N [adc counts]
side P [adc counts]

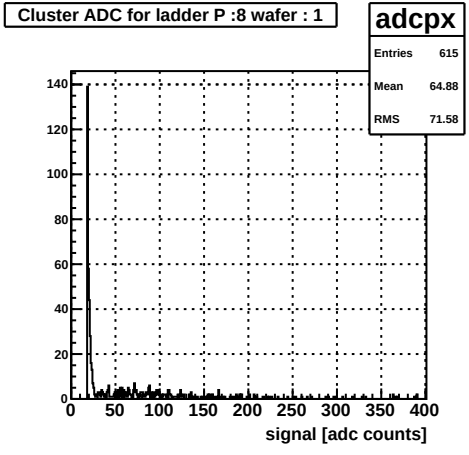

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 2394
Mean 35.38
RMS 34.11
signal [adc counts]

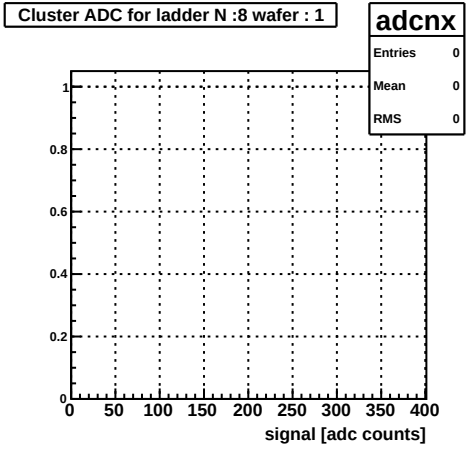

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 2117
Mean 33.5
RMS 36.81
signal [adc counts]

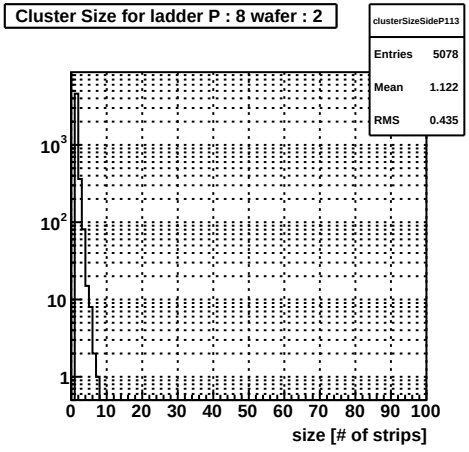

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 615
Mean 1.42
RMS 0.8978
size [# of strips]

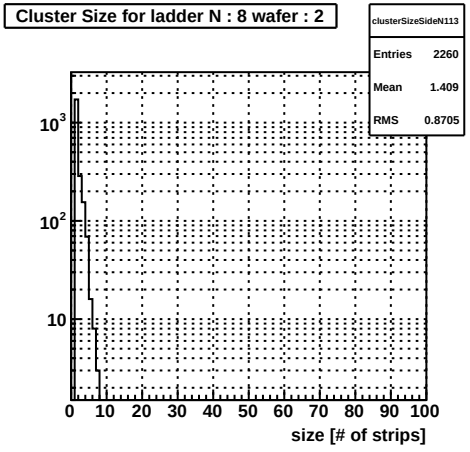

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

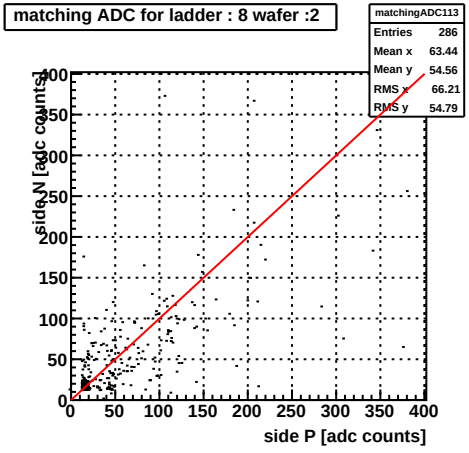

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

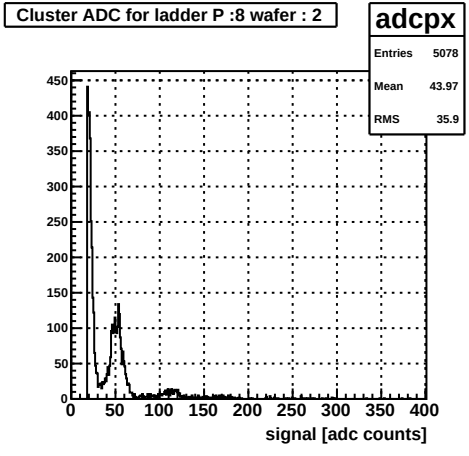

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 615
Mean 64.88
RMS 71.58
signal [adc counts]

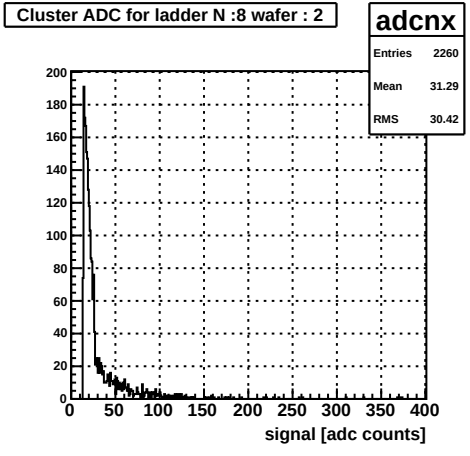

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

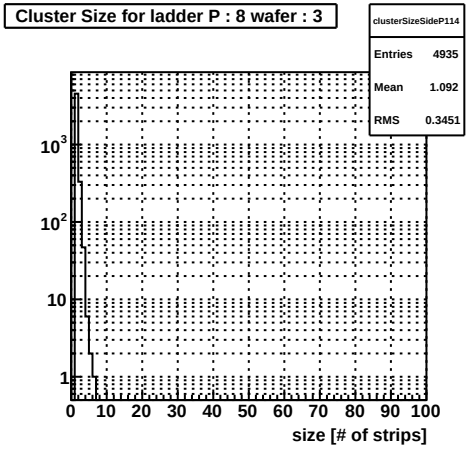

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 5078
Mean 1.122
RMS 0.435
size [# of strips]

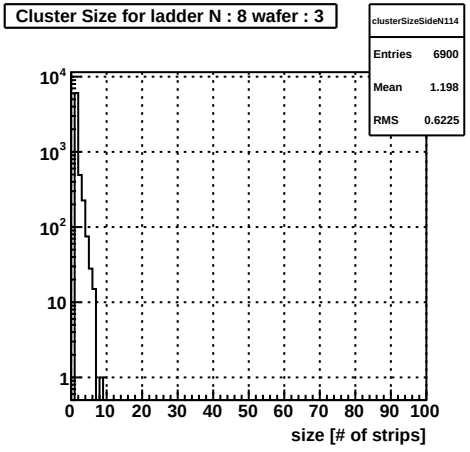

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 2260
Mean 1.409
RMS 0.8705
size [# of strips]

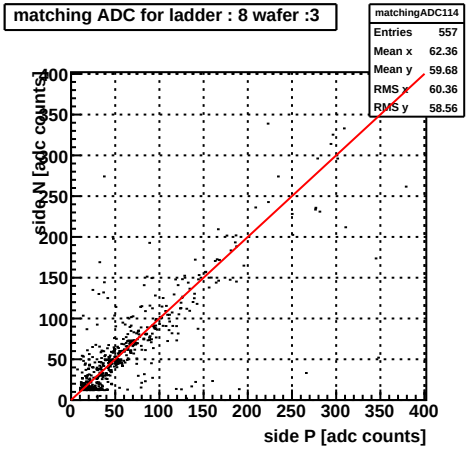

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 286
Mean x 63.44
Mean y 54.56
RMS x 66.21
RMS y 54.79
side N [adc counts]
side P [adc counts]

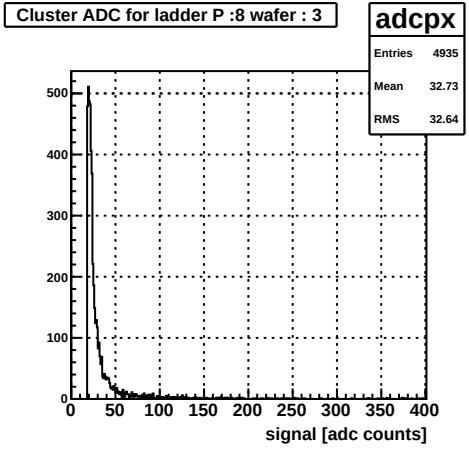

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 5078
Mean 43.97
RMS 35.9
signal [adc counts]

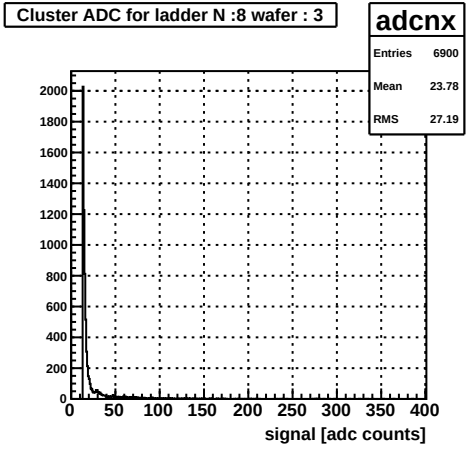

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 2260
Mean 31.29
RMS 30.42
signal [adc counts]

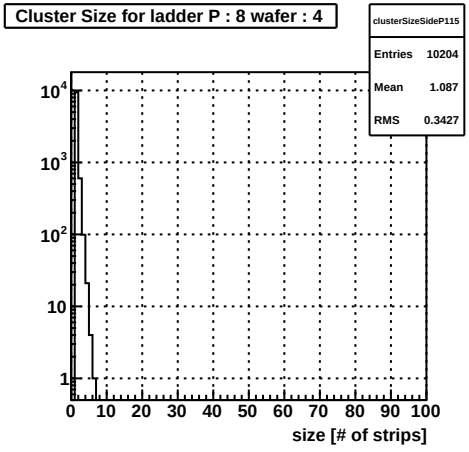

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 4935
Mean 1.092
RMS 0.3451
size [# of strips]

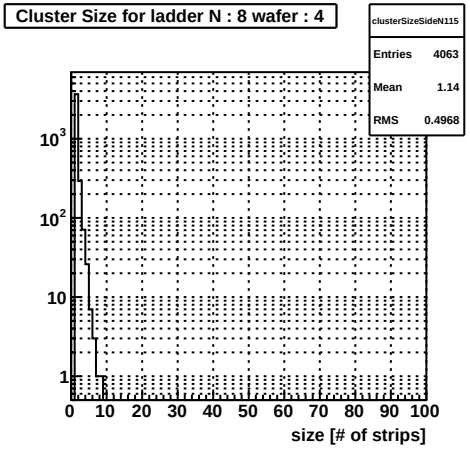

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 6900
Mean 1.198
RMS 0.6225
size [# of strips]

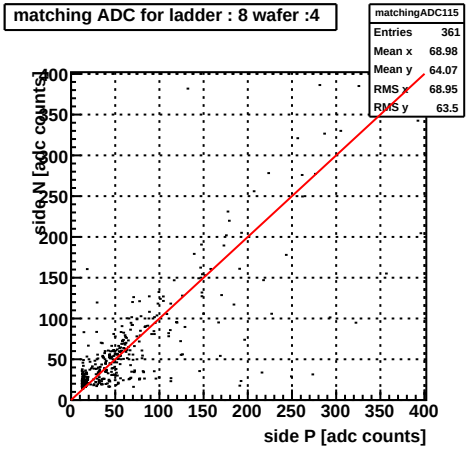

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 557
Mean x 62.36
Mean y 59.68
RMS x 60.36
RMS y 58.56
side N [adc counts]
side P [adc counts]

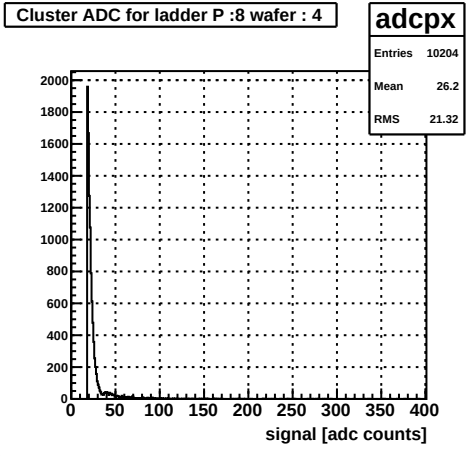

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 4935
Mean 32.73
RMS 32.64
signal [adc counts]

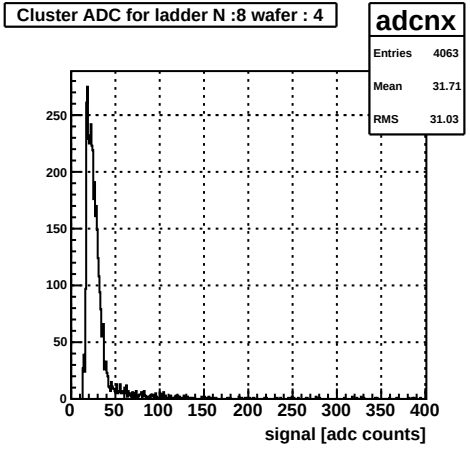

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 6900
Mean 23.78
RMS 27.19
signal [adc counts]

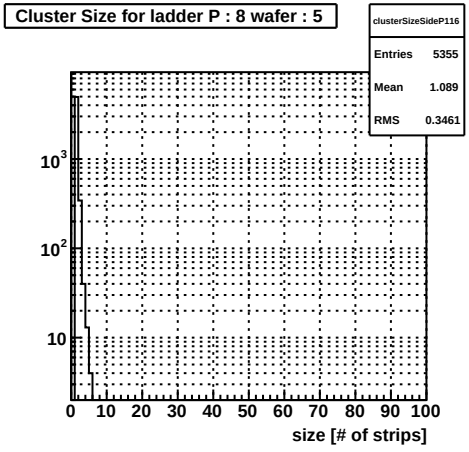

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 10204
Mean 1.087
RMS 0.3427
size [# of strips]

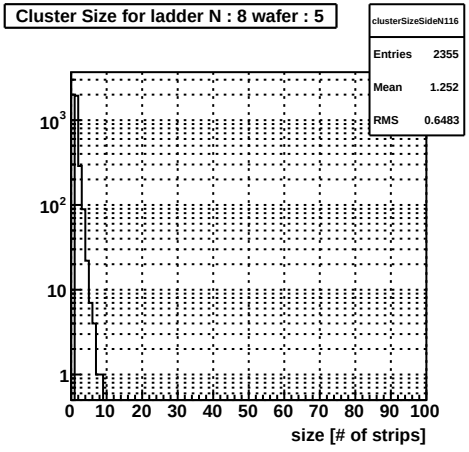

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 4063
Mean 1.14
RMS 0.4968
size [# of strips]

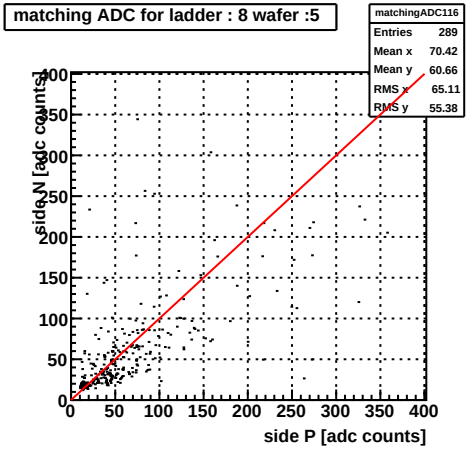

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 361
Mean x 68.98
Mean y 64.07
RMS x 68.95
RMS y 63.5
side N [adc counts]
side P [adc counts]

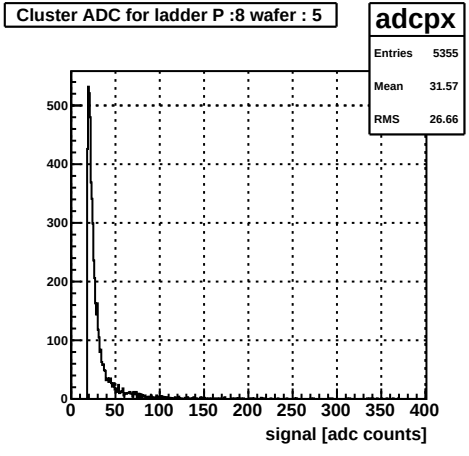

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 10204
Mean 26.2
RMS 21.32
signal [adc counts]

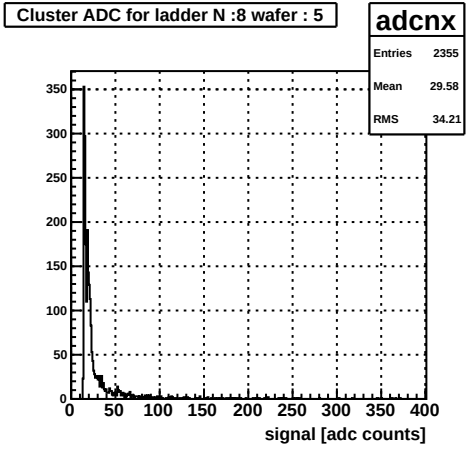

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 4063
Mean 31.71
RMS 31.03
signal [adc counts]

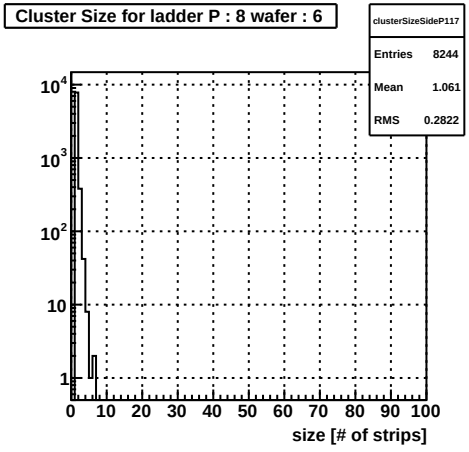

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 5355
Mean 1.089
RMS 0.3461
size [# of strips]

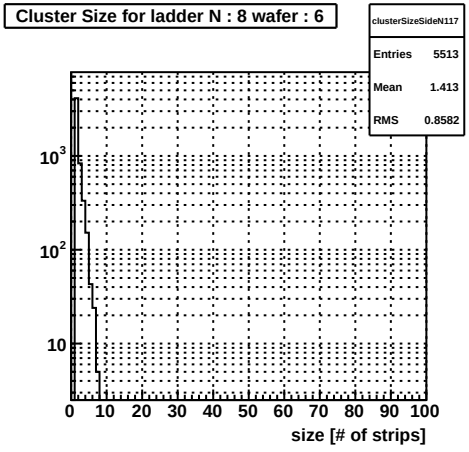

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 2355
Mean 1.252
RMS 0.6483
size [# of strips]

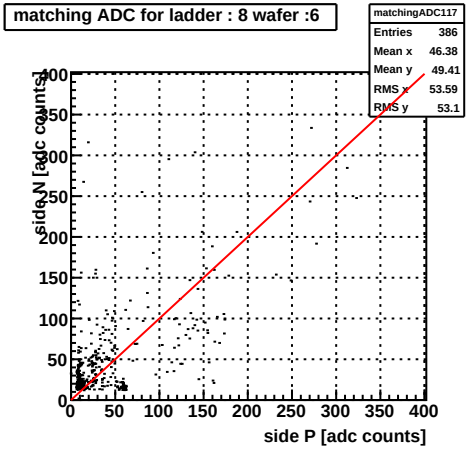

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 289
Mean x 70.42
Mean y 60.66
RMS x 65.11
RMS y 55.38
side N [adc counts]
side P [adc counts]

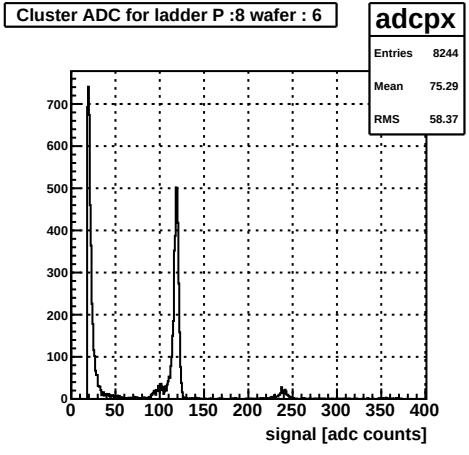

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 5355
Mean 31.57
RMS 26.66
signal [adc counts]

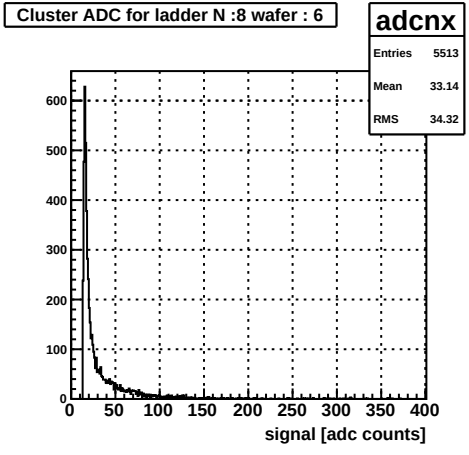

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 2355
Mean 29.58
RMS 34.21
signal [adc counts]

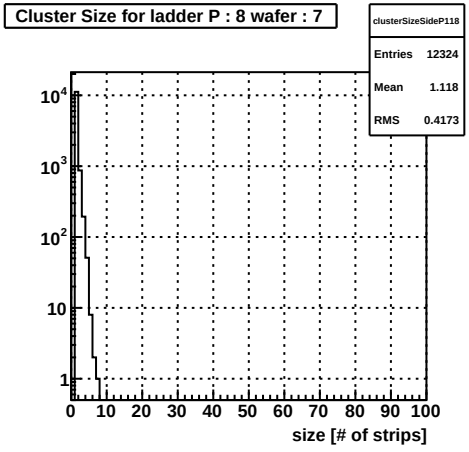

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 8244
Mean 1.061
RMS 0.2822
size [# of strips]

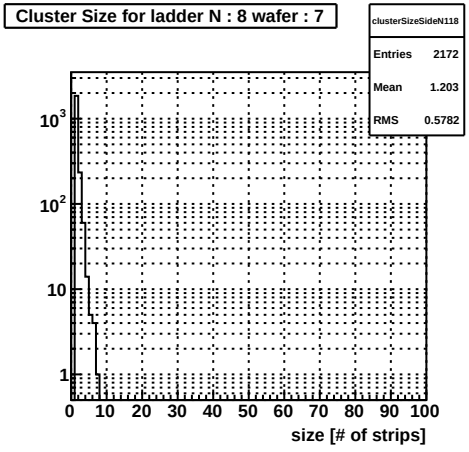

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 5513
Mean 1.413
RMS 0.8582
size [# of strips]

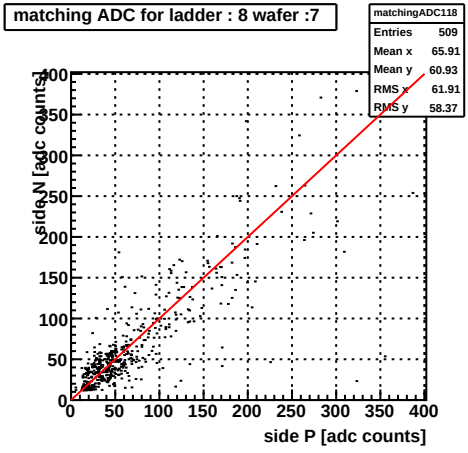

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 386
Mean x 46.38
Mean y 49.41
RMS x 53.59
RMS y 53.1
side N [adc counts]
side P [adc counts]

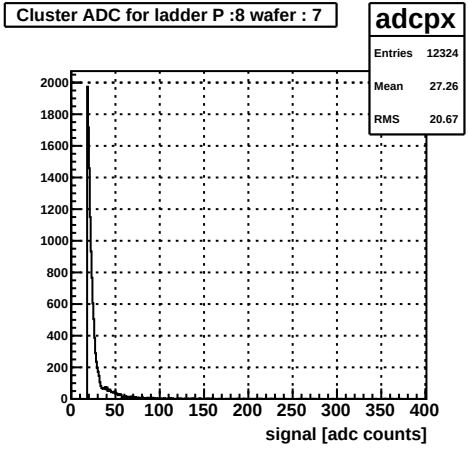

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 8244
Mean 75.29
RMS 58.37
signal [adc counts]

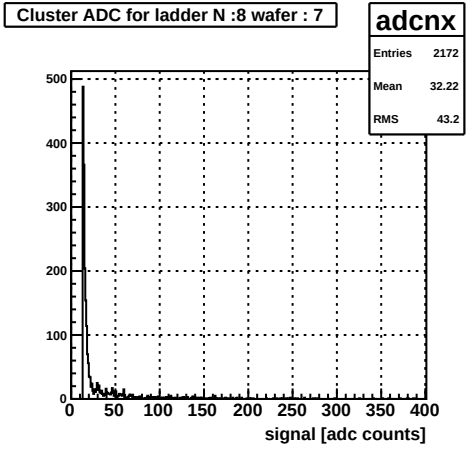

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 5513
Mean 33.14
RMS 34.32
signal [adc counts]

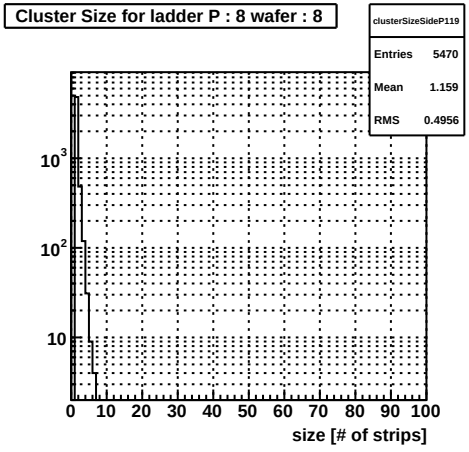

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 12324
Mean 1.118
RMS 0.4173
size [# of strips]

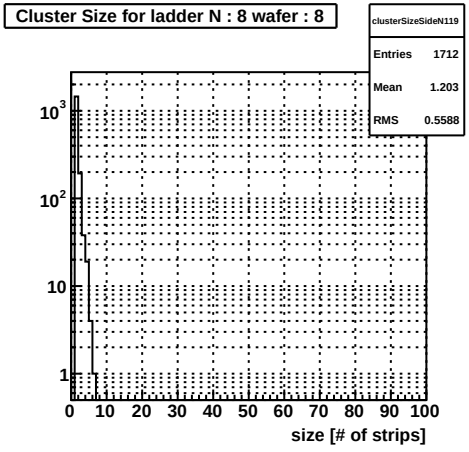

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 2172
Mean 1.203
RMS 0.5782
size [# of strips]

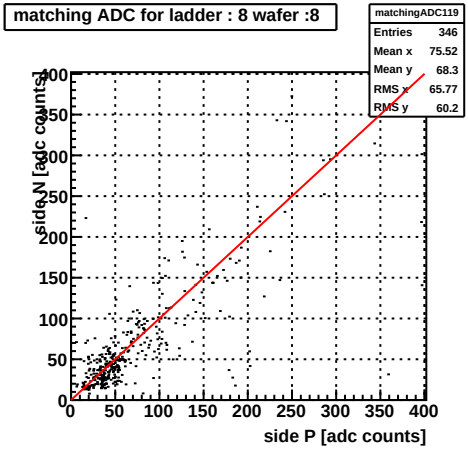

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 509
Mean x 65.91
Mean y 60.93
RMS x 61.91
RMS y 58.37
side N [adc counts]
side P [adc counts]

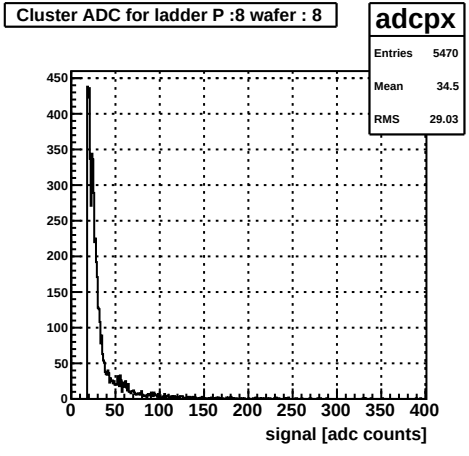

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 12324
Mean 27.26
RMS 20.67
signal [adc counts]

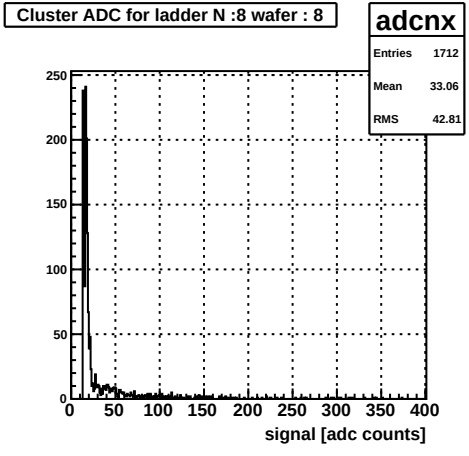

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 2172
Mean 32.22
RMS 43.2
signal [adc counts]

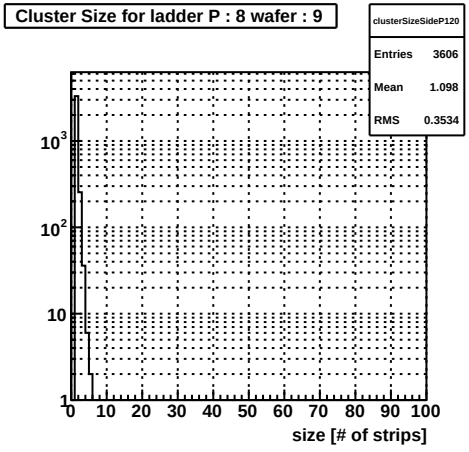

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 5470
Mean 1.159
RMS 0.4956
size [# of strips]

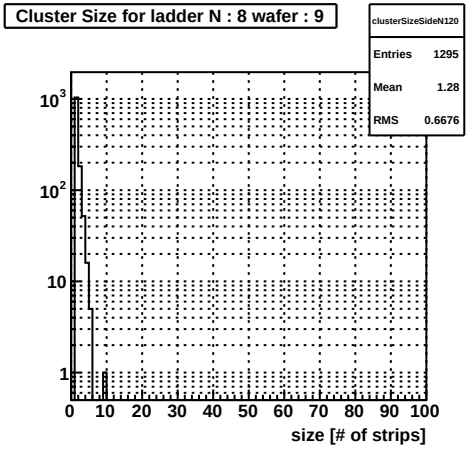

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 1712
Mean 1.203
RMS 0.5588
size [# of strips]

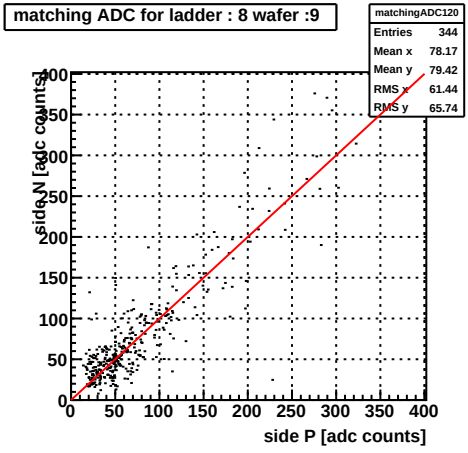

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 346
Mean x 75.52
Mean y 68.3
RMS x 65.77
RMS y 60.2
side N [adc counts]
side P [adc counts]

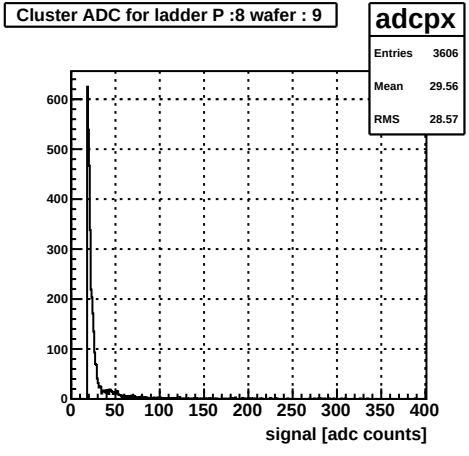

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 5470
Mean 34.5
RMS 29.03
signal [adc counts]

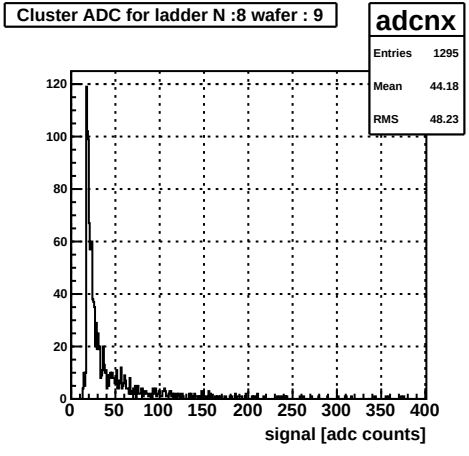

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 1712
Mean 33.06
RMS 42.81
signal [adc counts]

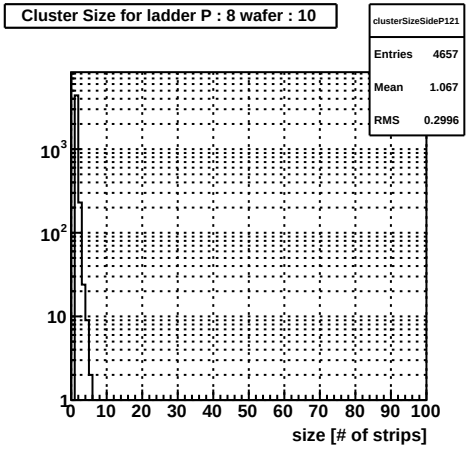

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 3606
Mean 1.098
RMS 0.3534
size [# of strips]

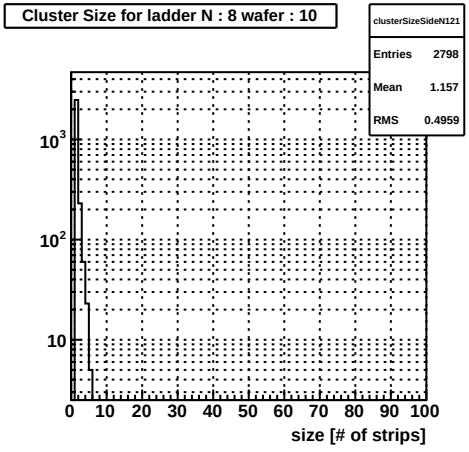

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 1295
Mean 1.28
RMS 0.6676
size [# of strips]

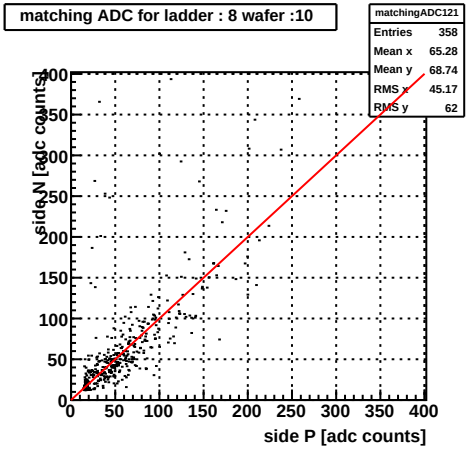

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 344
Mean x 78.17
Mean y 79.42
RMS x 61.44
RMS y 65.74
side N [adc counts]
side P [adc counts]

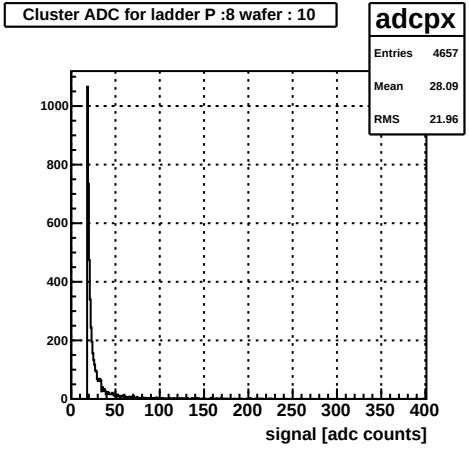

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 3606
Mean 29.56
RMS 28.57
signal [adc counts]

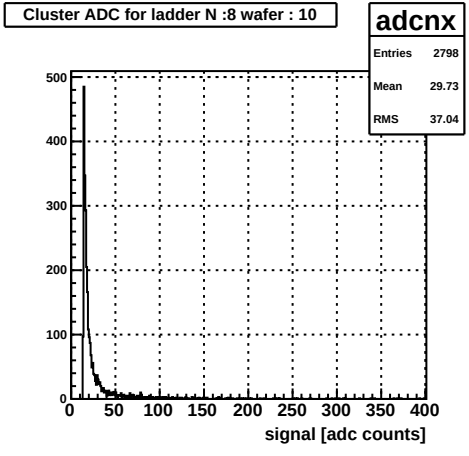

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 1295
Mean 44.18
RMS 48.23
signal [adc counts]

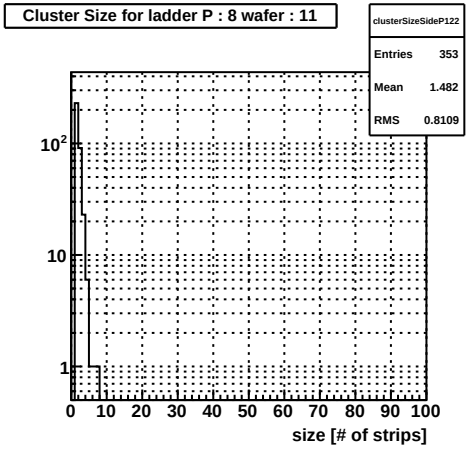

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 4657
Mean 1.067
RMS 0.2996
size [# of strips]

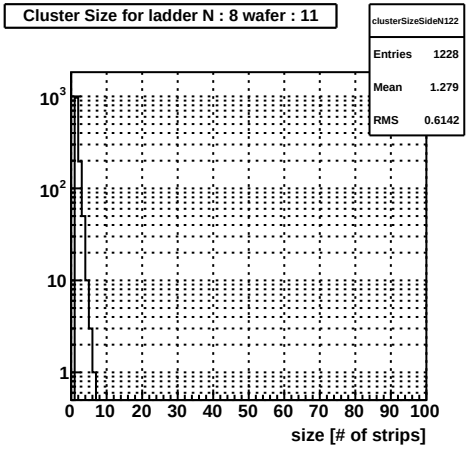

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 2798
Mean 1.157
RMS 0.4959
size [# of strips]

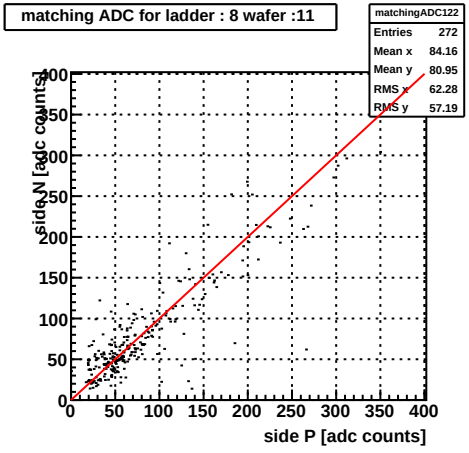

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 358
Mean x 65.28
Mean y 68.74
RMS x 45.17
RMS y 62
side N [adc counts]
side P [adc counts]

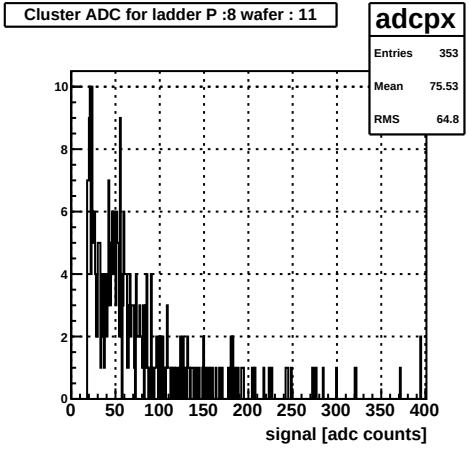

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 4657
Mean 28.09
RMS 21.96
signal [adc counts]

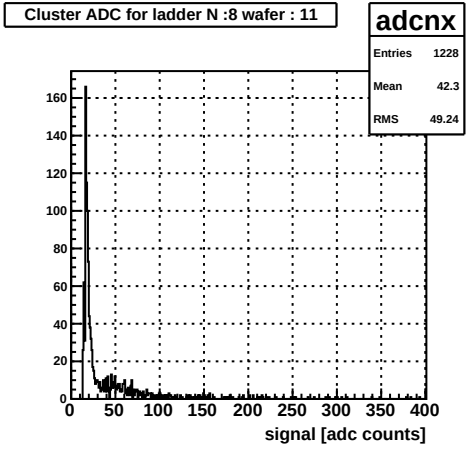

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 2798
Mean 29.73
RMS 37.04
signal [adc counts]

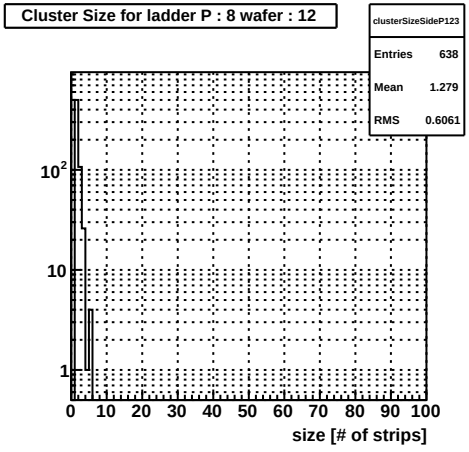

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 353
Mean 1.482
RMS 0.8109
size [# of strips]

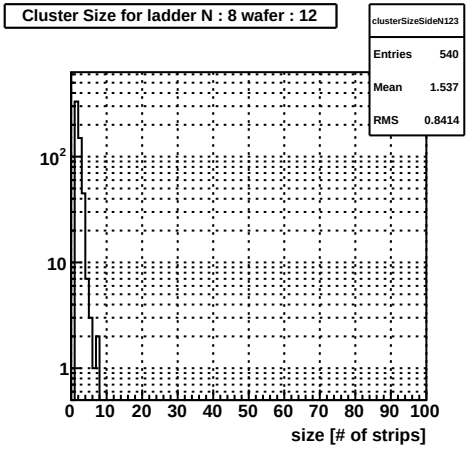

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 1228
Mean 1.279
RMS 0.6142
size [# of strips]

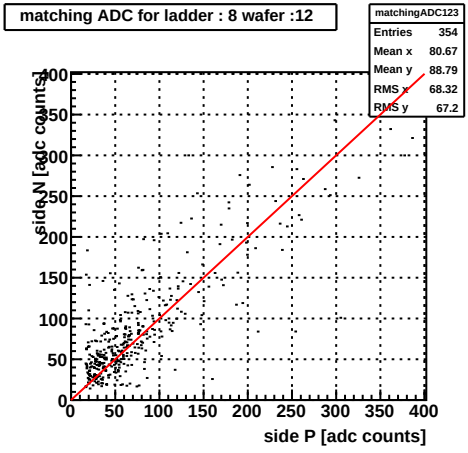

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 272
Mean x 84.16
Mean y 80.95
RMS x 62.28
RMS y 57.19
side N [adc counts]
side P [adc counts]

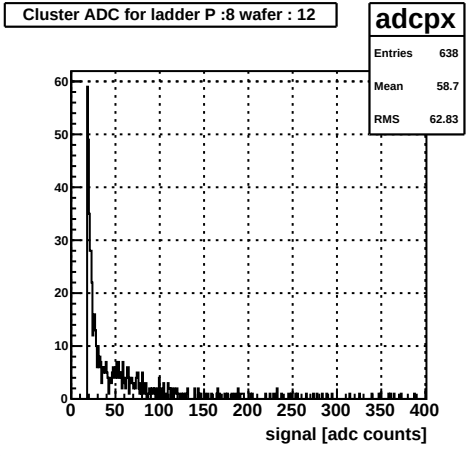

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 353
Mean 75.53
RMS 64.8
signal [adc counts]

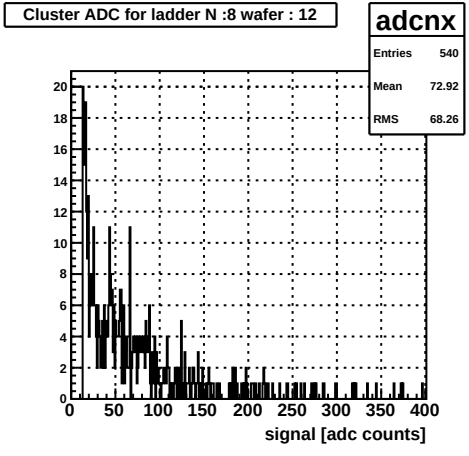

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 1228
Mean 42.3
RMS 49.24
signal [adc counts]

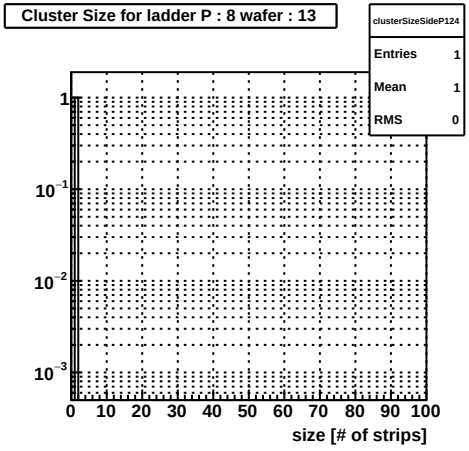

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 638
Mean 1.279
RMS 0.6061
size [# of strips]

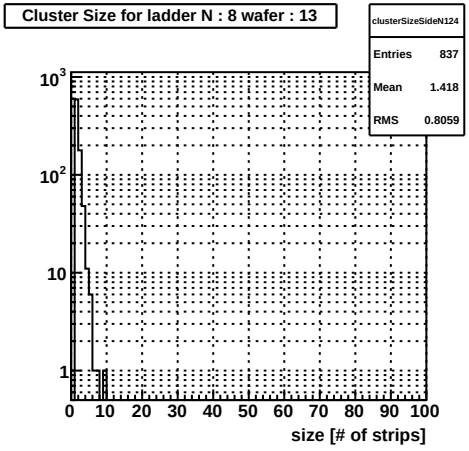

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 540
Mean 1.537
RMS 0.8414
size [# of strips]

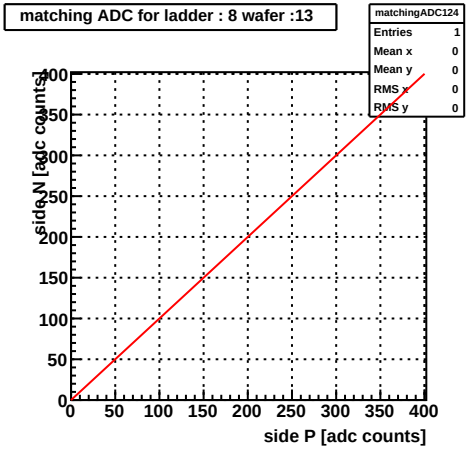

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 354
Mean x 80.67
Mean y 88.79
RMS x 68.32
RMS y 67.2
side N [adc counts]
side P [adc counts]

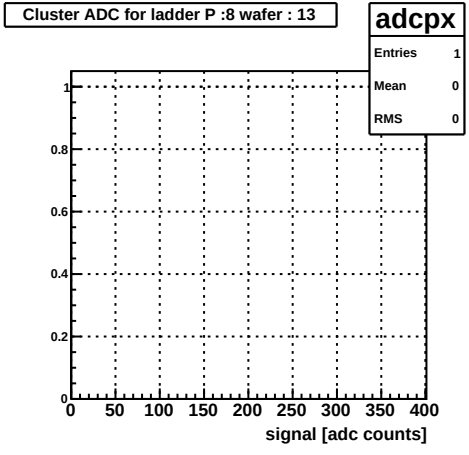

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 638
Mean 58.7
RMS 62.83
signal [adc counts]

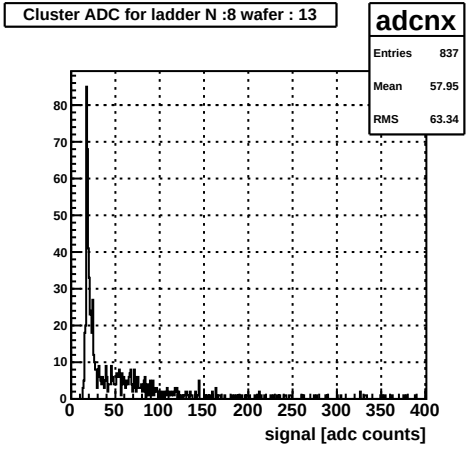

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 540
Mean 72.92
RMS 68.26
signal [adc counts]

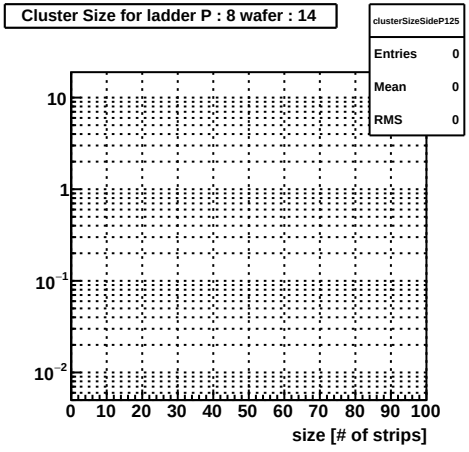

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 1
Mean 1
RMS 0
size [# of strips]

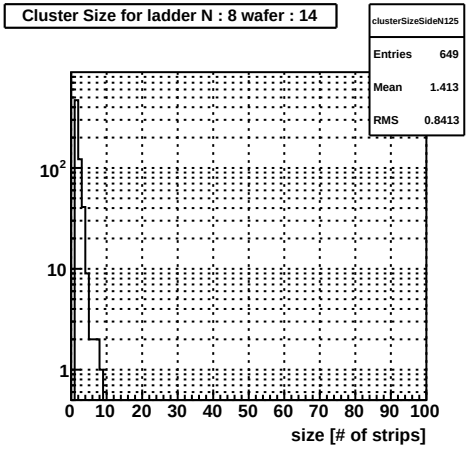

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 837
Mean 1.418
RMS 0.8059
size [# of strips]

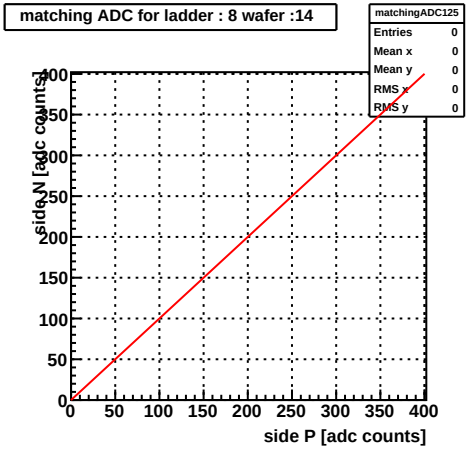

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

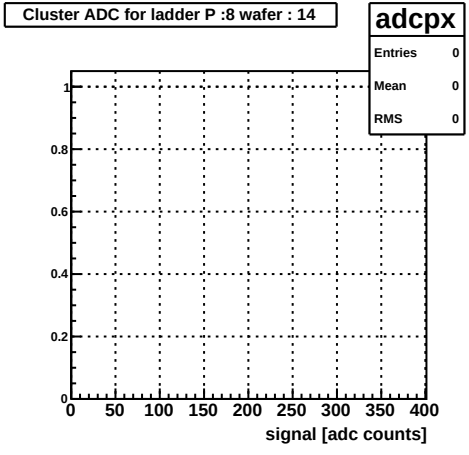

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

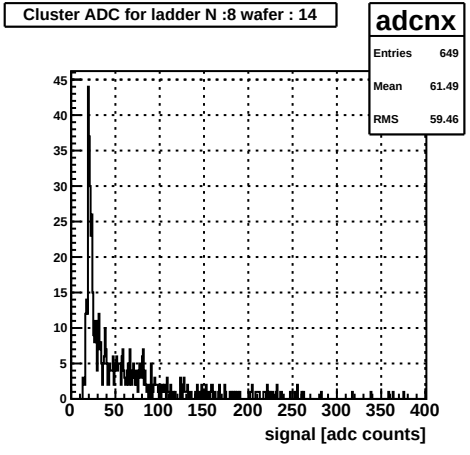

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 837
Mean 57.95
RMS 63.34
signal [adc counts]

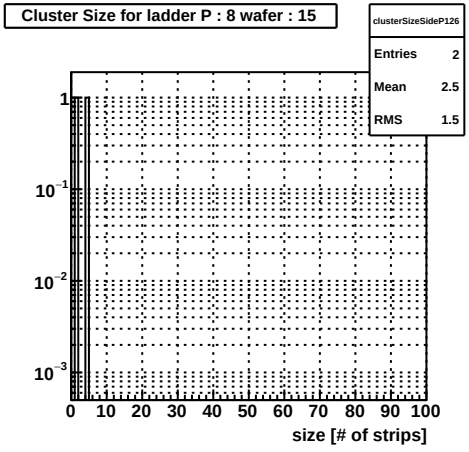

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

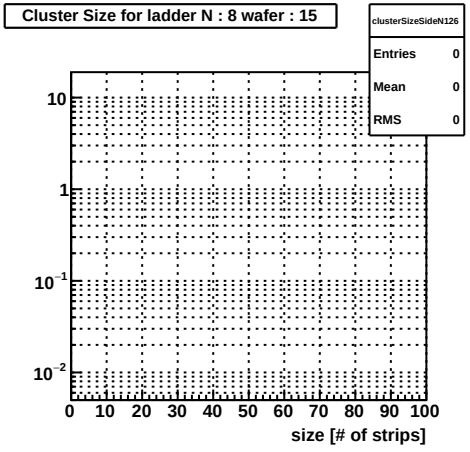

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 649
Mean 1.413
RMS 0.8413
size [# of strips]

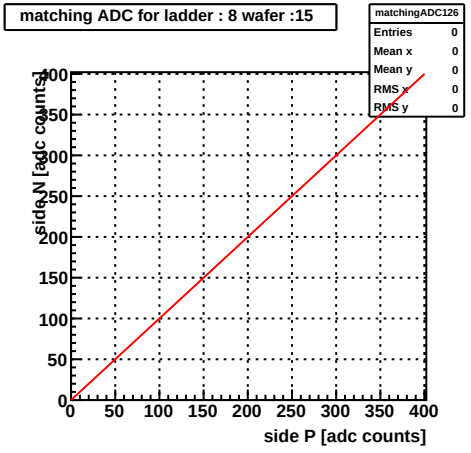

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

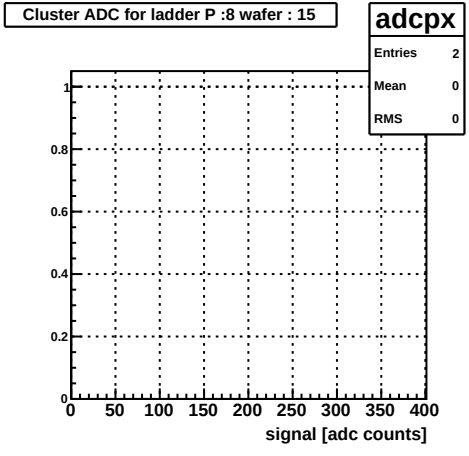

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

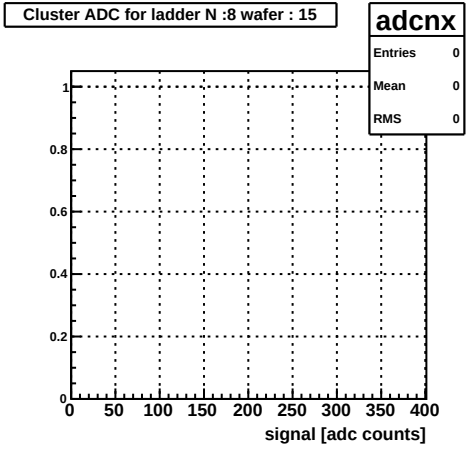

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 649
Mean 61.49
RMS 59.46
signal [adc counts]

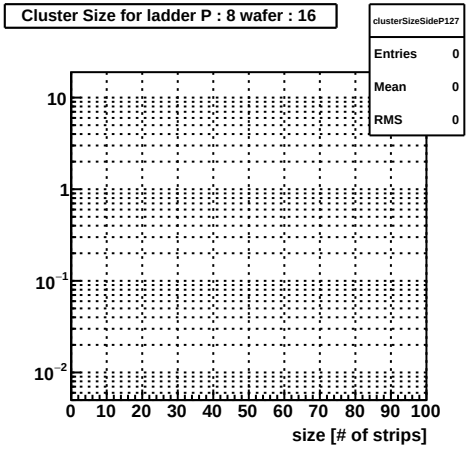

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 2
Mean 2.5
RMS 1.5
size [# of strips]

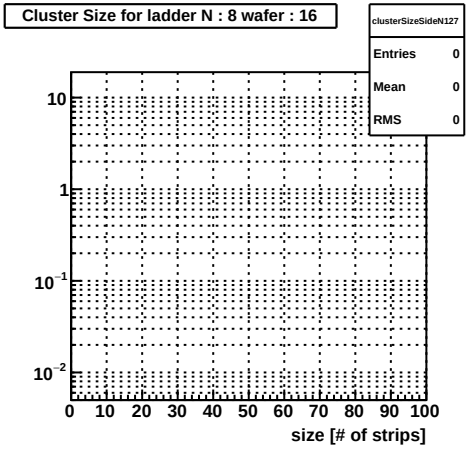

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

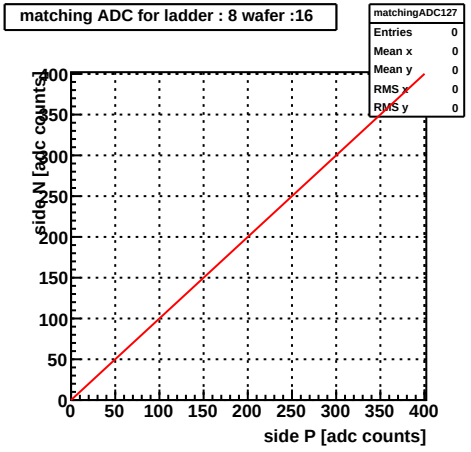

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

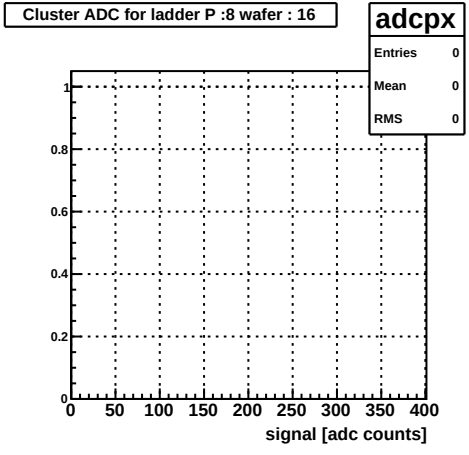

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

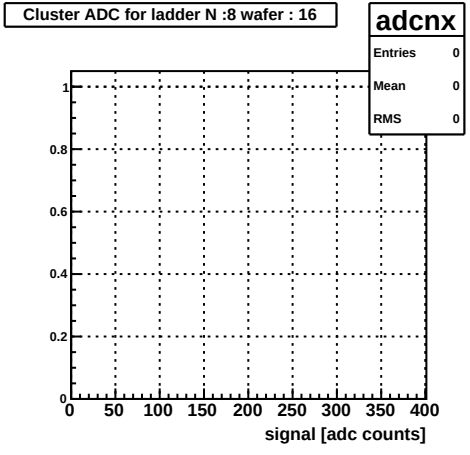

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

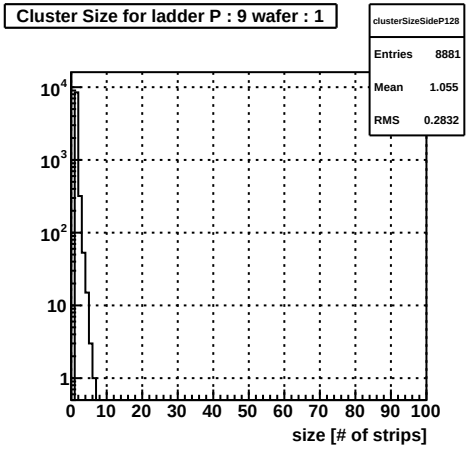

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

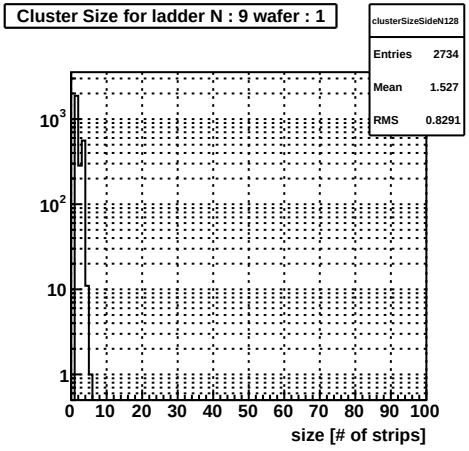

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

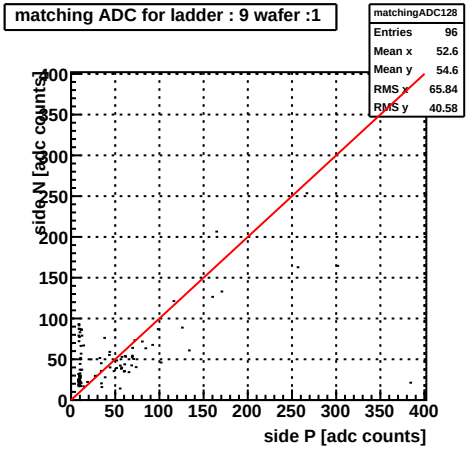

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

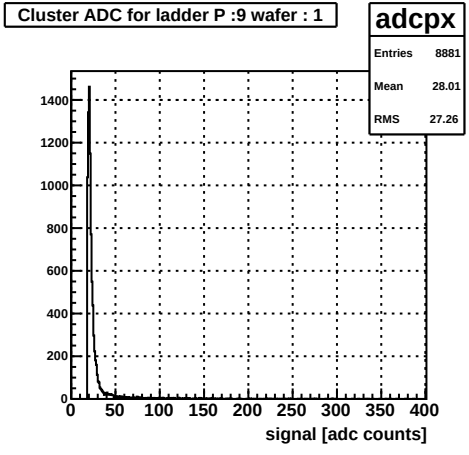

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

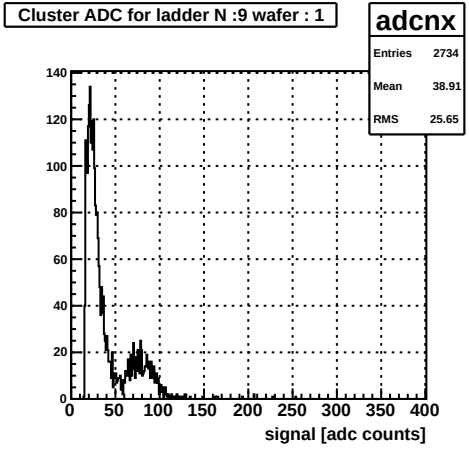

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

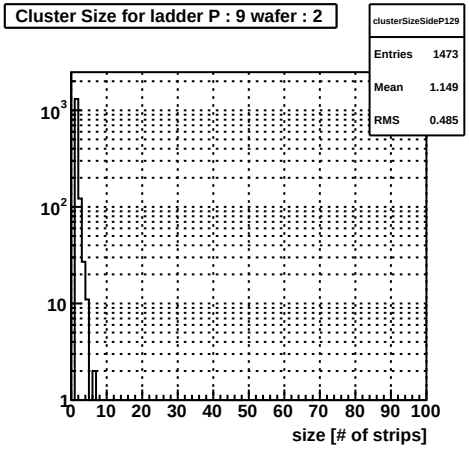

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 8881
Mean 1.055
RMS 0.2832
size [# of strips]

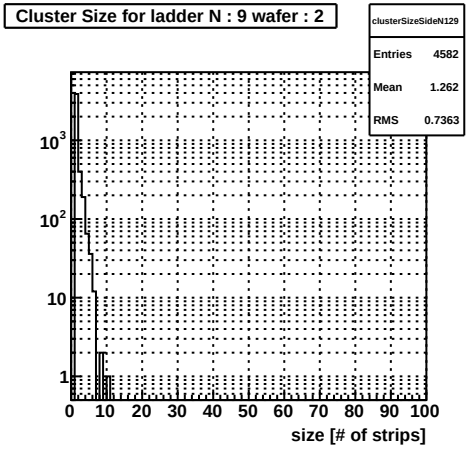

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 2734
Mean 1.527
RMS 0.8291
size [# of strips]

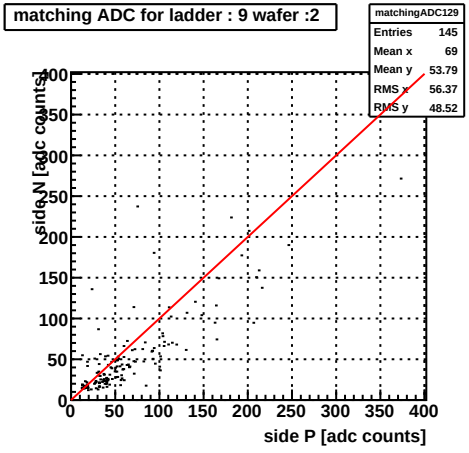

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 96
Mean x 52.6
Mean y 54.6
RMS x 65.84
RMS y 40.58
side N [adc counts]
side P [adc counts]

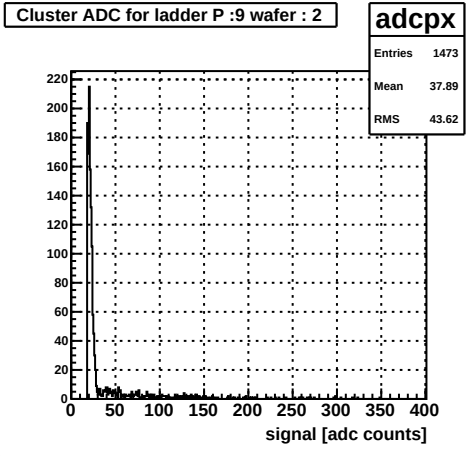

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 8881
Mean 28.01
RMS 27.26
signal [adc counts]

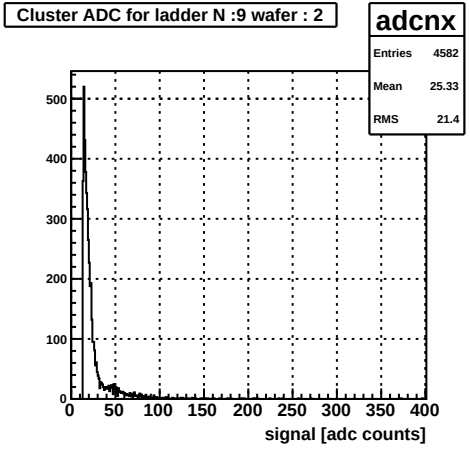

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 2734
Mean 38.91
RMS 25.65
signal [adc counts]

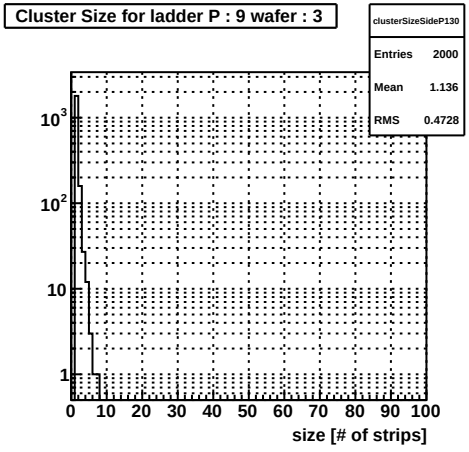

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 1473
Mean 1.149
RMS 0.485
size [# of strips]

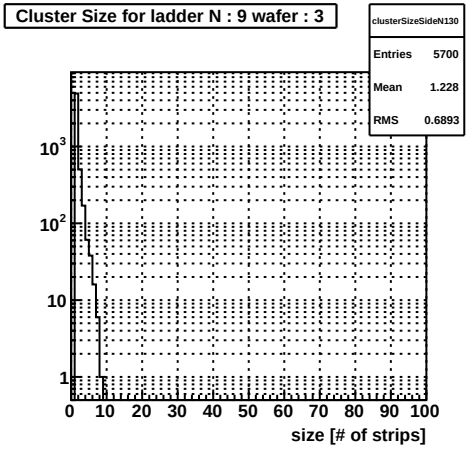

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 4582
Mean 1.262
RMS 0.7363
size [# of strips]

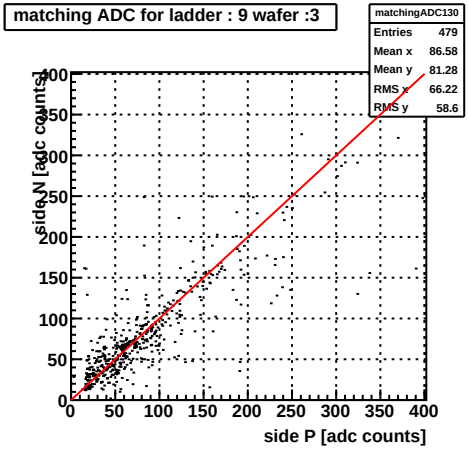

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 145
Mean x 69
Mean y 53.79
RMS x 56.37
RMS y 48.52
side N [adc counts]
side P [adc counts]

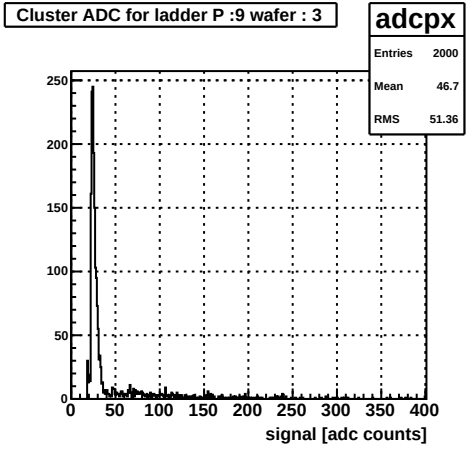

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 1473
Mean 37.89
RMS 43.62
signal [adc counts]

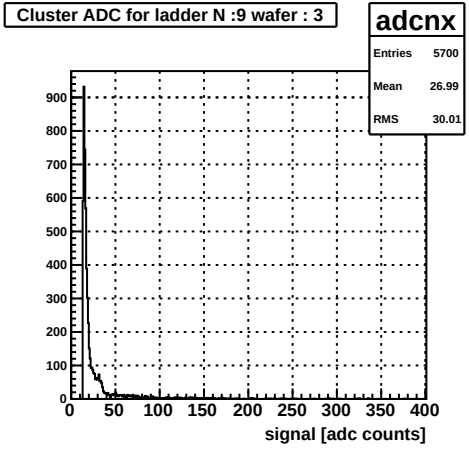

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 4582
Mean 25.33
RMS 21.4
signal [adc counts]

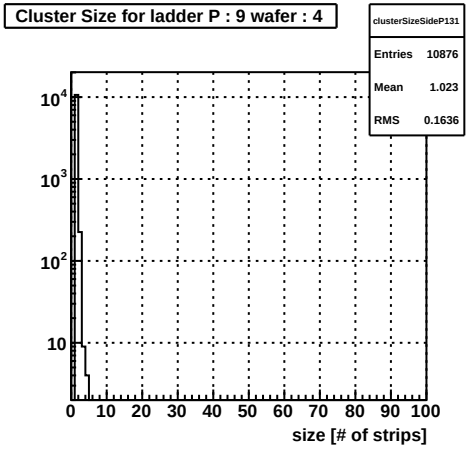

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 2000
Mean 1.136
RMS 0.4728
size [# of strips]

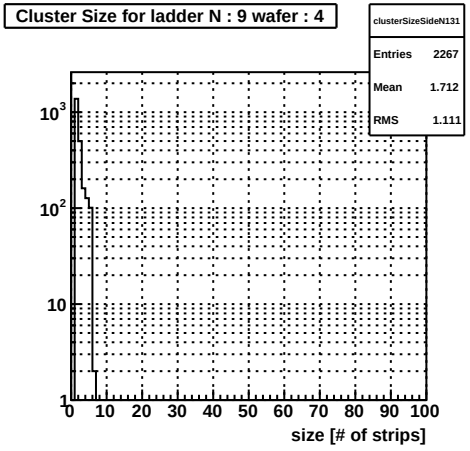

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 5700
Mean 1.228
RMS 0.6893
size [# of strips]

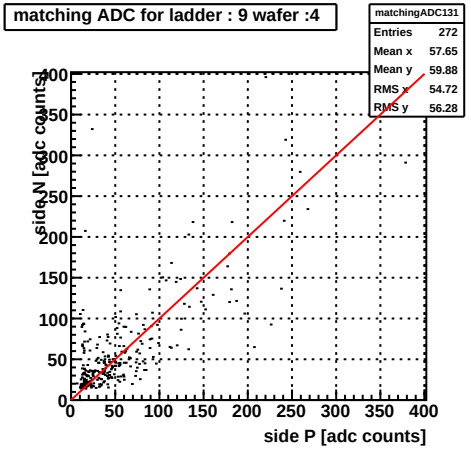

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 479
Mean x 86.58
Mean y 81.28
RMS x 66.22
RMS y 58.6
side N [adc counts]
side P [adc counts]

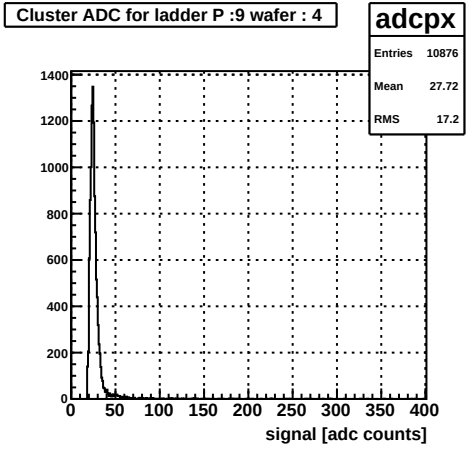

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 2000
Mean 46.7
RMS 51.36
signal [adc counts]

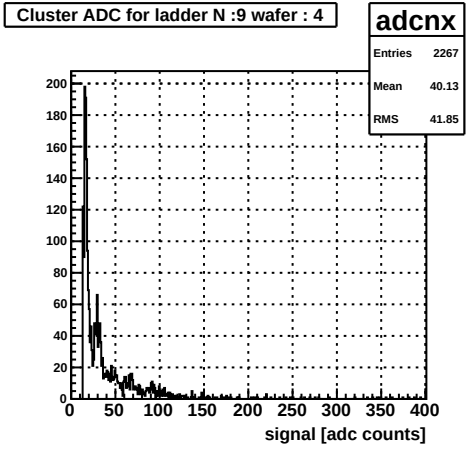

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 5700
Mean 26.99
RMS 30.01
signal [adc counts]

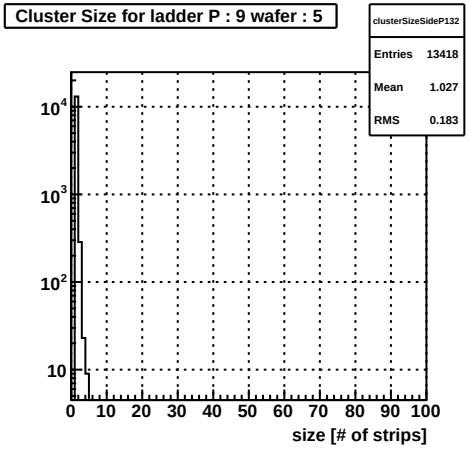

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 10876
Mean 1.023
RMS 0.1636
size [# of strips]

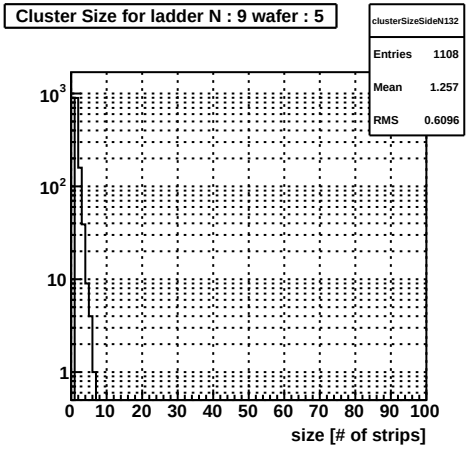

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 2267
Mean 1.712
RMS 1.111
size [# of strips]

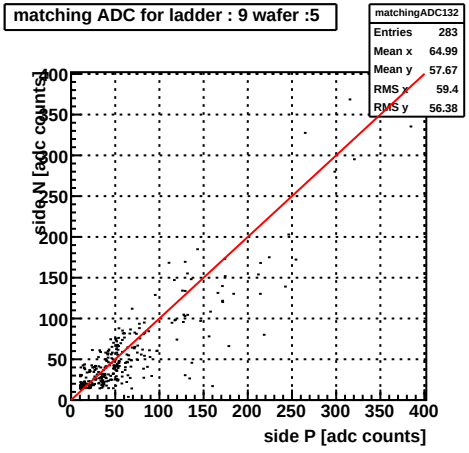

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 272
Mean x 57.65
Mean y 59.88
RMS x 54.72
RMS y 56.28
side N [adc counts]
side P [adc counts]

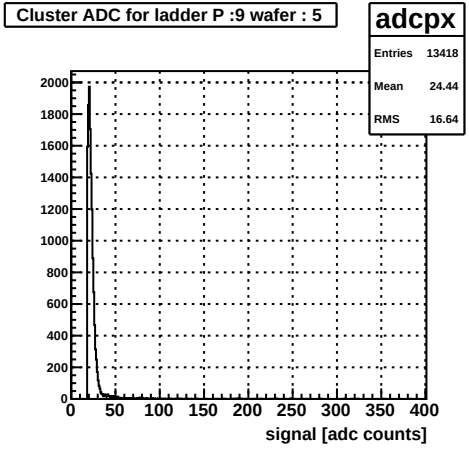

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 10876
Mean 27.72
RMS 17.2
signal [adc counts]

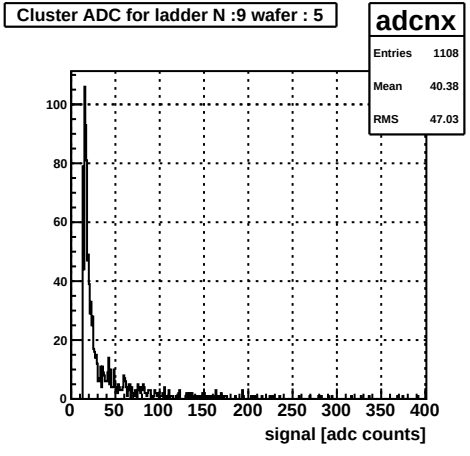

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 2267
Mean 40.13
RMS 41.85
signal [adc counts]

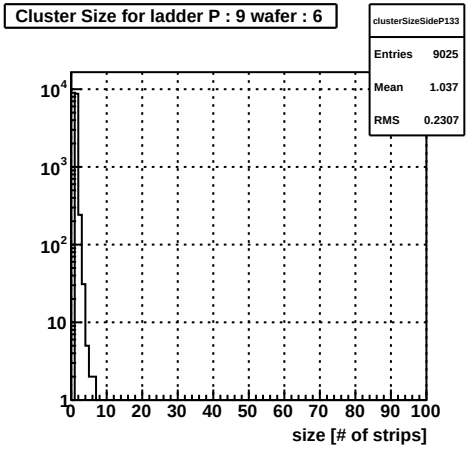

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 13418
Mean 1.027
RMS 0.183
size [# of strips]

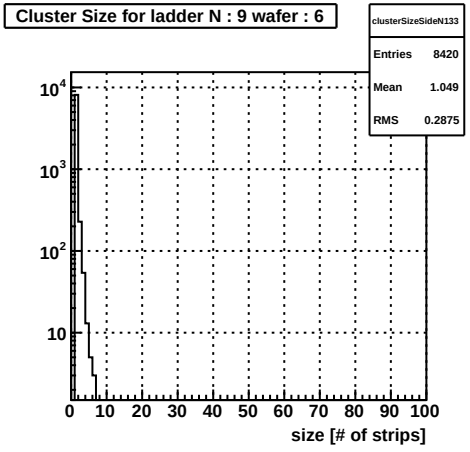

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 1108
Mean 1.257
RMS 0.6096
size [# of strips]

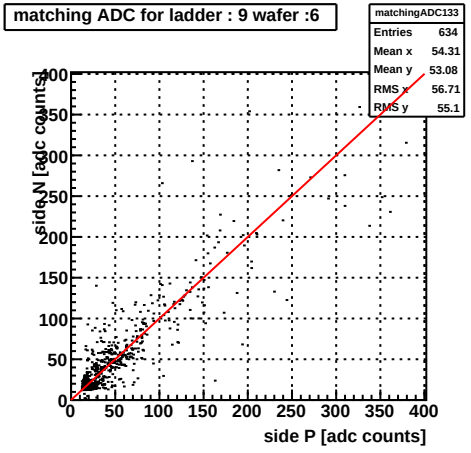

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 283
Mean x 64.99
Mean y 57.67
RMS x 59.4
RMS y 56.38
side N [adc counts]
side P [adc counts]

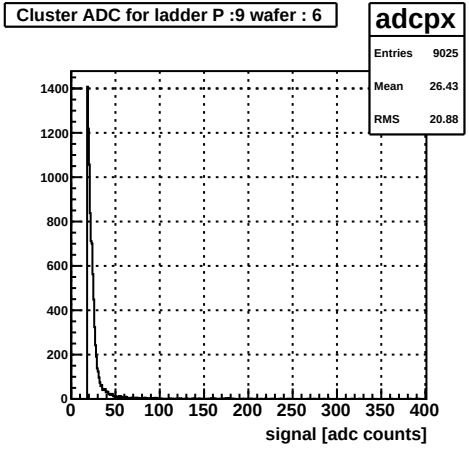

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 13418
Mean 24.44
RMS 16.64
signal [adc counts]

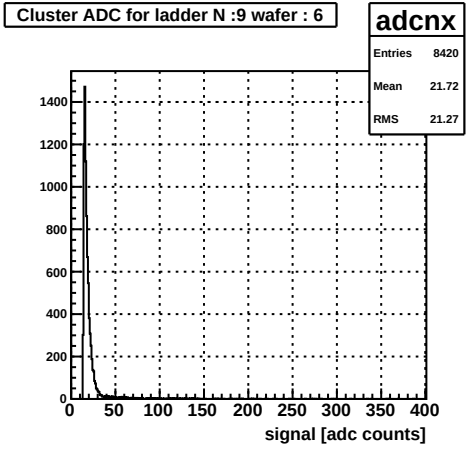

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 1108
Mean 40.38
RMS 47.03
signal [adc counts]

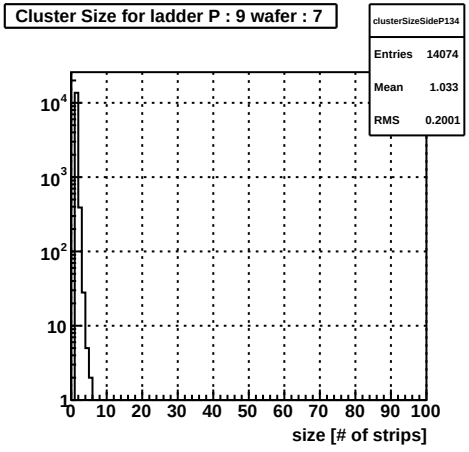

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 9025
Mean 1.037
RMS 0.2307
size [# of strips]

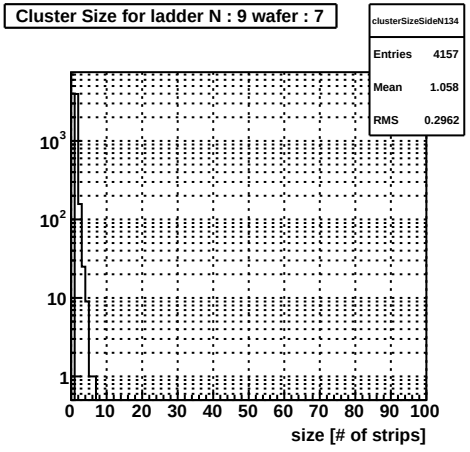

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 8420
Mean 1.049
RMS 0.2875
size [# of strips]

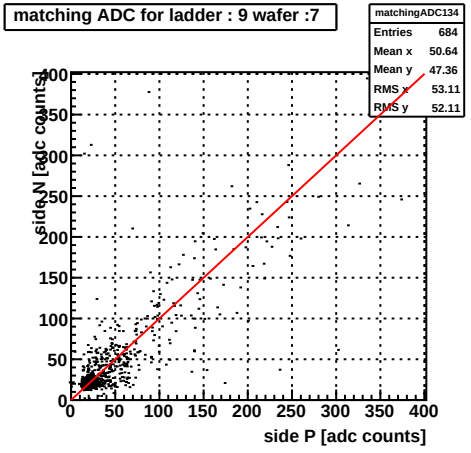

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 634
Mean x 54.31
Mean y 53.08
RMS x 56.71
RMS y 55.1
side N [adc counts]
side P [adc counts]

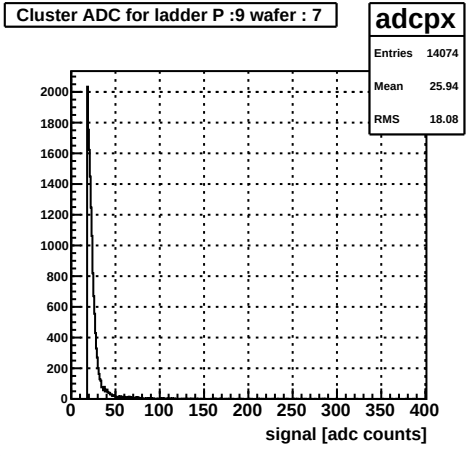

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 9025
Mean 26.43
RMS 20.88
signal [adc counts]

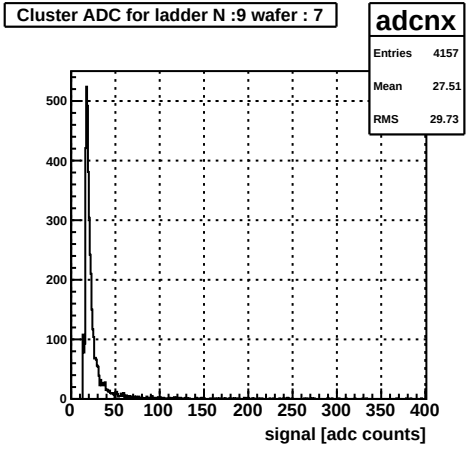

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 8420
Mean 21.72
RMS 21.27
signal [adc counts]

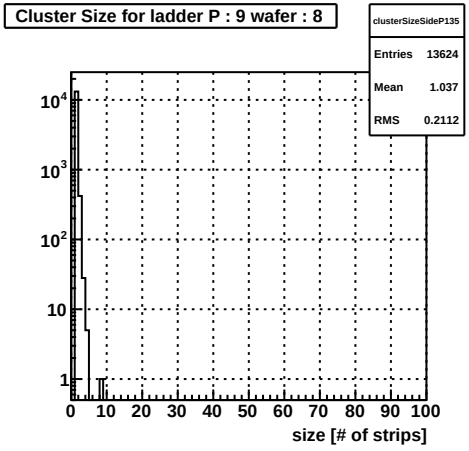

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 14074
Mean 1.033
RMS 0.2001
size [# of strips]

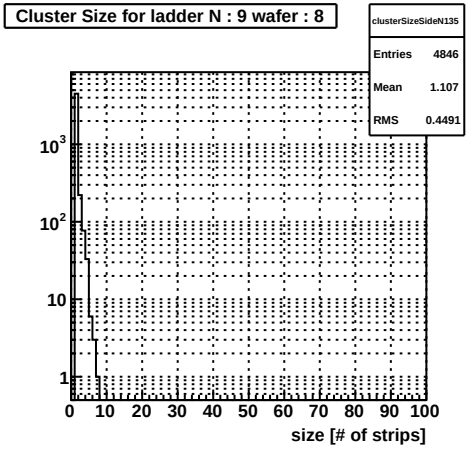

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 4157
Mean 1.058
RMS 0.2962
size [# of strips]

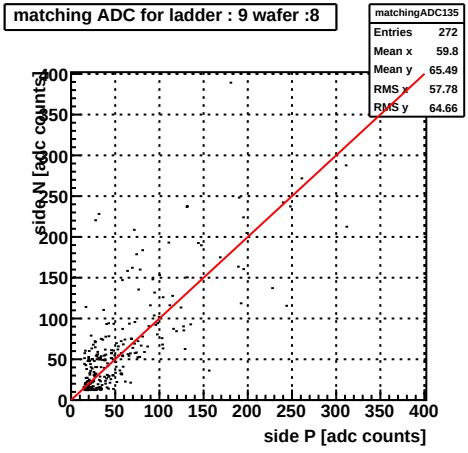

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 684
Mean x 50.64
Mean y 47.36
RMS x 53.11
RMS y 52.11
side N [adc counts]
side P [adc counts]

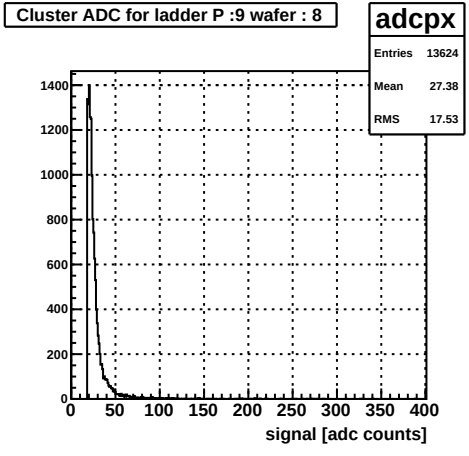

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 14074
Mean 25.94
RMS 18.08
signal [adc counts]

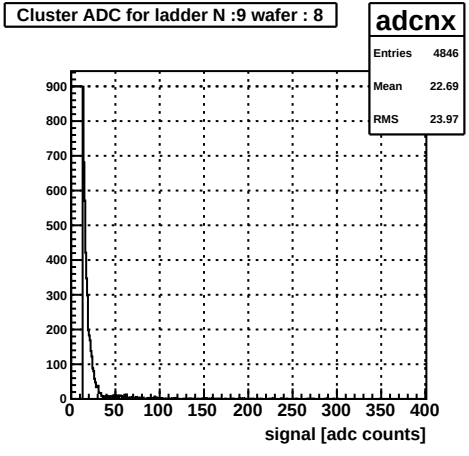

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 4157
Mean 27.51
RMS 29.73
signal [adc counts]

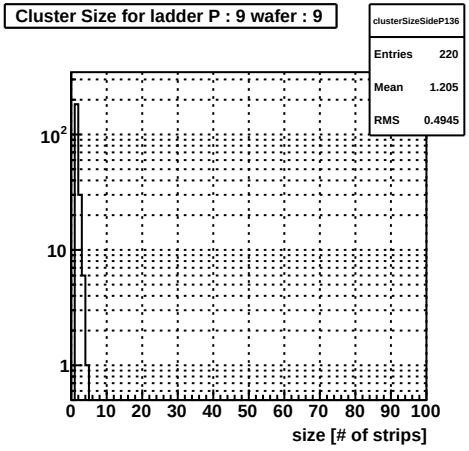

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 13624
Mean 1.037
RMS 0.2112
size [# of strips]

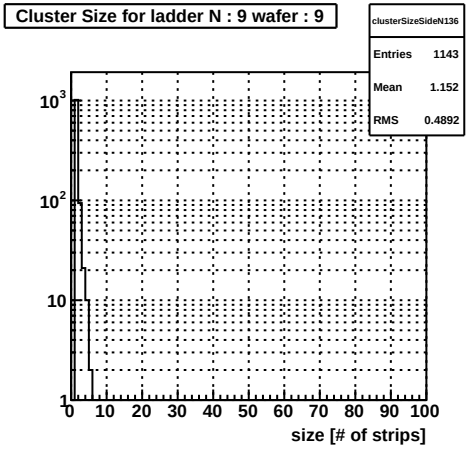

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 4846
Mean 1.107
RMS 0.4491
size [# of strips]

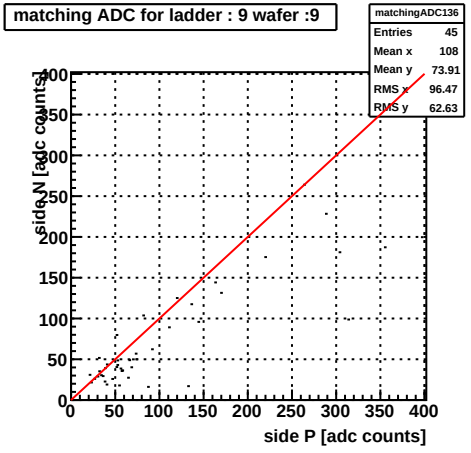

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 272
Mean x 59.8
Mean y 65.49
RMS x 57.78
RMS y 64.66
side N [adc counts]
side P [adc counts]

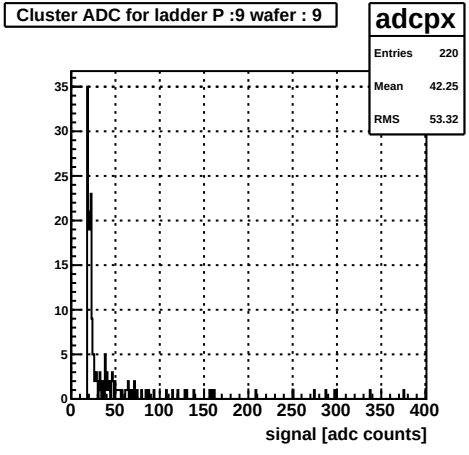

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 13624
Mean 27.38
RMS 17.53
signal [adc counts]

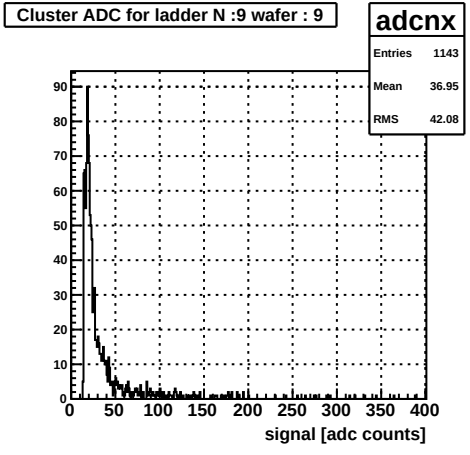

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 4846
Mean 22.69
RMS 23.97
signal [adc counts]

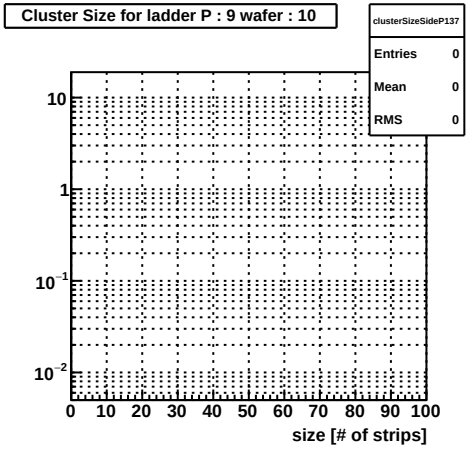

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 220
Mean 1.205
RMS 0.4945
size [# of strips]

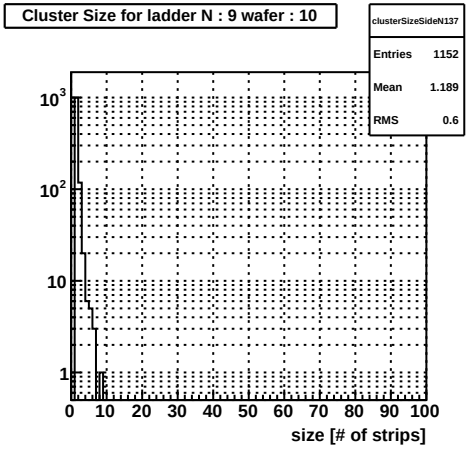

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 1143
Mean 1.152
RMS 0.4892
size [# of strips]

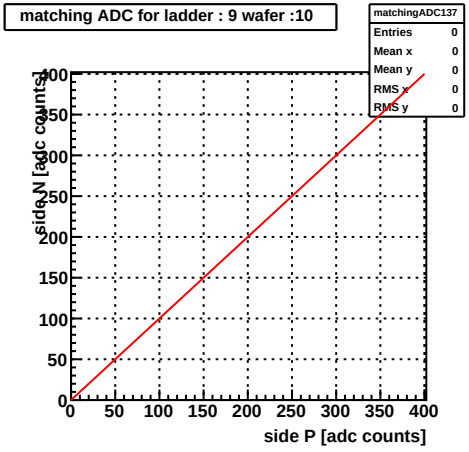

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 45
Mean x 108
Mean y 73.91
RMS x 96.47
RMS y 62.63
side N [adc counts]
side P [adc counts]

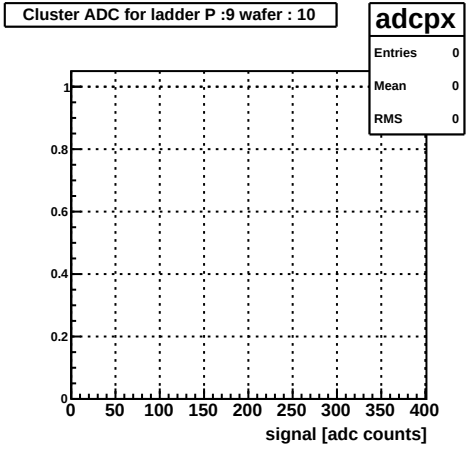

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 220
Mean 42.25
RMS 53.32
signal [adc counts]

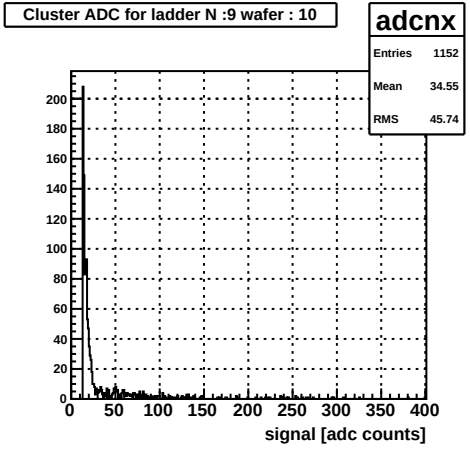

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 1143
Mean 36.95
RMS 42.08
signal [adc counts]

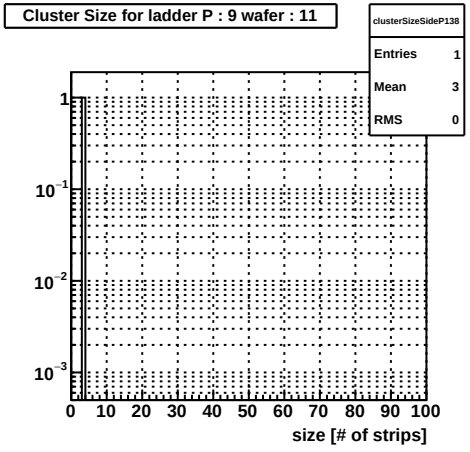

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

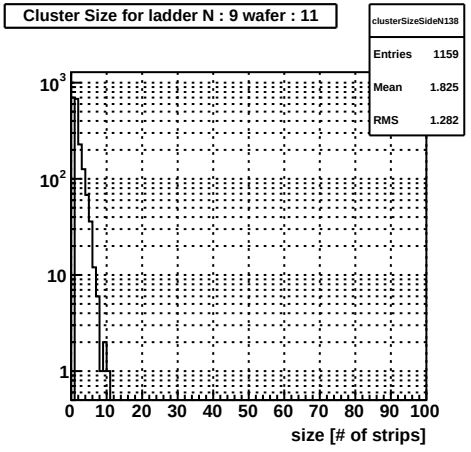

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 1152
Mean 1.189
RMS 0.6
size [# of strips]

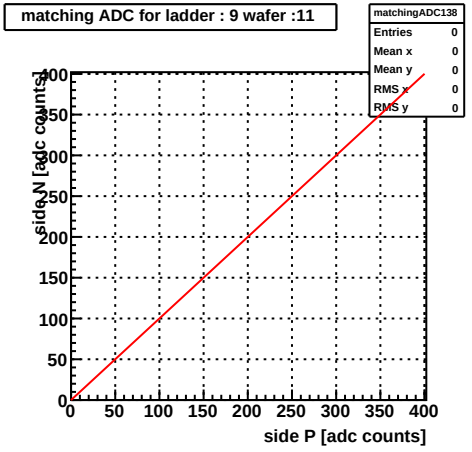

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

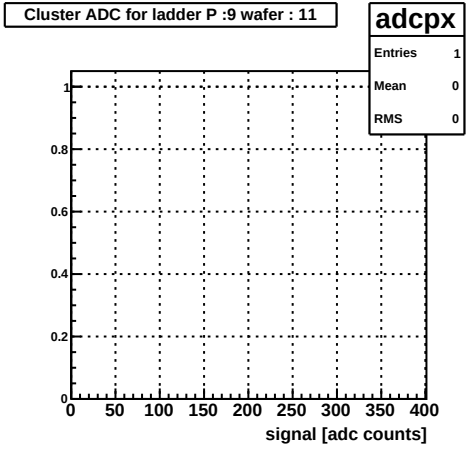

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

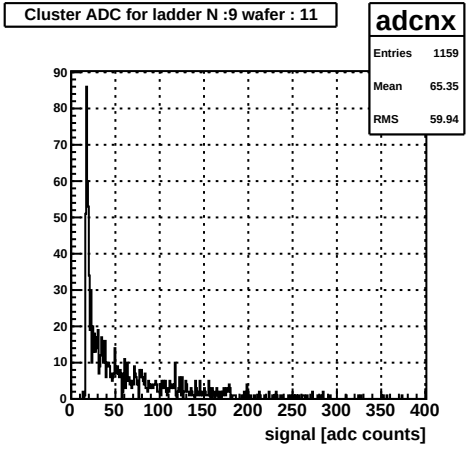

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 1152
Mean 34.55
RMS 45.74
signal [adc counts]

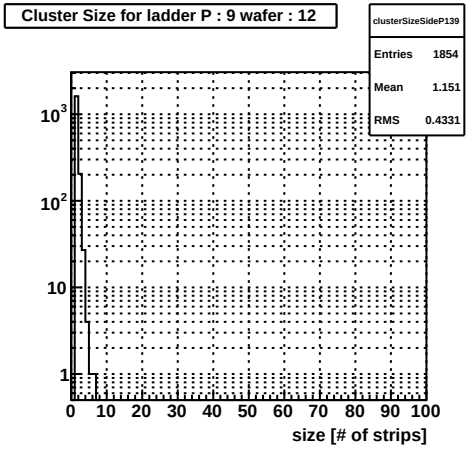

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 1
Mean 3
RMS 0
size [# of strips]

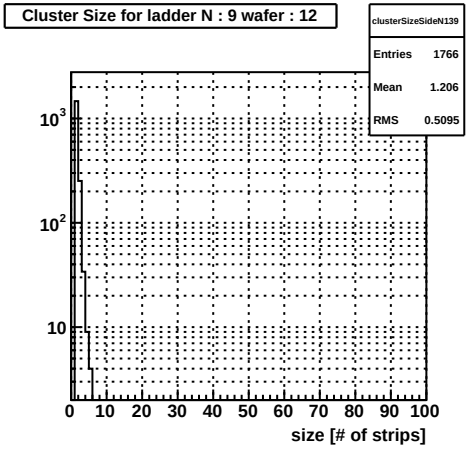

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 1159
Mean 1.825
RMS 1.282
size [# of strips]

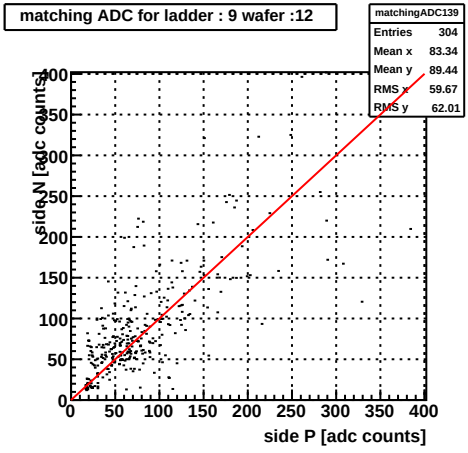

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

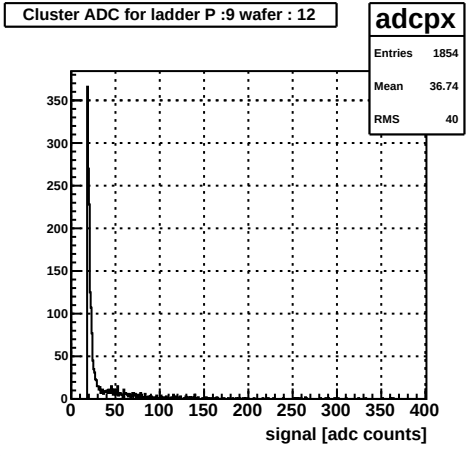

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

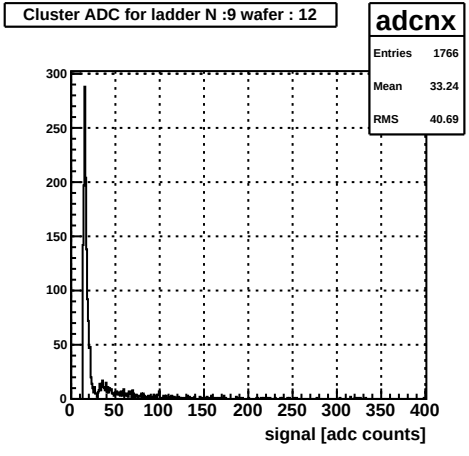

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 1159
Mean 65.35
RMS 59.94
signal [adc counts]

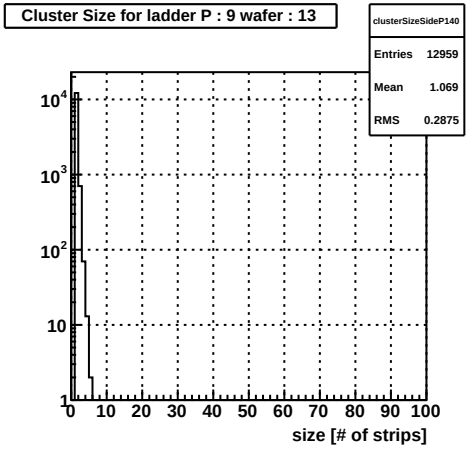

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 1854
Mean 1.151
RMS 0.4331
size [# of strips]

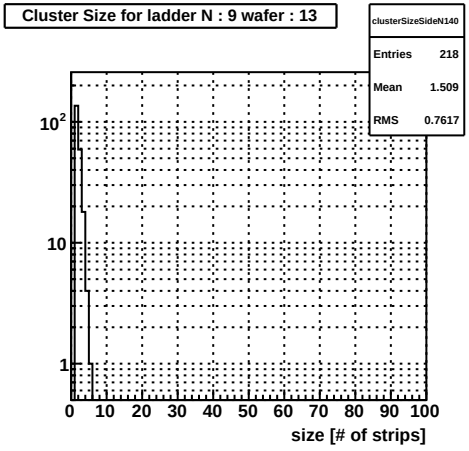

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 1766
Mean 1.206
RMS 0.5095
size [# of strips]

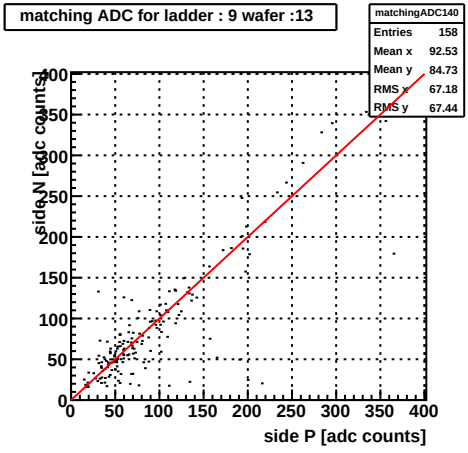

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 304
Mean x 83.34
Mean y 89.44
RMS x 59.67
RMS y 62.01
side N [adc counts]
side P [adc counts]

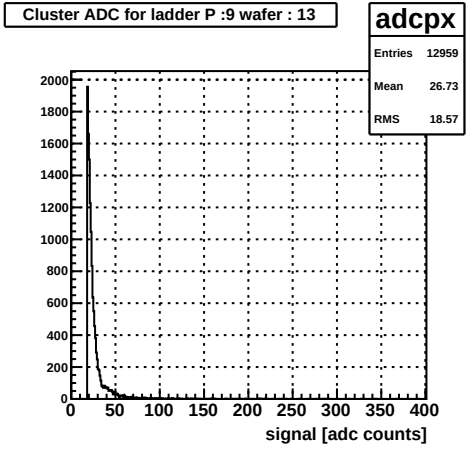

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 1854
Mean 36.74
RMS 40
signal [adc counts]

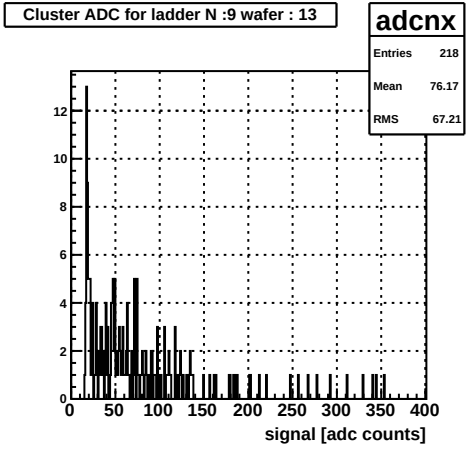

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 1766
Mean 33.24
RMS 40.69
signal [adc counts]

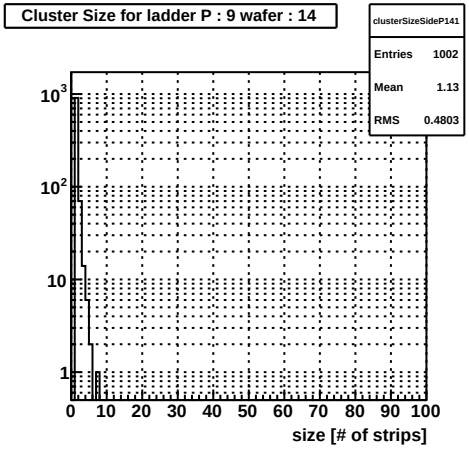

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 12959
Mean 1.069
RMS 0.2875
size [# of strips]

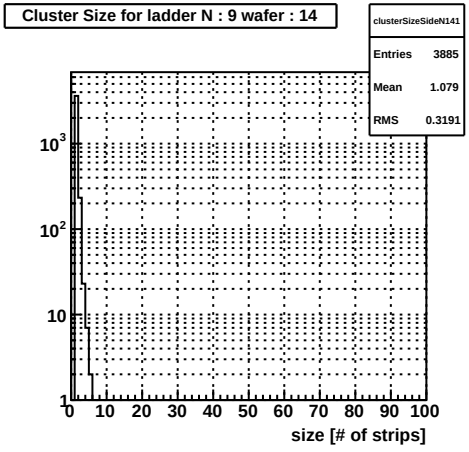

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 218
Mean 1.509
RMS 0.7617
size [# of strips]

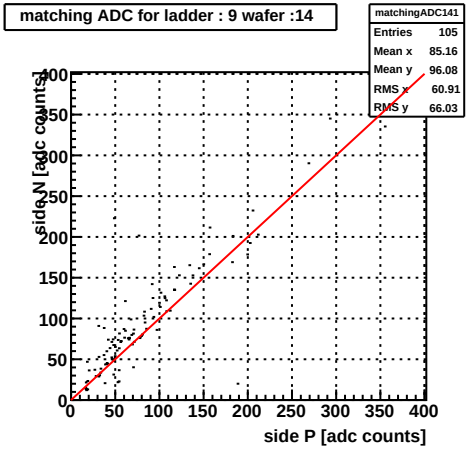

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 158
Mean x 92.53
Mean y 84.73
RMS x 67.18
RMS y 67.44
side N [adc counts]
side P [adc counts]

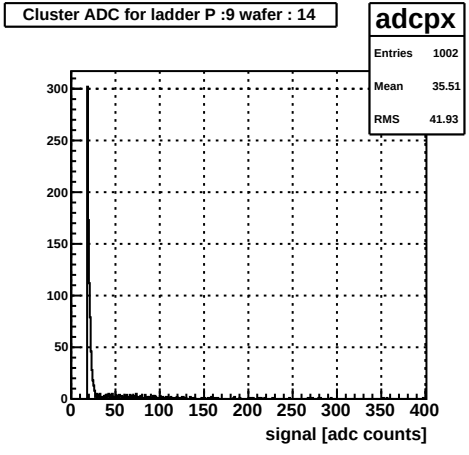

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 12959
Mean 26.73
RMS 18.57
signal [adc counts]

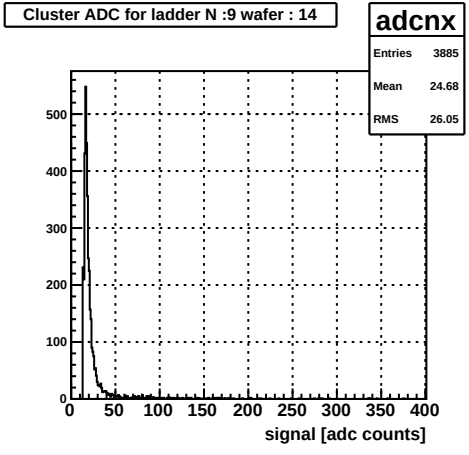

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 218
Mean 76.17
RMS 67.21
signal [adc counts]

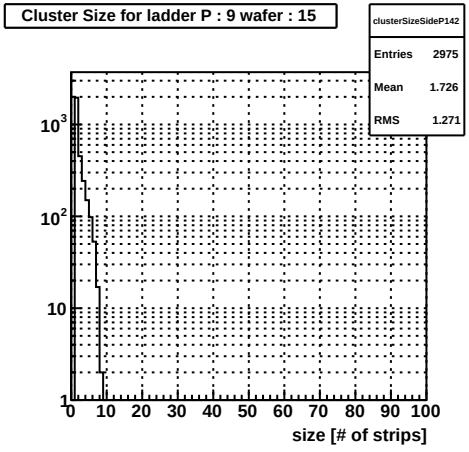

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 1002
Mean 1.13
RMS 0.4803
size [# of strips]

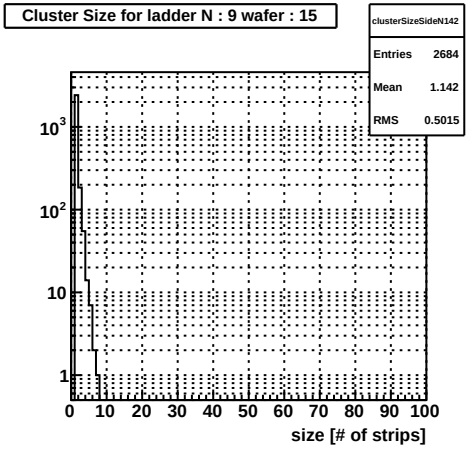

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 3885
Mean 1.079
RMS 0.3191
size [# of strips]

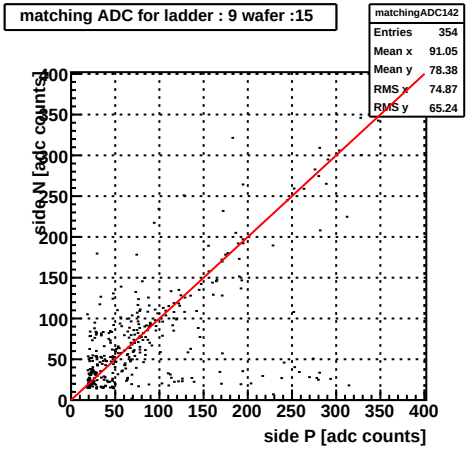

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 105
Mean x 85.16
Mean y 96.08
RMS x 60.91
RMS y 66.03
side N [adc counts]
side P [adc counts]

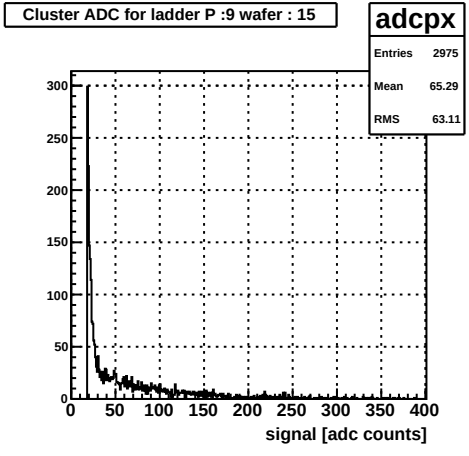

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 1002
Mean 35.51
RMS 41.93
signal [adc counts]

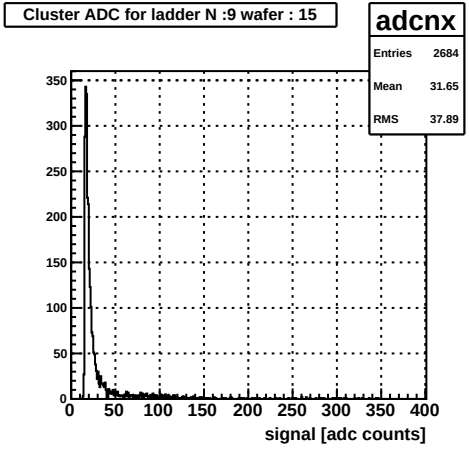

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 3885
Mean 24.68
RMS 26.05
signal [adc counts]

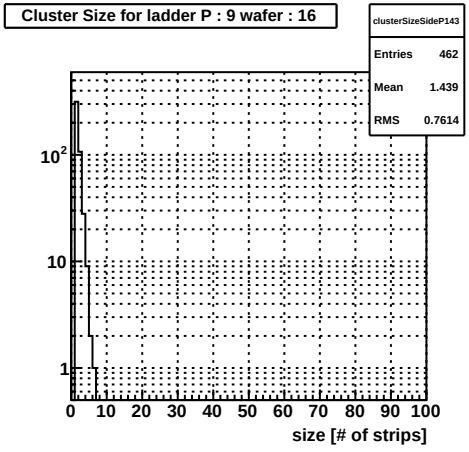

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 2975
Mean 1.726
RMS 1.271
size [# of strips]

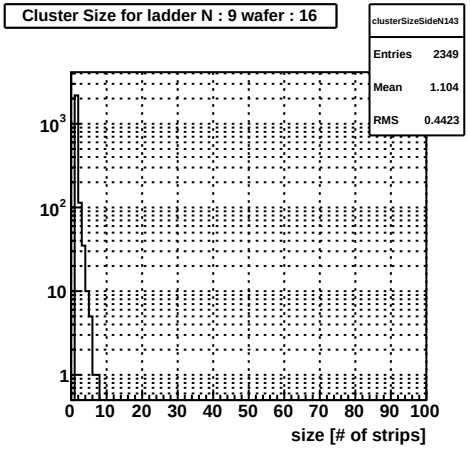

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 2684
Mean 1.142
RMS 0.5015
size [# of strips]

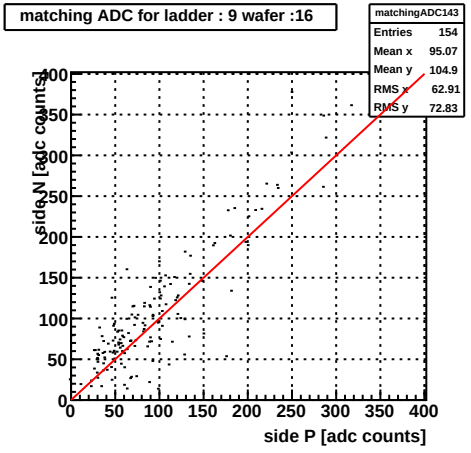

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 354
Mean x 91.05
Mean y 78.38
RMS x 74.87
RMS y 65.24
side N [adc counts]
side P [adc counts]

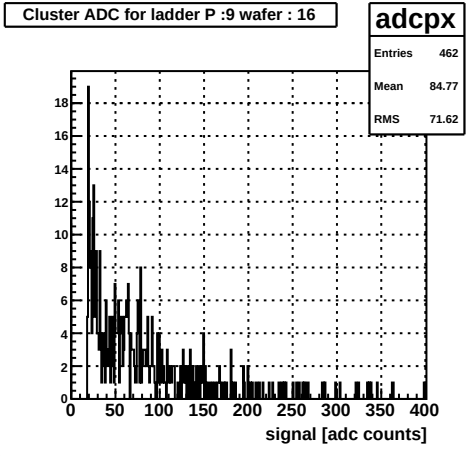

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 2975
Mean 65.29
RMS 63.11
signal [adc counts]

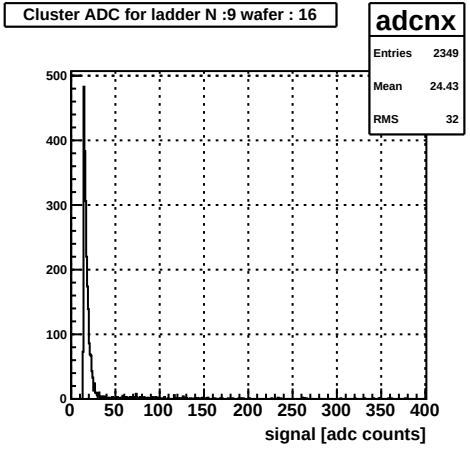

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 2684
Mean 31.65
RMS 37.89
signal [adc counts]

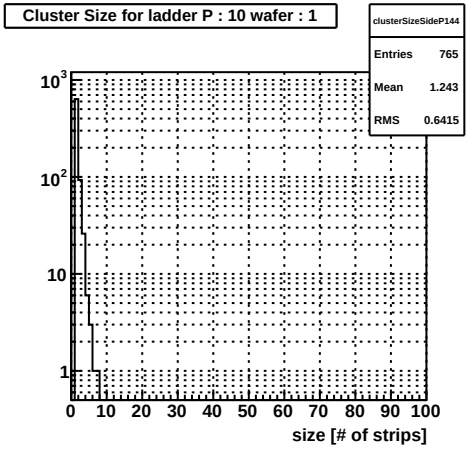

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 462
Mean 1.439
RMS 0.7614
size [# of strips]

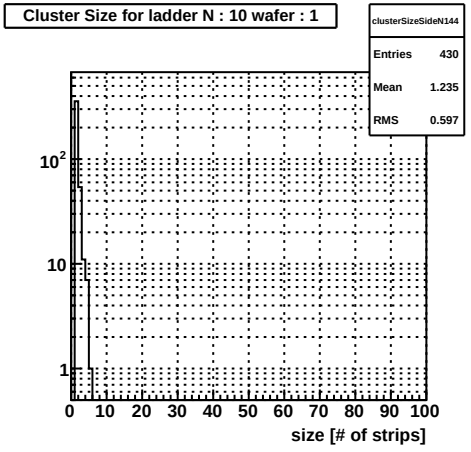

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 2349
Mean 1.104
RMS 0.4423
size [# of strips]

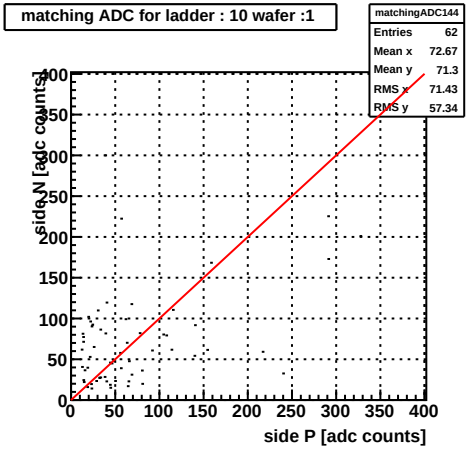

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 154
Mean x 95.07
Mean y 104.9
RMS x 62.91
RMS y 72.83
side N [adc counts]
side P [adc counts]

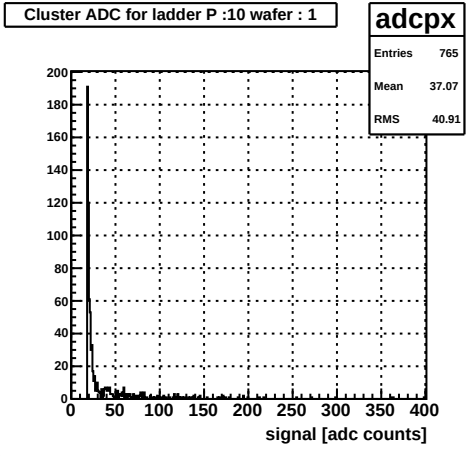

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 462
Mean 84.77
RMS 71.62
signal [adc counts]

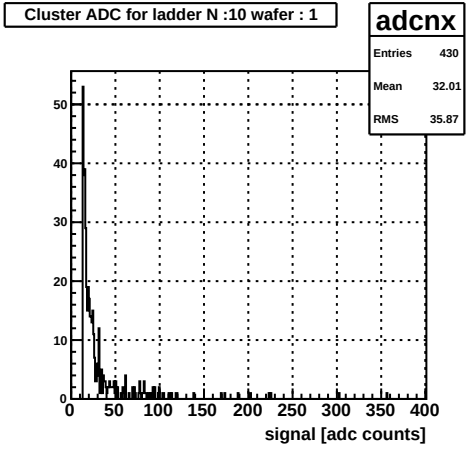

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 2349
Mean 24.43
RMS 32
signal [adc counts]

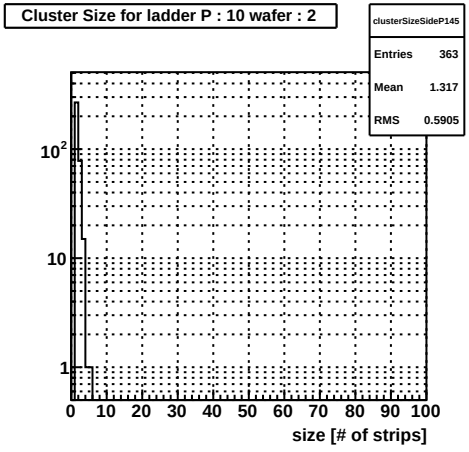

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 765
Mean 1.243
RMS 0.6415
size [# of strips]

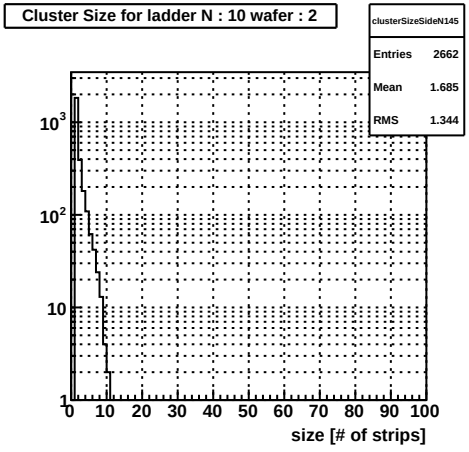

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 430
Mean 1.235
RMS 0.597
size [# of strips]

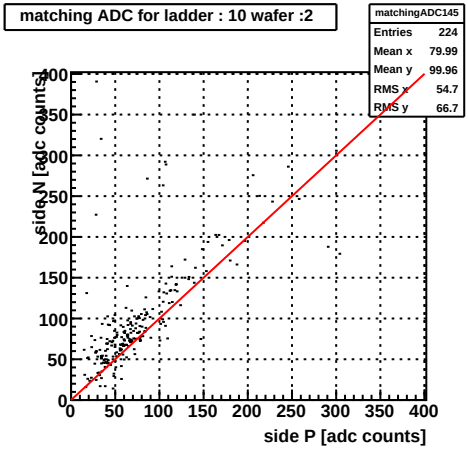

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 62
Mean x 72.67
Mean y 71.3
RMS x 71.43
RMS y 57.34
side N [adc counts]
side P [adc counts]

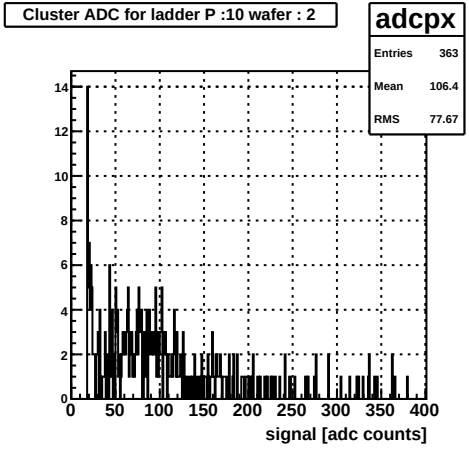

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 765
Mean 37.07
RMS 40.91
signal [adc counts]

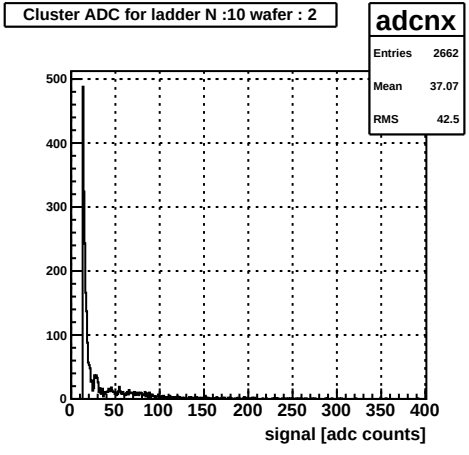

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 430
Mean 32.01
RMS 35.87
signal [adc counts]

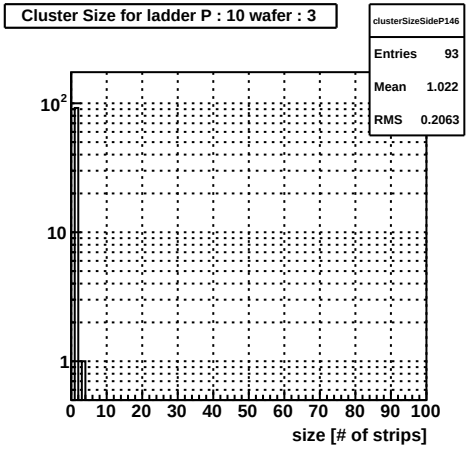

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 363
Mean 1.317
RMS 0.5905
size [# of strips]

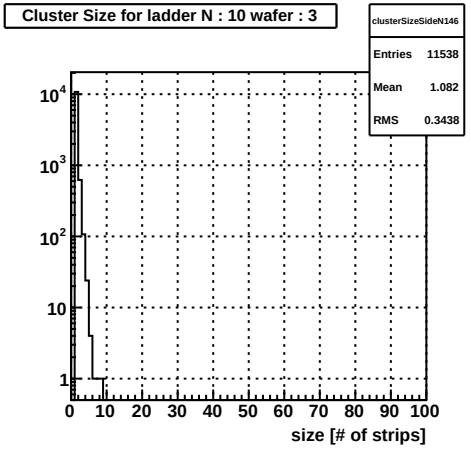

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 2662
Mean 1.685
RMS 1.344
size [# of strips]

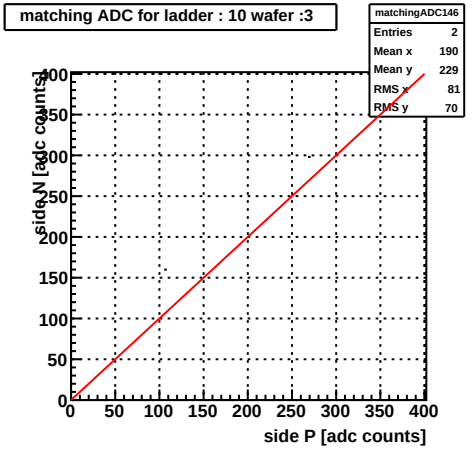

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 224
Mean x 79.99
Mean y 99.96
RMS x 54.7
RMS y 66.7
side N [adc counts]
side P [adc counts]

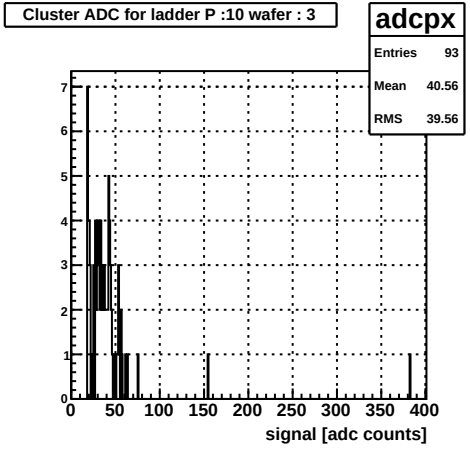

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 363
Mean 106.4
RMS 77.67
signal [adc counts]

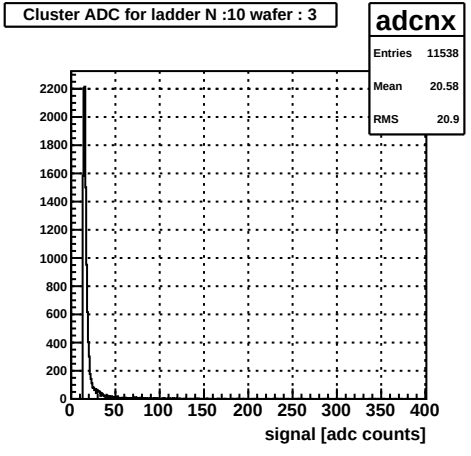

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 2662
Mean 37.07
RMS 42.5
signal [adc counts]

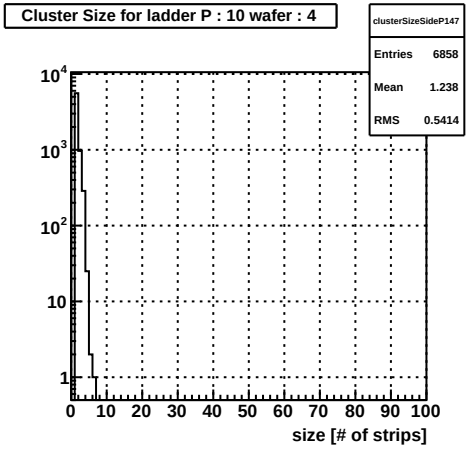

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 93
Mean 1.022
RMS 0.2063
size [# of strips]

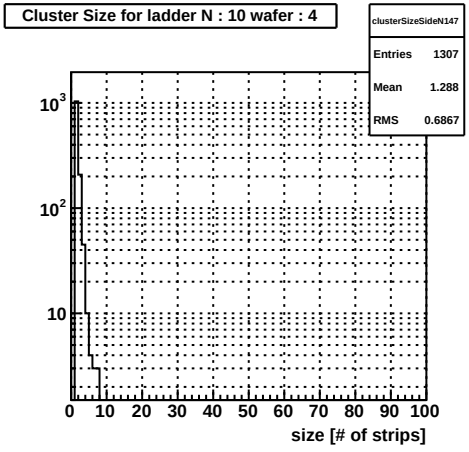

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 11538
Mean 1.082
RMS 0.3438
size [# of strips]

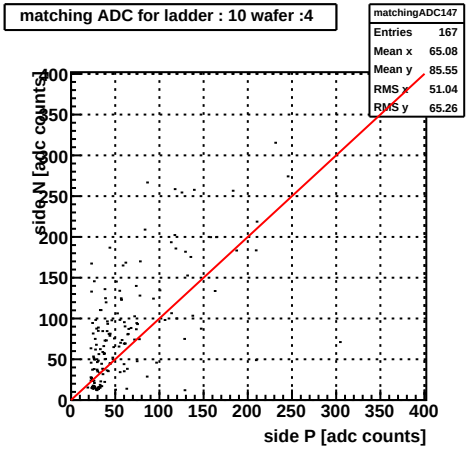

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 2
Mean x 190
Mean y 229
RMS x 81
RMS y 70
side N [adc counts]
side P [adc counts]

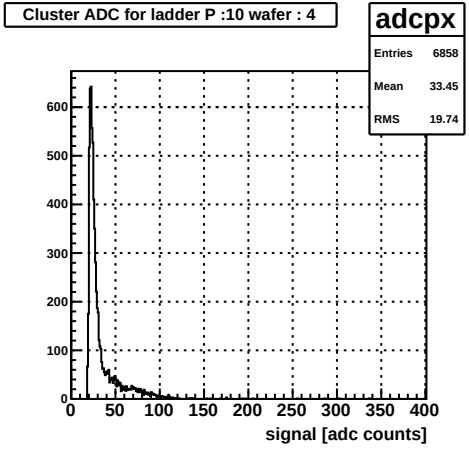

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 93
Mean 40.56
RMS 39.56
signal [adc counts]

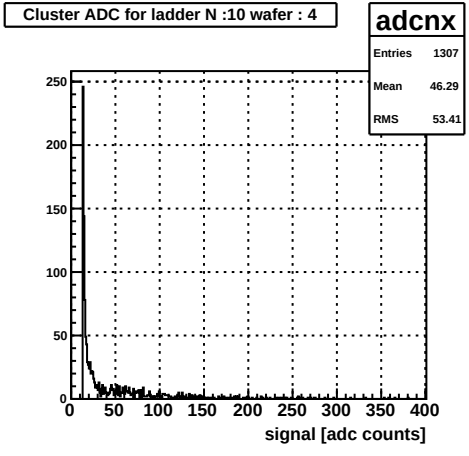

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 11538
Mean 20.58
RMS 20.9
signal [adc counts]

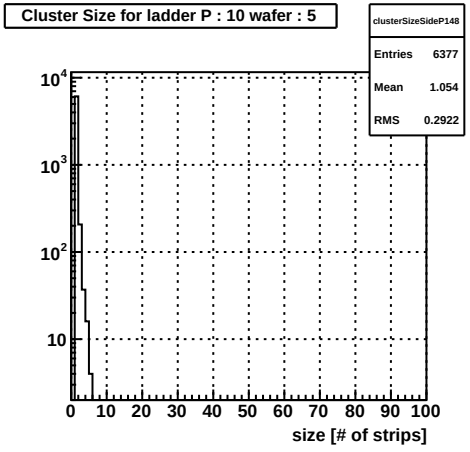

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 6858
Mean 1.238
RMS 0.5414
size [# of strips]

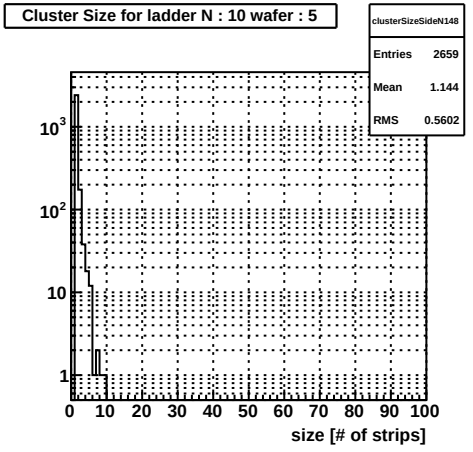

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 1307
Mean 1.288
RMS 0.6867
size [# of strips]

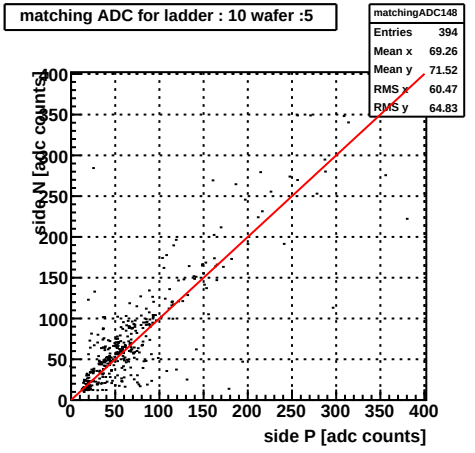

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 167
Mean x 65.08
Mean y 85.55
RMS x 51.04
RMS y 65.26
side N [adc counts]
side P [adc counts]

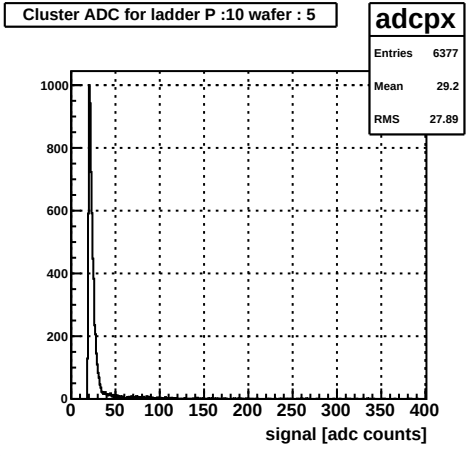

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 6858
Mean 33.45
RMS 19.74
signal [adc counts]

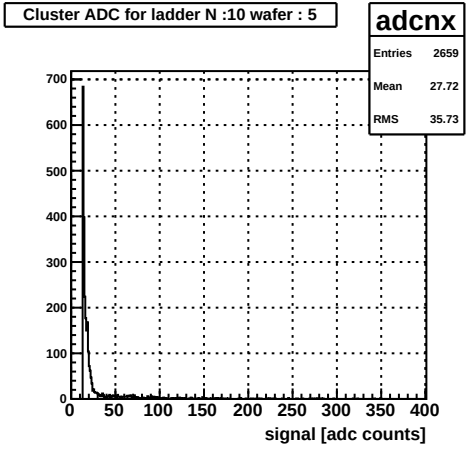

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 1307
Mean 46.29
RMS 53.41
signal [adc counts]

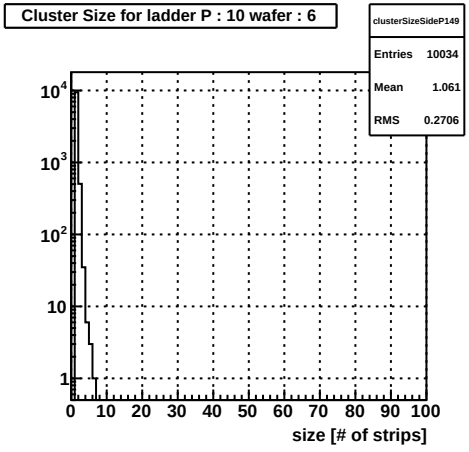

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 6377
Mean 1.054
RMS 0.2922
size [# of strips]

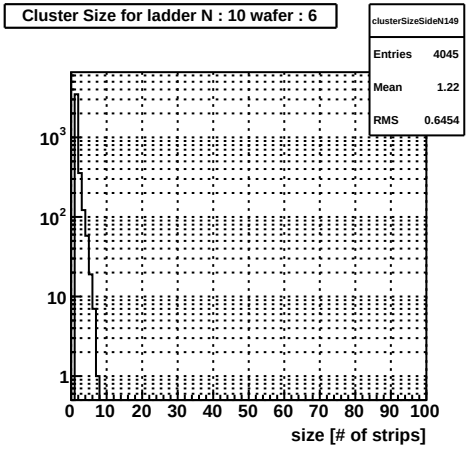

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 2659
Mean 1.144
RMS 0.5602
size [# of strips]

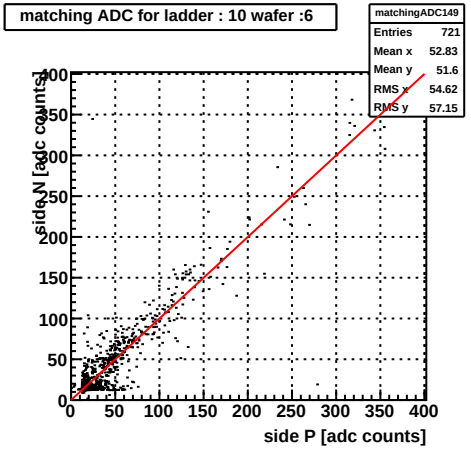

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 394
Mean x 69.26
Mean y 71.52
RMS x 60.47
RMS y 64.83
side N [adc counts]
side P [adc counts]

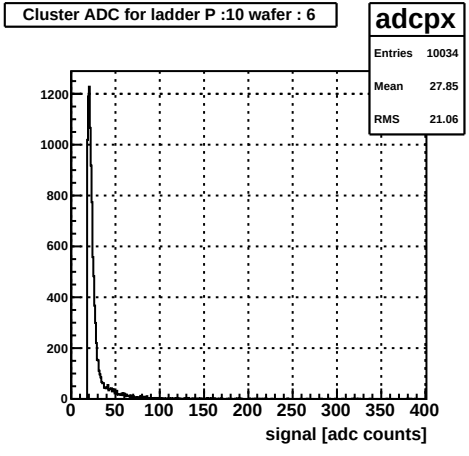

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 6377
Mean 29.2
RMS 27.89
signal [adc counts]

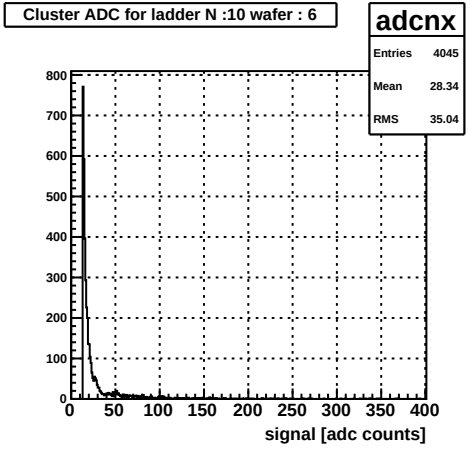

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 2659
Mean 27.72
RMS 35.73
signal [adc counts]

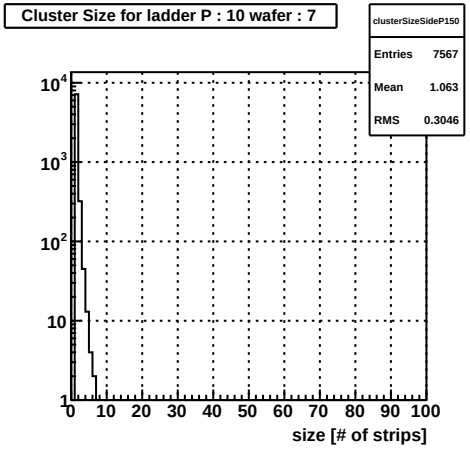

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 10034
Mean 1.061
RMS 0.2706
size [# of strips]

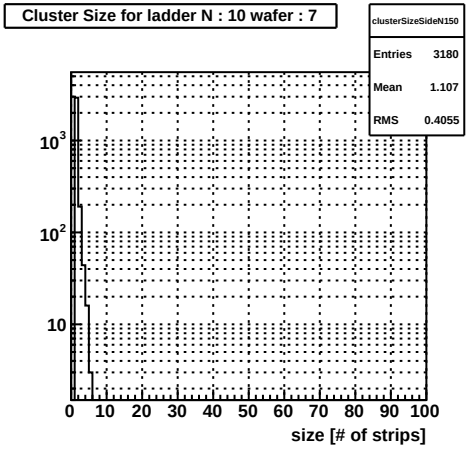

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 4045
Mean 1.22
RMS 0.6454
size [# of strips]

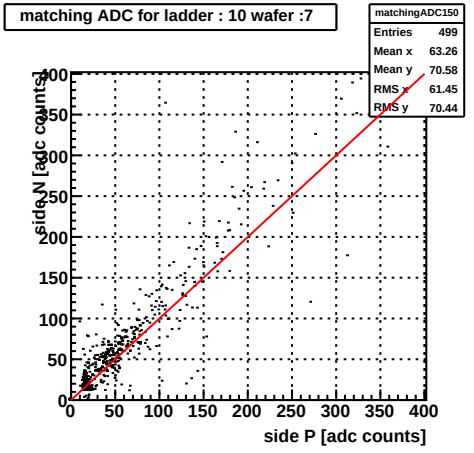

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 721
Mean x 52.83
Mean y 51.6
RMS x 54.62
RMS y 57.15
side N [adc counts]
side P [adc counts]

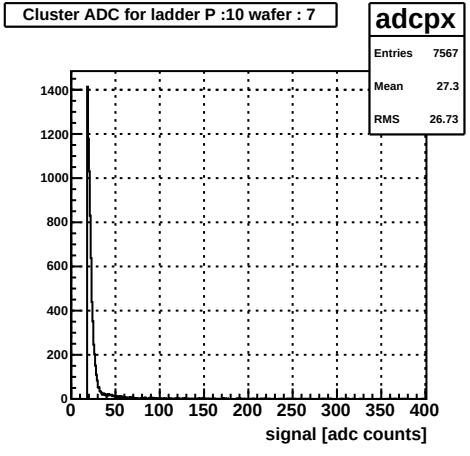

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 10034
Mean 27.85
RMS 21.06
signal [adc counts]

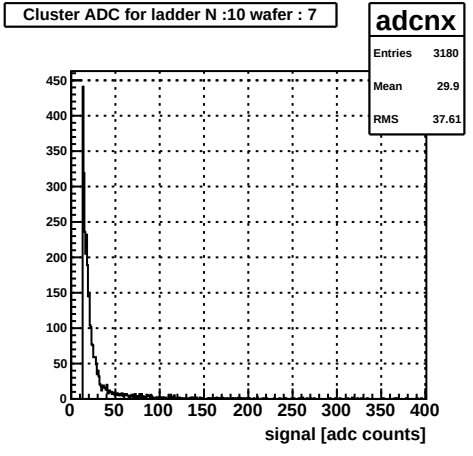

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 4045
Mean 28.34
RMS 35.04
signal [adc counts]

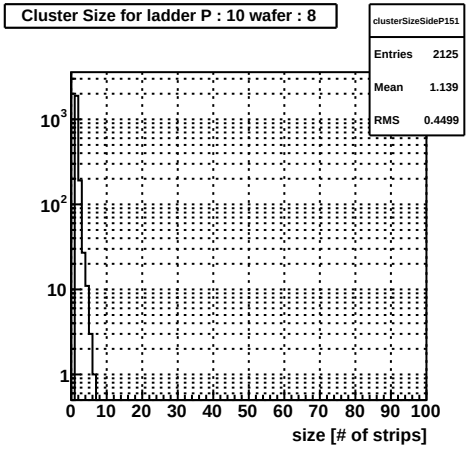

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 7567
Mean 1.063
RMS 0.3046
size [# of strips]

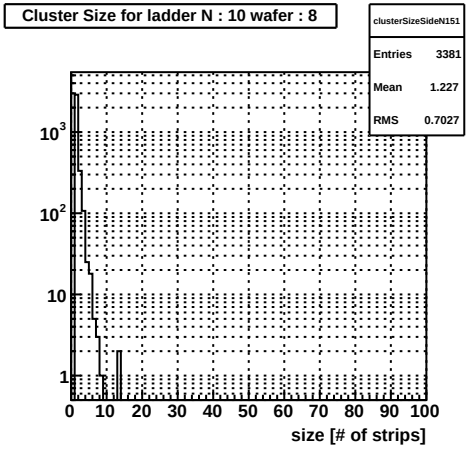

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 3180
Mean 1.107
RMS 0.4055
size [# of strips]

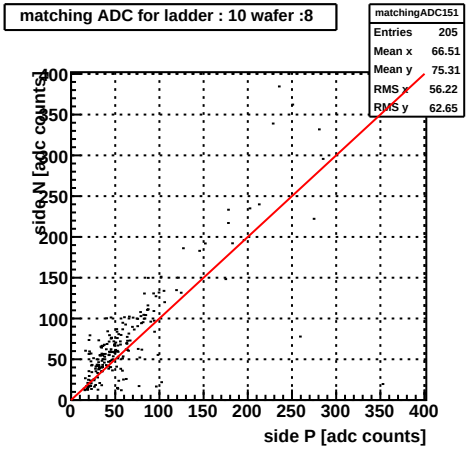

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 499
Mean x 63.26
Mean y 70.58
RMS x 61.45
RMS y 70.44
side N [adc counts]
side P [adc counts]

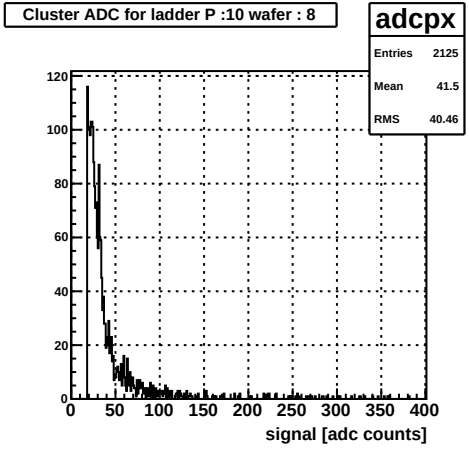

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 7567
Mean 27.3
RMS 26.73
signal [adc counts]

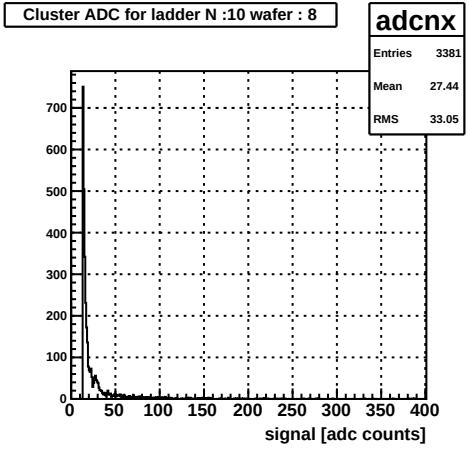

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 3180
Mean 29.9
RMS 37.61
signal [adc counts]

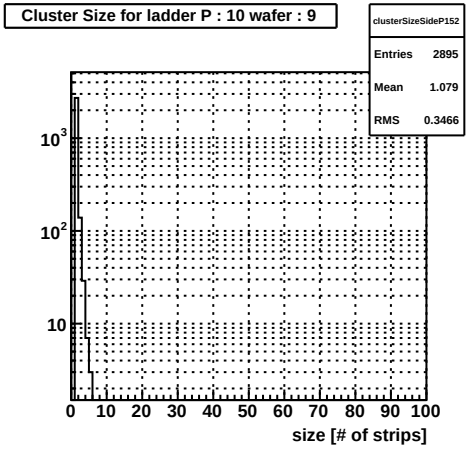

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 2125
Mean 1.139
RMS 0.4499
size [# of strips]

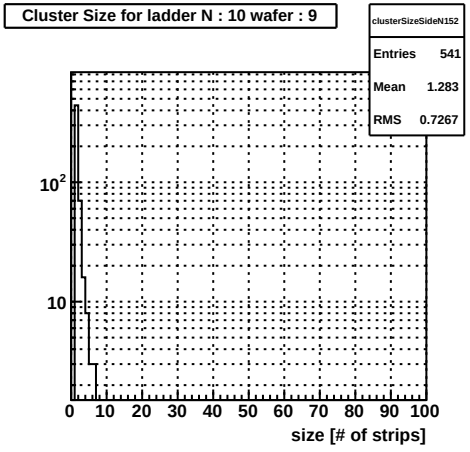

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 3381
Mean 1.227
RMS 0.7027
size [# of strips]

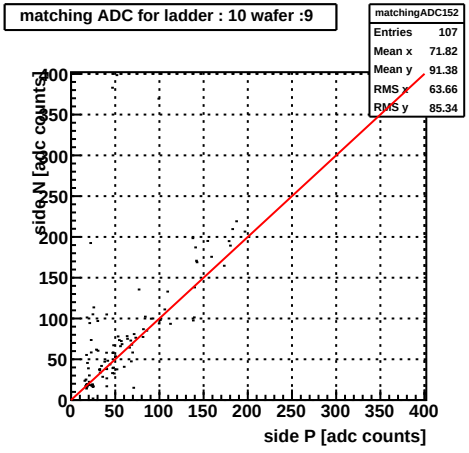

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 205
Mean x 66.51
Mean y 75.31
RMS x 56.22
RMS y 62.65
side N [adc counts]
side P [adc counts]

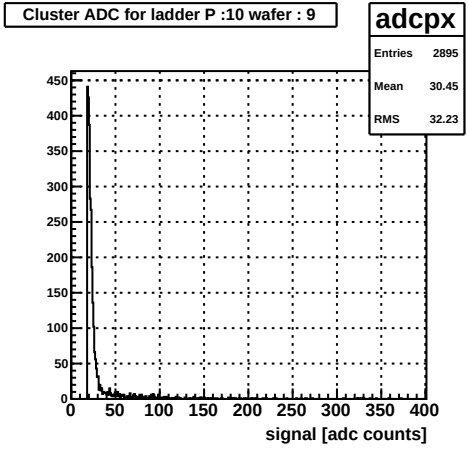

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 2125
Mean 41.5
RMS 40.46
signal [adc counts]

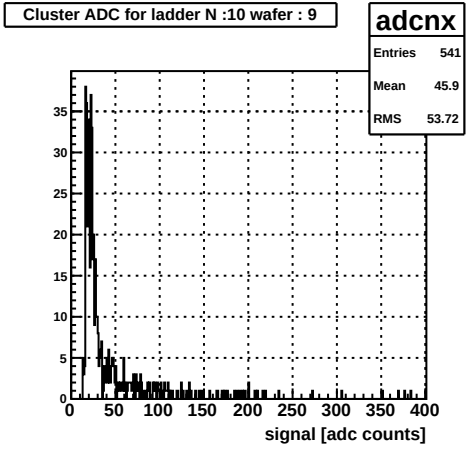

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 3381
Mean 27.44
RMS 33.05
signal [adc counts]

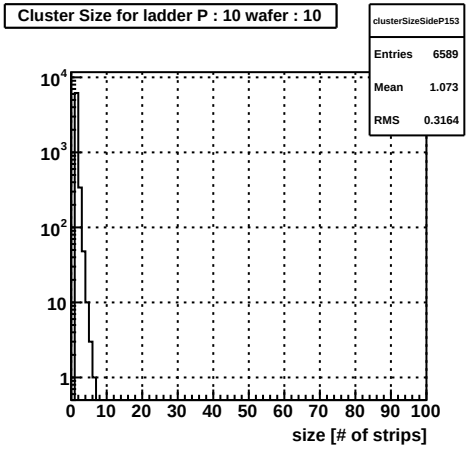

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 2895
Mean 1.079
RMS 0.3466
size [# of strips]

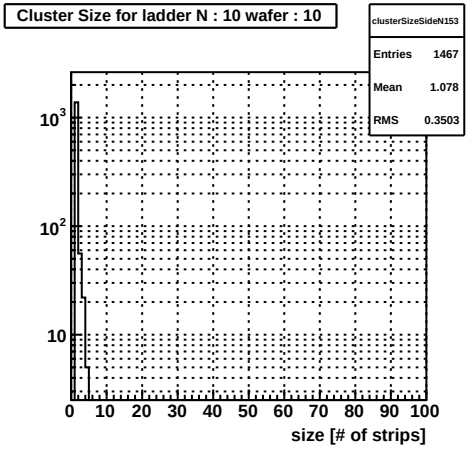

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 541
Mean 1.283
RMS 0.7267
size [# of strips]

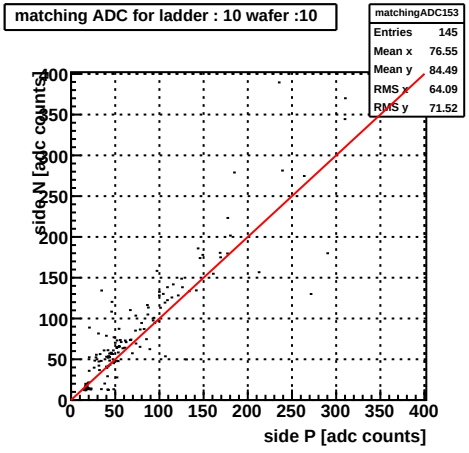

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 107
Mean x 71.82
Mean y 91.38
RMS x 63.66
RMS y 85.34
side N [adc counts]
side P [adc counts]

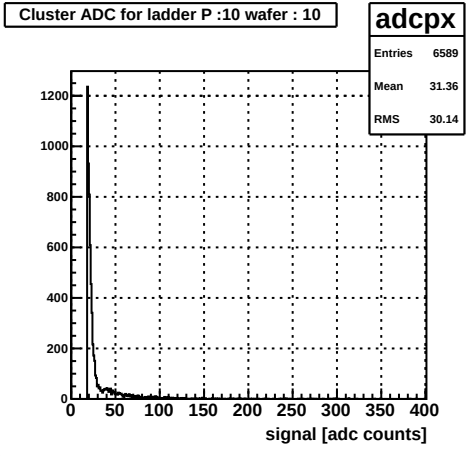

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 2895
Mean 30.45
RMS 32.23
signal [adc counts]

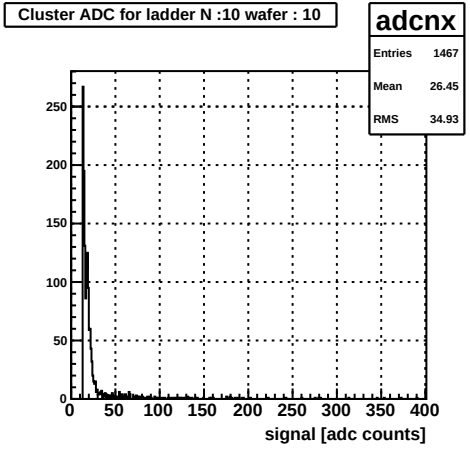

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 541
Mean 45.9
RMS 53.72
signal [adc counts]

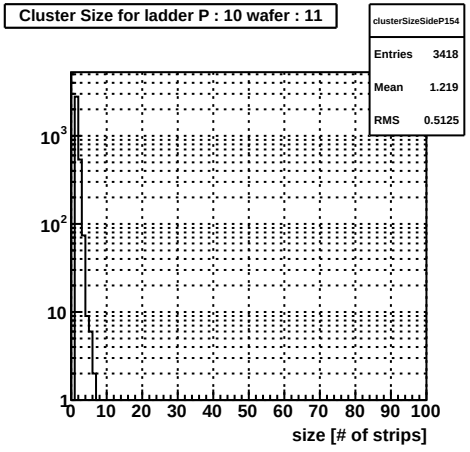

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 6589
Mean 1.073
RMS 0.3164
size [# of strips]

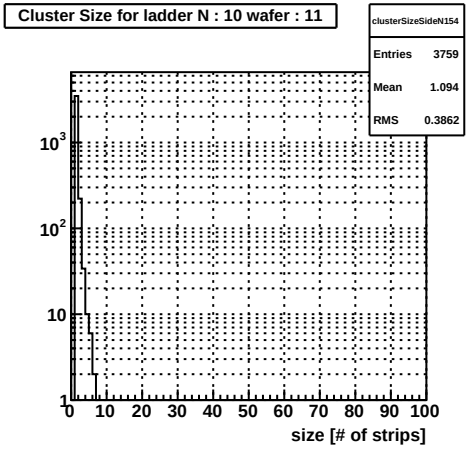

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 1467
Mean 1.078
RMS 0.3503
size [# of strips]

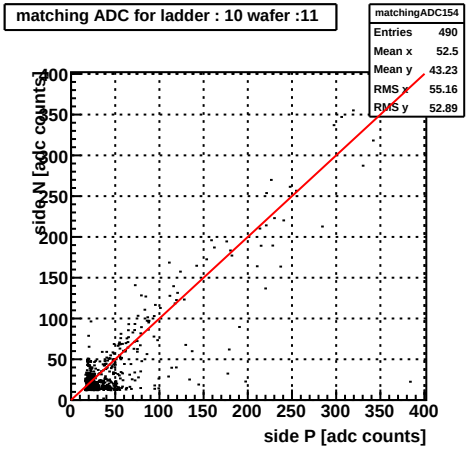

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 145
Mean x 76.55
Mean y 84.49
RMS x 64.09
RMS y 71.52
side N [adc counts]
side P [adc counts]

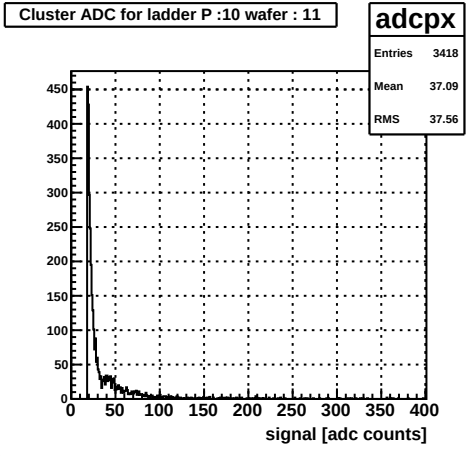

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 6589
Mean 31.36
RMS 30.14
signal [adc counts]

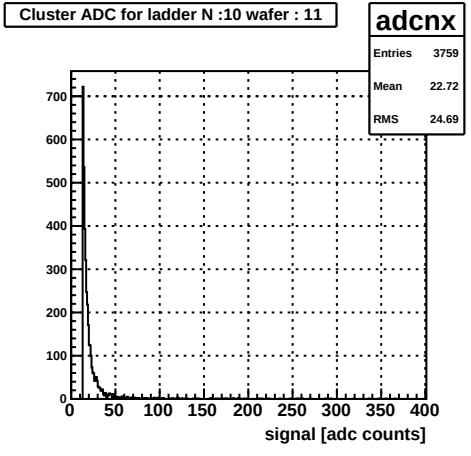

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 1467
Mean 26.45
RMS 34.93
signal [adc counts]

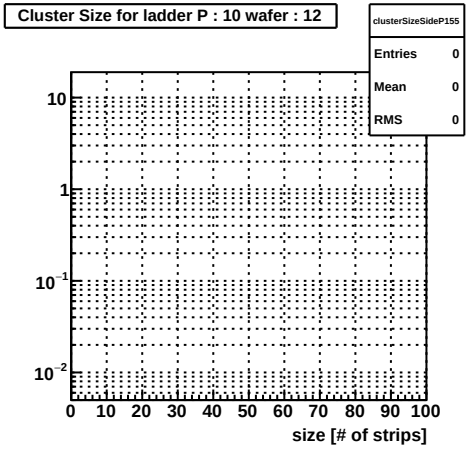

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 3418
Mean 1.219
RMS 0.5125
size [# of strips]

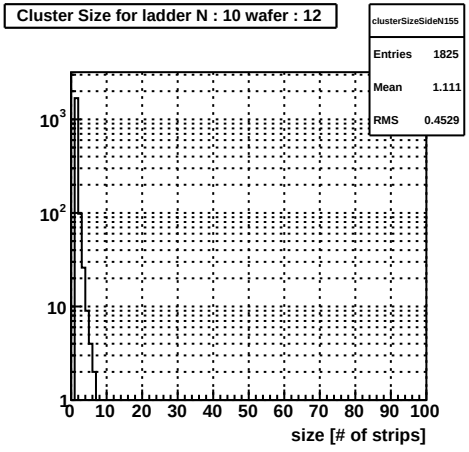

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 3759
Mean 1.094
RMS 0.3862
size [# of strips]

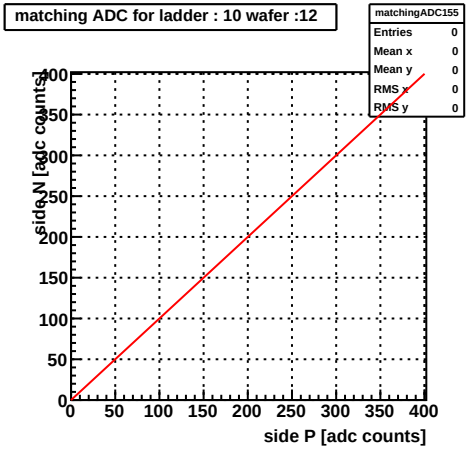

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 490
Mean x 52.5
Mean y 43.23
RMS x 55.16
RMS y 52.89
side N [adc counts]
side P [adc counts]

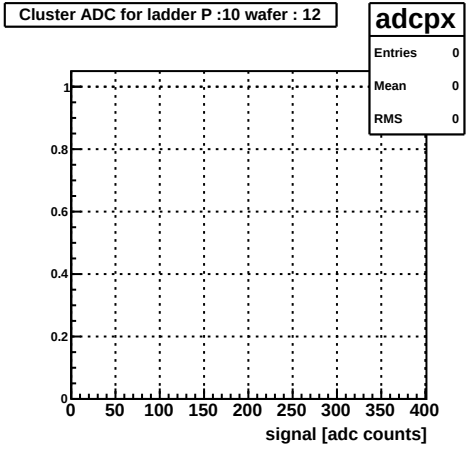

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 3418
Mean 37.09
RMS 37.56
signal [adc counts]

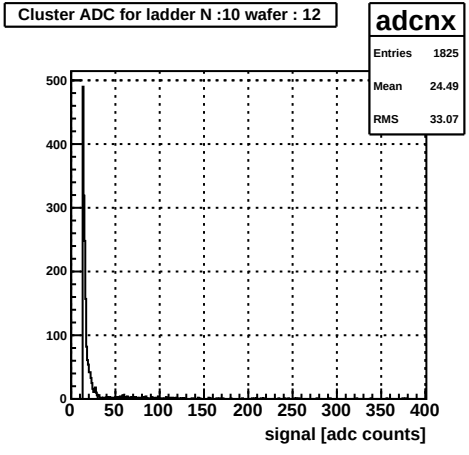

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 3759
Mean 22.72
RMS 24.69
signal [adc counts]

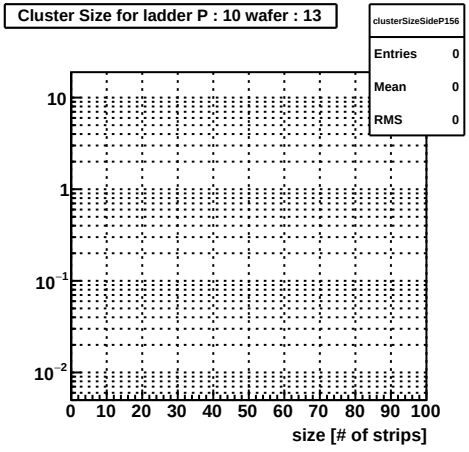

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

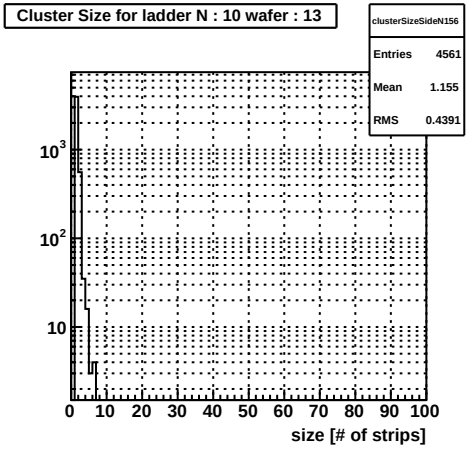

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 1825
Mean 1.111
RMS 0.4529
size [# of strips]

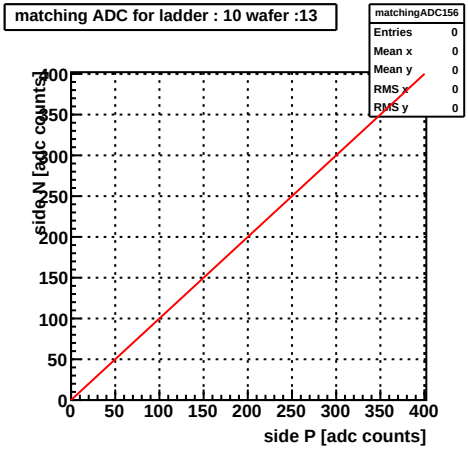

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

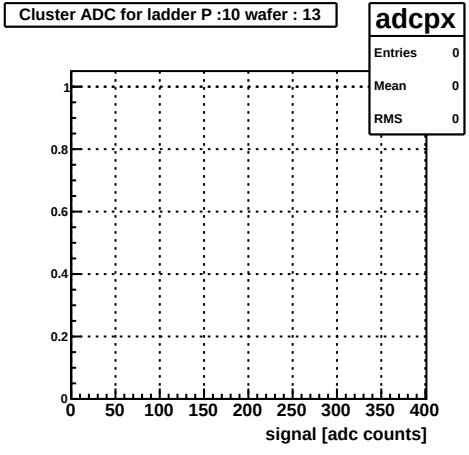

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

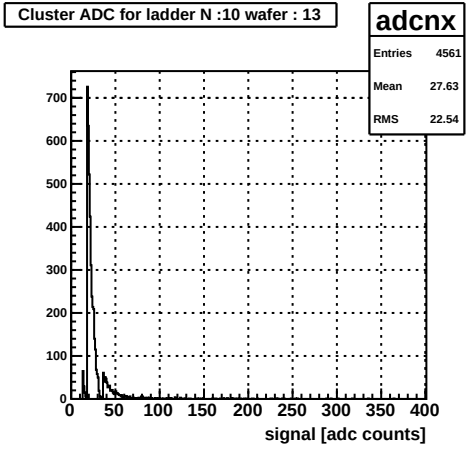

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 1825
Mean 24.49
RMS 33.07
signal [adc counts]

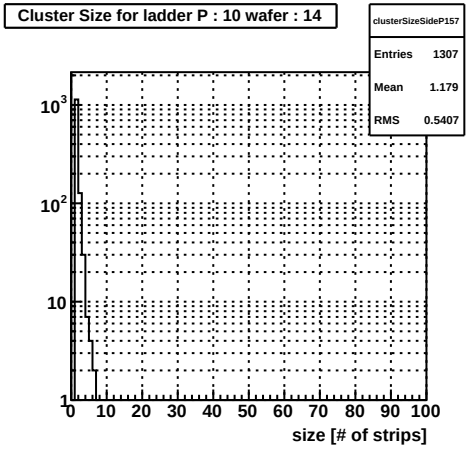

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

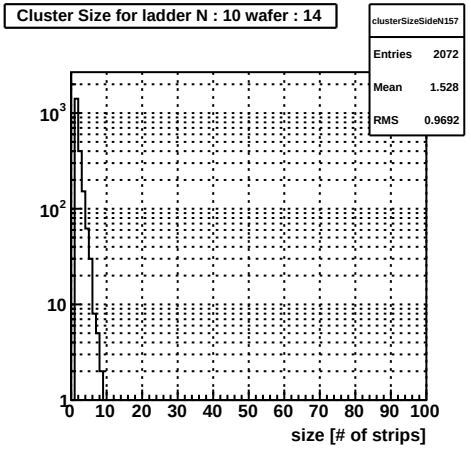

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 4561
Mean 1.155
RMS 0.4391
size [# of strips]

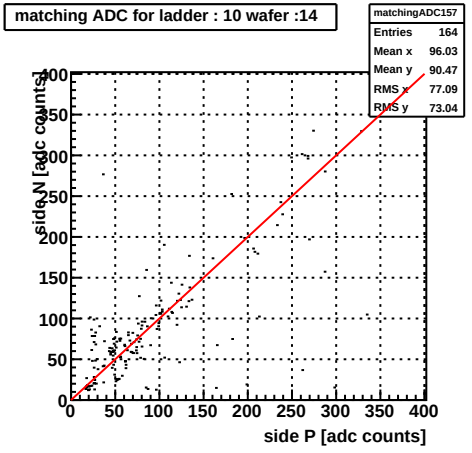

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

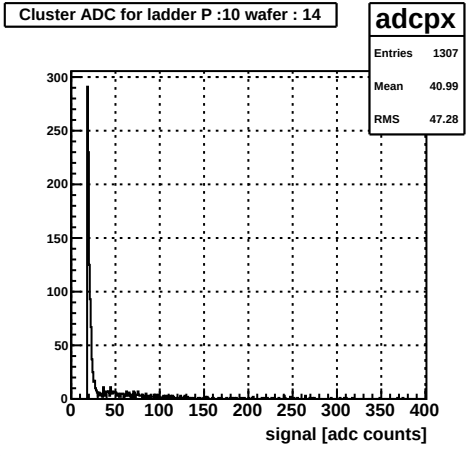

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

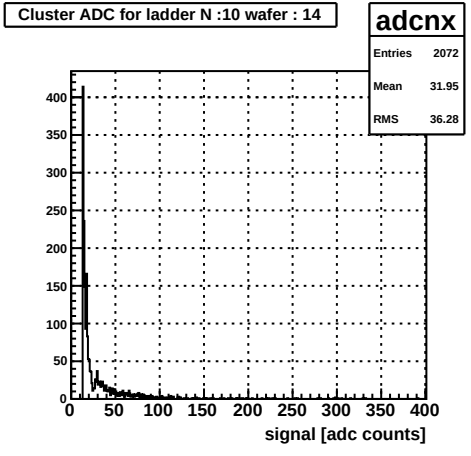

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 4561
Mean 27.63
RMS 22.54
signal [adc counts]

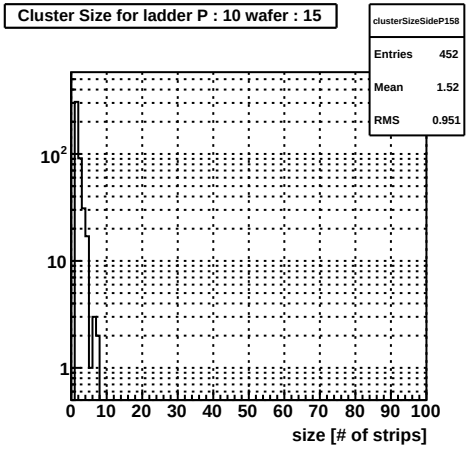

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 1307
Mean 1.179
RMS 0.5407
size [# of strips]

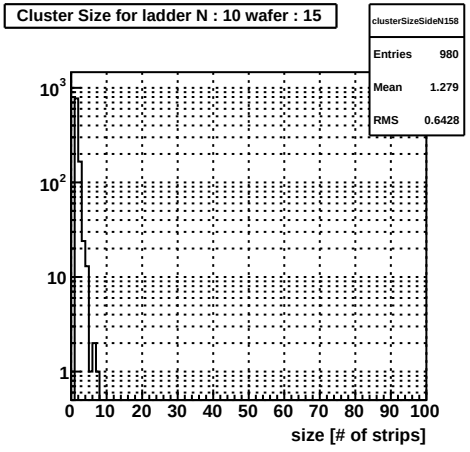

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2072
Mean 1.528
RMS 0.9692
size [# of strips]

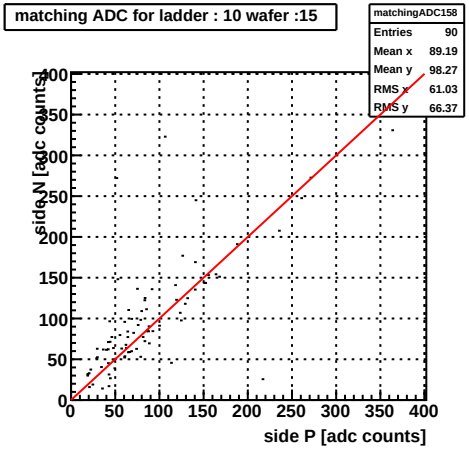

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 164
Mean x 96.03
Mean y 90.47
RMS x 77.09
RMS y 73.04
side N [adc counts]
side P [adc counts]

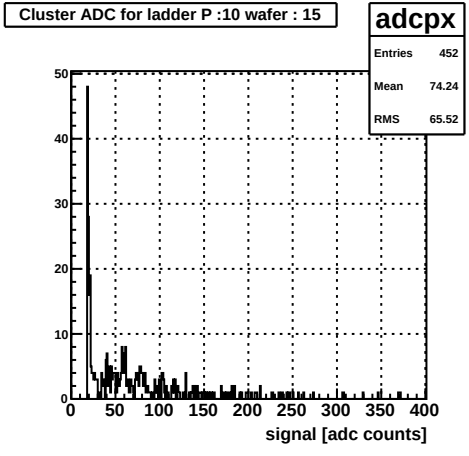

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 1307
Mean 40.99
RMS 47.28
signal [adc counts]

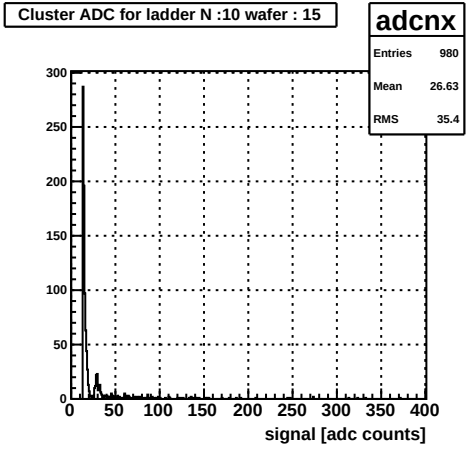

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2072
Mean 31.95
RMS 36.28
signal [adc counts]

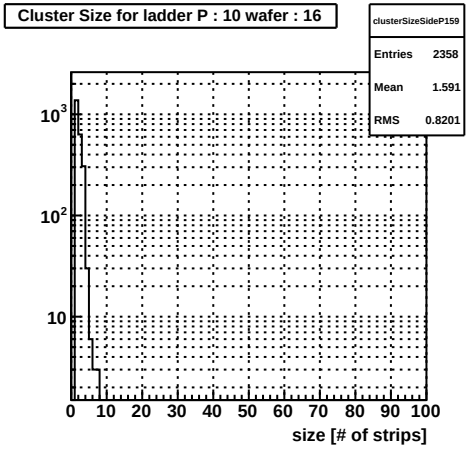

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 452
Mean 1.52
RMS 0.951
size [# of strips]

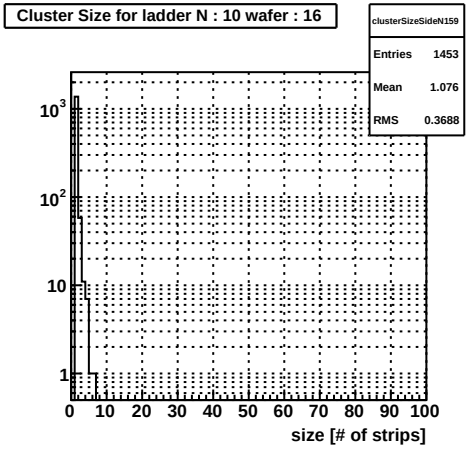

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 980
Mean 1.279
RMS 0.6428
size [# of strips]

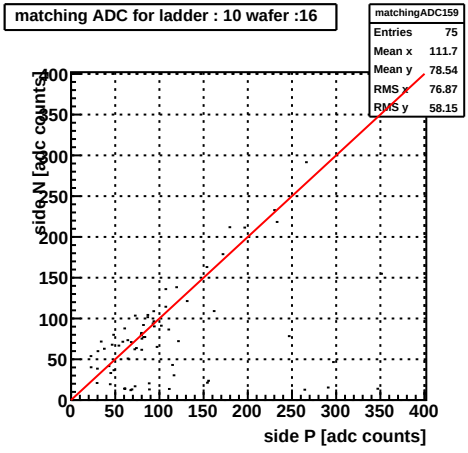

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 90
Mean x 89.19
Mean y 98.27
RMS x 61.03
RMS y 66.37
side N [adc counts]
side P [adc counts]

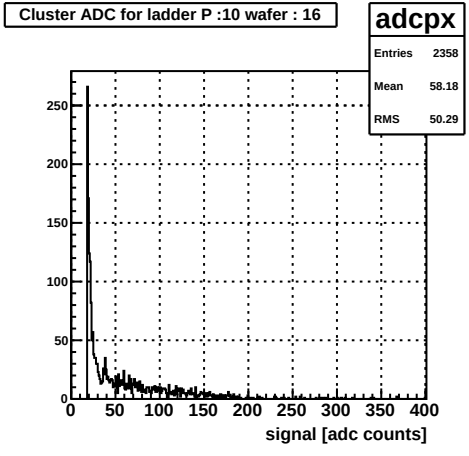

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 452
Mean 74.24
RMS 65.52
signal [adc counts]

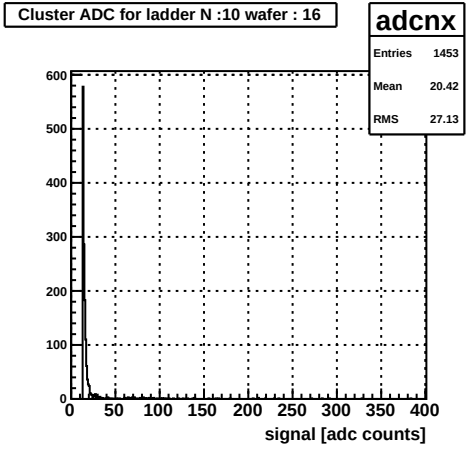

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 980
Mean 26.63
RMS 35.4
signal [adc counts]

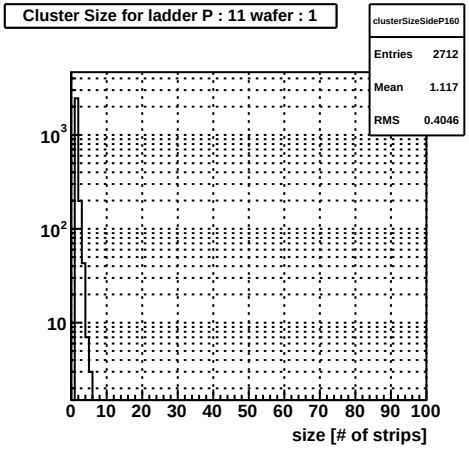

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 2358
Mean 1.591
RMS 0.8201
size [# of strips]

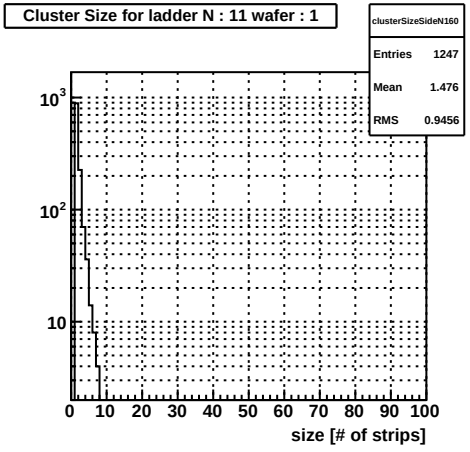

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 1453
Mean 1.076
RMS 0.3688
size [# of strips]

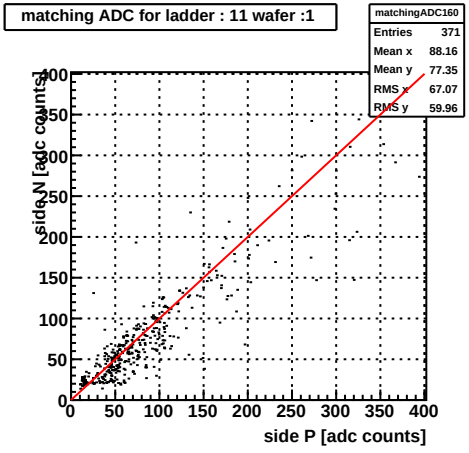

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 75
Mean x 111.7
Mean y 78.54
RMS x 76.87
RMS y 58.15
side N [adc counts]
side P [adc counts]

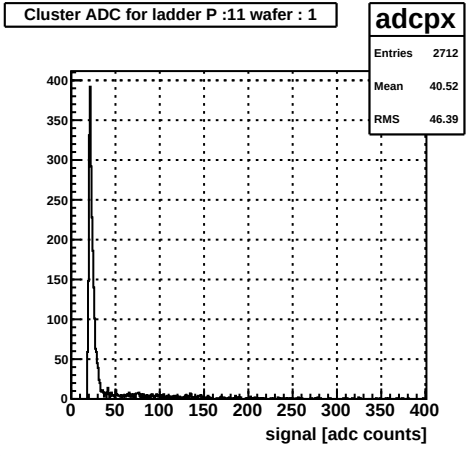

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 2358
Mean 58.18
RMS 50.29
signal [adc counts]

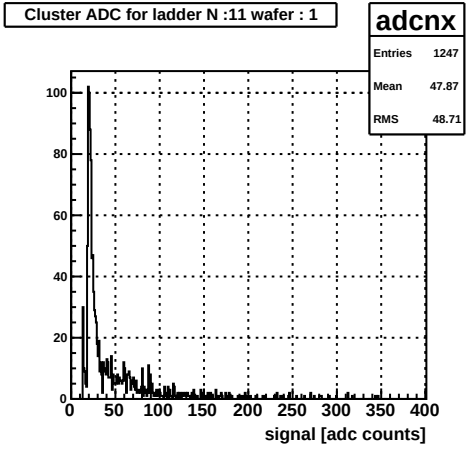

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 1453
Mean 20.42
RMS 27.13
signal [adc counts]

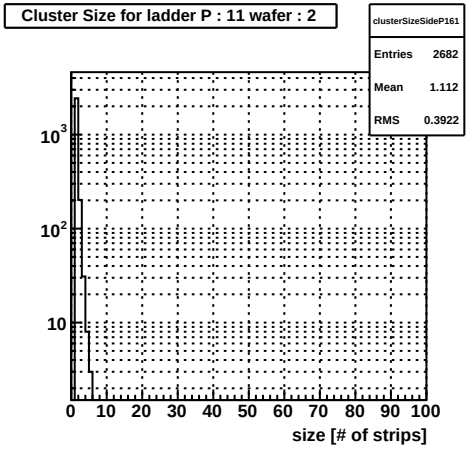

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 2712
Mean 1.117
RMS 0.4046
size [# of strips]

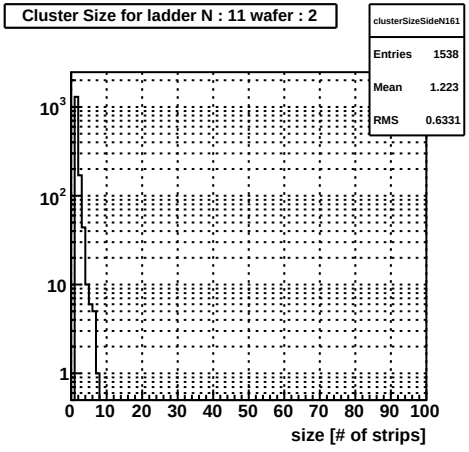

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1247
Mean 1.476
RMS 0.9456
size [# of strips]

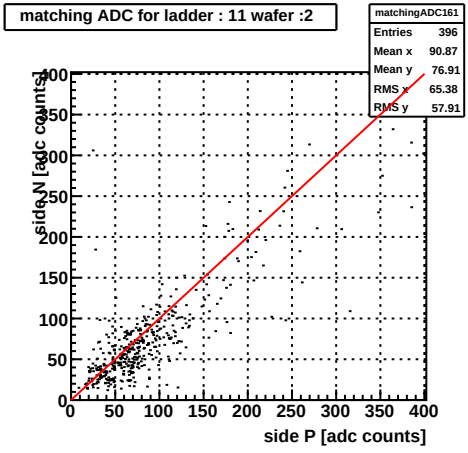

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 371
Mean x 88.16
Mean y 77.35
RMS x 67.07
RMS y 59.96
side N [adc counts]
side P [adc counts]

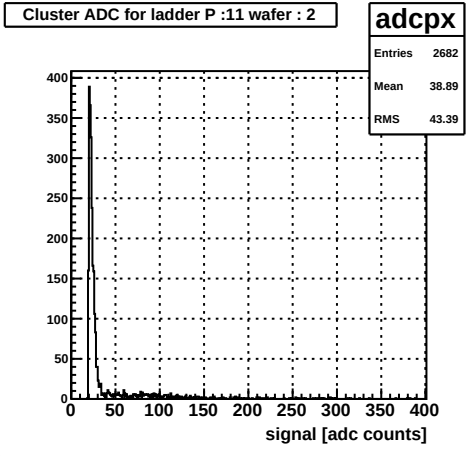

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 2712
Mean 40.52
RMS 46.39
signal [adc counts]

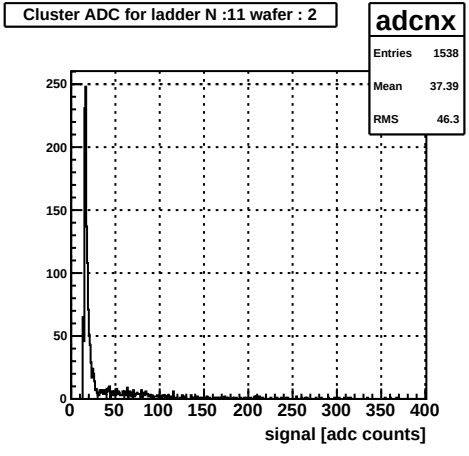

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1247
Mean 47.87
RMS 48.71
signal [adc counts]

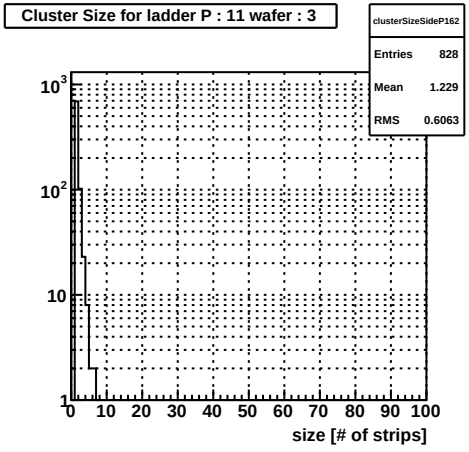

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 2682
Mean 1.112
RMS 0.3922
size [# of strips]

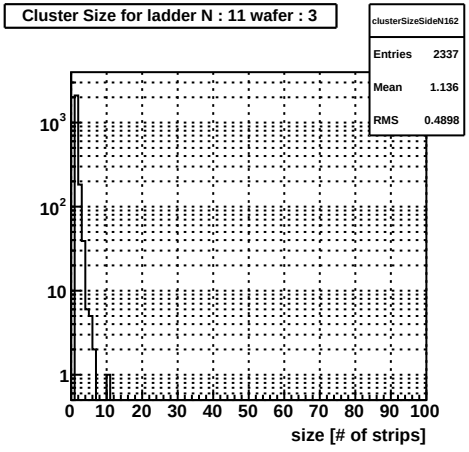

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 1538
Mean 1.223
RMS 0.6331
size [# of strips]

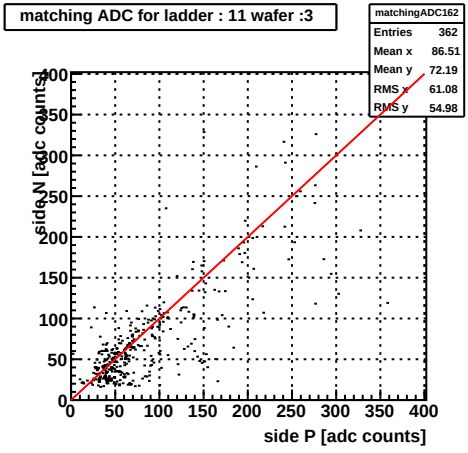

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 396
Mean x 90.87
Mean y 76.91
RMS x 65.38
RMS y 57.91
side N [adc counts]
side P [adc counts]

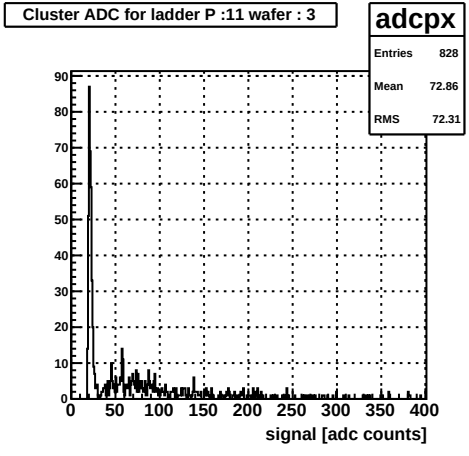

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 2682
Mean 38.89
RMS 43.39
signal [adc counts]

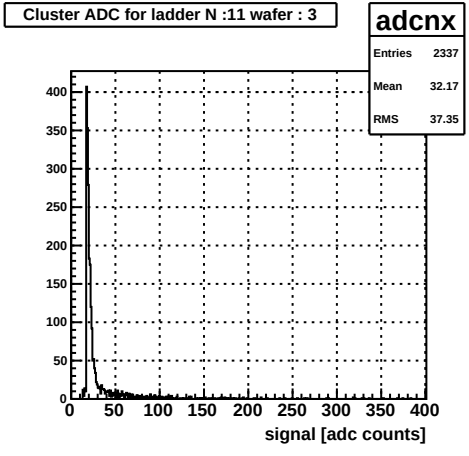

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 1538
Mean 37.39
RMS 46.3
signal [adc counts]

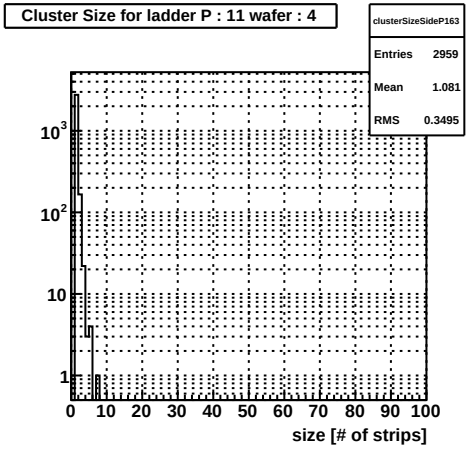

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 828
Mean 1.229
RMS 0.6063
size [# of strips]

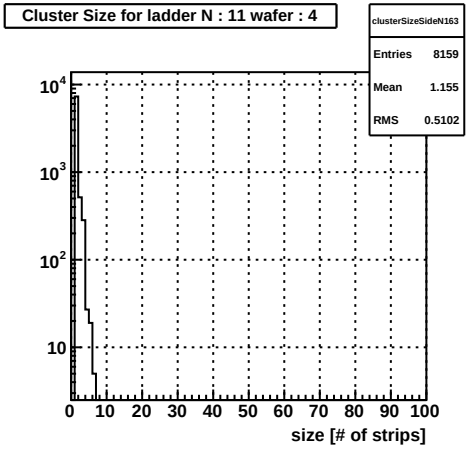

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 2337
Mean 1.136
RMS 0.4898
size [# of strips]

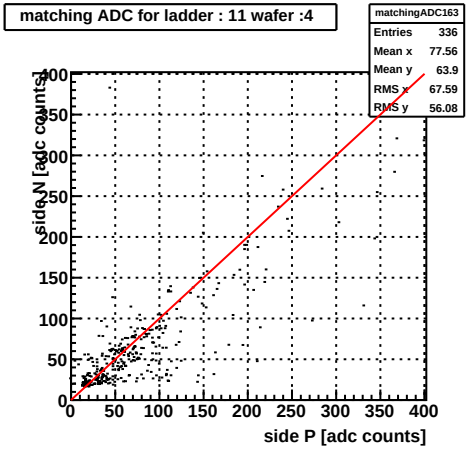

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 362
Mean x 86.51
Mean y 72.19
RMS x 61.08
RMS y 54.98
side N [adc counts]
side P [adc counts]

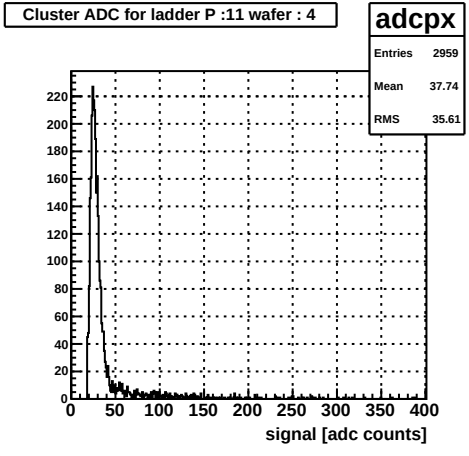

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 828
Mean 72.86
RMS 72.31
signal [adc counts]

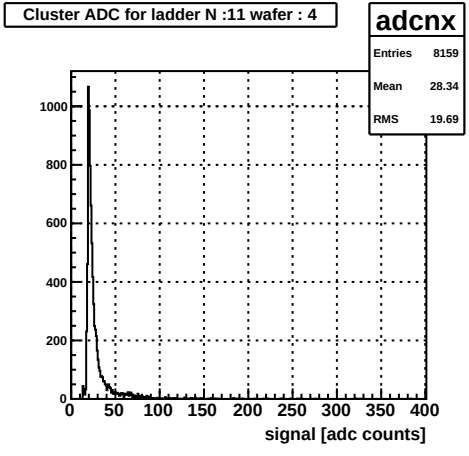

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 2337
Mean 32.17
RMS 37.35
signal [adc counts]

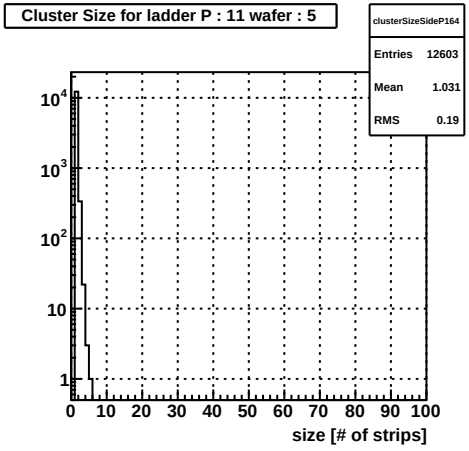

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 2959
Mean 1.081
RMS 0.3495
size [# of strips]

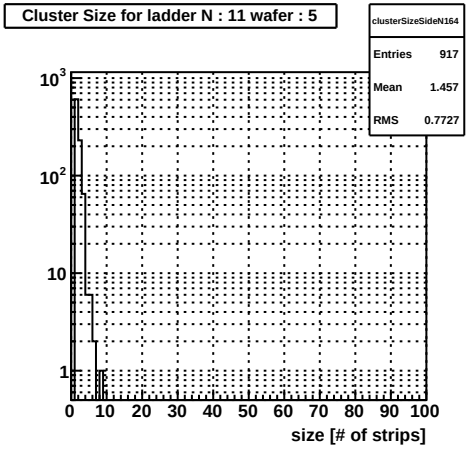

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 8159
Mean 1.155
RMS 0.5102
size [# of strips]

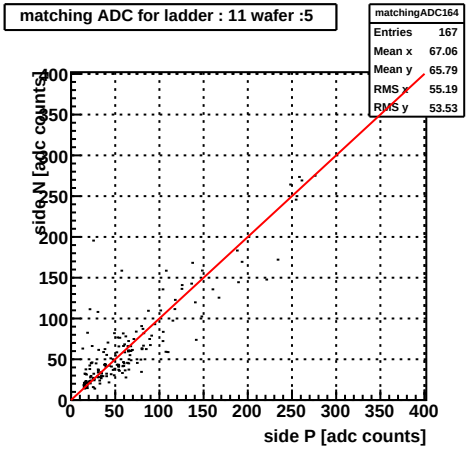

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 336
Mean x 77.56
Mean y 63.9
RMS x 67.59
RMS y 56.08
side N [adc counts]
side P [adc counts]

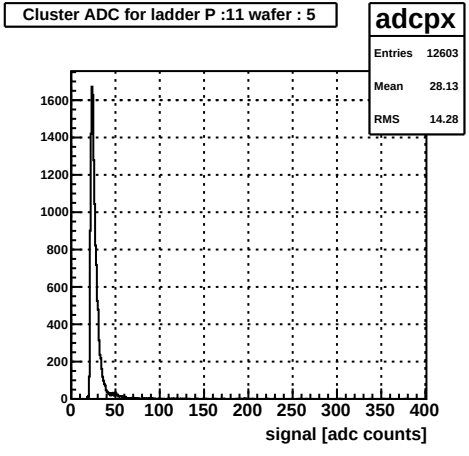

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 2959
Mean 37.74
RMS 35.61
signal [adc counts]

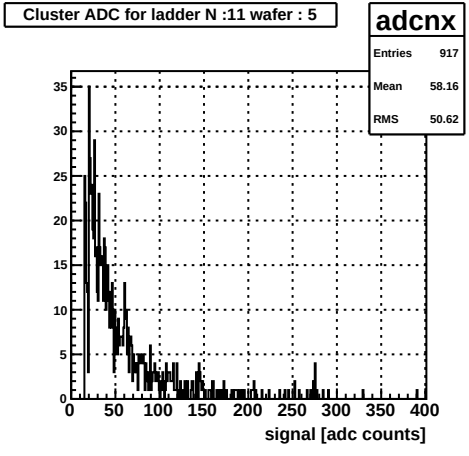

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 8159
Mean 28.34
RMS 19.69
signal [adc counts]

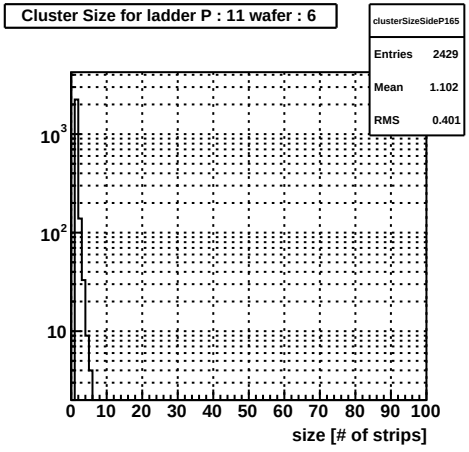

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 12603
Mean 1.031
RMS 0.19
size [# of strips]

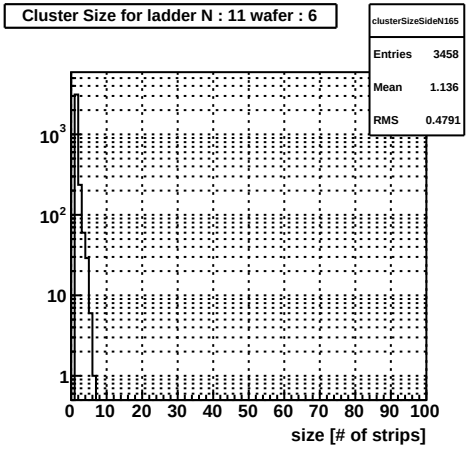

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 917
Mean 1.457
RMS 0.7727
size [# of strips]

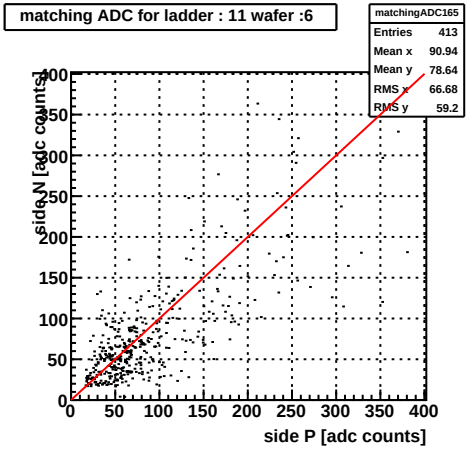

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 167
Mean x 67.06
Mean y 65.79
RMS x 55.19
RMS y 53.53
side N [adc counts]
side P [adc counts]

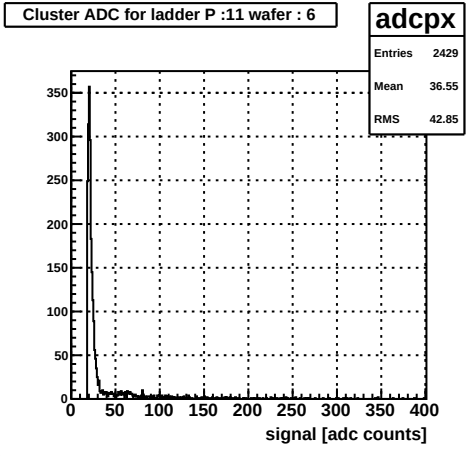

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 12603
Mean 28.13
RMS 14.28
signal [adc counts]

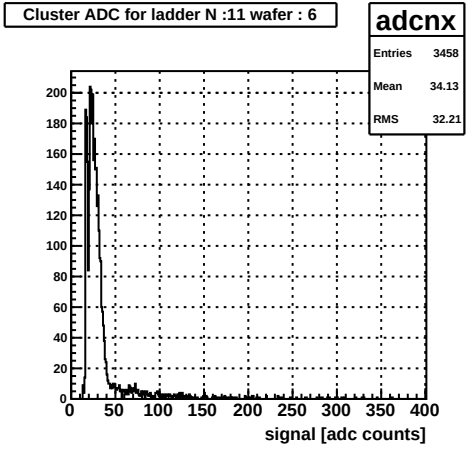

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 917
Mean 58.16
RMS 50.62
signal [adc counts]

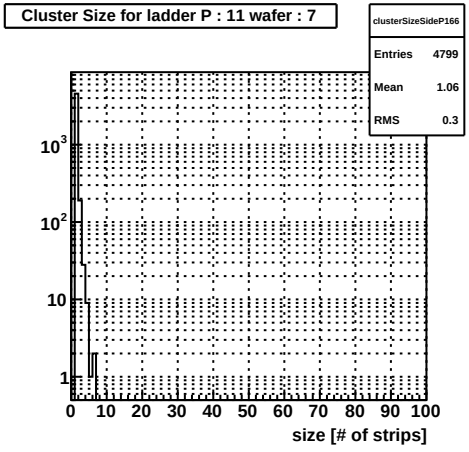

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 2429
Mean 1.102
RMS 0.401
size [# of strips]

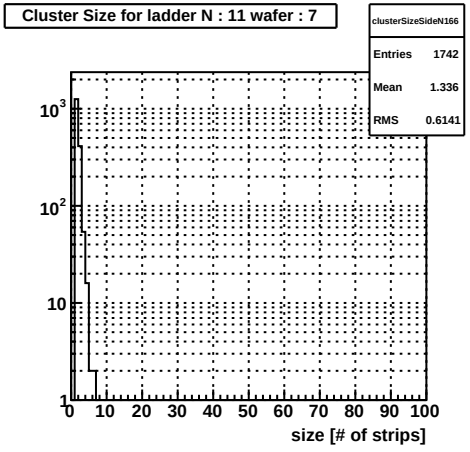

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 3458
Mean 1.136
RMS 0.4791
size [# of strips]

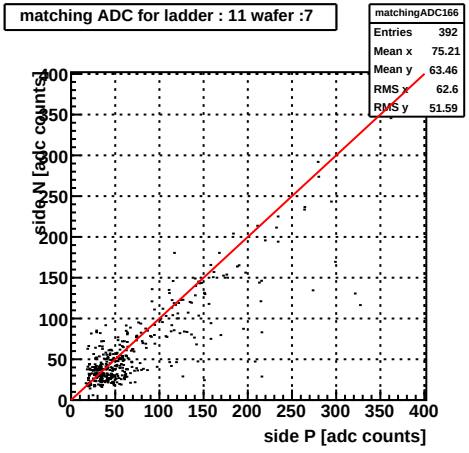

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 413
Mean x 90.94
Mean y 78.64
RMS x 66.68
RMS y 59.2
side N [adc counts]
side P [adc counts]

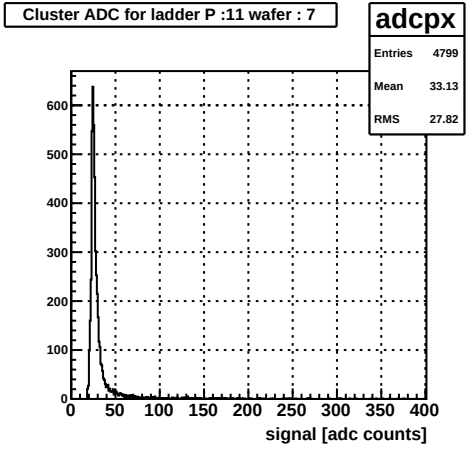

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 2429
Mean 36.55
RMS 42.85
signal [adc counts]

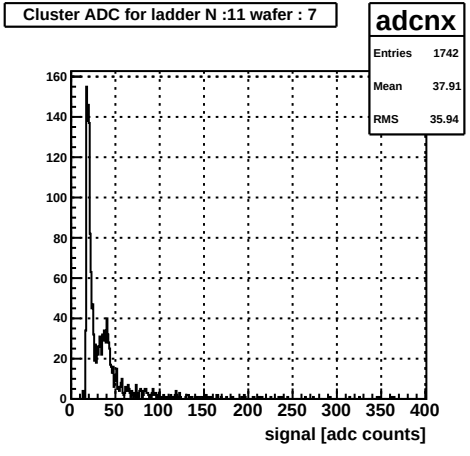

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 3458
Mean 34.13
RMS 32.21
signal [adc counts]

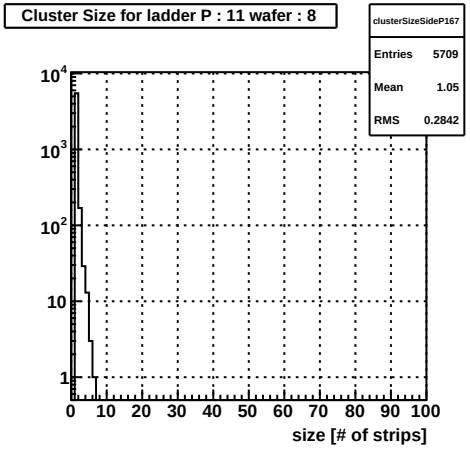

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 4799
Mean 1.06
RMS 0.3
size [# of strips]

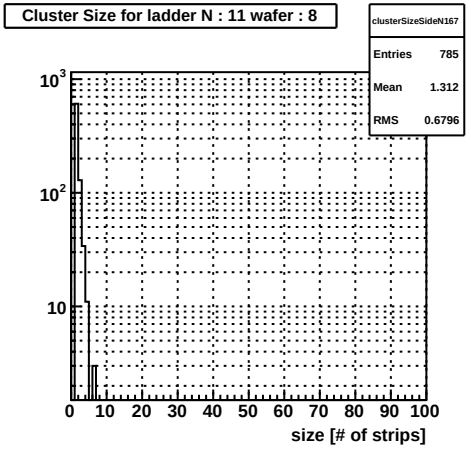

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 1742
Mean 1.336
RMS 0.6141
size [# of strips]

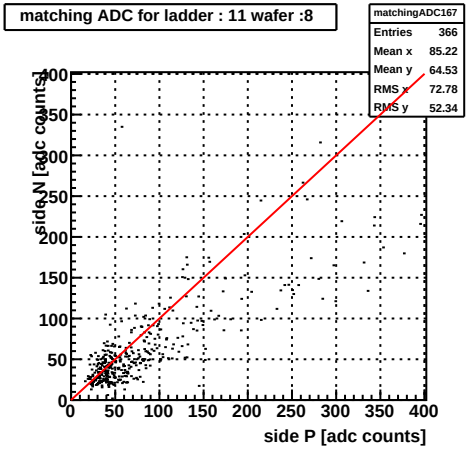

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 392
Mean x 75.21
Mean y 63.46
RMS x 62.6
RMS y 51.59
side N [adc counts]
side P [adc counts]

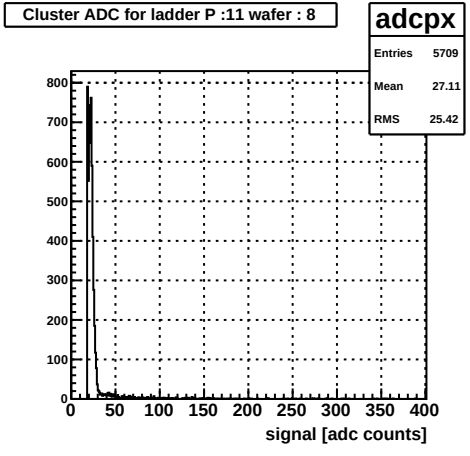

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 4799
Mean 33.13
RMS 27.82
signal [adc counts]

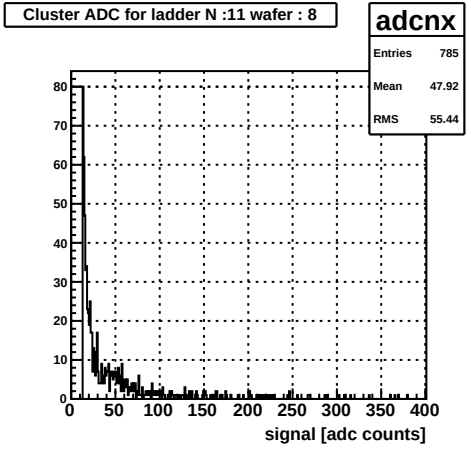

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 1742
Mean 37.91
RMS 35.94
signal [adc counts]

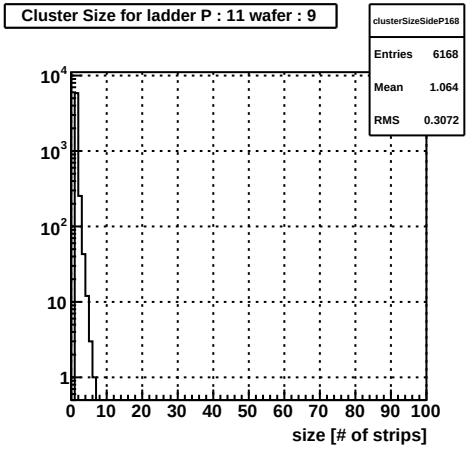

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 5709
Mean 1.05
RMS 0.2842
size [# of strips]

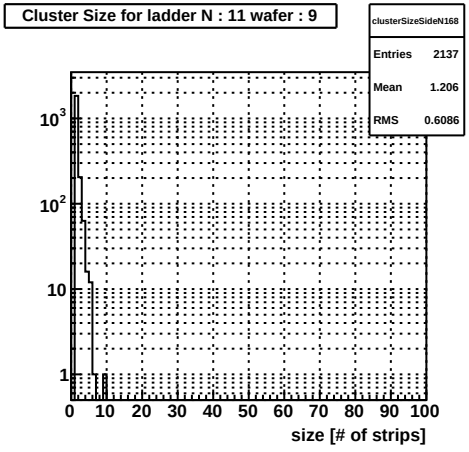

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 785
Mean 1.312
RMS 0.6796
size [# of strips]

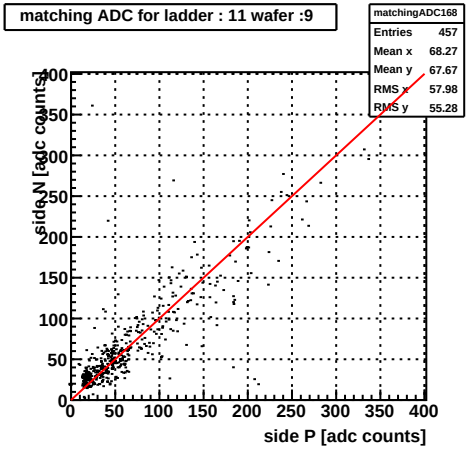

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 366
Mean x 85.22
Mean y 64.53
RMS x 72.78
RMS y 52.34
side N [adc counts]
side P [adc counts]

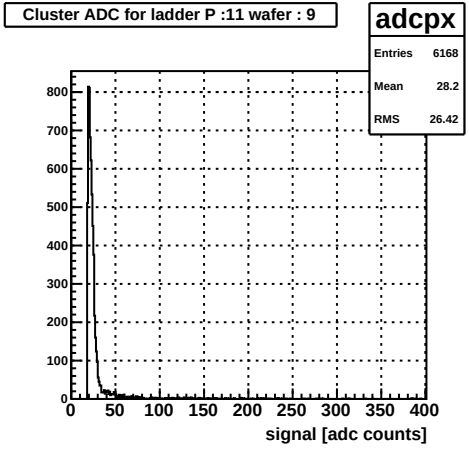

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 5709
Mean 27.11
RMS 25.42
signal [adc counts]

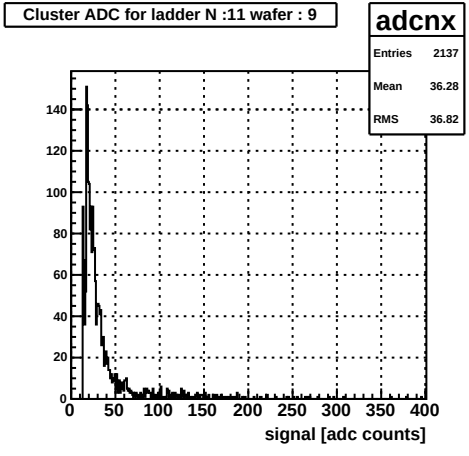

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 785
Mean 47.92
RMS 55.44
signal [adc counts]

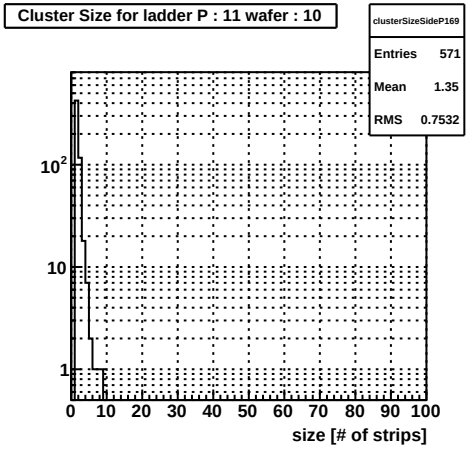

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 6168
Mean 1.064
RMS 0.3072
size [# of strips]

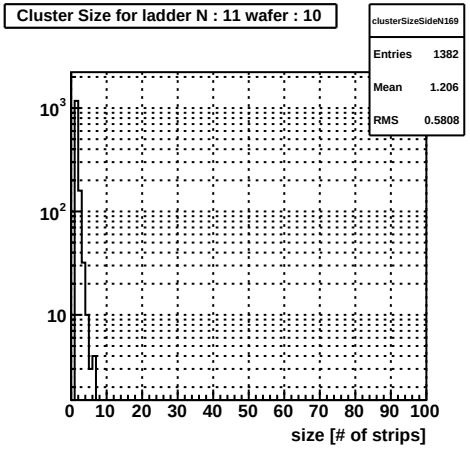

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 2137
Mean 1.206
RMS 0.6086
size [# of strips]

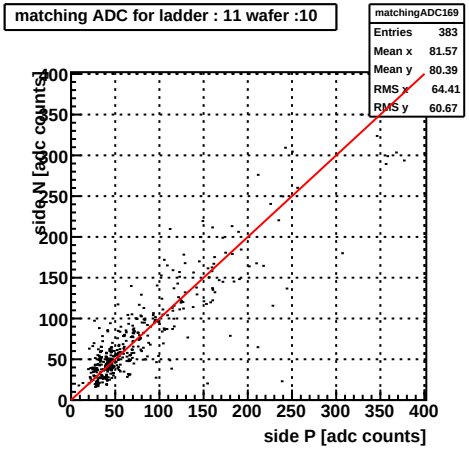

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 457
Mean x 68.27
Mean y 67.67
RMS x 57.98
RMS y 55.28
side N [adc counts]
side P [adc counts]

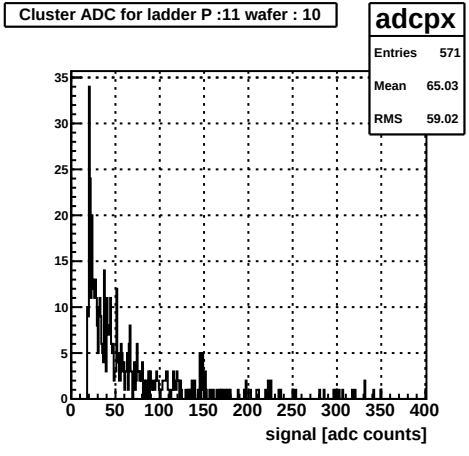

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 6168
Mean 28.2
RMS 26.42
signal [adc counts]

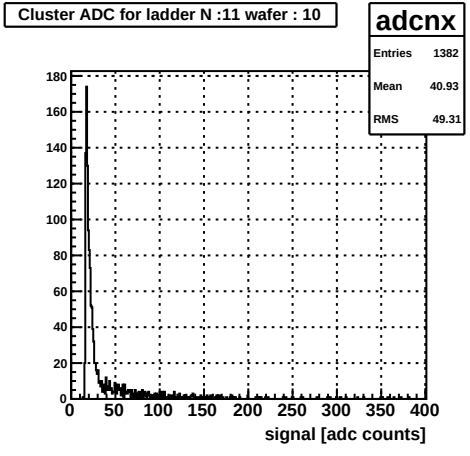

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 2137
Mean 36.28
RMS 36.82
signal [adc counts]

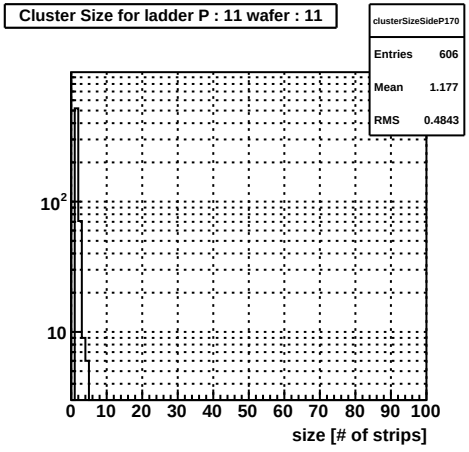

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 571
Mean 1.35
RMS 0.7532
size [# of strips]

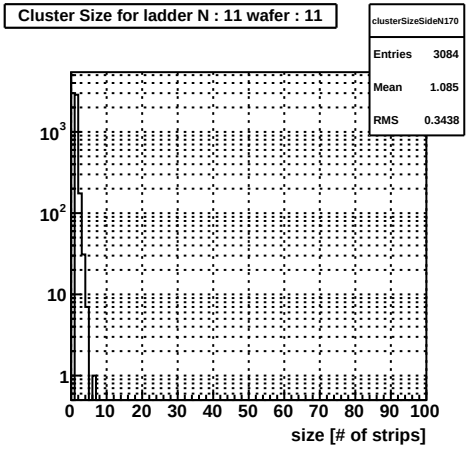

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 1382
Mean 1.206
RMS 0.5808
size [# of strips]

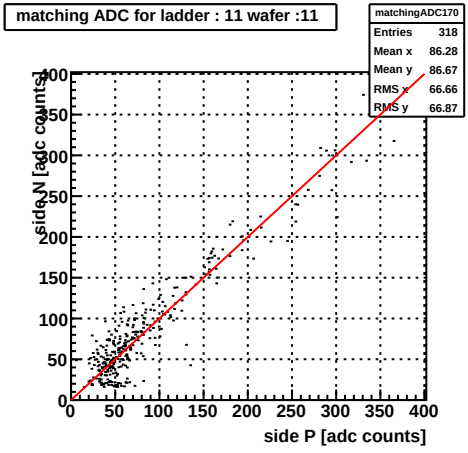

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 383
Mean x 81.57
Mean y 80.39
RMS x 64.41
RMS y 60.67
side N [adc counts]
side P [adc counts]

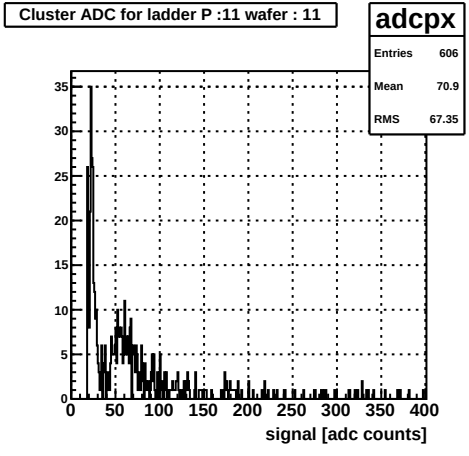

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 571
Mean 65.03
RMS 59.02
signal [adc counts]

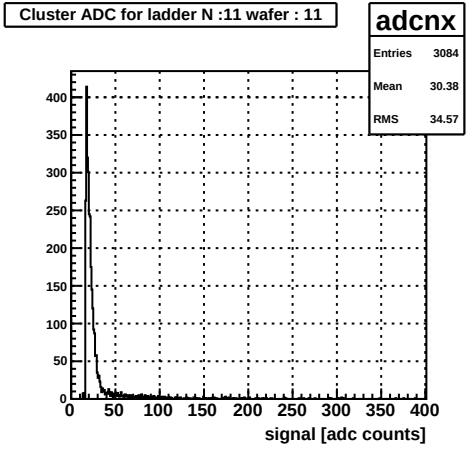

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 1382
Mean 40.93
RMS 49.31
signal [adc counts]

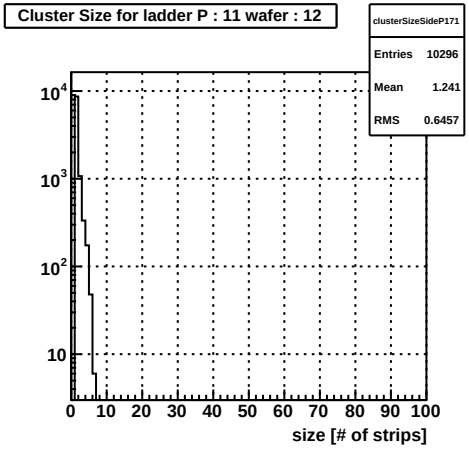

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 606
Mean 1.177
RMS 0.4843
size [# of strips]

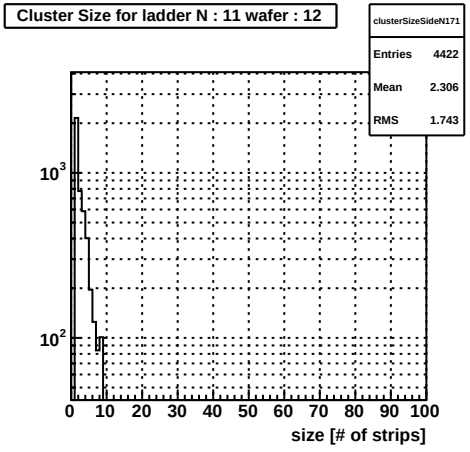

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 3084
Mean 1.085
RMS 0.3438
size [# of strips]

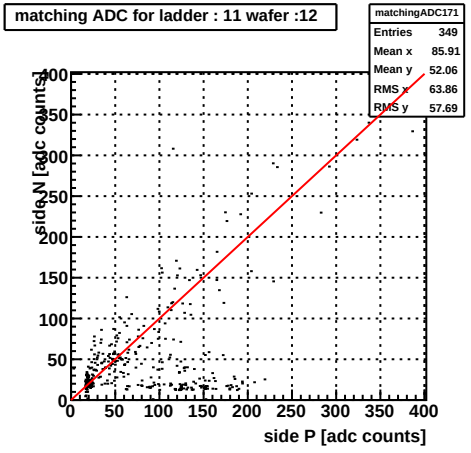

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 318
Mean x 86.28
Mean y 86.67
RMS x 66.66
RMS y 66.87
side N [adc counts]
side P [adc counts]

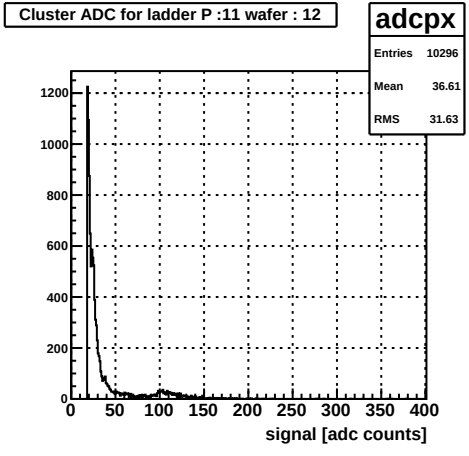

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 606
Mean 70.9
RMS 67.35
signal [adc counts]

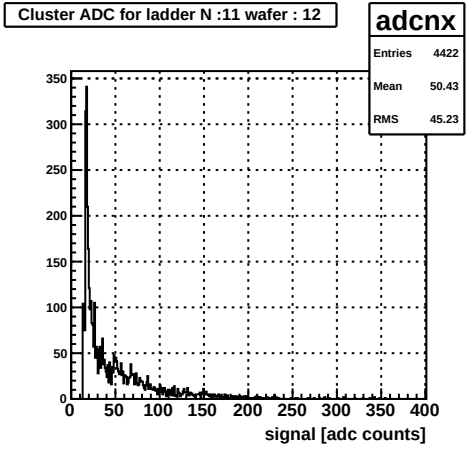

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 3084
Mean 30.38
RMS 34.57
signal [adc counts]

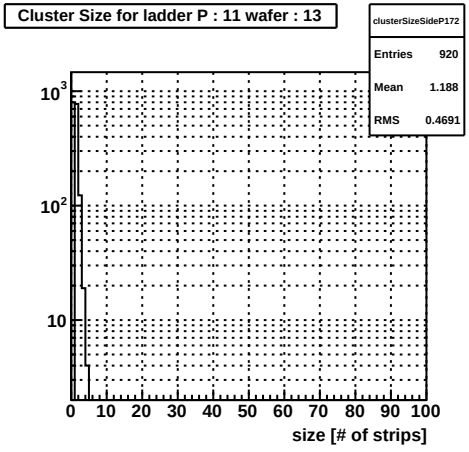

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 10296
Mean 1.241
RMS 0.6457
size [# of strips]

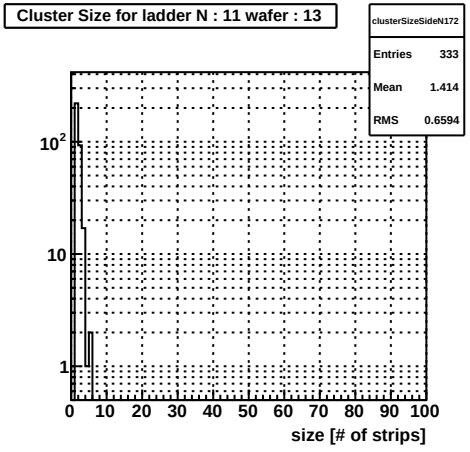

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 4422
Mean 2.306
RMS 1.743
size [# of strips]

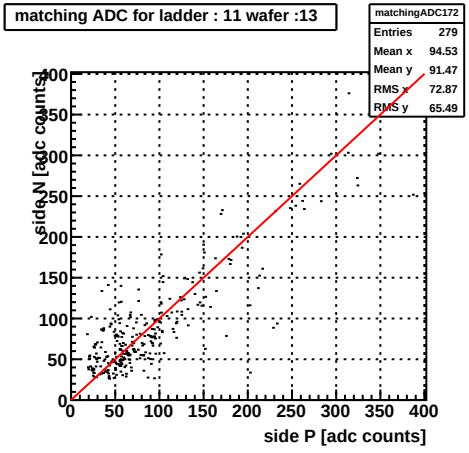

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 349
Mean x 85.91
Mean y 52.06
RMS x 63.86
RMS y 57.69
side N [adc counts]
side P [adc counts]

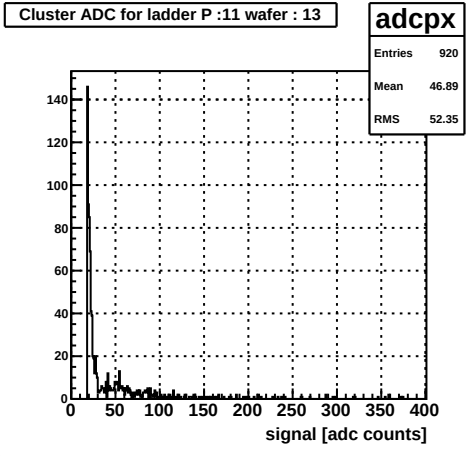

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 10296
Mean 36.61
RMS 31.63
signal [adc counts]

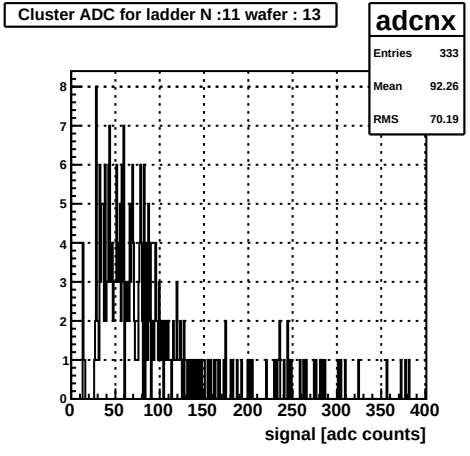

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 4422
Mean 50.43
RMS 45.23
signal [adc counts]

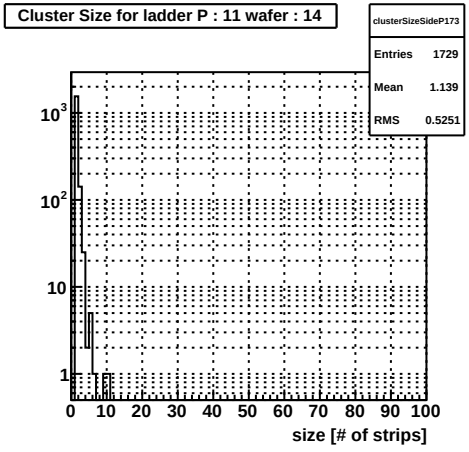

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 920
Mean 1.188
RMS 0.4691
size [# of strips]

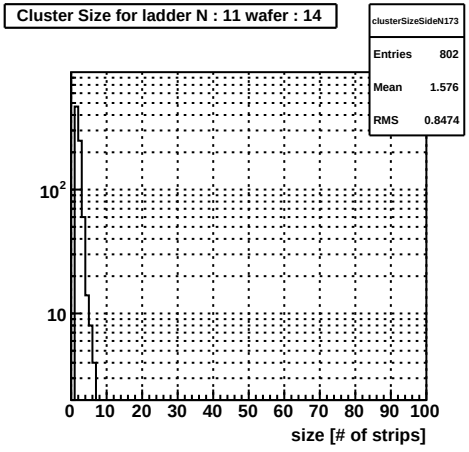

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 333
Mean 1.414
RMS 0.6594
size [# of strips]

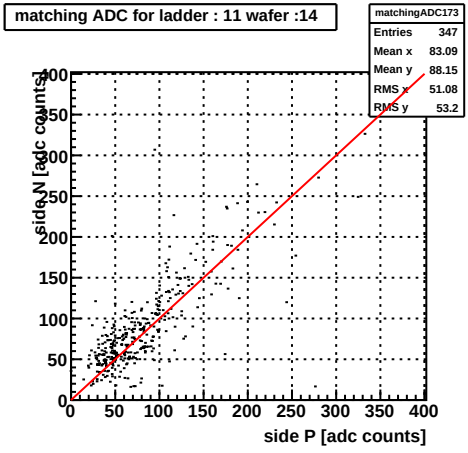

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 279
Mean x 94.53
Mean y 91.47
RMS x 72.87
RMS y 65.49
side N [adc counts]
side P [adc counts]

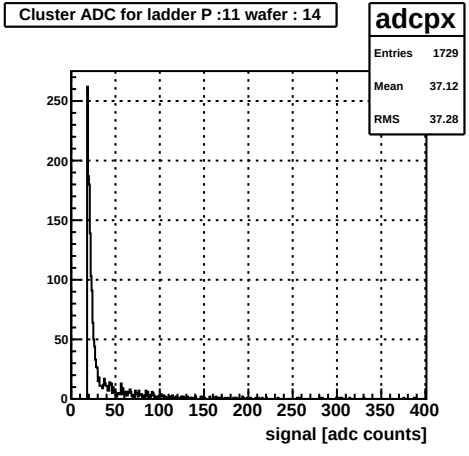

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 920
Mean 46.89
RMS 52.35
signal [adc counts]

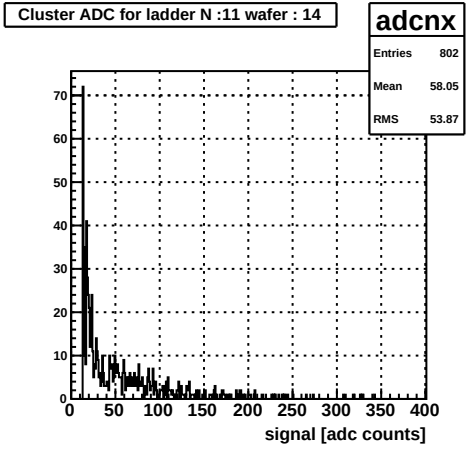

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 333
Mean 92.26
RMS 70.19
signal [adc counts]

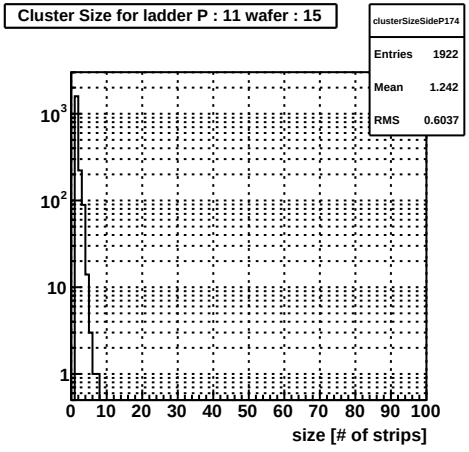

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 1729
Mean 1.139
RMS 0.5251
size [# of strips]

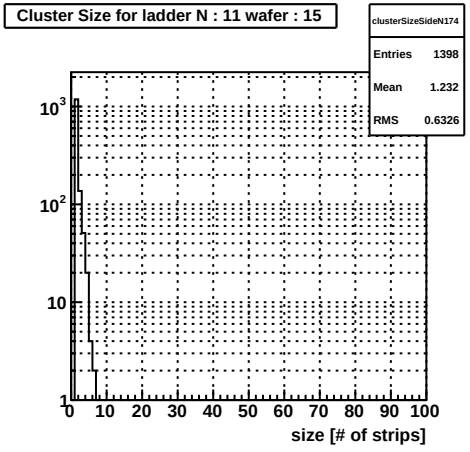

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 802
Mean 1.576
RMS 0.8474
size [# of strips]

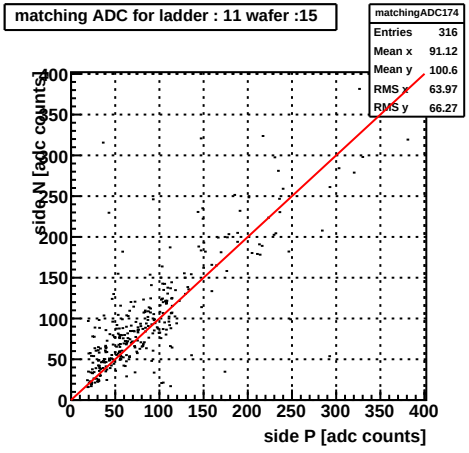

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 347
Mean x 83.09
Mean y 88.15
RMS x 51.08
RMS y 53.2
side N [adc counts]
side P [adc counts]

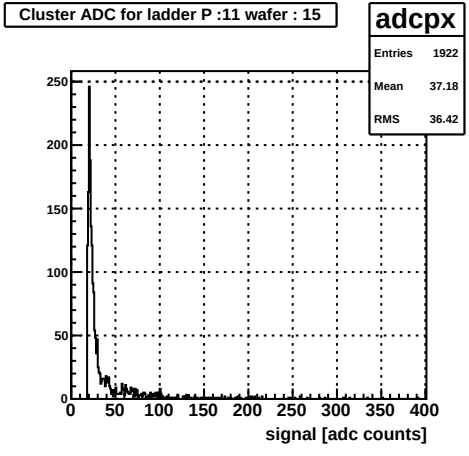

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 1729
Mean 37.12
RMS 37.28
signal [adc counts]

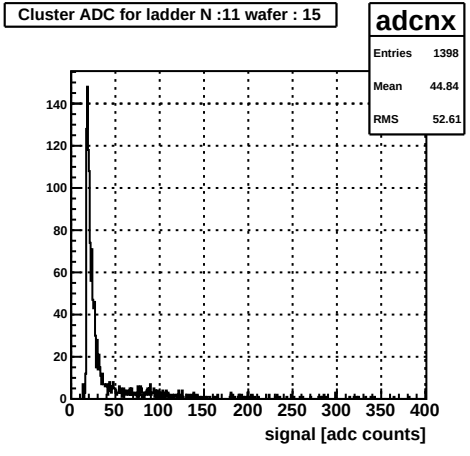

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 802
Mean 58.05
RMS 53.87
signal [adc counts]

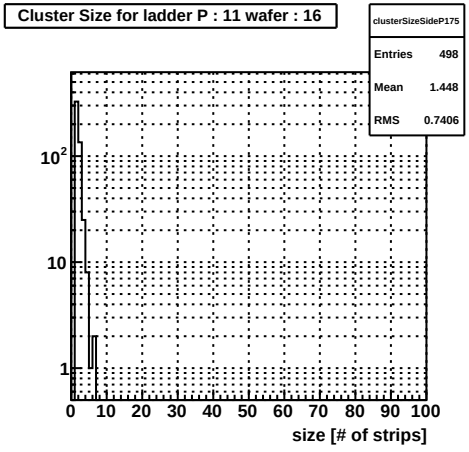

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 1922
Mean 1.242
RMS 0.6037
size [# of strips]

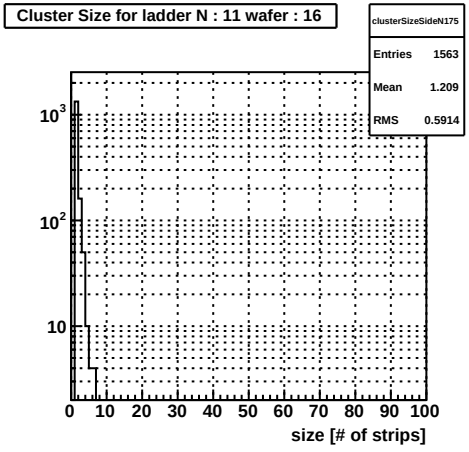

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 1398
Mean 1.232
RMS 0.6326
size [# of strips]

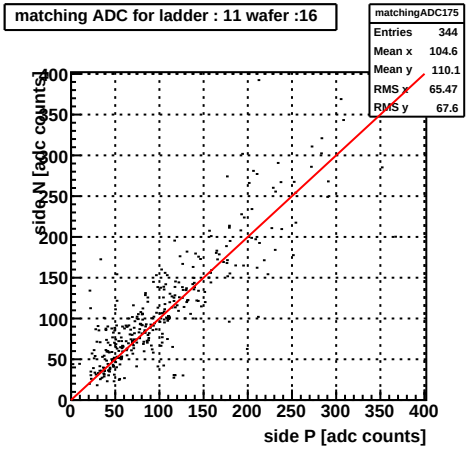

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 316
Mean x 91.12
Mean y 100.6
RMS x 63.97
RMS y 66.27
side N [adc counts]
side P [adc counts]

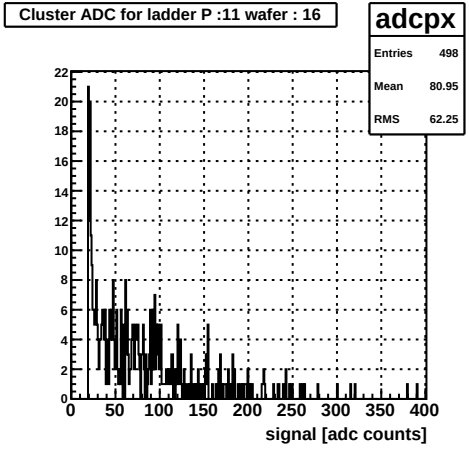

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 1922
Mean 37.18
RMS 36.42
signal [adc counts]

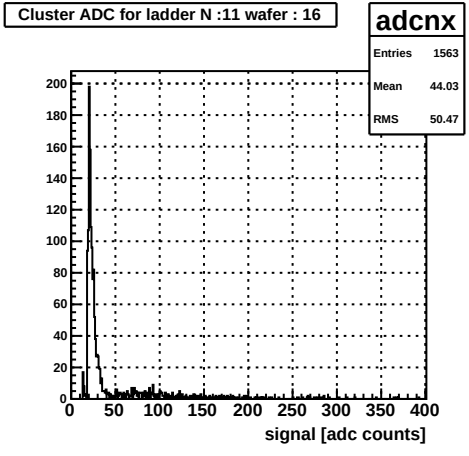

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 1398
Mean 44.84
RMS 52.61
signal [adc counts]

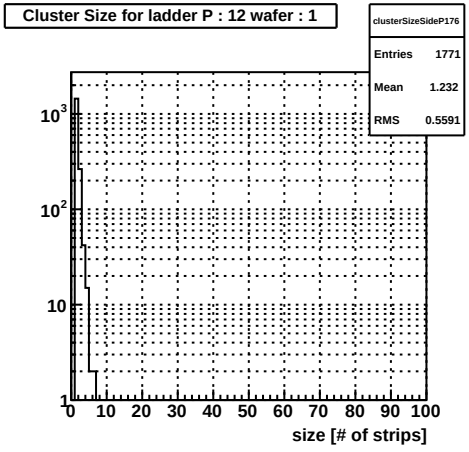

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 498
Mean 1.448
RMS 0.7406
size [# of strips]

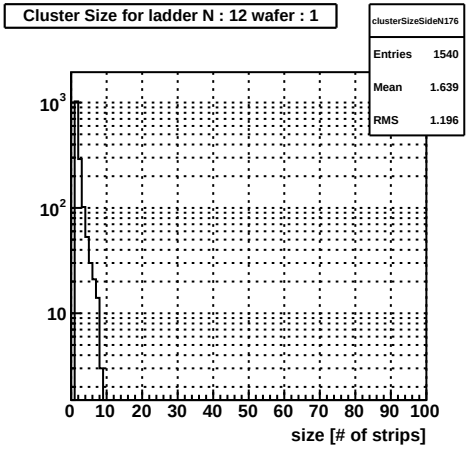

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 1563
Mean 1.209
RMS 0.5914
size [# of strips]

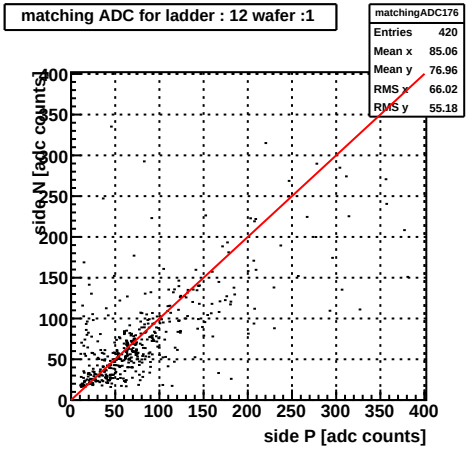

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 344
Mean x 104.6
Mean y 110.1
RMS x 65.47
RMS y 67.6
side N [adc counts]
side P [adc counts]

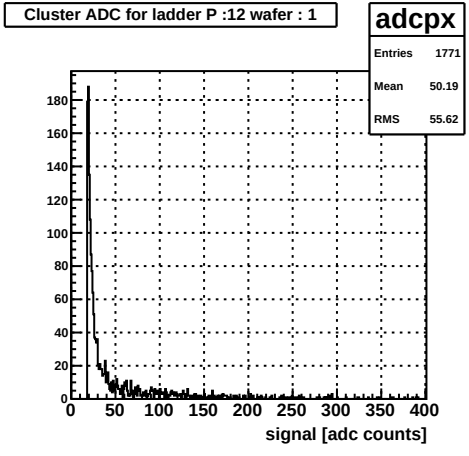

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 498
Mean 80.95
RMS 62.25
signal [adc counts]

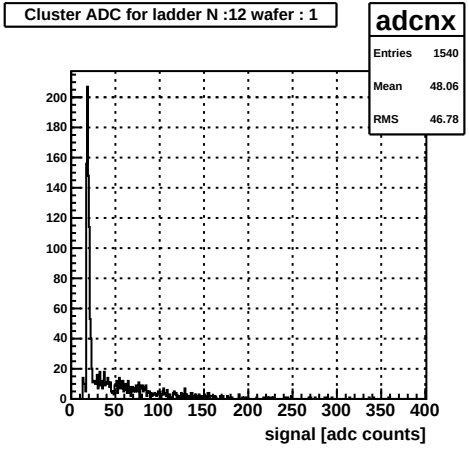

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 1563
Mean 44.03
RMS 50.47
signal [adc counts]

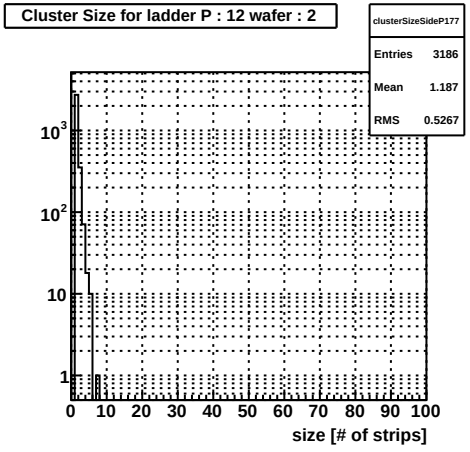

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 1771
Mean 1.232
RMS 0.5591
size [# of strips]

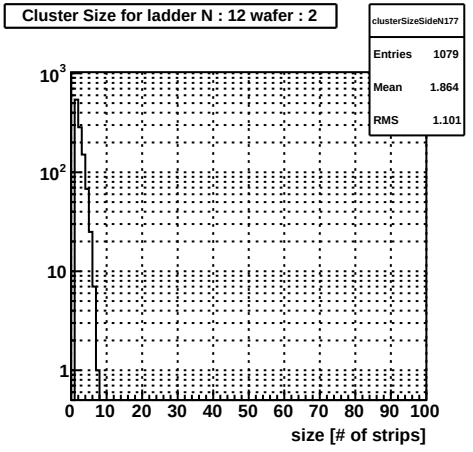

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 1540
Mean 1.639
RMS 1.196
size [# of strips]

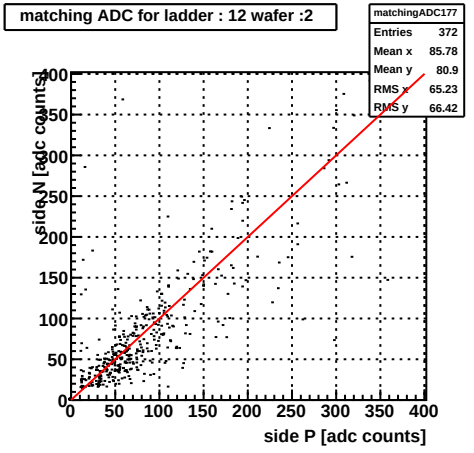

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 420
Mean x 85.06
Mean y 76.96
RMS x 66.02
RMS y 55.18
side N [adc counts]
side P [adc counts]

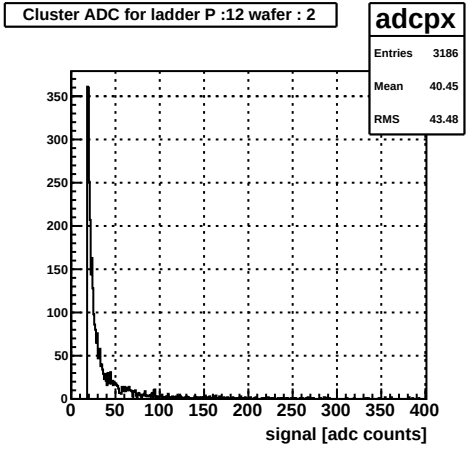

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 1771
Mean 50.19
RMS 55.62
signal [adc counts]

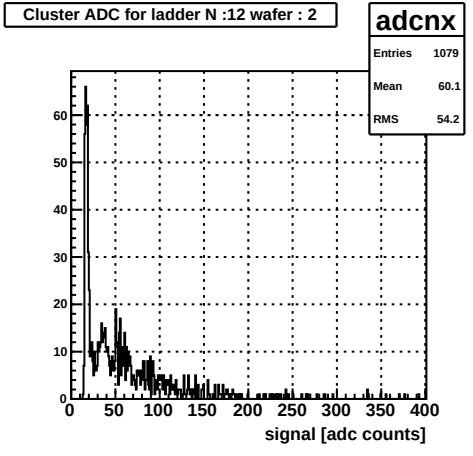

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 1540
Mean 48.06
RMS 46.78
signal [adc counts]

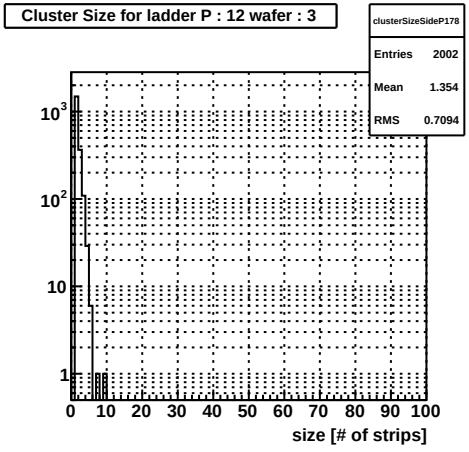

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 3186
Mean 1.187
RMS 0.5267
size [# of strips]

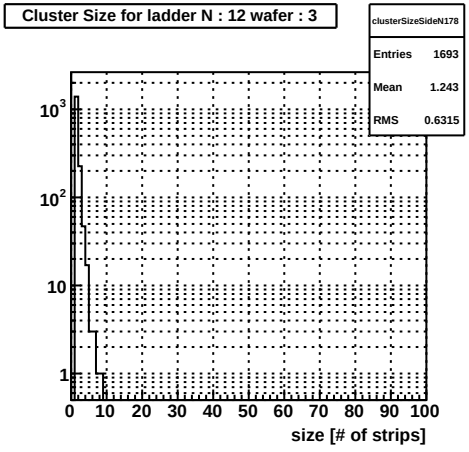

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 1079
Mean 1.864
RMS 1.101
size [# of strips]

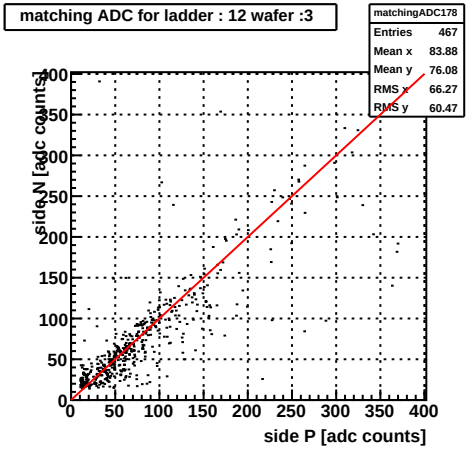

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 372
Mean x 85.78
Mean y 80.9
RMS x 65.23
RMS y 66.42
side N [adc counts]
side P [adc counts]

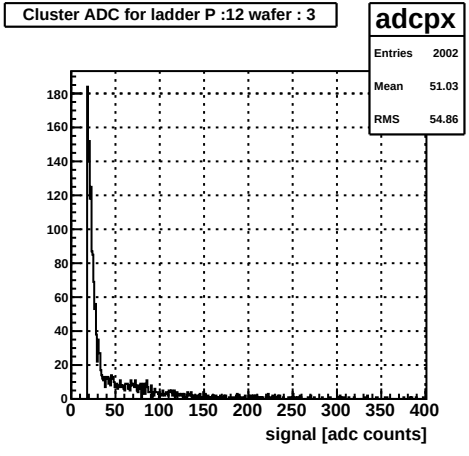

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 3186
Mean 40.45
RMS 43.48
signal [adc counts]

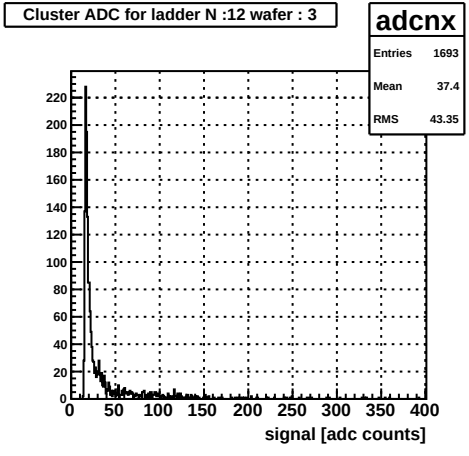

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 1079
Mean 60.1
RMS 54.2
signal [adc counts]

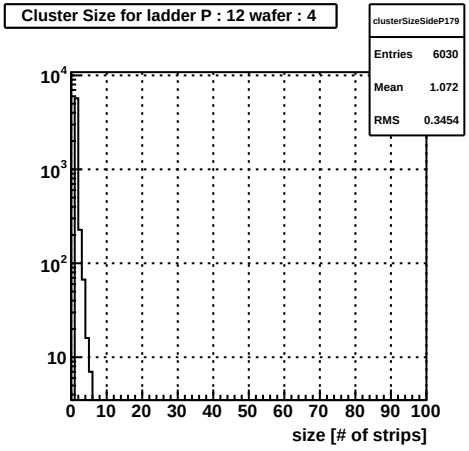

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 2002
Mean 1.354
RMS 0.7094
size [# of strips]

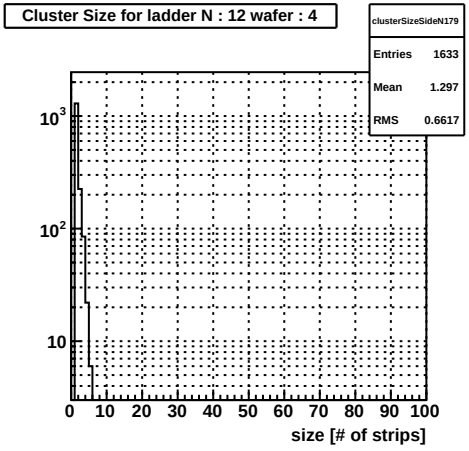

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 1693
Mean 1.243
RMS 0.6315
size [# of strips]

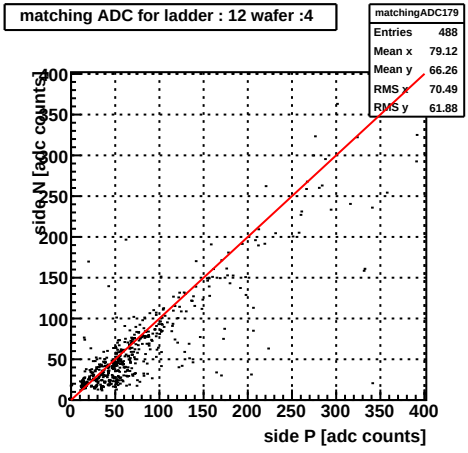

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 467
Mean x 83.88
Mean y 76.08
RMS x 66.27
RMS y 60.47
side N [adc counts]
side P [adc counts]

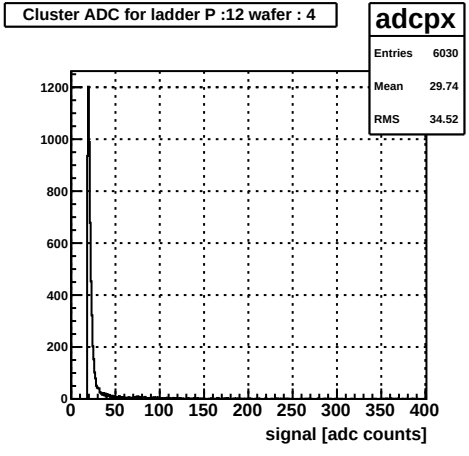

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 2002
Mean 51.03
RMS 54.86
signal [adc counts]

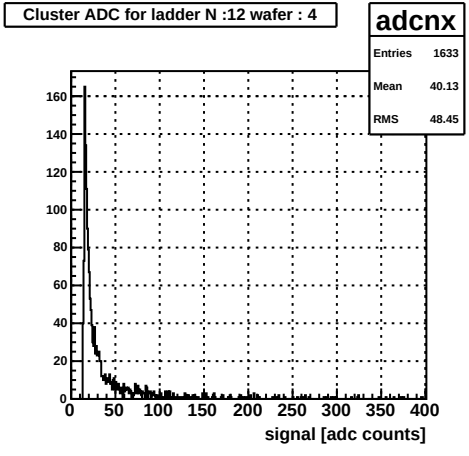

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 1693
Mean 37.4
RMS 43.35
signal [adc counts]

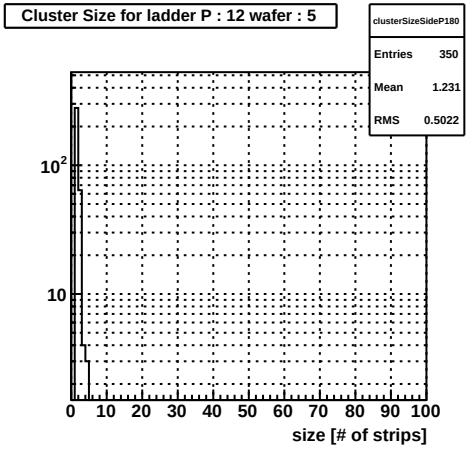

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 6030
Mean 1.072
RMS 0.3454
size [# of strips]

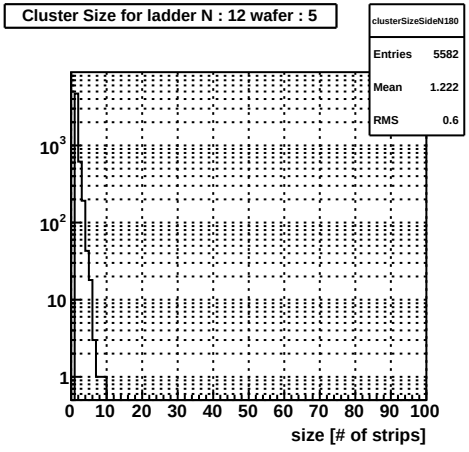

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 1633
Mean 1.297
RMS 0.6617
size [# of strips]

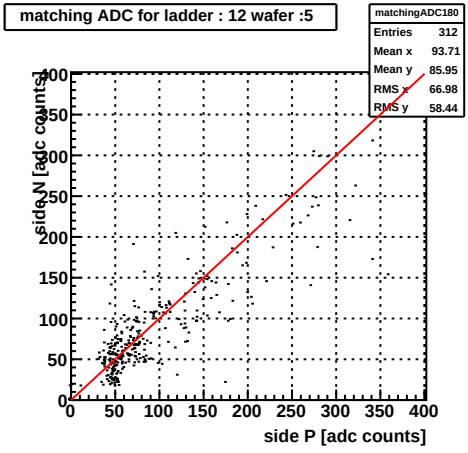

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 488
Mean x 79.12
Mean y 66.26
RMS x 70.49
RMS y 61.88
side N [adc counts]
side P [adc counts]

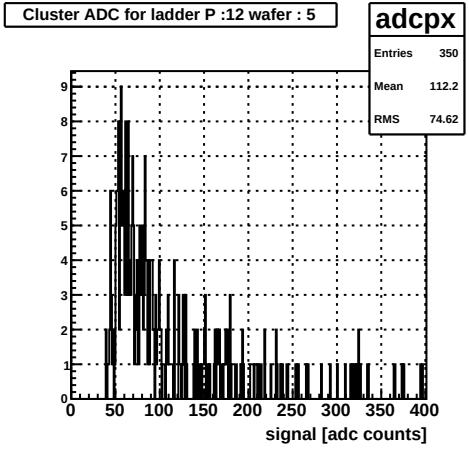

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 6030
Mean 29.74
RMS 34.52
signal [adc counts]

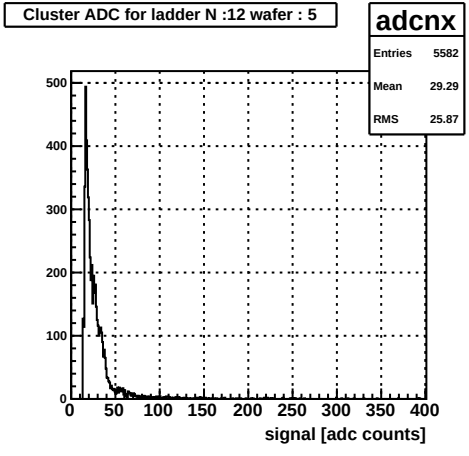

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 1633
Mean 40.13
RMS 48.45
signal [adc counts]

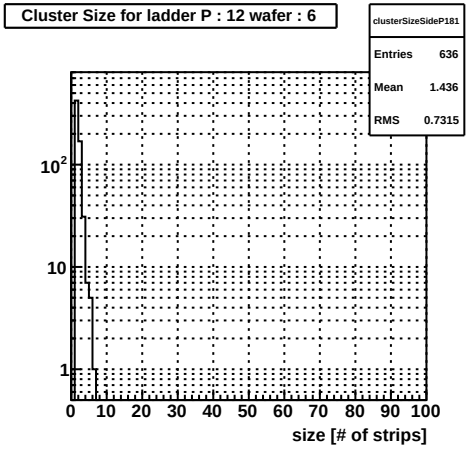

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 350
Mean 1.231
RMS 0.5022
size [# of strips]

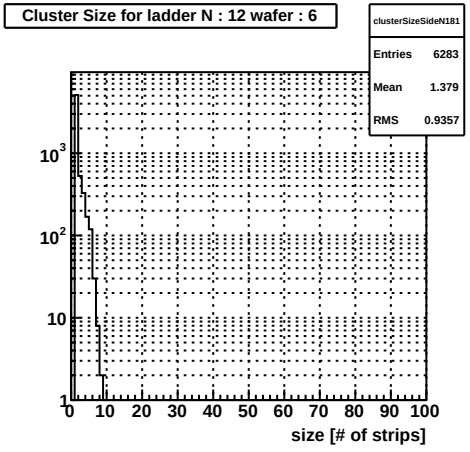

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 5582
Mean 1.222
RMS 0.6
size [# of strips]

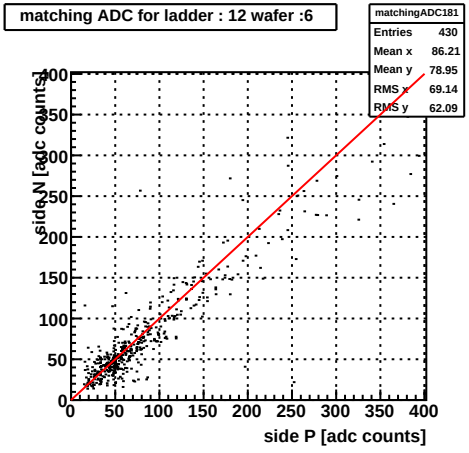

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 312
Mean x 93.71
Mean y 85.95
RMS x 66.98
RMS y 58.44
side N [adc counts]
side P [adc counts]

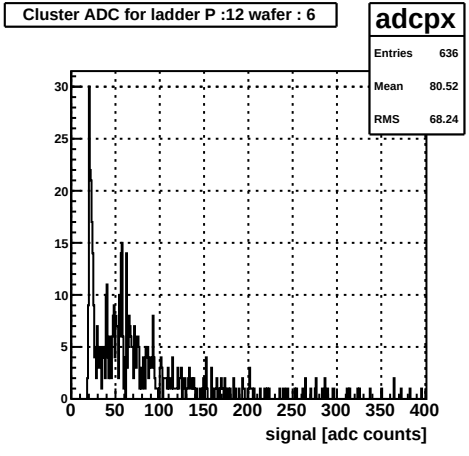

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 350
Mean 112.2
RMS 74.62
signal [adc counts]

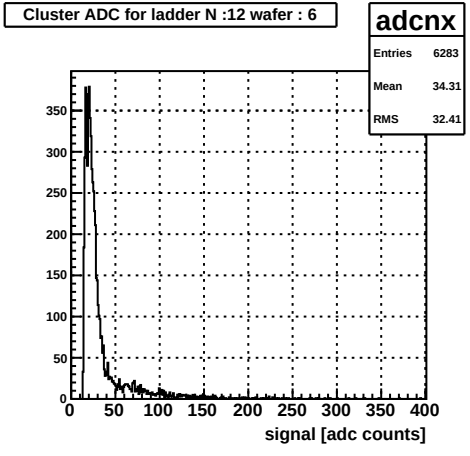

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 5582
Mean 29.29
RMS 25.87
signal [adc counts]

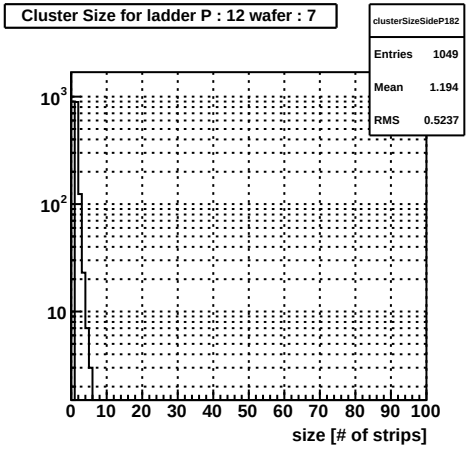

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 636
Mean 1.436
RMS 0.7315
size [# of strips]

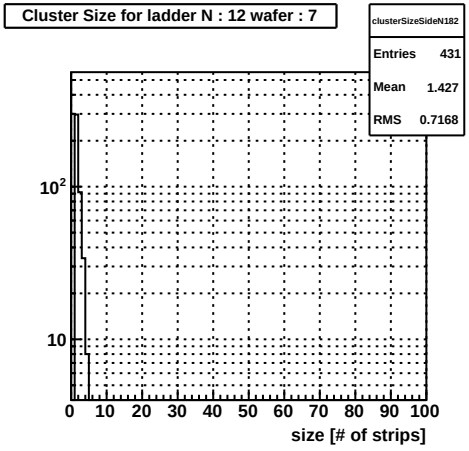

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 6283
Mean 1.379
RMS 0.9357
size [# of strips]

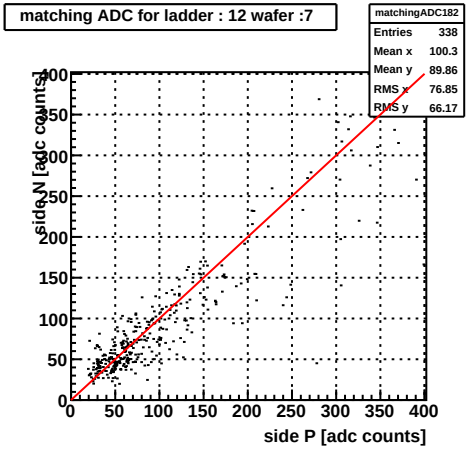

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 430
Mean x 86.21
Mean y 78.95
RMS x 69.14
RMS y 62.09
side N [adc counts]
side P [adc counts]

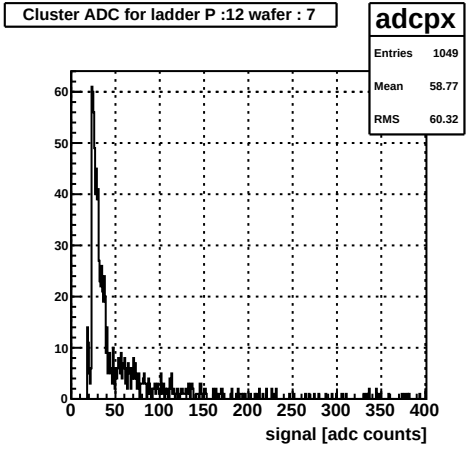

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 636
Mean 80.52
RMS 68.24
signal [adc counts]

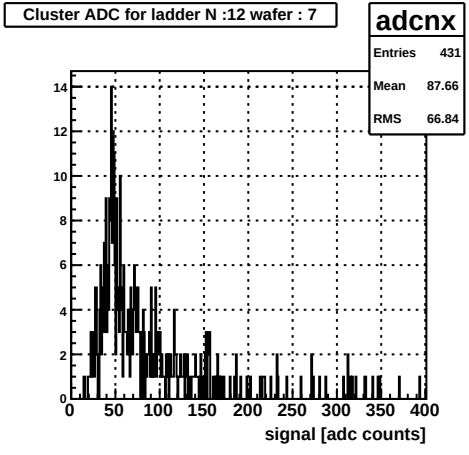

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 6283
Mean 34.31
RMS 32.41
signal [adc counts]

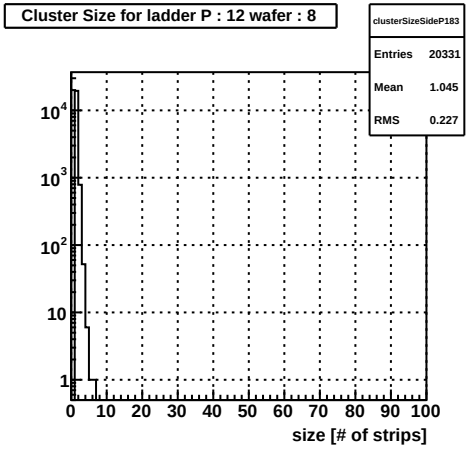

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 1049
Mean 1.194
RMS 0.5237
size [# of strips]

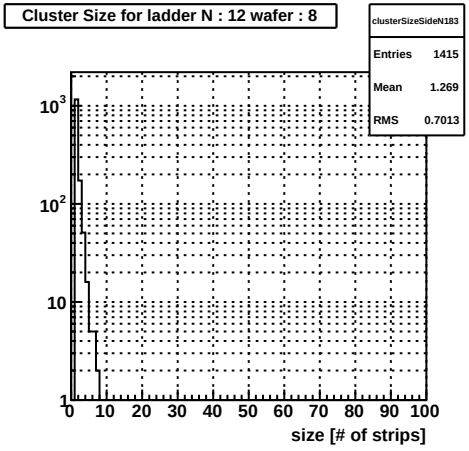

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 431
Mean 1.427
RMS 0.7168
size [# of strips]

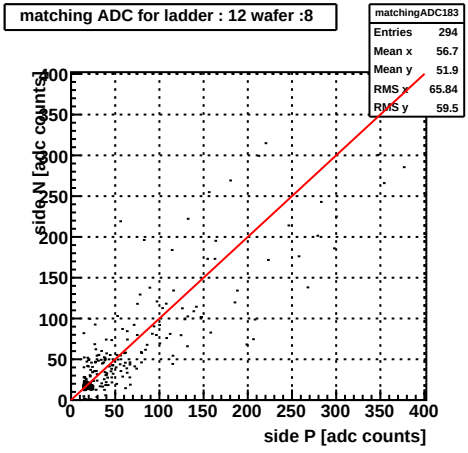

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 338
Mean x 100.3
Mean y 89.86
RMS x 76.85
RMS y 66.17
side N [adc counts]
side P [adc counts]

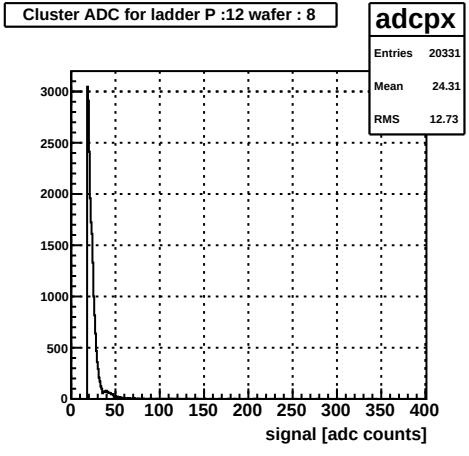

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 1049
Mean 58.77
RMS 60.32
signal [adc counts]

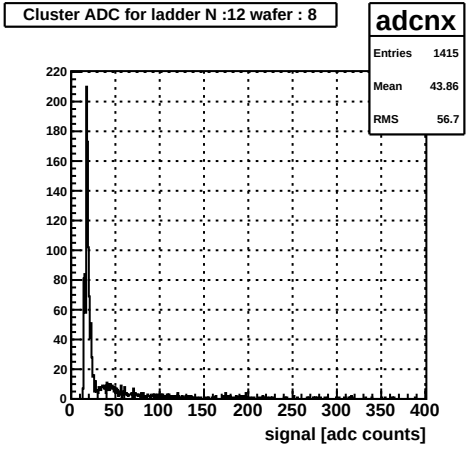

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 431
Mean 87.66
RMS 66.84
signal [adc counts]

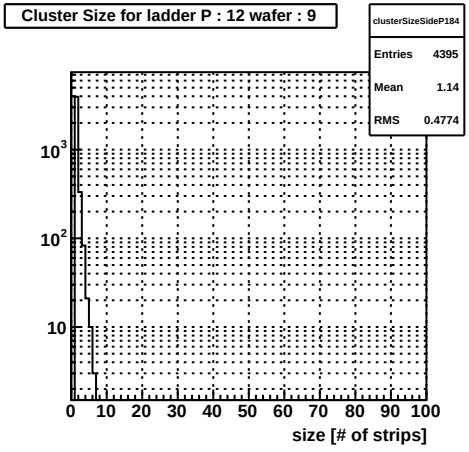

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 20331
Mean 1.045
RMS 0.227
size [# of strips]

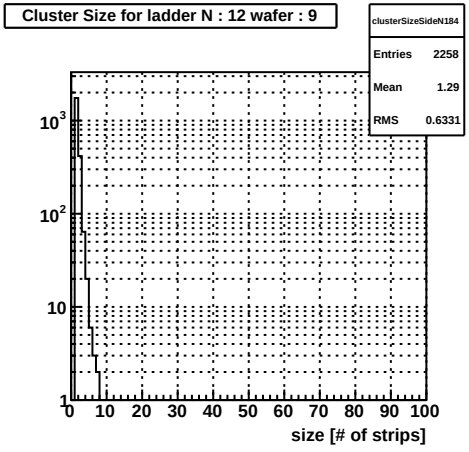

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 1415
Mean 1.269
RMS 0.7013
size [# of strips]

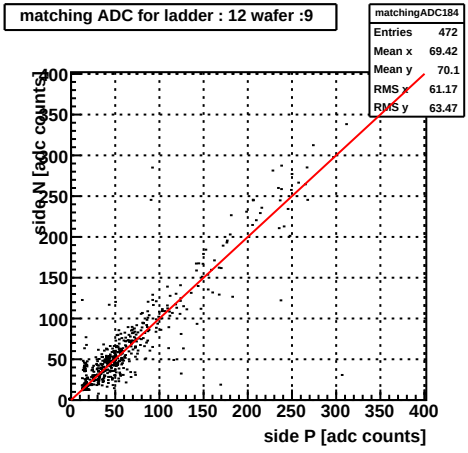

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 294
Mean x 56.7
Mean y 51.9
RMS x 65.84
RMS y 59.5
side N [adc counts]
side P [adc counts]

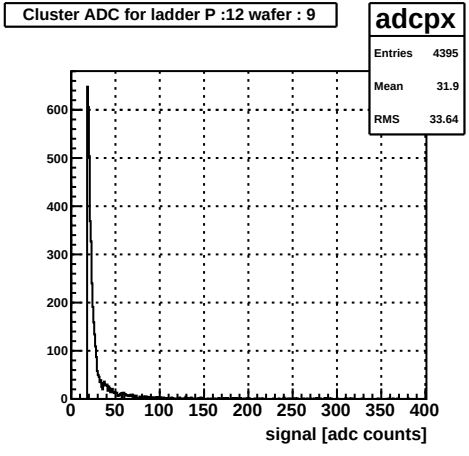

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 20331
Mean 24.31
RMS 12.73
signal [adc counts]

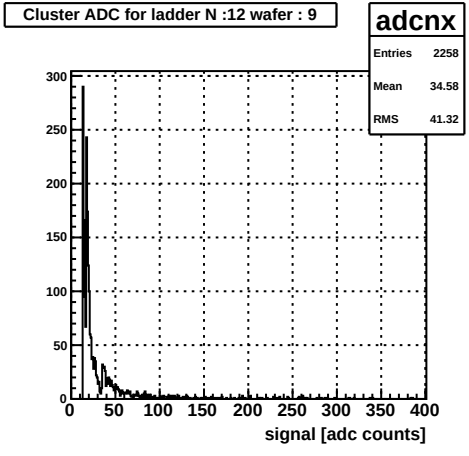

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 1415
Mean 43.86
RMS 56.7
signal [adc counts]

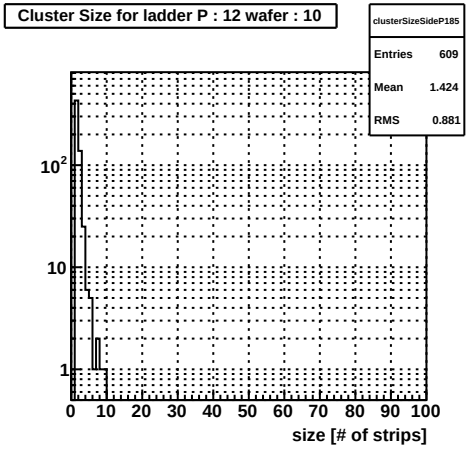

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 4395
Mean 1.14
RMS 0.4774
size [# of strips]

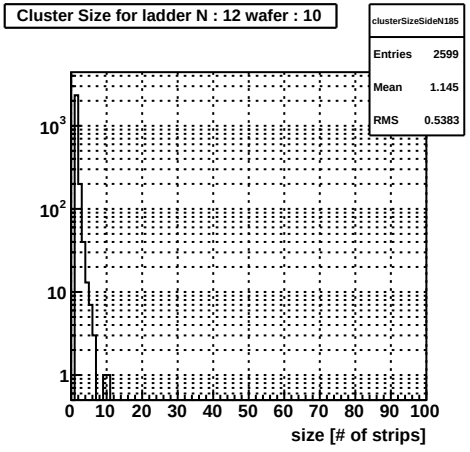

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 2258
Mean 1.29
RMS 0.6331
size [# of strips]

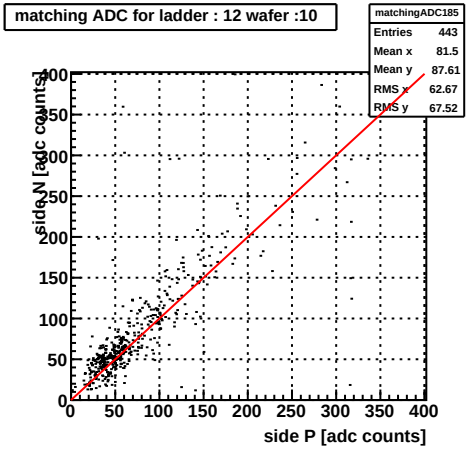

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 472
Mean x 69.42
Mean y 70.1
RMS x 61.17
RMS y 63.47
side N [adc counts]
side P [adc counts]

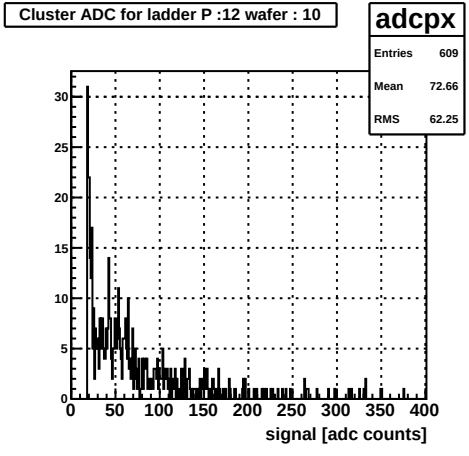

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 4395
Mean 31.9
RMS 33.64
signal [adc counts]

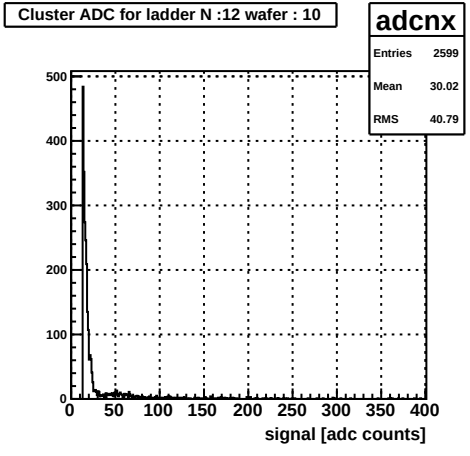

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 2258
Mean 34.58
RMS 41.32
signal [adc counts]

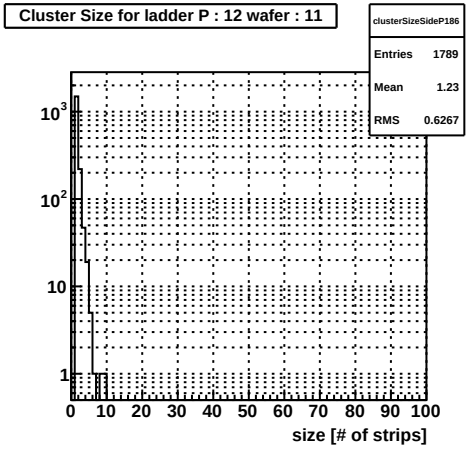

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 609
Mean 1.424
RMS 0.881
size [# of strips]

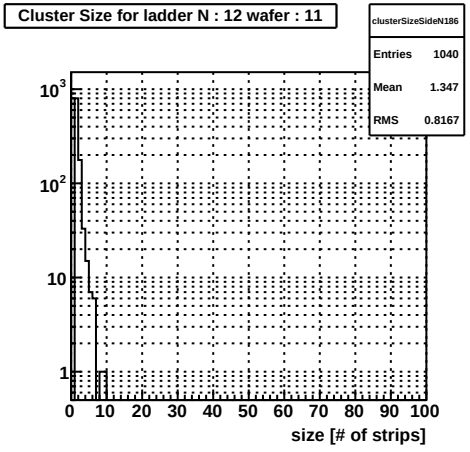

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 2599
Mean 1.145
RMS 0.5383
size [# of strips]

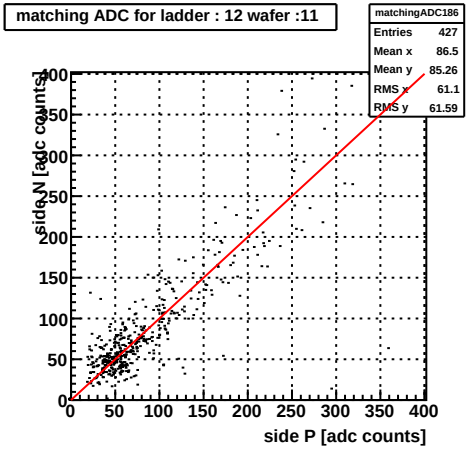

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 443
Mean x 81.5
Mean y 87.61
RMS x 62.67
RMS y 67.52
side N [adc counts]
side P [adc counts]

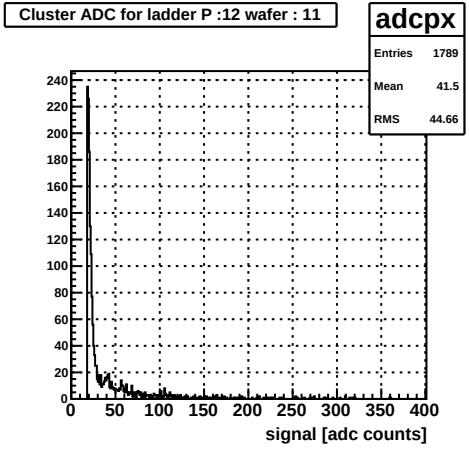

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 609
Mean 72.66
RMS 62.25
signal [adc counts]

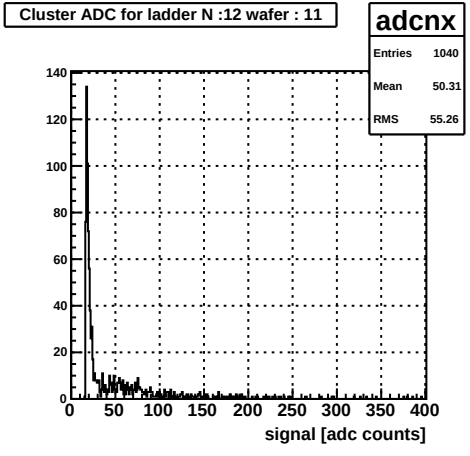

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 2599
Mean 30.02
RMS 40.79
signal [adc counts]

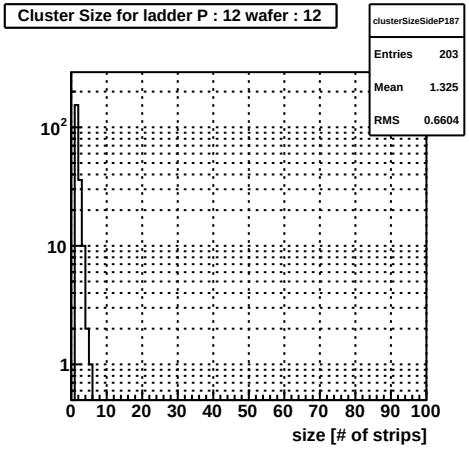

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 1789
Mean 1.23
RMS 0.6267
size [# of strips]

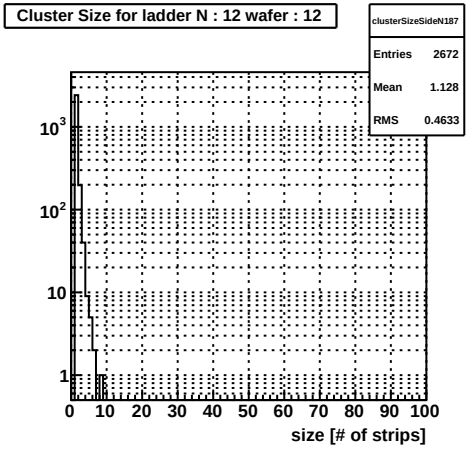

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 1040
Mean 1.347
RMS 0.8167
size [# of strips]

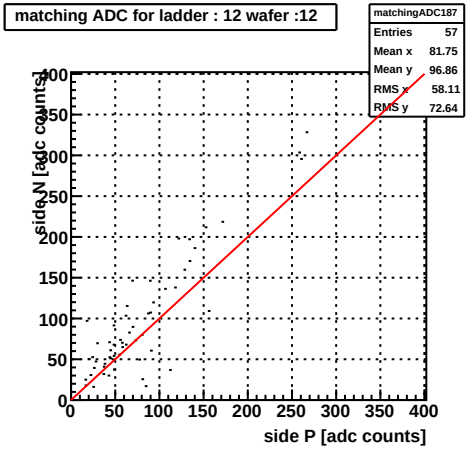

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 427
Mean x 86.5
Mean y 85.26
RMS x 61.1
RMS y 61.59
side N [adc counts]
side P [adc counts]

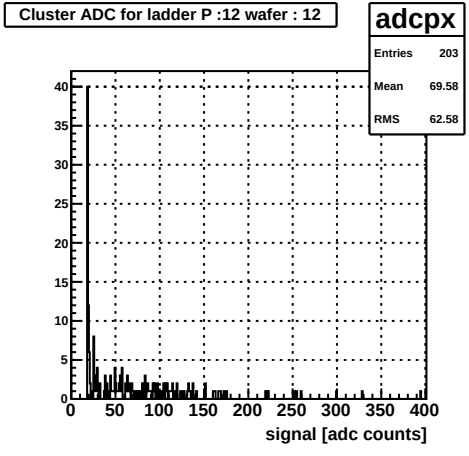

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 1789
Mean 41.5
RMS 44.66
signal [adc counts]

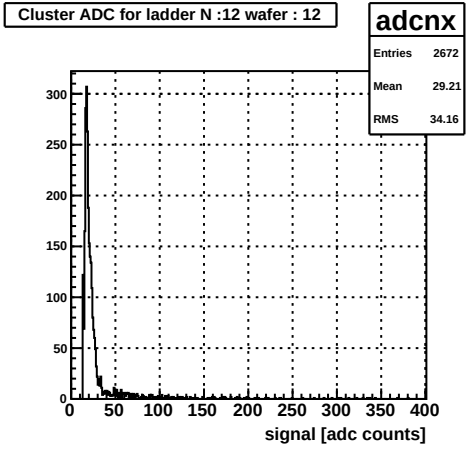

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 1040
Mean 50.31
RMS 55.26
signal [adc counts]

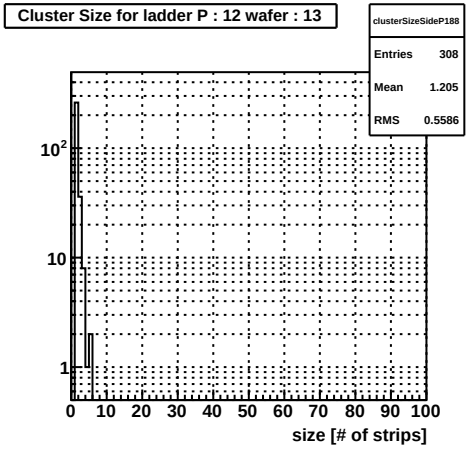

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 203
Mean 1.325
RMS 0.6604
size [# of strips]

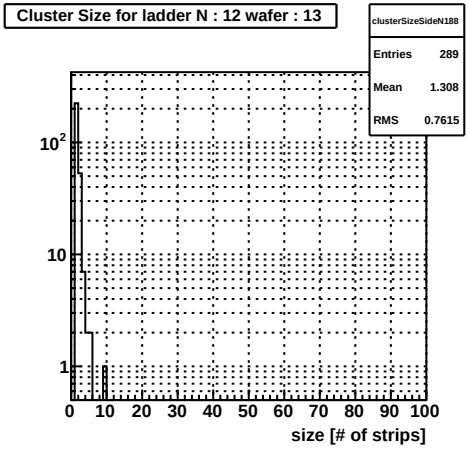

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 2672
Mean 1.128
RMS 0.4633
size [# of strips]

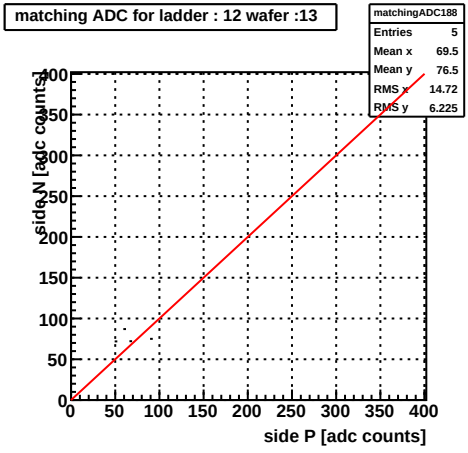

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 57
Mean x 81.75
Mean y 96.86
RMS x 58.11
RMS y 72.64
side N [adc counts]
side P [adc counts]

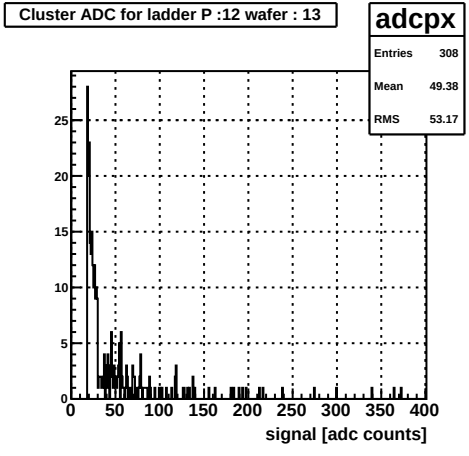

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 203
Mean 69.58
RMS 62.58
signal [adc counts]

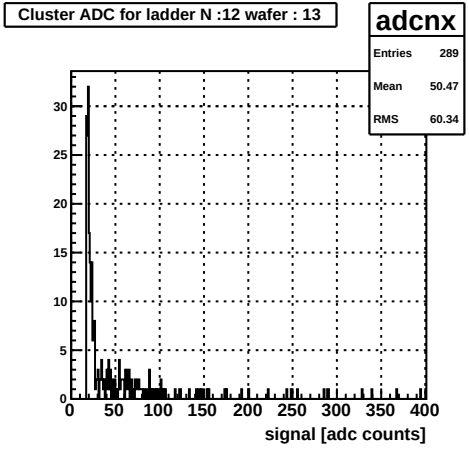

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 2672
Mean 29.21
RMS 34.16
signal [adc counts]

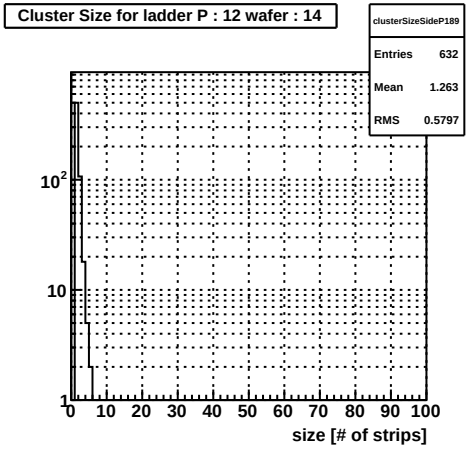

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 308
Mean 1.205
RMS 0.5586
size [# of strips]

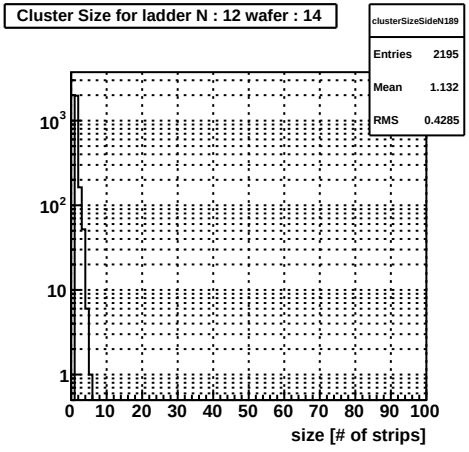

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 289
Mean 1.308
RMS 0.7615
size [# of strips]

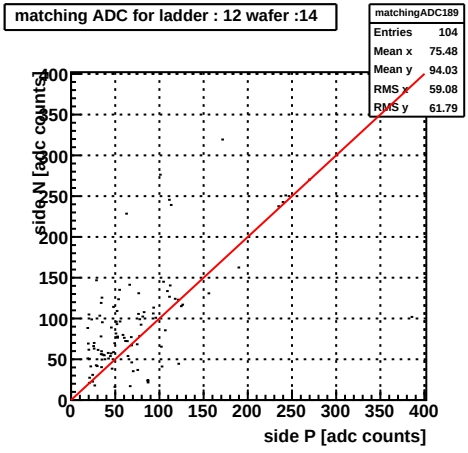

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 5
Mean x 69.5
Mean y 76.5
RMS x 14.72
RMS y 6.225
side N [adc counts]
side P [adc counts]

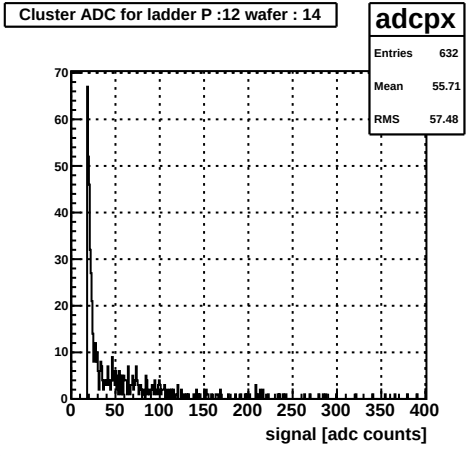

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 308
Mean 49.38
RMS 53.17
signal [adc counts]

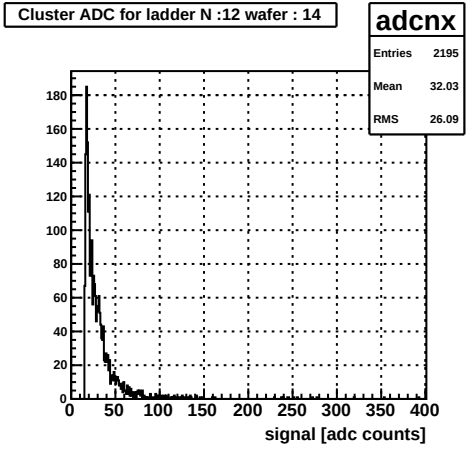

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 289
Mean 50.47
RMS 60.34
signal [adc counts]

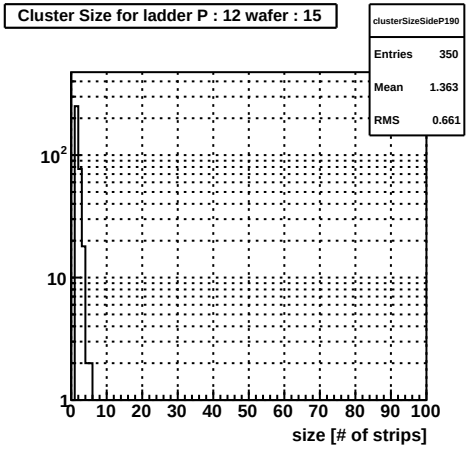

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 632
Mean 1.263
RMS 0.5797
size [# of strips]

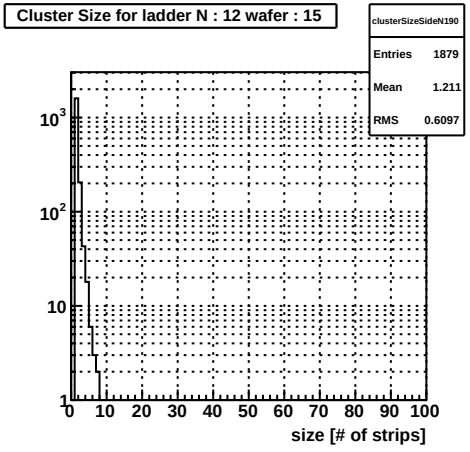

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2195
Mean 1.132
RMS 0.4285
size [# of strips]

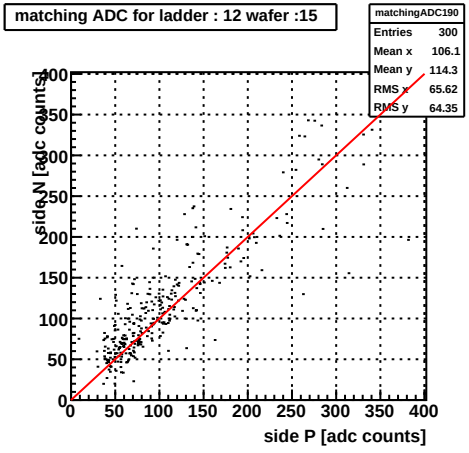

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 104
Mean x 75.48
Mean y 94.03
RMS x 59.08
RMS y 61.79
side N [adc counts]
side P [adc counts]

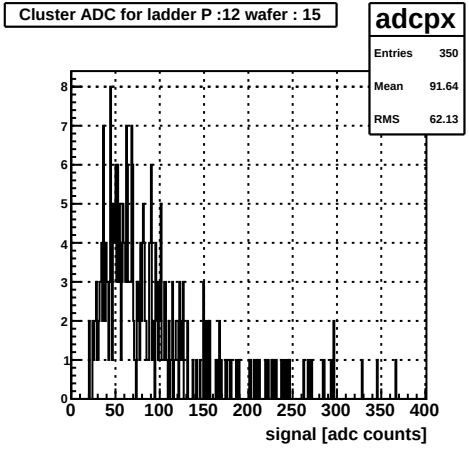

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 632
Mean 55.71
RMS 57.48
signal [adc counts]

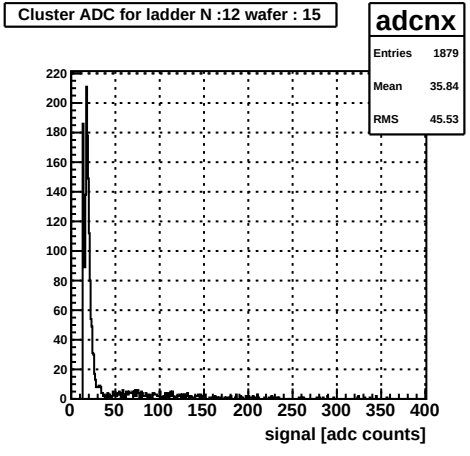

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2195
Mean 32.03
RMS 26.09
signal [adc counts]

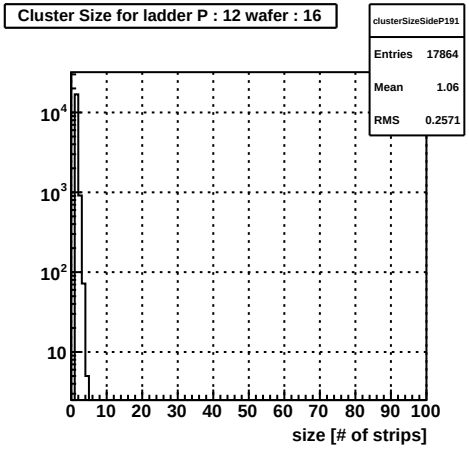

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 350
Mean 1.363
RMS 0.661
size [# of strips]

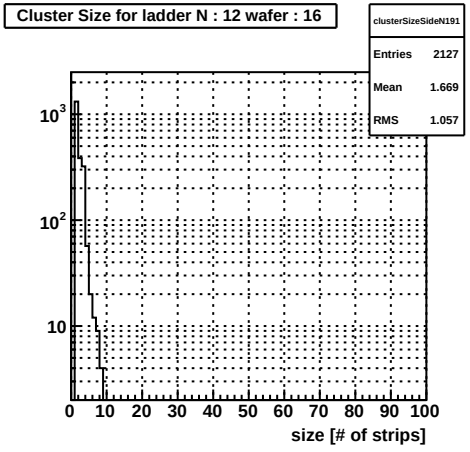

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 1879
Mean 1.211
RMS 0.6097
size [# of strips]

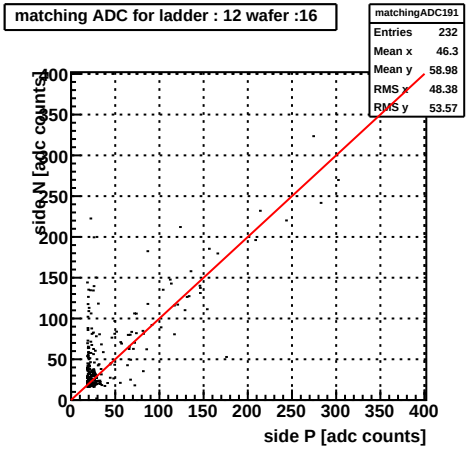

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 300
Mean x 106.1
Mean y 114.3
RMS x 65.62
RMS y 64.35
side N [adc counts]
side P [adc counts]

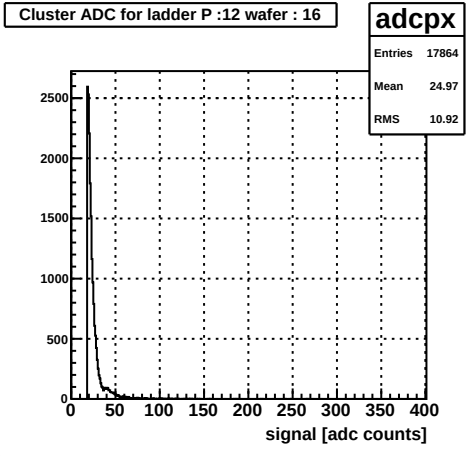

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 350
Mean 91.64
RMS 62.13
signal [adc counts]

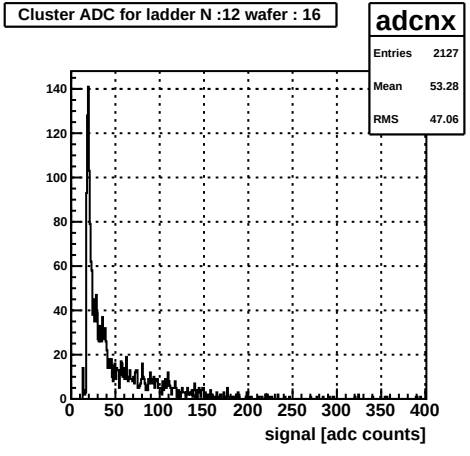

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 1879
Mean 35.84
RMS 45.53
signal [adc counts]

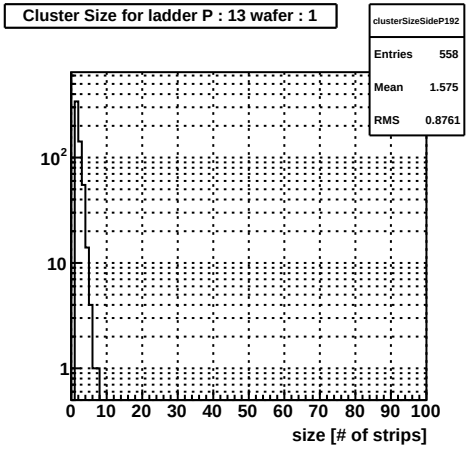

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 17864
Mean 1.06
RMS 0.2571
size [# of strips]

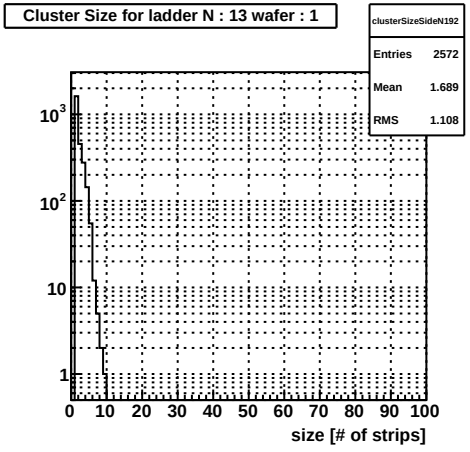

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 2127
Mean 1.669
RMS 1.057
size [# of strips]

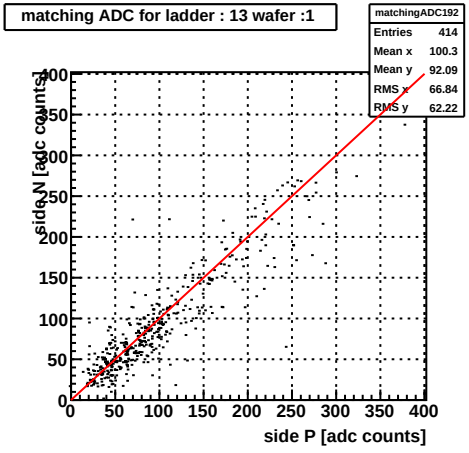

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 232
Mean x 46.3
Mean y 58.98
RMS x 48.38
RMS y 53.57
side N [adc counts]
side P [adc counts]

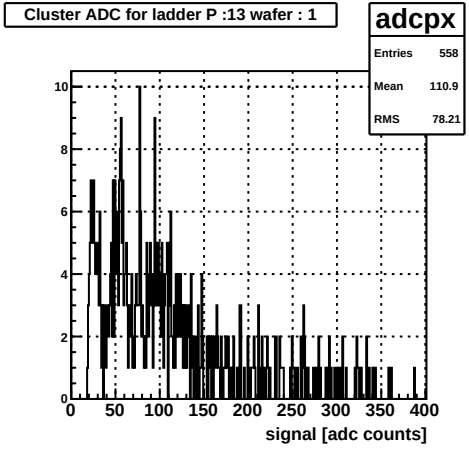

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 17864
Mean 24.97
RMS 10.92
signal [adc counts]

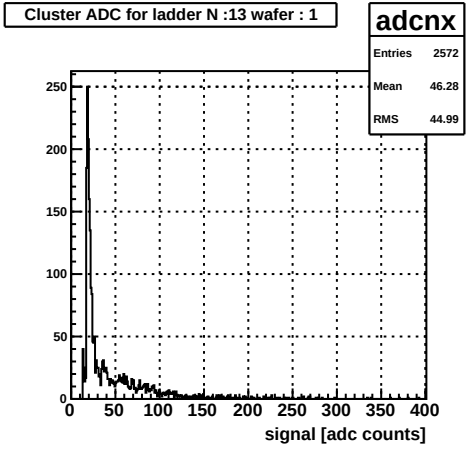

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 2127
Mean 53.28
RMS 47.06
signal [adc counts]

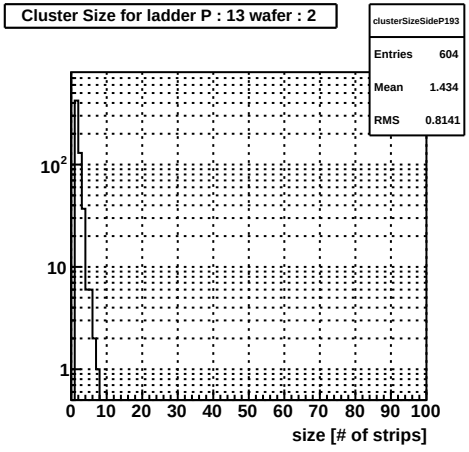

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 558
Mean 1.575
RMS 0.8761
size [# of strips]

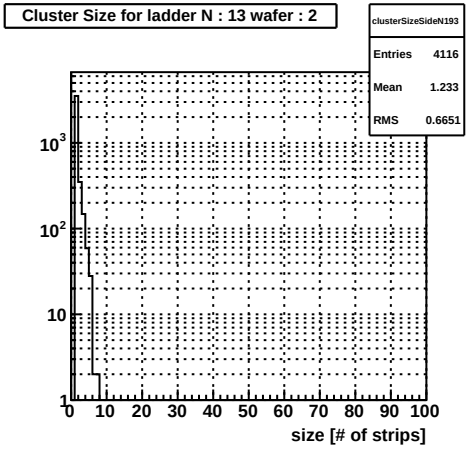

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 2572
Mean 1.689
RMS 1.108
size [# of strips]

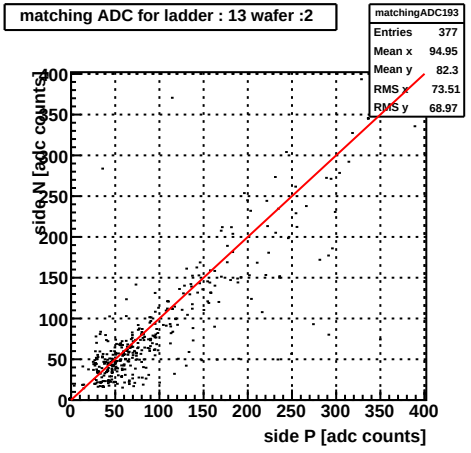

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 414
Mean x 100.3
Mean y 92.09
RMS x 66.84
RMS y 62.22
side N [adc counts]
side P [adc counts]

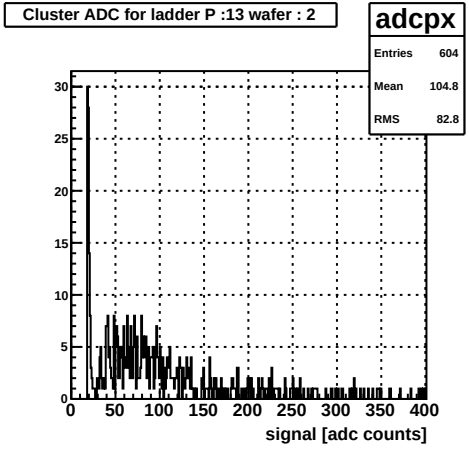

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 558
Mean 110.9
RMS 78.21
signal [adc counts]

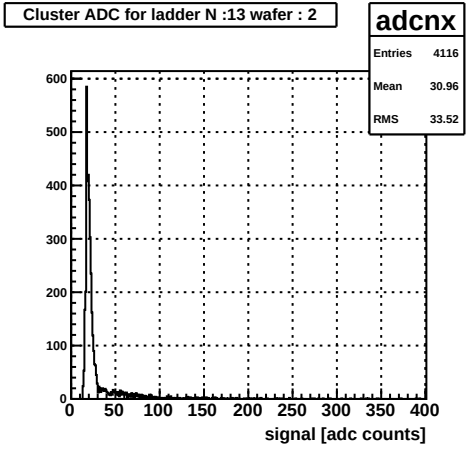

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 2572
Mean 46.28
RMS 44.99
signal [adc counts]

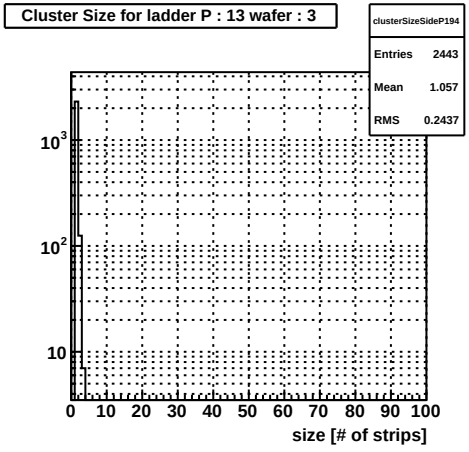

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 604
Mean 1.434
RMS 0.8141
size [# of strips]

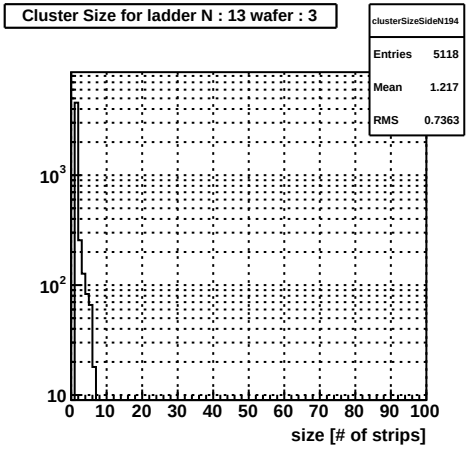

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 4116
Mean 1.233
RMS 0.6651
size [# of strips]

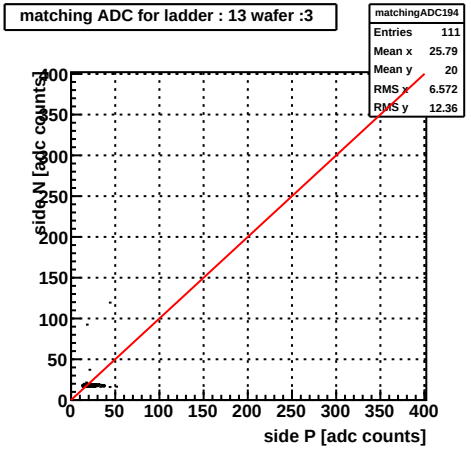

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 377
Mean x 94.95
Mean y 82.3
RMS x 73.51
RMS y 68.97
side N [adc counts]
side P [adc counts]

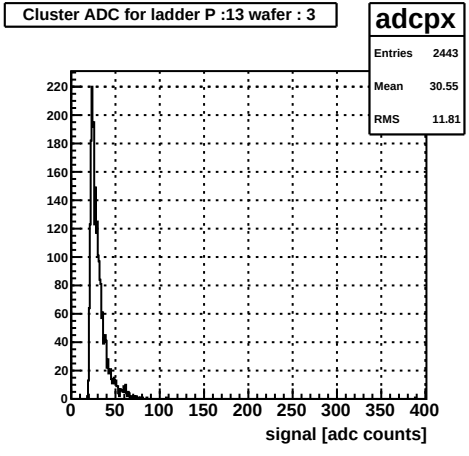

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 604
Mean 104.8
RMS 82.8
signal [adc counts]

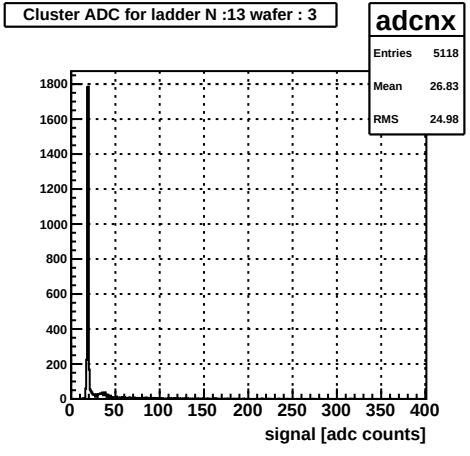

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 4116
Mean 30.96
RMS 33.52
signal [adc counts]

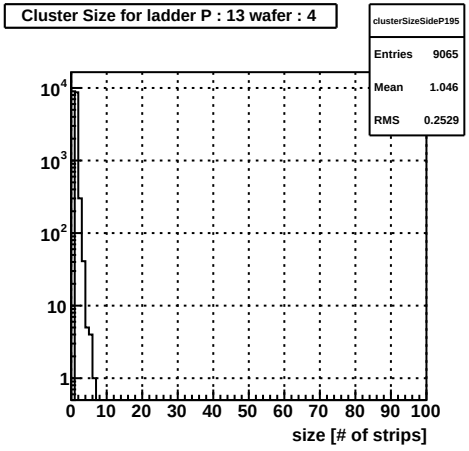

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 2443
Mean 1.057
RMS 0.2437
size [# of strips]

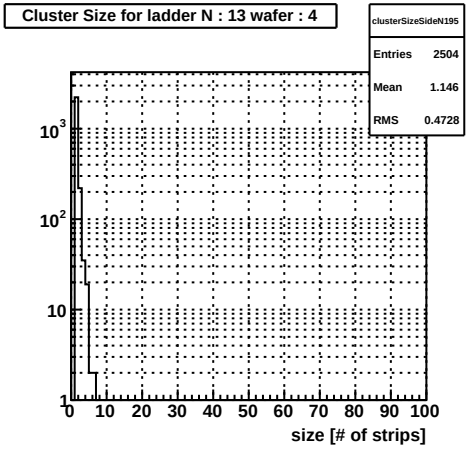

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 5118
Mean 1.217
RMS 0.7363
size [# of strips]

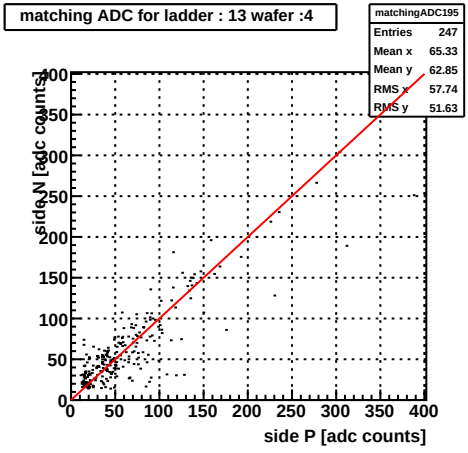

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 111
Mean x 25.79
Mean y 20
RMS x 6.572
RMS y 12.36
side N [adc counts]
side P [adc counts]

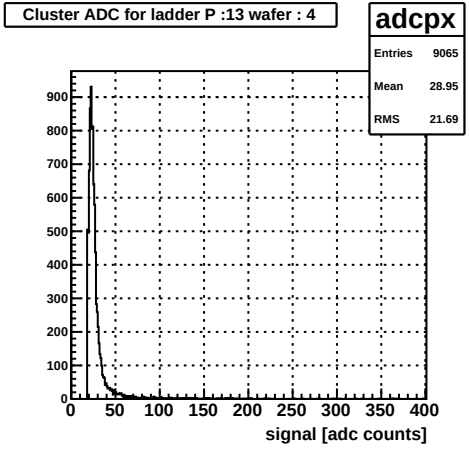

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 2443
Mean 30.55
RMS 11.81
signal [adc counts]

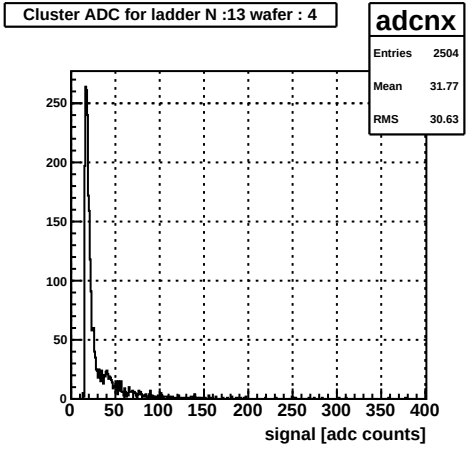

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 5118
Mean 26.83
RMS 24.98
signal [adc counts]

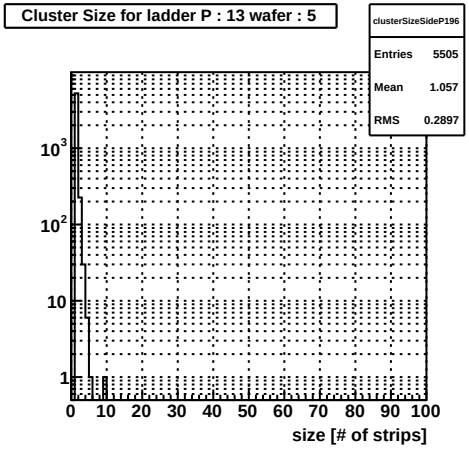

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 9065
Mean 1.046
RMS 0.2529
size [# of strips]

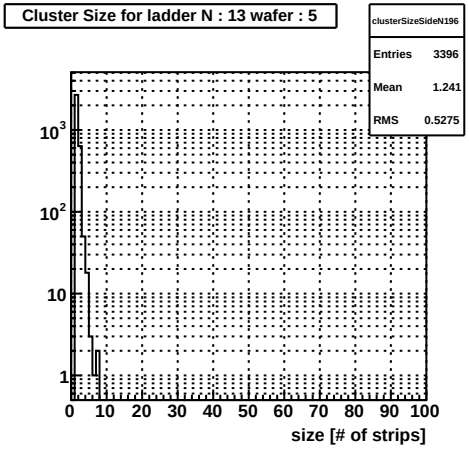

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 2504
Mean 1.146
RMS 0.4728
size [# of strips]

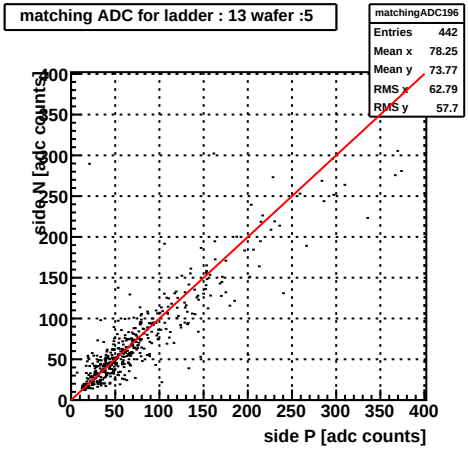

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 247
Mean x 65.33
Mean y 62.85
RMS x 57.74
RMS y 51.63
side N [adc counts]
side P [adc counts]

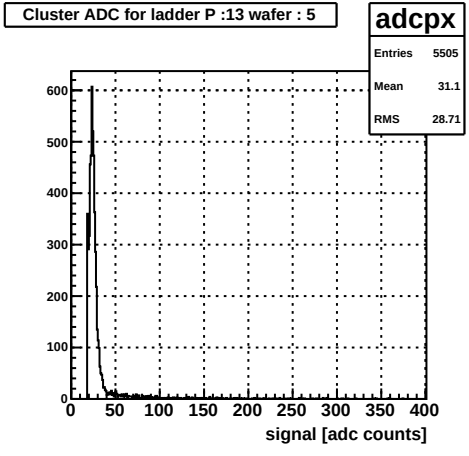

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 9065
Mean 28.95
RMS 21.69
signal [adc counts]

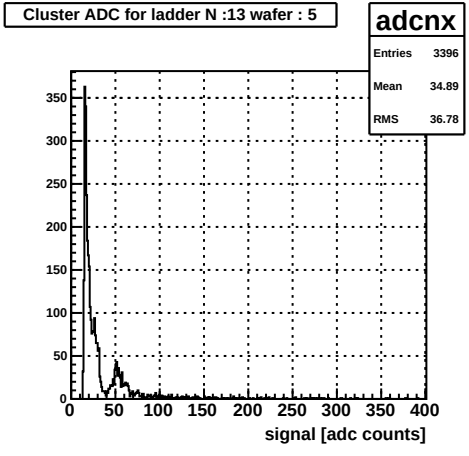

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 2504
Mean 31.77
RMS 30.63
signal [adc counts]

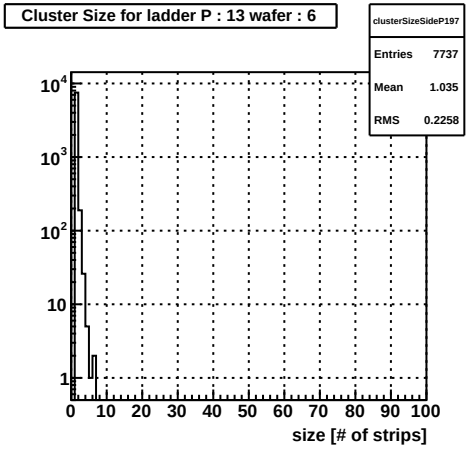

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 5505
Mean 1.057
RMS 0.2897
size [# of strips]

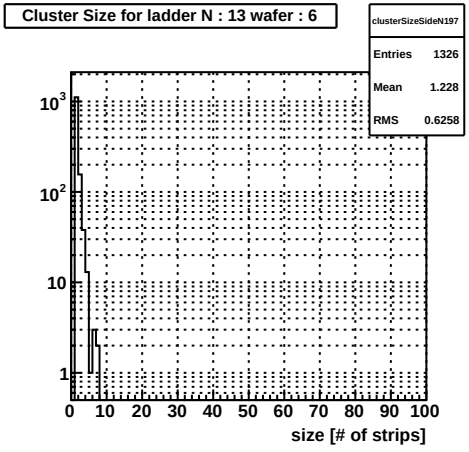

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 3396
Mean 1.241
RMS 0.5275
size [# of strips]

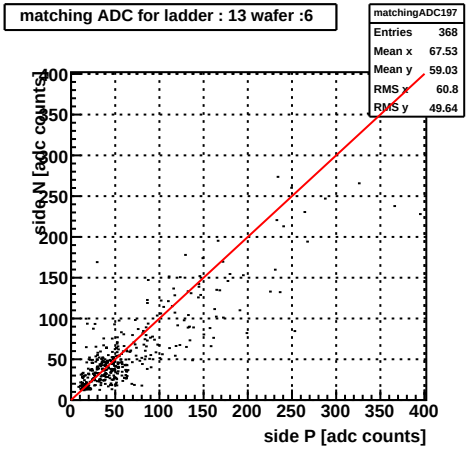

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 442
Mean x 78.25
Mean y 73.77
RMS x 62.79
RMS y 57.7
side N [adc counts]
side P [adc counts]

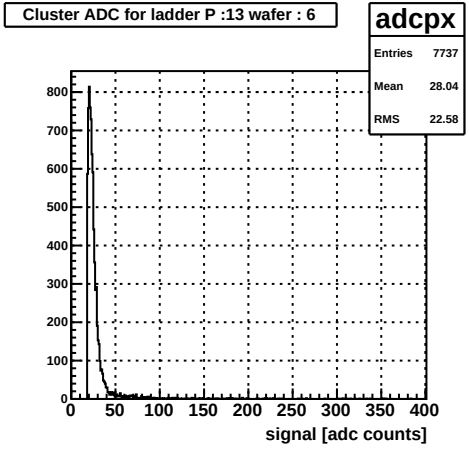

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 5505
Mean 31.1
RMS 28.71
signal [adc counts]

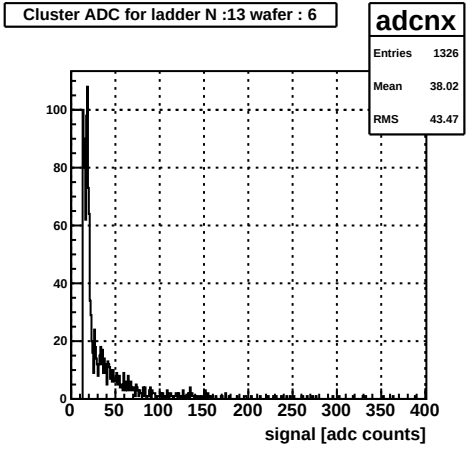

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 3396
Mean 34.89
RMS 36.78
signal [adc counts]

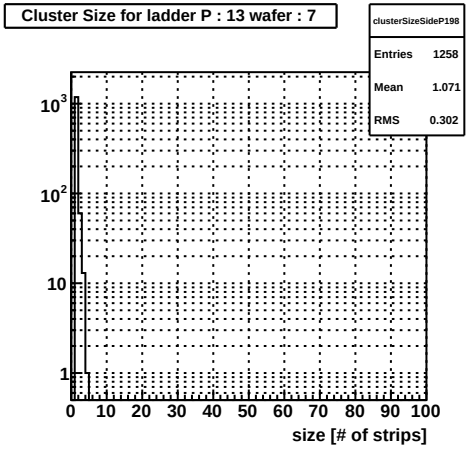

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 7737
Mean 1.035
RMS 0.2258
size [# of strips]

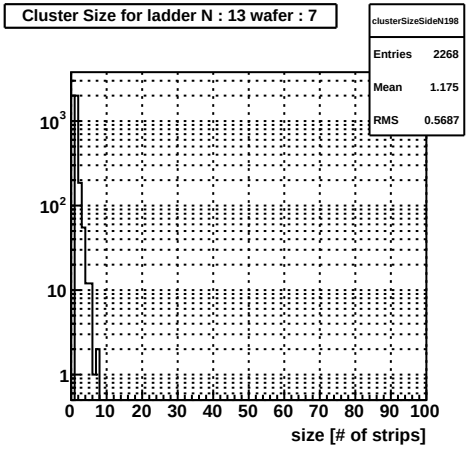

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 1326
Mean 1.228
RMS 0.6258
size [# of strips]

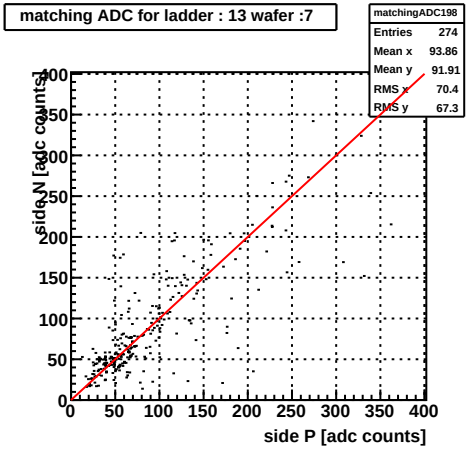

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 368
Mean x 67.53
Mean y 59.03
RMS x 60.8
RMS y 49.64
side N [adc counts]
side P [adc counts]

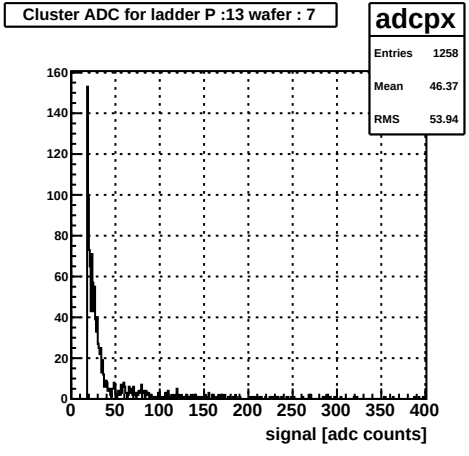

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 7737
Mean 28.04
RMS 22.58
signal [adc counts]

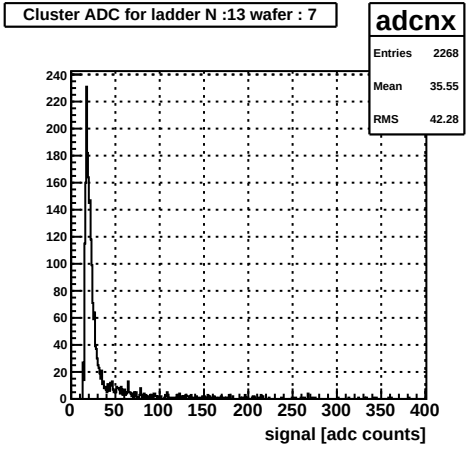

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 1326
Mean 38.02
RMS 43.47
signal [adc counts]

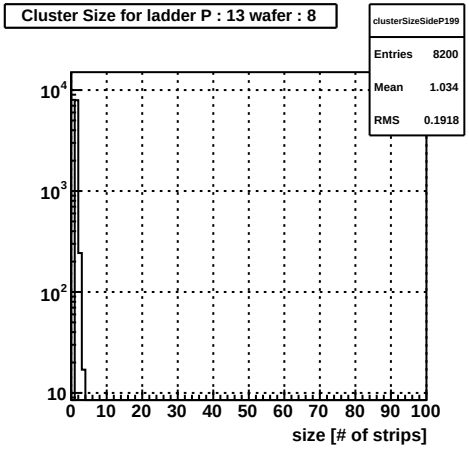

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 1258
Mean 1.071
RMS 0.302
size [# of strips]

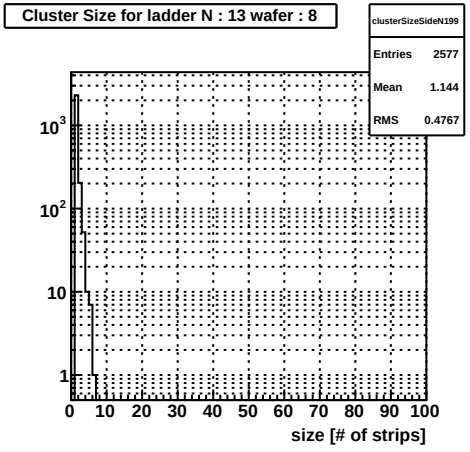

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 2268
Mean 1.175
RMS 0.5687
size [# of strips]

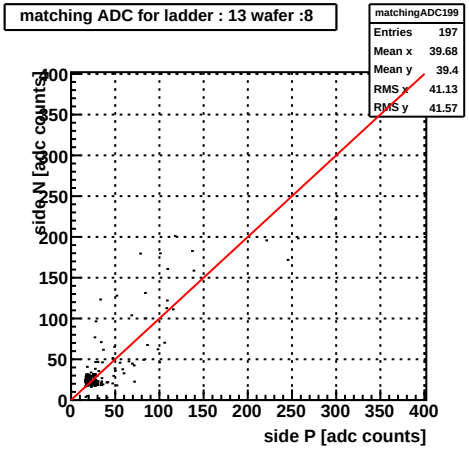

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 274
Mean x 93.86
Mean y 91.91
RMS x 70.4
RMS y 67.3
side N [adc counts]
side P [adc counts]

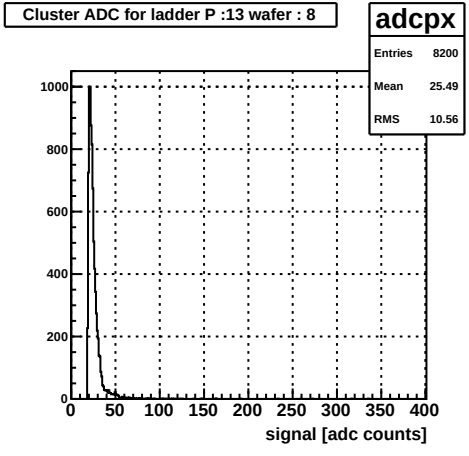

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 1258
Mean 46.37
RMS 53.94
signal [adc counts]

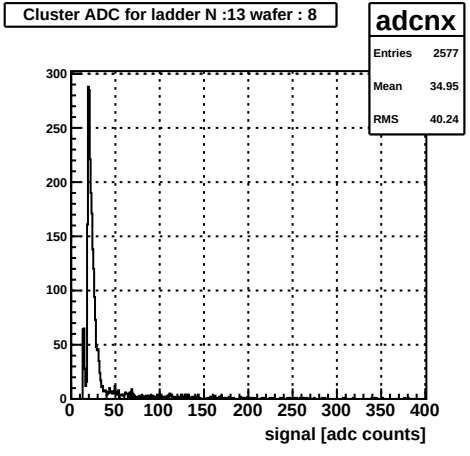

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 2268
Mean 35.55
RMS 42.28
signal [adc counts]

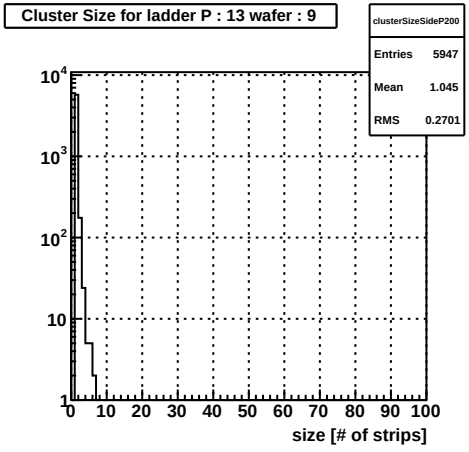

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 8200
Mean 1.034
RMS 0.1918
size [# of strips]

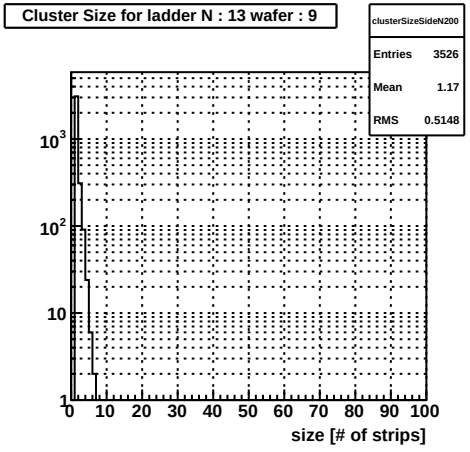

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 2577
Mean 1.144
RMS 0.4767
size [# of strips]

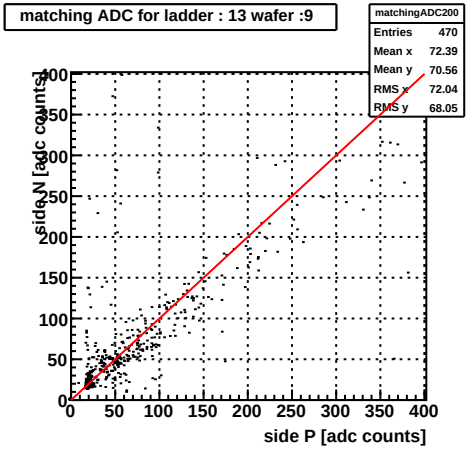

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 197
Mean x 39.68
Mean y 39.4
RMS x 41.13
RMS y 41.57
side N [adc counts]
side P [adc counts]

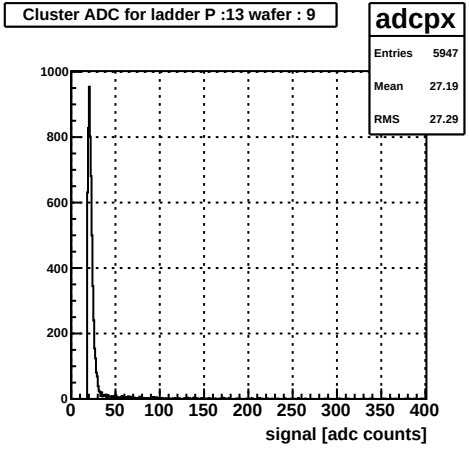

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 8200
Mean 25.49
RMS 10.56
signal [adc counts]

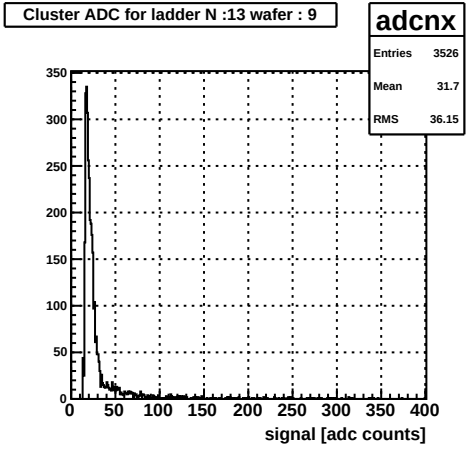

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 2577
Mean 34.95
RMS 40.24
signal [adc counts]

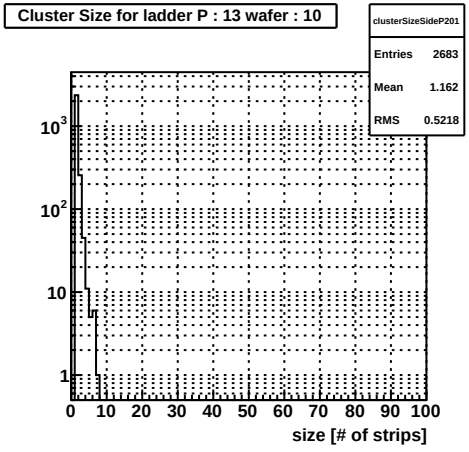

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 5947
Mean 1.045
RMS 0.2701
size [# of strips]

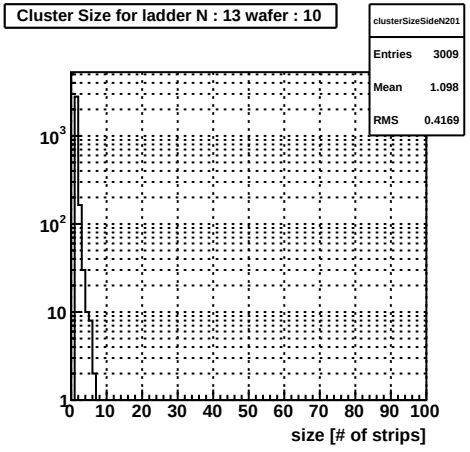

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 3526
Mean 1.17
RMS 0.5148
size [# of strips]

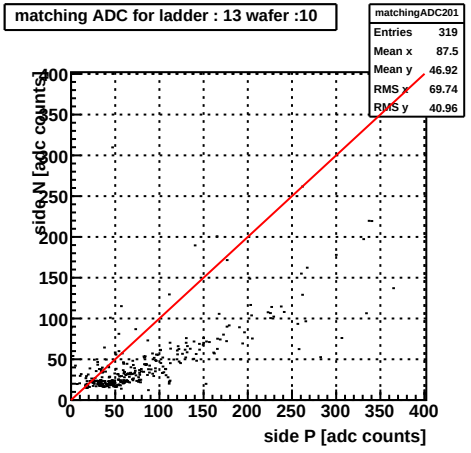

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 470
Mean x 72.39
Mean y 70.56
RMS x 72.04
RMS y 68.05
side N [adc counts]
side P [adc counts]

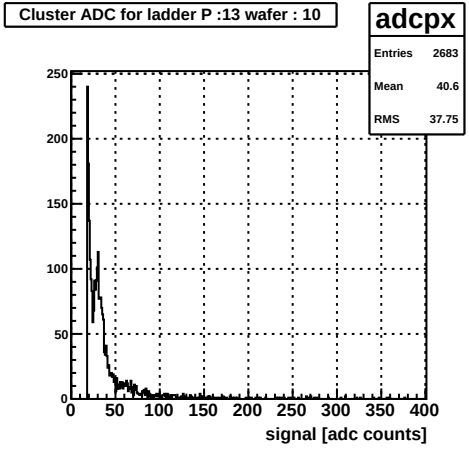

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 5947
Mean 27.19
RMS 27.29
signal [adc counts]

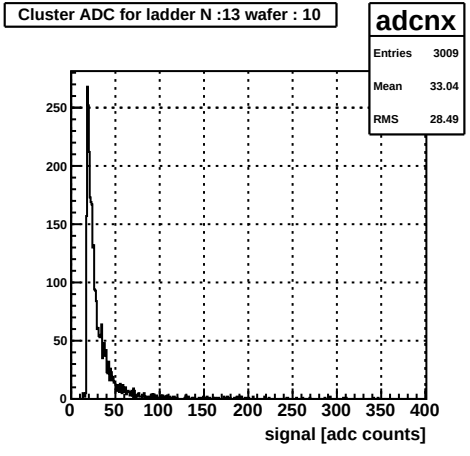

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 3526
Mean 31.7
RMS 36.15
signal [adc counts]

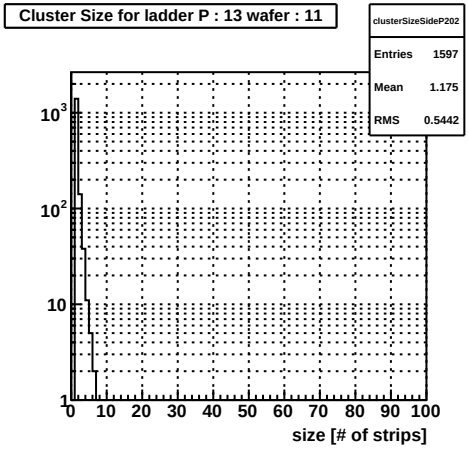

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 2683
Mean 1.162
RMS 0.5218
size [# of strips]

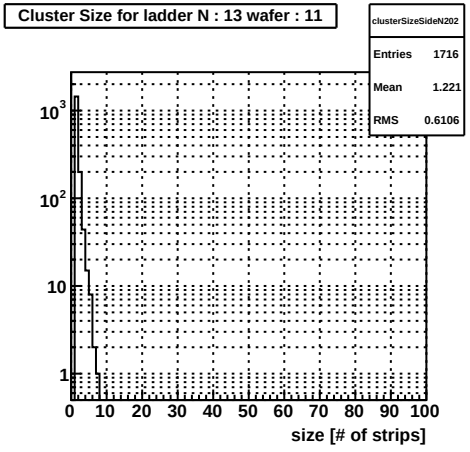

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 3009
Mean 1.098
RMS 0.4169
size [# of strips]

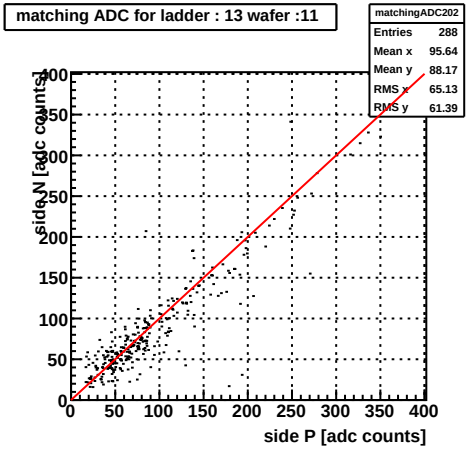

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 319
Mean x 87.5
Mean y 46.92
RMS x 69.74
RMS y 40.96
side N [adc counts]
side P [adc counts]

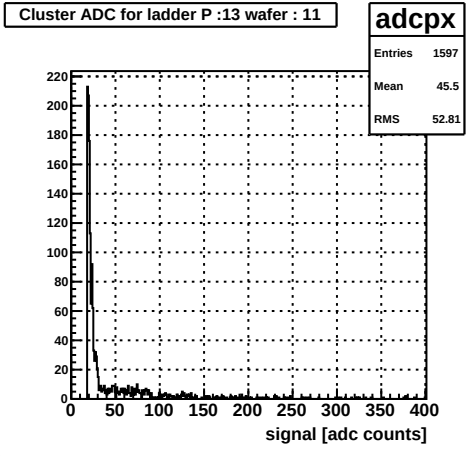

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 2683
Mean 40.6
RMS 37.75
signal [adc counts]

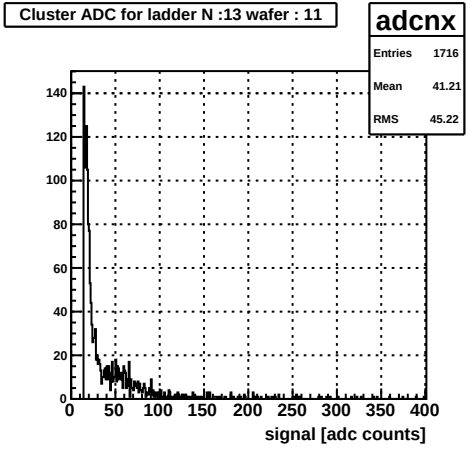

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 3009
Mean 33.04
RMS 28.49
signal [adc counts]

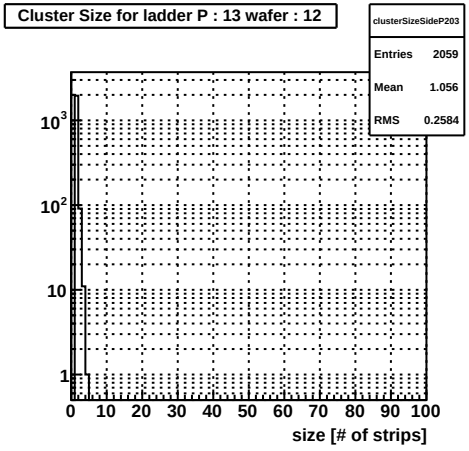

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 1597
Mean 1.175
RMS 0.5442
size [# of strips]

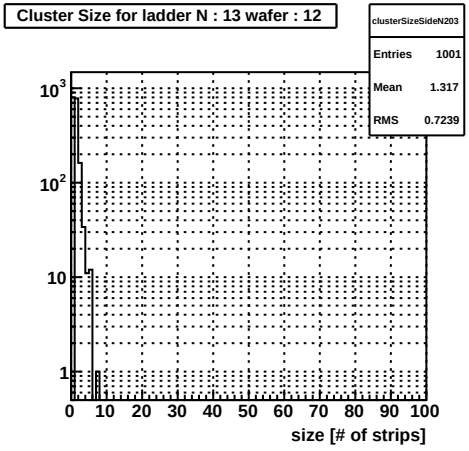

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 1716
Mean 1.221
RMS 0.6106
size [# of strips]

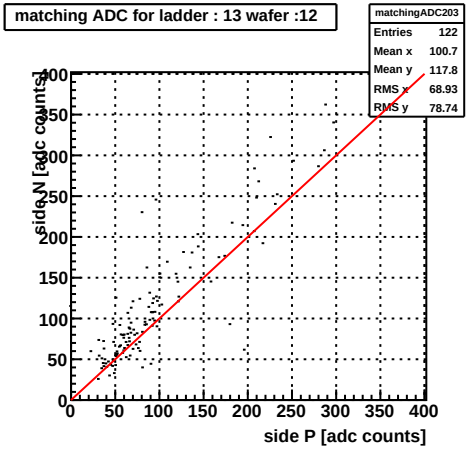

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 288
Mean x 95.64
Mean y 88.17
RMS x 65.13
RMS y 61.39
side N [adc counts]
side P [adc counts]

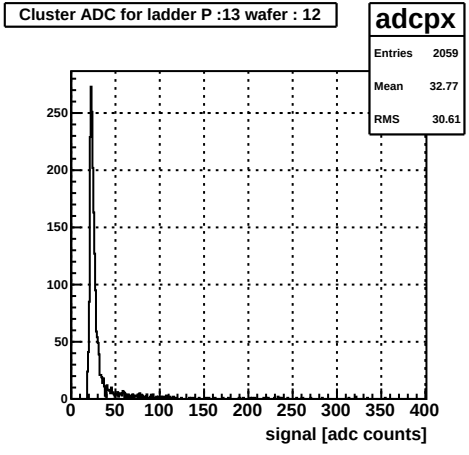

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 1597
Mean 45.5
RMS 52.81
signal [adc counts]

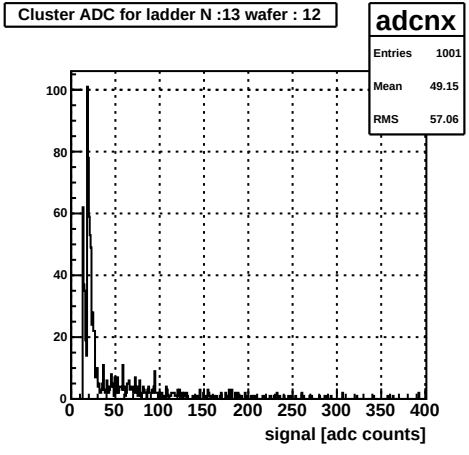

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 1716
Mean 41.21
RMS 45.22
signal [adc counts]

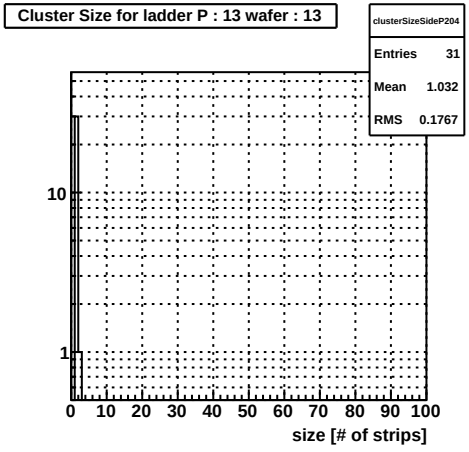

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 2059
Mean 1.056
RMS 0.2584
size [# of strips]

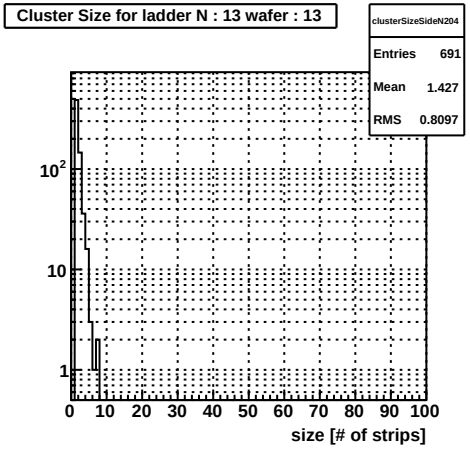

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 1001
Mean 1.317
RMS 0.7239
size [# of strips]

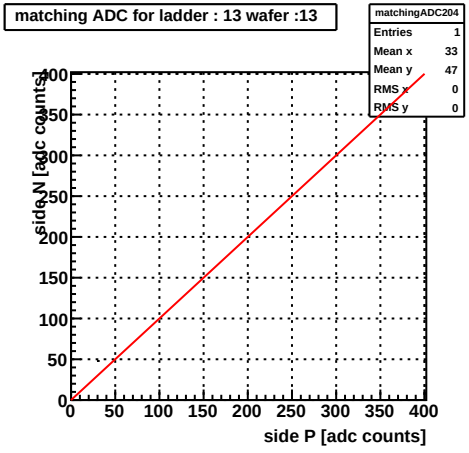

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 122
Mean x 100.7
Mean y 117.8
RMS x 68.93
RMS y 78.74
side N [adc counts]
side P [adc counts]

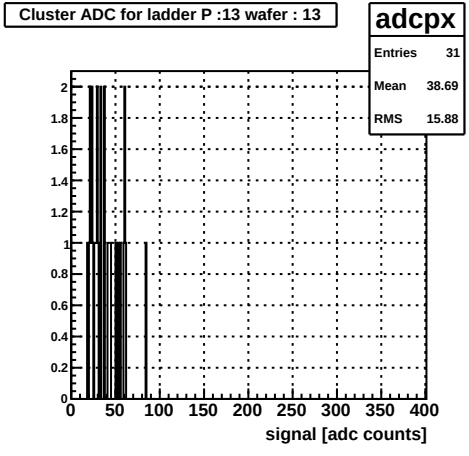

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 2059
Mean 32.77
RMS 30.61
signal [adc counts]

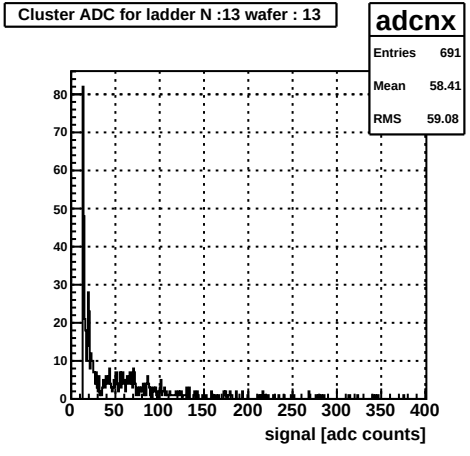

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 1001
Mean 49.15
RMS 57.06
signal [adc counts]

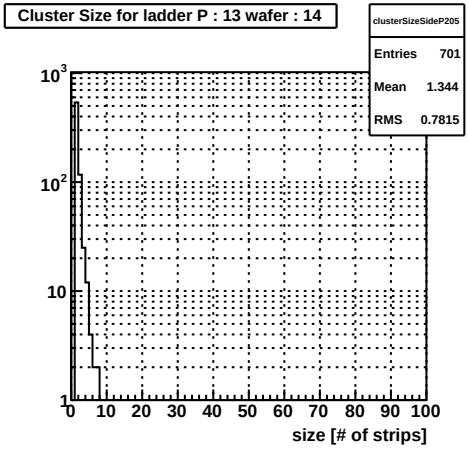

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 31
Mean 1.032
RMS 0.1767
size [# of strips]

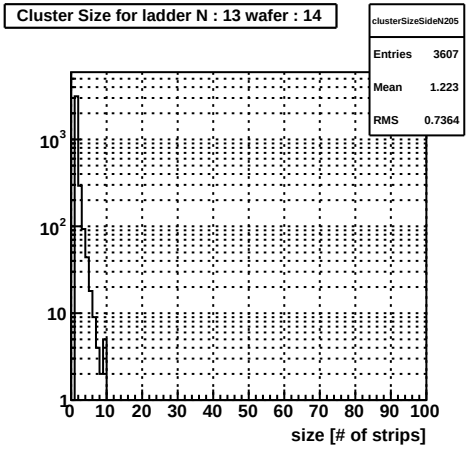

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 691
Mean 1.427
RMS 0.8097
size [# of strips]

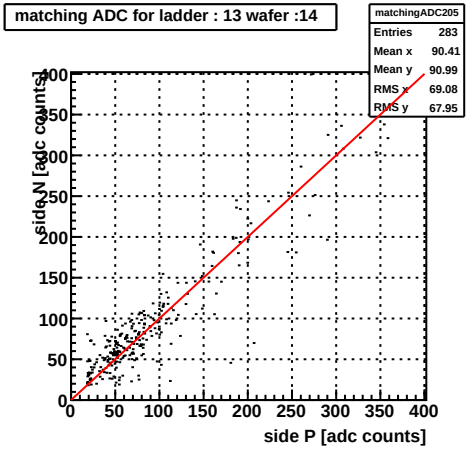

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 1
Mean x 33
Mean y 47
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

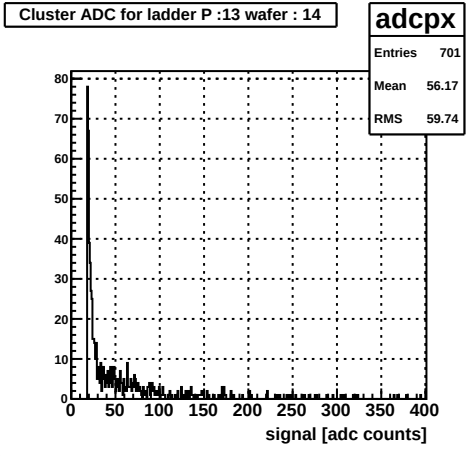

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 31
Mean 38.69
RMS 15.88
signal [adc counts]

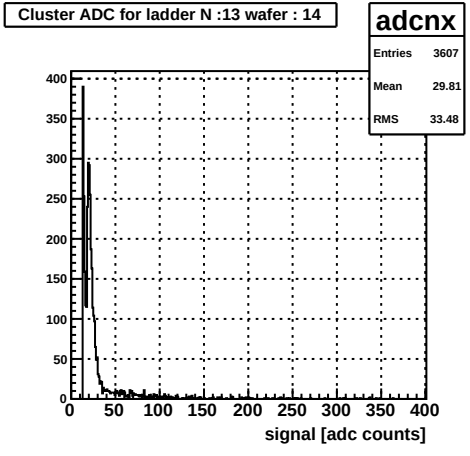

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 691
Mean 58.41
RMS 59.08
signal [adc counts]

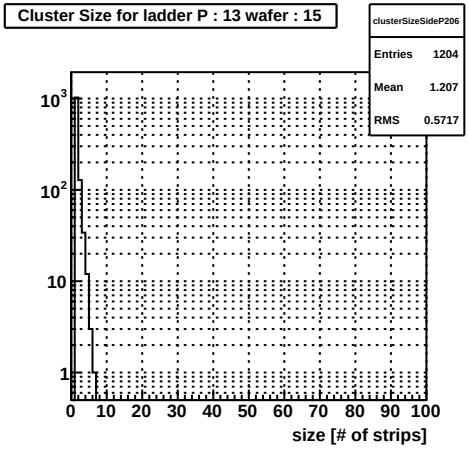

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 701
Mean 1.344
RMS 0.7815
size [# of strips]

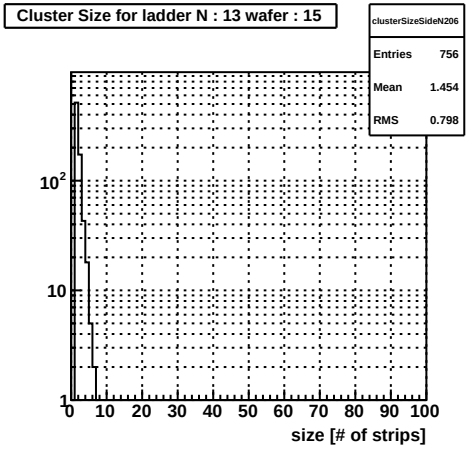

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 3607
Mean 1.223
RMS 0.7364
size [# of strips]

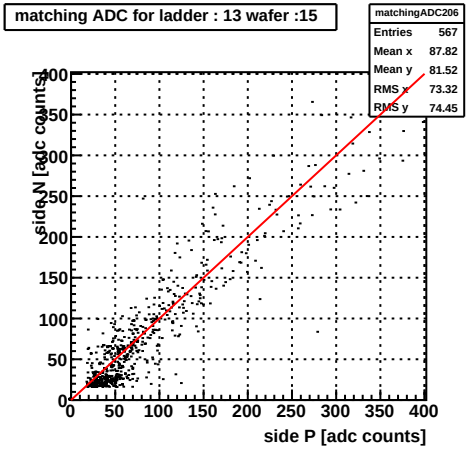

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 283
Mean x 90.41
Mean y 90.99
RMS x 69.08
RMS y 67.95
side N [adc counts]
side P [adc counts]

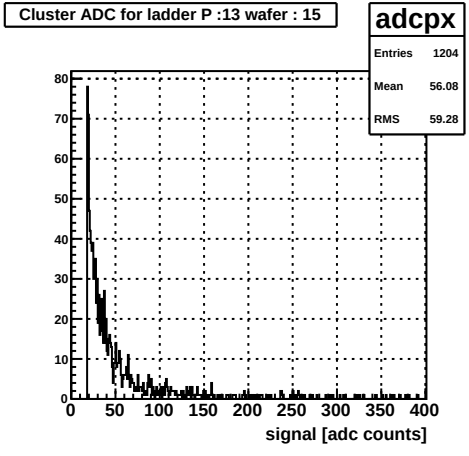

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 701
Mean 56.17
RMS 59.74
signal [adc counts]

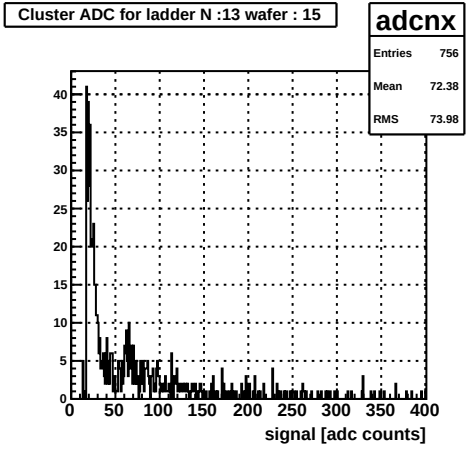

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 3607
Mean 29.81
RMS 33.48
signal [adc counts]

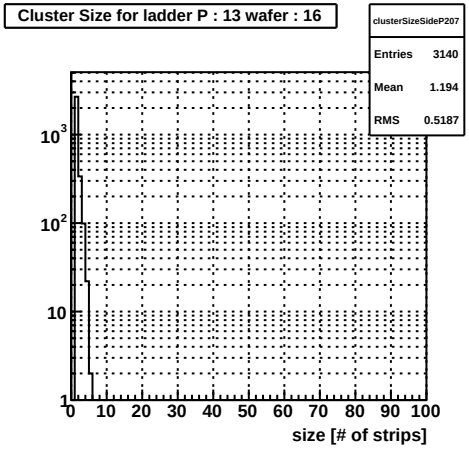

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 1204
Mean 1.207
RMS 0.5717
size [# of strips]

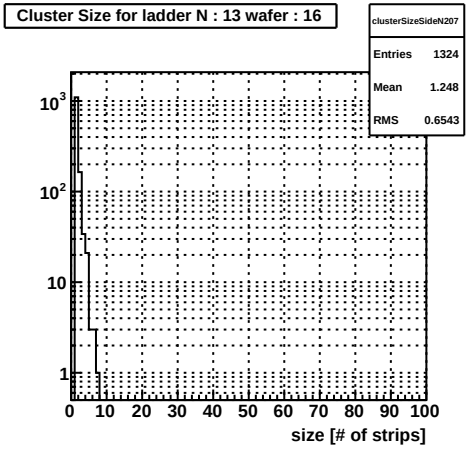

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 756
Mean 1.454
RMS 0.798
size [# of strips]

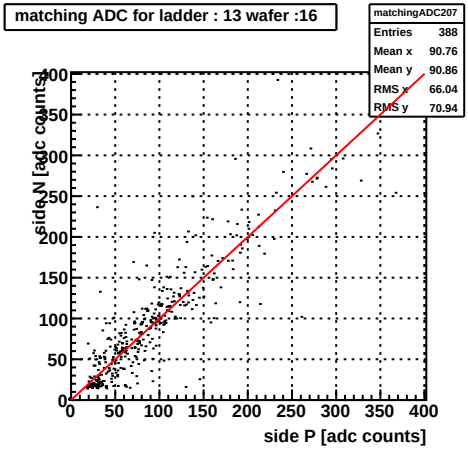

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 567
Mean x 87.82
Mean y 81.52
RMS x 73.32
RMS y 74.45
side N [adc counts]
side P [adc counts]

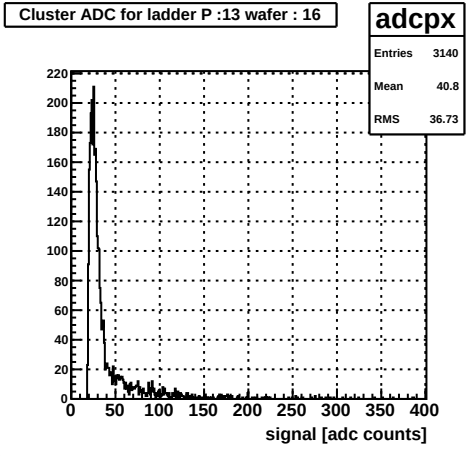

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 1204
Mean 56.08
RMS 59.28
signal [adc counts]

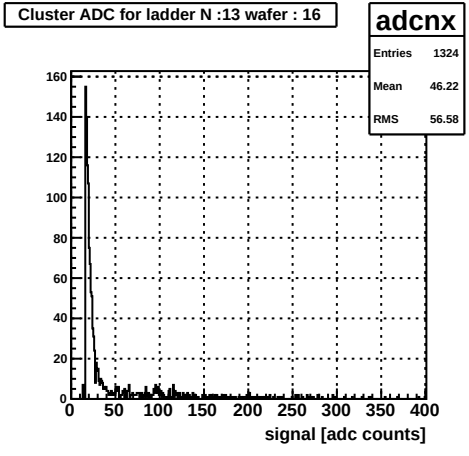

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 756
Mean 72.38
RMS 73.98
signal [adc counts]

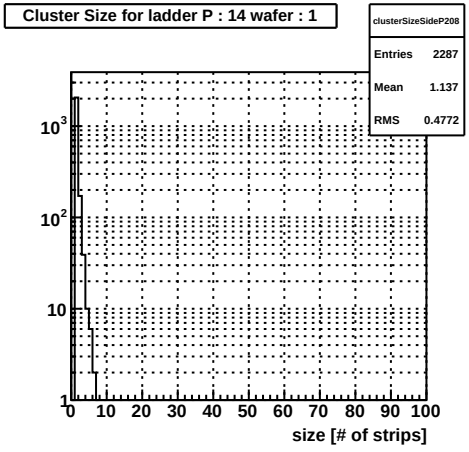

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 3140
Mean 1.194
RMS 0.5187
size [# of strips]

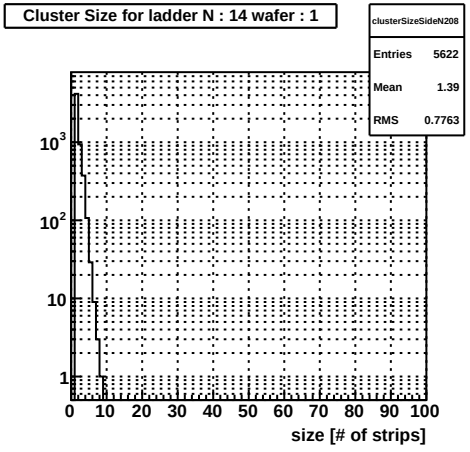

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 1324
Mean 1.248
RMS 0.6543
size [# of strips]

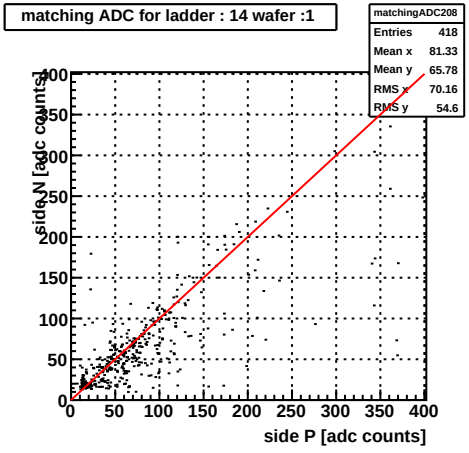

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 388
Mean x 90.76
Mean y 90.86
RMS x 66.04
RMS y 70.94
side N [adc counts]
side P [adc counts]

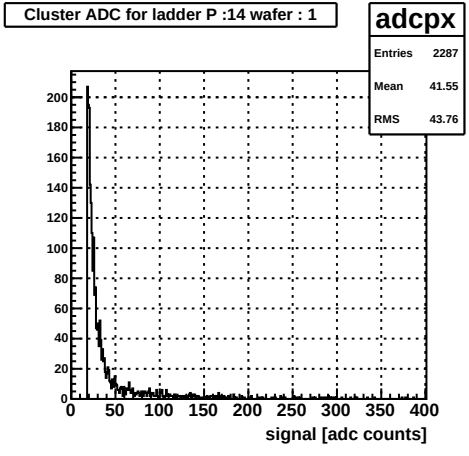

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 3140
Mean 40.8
RMS 36.73
signal [adc counts]

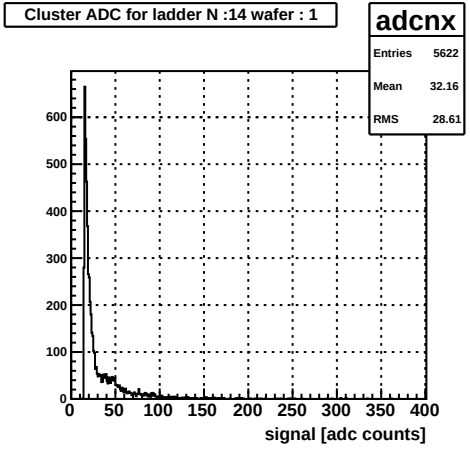

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 1324
Mean 46.22
RMS 56.58
signal [adc counts]

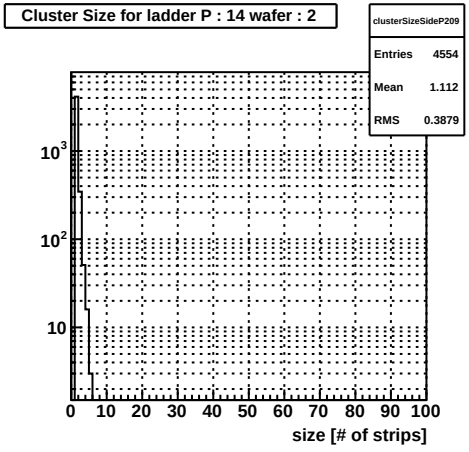

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 2287
Mean 1.137
RMS 0.4772
size [# of strips]

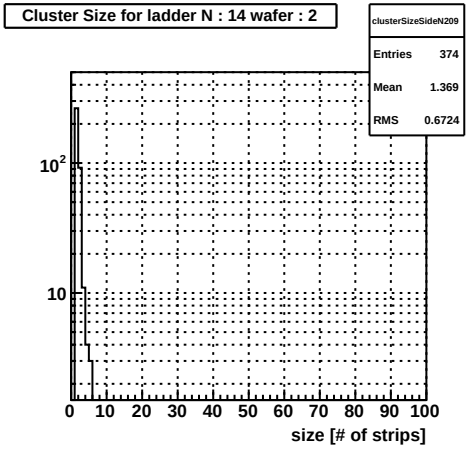

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 5622
Mean 1.39
RMS 0.7763
size [# of strips]

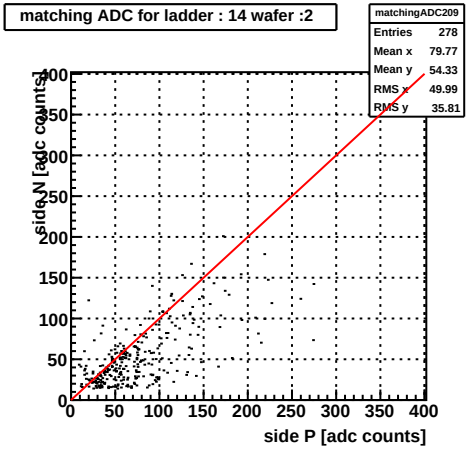

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 418
Mean x 81.33
Mean y 65.78
RMS x 70.16
RMS y 54.6
side N [adc counts]
side P [adc counts]

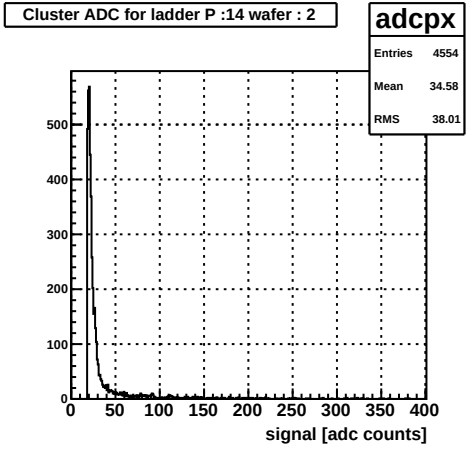

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 2287
Mean 41.55
RMS 43.76
signal [adc counts]

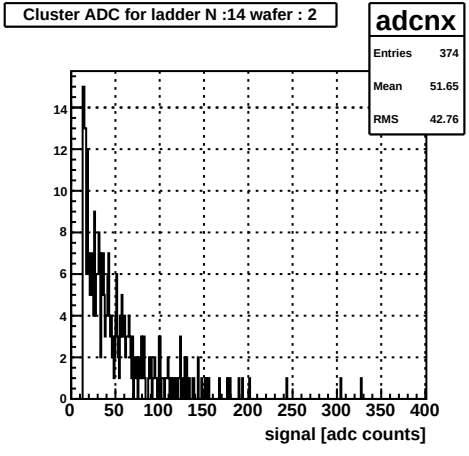

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 5622
Mean 32.16
RMS 28.61
signal [adc counts]

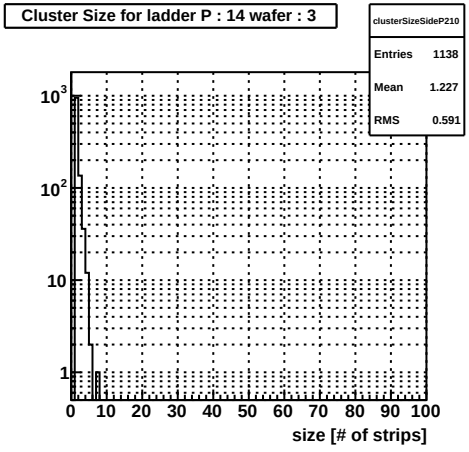

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 4554
Mean 1.112
RMS 0.3879
size [# of strips]

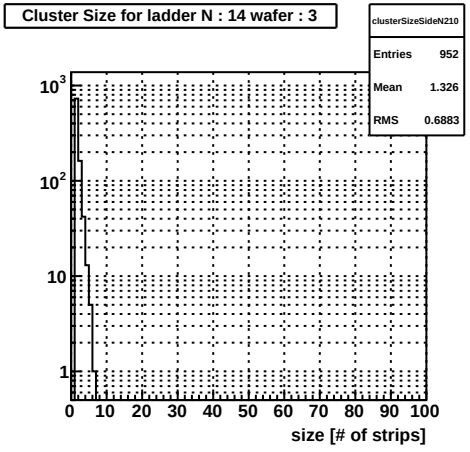

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 374
Mean 1.369
RMS 0.6724
size [# of strips]

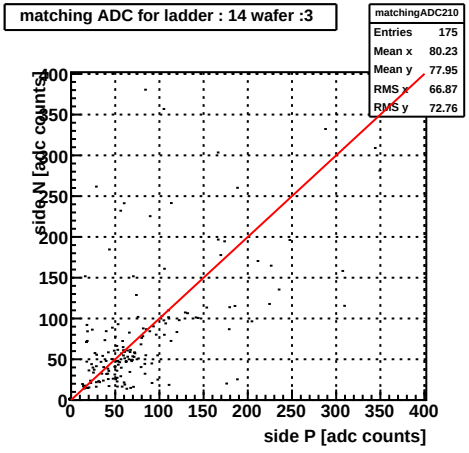

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 278
Mean x 79.77
Mean y 54.33
RMS x 49.99
RMS y 35.81
side N [adc counts]
side P [adc counts]

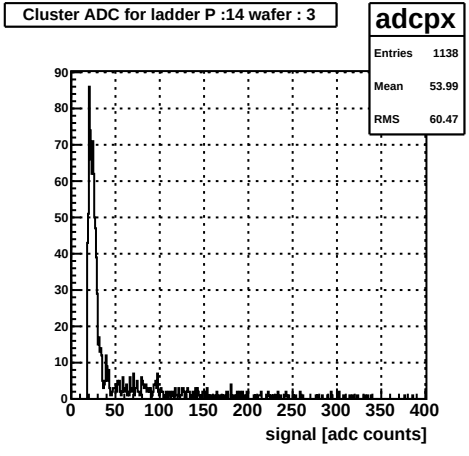

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 4554
Mean 34.58
RMS 38.01
signal [adc counts]

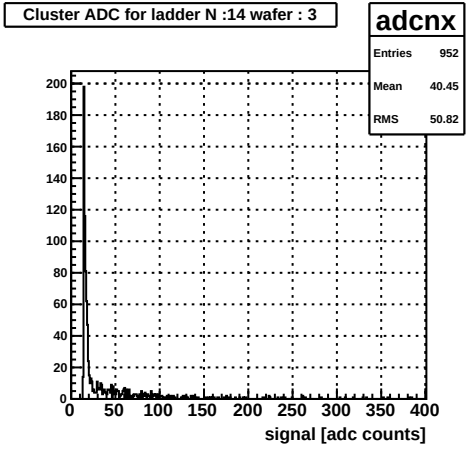

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 374
Mean 51.65
RMS 42.76
signal [adc counts]

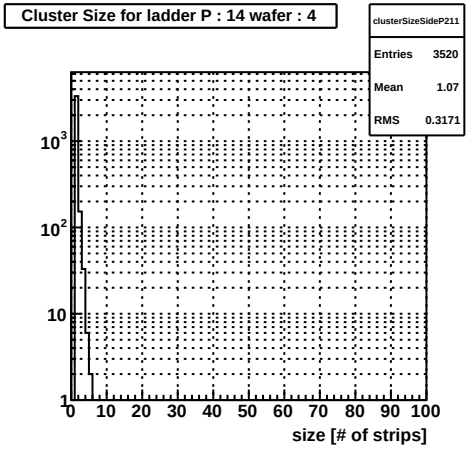

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 1138
Mean 1.227
RMS 0.591
size [# of strips]

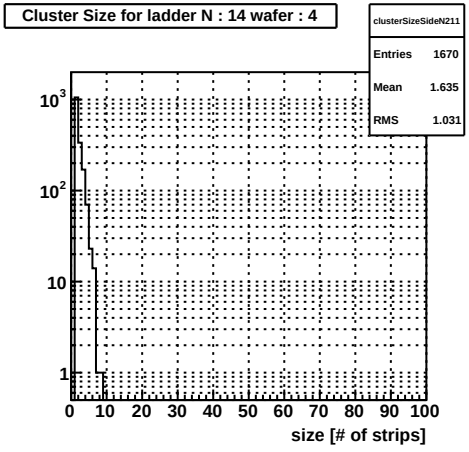

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 952
Mean 1.326
RMS 0.6883
size [# of strips]

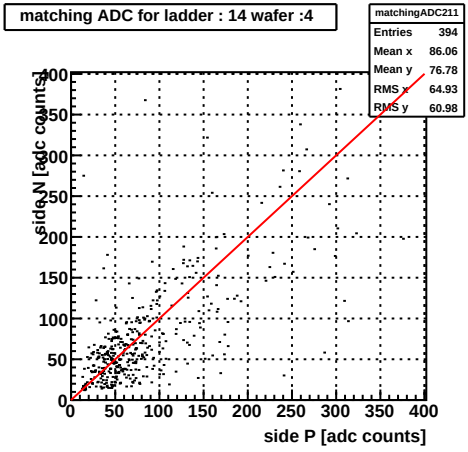

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 175
Mean x 80.23
Mean y 77.95
RMS x 66.87
RMS y 72.76
side N [adc counts]
side P [adc counts]

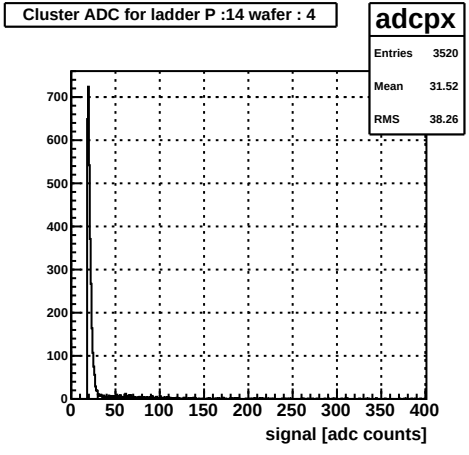

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 1138
Mean 53.99
RMS 60.47
signal [adc counts]

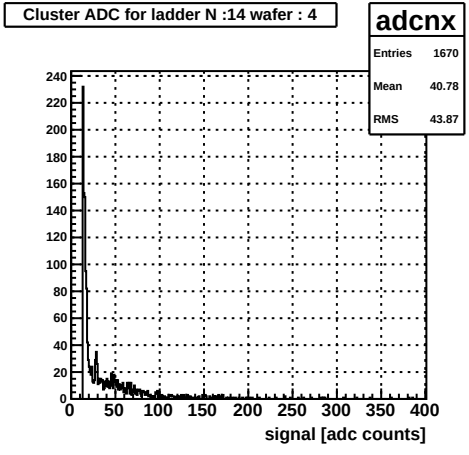

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 952
Mean 40.45
RMS 50.82
signal [adc counts]

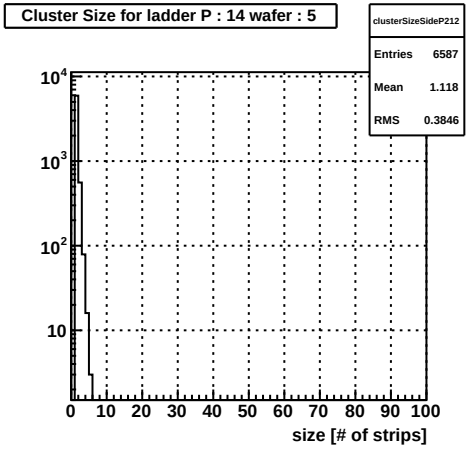

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 3520
Mean 1.07
RMS 0.3171
size [# of strips]

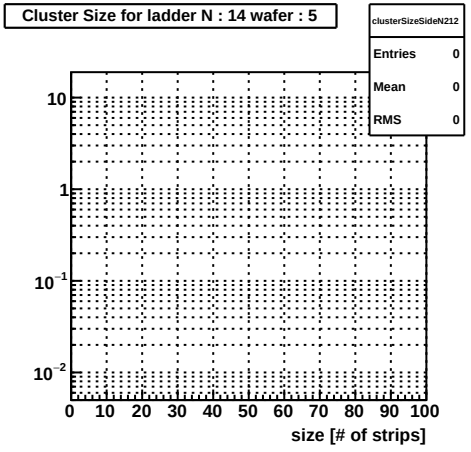

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 1670
Mean 1.635
RMS 1.031
size [# of strips]

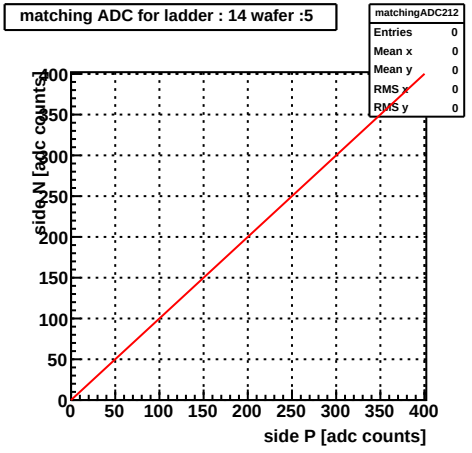

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 394
Mean x 86.06
Mean y 76.78
RMS x 64.93
RMS y 60.98
side N [adc counts]
side P [adc counts]

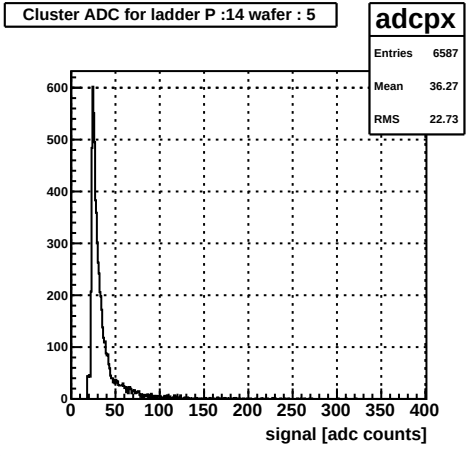

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 3520
Mean 31.52
RMS 38.26
signal [adc counts]

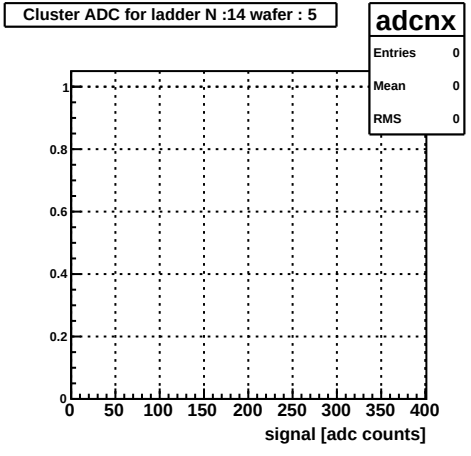

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 1670
Mean 40.78
RMS 43.87
signal [adc counts]

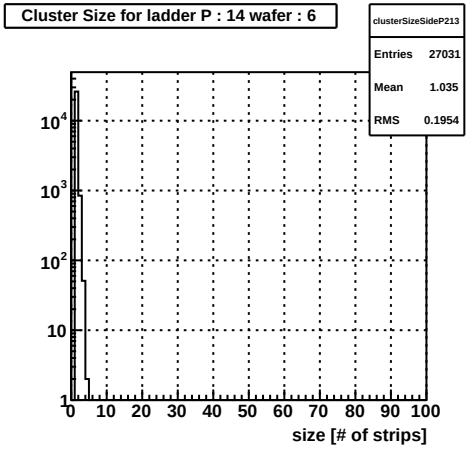

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 6587
Mean 1.118
RMS 0.3846
size [# of strips]

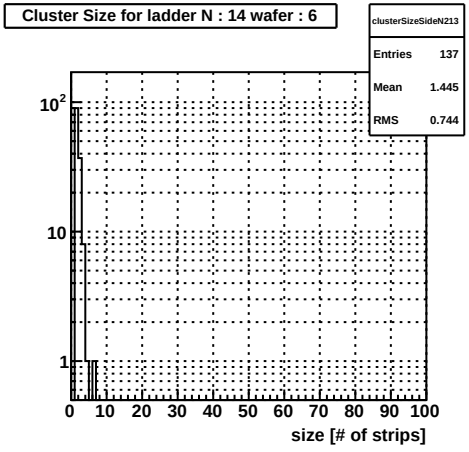

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

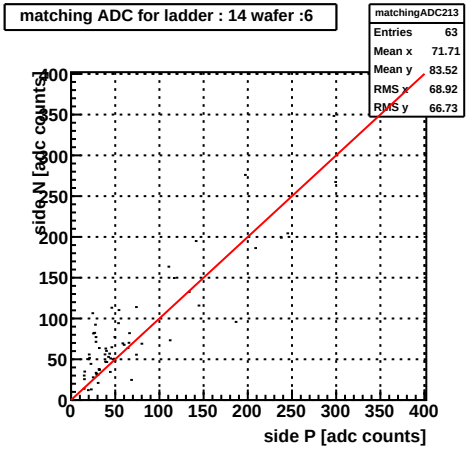

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

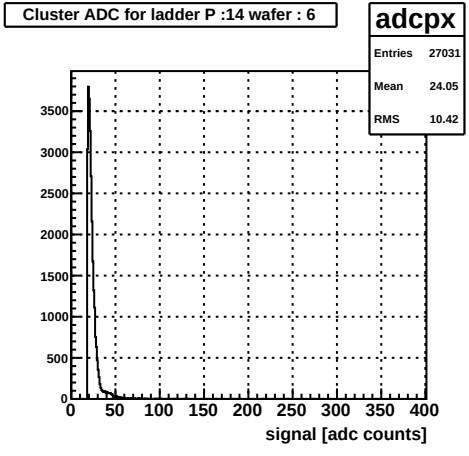

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 6587
Mean 36.27
RMS 22.73
signal [adc counts]

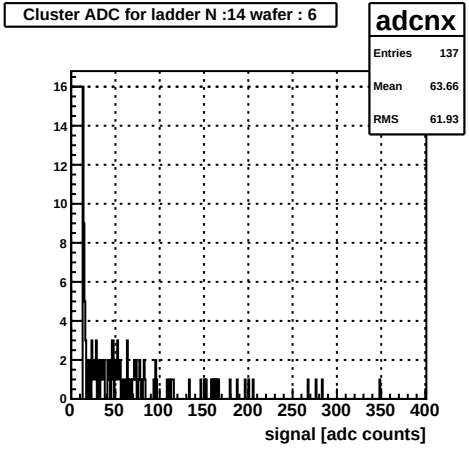

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

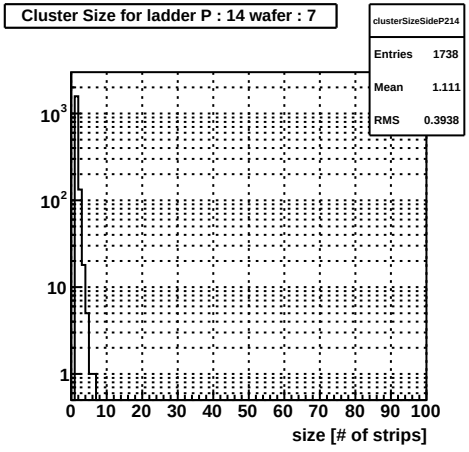

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 27031
Mean 1.035
RMS 0.1954
size [# of strips]

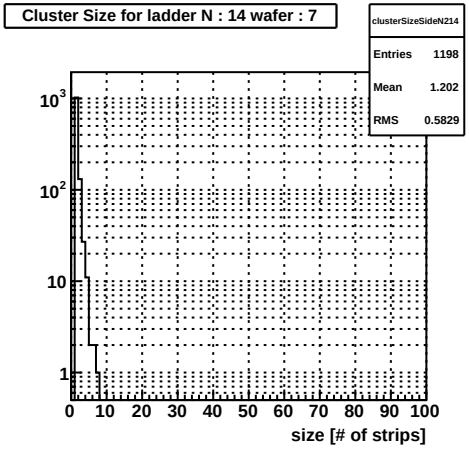

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 137
Mean 1.445
RMS 0.744
size [# of strips]

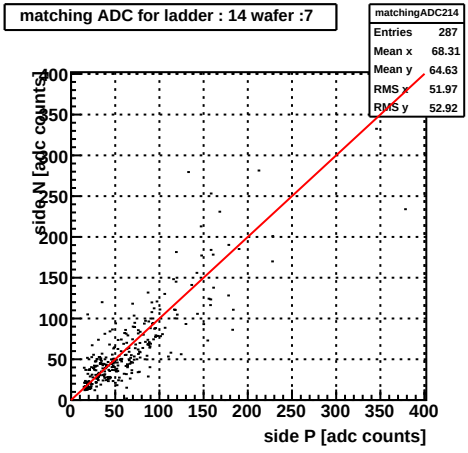

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 63
Mean x 71.71
Mean y 83.52
RMS x 68.92
RMS y 66.73
side N [adc counts]
side P [adc counts]

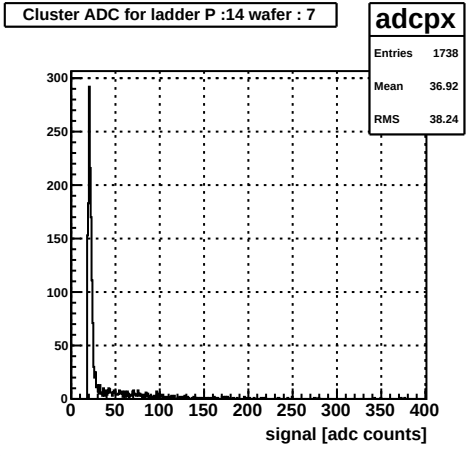

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 27031
Mean 24.05
RMS 10.42
signal [adc counts]

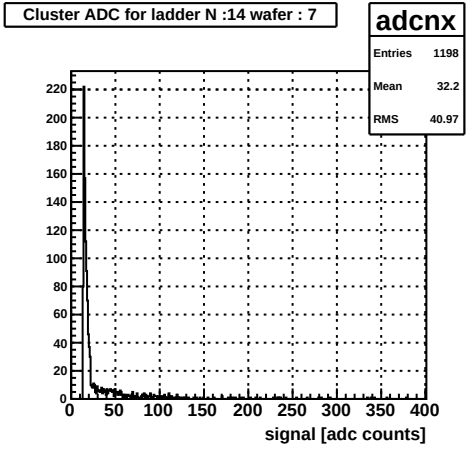

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 137
Mean 63.66
RMS 61.93
signal [adc counts]

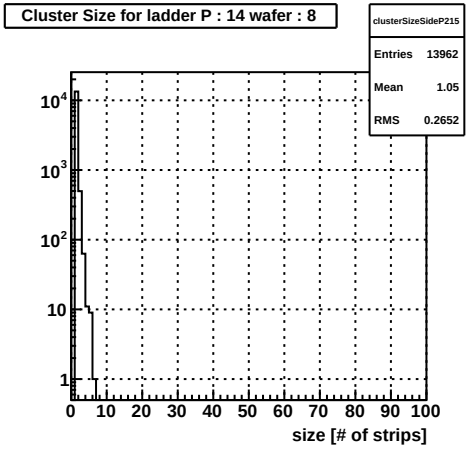

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 1738
Mean 1.111
RMS 0.3938
size [# of strips]

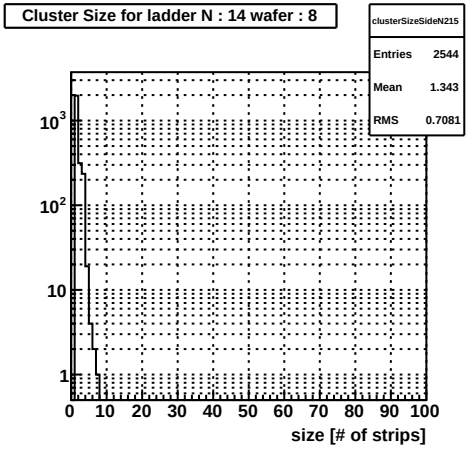

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 1198
Mean 1.202
RMS 0.5829
size [# of strips]

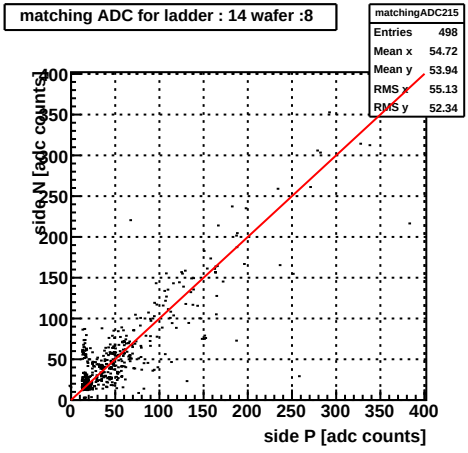

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 287
Mean x 68.31
Mean y 64.63
RMS x 51.97
RMS y 52.92
side N [adc counts]
side P [adc counts]

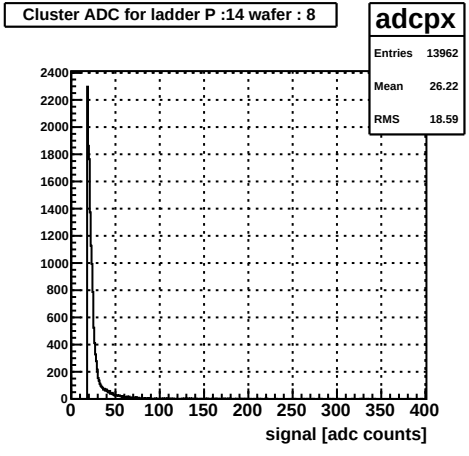

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 1738
Mean 36.92
RMS 38.24
signal [adc counts]

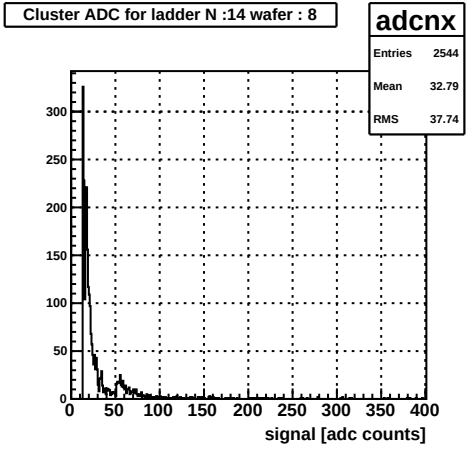

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 1198
Mean 32.2
RMS 40.97
signal [adc counts]

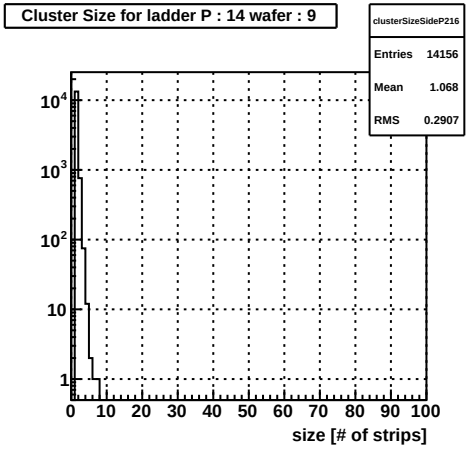

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 13962
Mean 1.05
RMS 0.2652
size [# of strips]

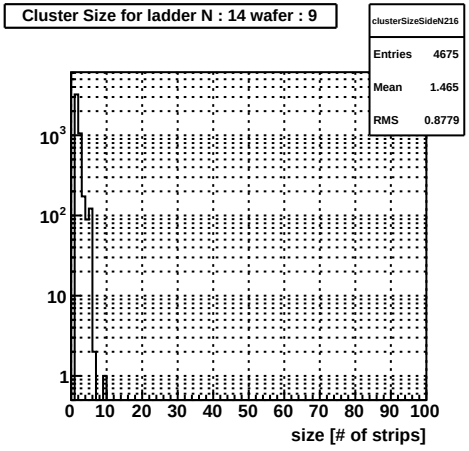

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 2544
Mean 1.343
RMS 0.7081
size [# of strips]

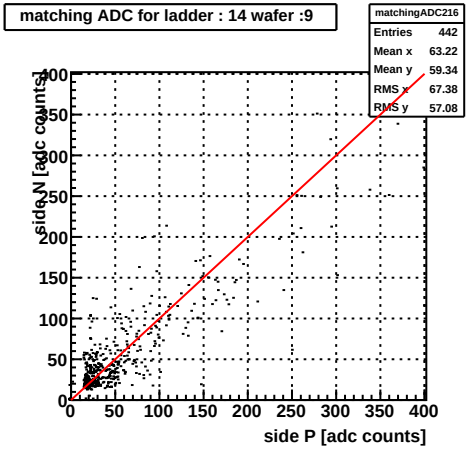

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 498
Mean x 54.72
Mean y 53.94
RMS x 55.13
RMS y 52.34
side N [adc counts]
side P [adc counts]

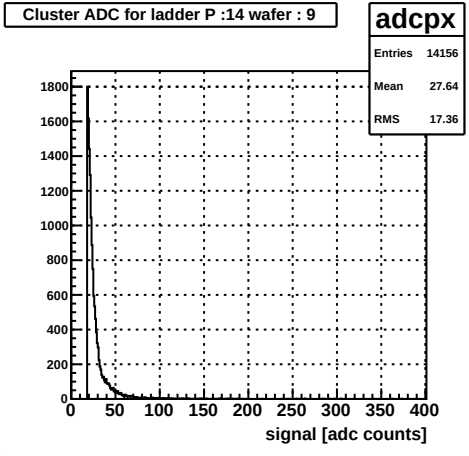

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 13962
Mean 26.22
RMS 18.59
signal [adc counts]

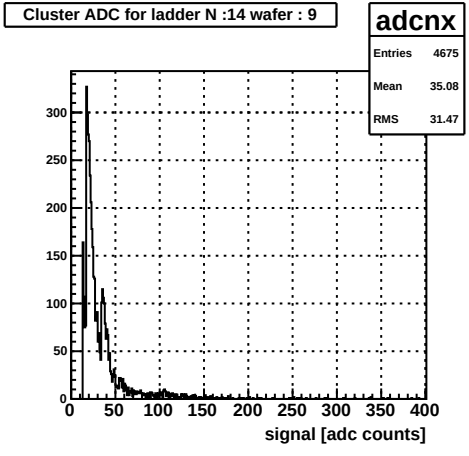

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 2544
Mean 32.79
RMS 37.74
signal [adc counts]

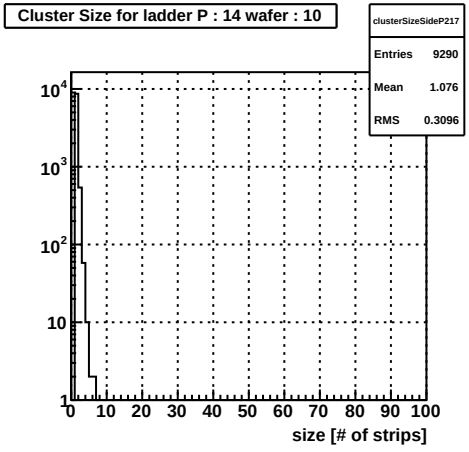

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 14156
Mean 1.068
RMS 0.2907
size [# of strips]

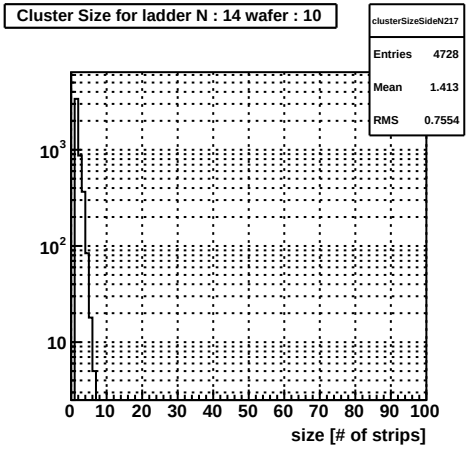

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 4675
Mean 1.465
RMS 0.8779
size [# of strips]

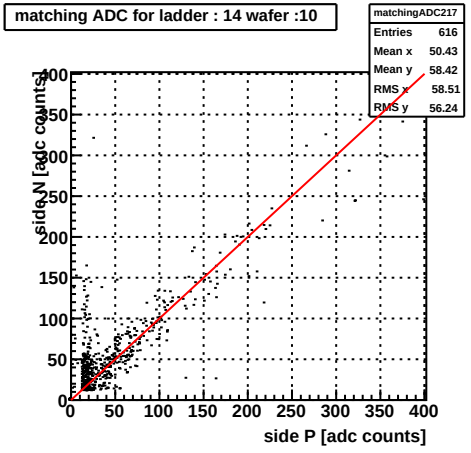

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 442
Mean x 63.22
Mean y 59.34
RMS x 67.38
RMS y 57.08
side N [adc counts]
side P [adc counts]

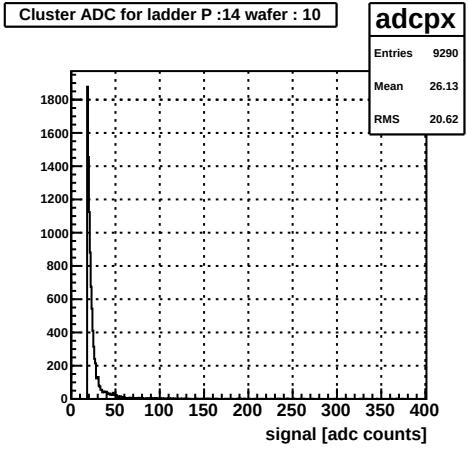

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 14156
Mean 27.64
RMS 17.36
signal [adc counts]

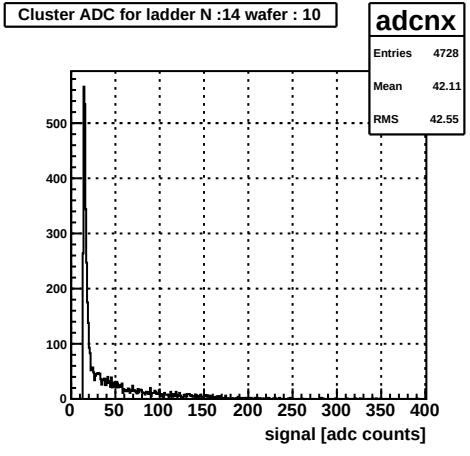

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 4675
Mean 35.08
RMS 31.47
signal [adc counts]

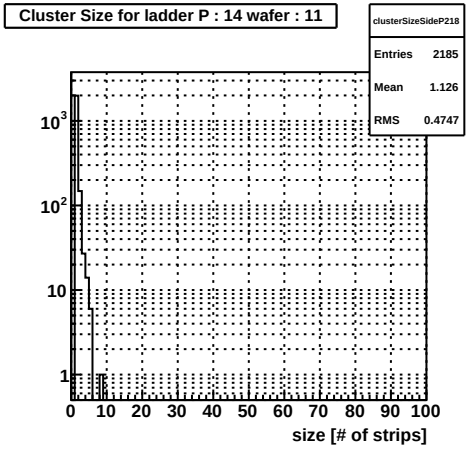

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 9290
Mean 1.076
RMS 0.3096
size [# of strips]

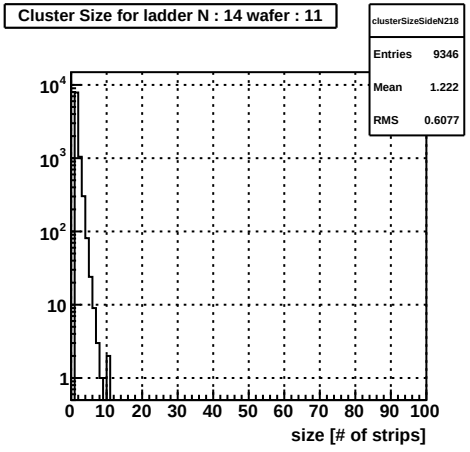

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 4728
Mean 1.413
RMS 0.7554
size [# of strips]

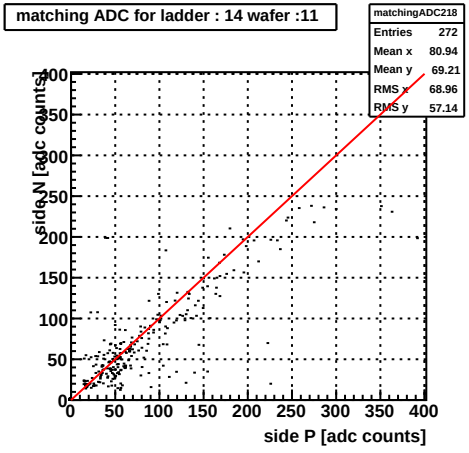

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 616
Mean x 50.43
Mean y 58.42
RMS x 58.51
RMS y 56.24
side N [adc counts]
side P [adc counts]

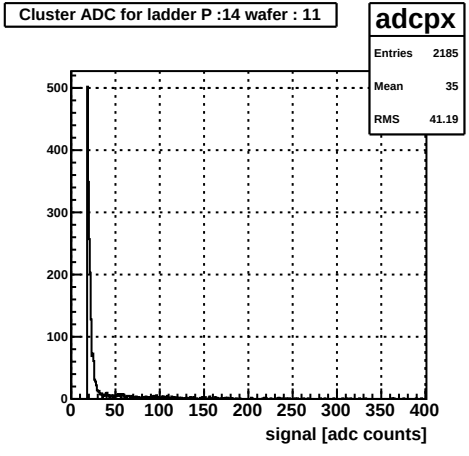

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 9290
Mean 26.13
RMS 20.62
signal [adc counts]

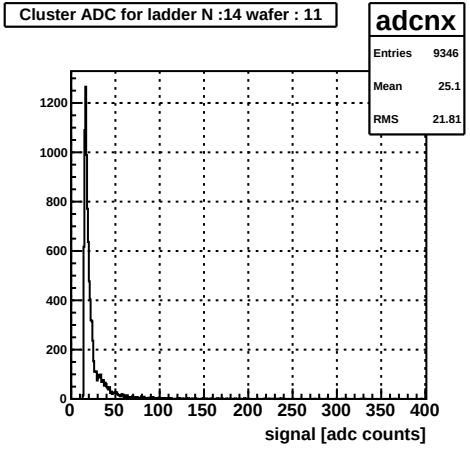

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 4728
Mean 42.11
RMS 42.55
signal [adc counts]

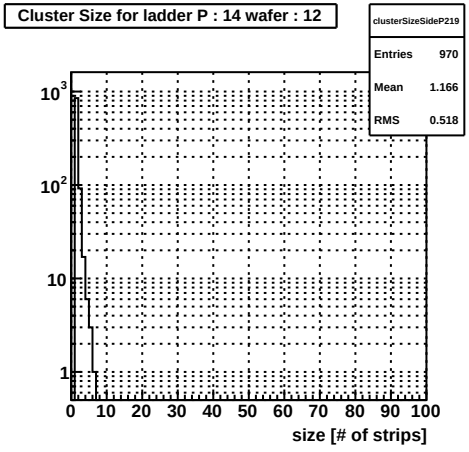

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 2185
Mean 1.126
RMS 0.4747
size [# of strips]

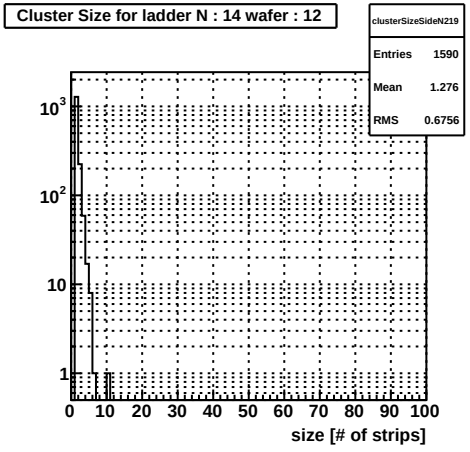

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 9346
Mean 1.222
RMS 0.6077
size [# of strips]

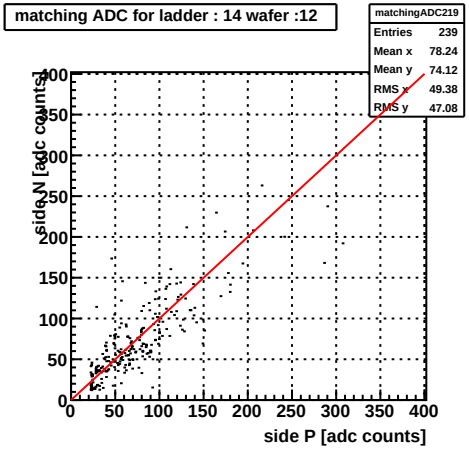

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 272
Mean x 80.94
Mean y 69.21
RMS x 68.96
RMS y 57.14
side N [adc counts]
side P [adc counts]

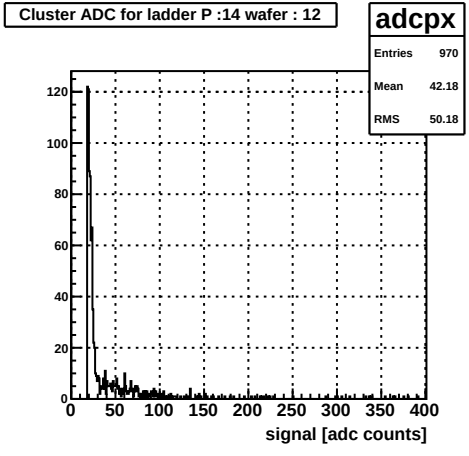

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 2185
Mean 35
RMS 41.19
signal [adc counts]

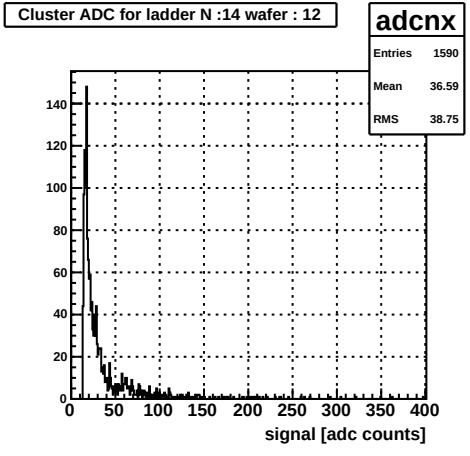

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 9346
Mean 25.1
RMS 21.81
signal [adc counts]

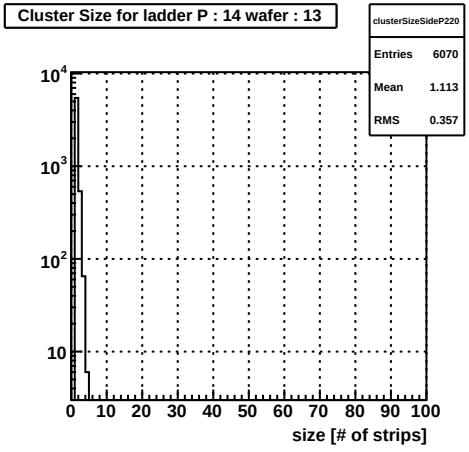

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 970
Mean 1.166
RMS 0.518
size [# of strips]

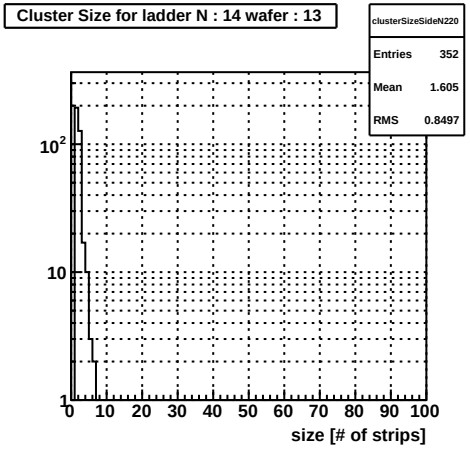

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 1590
Mean 1.276
RMS 0.6756
size [# of strips]

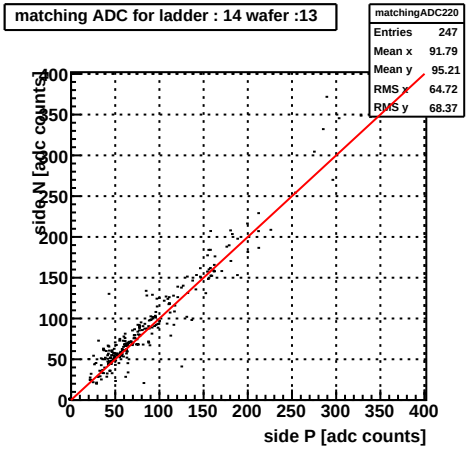

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 239
Mean x 78.24
Mean y 74.12
RMS x 49.38
RMS y 47.08
side N [adc counts]
side P [adc counts]

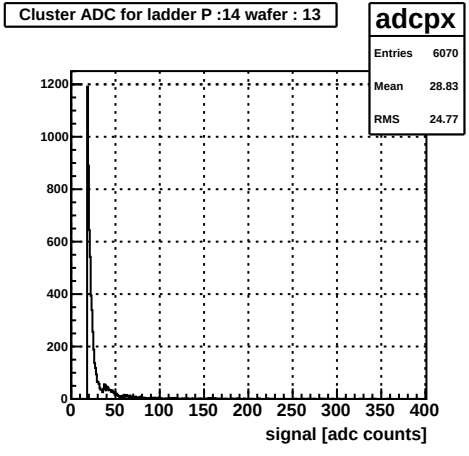

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 970
Mean 42.18
RMS 50.18
signal [adc counts]

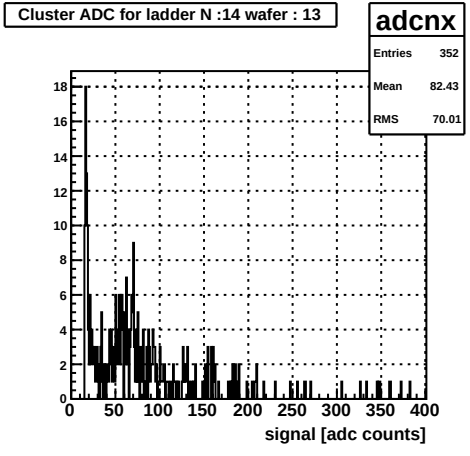

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 1590
Mean 36.59
RMS 38.75
signal [adc counts]

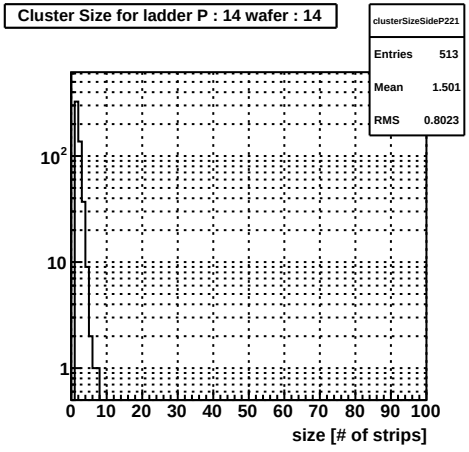

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 6070
Mean 1.113
RMS 0.357
size [# of strips]

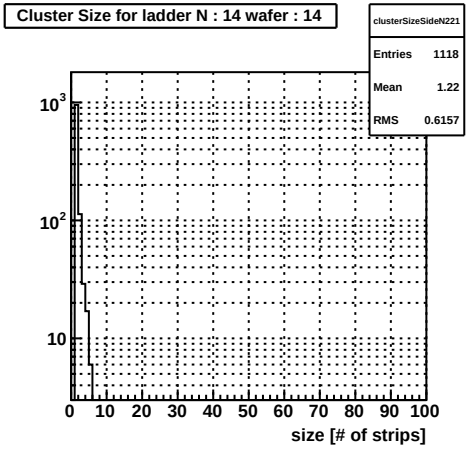

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 352
Mean 1.605
RMS 0.8497
size [# of strips]

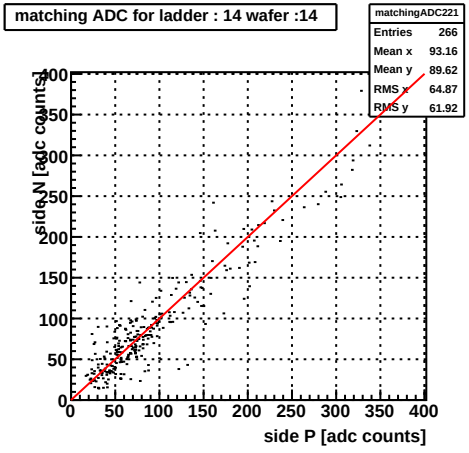

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 247
Mean x 91.79
Mean y 95.21
RMS x 64.72
RMS y 68.37
side N [adc counts]
side P [adc counts]

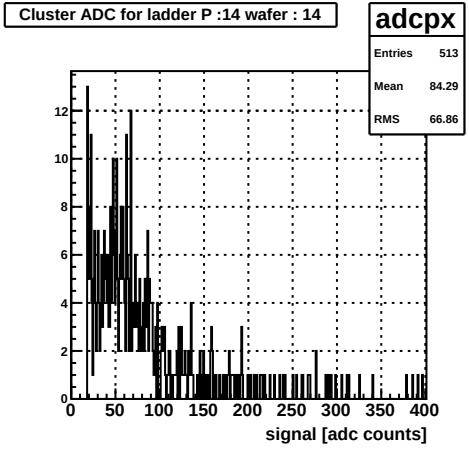

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 6070
Mean 28.83
RMS 24.77
signal [adc counts]

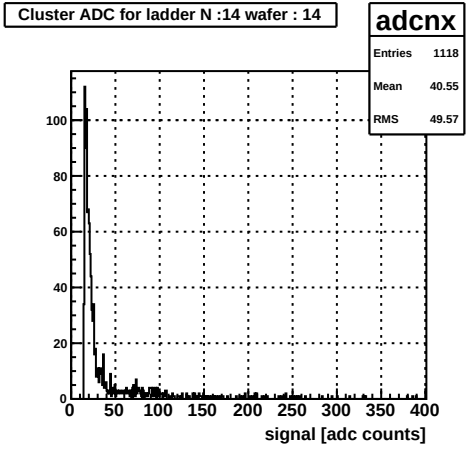

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 352
Mean 82.43
RMS 70.01
signal [adc counts]

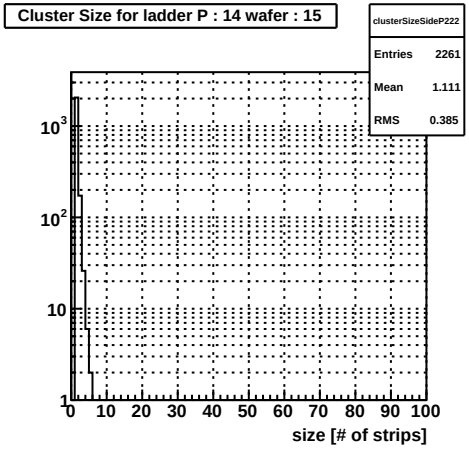

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 513
Mean 1.501
RMS 0.8023
size [# of strips]

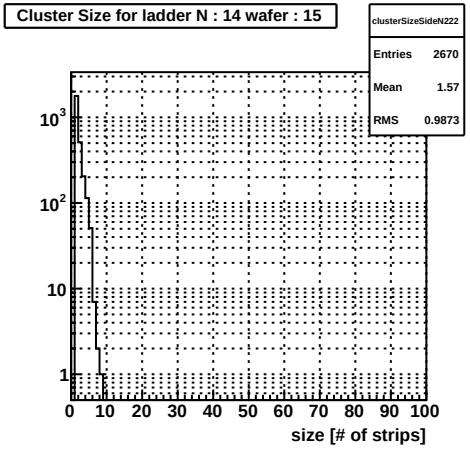

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 1118
Mean 1.22
RMS 0.6157
size [# of strips]

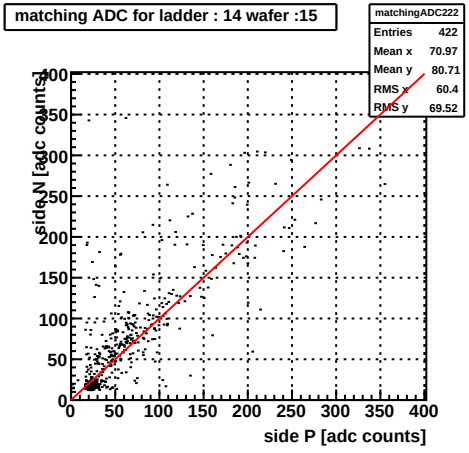

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 266
Mean x 93.16
Mean y 89.62
RMS x 64.87
RMS y 61.92
side N [adc counts]
side P [adc counts]

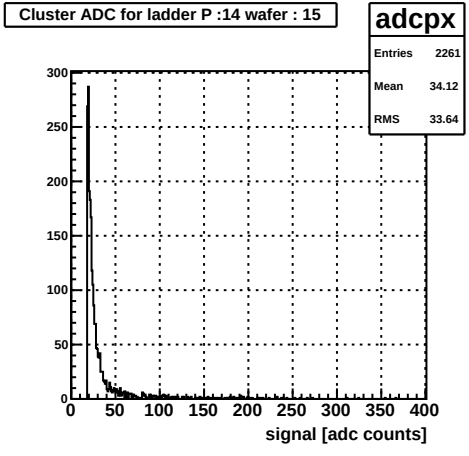

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 513
Mean 84.29
RMS 66.86
signal [adc counts]

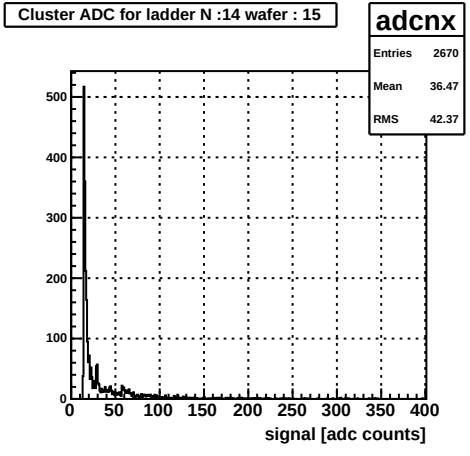

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 1118
Mean 40.55
RMS 49.57
signal [adc counts]

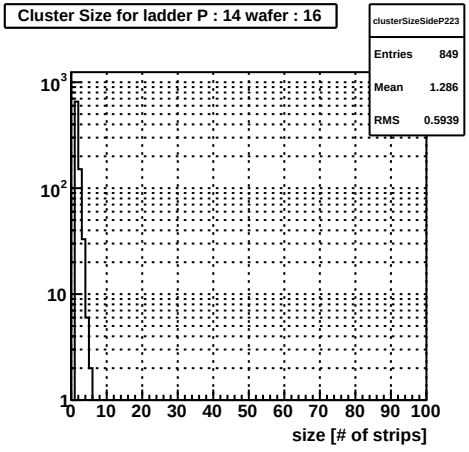

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 2261
Mean 1.111
RMS 0.385
size [# of strips]

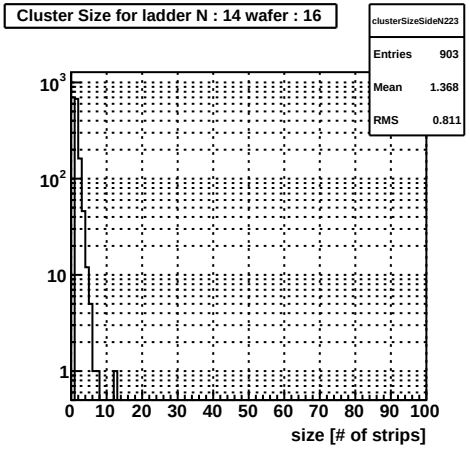

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 2670
Mean 1.57
RMS 0.9873
size [# of strips]

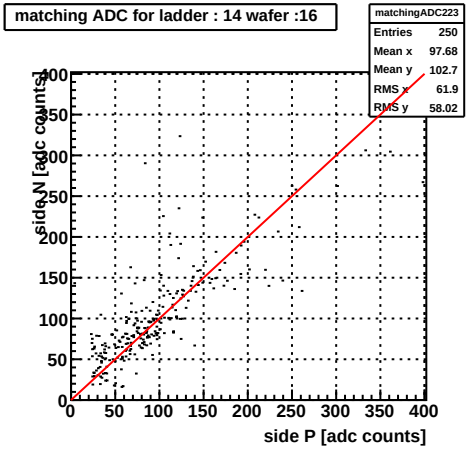

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 422
Mean x 70.97
Mean y 80.71
RMS x 60.4
RMS y 69.52
side N [adc counts]
side P [adc counts]

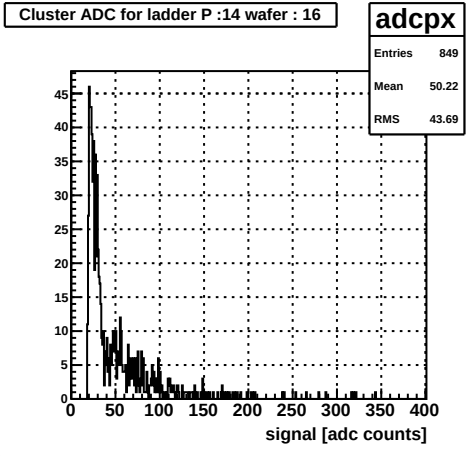

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 2261
Mean 34.12
RMS 33.64
signal [adc counts]

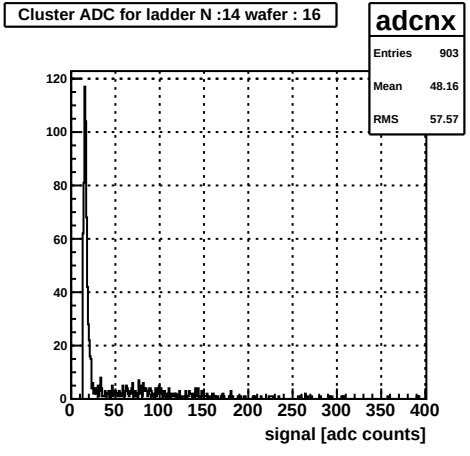

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 2670
Mean 36.47
RMS 42.37
signal [adc counts]

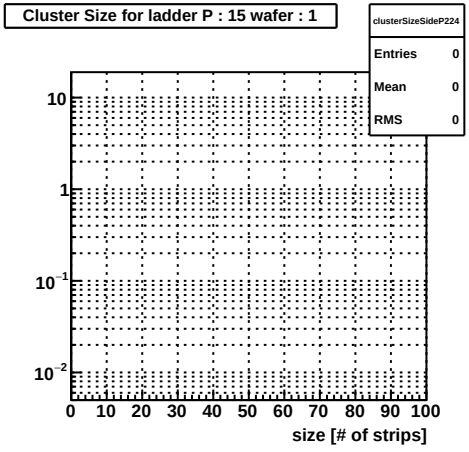

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 849
Mean 1.286
RMS 0.5939
size [# of strips]

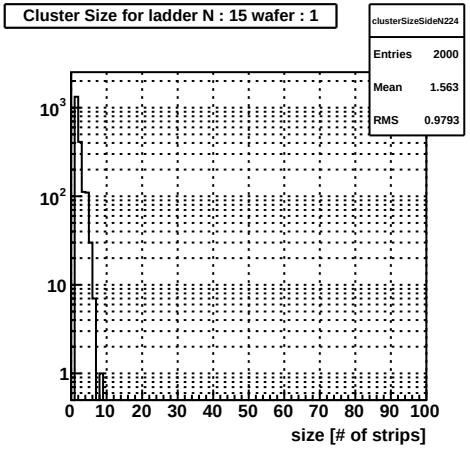

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 903
Mean 1.368
RMS 0.811
size [# of strips]

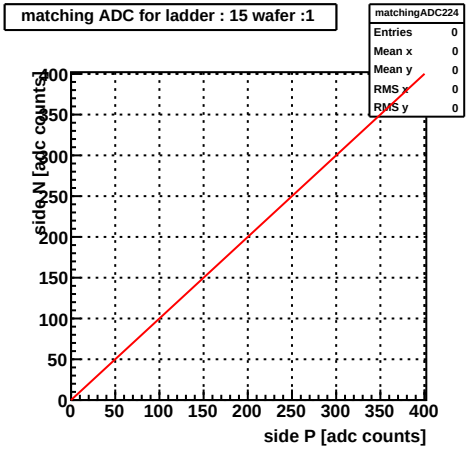

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 250
Mean x 97.68
Mean y 102.7
RMS x 61.9
RMS y 58.02
side N [adc counts]
side P [adc counts]

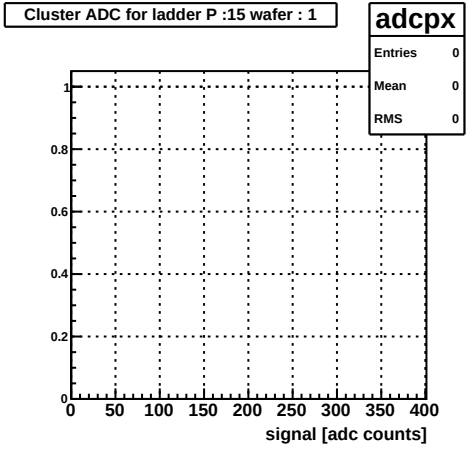

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 849
Mean 50.22
RMS 43.69
signal [adc counts]

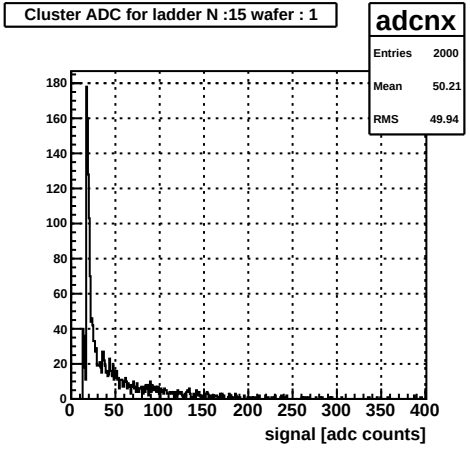

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 903
Mean 48.16
RMS 57.57
signal [adc counts]

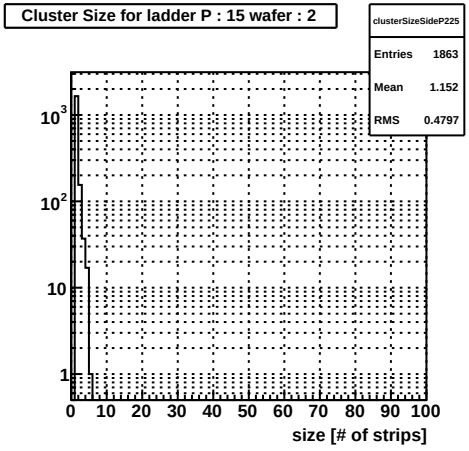

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

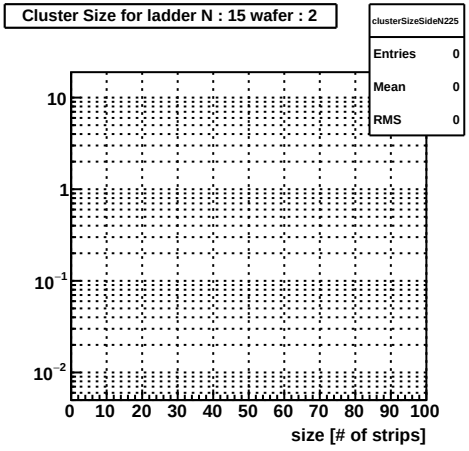

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 2000
Mean 1.563
RMS 0.9793
size [# of strips]

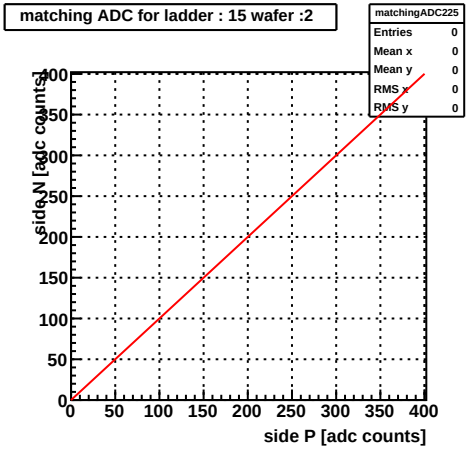

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

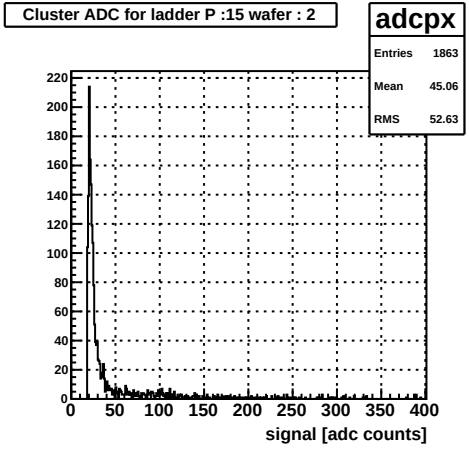

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

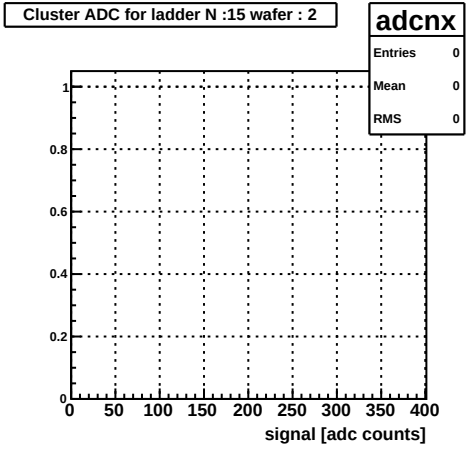

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 2000
Mean 50.21
RMS 49.94
signal [adc counts]

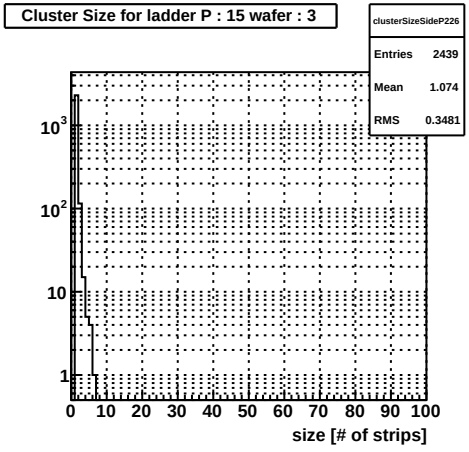

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 1863
Mean 1.152
RMS 0.4797
size [# of strips]

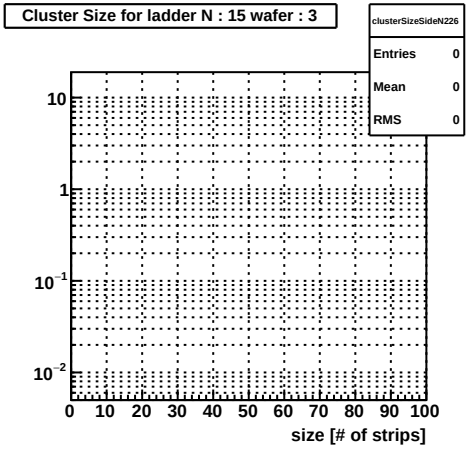

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

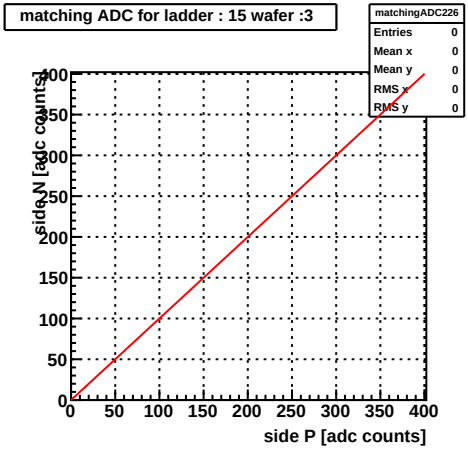

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

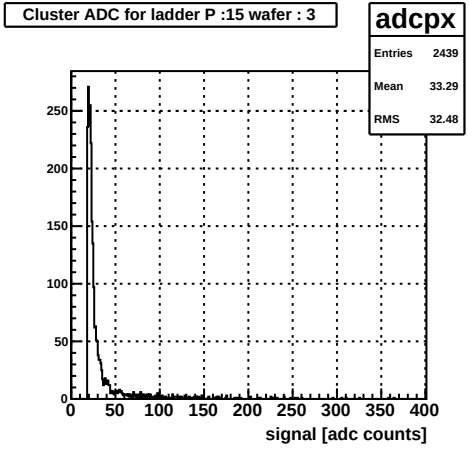

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 1863
Mean 45.06
RMS 52.63
signal [adc counts]

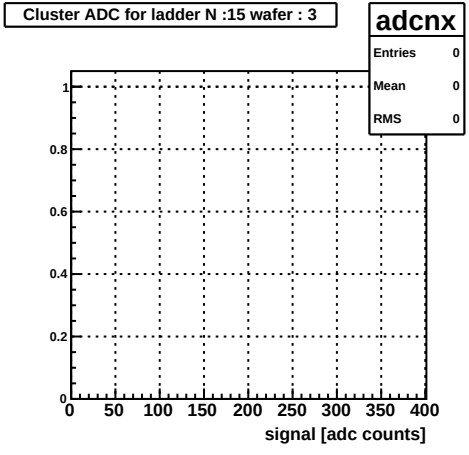

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

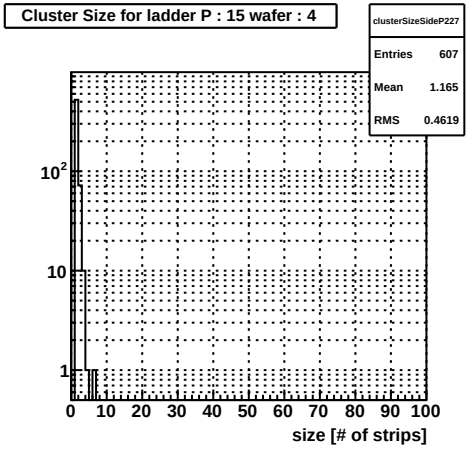

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 2439
Mean 1.074
RMS 0.3481
size [# of strips]

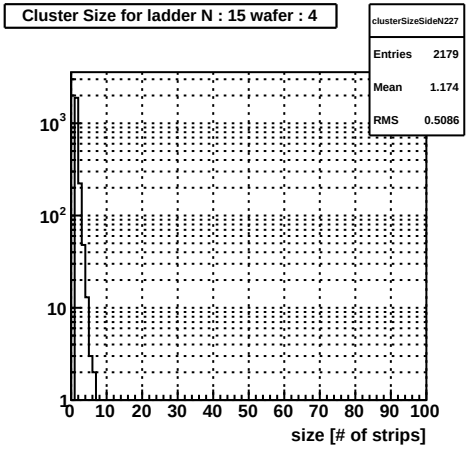

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

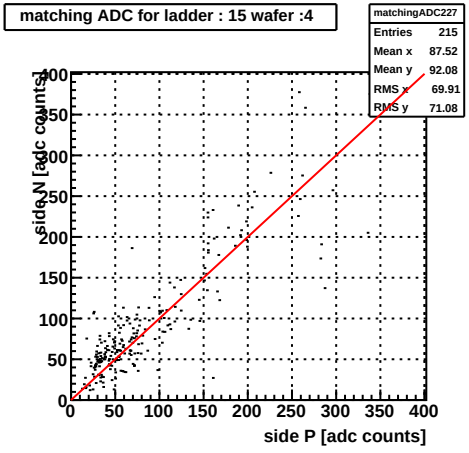

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

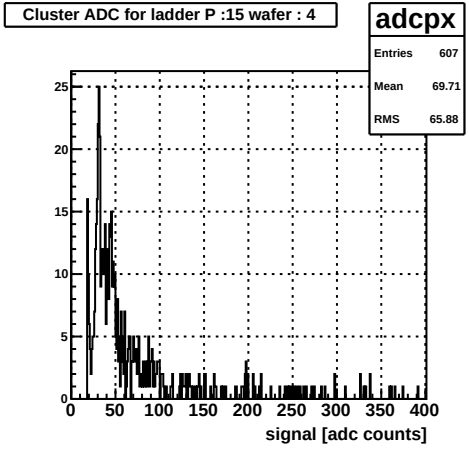

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 2439
Mean 33.29
RMS 32.48
signal [adc counts]

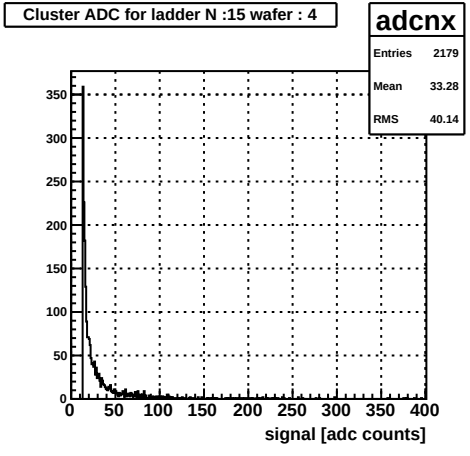

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

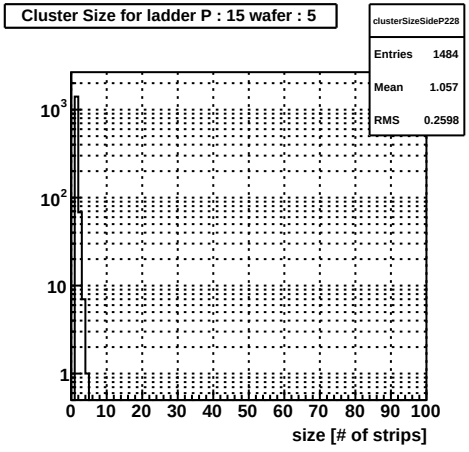

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 607
Mean 1.165
RMS 0.4619
size [# of strips]

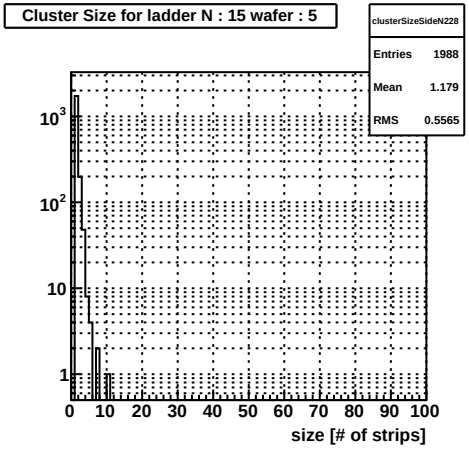

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 2179
Mean 1.174
RMS 0.5086
size [# of strips]

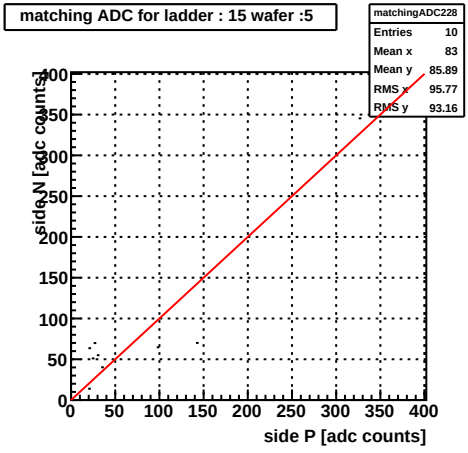

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 215
Mean x 87.52
Mean y 92.08
RMS x 69.91
RMS y 71.08
side N [adc counts]
side P [adc counts]

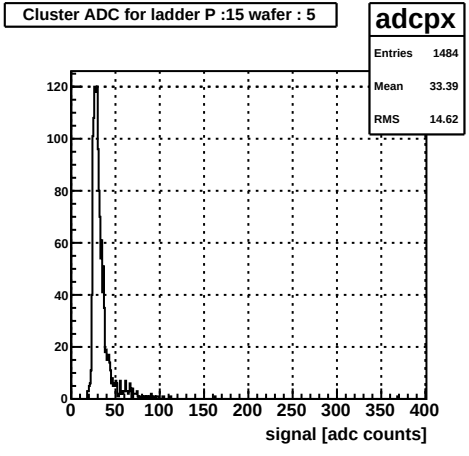

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 607
Mean 69.71
RMS 65.88
signal [adc counts]

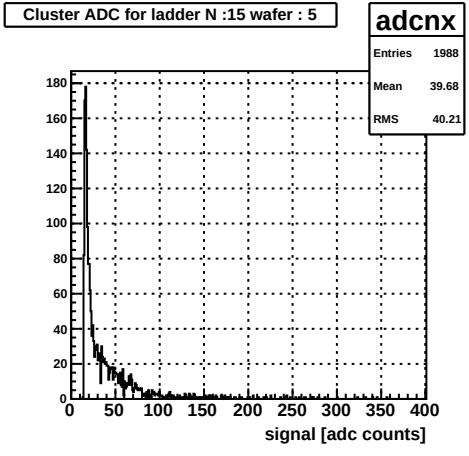

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 2179
Mean 33.28
RMS 40.14
signal [adc counts]

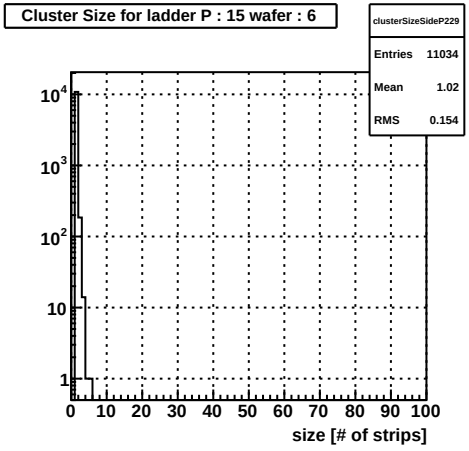

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1484
Mean 1.057
RMS 0.2598
size [# of strips]

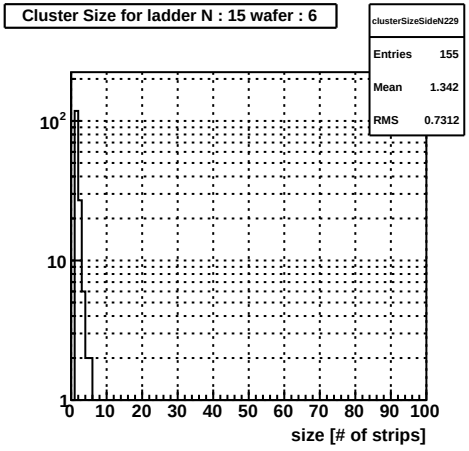

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 1988
Mean 1.179
RMS 0.5565
size [# of strips]

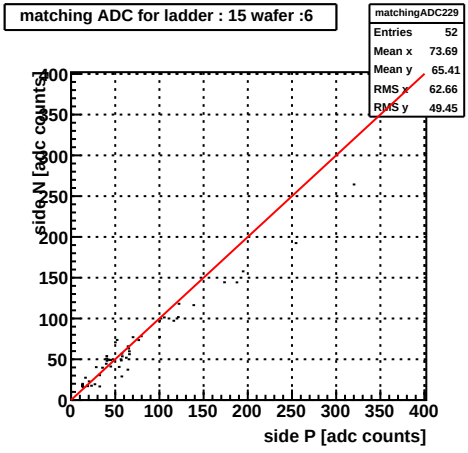

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 10
Mean x 83
Mean y 85.89
RMS x 95.77
RMS y 93.16
side N [adc counts]
side P [adc counts]

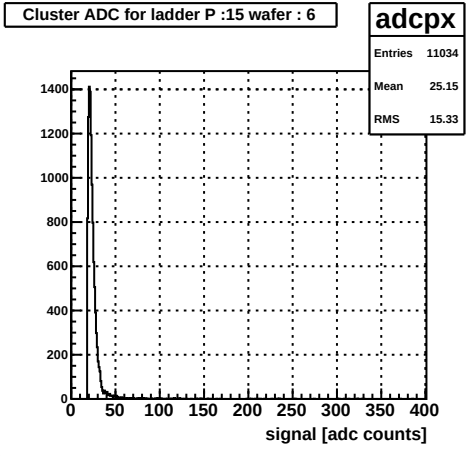

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1484
Mean 33.39
RMS 14.62
signal [adc counts]

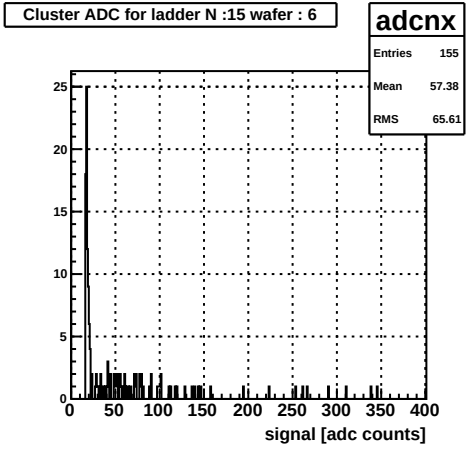

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 1988
Mean 39.68
RMS 40.21
signal [adc counts]

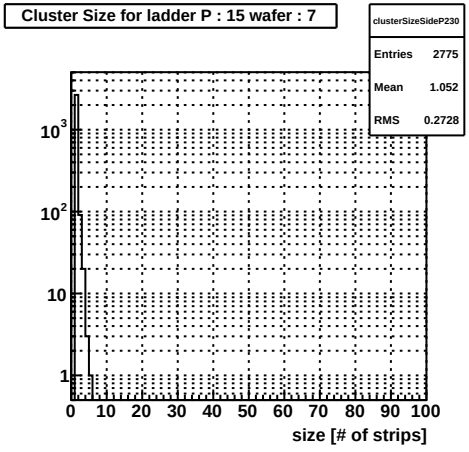

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 11034
Mean 1.02
RMS 0.154
size [# of strips]

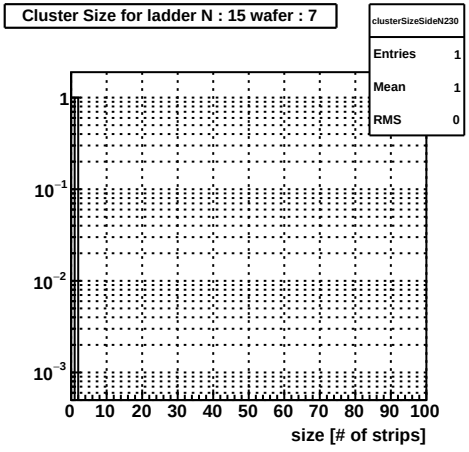

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 155
Mean 1.342
RMS 0.7312
size [# of strips]

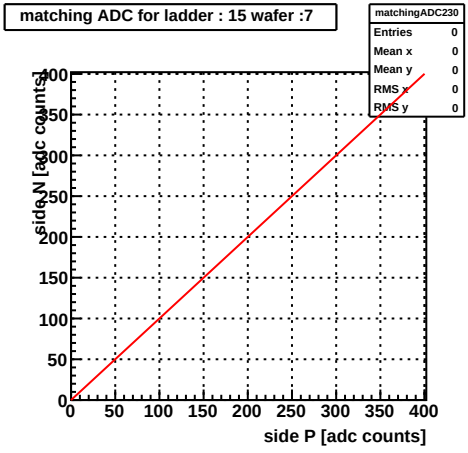

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 52
Mean x 73.69
Mean y 65.41
RMS x 62.66
RMS y 49.45
side N [adc counts]
side P [adc counts]

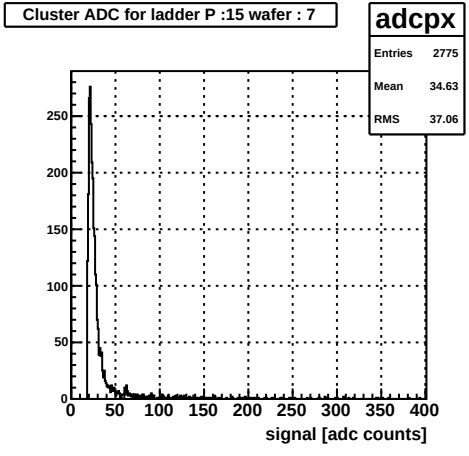

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 11034
Mean 25.15
RMS 15.33
signal [adc counts]

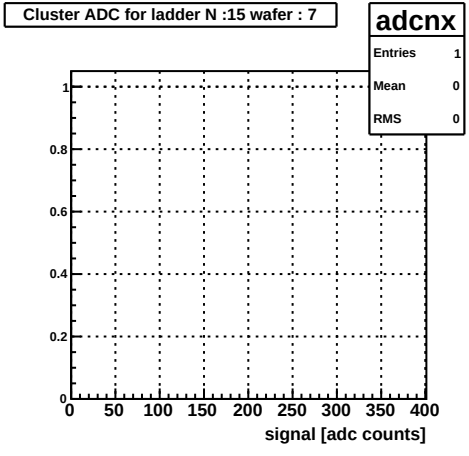

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 155
Mean 57.38
RMS 65.61
signal [adc counts]

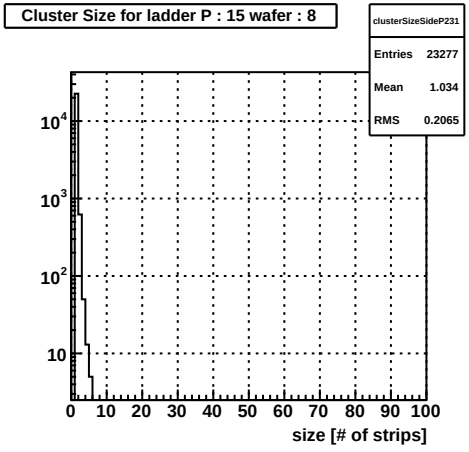

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 2775
Mean 1.052
RMS 0.2728
size [# of strips]

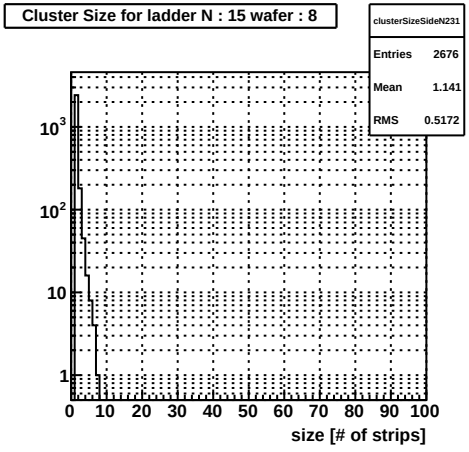

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 1
Mean 1
RMS 0
size [# of strips]

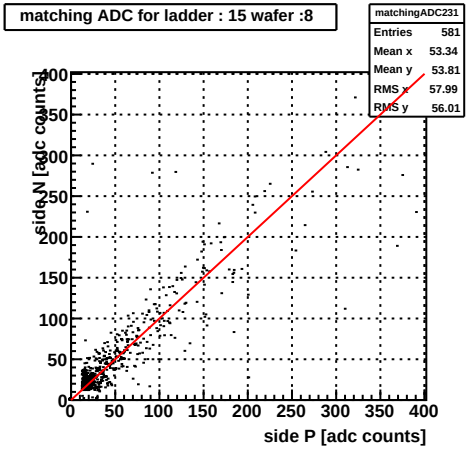

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

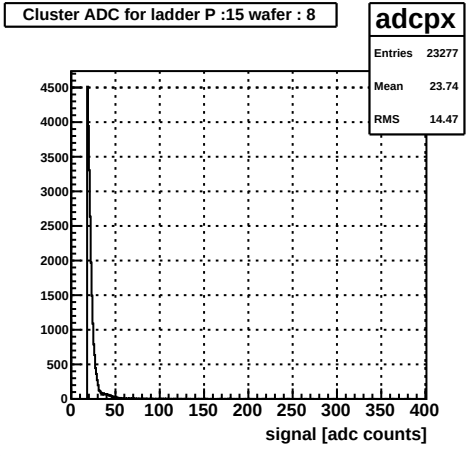

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 2775
Mean 34.63
RMS 37.06
signal [adc counts]

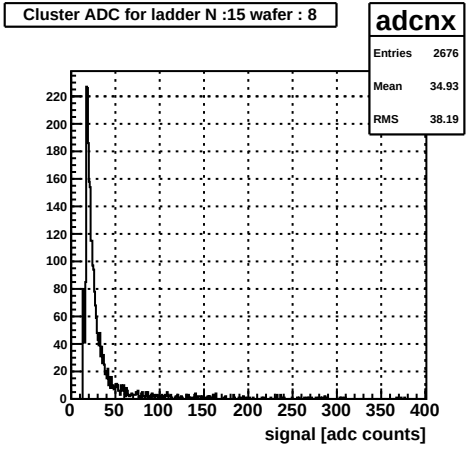

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

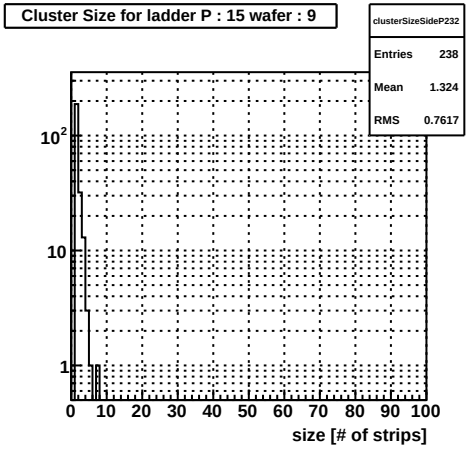

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 23277
Mean 1.034
RMS 0.2065
size [# of strips]

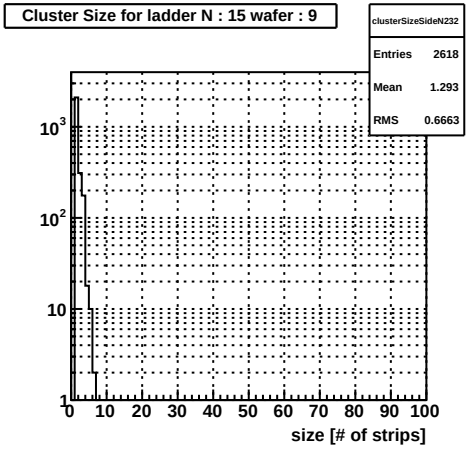

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 2676
Mean 1.141
RMS 0.5172
size [# of strips]

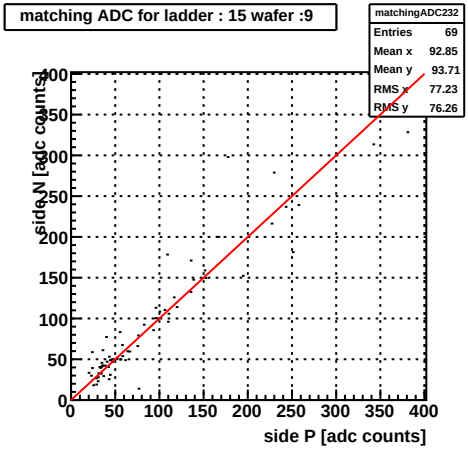

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 581
Mean x 53.34
Mean y 53.81
RMS x 57.99
RMS y 56.01
side N [adc counts]
side P [adc counts]

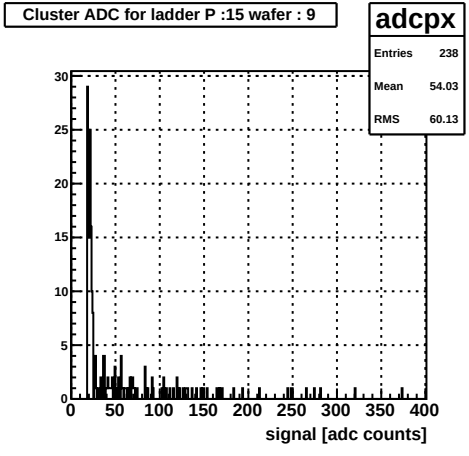

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 23277
Mean 23.74
RMS 14.47
signal [adc counts]

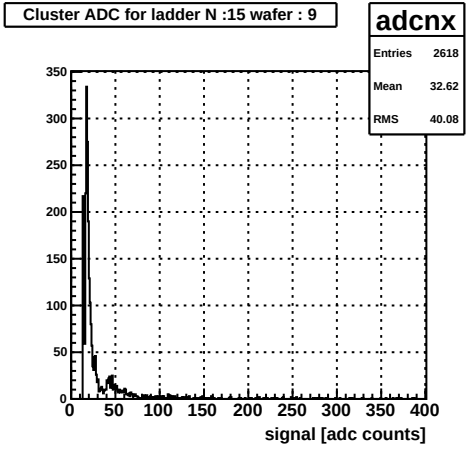

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 2676
Mean 34.93
RMS 38.19
signal [adc counts]

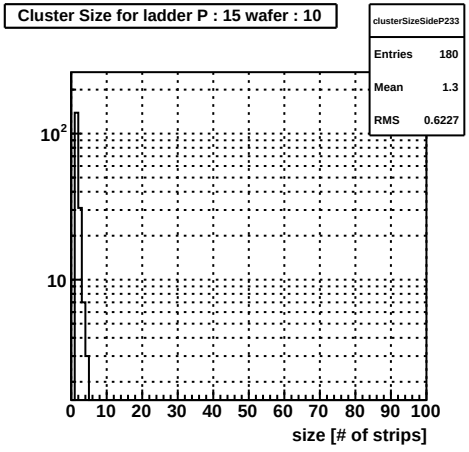

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 238
Mean 1.324
RMS 0.7617
size [# of strips]

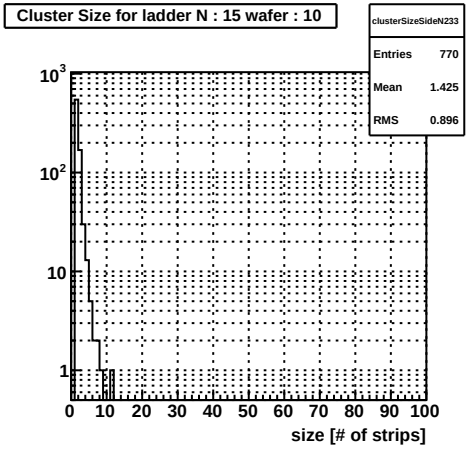

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 2618
Mean 1.293
RMS 0.6663
size [# of strips]

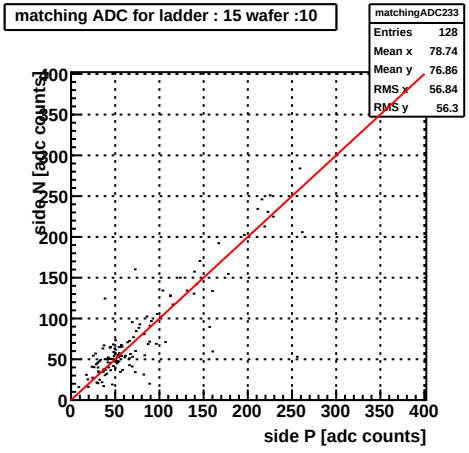

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 69
Mean x 92.85
Mean y 93.71
RMS x 77.23
RMS y 76.26
side N [adc counts]
side P [adc counts]

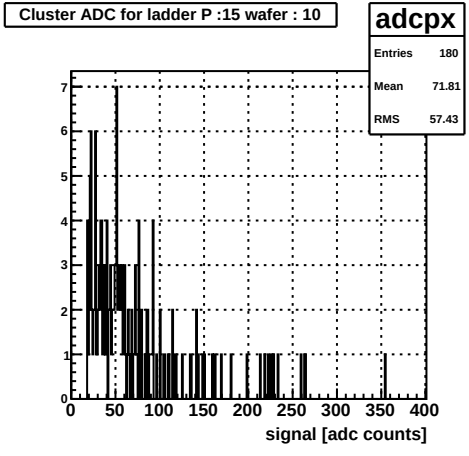

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 238
Mean 54.03
RMS 60.13
signal [adc counts]

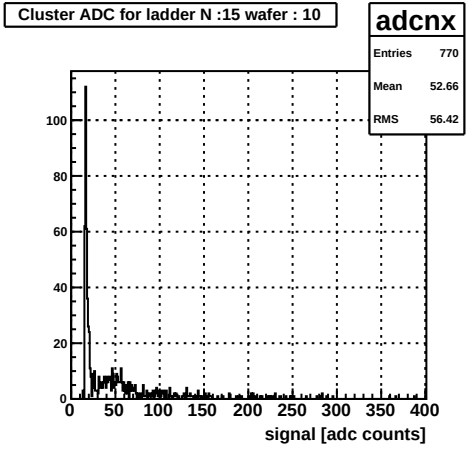

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 2618
Mean 32.62
RMS 40.08
signal [adc counts]

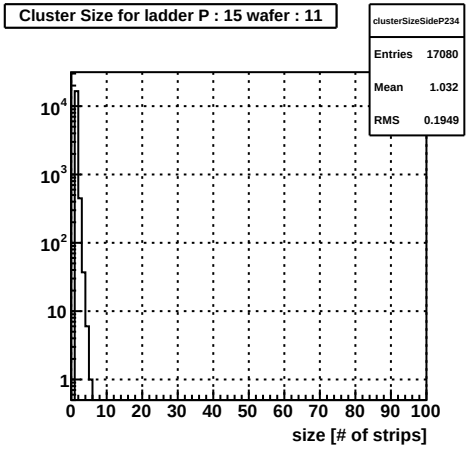

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 180
Mean 1.3
RMS 0.6227
size [# of strips]

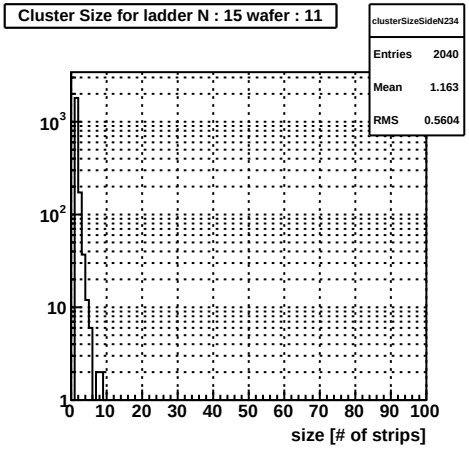

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 770
Mean 1.425
RMS 0.896
size [# of strips]

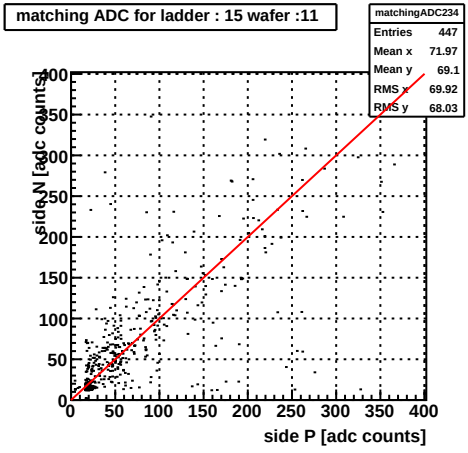

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 128
Mean x 78.74
Mean y 76.86
RMS x 56.84
RMS y 56.3
side N [adc counts]
side P [adc counts]

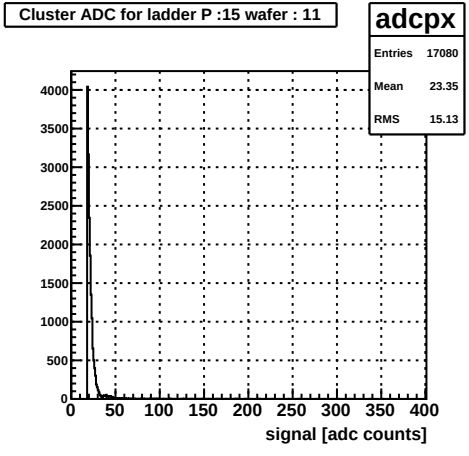

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 180
Mean 71.81
RMS 57.43
signal [adc counts]

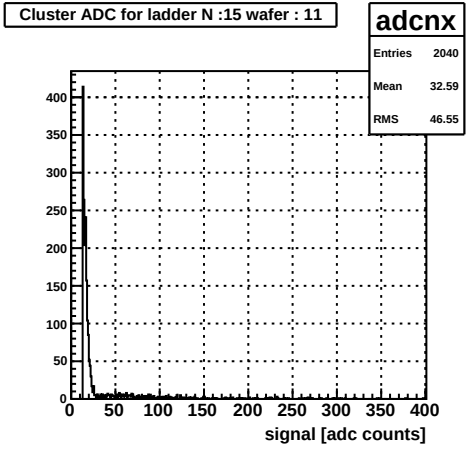

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 770
Mean 52.66
RMS 56.42
signal [adc counts]

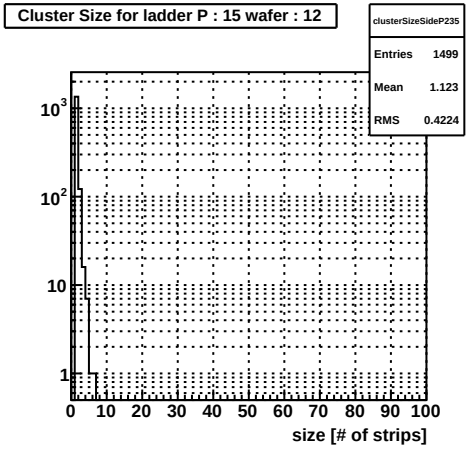

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 17080
Mean 1.032
RMS 0.1949
size [# of strips]

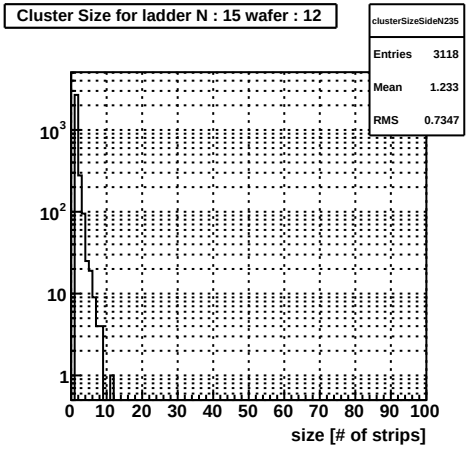

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 2040
Mean 1.163
RMS 0.5604
size [# of strips]

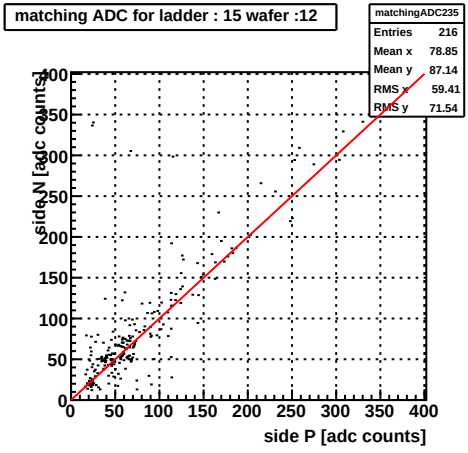

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 447
Mean x 71.97
Mean y 69.1
RMS x 69.92
RMS y 68.03
side N [adc counts]
side P [adc counts]

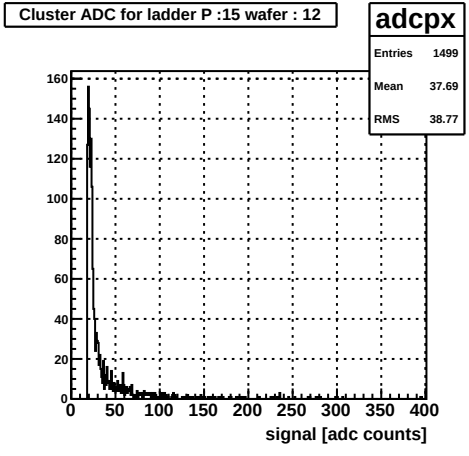

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 17080
Mean 23.35
RMS 15.13
signal [adc counts]

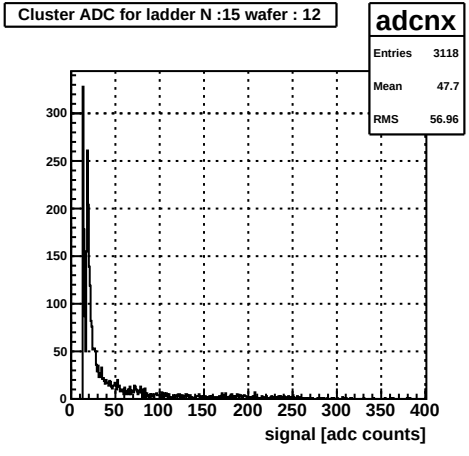

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 2040
Mean 32.59
RMS 46.55
signal [adc counts]

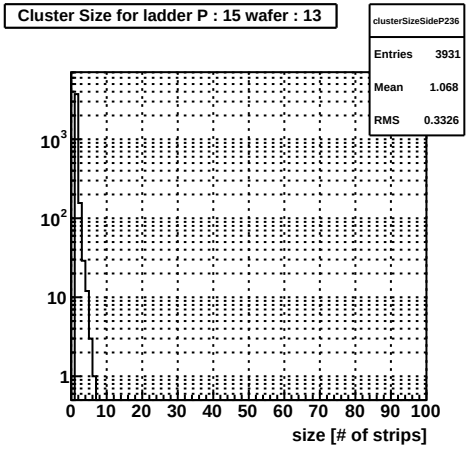

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 1499
Mean 1.123
RMS 0.4224
size [# of strips]

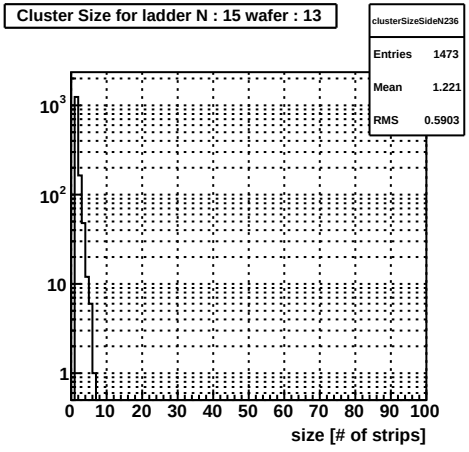

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 3118
Mean 1.233
RMS 0.7347
size [# of strips]

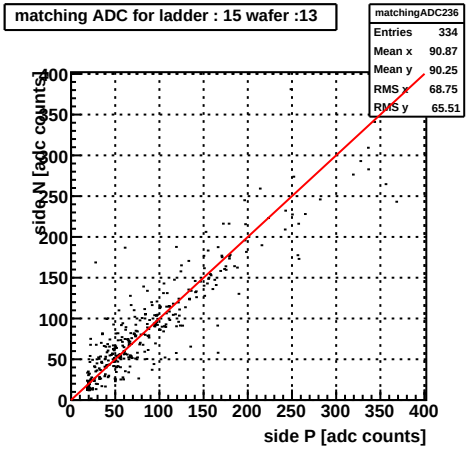

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 216
Mean x 78.85
Mean y 87.14
RMS x 59.41
RMS y 71.54
side N [adc counts]
side P [adc counts]

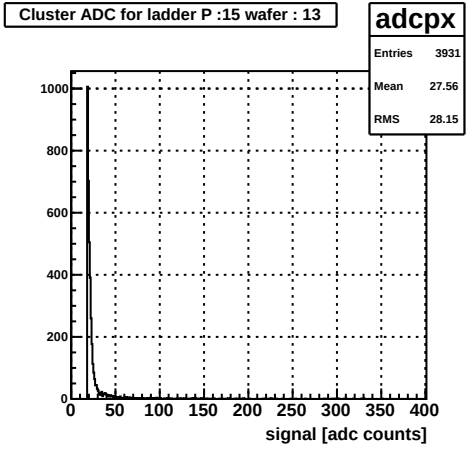

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 1499
Mean 37.69
RMS 38.77
signal [adc counts]

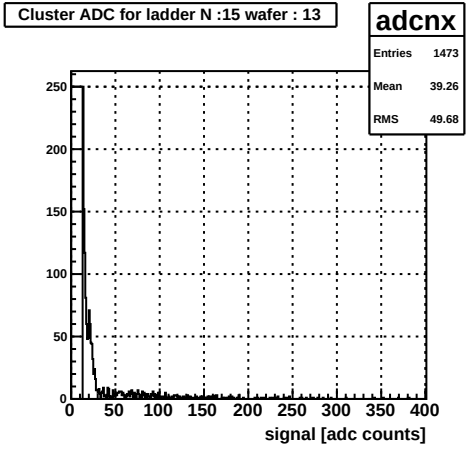

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 3118
Mean 47.7
RMS 56.96
signal [adc counts]

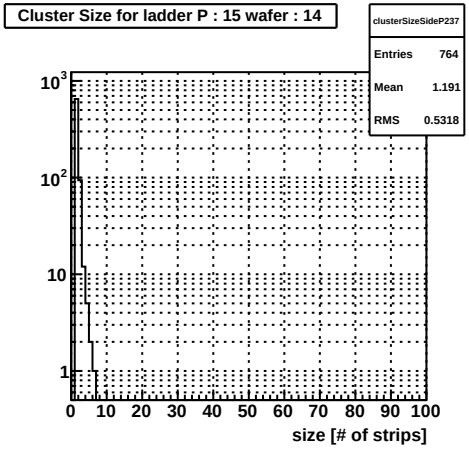

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 3931
Mean 1.068
RMS 0.3326
size [# of strips]

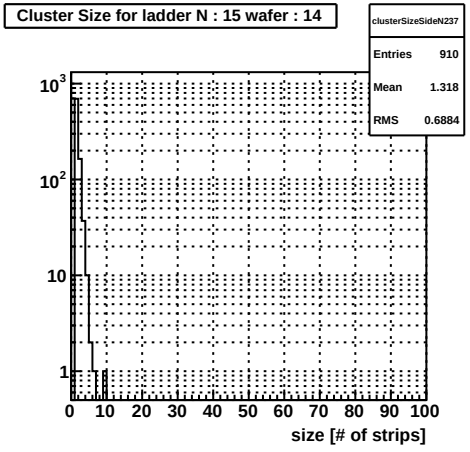

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 1473
Mean 1.221
RMS 0.5903
size [# of strips]

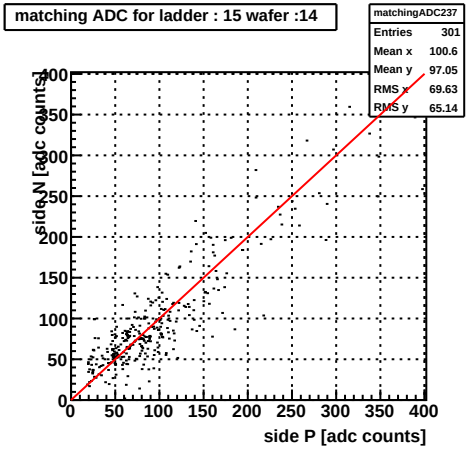

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 334
Mean x 90.87
Mean y 90.25
RMS x 68.75
RMS y 65.51
side N [adc counts]
side P [adc counts]

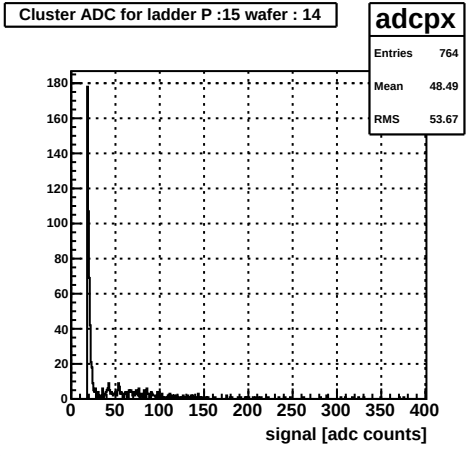

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 3931
Mean 27.56
RMS 28.15
signal [adc counts]

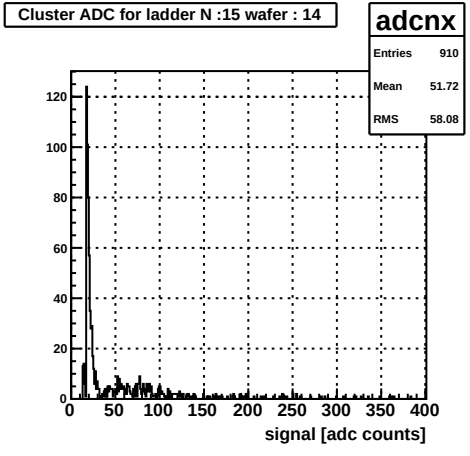

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 1473
Mean 39.26
RMS 49.68
signal [adc counts]

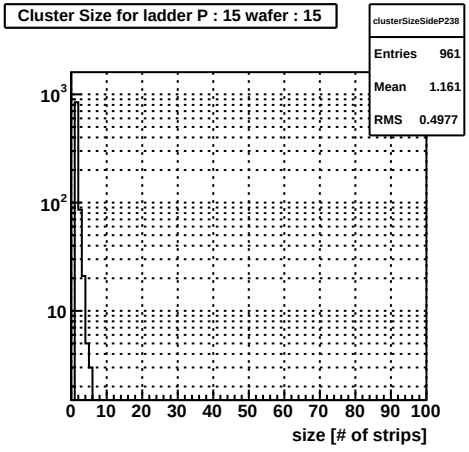

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 764
Mean 1.191
RMS 0.5318
size [# of strips]

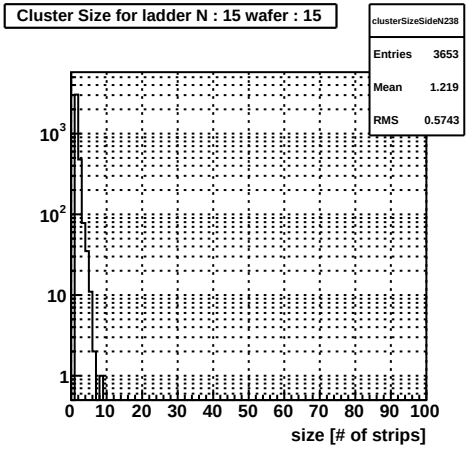

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 910
Mean 1.318
RMS 0.6884
size [# of strips]

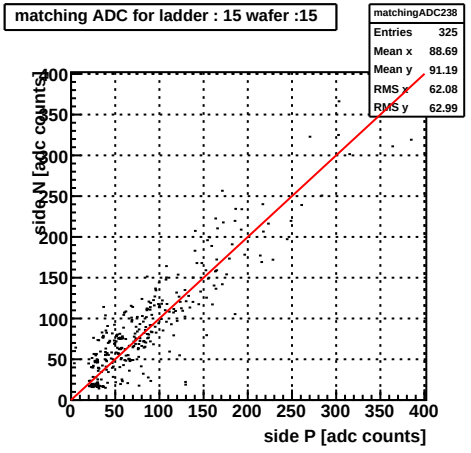

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 301
Mean x 100.6
Mean y 97.05
RMS x 69.63
RMS y 65.14
side N [adc counts]
side P [adc counts]

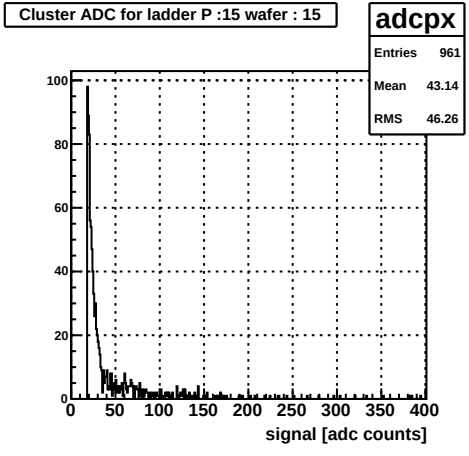

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 764
Mean 48.49
RMS 53.67
signal [adc counts]

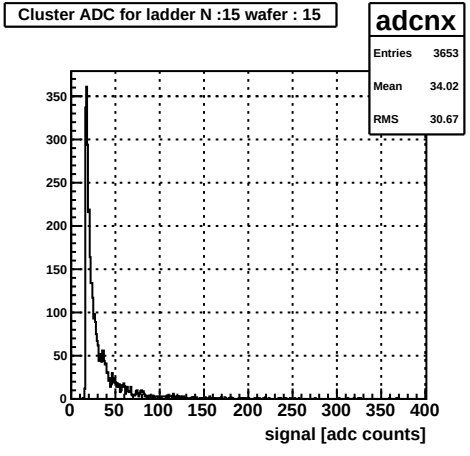

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 910
Mean 51.72
RMS 58.08
signal [adc counts]

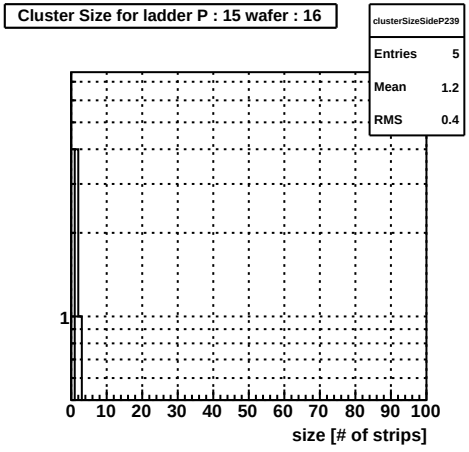

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 961
Mean 1.161
RMS 0.4977
size [# of strips]

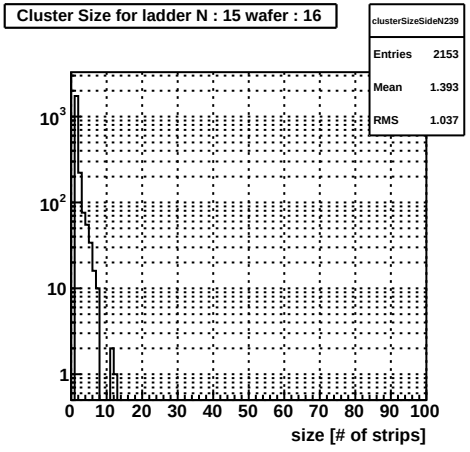

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 3653
Mean 1.219
RMS 0.5743
size [# of strips]

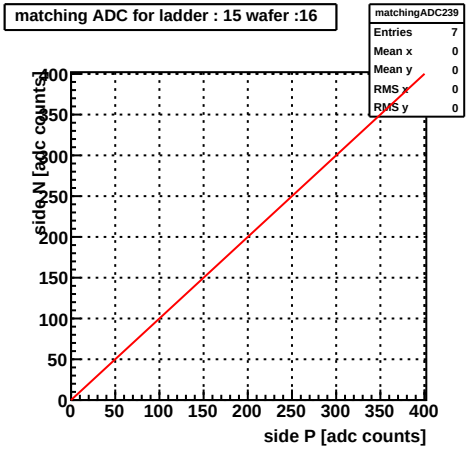

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 325
Mean x 88.69
Mean y 91.19
RMS x 62.08
RMS y 62.99
side N [adc counts]
side P [adc counts]

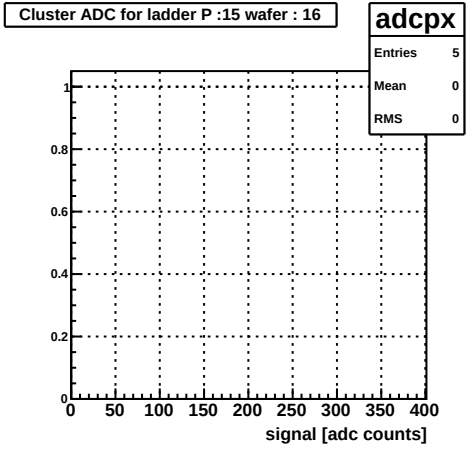

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 961
Mean 43.14
RMS 46.26
signal [adc counts]

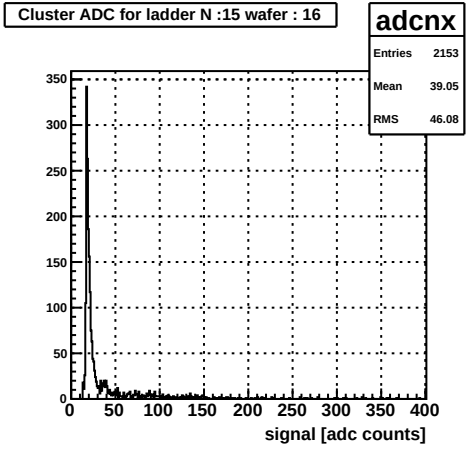

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 3653
Mean 34.02
RMS 30.67
signal [adc counts]

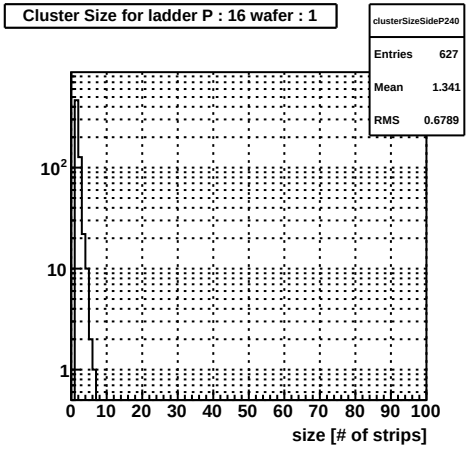

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 5
Mean 1.2
RMS 0.4
size [# of strips]

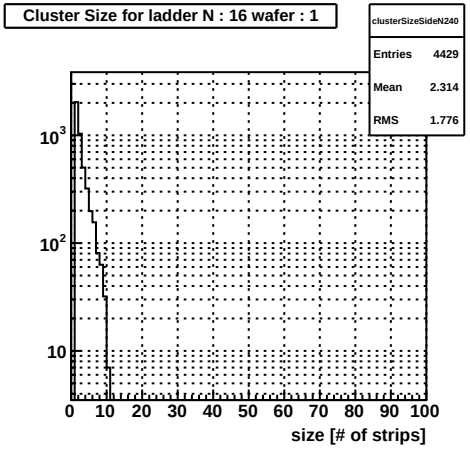

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 2153
Mean 1.393
RMS 1.037
size [# of strips]

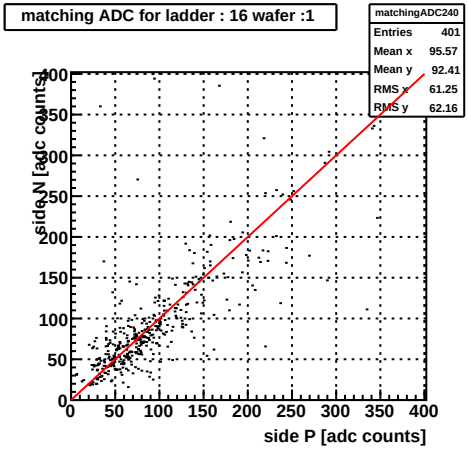

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 7
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

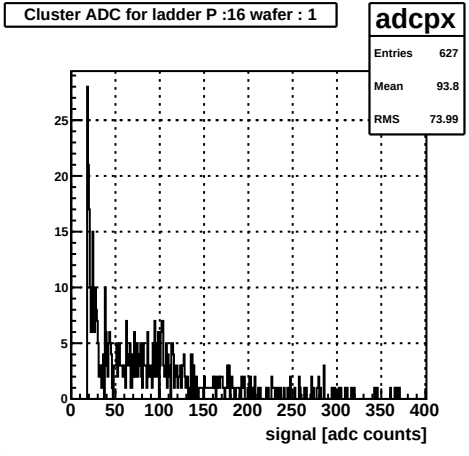

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 5
Mean 0
RMS 0
signal [adc counts]

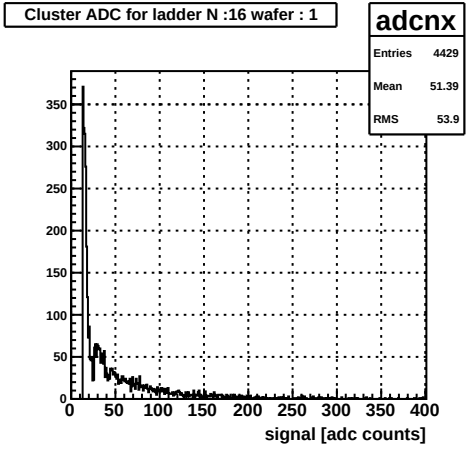

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 2153
Mean 39.05
RMS 46.08
signal [adc counts]

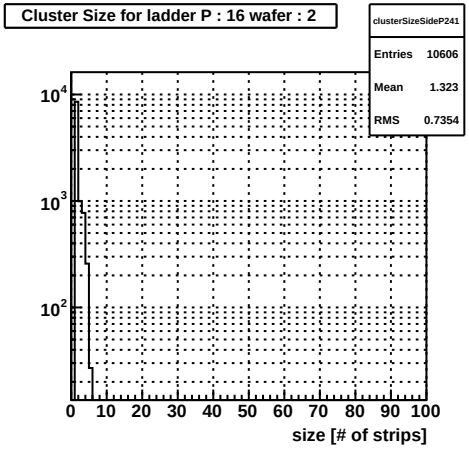

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 627
Mean 1.341
RMS 0.6789
size [# of strips]

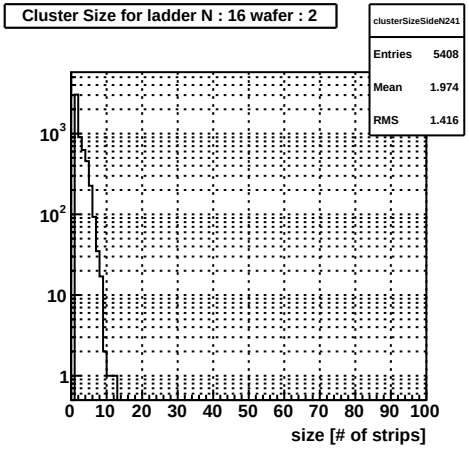

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 4429
Mean 2.314
RMS 1.776
size [# of strips]

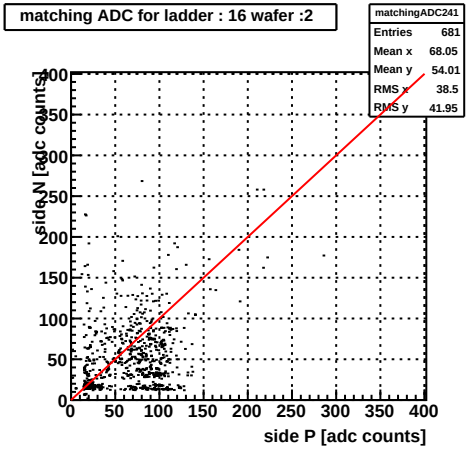

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 401
Mean x 95.57
Mean y 92.41
RMS x 61.25
RMS y 62.16
side N [adc counts]
side P [adc counts]

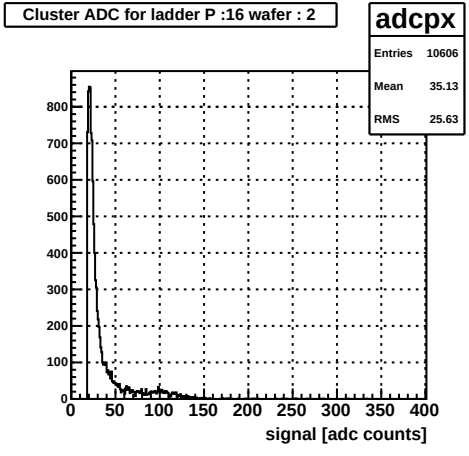

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 627
Mean 93.8
RMS 73.99
signal [adc counts]

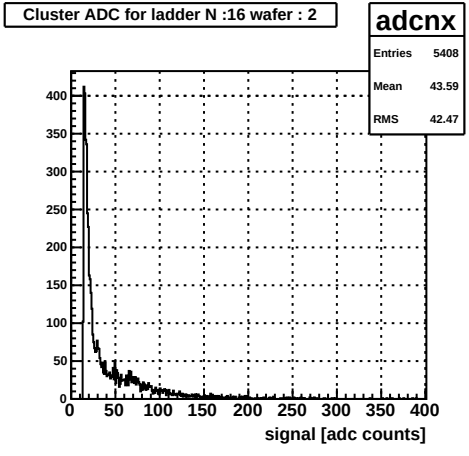

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 4429
Mean 51.39
RMS 53.9
signal [adc counts]

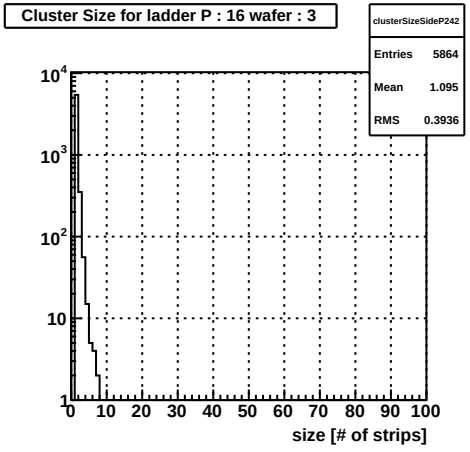

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 10606
Mean 1.323
RMS 0.7354
size [# of strips]

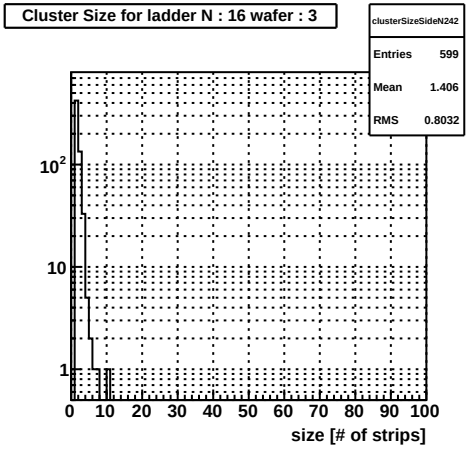

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 5408
Mean 1.974
RMS 1.416
size [# of strips]

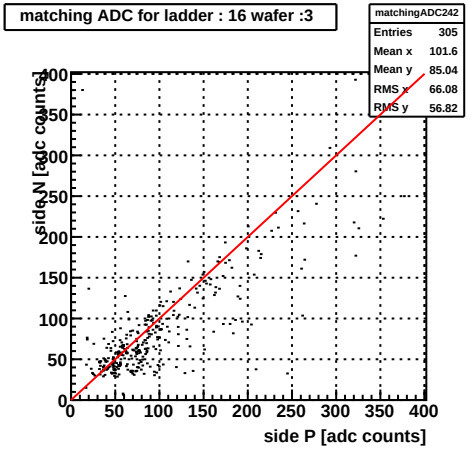

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 681
Mean x 68.05
Mean y 54.01
RMS x 38.5
RMS y 41.95
side N [adc counts]
side P [adc counts]

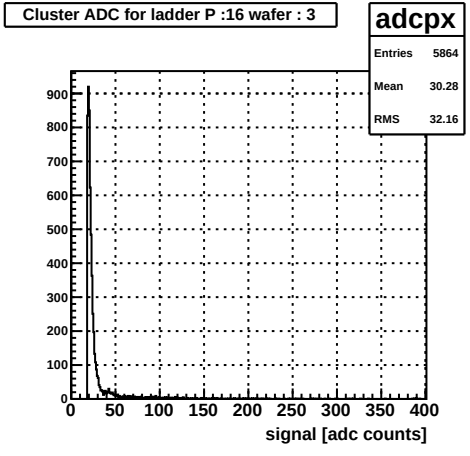

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 10606
Mean 35.13
RMS 25.63
signal [adc counts]

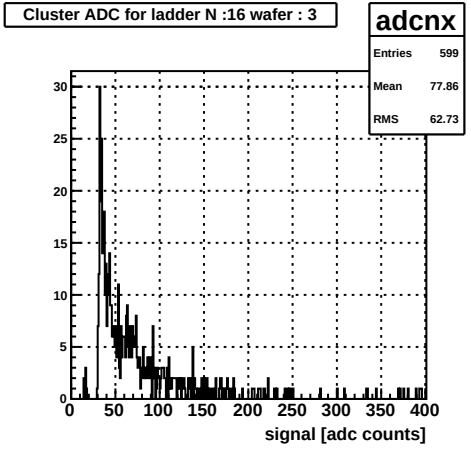

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 5408
Mean 43.59
RMS 42.47
signal [adc counts]

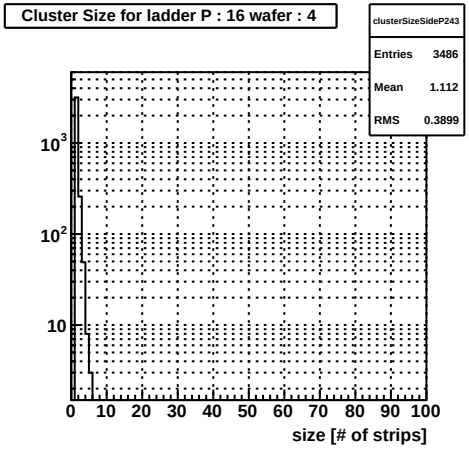

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 5864
Mean 1.095
RMS 0.3936
size [# of strips]

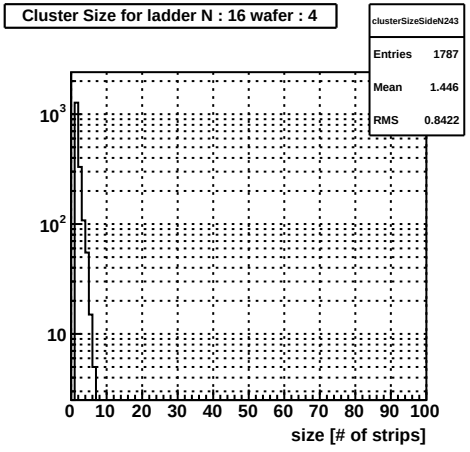

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 599
Mean 1.406
RMS 0.8032
size [# of strips]

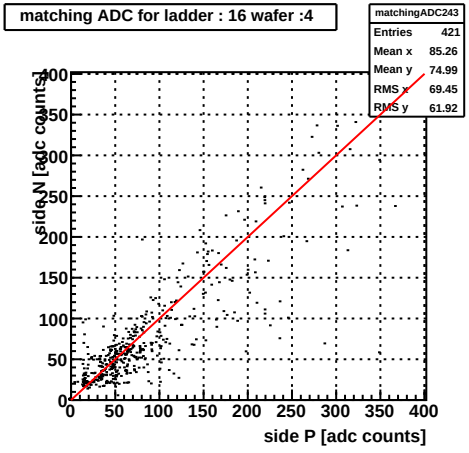

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 305
Mean x 101.6
Mean y 85.04
RMS x 66.08
RMS y 56.82
side N [adc counts]
side P [adc counts]

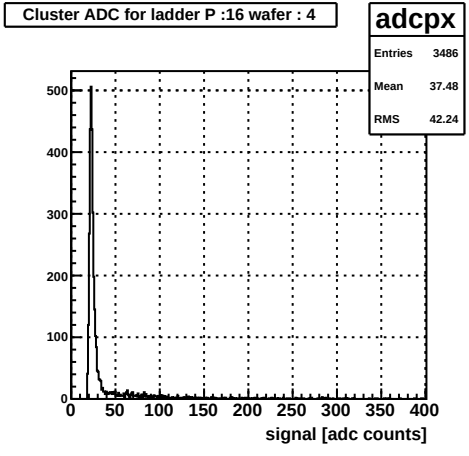

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 5864
Mean 30.28
RMS 32.16
signal [adc counts]

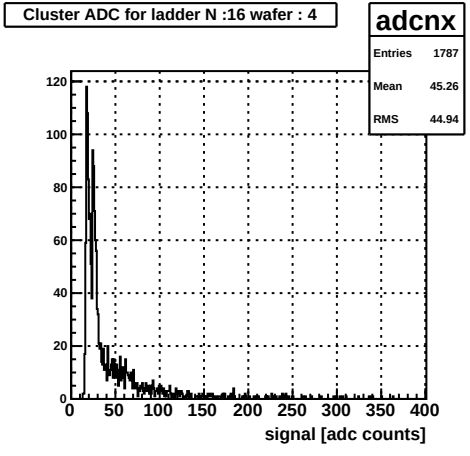

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 599
Mean 77.86
RMS 62.73
signal [adc counts]

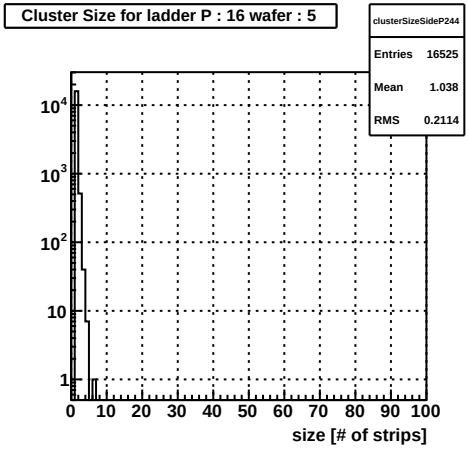

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 3486
Mean 1.112
RMS 0.3899
size [# of strips]

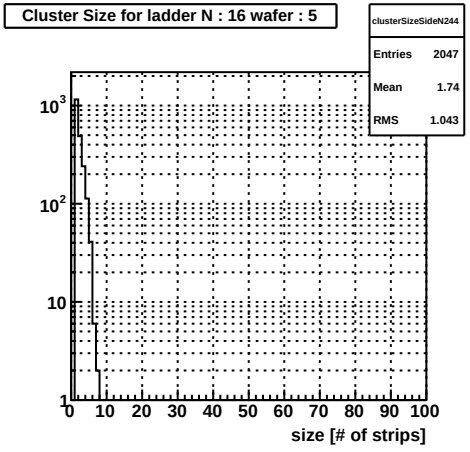

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 1787
Mean 1.446
RMS 0.8422
size [# of strips]

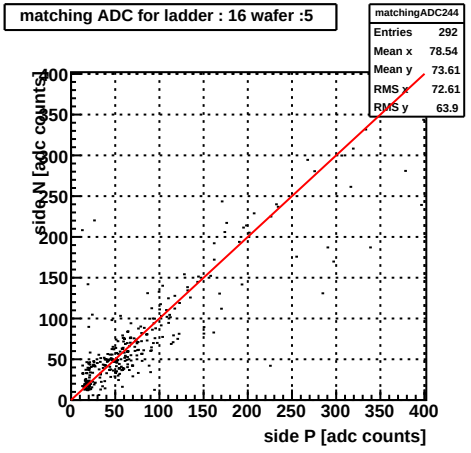

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 421
Mean x 85.26
Mean y 74.99
RMS x 69.45
RMS y 61.92
side N [adc counts]
side P [adc counts]

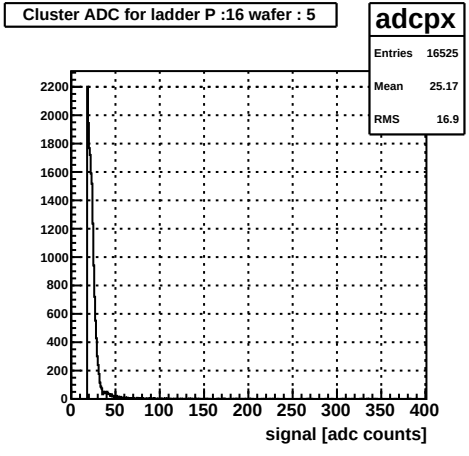

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 3486
Mean 37.48
RMS 42.24
signal [adc counts]

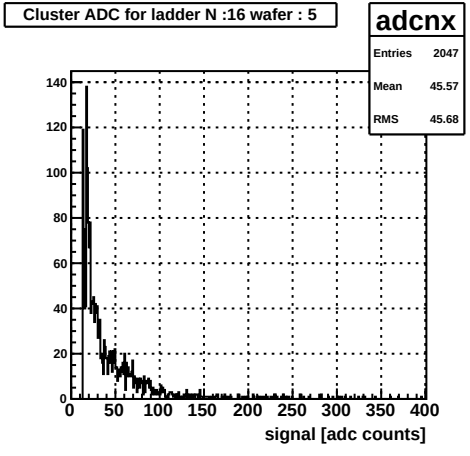

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 1787
Mean 45.26
RMS 44.94
signal [adc counts]

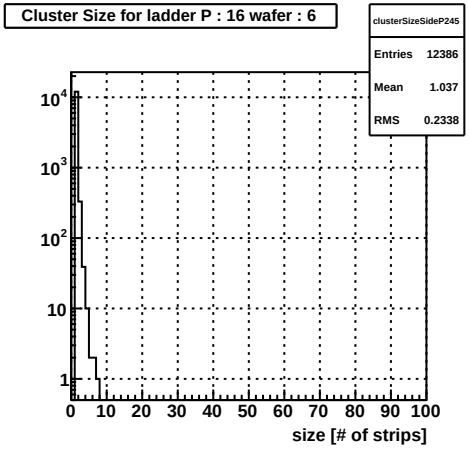

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 16525
Mean 1.038
RMS 0.2114
size [# of strips]

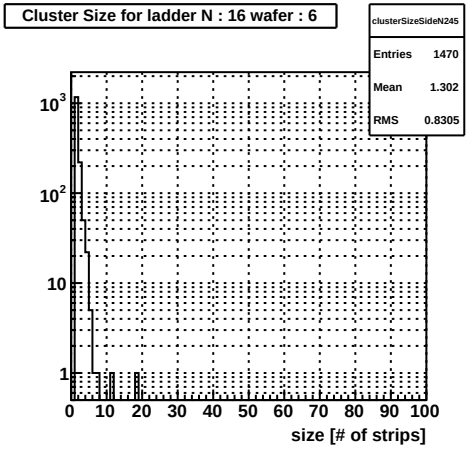

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2047
Mean 1.74
RMS 1.043
size [# of strips]

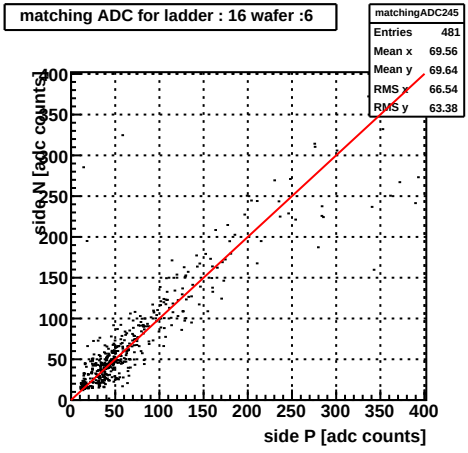

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 292
Mean x 78.54
Mean y 73.61
RMS x 72.61
RMS y 63.9
side N [adc counts]
side P [adc counts]

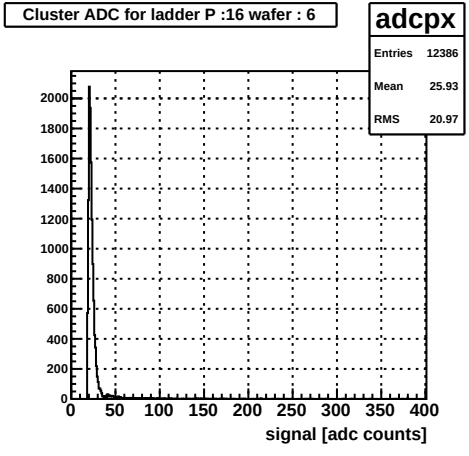

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 16525
Mean 25.17
RMS 16.9
signal [adc counts]

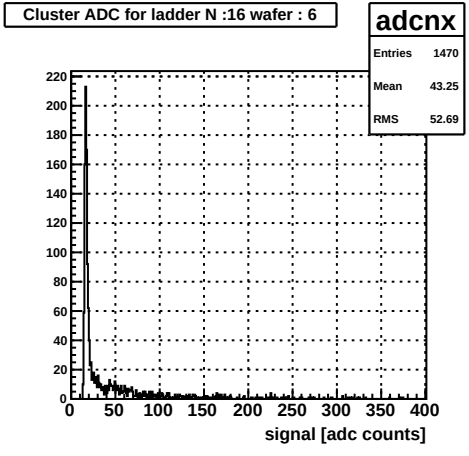

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2047
Mean 45.57
RMS 45.68
signal [adc counts]

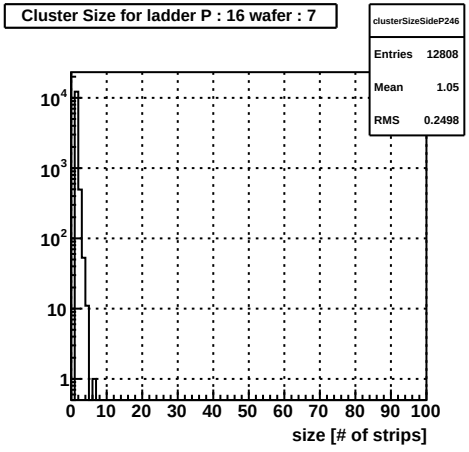

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 12386
Mean 1.037
RMS 0.2338
size [# of strips]

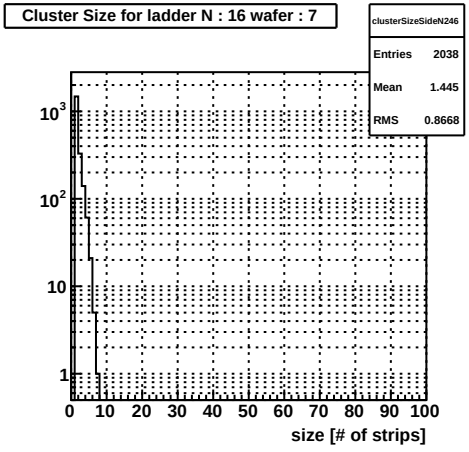

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 1470
Mean 1.302
RMS 0.8305
size [# of strips]

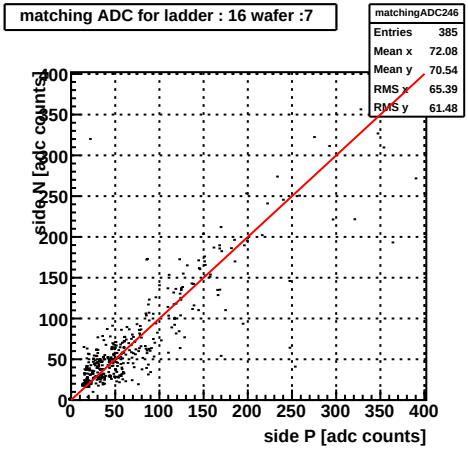

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 481
Mean x 69.56
Mean y 69.64
RMS x 66.54
RMS y 63.38
side N [adc counts]
side P [adc counts]

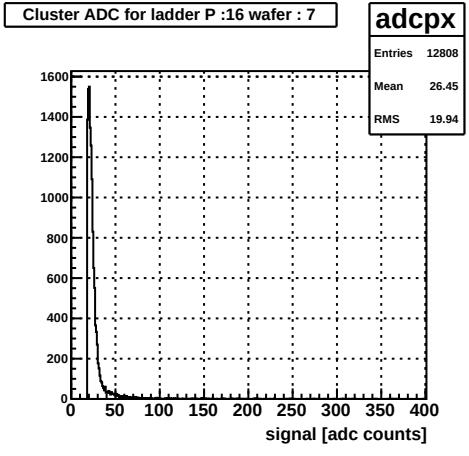

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 12386
Mean 25.93
RMS 20.97
signal [adc counts]

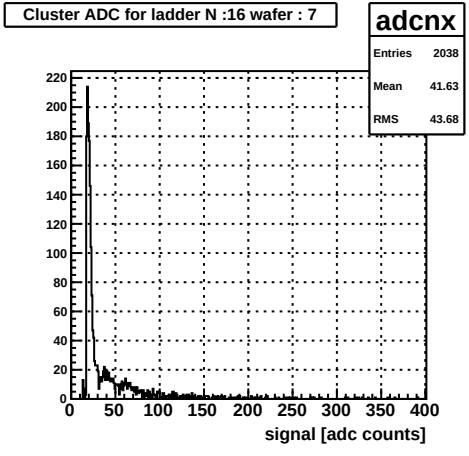

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 1470
Mean 43.25
RMS 52.69
signal [adc counts]

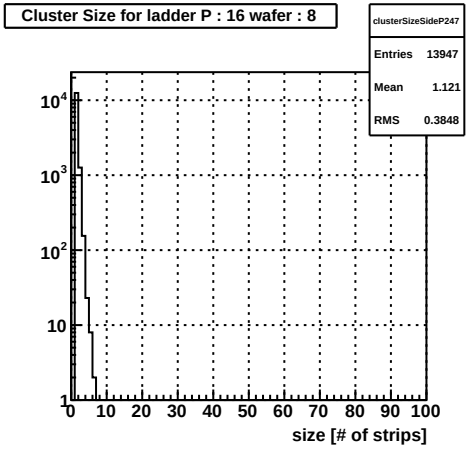

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 12808
Mean 1.05
RMS 0.2498
size [# of strips]

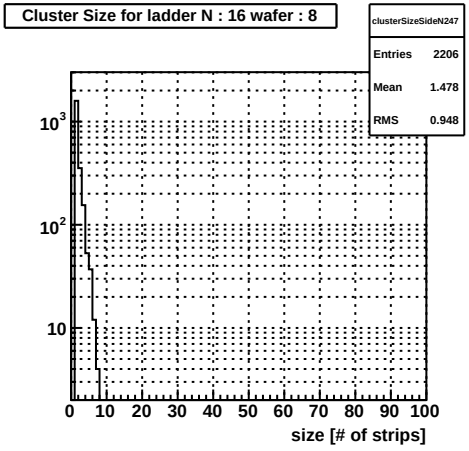

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 2038
Mean 1.445
RMS 0.8668
size [# of strips]

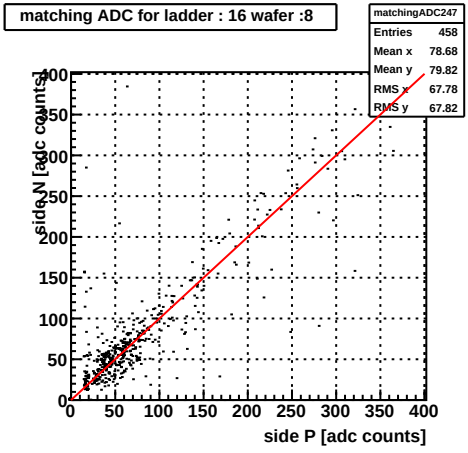

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 385
Mean x 72.08
Mean y 70.54
RMS x 65.39
RMS y 61.48
side N [adc counts]
side P [adc counts]

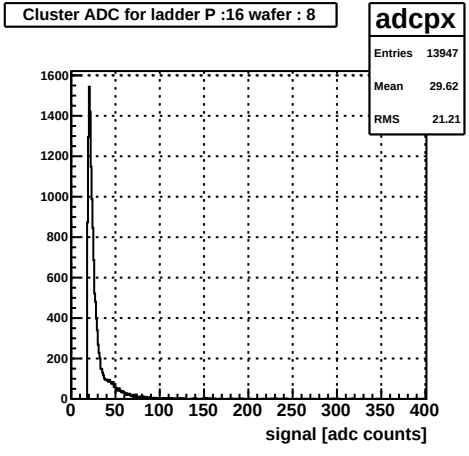

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 12808
Mean 26.45
RMS 19.94
signal [adc counts]

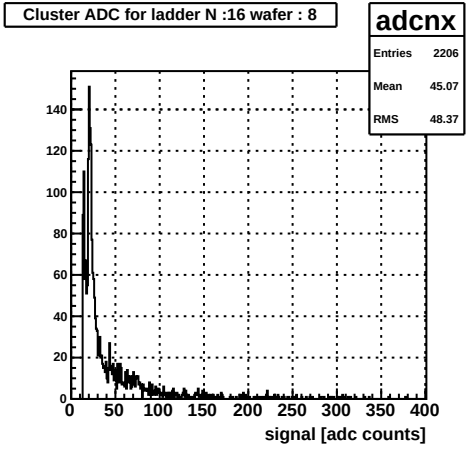

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 2038
Mean 41.63
RMS 43.68
signal [adc counts]

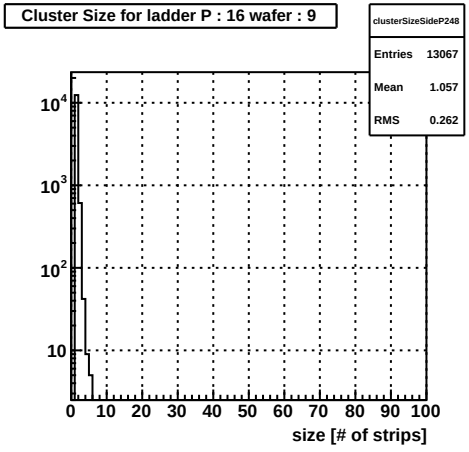

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 13947
Mean 1.121
RMS 0.3848
size [# of strips]

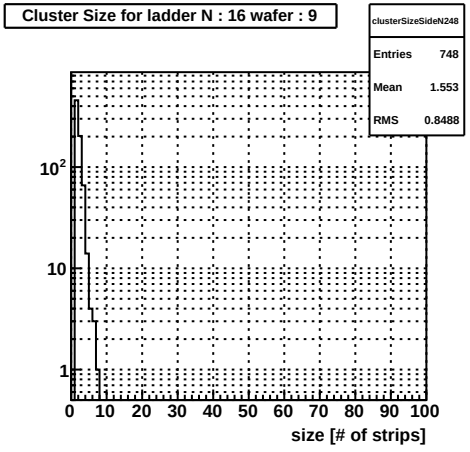

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 2206
Mean 1.478
RMS 0.948
size [# of strips]

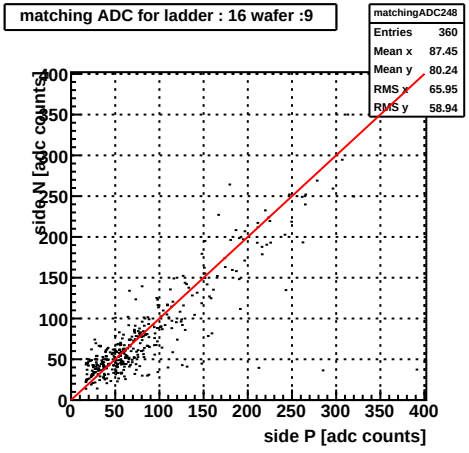

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 458
Mean x 78.68
Mean y 79.82
RMS x 67.78
RMS y 67.82
side N [adc counts]
side P [adc counts]

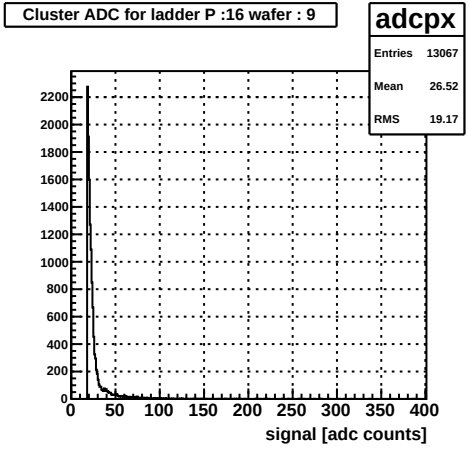

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 13947
Mean 29.62
RMS 21.21
signal [adc counts]

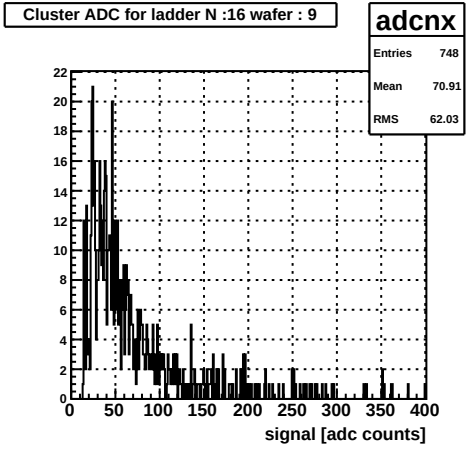

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 2206
Mean 45.07
RMS 48.37
signal [adc counts]

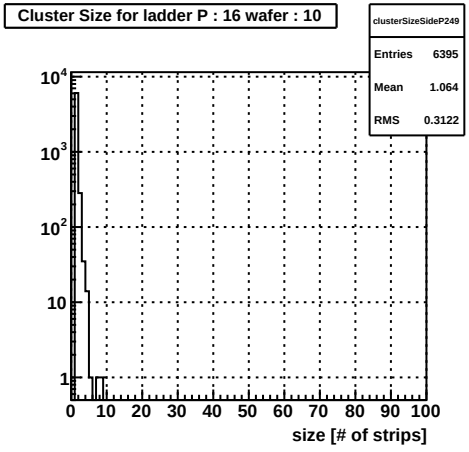

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 13067
Mean 1.057
RMS 0.262
size [# of strips]

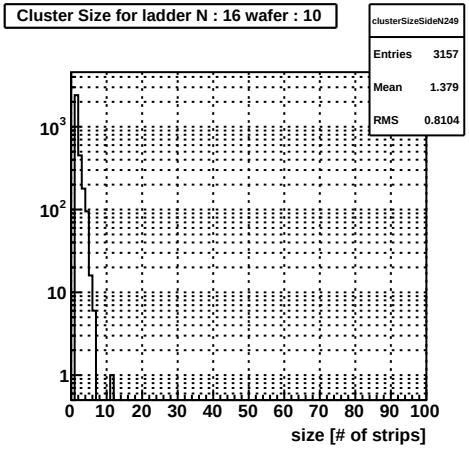

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 748
Mean 1.553
RMS 0.8488
size [# of strips]

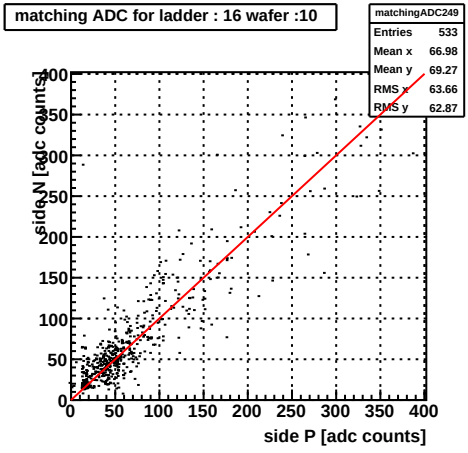

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 360
Mean x 87.45
Mean y 80.24
RMS x 65.95
RMS y 58.94
side N [adc counts]
side P [adc counts]

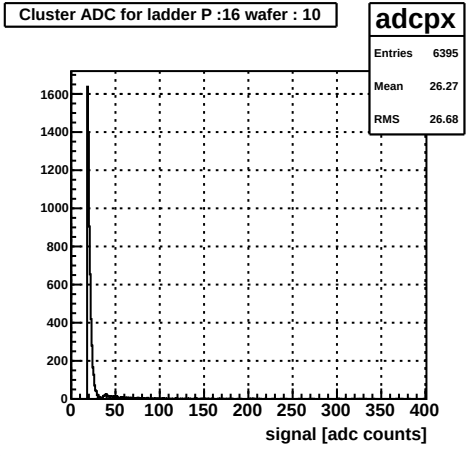

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 13067
Mean 26.52
RMS 19.17
signal [adc counts]

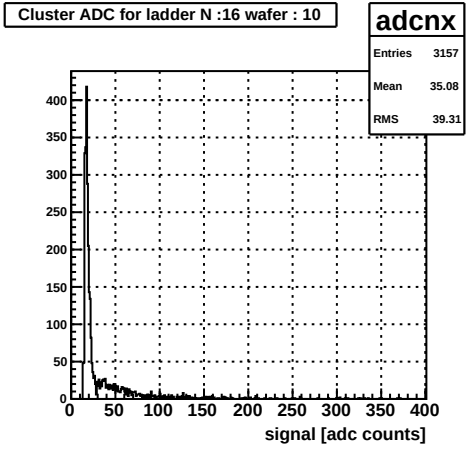

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 748
Mean 70.91
RMS 62.03
signal [adc counts]

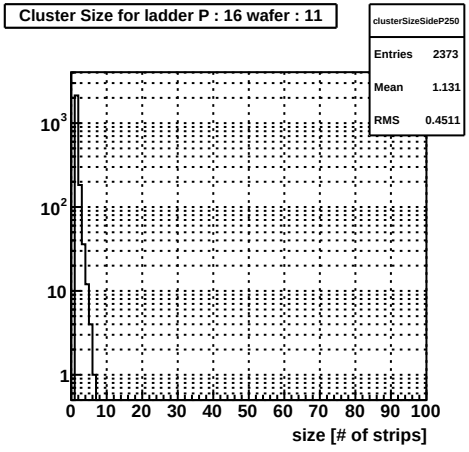

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 6395
Mean 1.064
RMS 0.3122
size [# of strips]

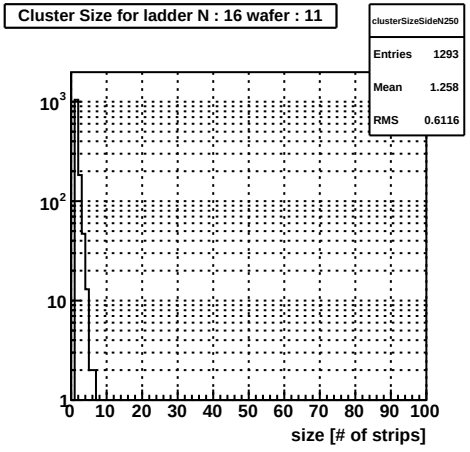

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 3157
Mean 1.379
RMS 0.8104
size [# of strips]

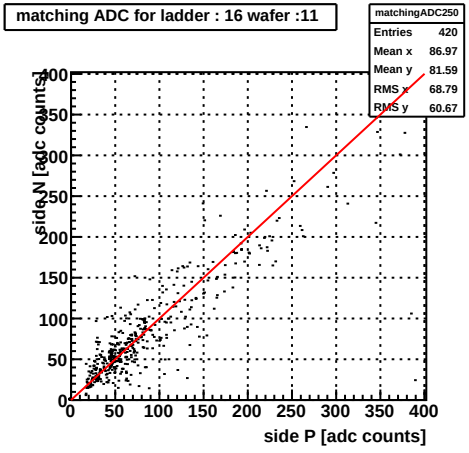

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 533
Mean x 66.98
Mean y 69.27
RMS x 63.66
RMS y 62.87
side N [adc counts]
side P [adc counts]

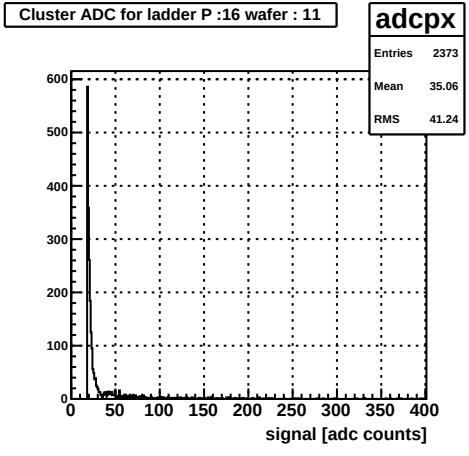

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 6395
Mean 26.27
RMS 26.68
signal [adc counts]

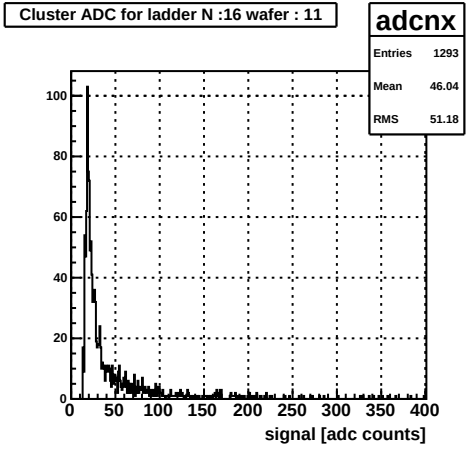

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 3157
Mean 35.08
RMS 39.31
signal [adc counts]

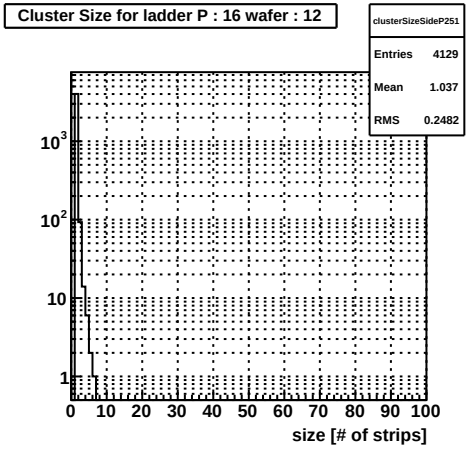

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 2373
Mean 1.131
RMS 0.4511
size [# of strips]

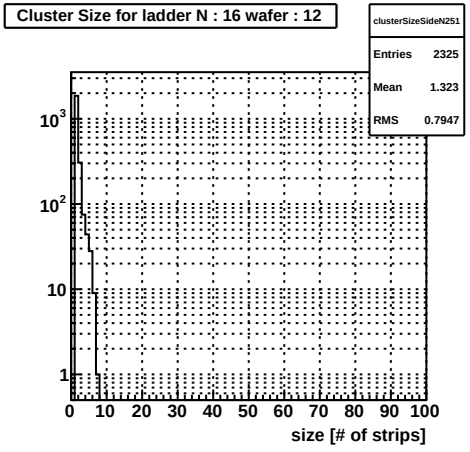

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 1293
Mean 1.258
RMS 0.6116
size [# of strips]

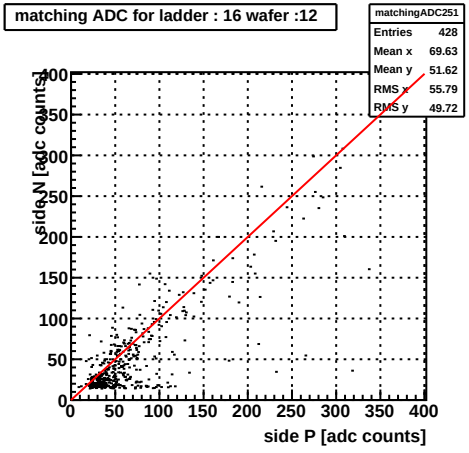

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 420
Mean x 86.97
Mean y 81.59
RMS x 68.79
RMS y 60.67
side N [adc counts]
side P [adc counts]

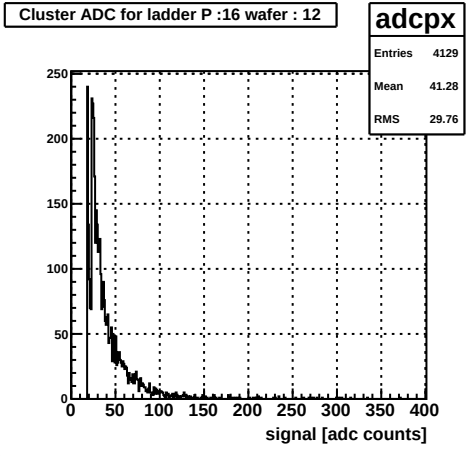

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 2373
Mean 35.06
RMS 41.24
signal [adc counts]

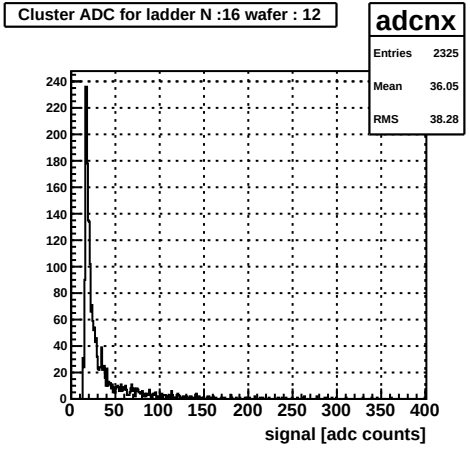

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 1293
Mean 46.04
RMS 51.18
signal [adc counts]

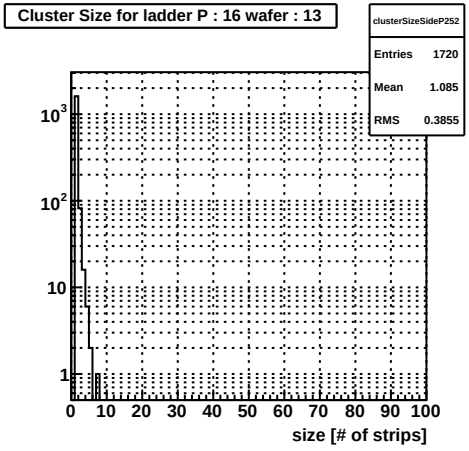

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 4129
Mean 1.037
RMS 0.2482
size [# of strips]

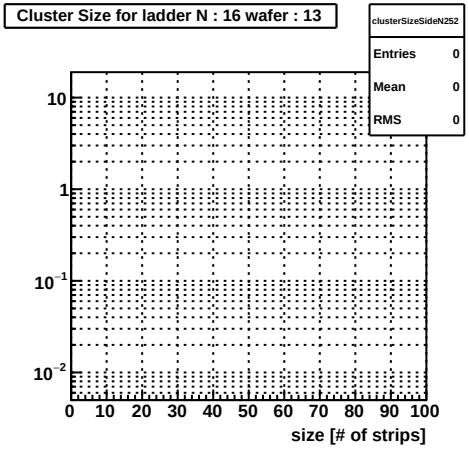

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 2325
Mean 1.323
RMS 0.7947
size [# of strips]

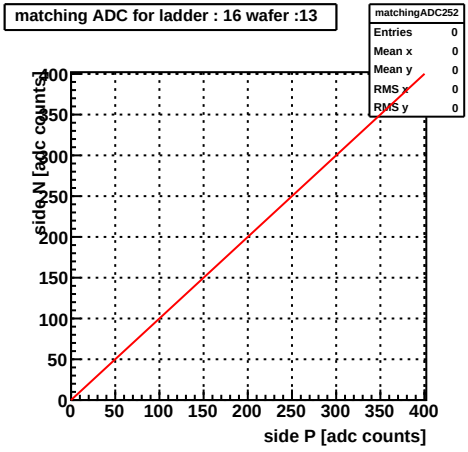

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 428
Mean x 69.63
Mean y 51.62
RMS x 55.79
RMS y 49.72
side N [adc counts]
side P [adc counts]

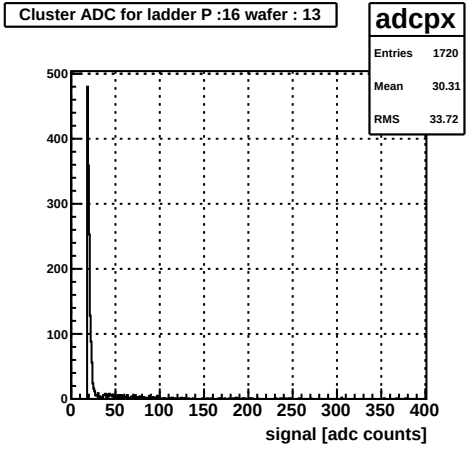

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 4129
Mean 41.28
RMS 29.76
signal [adc counts]

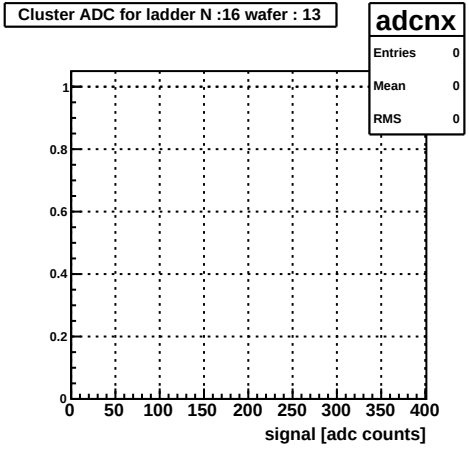

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 2325
Mean 36.05
RMS 38.28
signal [adc counts]

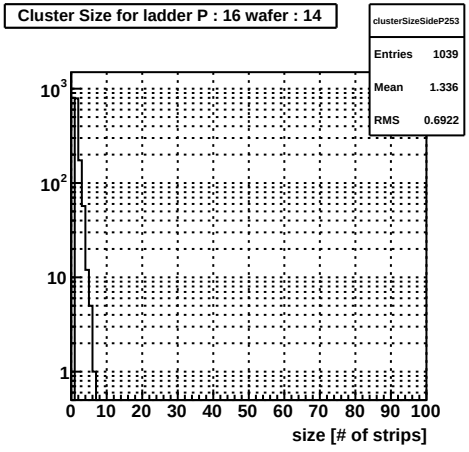

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 1720
Mean 1.085
RMS 0.3855
size [# of strips]

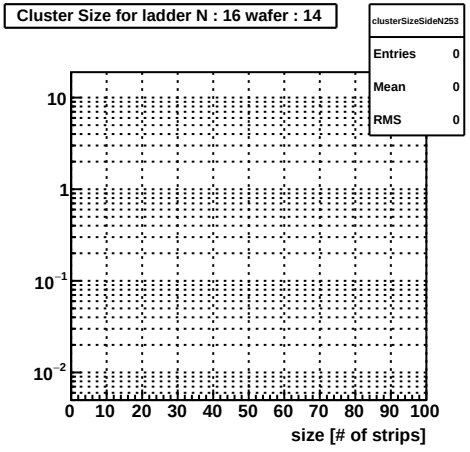

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

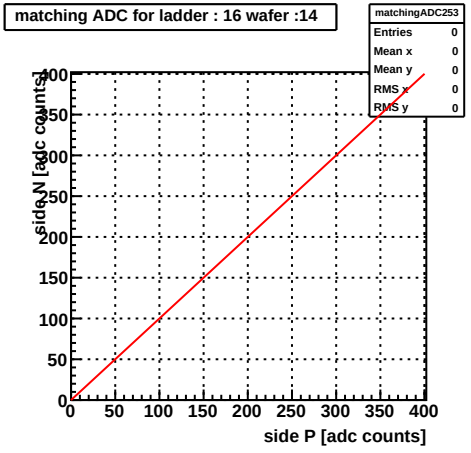

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

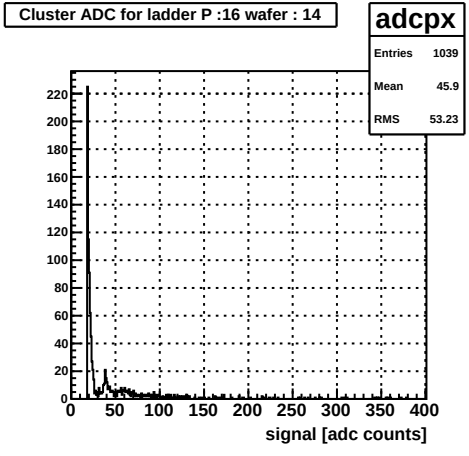

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 1720
Mean 30.31
RMS 33.72
signal [adc counts]

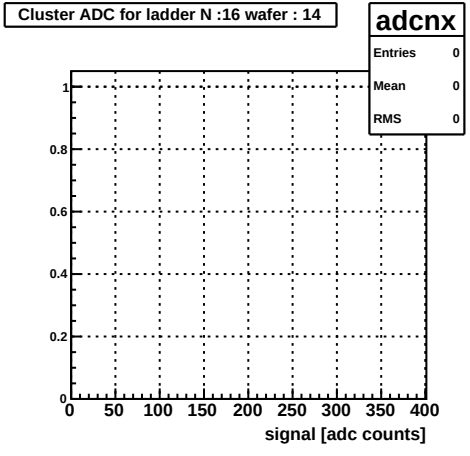

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

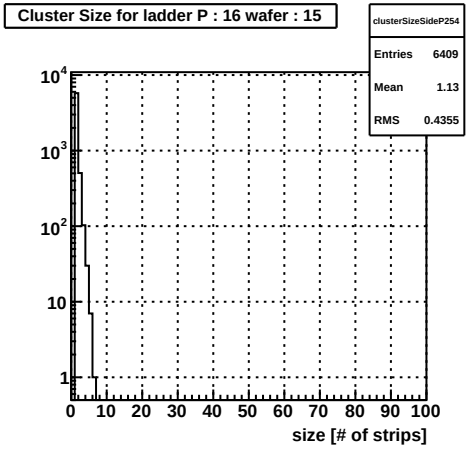

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 1039
Mean 1.336
RMS 0.6922
size [# of strips]

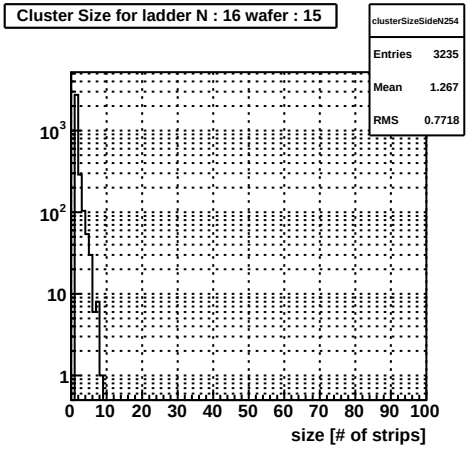

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

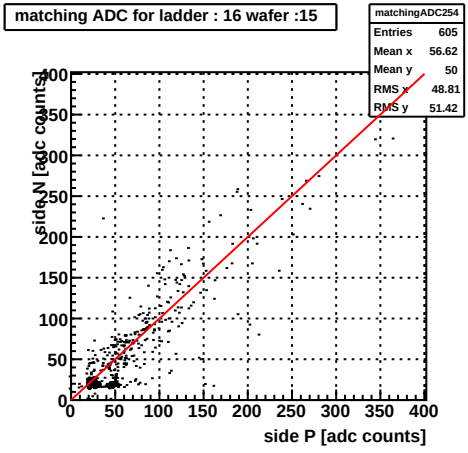

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

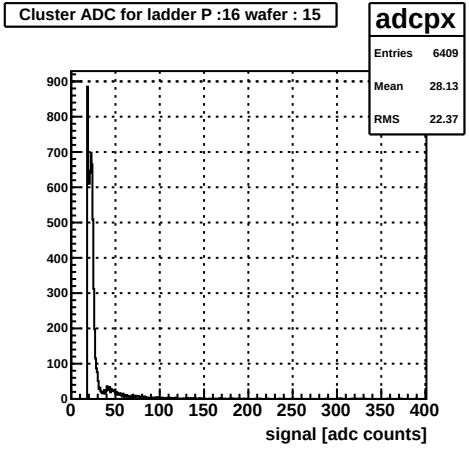

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 1039
Mean 45.9
RMS 53.23
signal [adc counts]

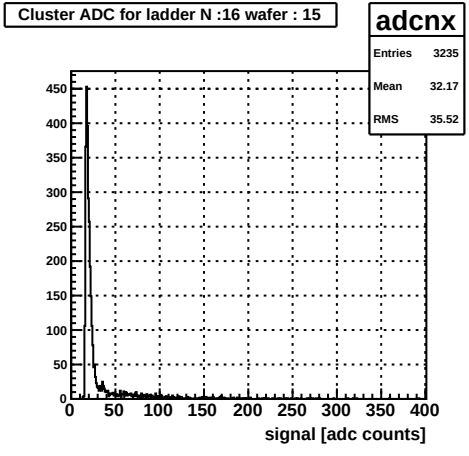

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

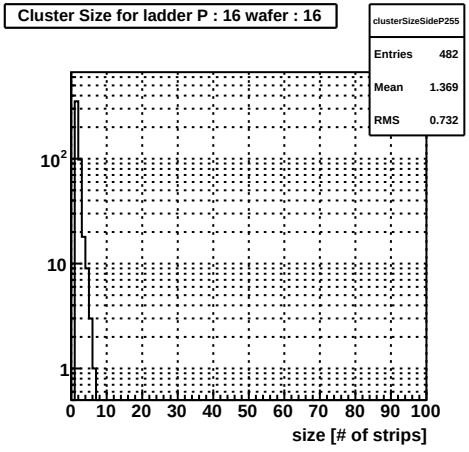

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 6409
Mean 1.13
RMS 0.4355
size [# of strips]

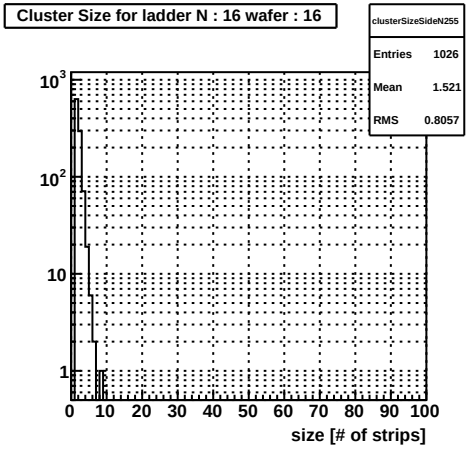

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 3235
Mean 1.267
RMS 0.7718
size [# of strips]

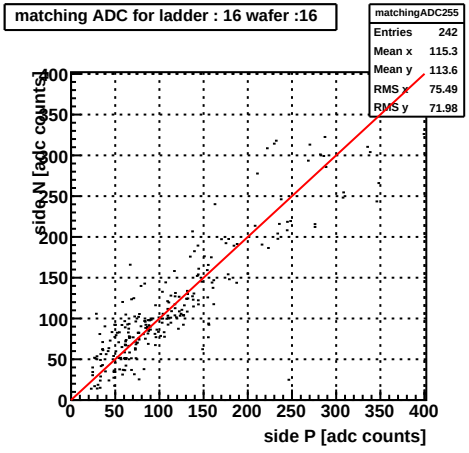

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 605
Mean x 56.62
Mean y 50
RMS x 48.81
RMS y 51.42
side N [adc counts]
side P [adc counts]

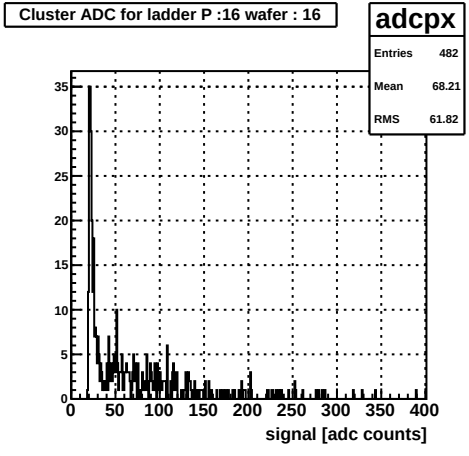

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 6409
Mean 28.13
RMS 22.37
signal [adc counts]

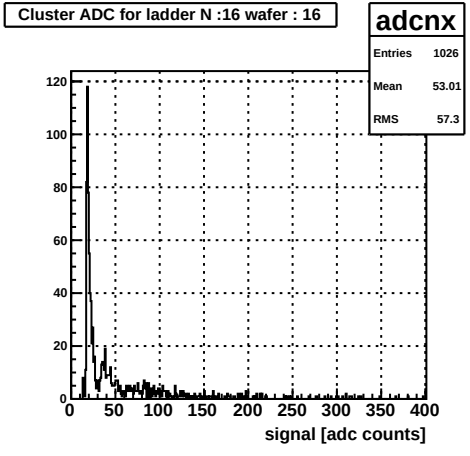

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 3235
Mean 32.17
RMS 35.52
signal [adc counts]

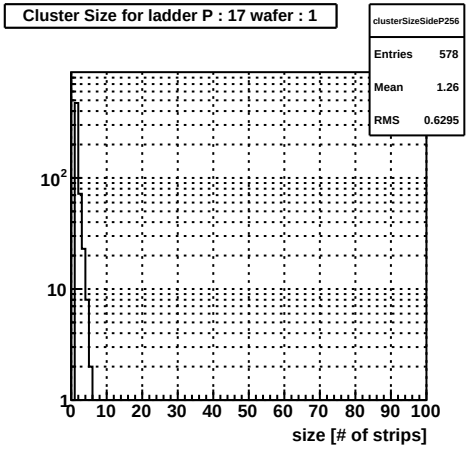

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 482
Mean 1.369
RMS 0.732
size [# of strips]

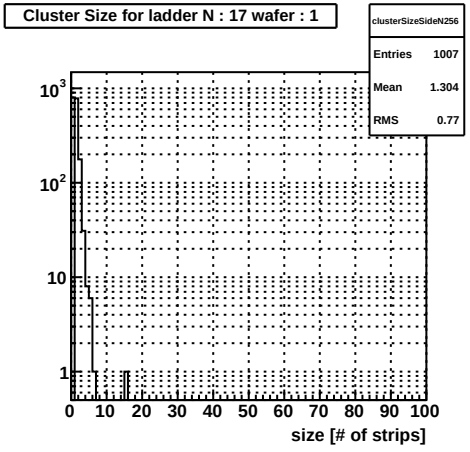

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 1026
Mean 1.521
RMS 0.8057
size [# of strips]

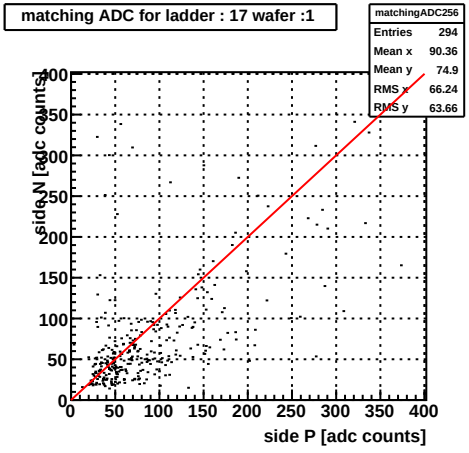

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 242
Mean x 115.3
Mean y 113.6
RMS x 75.49
RMS y 71.98
side N [adc counts]
side P [adc counts]

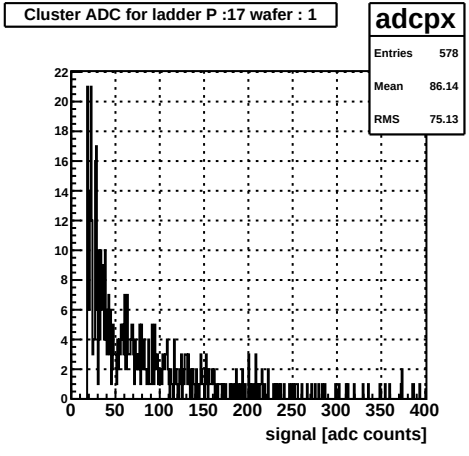

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 482
Mean 68.21
RMS 61.82
signal [adc counts]

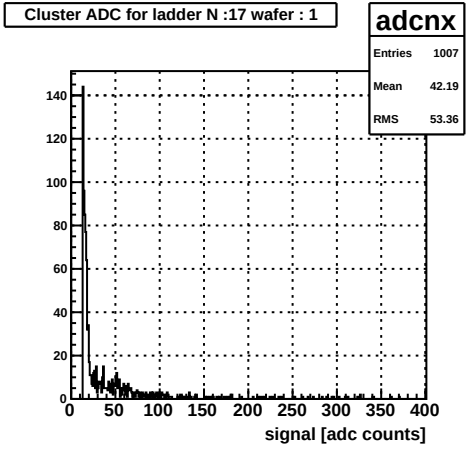

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 1026
Mean 53.01
RMS 57.3
signal [adc counts]

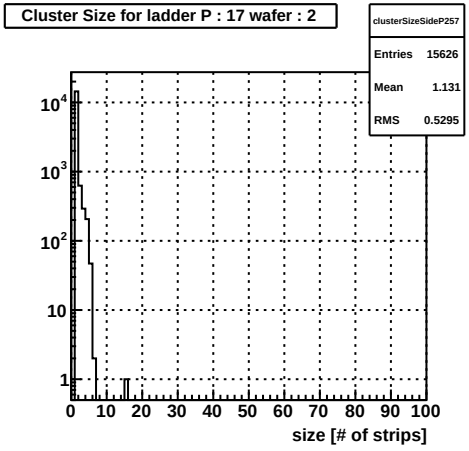

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 578
Mean 1.26
RMS 0.6295
size [# of strips]

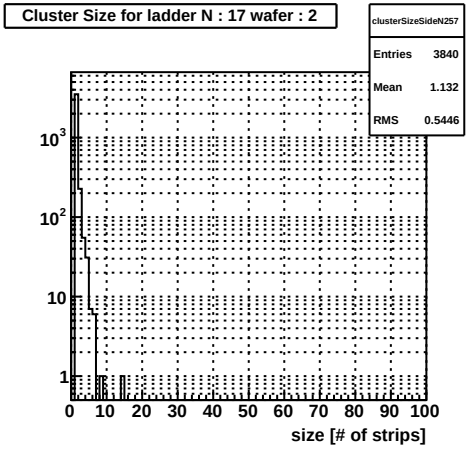

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 1007
Mean 1.304
RMS 0.77
size [# of strips]

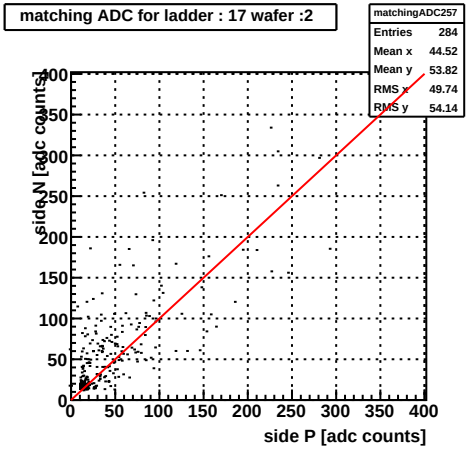

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 294
Mean x 90.36
Mean y 74.9
RMS x 66.24
RMS y 63.66
side N [adc counts]
side P [adc counts]

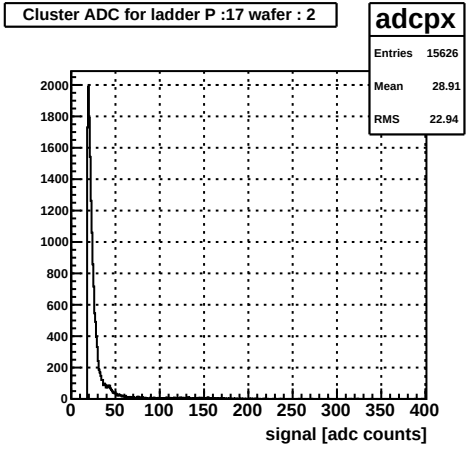

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 578
Mean 86.14
RMS 75.13
signal [adc counts]

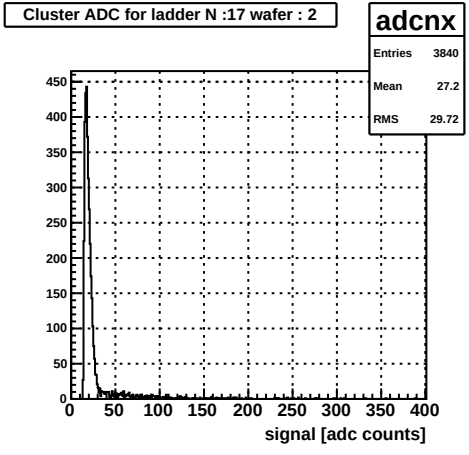

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 1007
Mean 42.19
RMS 53.36
signal [adc counts]

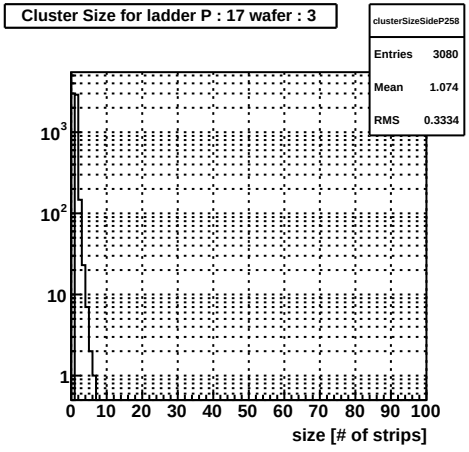

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 15626
Mean 1.131
RMS 0.5295
size [# of strips]

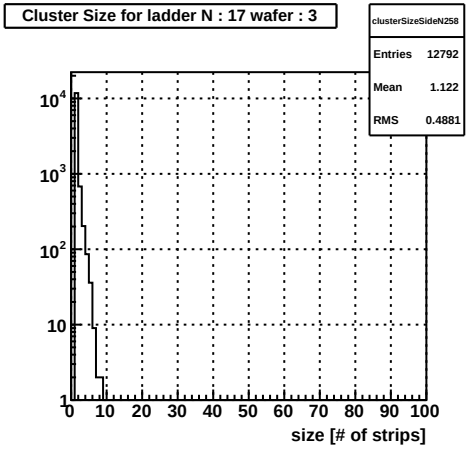

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 3840
Mean 1.132
RMS 0.5446
size [# of strips]

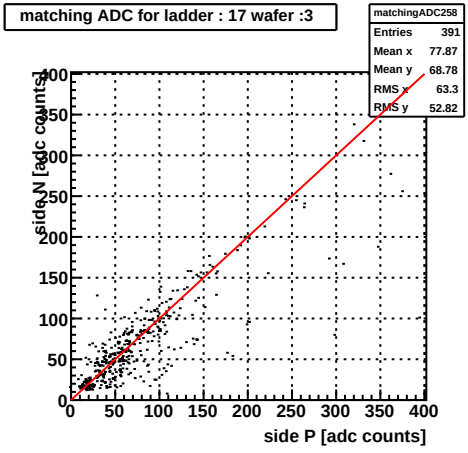

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 284
Mean x 44.52
Mean y 53.82
RMS x 49.74
RMS y 54.14
side N [adc counts]
side P [adc counts]

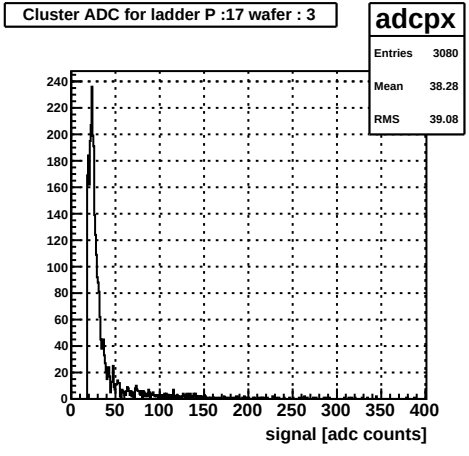

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 15626
Mean 28.91
RMS 22.94
signal [adc counts]

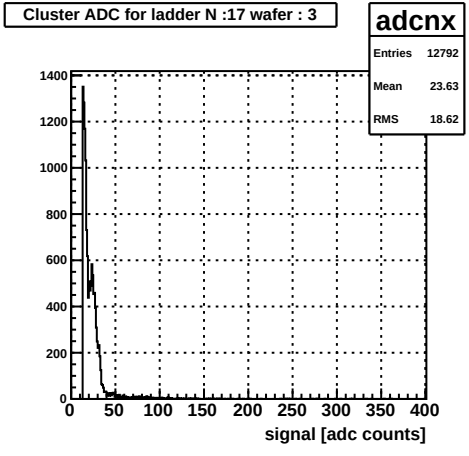

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 3840
Mean 27.2
RMS 29.72
signal [adc counts]

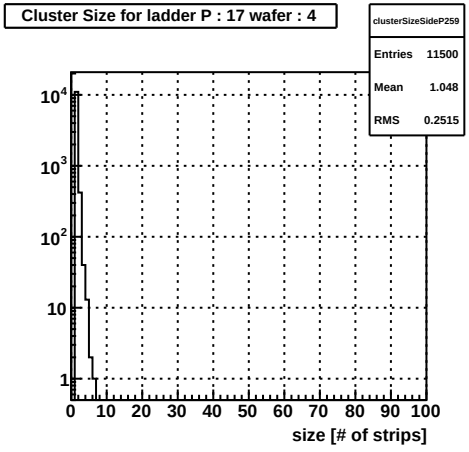

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 3080
Mean 1.074
RMS 0.3334
size [# of strips]

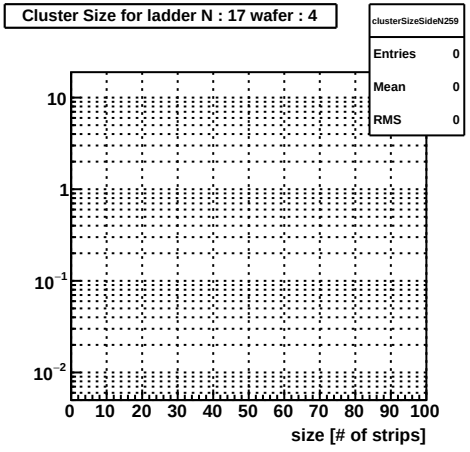

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 12792
Mean 1.122
RMS 0.4881
size [# of strips]

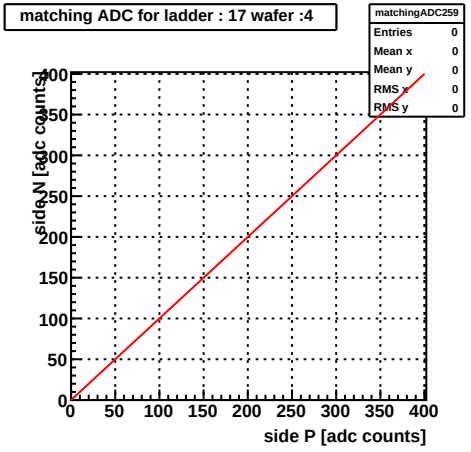

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 391
Mean x 77.87
Mean y 68.78
RMS x 63.3
RMS y 52.82
side N [adc counts]
side P [adc counts]

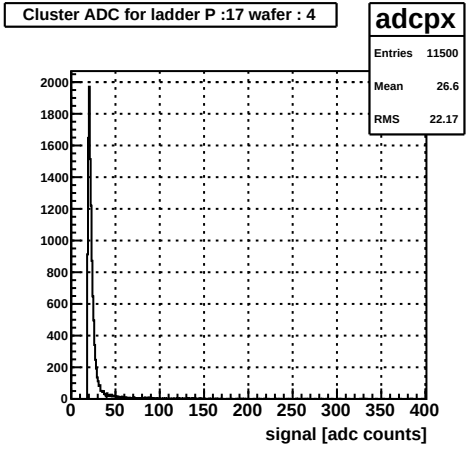

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 3080
Mean 38.28
RMS 39.08
signal [adc counts]

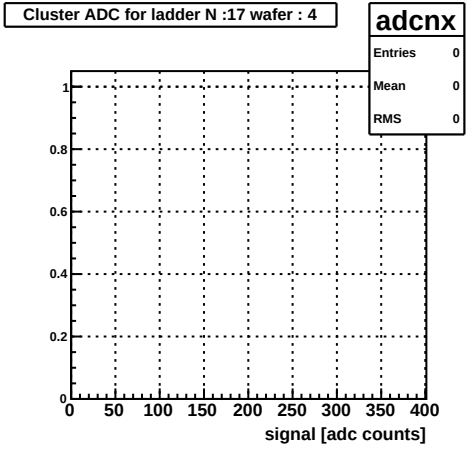

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 12792
Mean 23.63
RMS 18.62
signal [adc counts]

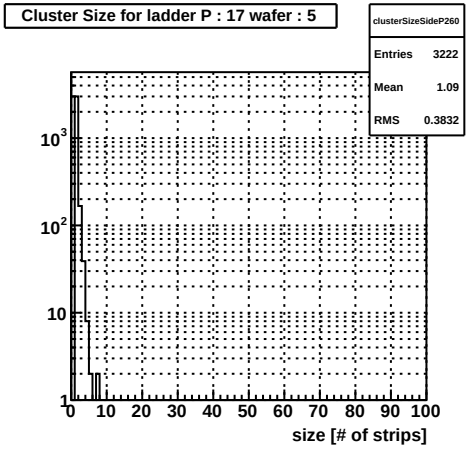

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 11500
Mean 1.048
RMS 0.2515
size [# of strips]

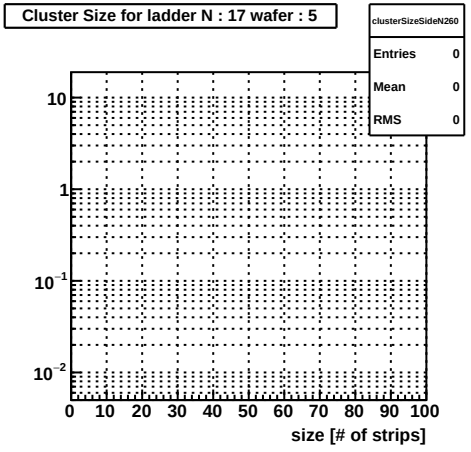

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

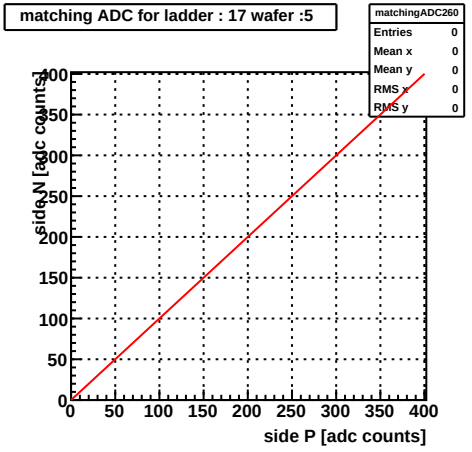

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

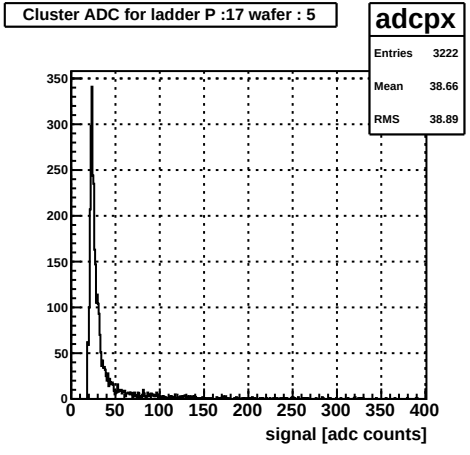

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 11500
Mean 26.6
RMS 22.17
signal [adc counts]

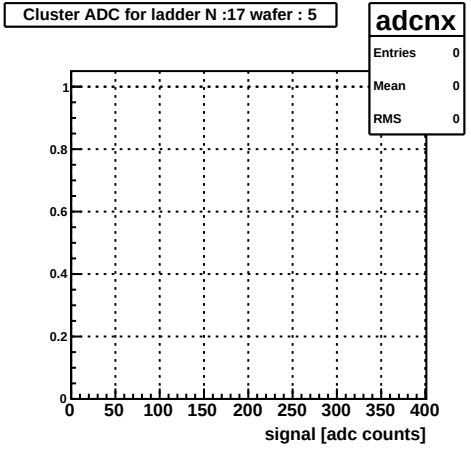

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

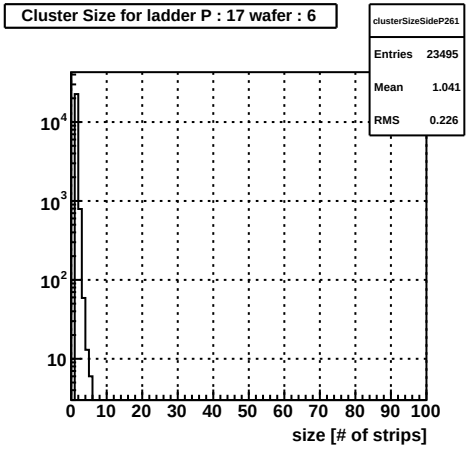

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 3222
Mean 1.09
RMS 0.3832
size [# of strips]

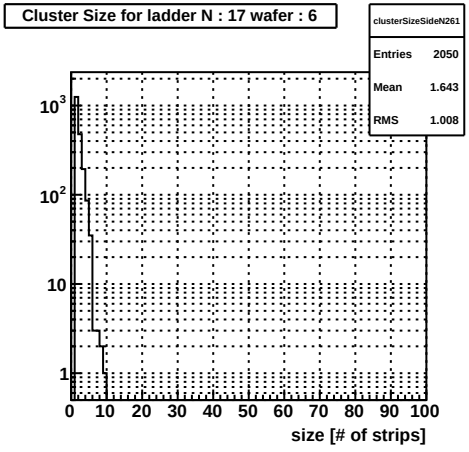

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

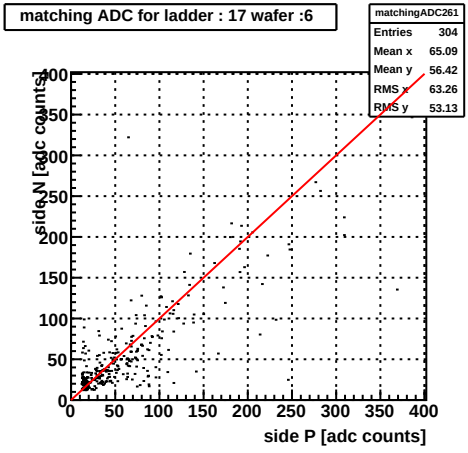

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

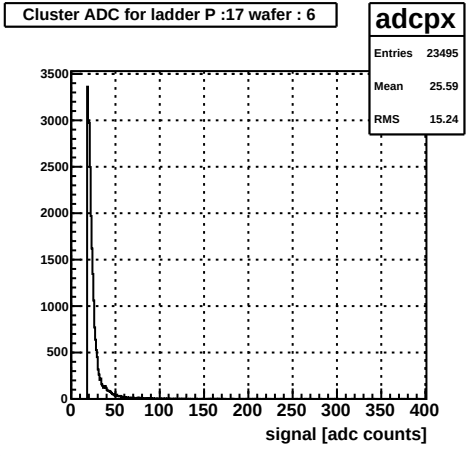

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 3222
Mean 38.66
RMS 38.89
signal [adc counts]

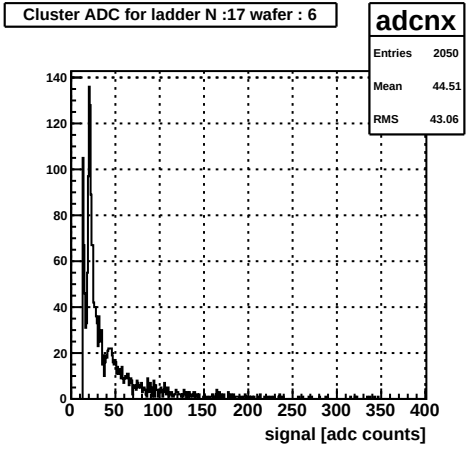

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

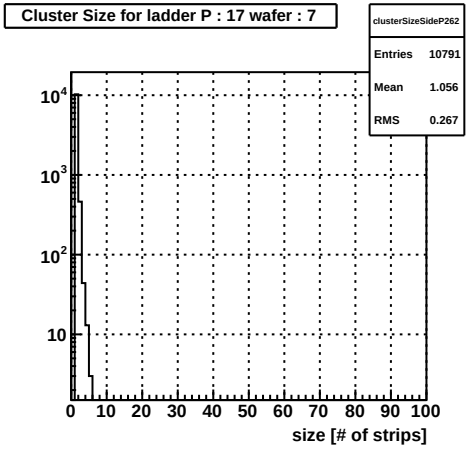

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 23495
Mean 1.041
RMS 0.226
size [# of strips]

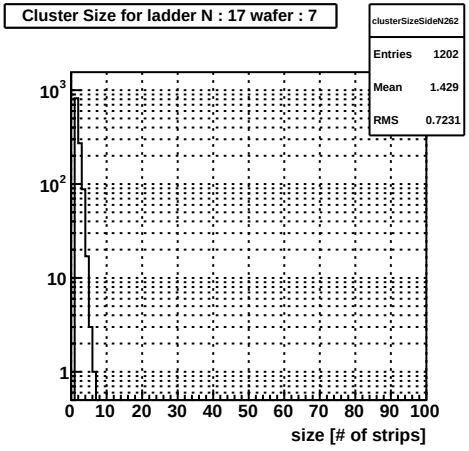

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 2050
Mean 1.643
RMS 1.008
size [# of strips]

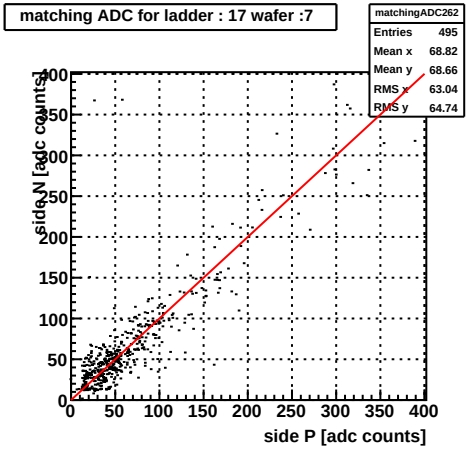

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 304
Mean x 65.09
Mean y 56.42
RMS x 63.26
RMS y 53.13
side N [adc counts]
side P [adc counts]

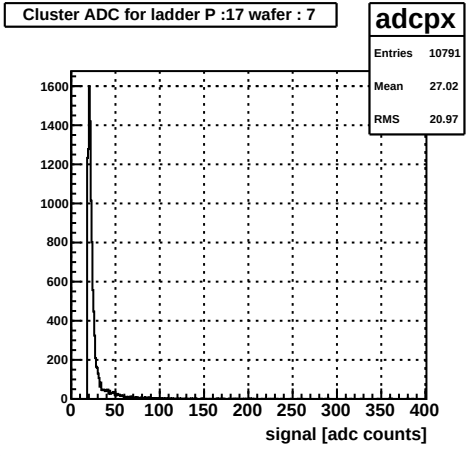

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 23495
Mean 25.59
RMS 15.24
signal [adc counts]

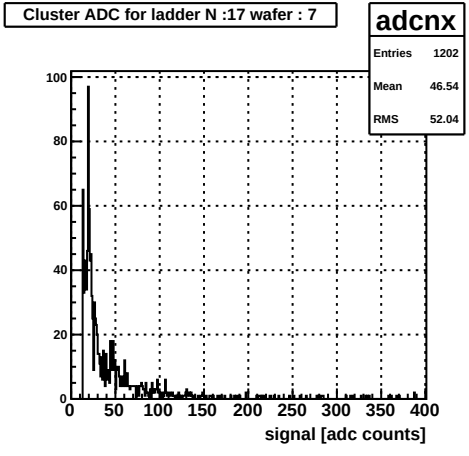

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 2050
Mean 44.51
RMS 43.06
signal [adc counts]

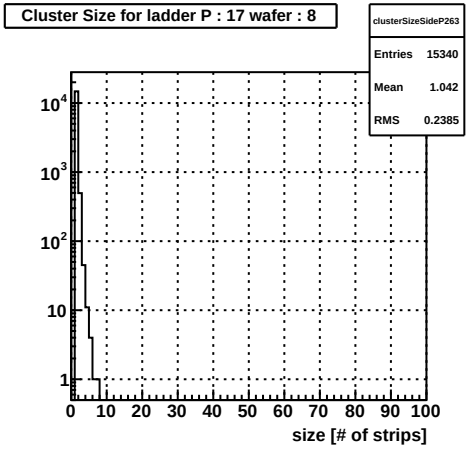

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 10791
Mean 1.056
RMS 0.267
size [# of strips]

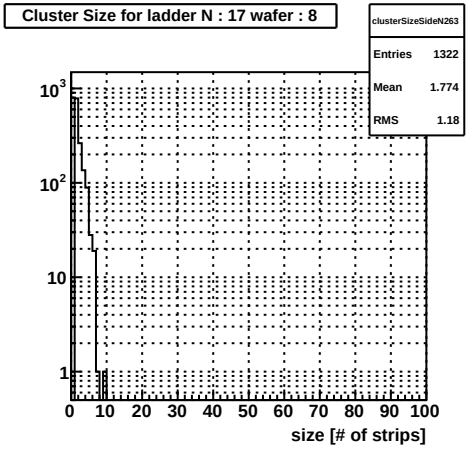

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 1202
Mean 1.429
RMS 0.7231
size [# of strips]

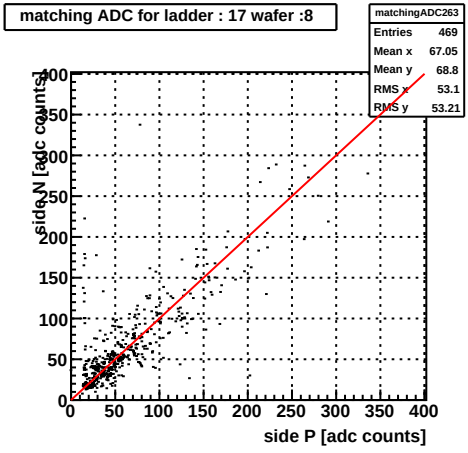

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 495
Mean x 68.82
Mean y 68.66
RMS x 63.04
RMS y 64.74
side N [adc counts]
side P [adc counts]

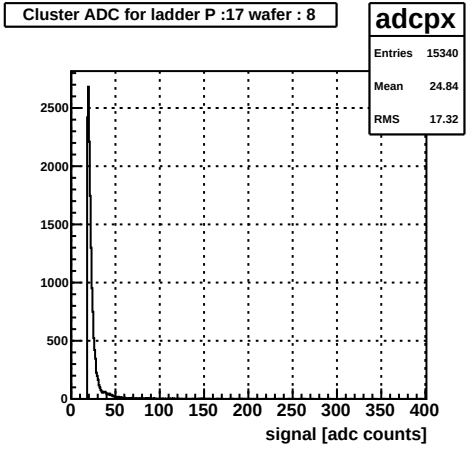

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 10791
Mean 27.02
RMS 20.97
signal [adc counts]

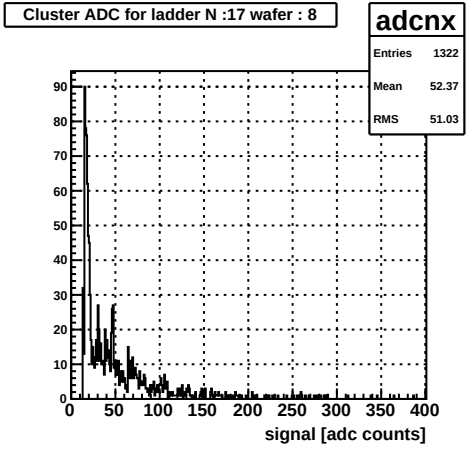

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 1202
Mean 46.54
RMS 52.04
signal [adc counts]

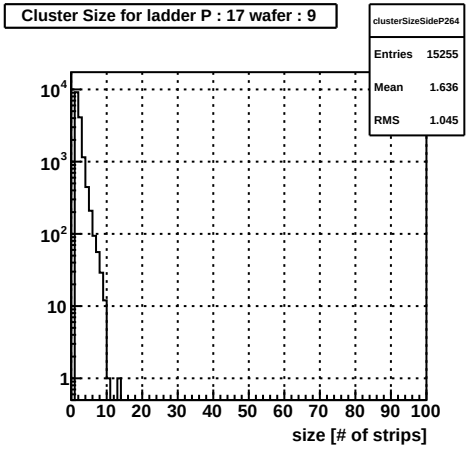

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 15340
Mean 1.042
RMS 0.2385
size [# of strips]

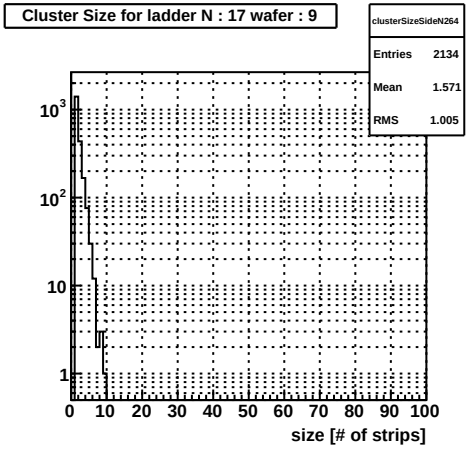

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 1322
Mean 1.774
RMS 1.18
size [# of strips]

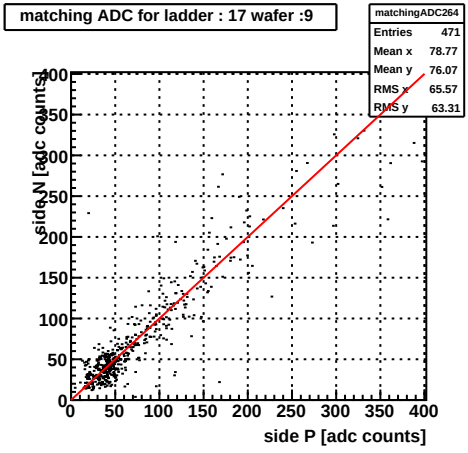

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 469
Mean x 67.05
Mean y 68.8
RMS x 53.1
RMS y 53.21
side N [adc counts]
side P [adc counts]

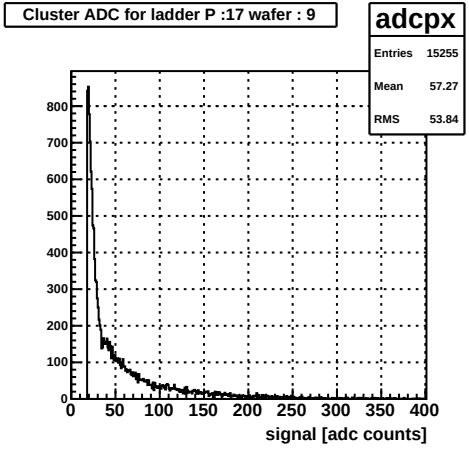

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 15340
Mean 24.84
RMS 17.32
signal [adc counts]

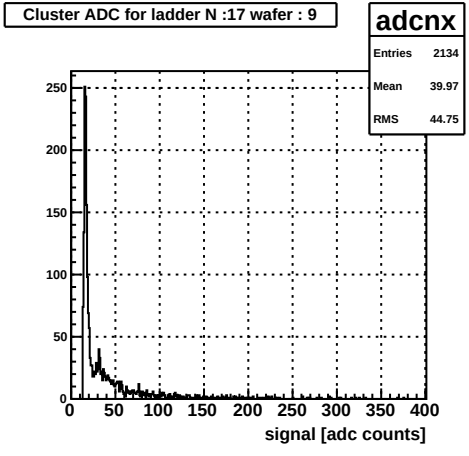

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 1322
Mean 52.37
RMS 51.03
signal [adc counts]

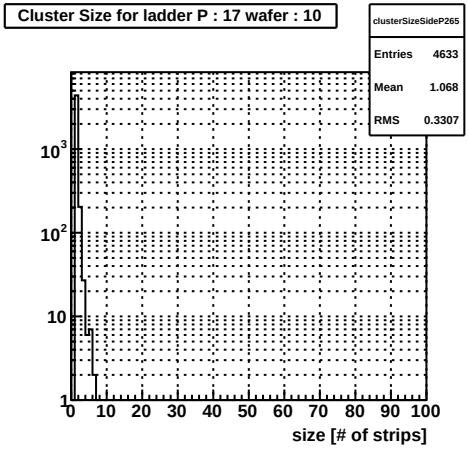

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 15255
Mean 1.636
RMS 1.045
size [# of strips]

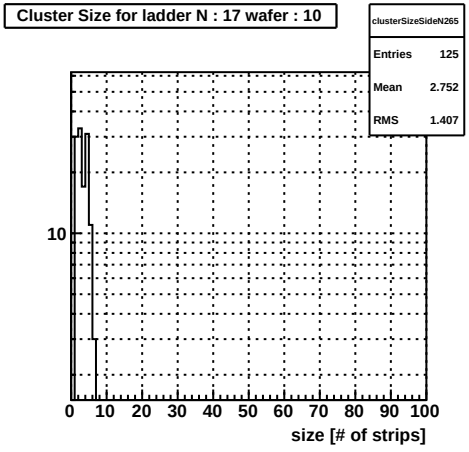

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 2134
Mean 1.571
RMS 1.005
size [# of strips]

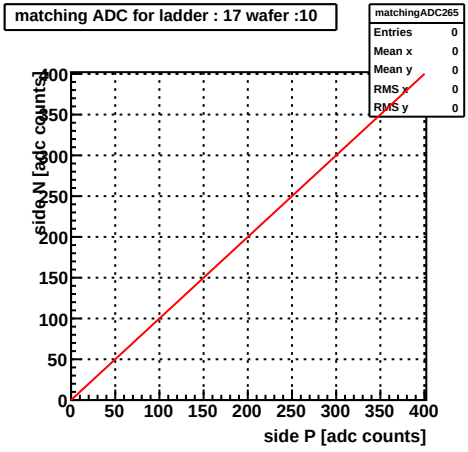

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 471
Mean x 78.77
Mean y 76.07
RMS x 65.57
RMS y 63.31
side N [adc counts]
side P [adc counts]

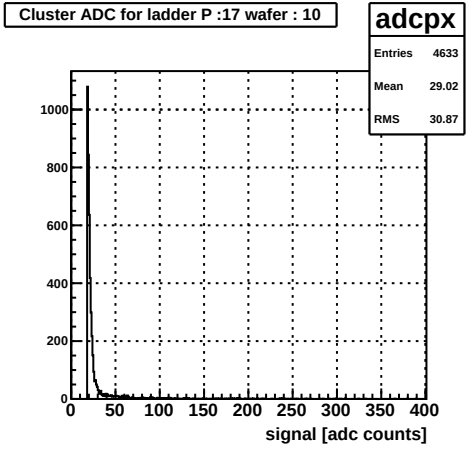

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 15255
Mean 57.27
RMS 53.84
signal [adc counts]

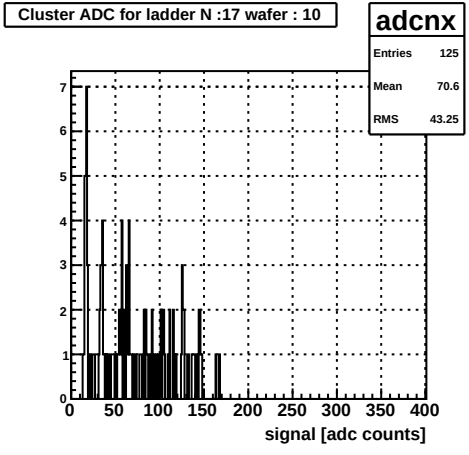

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 2134
Mean 39.97
RMS 44.75
signal [adc counts]

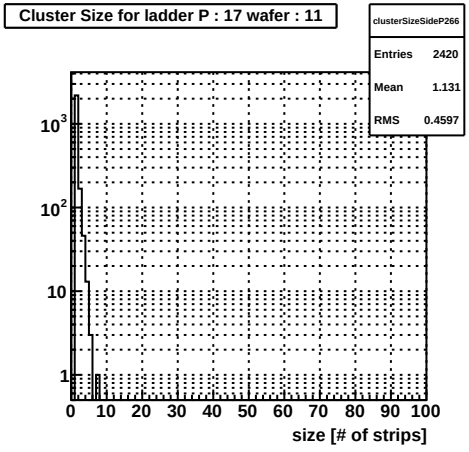

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 4633
Mean 1.068
RMS 0.3307
size [# of strips]

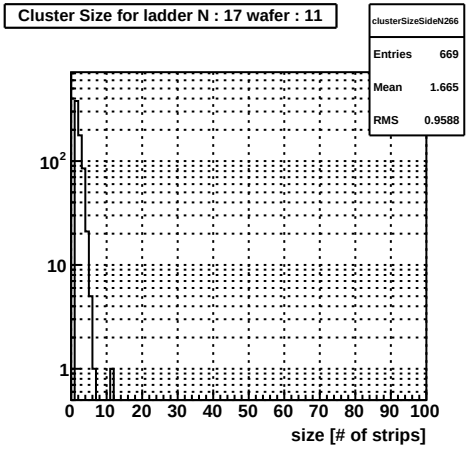

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 125
Mean 2.752
RMS 1.407
size [# of strips]

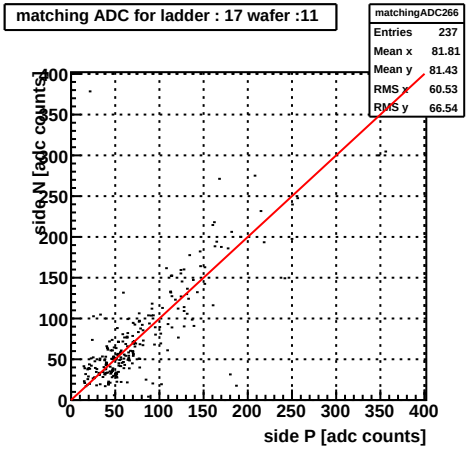

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

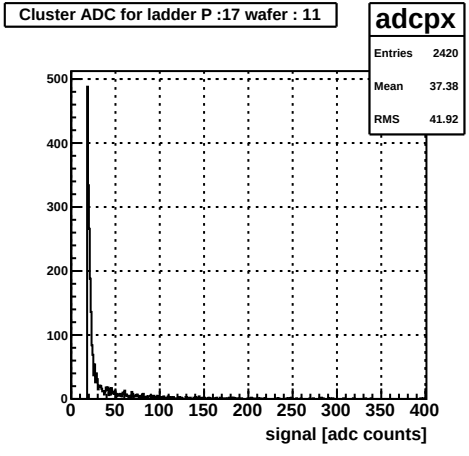

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 4633
Mean 29.02
RMS 30.87
signal [adc counts]

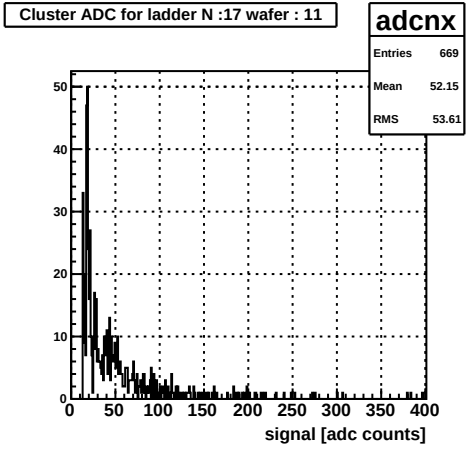

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 125
Mean 70.6
RMS 43.25
signal [adc counts]

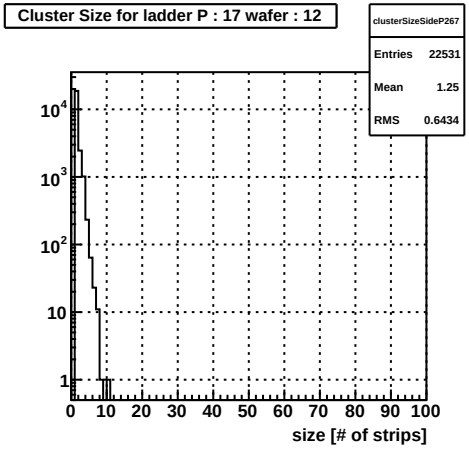

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 2420
Mean 1.131
RMS 0.4597
size [# of strips]

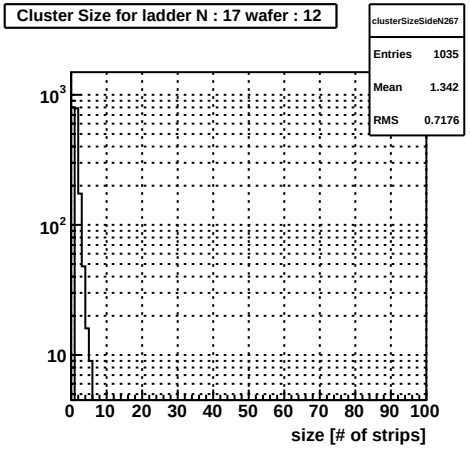

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 669
Mean 1.665
RMS 0.9588
size [# of strips]

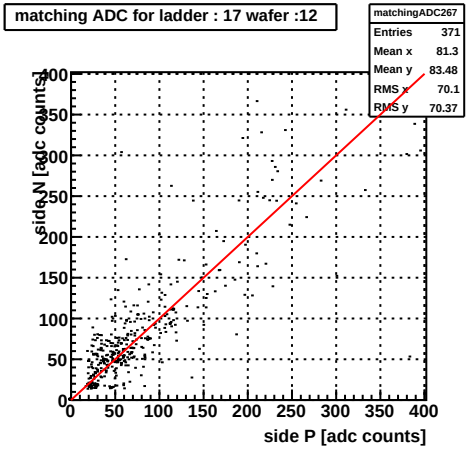

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 237
Mean x 81.81
Mean y 81.43
RMS x 60.53
RMS y 66.54
side N [adc counts]
side P [adc counts]

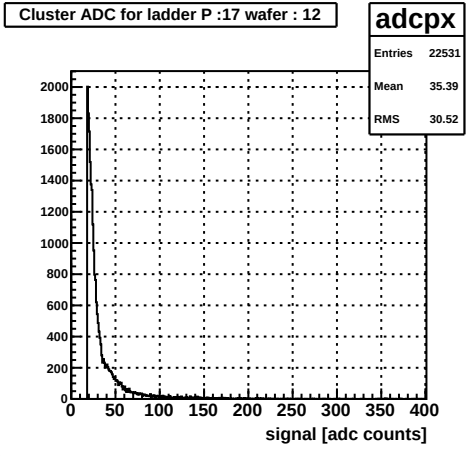

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 2420
Mean 37.38
RMS 41.92
signal [adc counts]

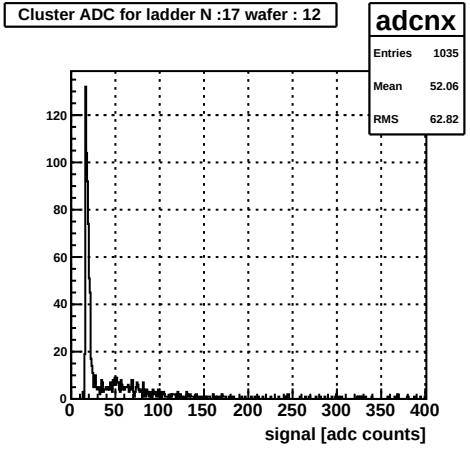

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 669
Mean 52.15
RMS 53.61
signal [adc counts]

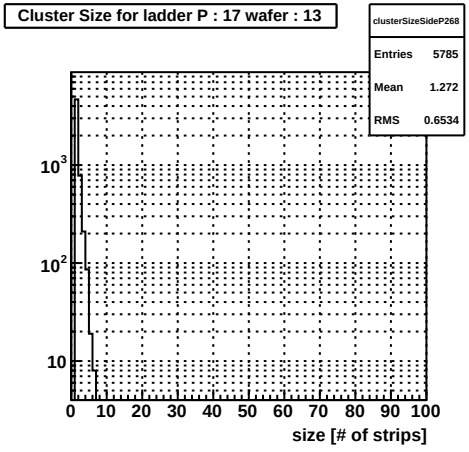

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 22531
Mean 1.25
RMS 0.6434
size [# of strips]

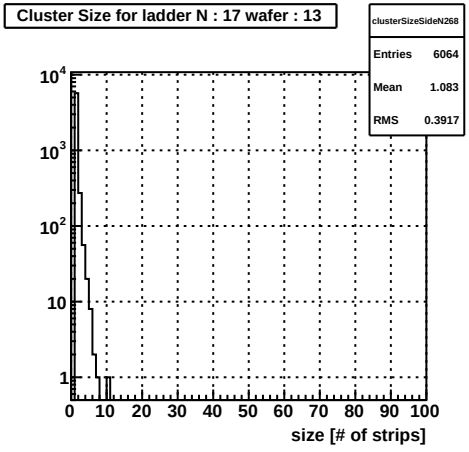

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 1035
Mean 1.342
RMS 0.7176
size [# of strips]

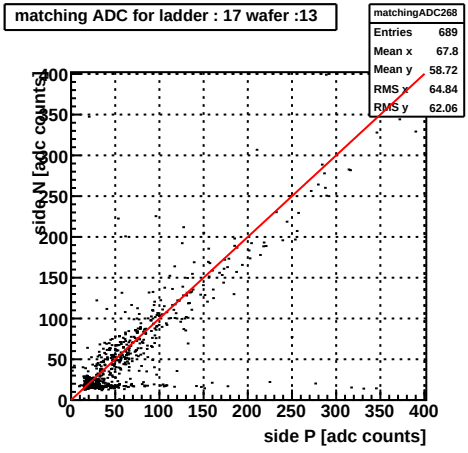

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 371
Mean x 81.3
Mean y 83.48
RMS x 70.1
RMS y 70.37
side N [adc counts]
side P [adc counts]

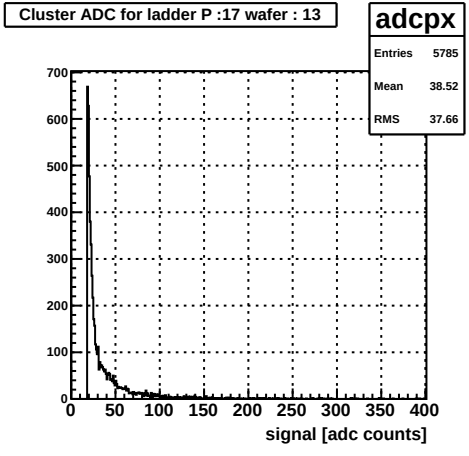

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 22531
Mean 35.39
RMS 30.52
signal [adc counts]

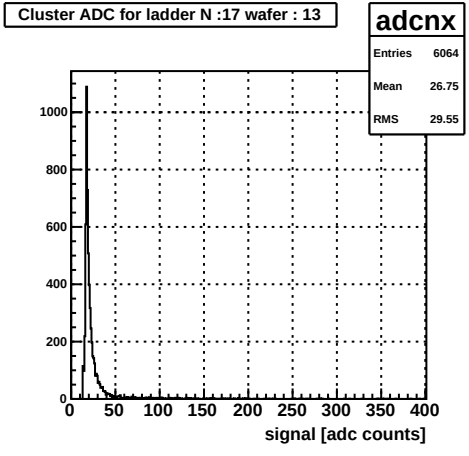

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 1035
Mean 52.06
RMS 62.82
signal [adc counts]

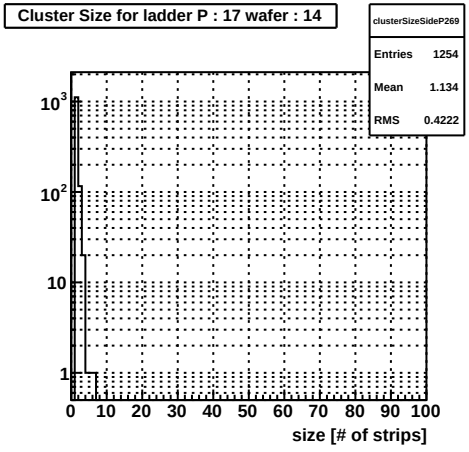

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 5785
Mean 1.272
RMS 0.6534
size [# of strips]

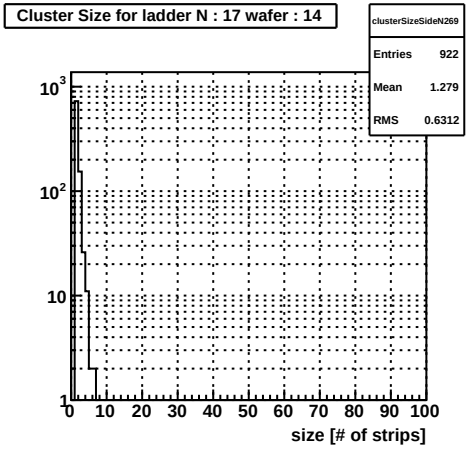

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 6064
Mean 1.083
RMS 0.3917
size [# of strips]

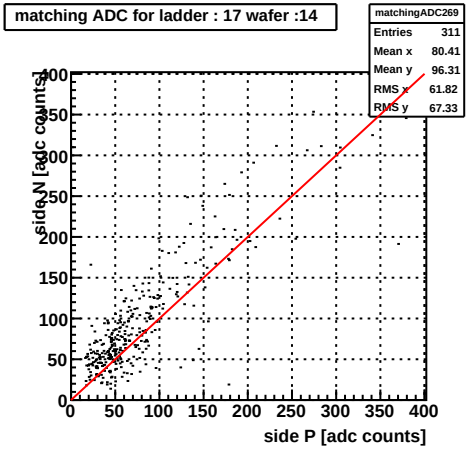

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 689
Mean x 67.8
Mean y 58.72
RMS x 64.84
RMS y 62.06
side N [adc counts]
side P [adc counts]

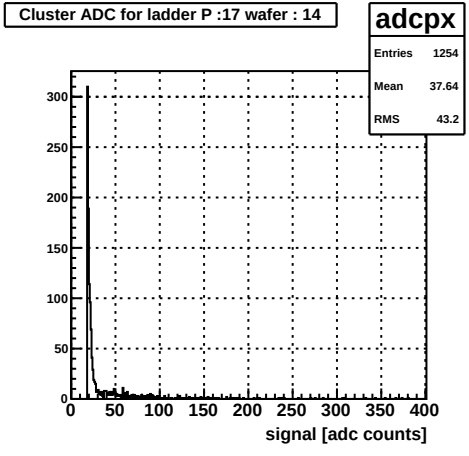

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 5785
Mean 38.52
RMS 37.66
signal [adc counts]

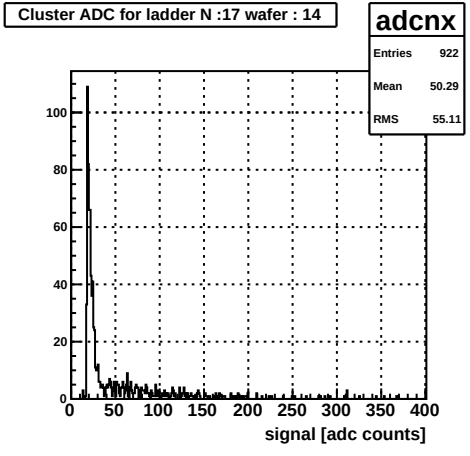

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 6064
Mean 26.75
RMS 29.55
signal [adc counts]

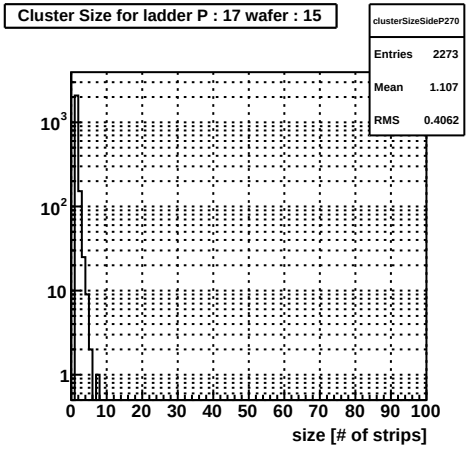

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 1254
Mean 1.134
RMS 0.4222
size [# of strips]

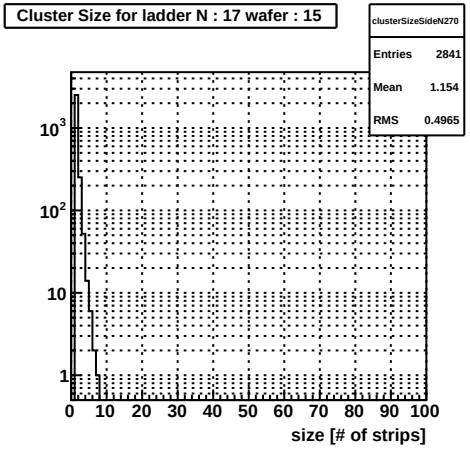

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 922
Mean 1.279
RMS 0.6312
size [# of strips]

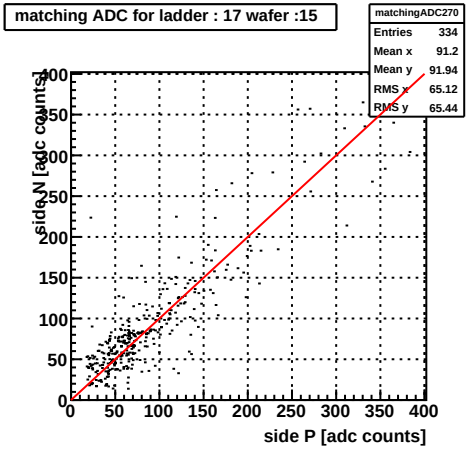

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 311
Mean x 80.41
Mean y 96.31
RMS x 61.82
RMS y 67.33
side N [adc counts]
side P [adc counts]

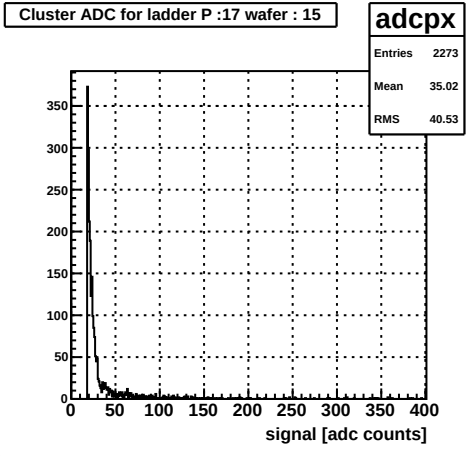

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 1254
Mean 37.64
RMS 43.2
signal [adc counts]

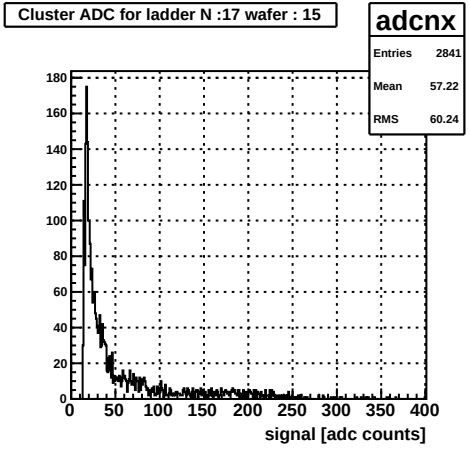

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 922
Mean 50.29
RMS 55.11
signal [adc counts]

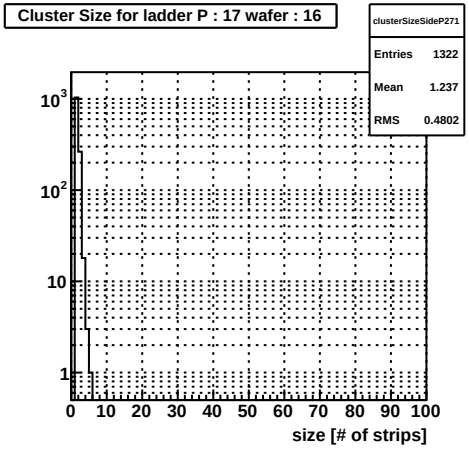

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 2273
Mean 1.107
RMS 0.4062
size [# of strips]

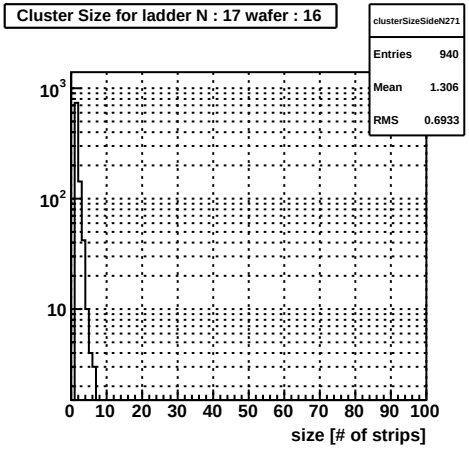

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 2841
Mean 1.154
RMS 0.4965
size [# of strips]

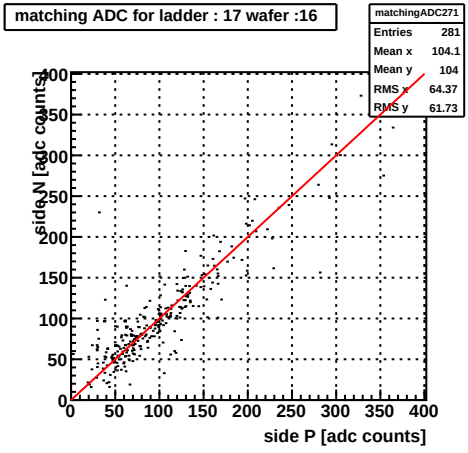

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 334
Mean x 91.2
Mean y 91.94
RMS x 65.12
RMS y 65.44
side N [adc counts]
side P [adc counts]

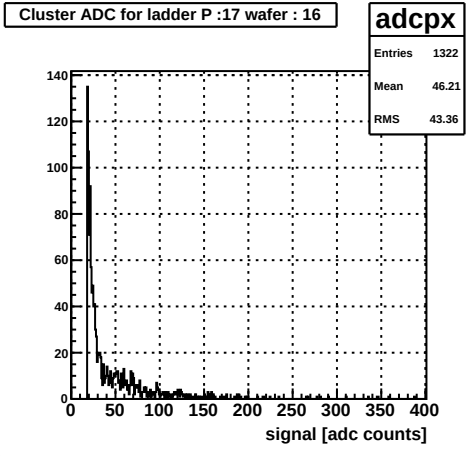

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 2273
Mean 35.02
RMS 40.53
signal [adc counts]

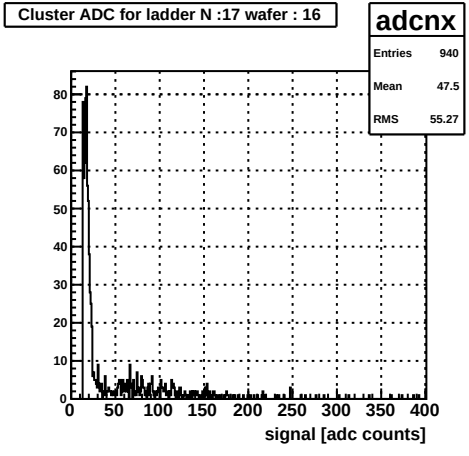

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 2841
Mean 57.22
RMS 60.24
signal [adc counts]

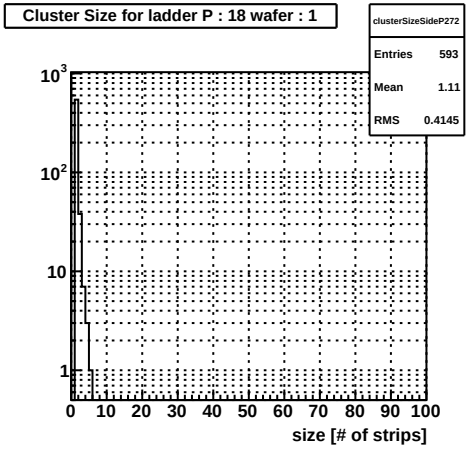

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 1322
Mean 1.237
RMS 0.4802
size [# of strips]

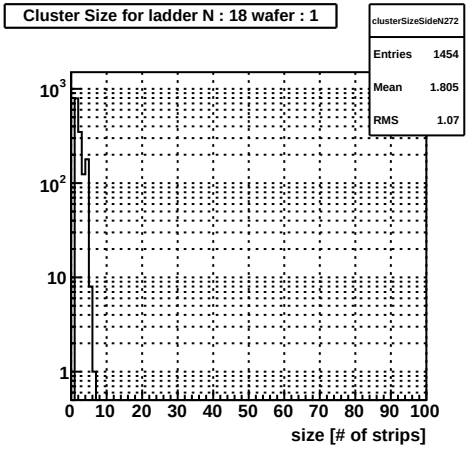

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 940
Mean 1.306
RMS 0.6933
size [# of strips]

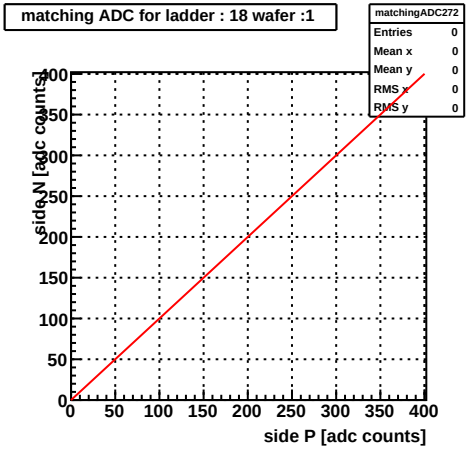

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 281
Mean x 104.1
Mean y 104
RMS x 64.37
RMS y 61.73
side N [adc counts]
side P [adc counts]

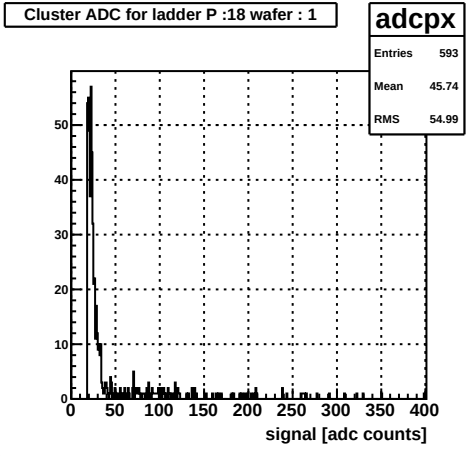

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 1322
Mean 46.21
RMS 43.36
signal [adc counts]

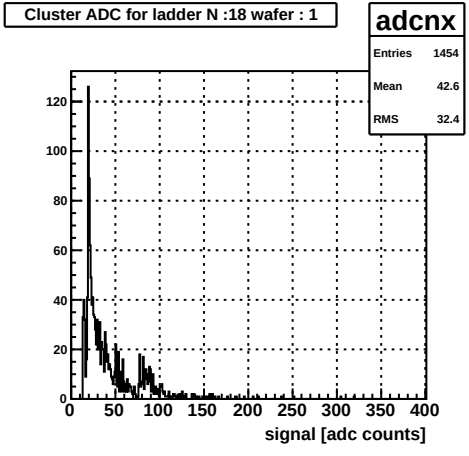

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 940
Mean 47.5
RMS 55.27
signal [adc counts]

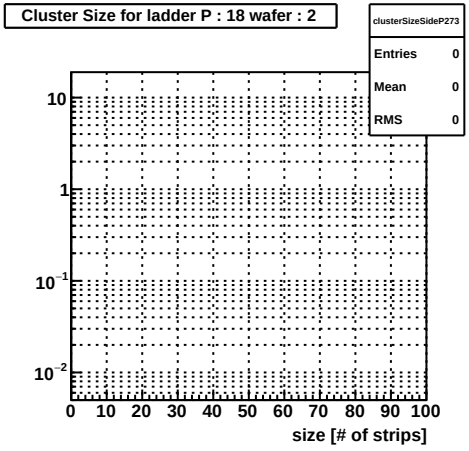

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 593
Mean 1.11
RMS 0.4145
size [# of strips]

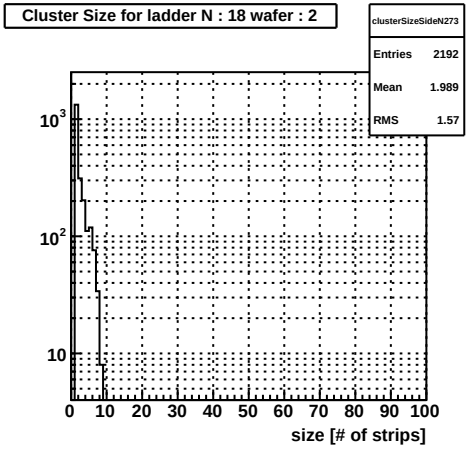

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1454
Mean 1.805
RMS 1.07
size [# of strips]

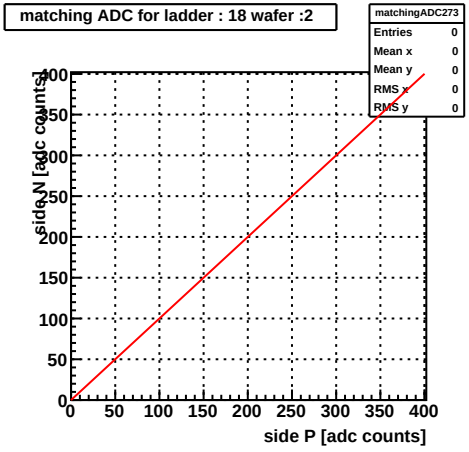

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

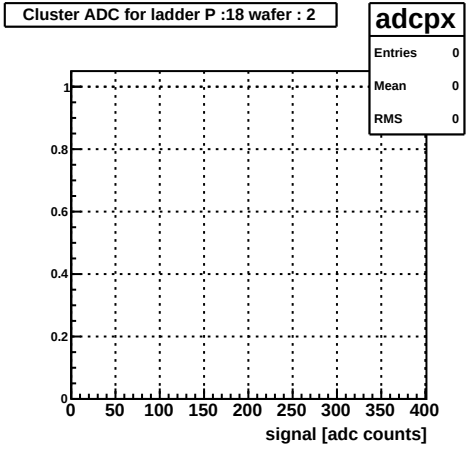

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 593
Mean 45.74
RMS 54.99
signal [adc counts]

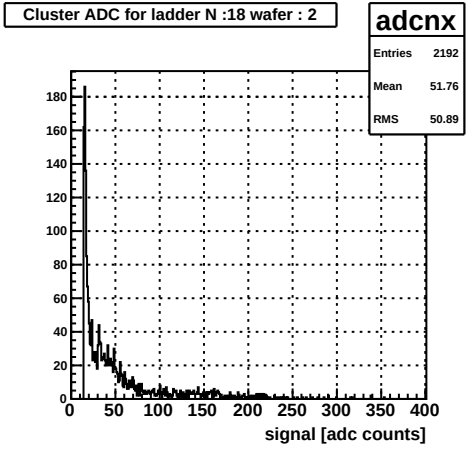

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1454
Mean 42.6
RMS 32.4
signal [adc counts]

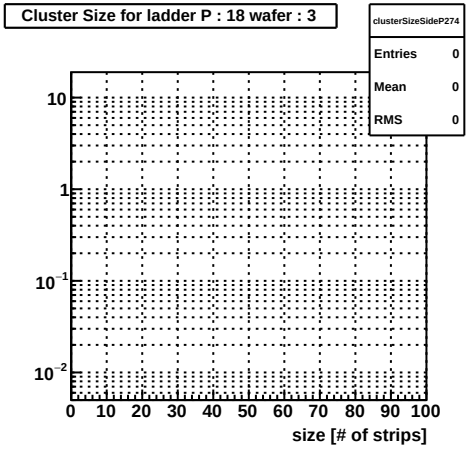

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

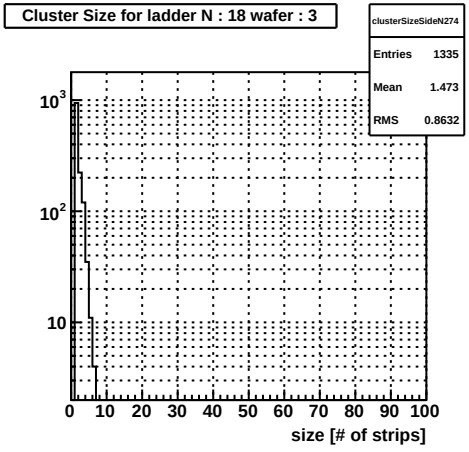

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 2192
Mean 1.989
RMS 1.57
size [# of strips]

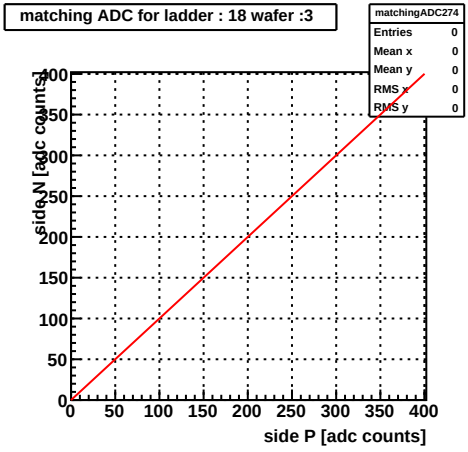

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

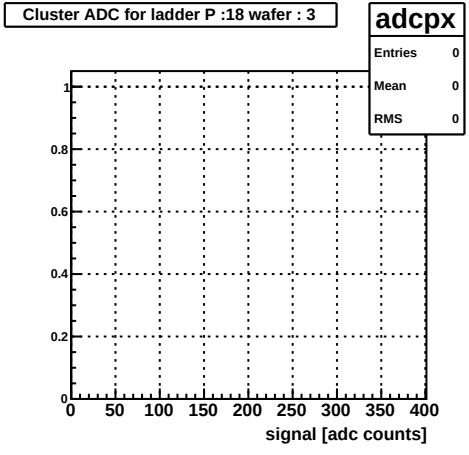

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

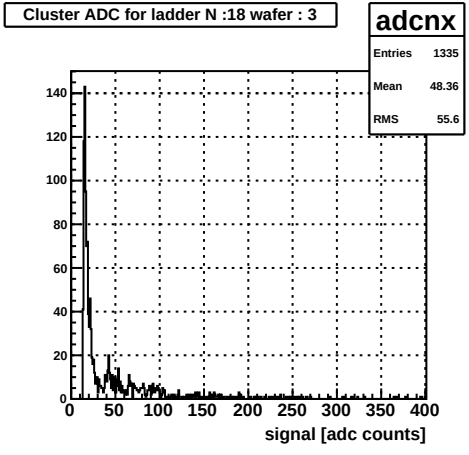

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 2192
Mean 51.76
RMS 50.89
signal [adc counts]

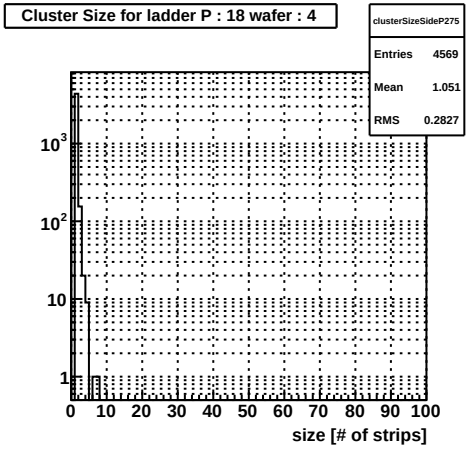

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

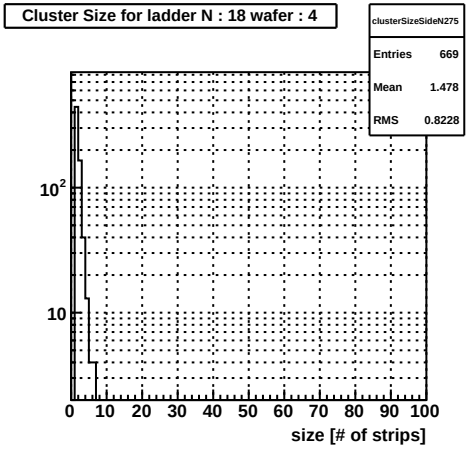

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 1335
Mean 1.473
RMS 0.8632
size [# of strips]

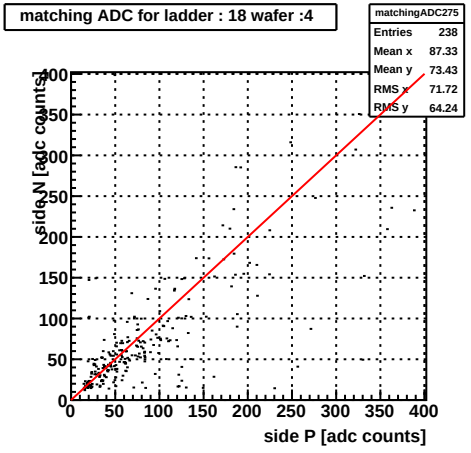

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

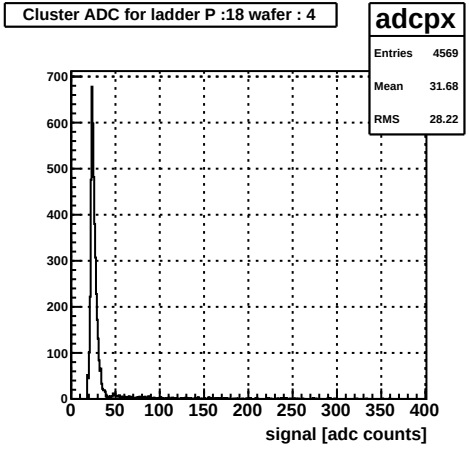

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

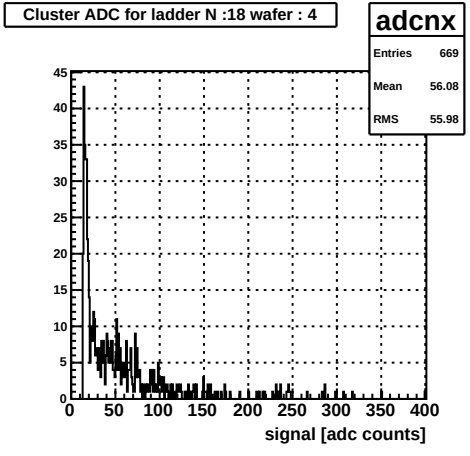

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 1335
Mean 48.36
RMS 55.6
signal [adc counts]

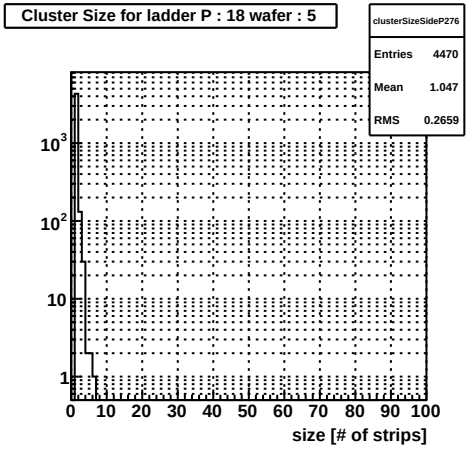

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 4569
Mean 1.051
RMS 0.2827
size [# of strips]

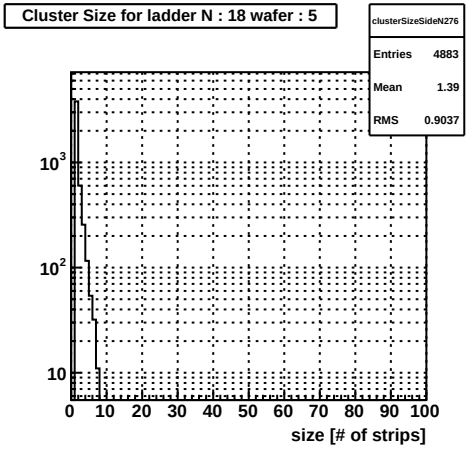

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 669
Mean 1.478
RMS 0.8228
size [# of strips]

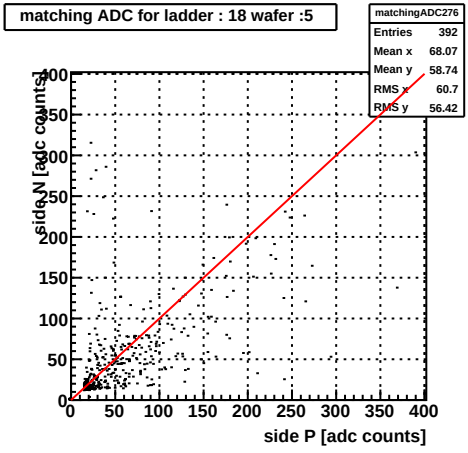

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 238
Mean x 87.33
Mean y 73.43
RMS x 71.72
RMS y 64.24
side N [adc counts]
side P [adc counts]

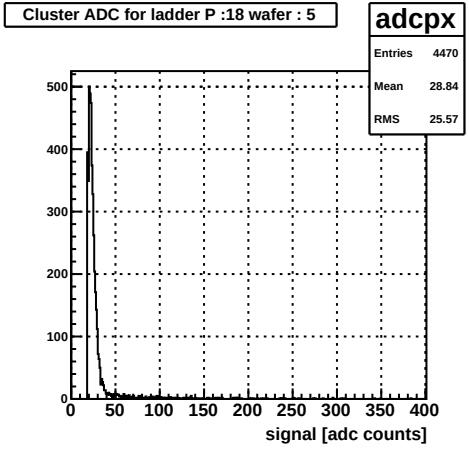

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 4569
Mean 31.68
RMS 28.22
signal [adc counts]

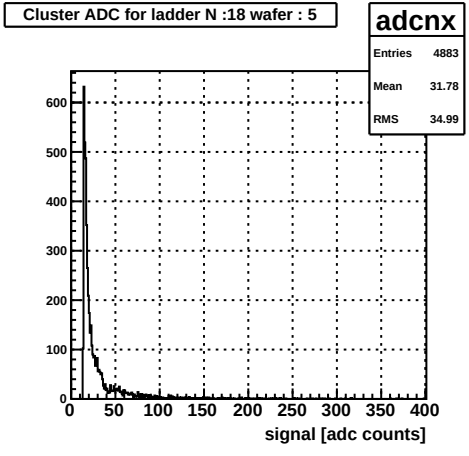

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 669
Mean 56.08
RMS 55.98
signal [adc counts]

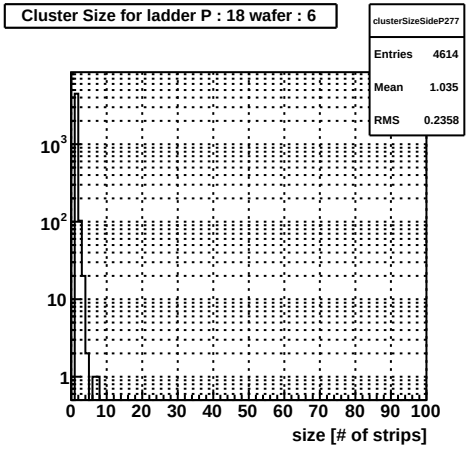

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 4470
Mean 1.047
RMS 0.2659
size [# of strips]

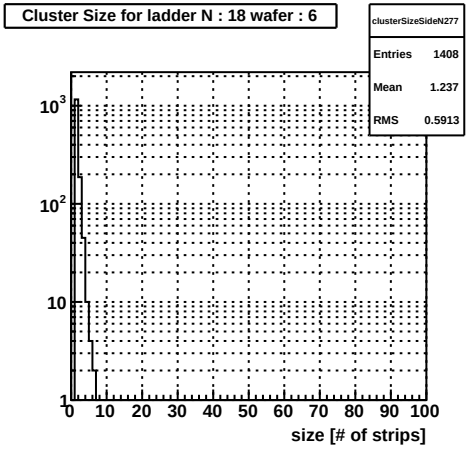

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 4883
Mean 1.39
RMS 0.9037
size [# of strips]

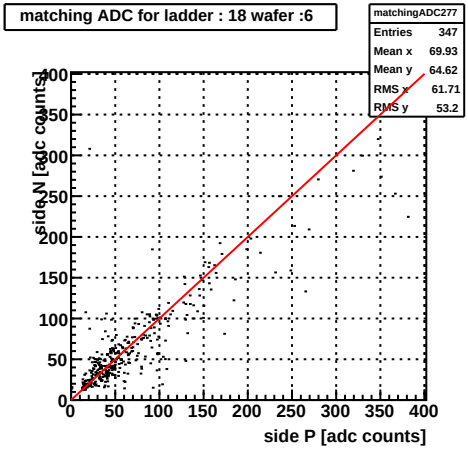

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 392
Mean x 68.07
Mean y 58.74
RMS x 60.7
RMS y 56.42
side N [adc counts]
side P [adc counts]

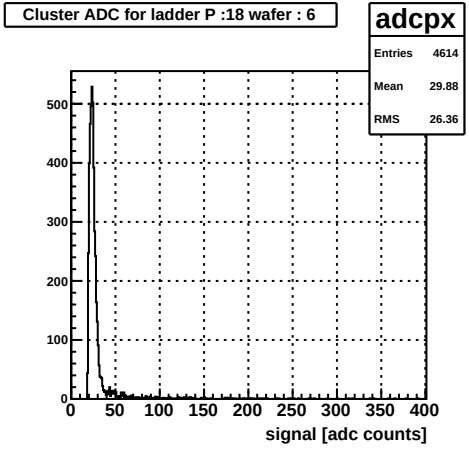

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 4470
Mean 28.84
RMS 25.57
signal [adc counts]

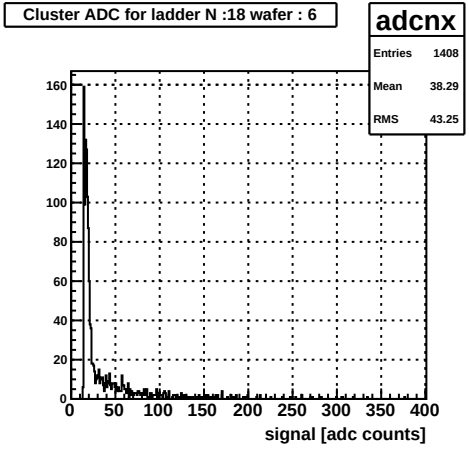

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 4883
Mean 31.78
RMS 34.99
signal [adc counts]

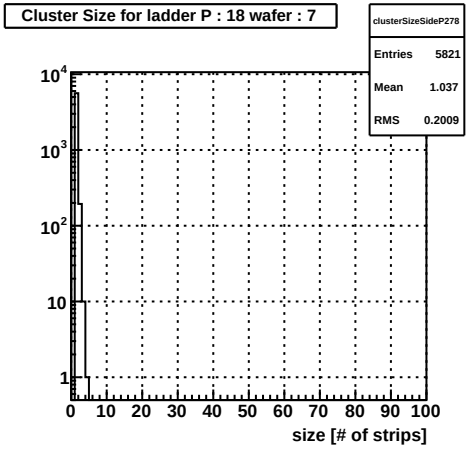

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 4614
Mean 1.035
RMS 0.2358
size [# of strips]

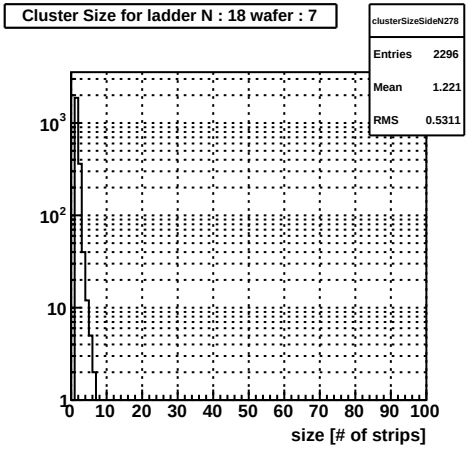

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 1408
Mean 1.237
RMS 0.5913
size [# of strips]

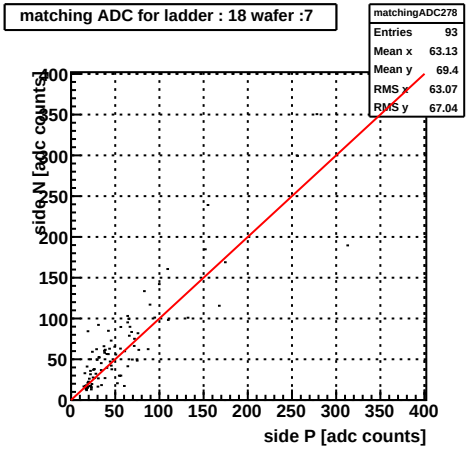

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 347
Mean x 69.93
Mean y 64.62
RMS x 61.71
RMS y 53.2
side N [adc counts]
side P [adc counts]

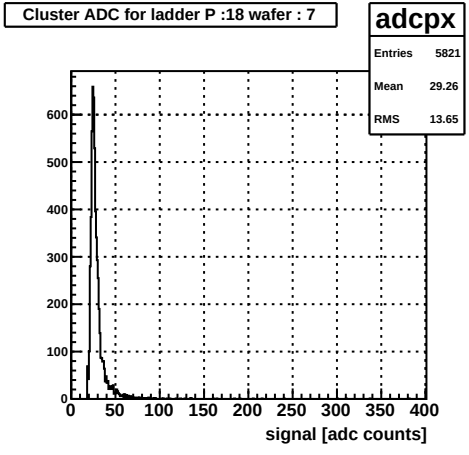

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 4614
Mean 29.88
RMS 26.36
signal [adc counts]

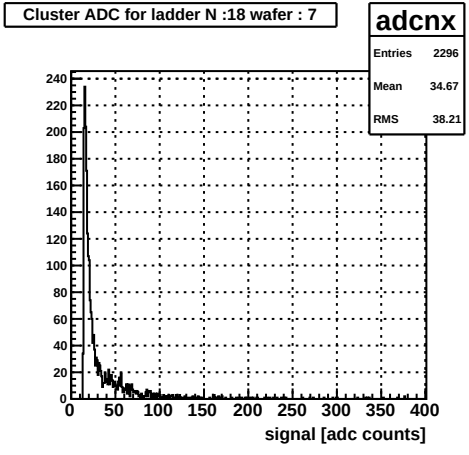

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 1408
Mean 38.29
RMS 43.25
signal [adc counts]

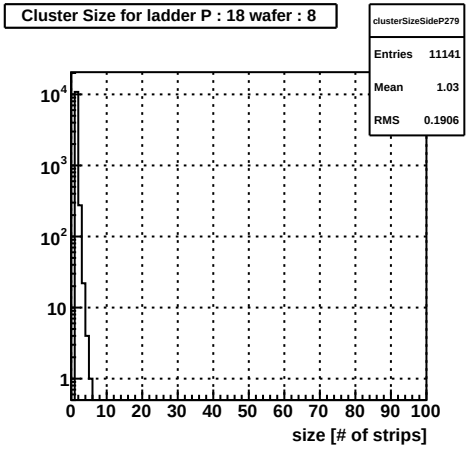

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 5821
Mean 1.037
RMS 0.2009
size [# of strips]

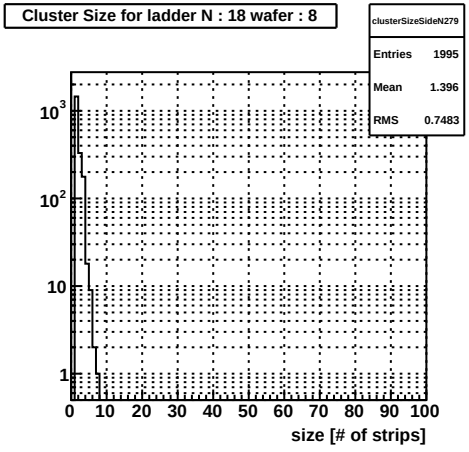

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 2296
Mean 1.221
RMS 0.5311
size [# of strips]

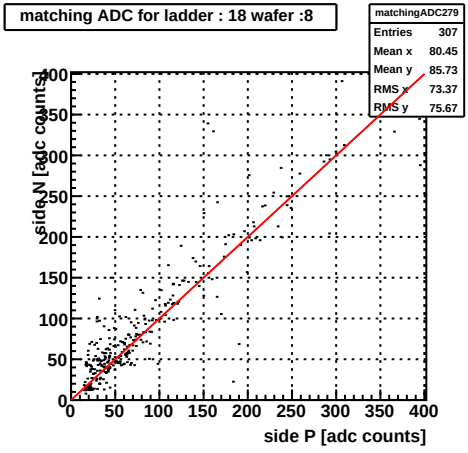

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 93
Mean x 63.13
Mean y 69.4
RMS x 63.07
RMS y 67.04
side N [adc counts]
side P [adc counts]

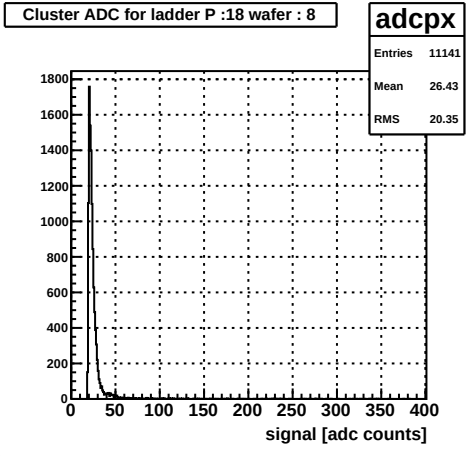

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 5821
Mean 29.26
RMS 13.65
signal [adc counts]

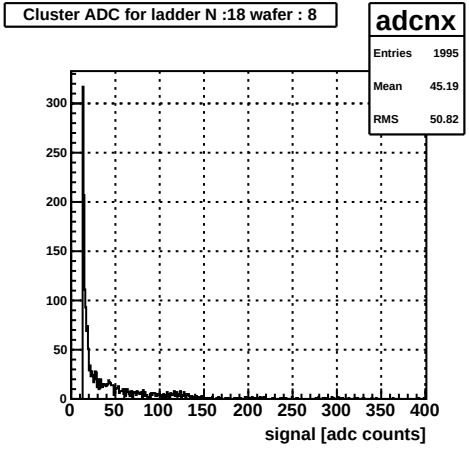

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 2296
Mean 34.67
RMS 38.21
signal [adc counts]

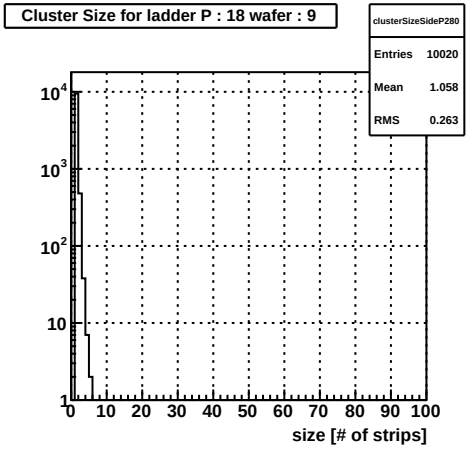

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 11141
Mean 1.03
RMS 0.1906
size [# of strips]

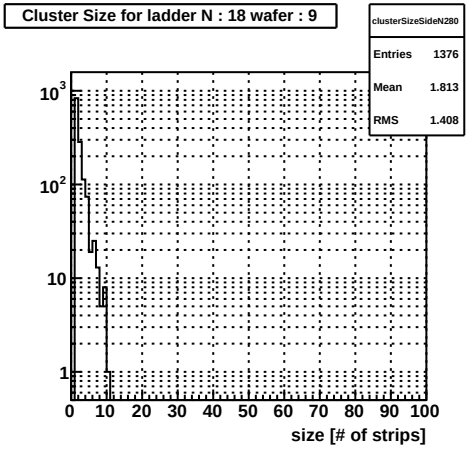

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 1995
Mean 1.396
RMS 0.7483
size [# of strips]

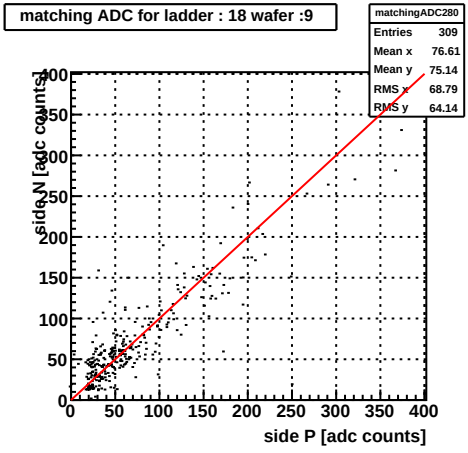

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 307
Mean x 80.45
Mean y 85.73
RMS x 73.37
RMS y 75.67
side N [adc counts]
side P [adc counts]

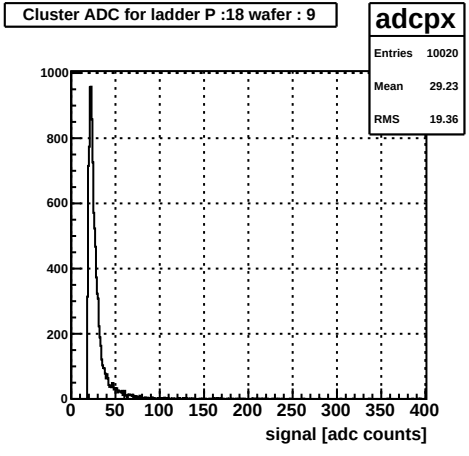

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 11141
Mean 26.43
RMS 20.35
signal [adc counts]

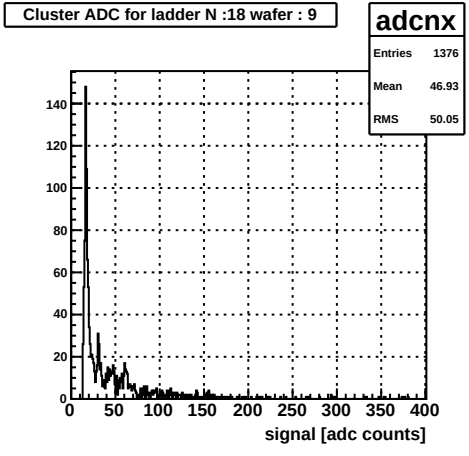

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 1995
Mean 45.19
RMS 50.82
signal [adc counts]

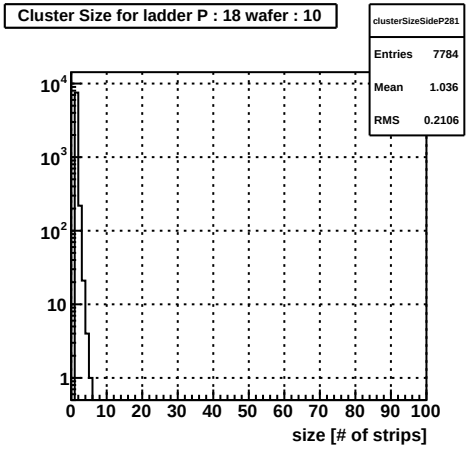

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 10020
Mean 1.058
RMS 0.263
size [# of strips]

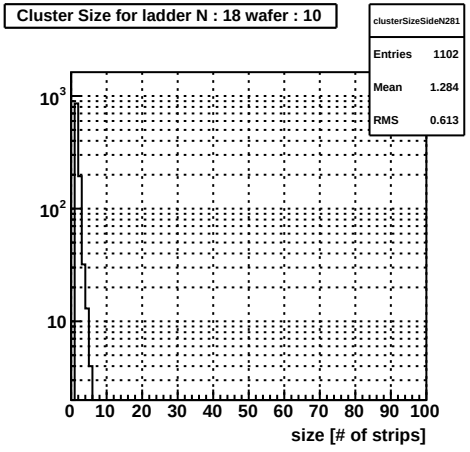

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 1376
Mean 1.813
RMS 1.408
size [# of strips]

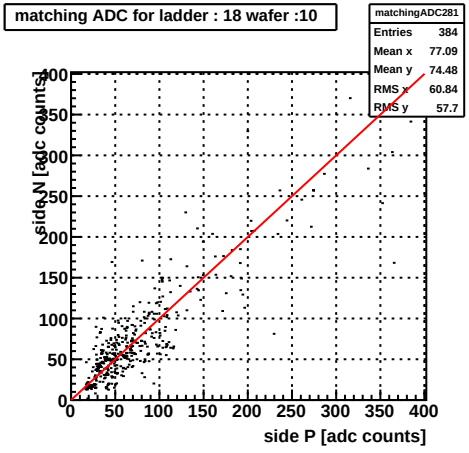

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 309
Mean x 76.61
Mean y 75.14
RMS x 68.79
RMS y 64.14
side N [adc counts]
side P [adc counts]

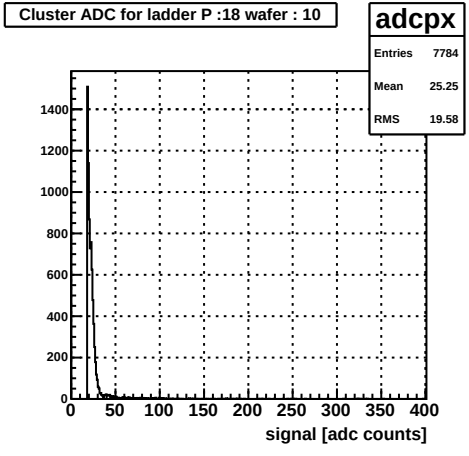

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 10020
Mean 29.23
RMS 19.36
signal [adc counts]

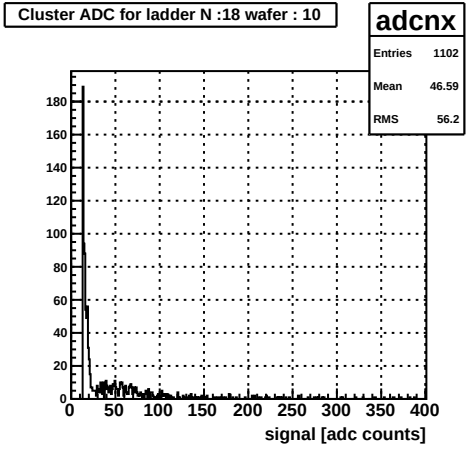

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 1376
Mean 46.93
RMS 50.05
signal [adc counts]

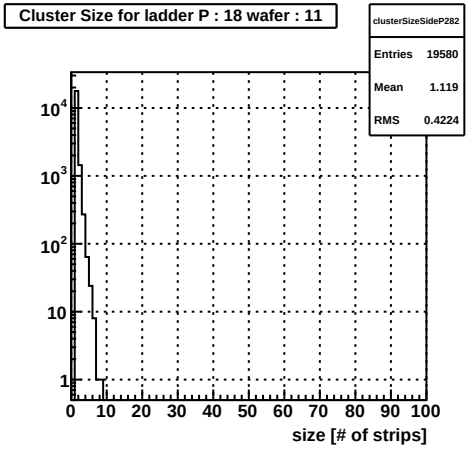

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 7784
Mean 1.036
RMS 0.2106
size [# of strips]

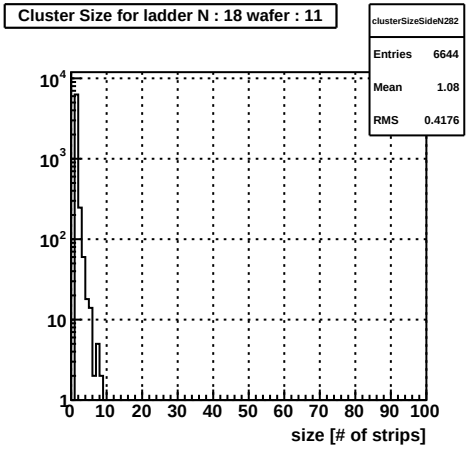

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 1102
Mean 1.284
RMS 0.613
size [# of strips]

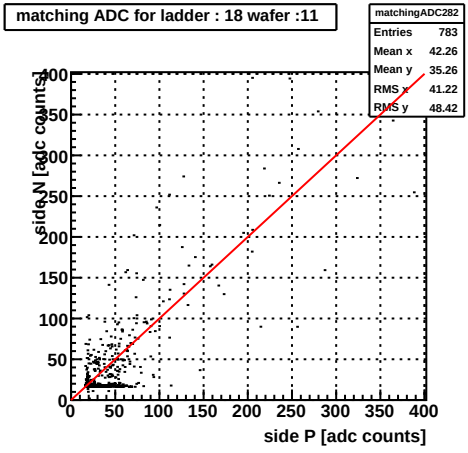

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 384
Mean x 77.09
Mean y 74.48
RMS x 60.84
RMS y 57.7
side N [adc counts]
side P [adc counts]

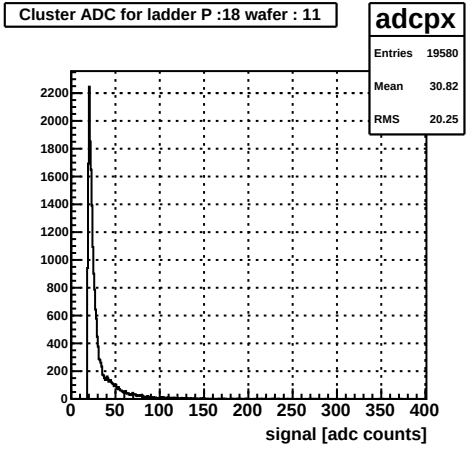

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 7784
Mean 25.25
RMS 19.58
signal [adc counts]

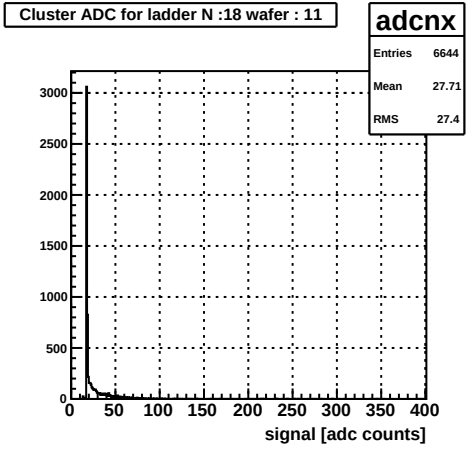

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 1102
Mean 46.59
RMS 56.2
signal [adc counts]

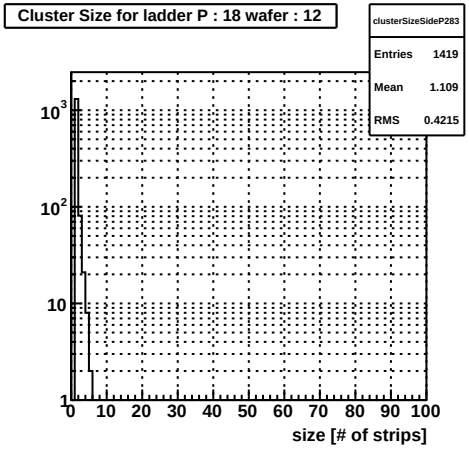

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 19580
Mean 1.119
RMS 0.4224
size [# of strips]

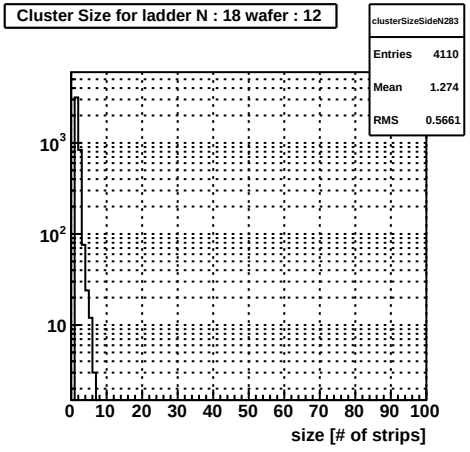

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 6644
Mean 1.08
RMS 0.4176
size [# of strips]

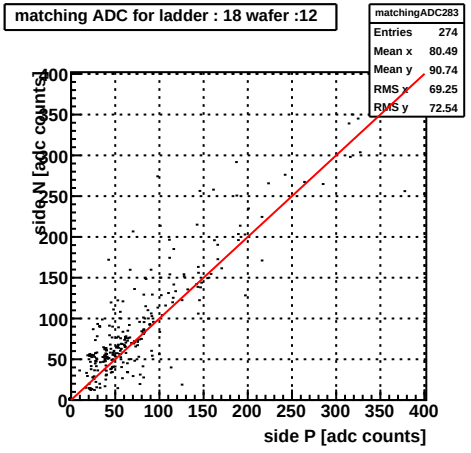

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 783
Mean x 42.26
Mean y 35.26
RMS x 41.22
RMS y 48.42
side N [adc counts]
side P [adc counts]

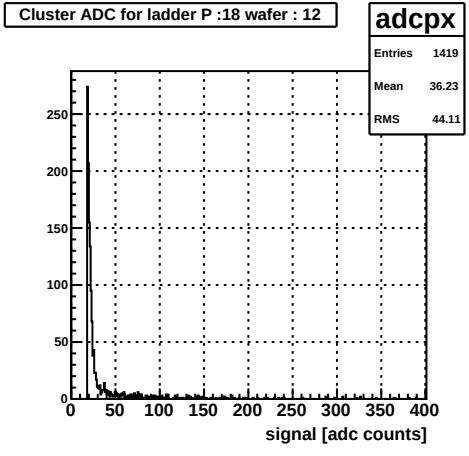

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 19580
Mean 30.82
RMS 20.25
signal [adc counts]

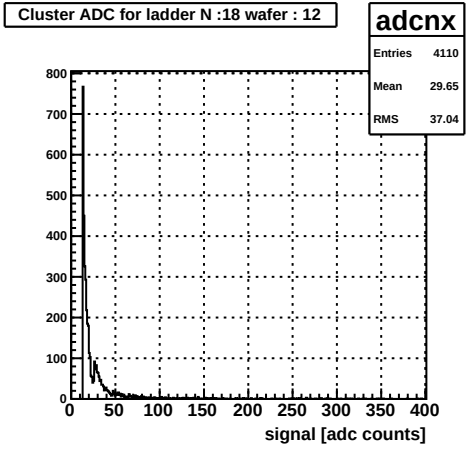

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 6644
Mean 27.71
RMS 27.4
signal [adc counts]

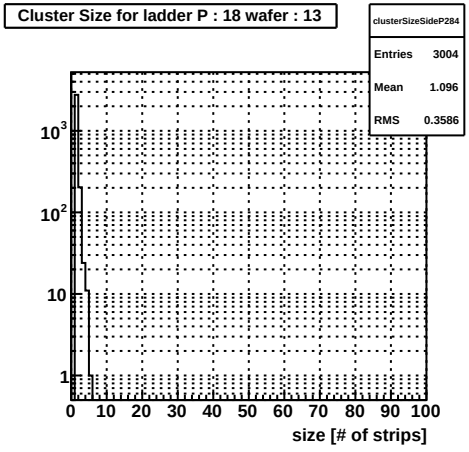

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 1419
Mean 1.109
RMS 0.4215
size [# of strips]

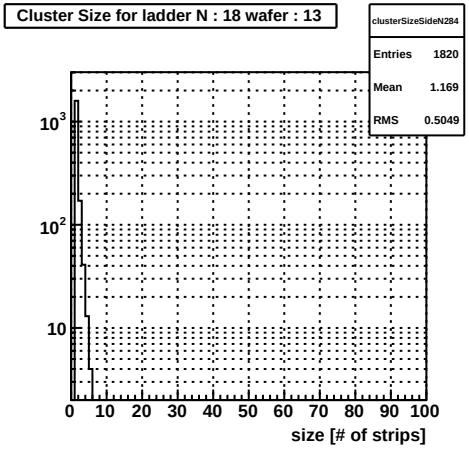

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 4110
Mean 1.274
RMS 0.5661
size [# of strips]

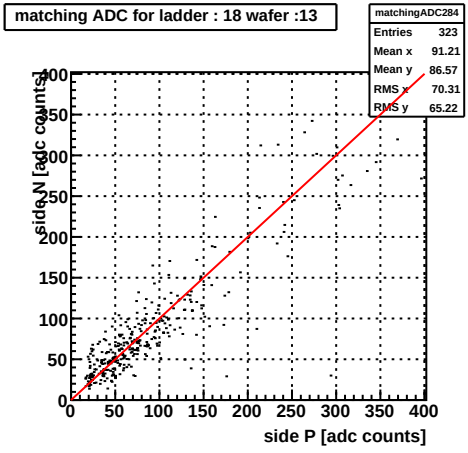

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 274
Mean x 80.49
Mean y 90.74
RMS x 69.25
RMS y 72.54
side N [adc counts]
side P [adc counts]

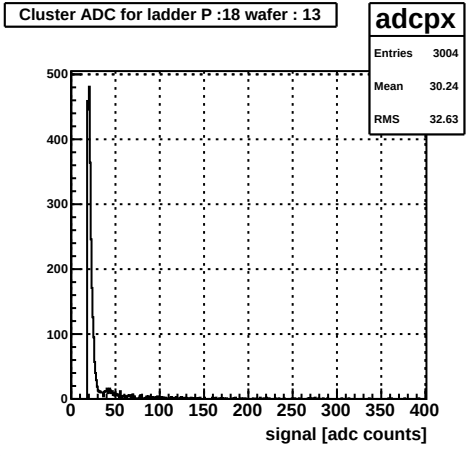

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 1419
Mean 36.23
RMS 44.11
signal [adc counts]

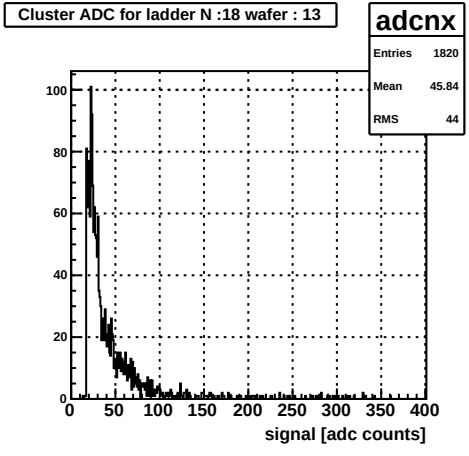

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 4110
Mean 29.65
RMS 37.04
signal [adc counts]

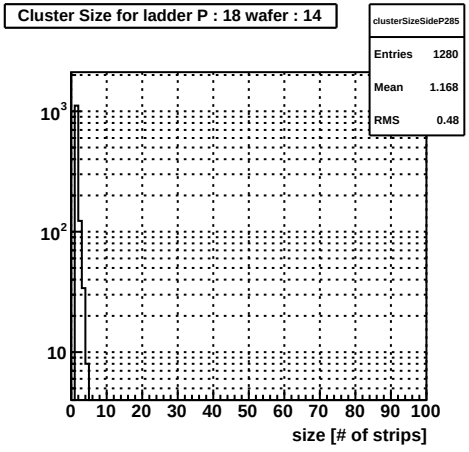

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 3004
Mean 1.096
RMS 0.3586
size [# of strips]

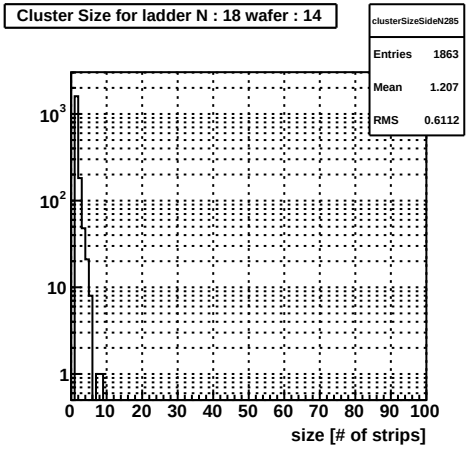

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 1820
Mean 1.169
RMS 0.5049
size [# of strips]

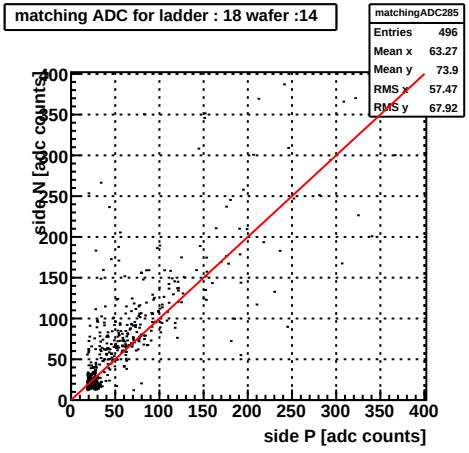

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 323
Mean x 91.21
Mean y 86.57
RMS x 70.31
RMS y 65.22
side N [adc counts]
side P [adc counts]

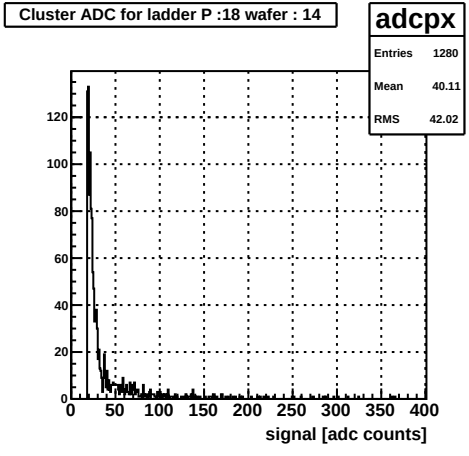

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 3004
Mean 30.24
RMS 32.63
signal [adc counts]

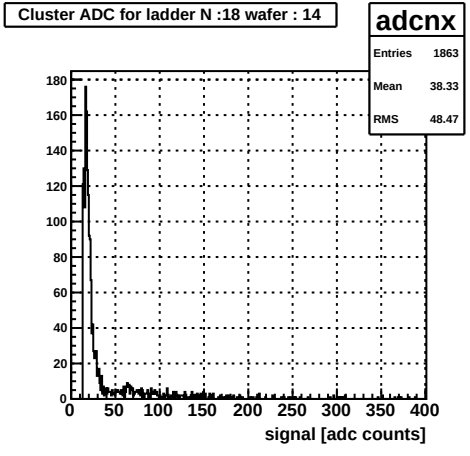

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 1820
Mean 45.84
RMS 44
signal [adc counts]

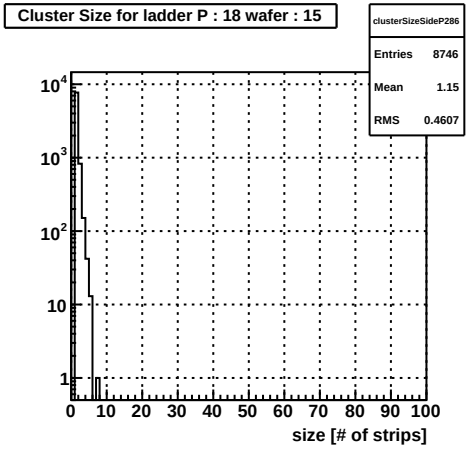

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 1280
Mean 1.168
RMS 0.48
size [# of strips]

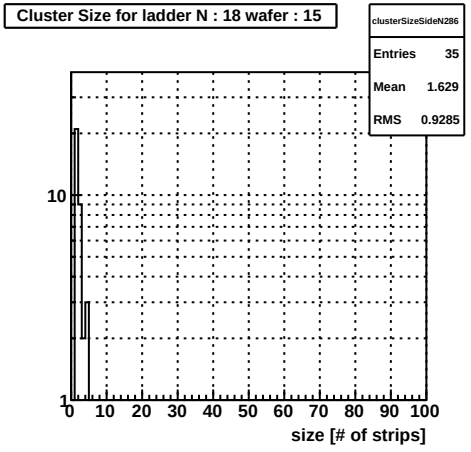

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 1863
Mean 1.207
RMS 0.6112
size [# of strips]

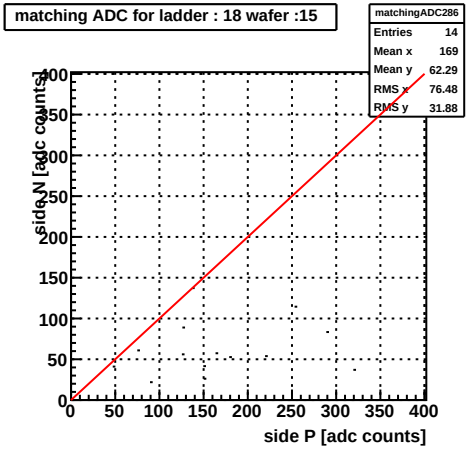

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 496
Mean x 63.27
Mean y 73.9
RMS x 57.47
RMS y 67.92
side N [adc counts]
side P [adc counts]

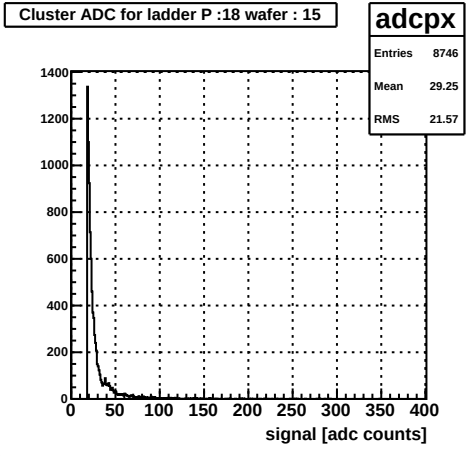

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 1280
Mean 40.11
RMS 42.02
signal [adc counts]

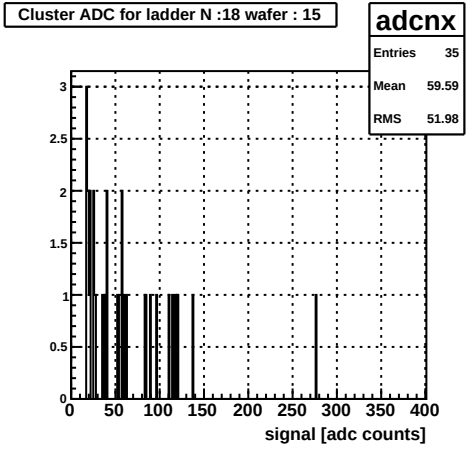

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 1863
Mean 38.33
RMS 48.47
signal [adc counts]

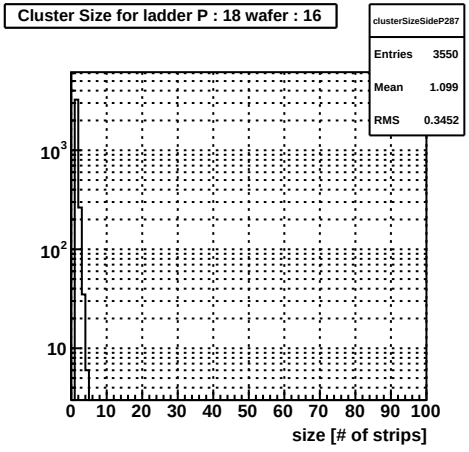

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 8746
Mean 1.15
RMS 0.4607
size [# of strips]

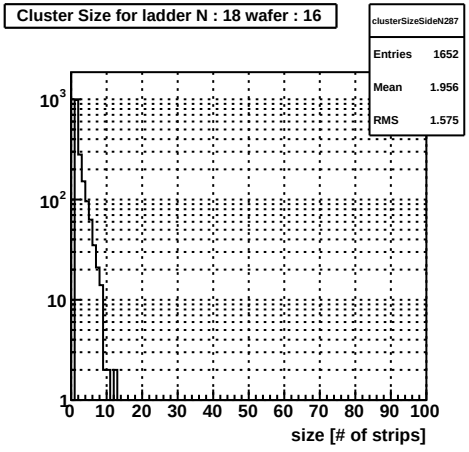

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 35
Mean 1.629
RMS 0.9285
size [# of strips]

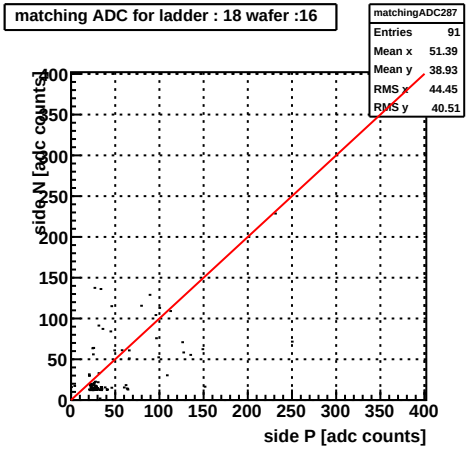

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 14
Mean x 169
Mean y 62.29
RMS x 76.48
RMS y 31.88
side N [adc counts]
side P [adc counts]

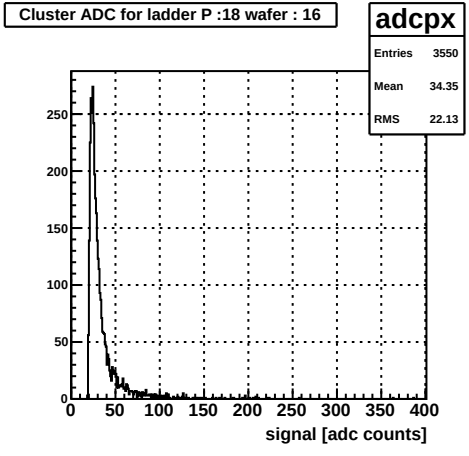

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 8746
Mean 29.25
RMS 21.57
signal [adc counts]

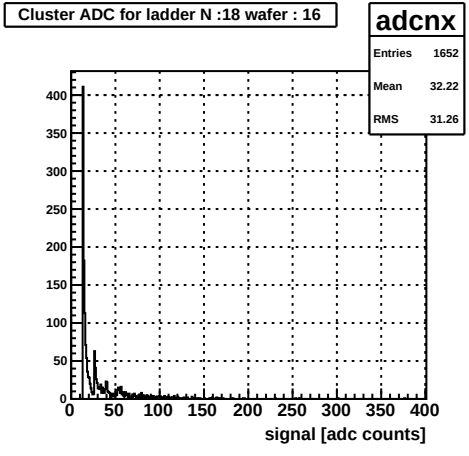

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 35
Mean 59.59
RMS 51.98
signal [adc counts]

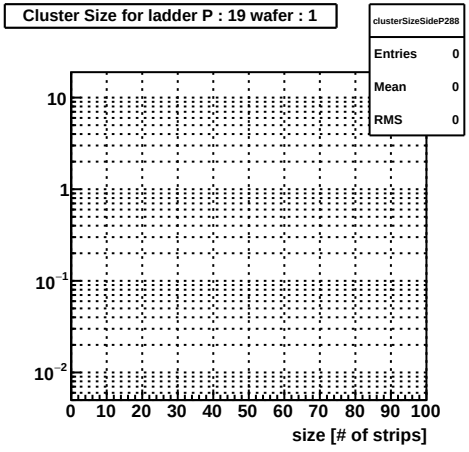

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 3550
Mean 1.099
RMS 0.3452
size [# of strips]

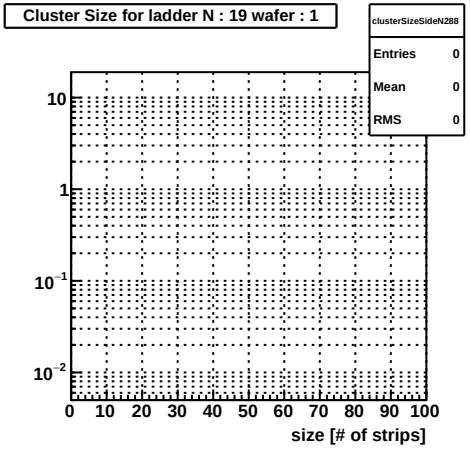

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 1652
Mean 1.956
RMS 1.575
size [# of strips]

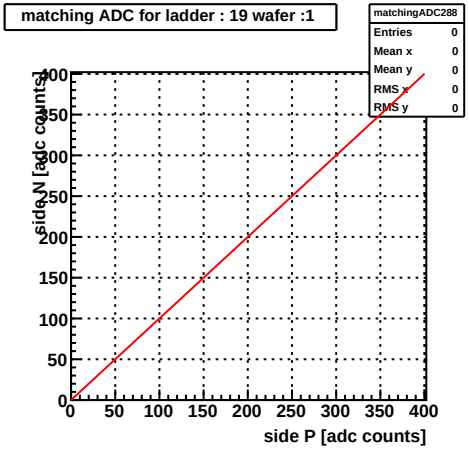

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 91
Mean x 51.39
Mean y 38.93
RMS x 44.45
RMS y 40.51
side N [adc counts]
side P [adc counts]

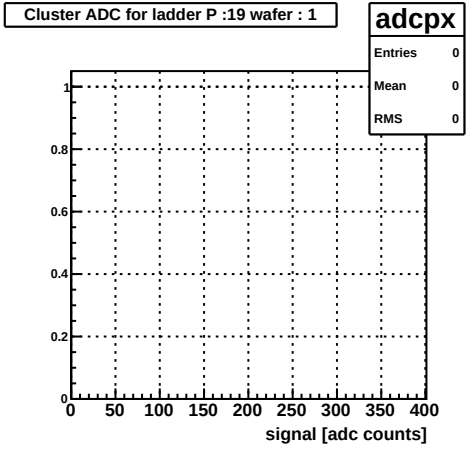

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 3550
Mean 34.35
RMS 22.13
signal [adc counts]

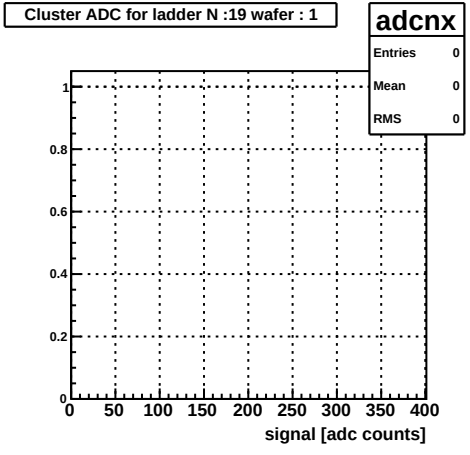

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 1652
Mean 32.22
RMS 31.26
signal [adc counts]

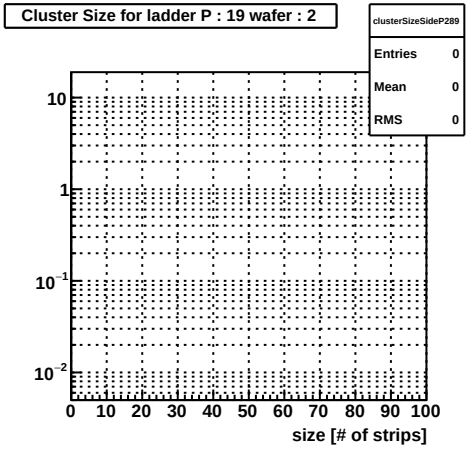

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

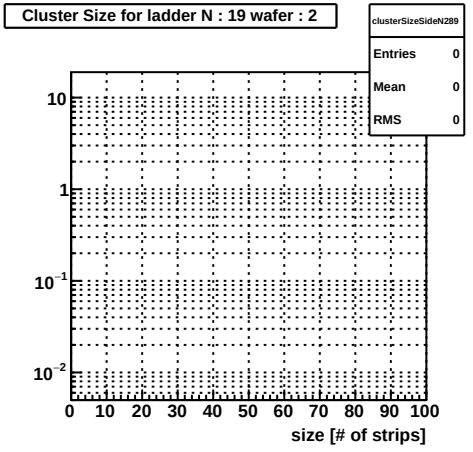

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

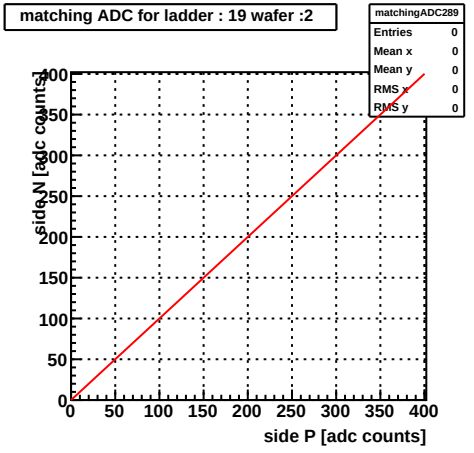

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

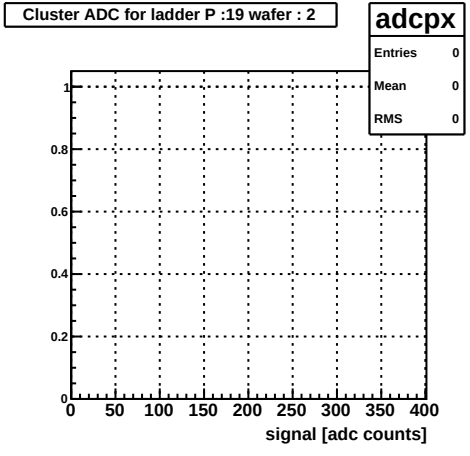

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

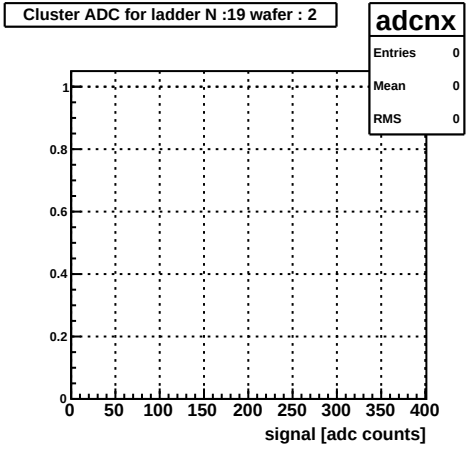

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

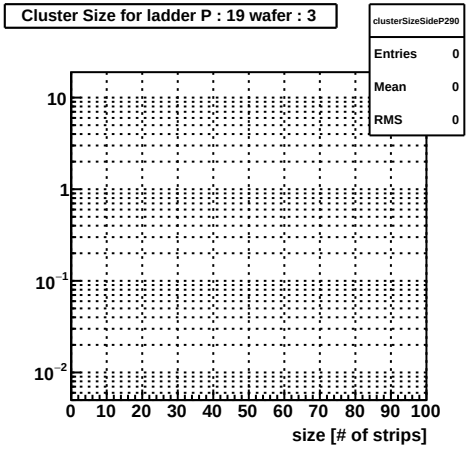

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

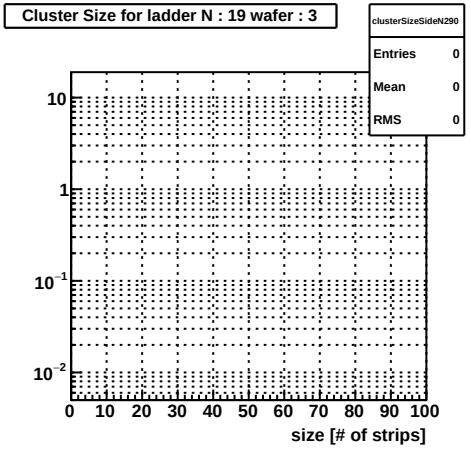

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

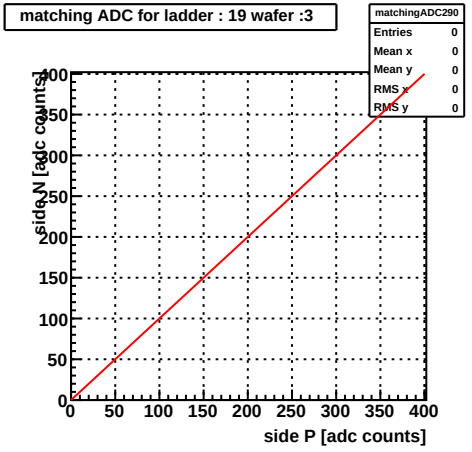

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

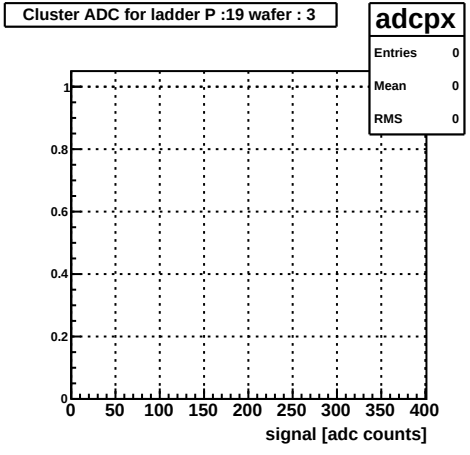

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

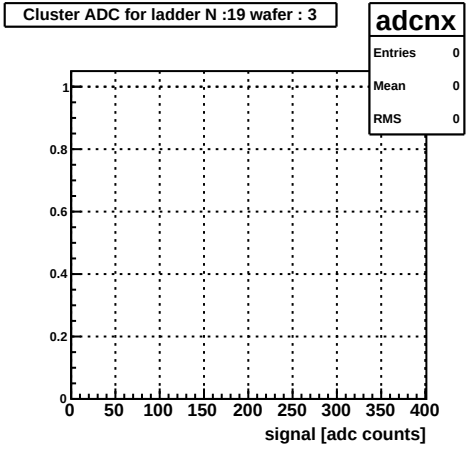

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

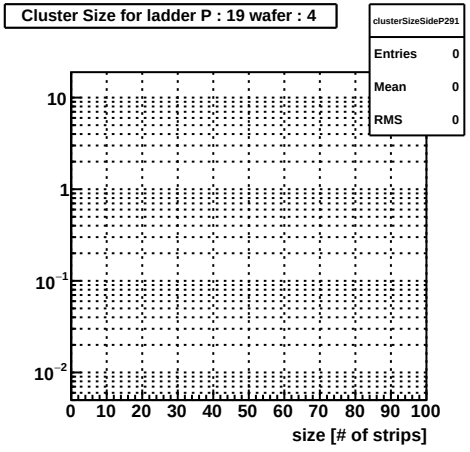

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

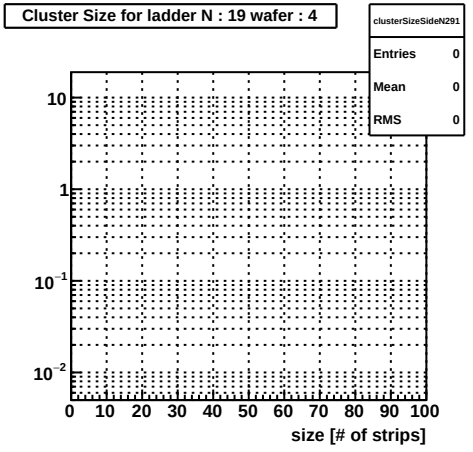

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

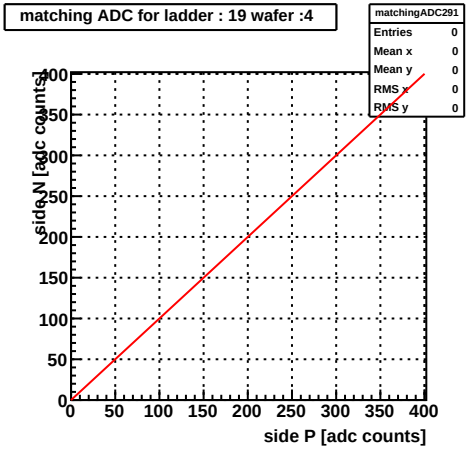

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

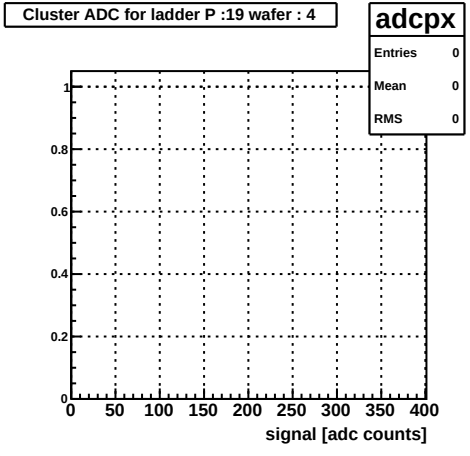

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

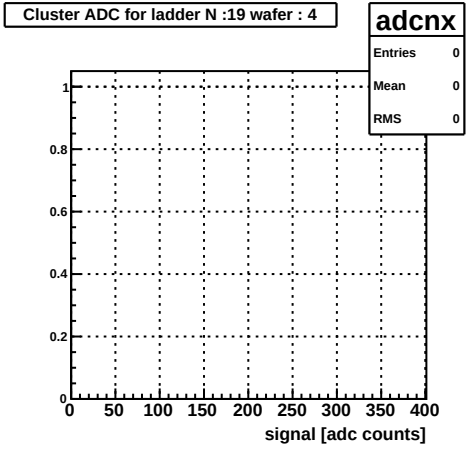

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

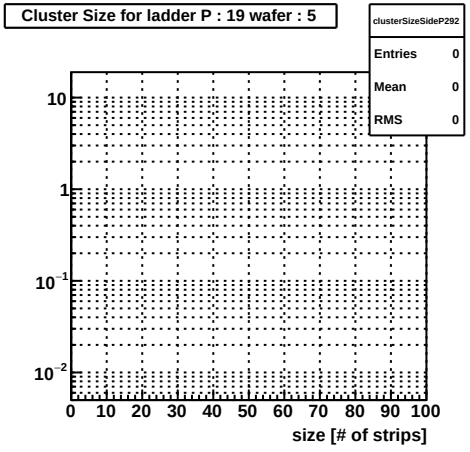

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

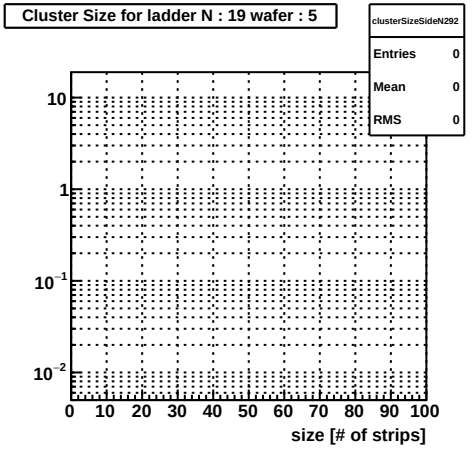

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

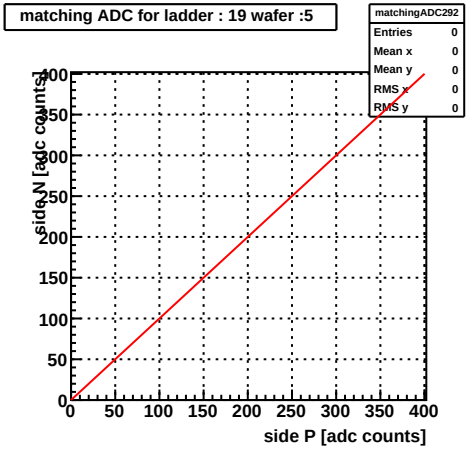

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

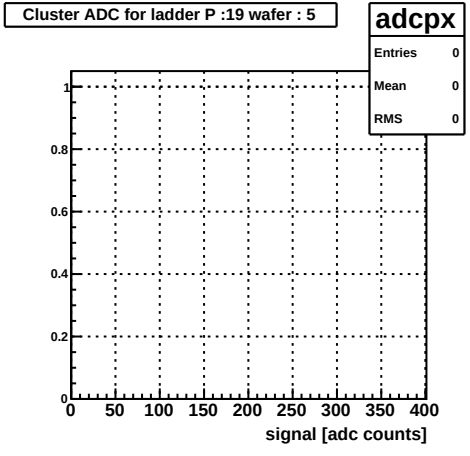

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

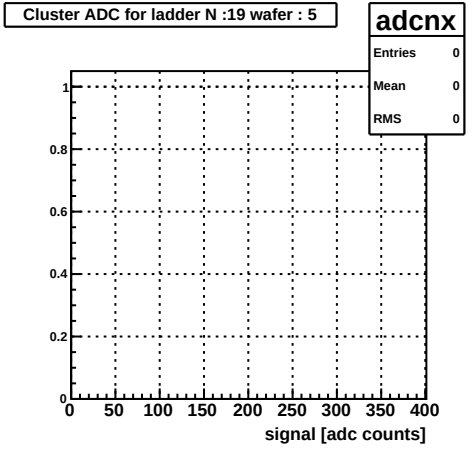

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

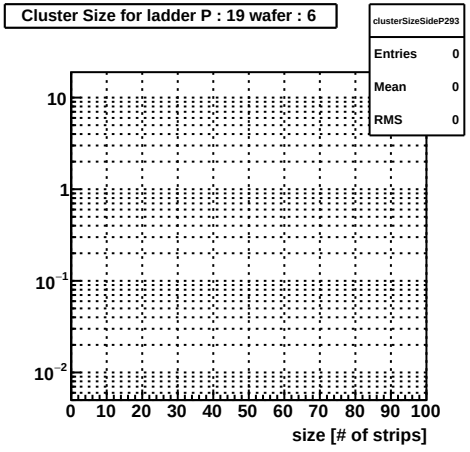

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

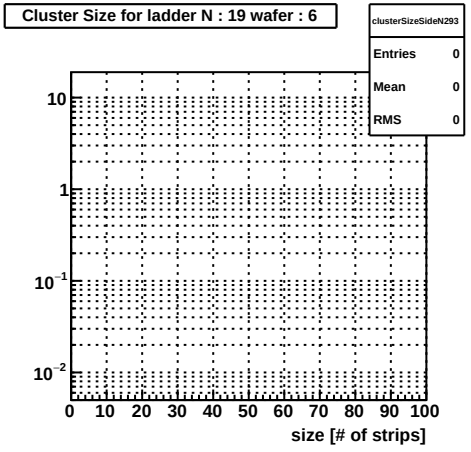

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

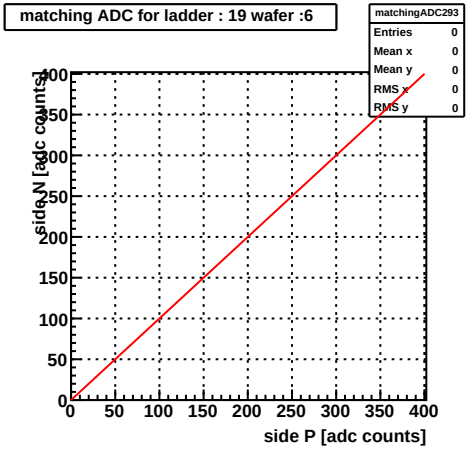

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

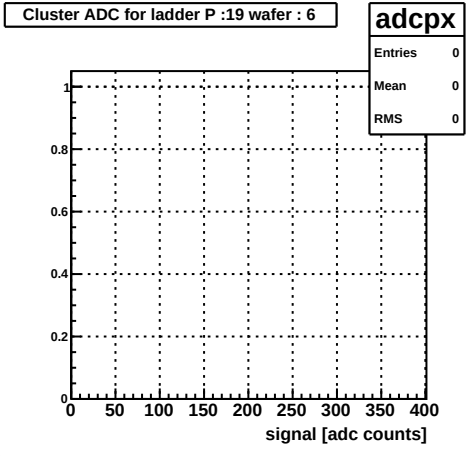

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

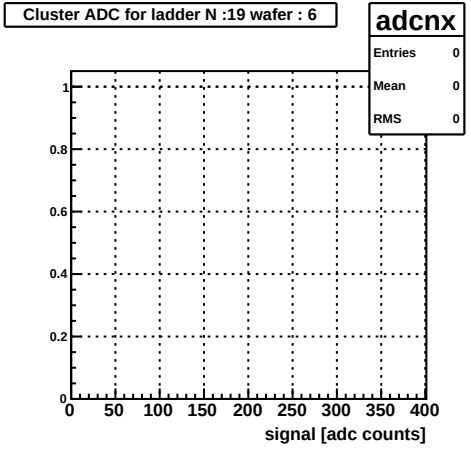

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

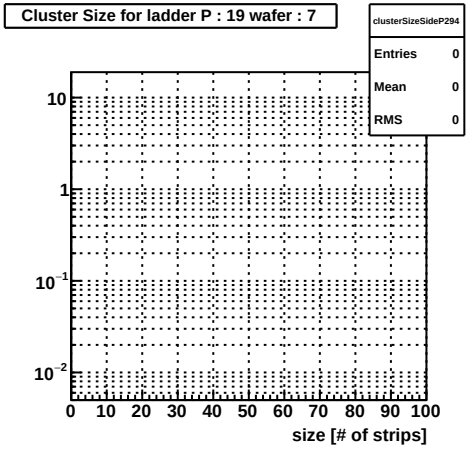

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

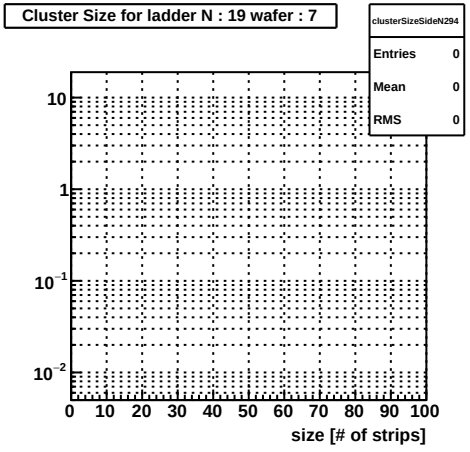

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

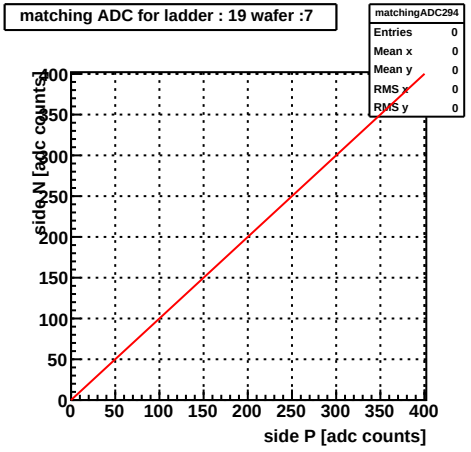

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

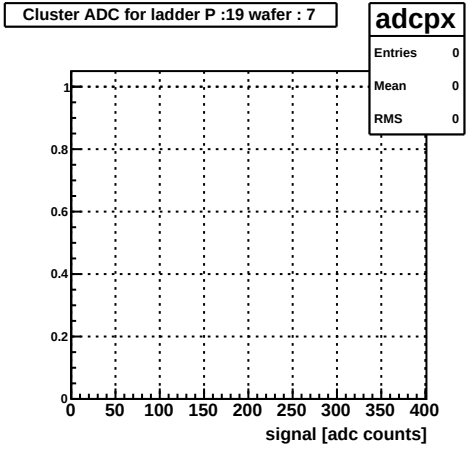

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

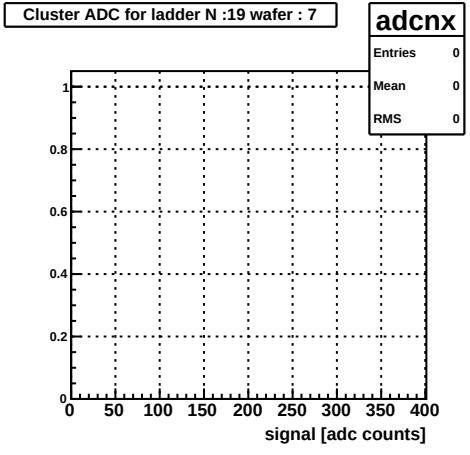

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

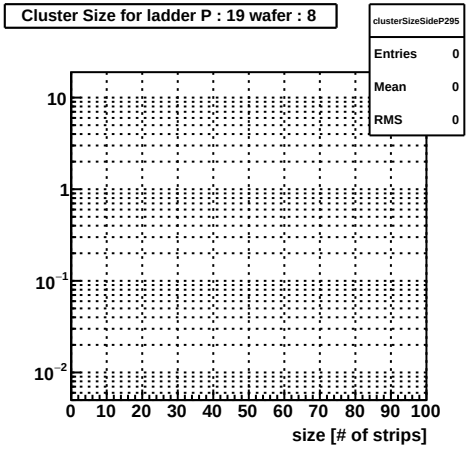

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

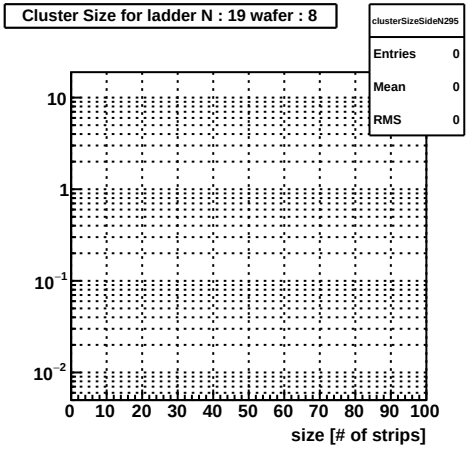

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

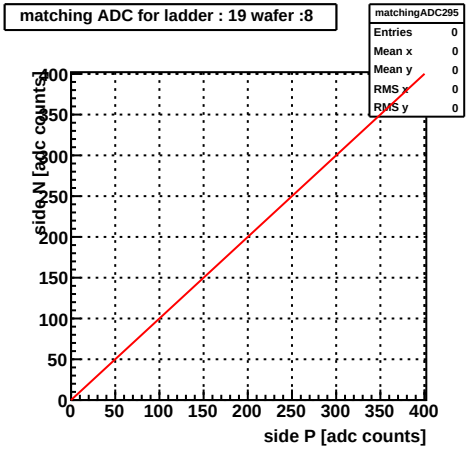

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

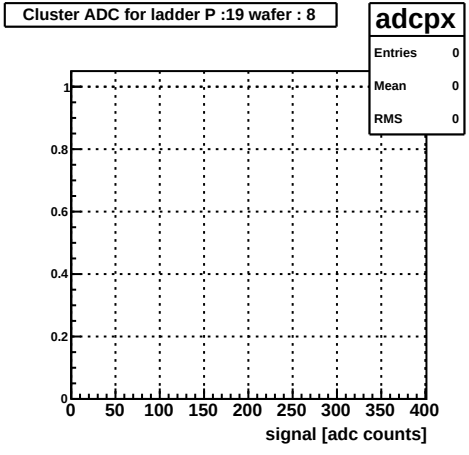

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

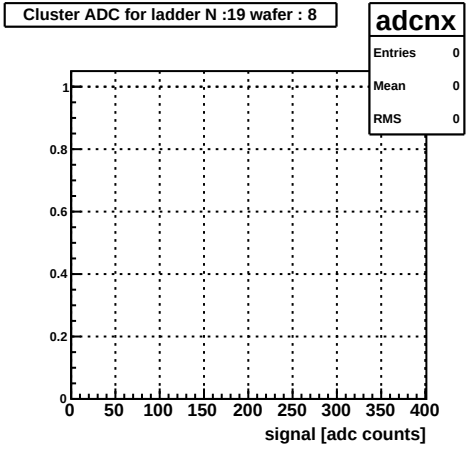

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

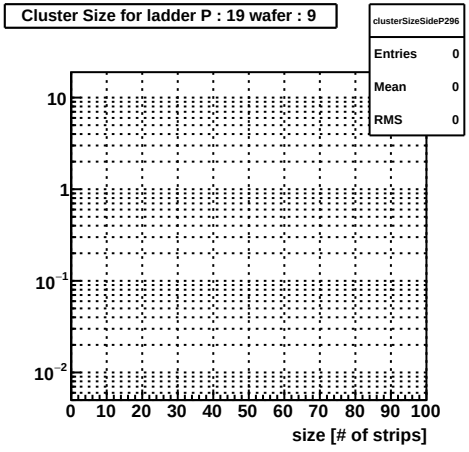

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

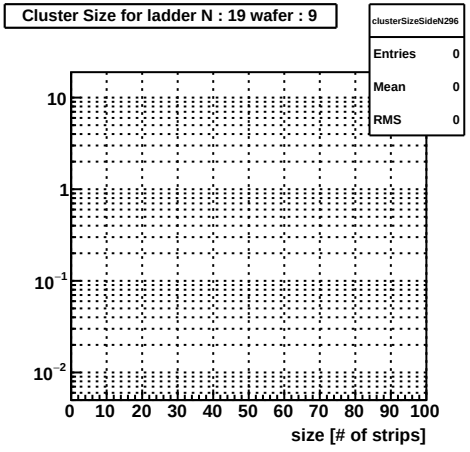

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

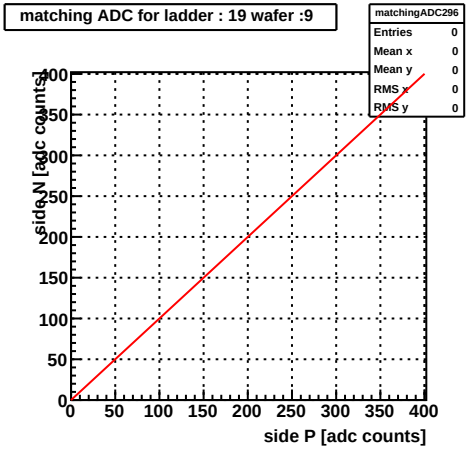

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

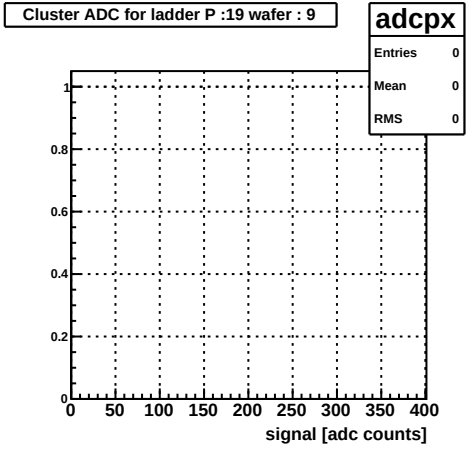

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

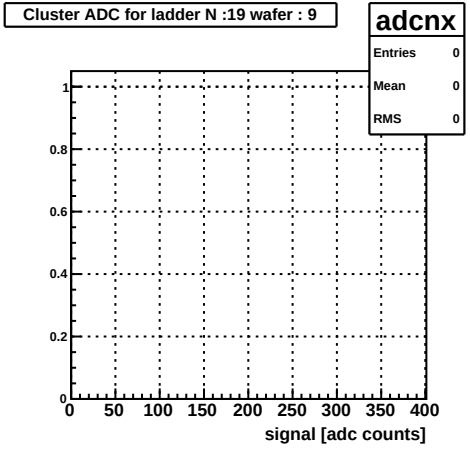

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

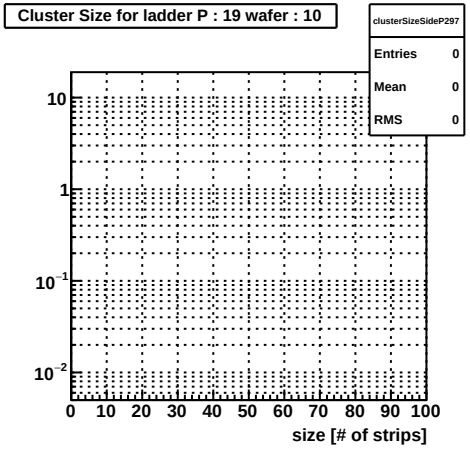

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

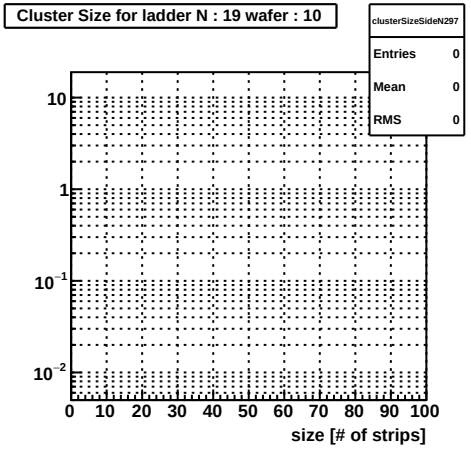

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

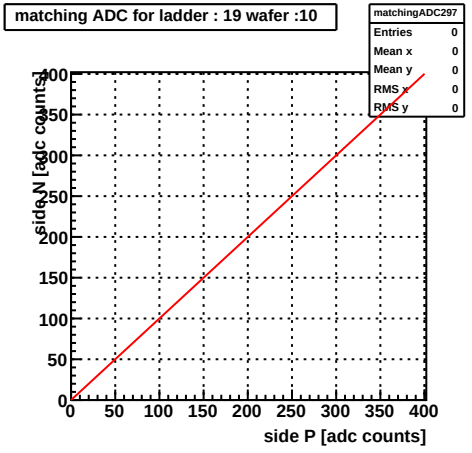

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

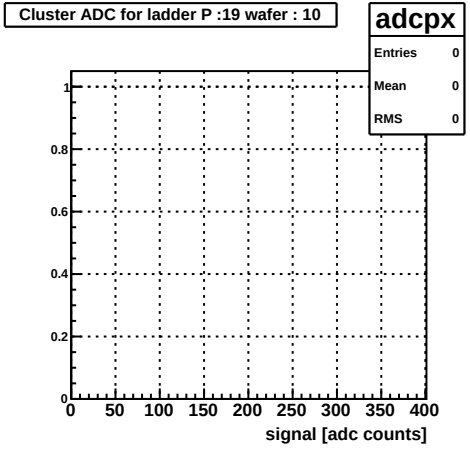

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

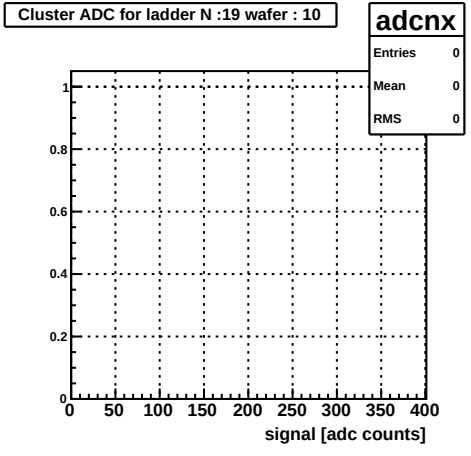

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

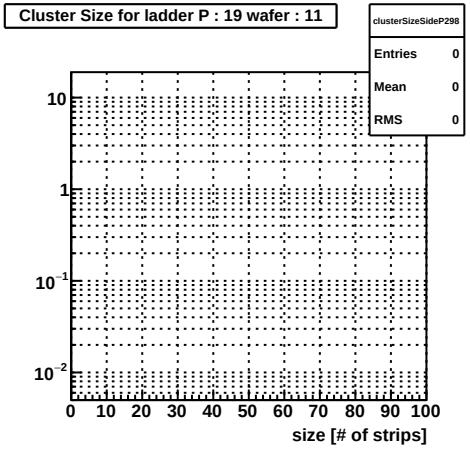

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

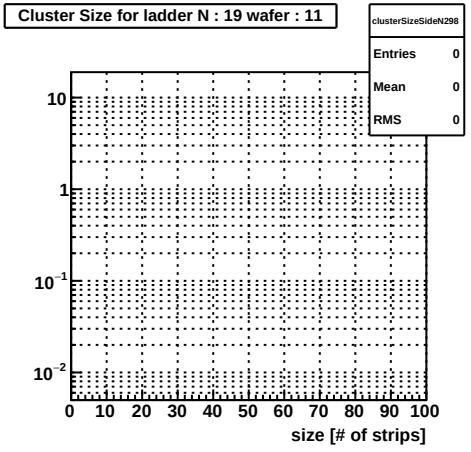

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

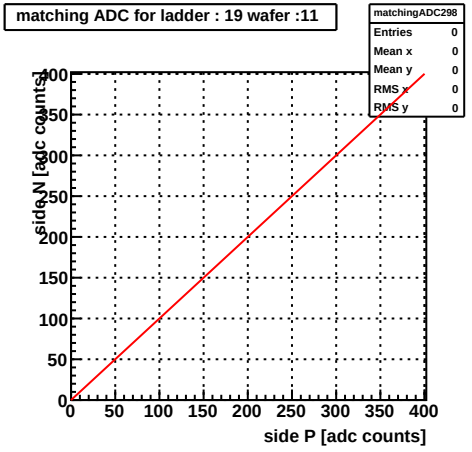

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

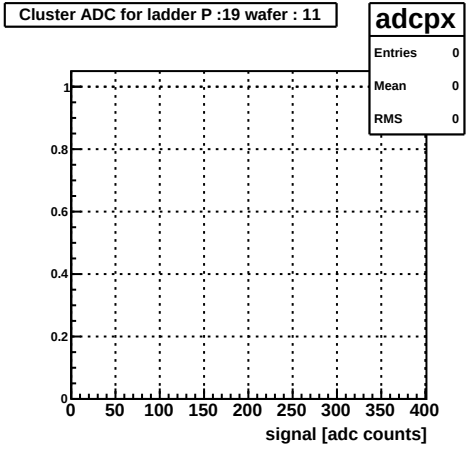

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

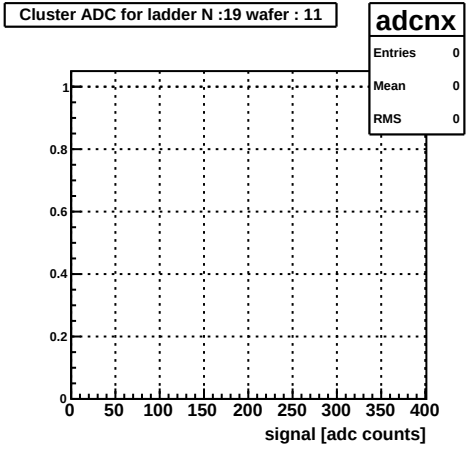

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

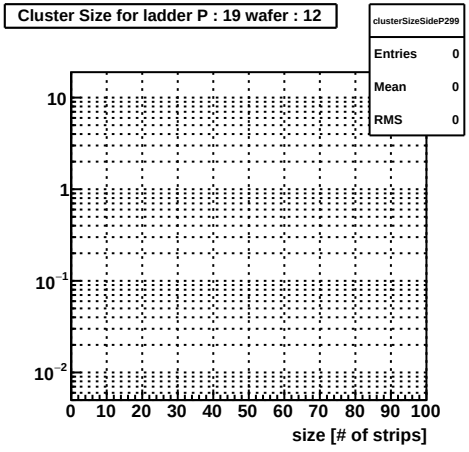

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

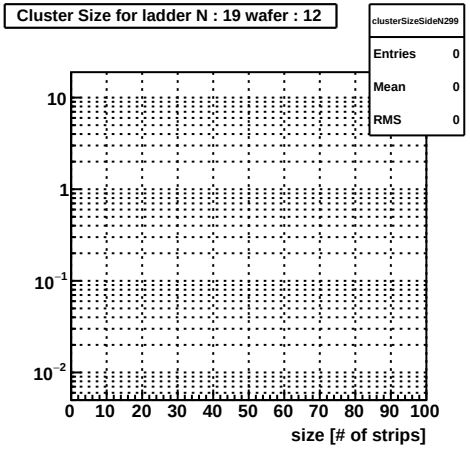

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

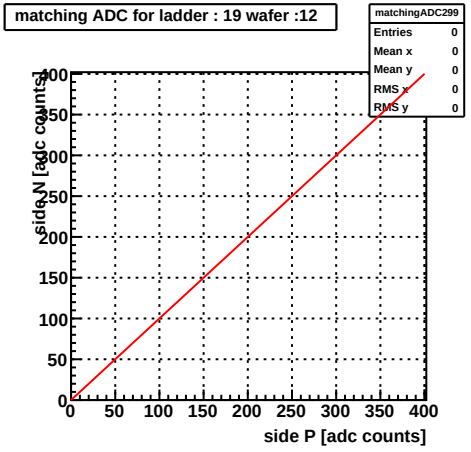

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

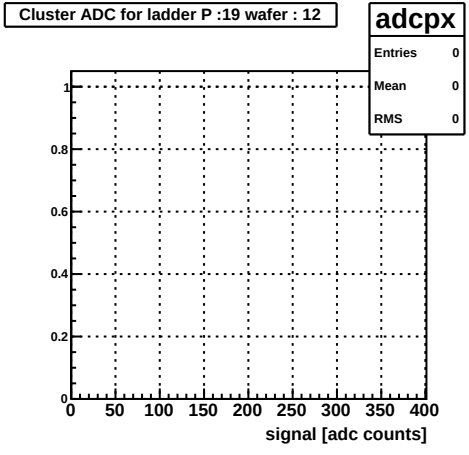

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

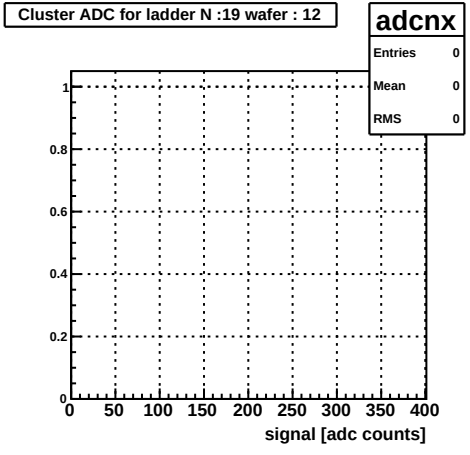

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

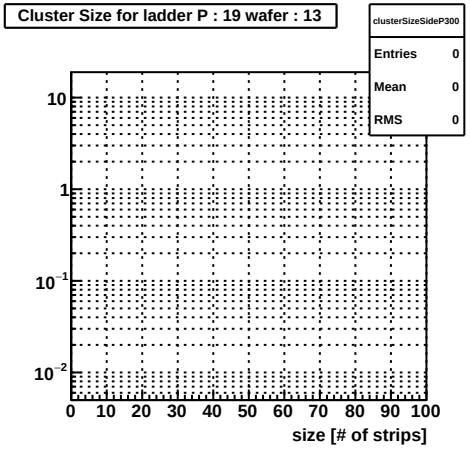

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

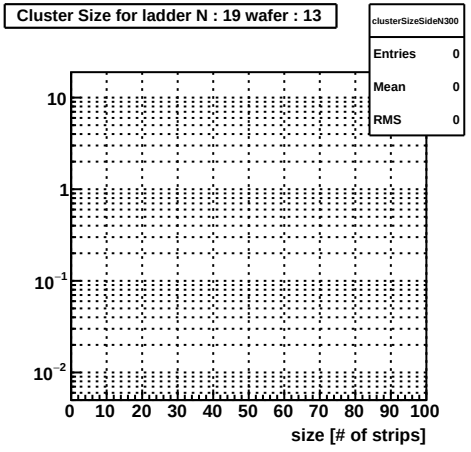

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

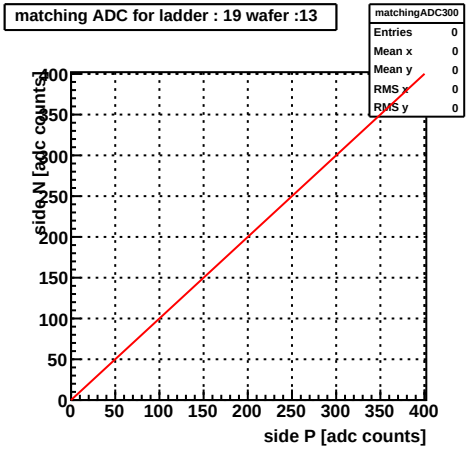

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

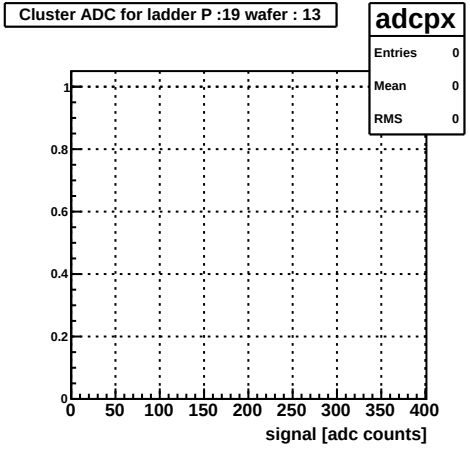

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

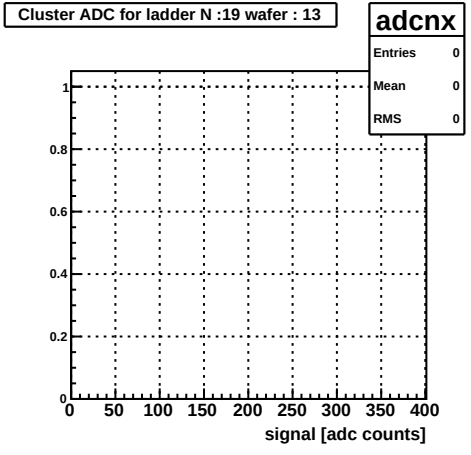

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

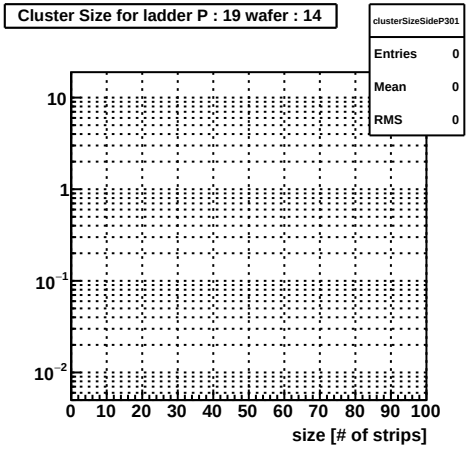

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

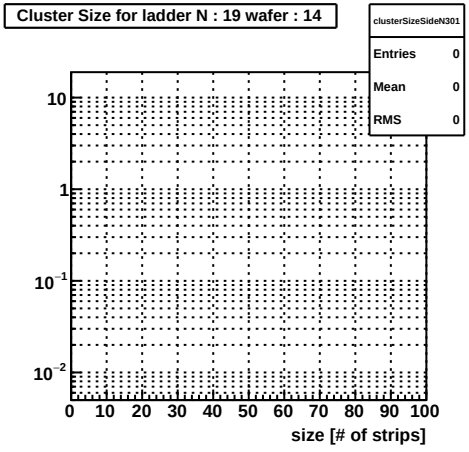

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

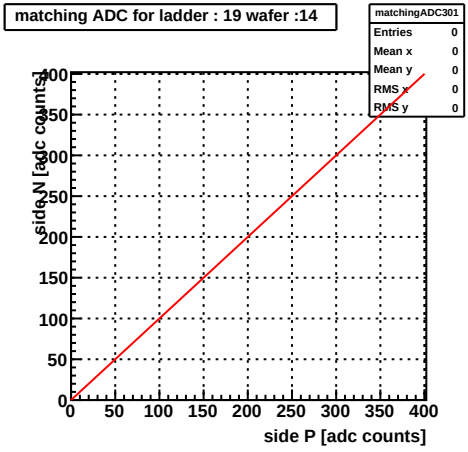

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

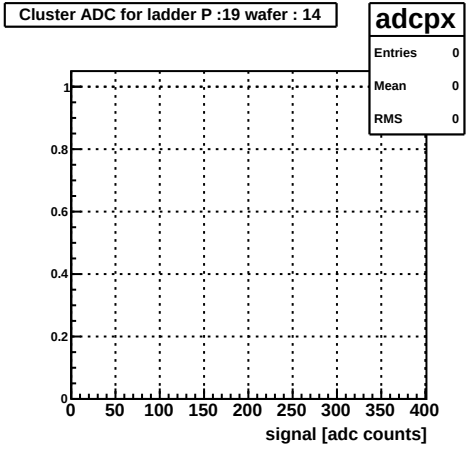

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

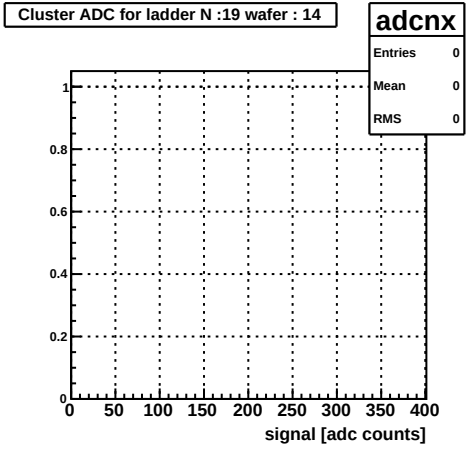

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

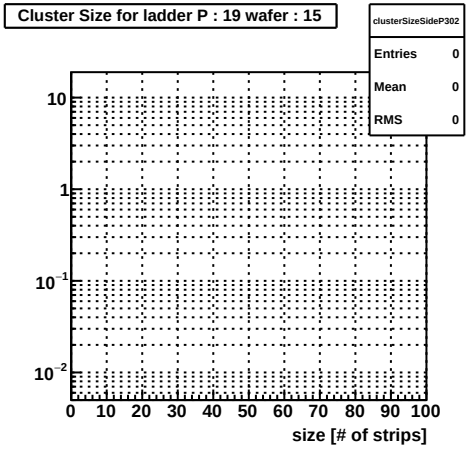

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

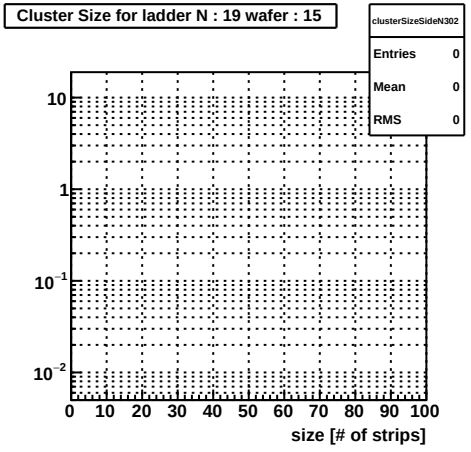

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

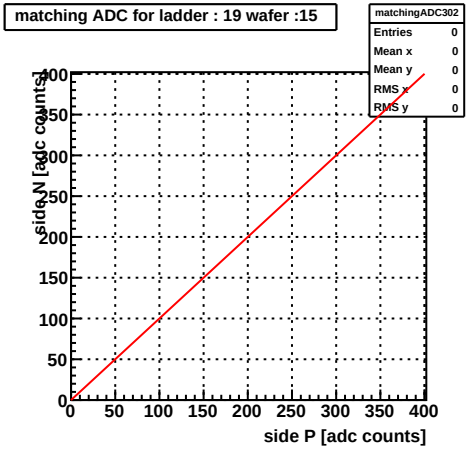

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

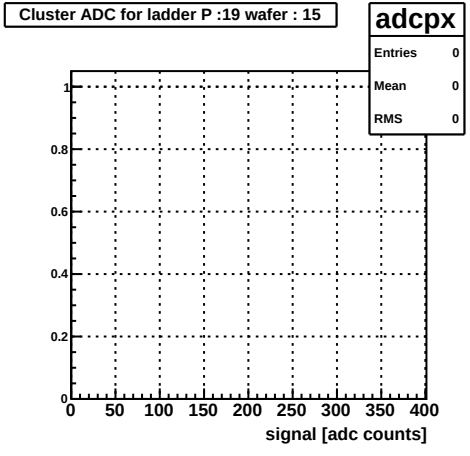

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

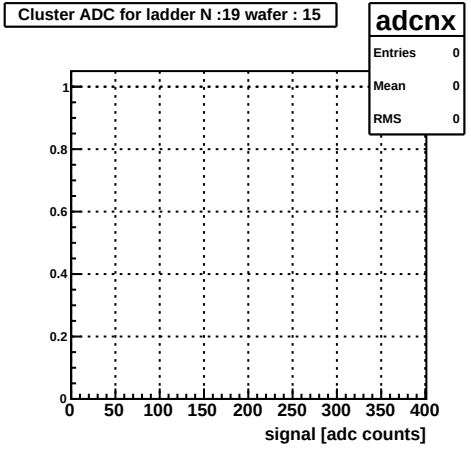

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

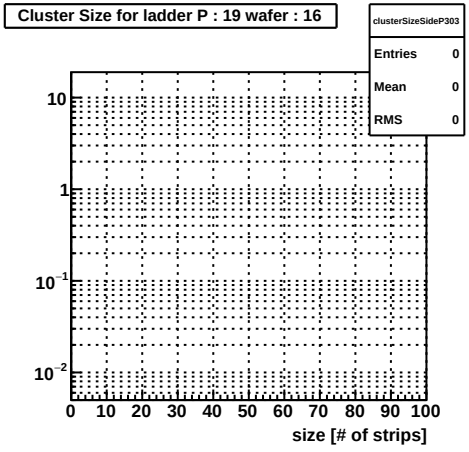

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

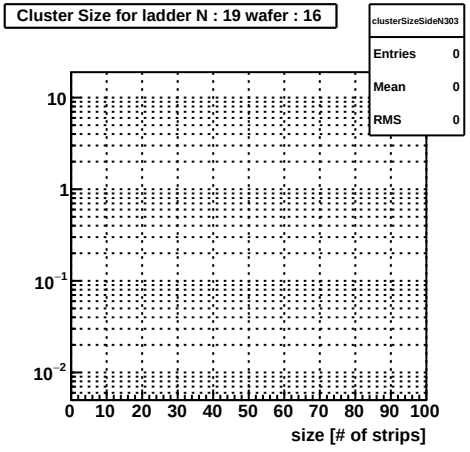

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

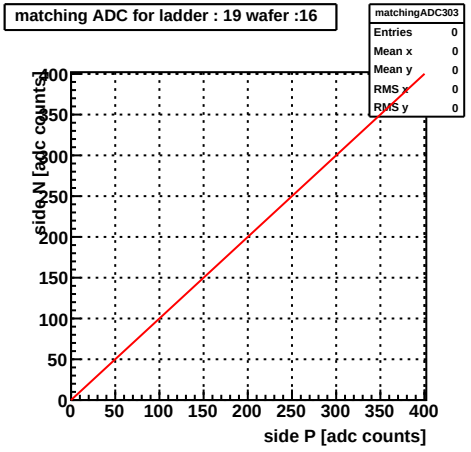

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

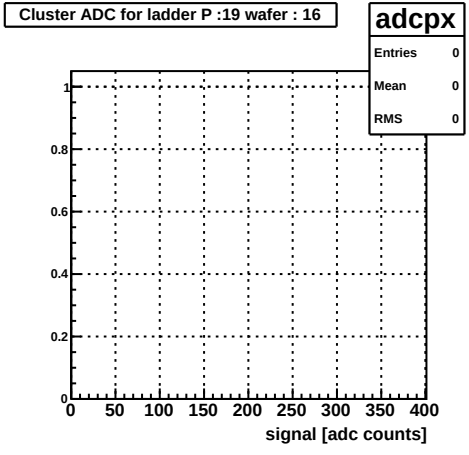

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

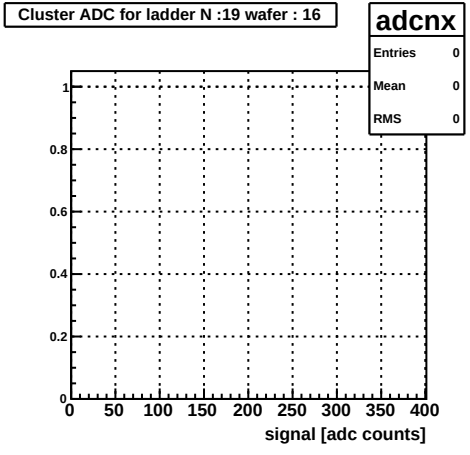

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

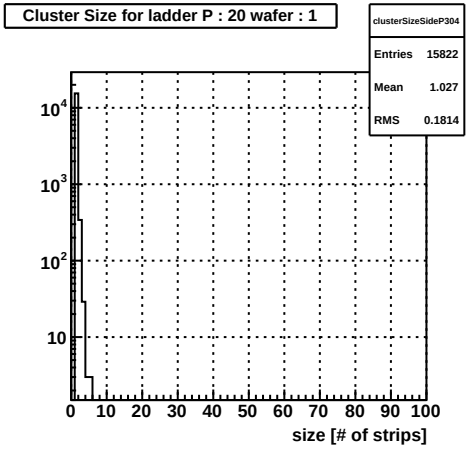

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

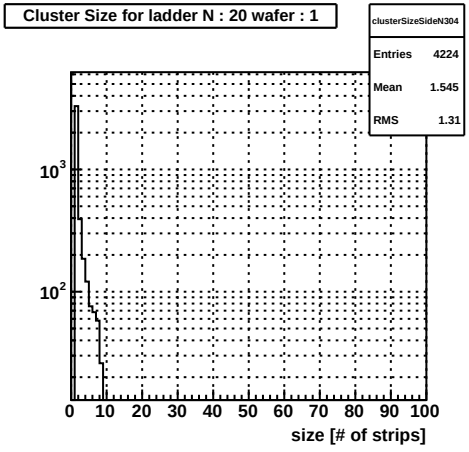

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

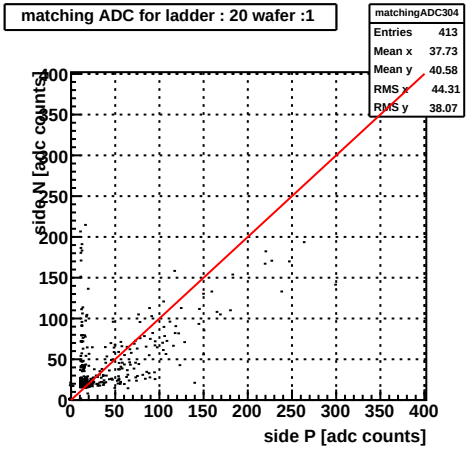

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

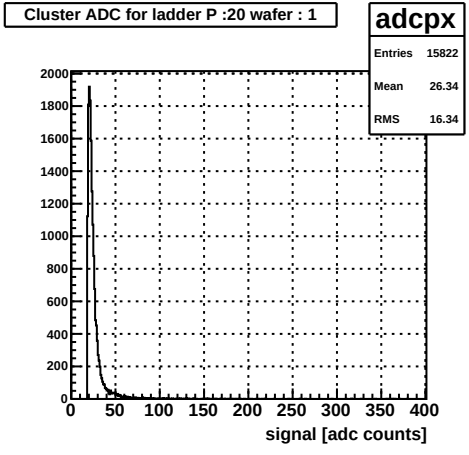

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

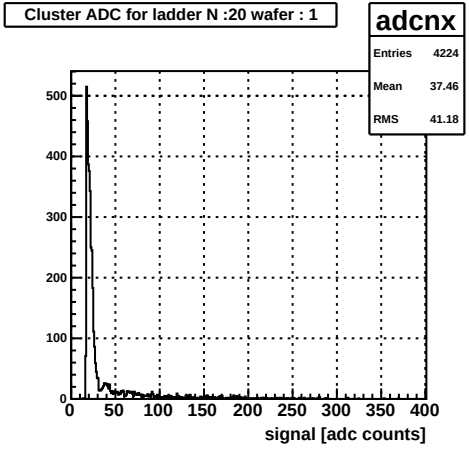

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

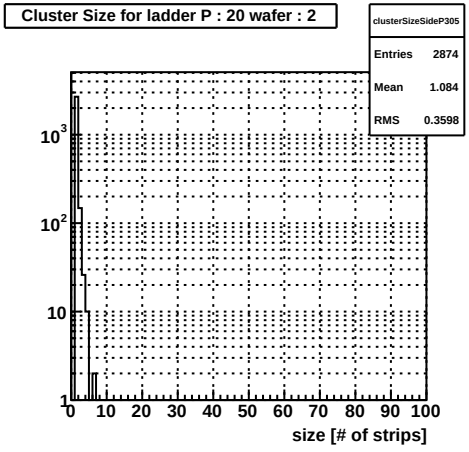

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 15822
Mean 1.027
RMS 0.1814
size [# of strips]

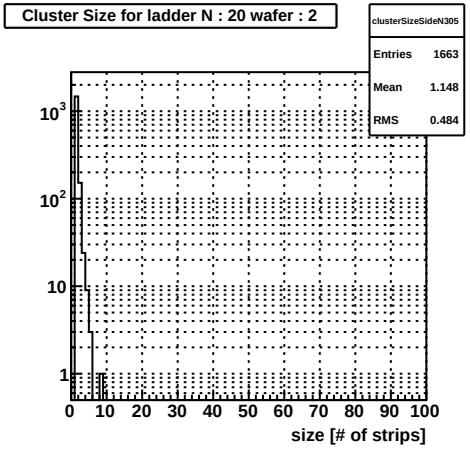

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 4224
Mean 1.545
RMS 1.31
size [# of strips]

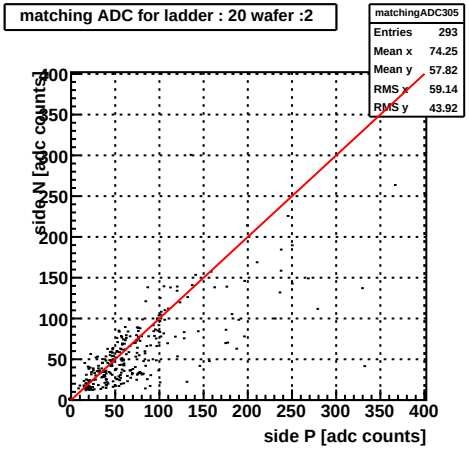

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 413
Mean x 37.73
Mean y 40.58
RMS x 44.31
RMS y 38.07
side N [adc counts]
side P [adc counts]

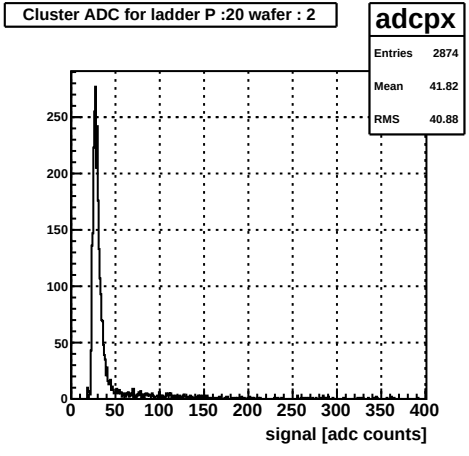

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 15822
Mean 26.34
RMS 16.34
signal [adc counts]

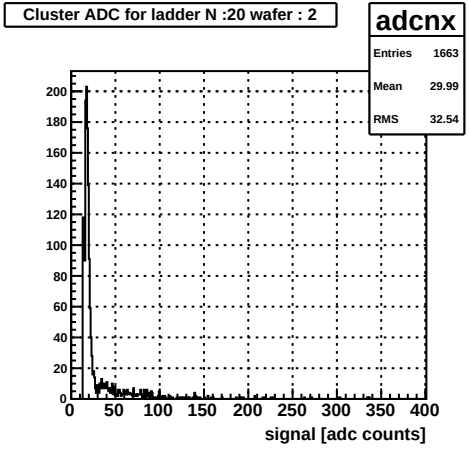

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 4224
Mean 37.46
RMS 41.18
signal [adc counts]

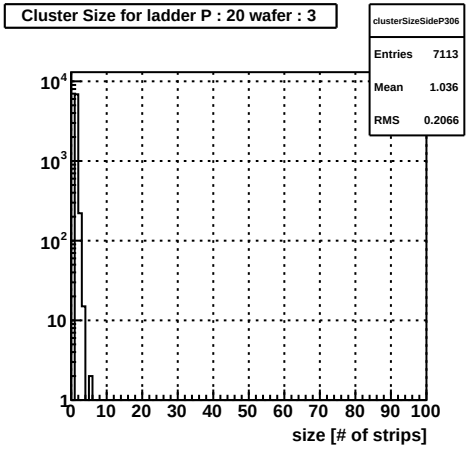

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2874
Mean 1.084
RMS 0.3598
size [# of strips]

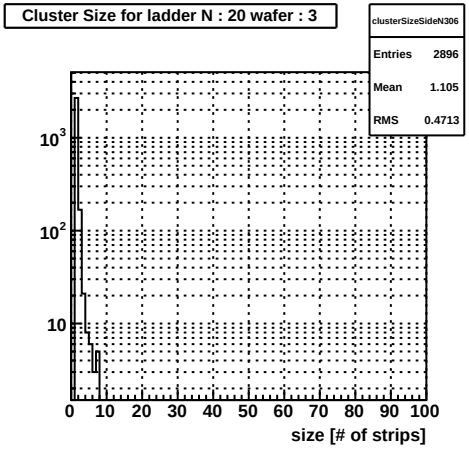

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 1663
Mean 1.148
RMS 0.484
size [# of strips]

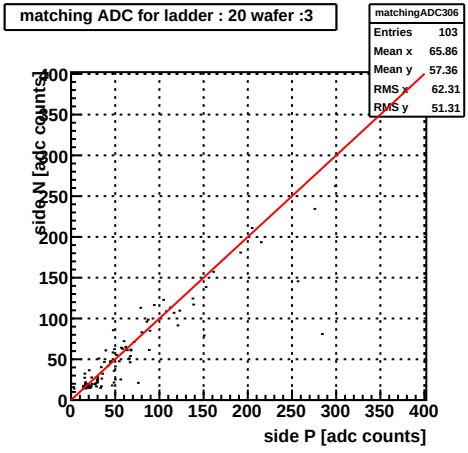

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 293
Mean x 74.25
Mean y 57.82
RMS x 59.14
RMS y 43.92
side N [adc counts]
side P [adc counts]

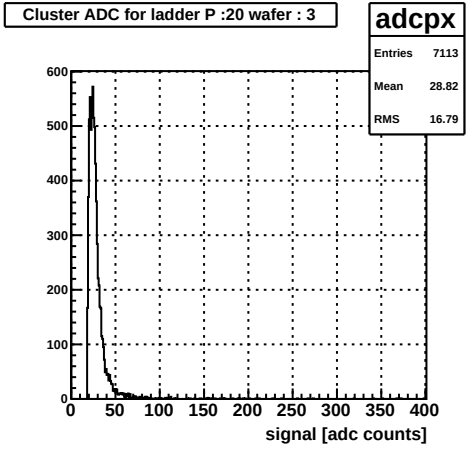

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2874
Mean 41.82
RMS 40.88
signal [adc counts]

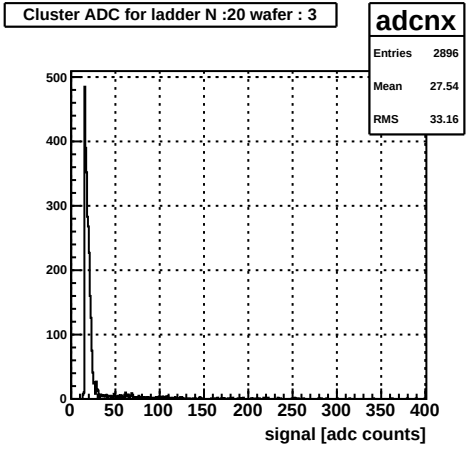

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 1663
Mean 29.99
RMS 32.54
signal [adc counts]

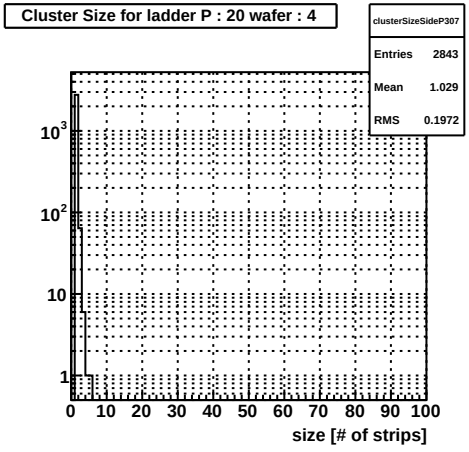

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 7113
Mean 1.036
RMS 0.2066
size [# of strips]

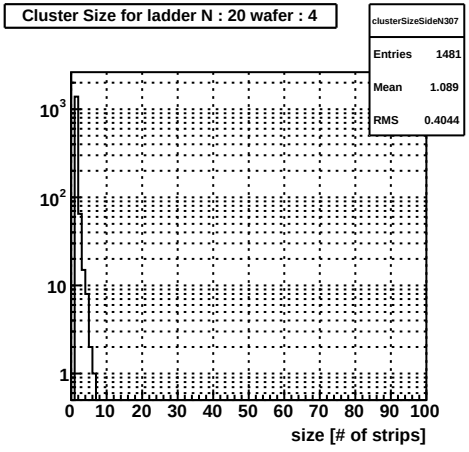

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 2896
Mean 1.105
RMS 0.4713
size [# of strips]

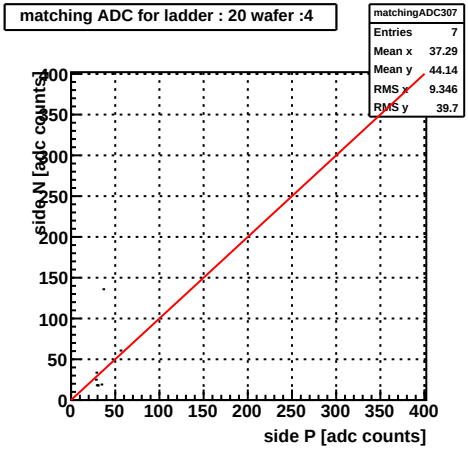

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 103
Mean x 65.86
Mean y 57.36
RMS x 62.31
RMS y 51.31
side N [adc counts]
side P [adc counts]

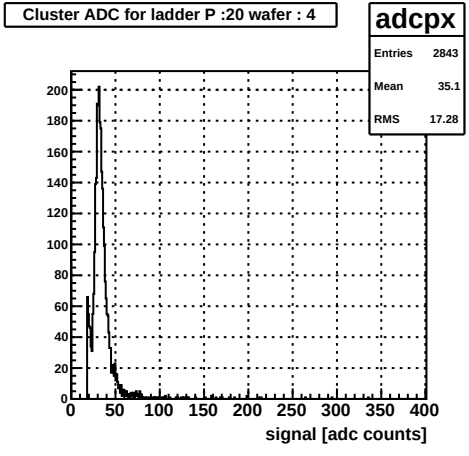

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 7113
Mean 28.82
RMS 16.79
signal [adc counts]

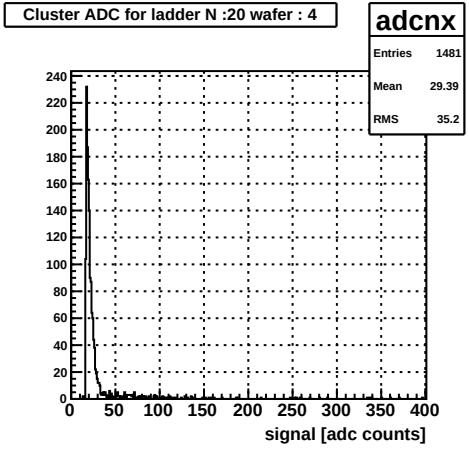

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 2896
Mean 27.54
RMS 33.16
signal [adc counts]

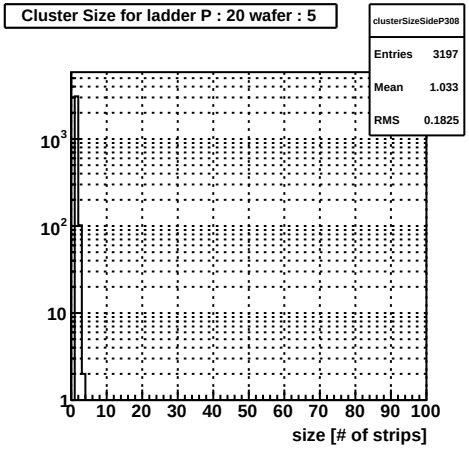

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 2843
Mean 1.029
RMS 0.1972
size [# of strips]

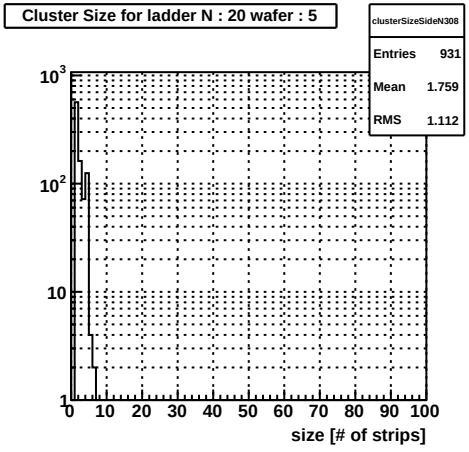

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 1481
Mean 1.089
RMS 0.4044
size [# of strips]

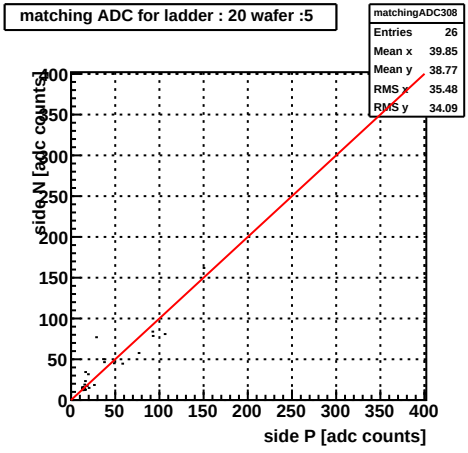

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 7
Mean x 37.29
Mean y 44.14
RMS x 9.346
RMS y 39.7
side N [adc counts]
side P [adc counts]

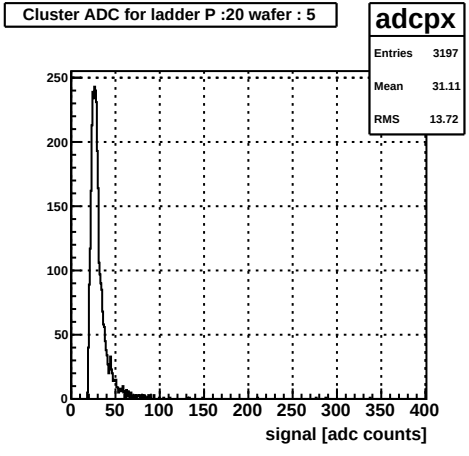

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 2843
Mean 35.1
RMS 17.28
signal [adc counts]

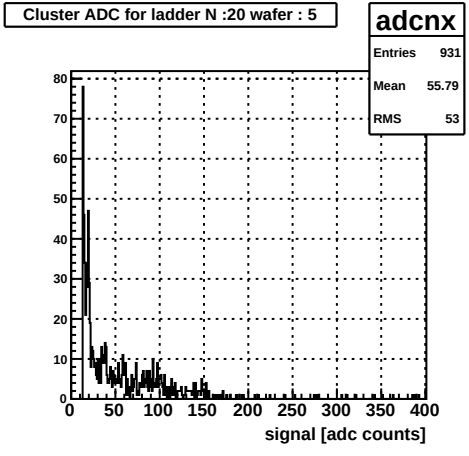

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 1481
Mean 29.39
RMS 35.2
signal [adc counts]

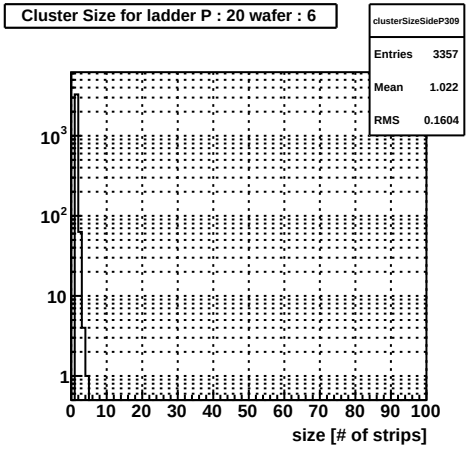

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 3197
Mean 1.033
RMS 0.1825
size [# of strips]

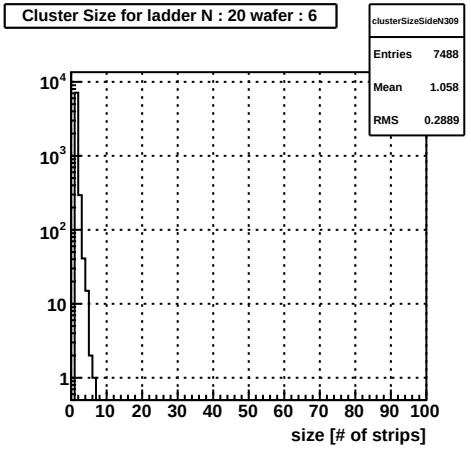

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 931
Mean 1.759
RMS 1.112
size [# of strips]

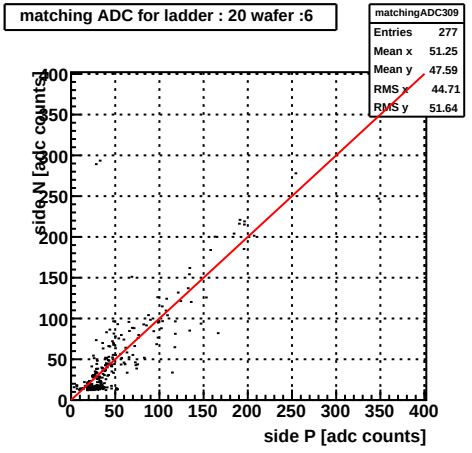

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 26
Mean x 39.85
Mean y 38.77
RMS x 35.48
RMS y 34.09
side N [adc counts]
side P [adc counts]

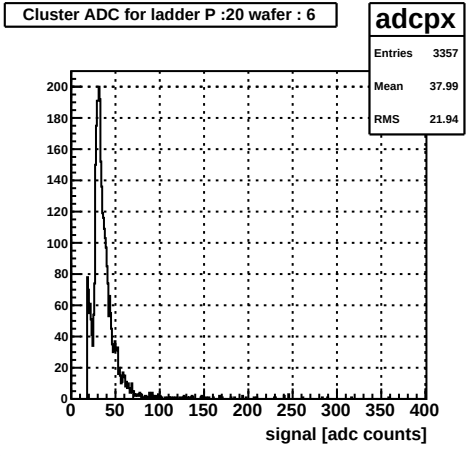

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 3197
Mean 31.11
RMS 13.72
signal [adc counts]

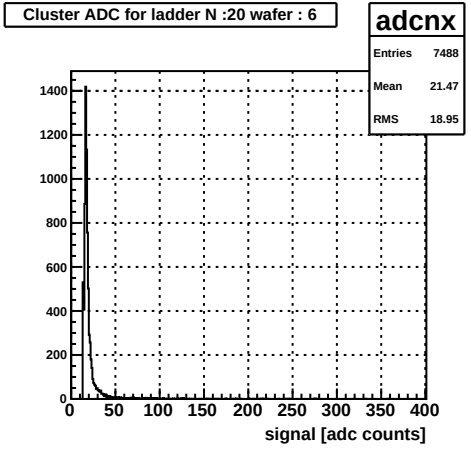

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 931
Mean 55.79
RMS 53
signal [adc counts]

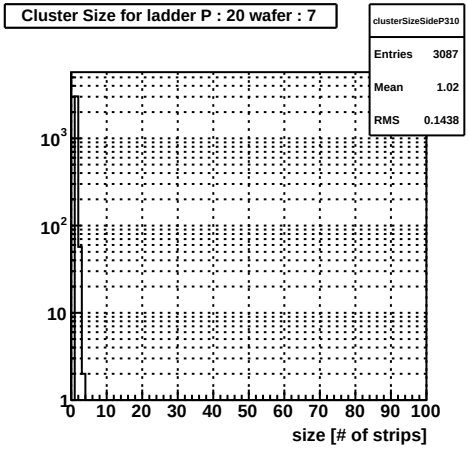

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 3357
Mean 1.022
RMS 0.1604
size [# of strips]

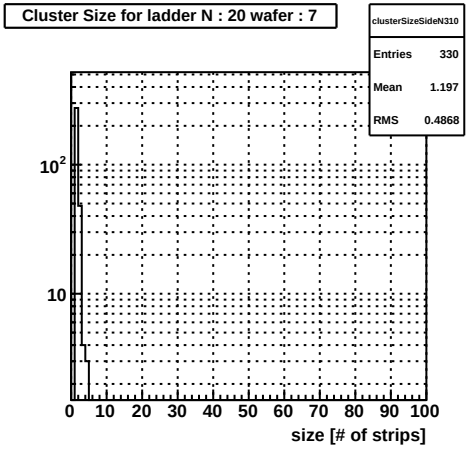

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 7488
Mean 1.058
RMS 0.2889
size [# of strips]

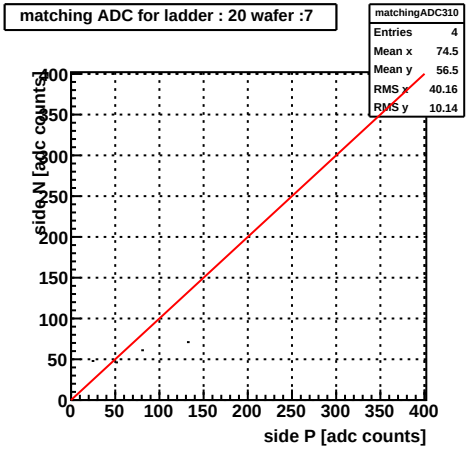

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 277
Mean x 51.25
Mean y 47.59
RMS x 44.71
RMS y 51.64
side N [adc counts]
side P [adc counts]

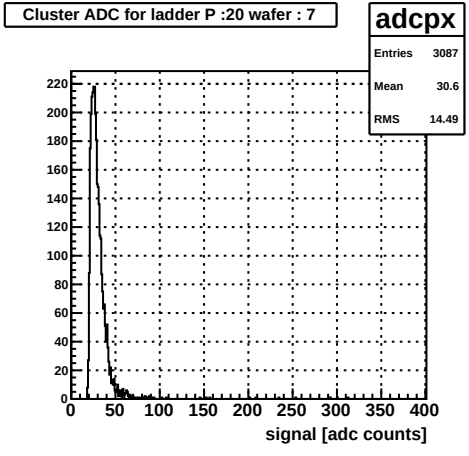

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 3357
Mean 37.99
RMS 21.94
signal [adc counts]

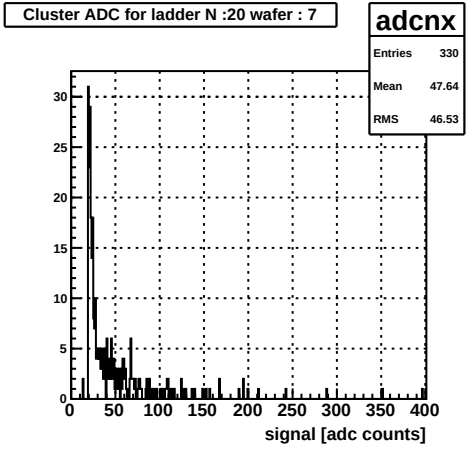

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 7488
Mean 21.47
RMS 18.95
signal [adc counts]

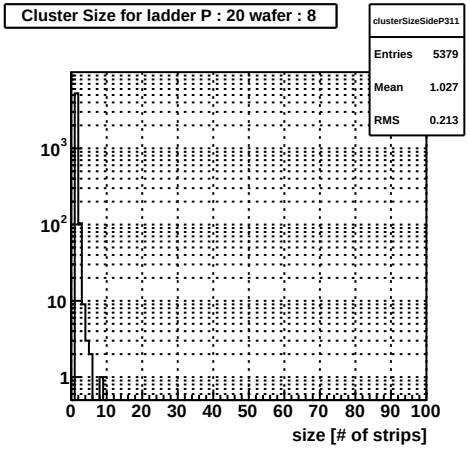

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 3087
Mean 1.02
RMS 0.1438
size [# of strips]

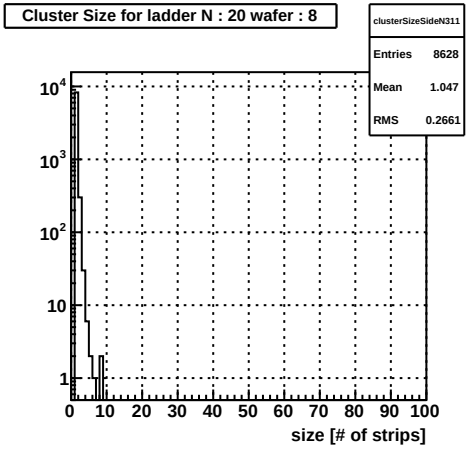

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 330
Mean 1.197
RMS 0.4868
size [# of strips]

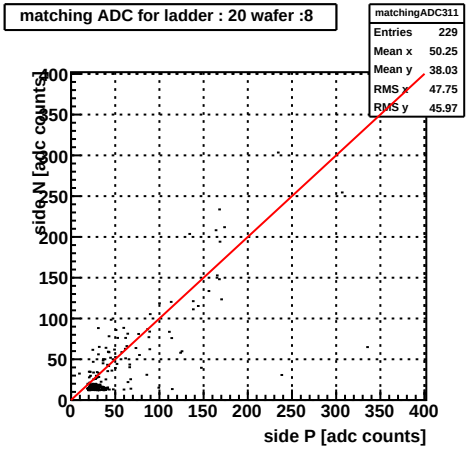

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 4
Mean x 74.5
Mean y 56.5
RMS x 40.16
RMS y 10.14
side N [adc counts]
side P [adc counts]

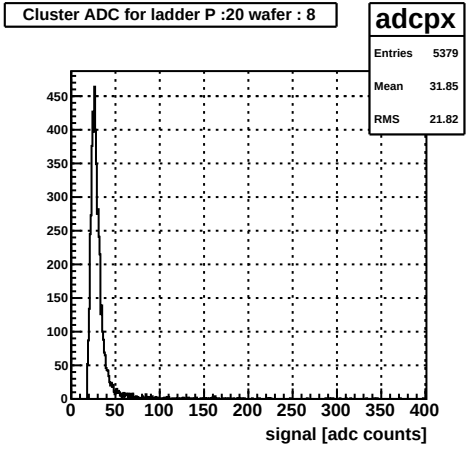

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 3087
Mean 30.6
RMS 14.49
signal [adc counts]

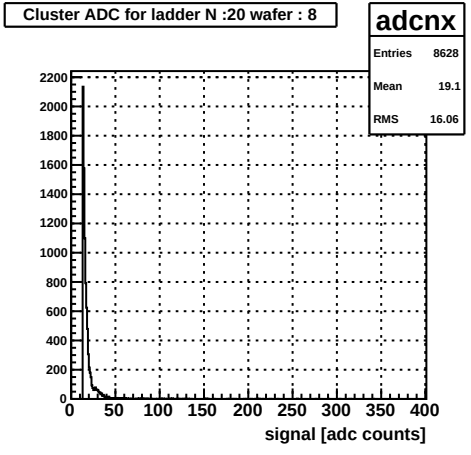

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 330
Mean 47.64
RMS 46.53
signal [adc counts]

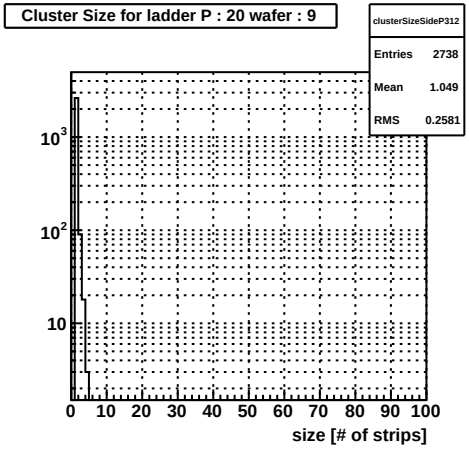

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 5379
Mean 1.027
RMS 0.213
size [# of strips]

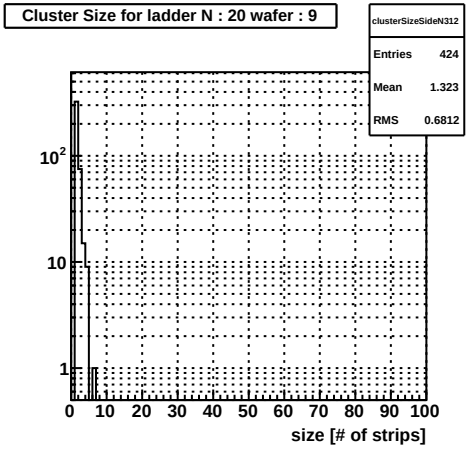

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 8628
Mean 1.047
RMS 0.2661
size [# of strips]

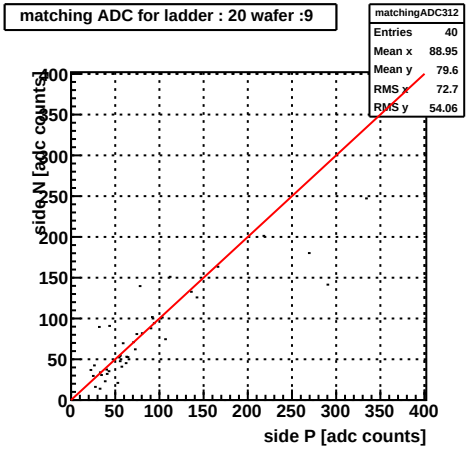

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 229
Mean x 50.25
Mean y 38.03
RMS x 47.75
RMS y 45.97
side N [adc counts]
side P [adc counts]

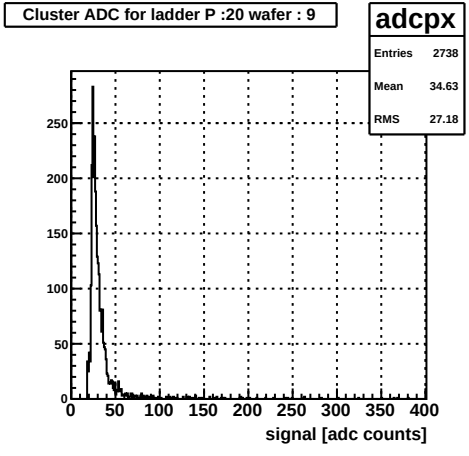

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 5379
Mean 31.85
RMS 21.82
signal [adc counts]

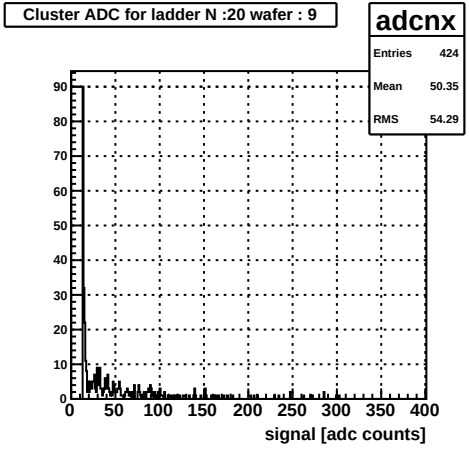

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 8628
Mean 19.1
RMS 16.06
signal [adc counts]

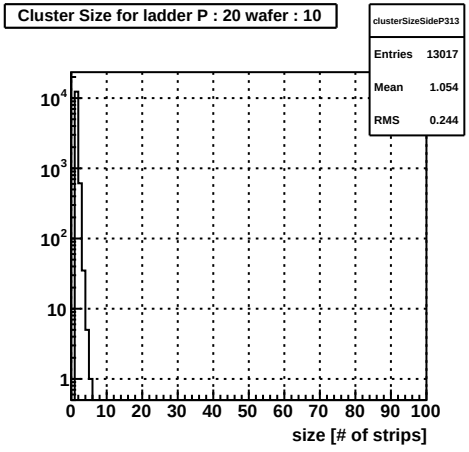

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 2738
Mean 1.049
RMS 0.2581
size [# of strips]

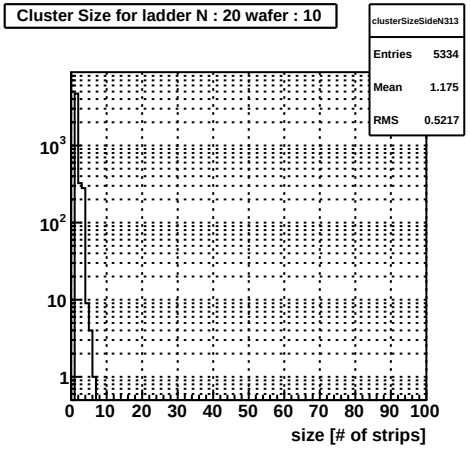

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 424
Mean 1.323
RMS 0.6812
size [# of strips]

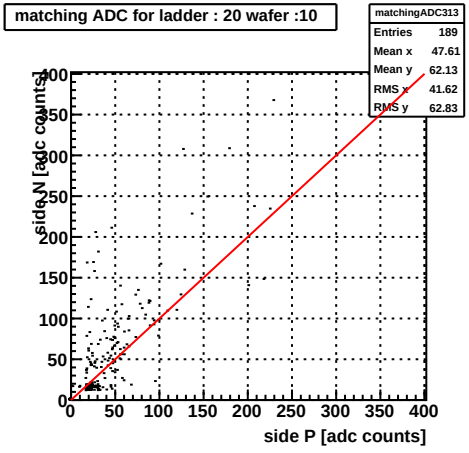

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 40
Mean x 88.95
Mean y 79.6
RMS x 72.7
RMS y 54.06
side N [adc counts]
side P [adc counts]

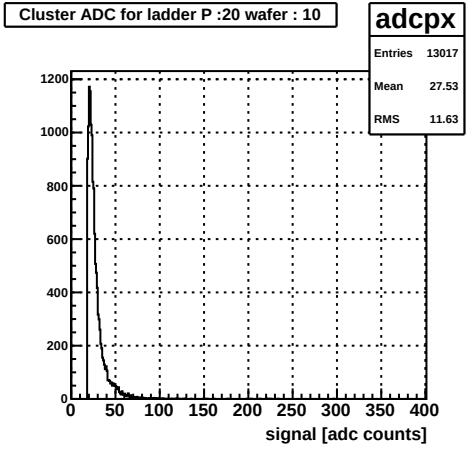

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 2738
Mean 34.63
RMS 27.18
signal [adc counts]

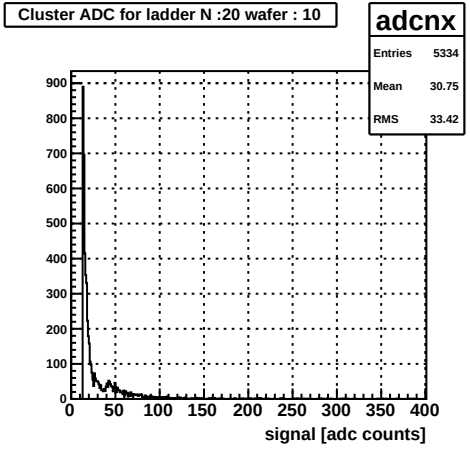

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 424
Mean 50.35
RMS 54.29
signal [adc counts]

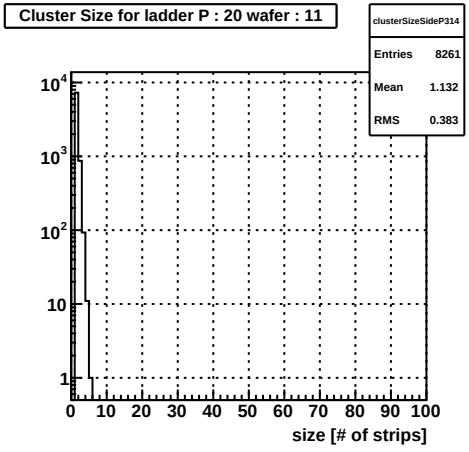

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 13017
Mean 1.054
RMS 0.244
size [# of strips]

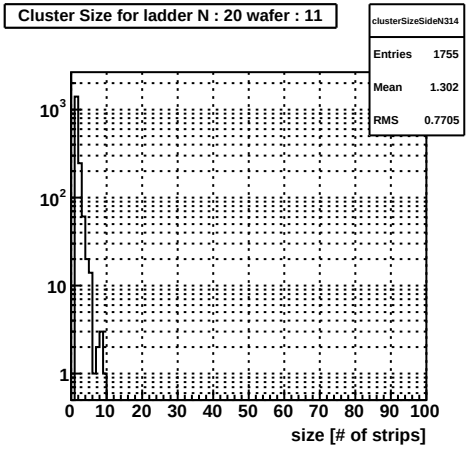

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 5334
Mean 1.175
RMS 0.5217
size [# of strips]

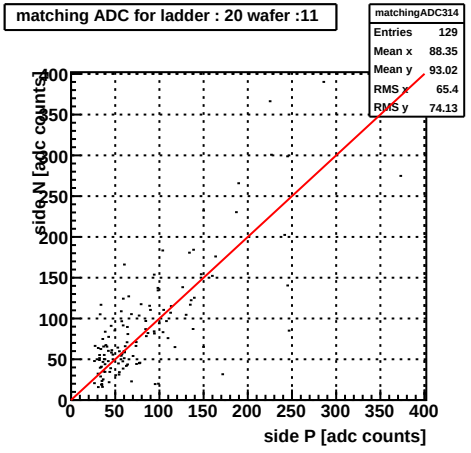

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 189
Mean x 47.61
Mean y 62.13
RMS x 41.62
RMS y 62.83
side N [adc counts]
side P [adc counts]

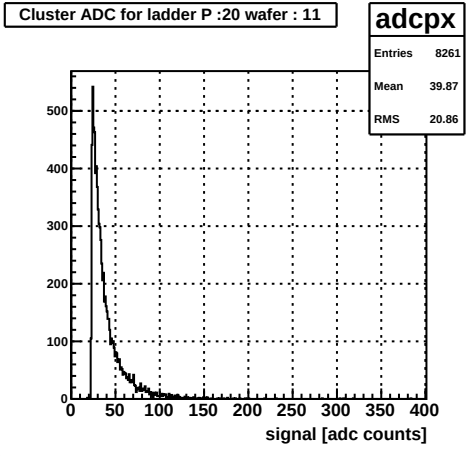

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 13017
Mean 27.53
RMS 11.63
signal [adc counts]

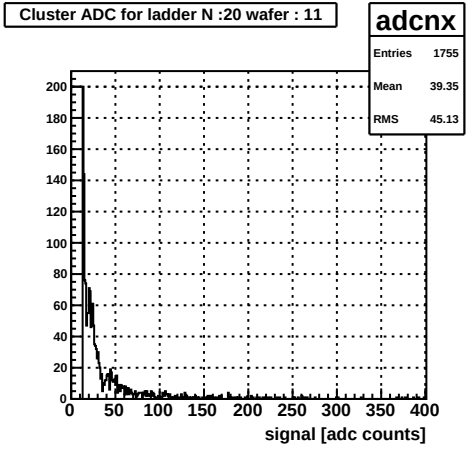

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 5334
Mean 30.75
RMS 33.42
signal [adc counts]

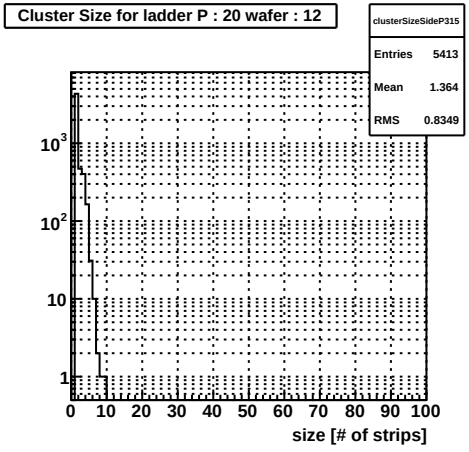

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 8261
Mean 1.132
RMS 0.383
size [# of strips]

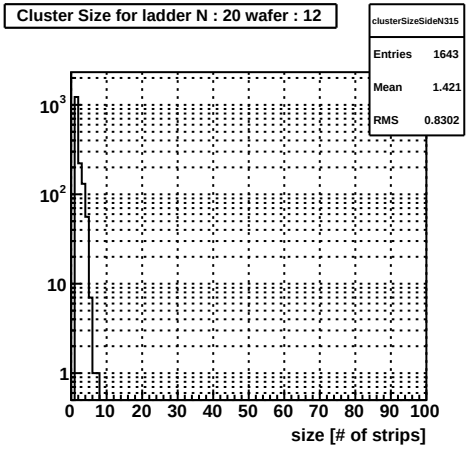

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 1755
Mean 1.302
RMS 0.7705
size [# of strips]

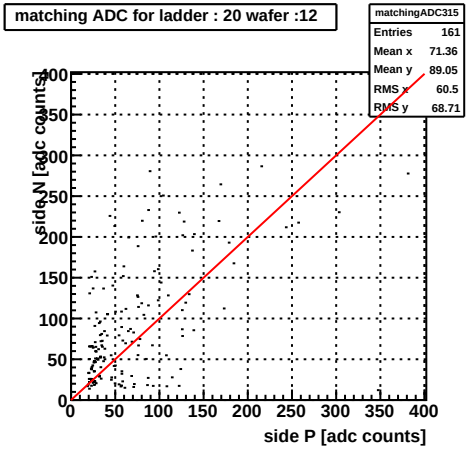

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 129
Mean x 88.35
Mean y 93.02
RMS x 65.4
RMS y 74.13
side N [adc counts]
side P [adc counts]

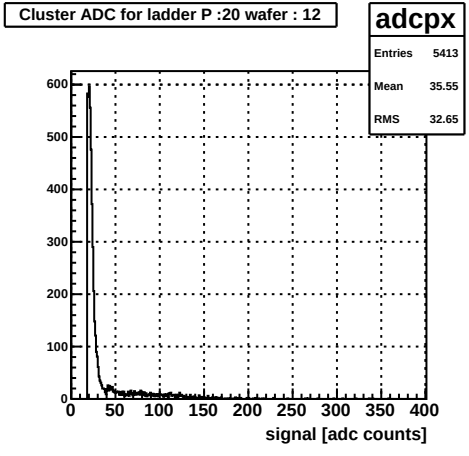

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 8261
Mean 39.87
RMS 20.86
signal [adc counts]

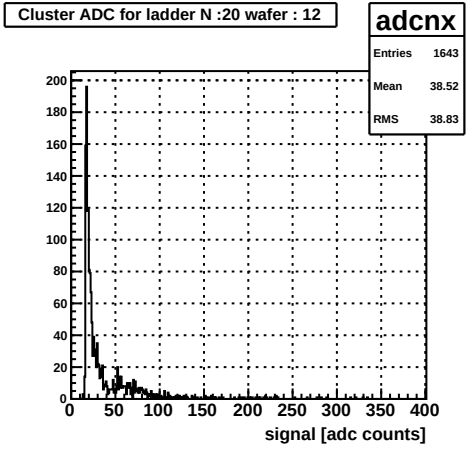

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 1755
Mean 39.35
RMS 45.13
signal [adc counts]

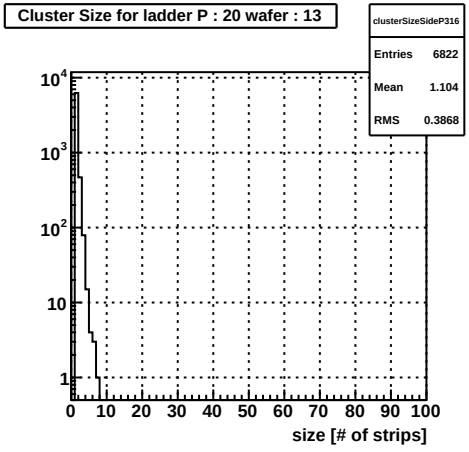

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 5413
Mean 1.364
RMS 0.8349
size [# of strips]

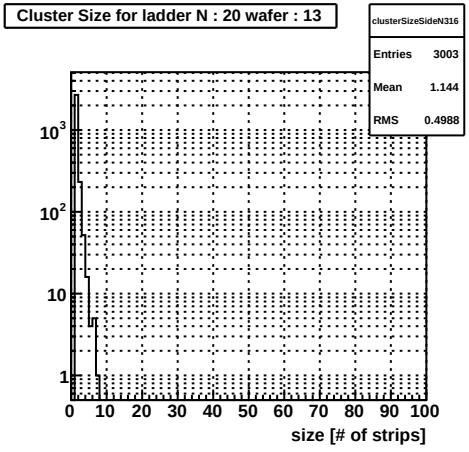

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 1643
Mean 1.421
RMS 0.8302
size [# of strips]

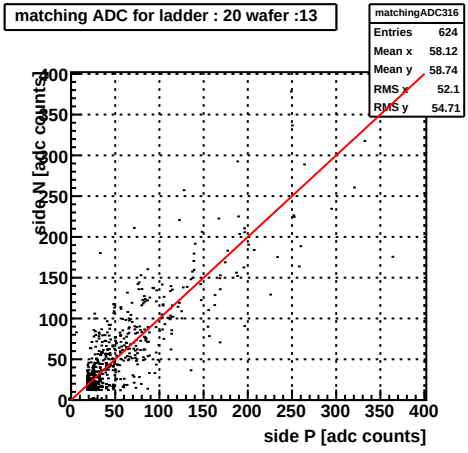

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 161
Mean x 71.36
Mean y 89.05
RMS x 60.5
RMS y 68.71
side N [adc counts]
side P [adc counts]

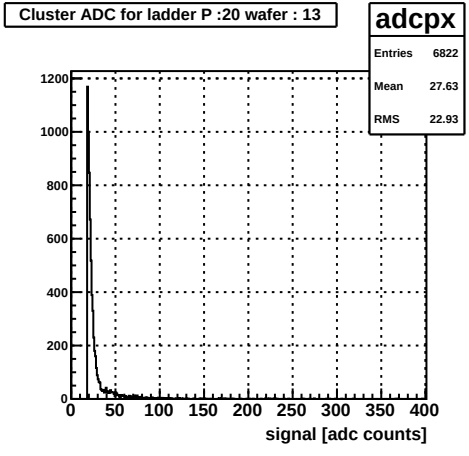

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 5413
Mean 35.55
RMS 32.65
signal [adc counts]

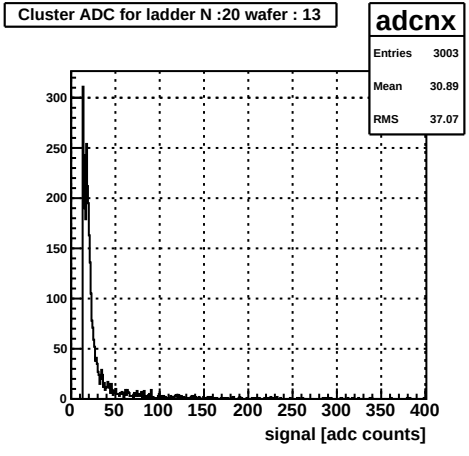

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 1643
Mean 38.52
RMS 38.83
signal [adc counts]

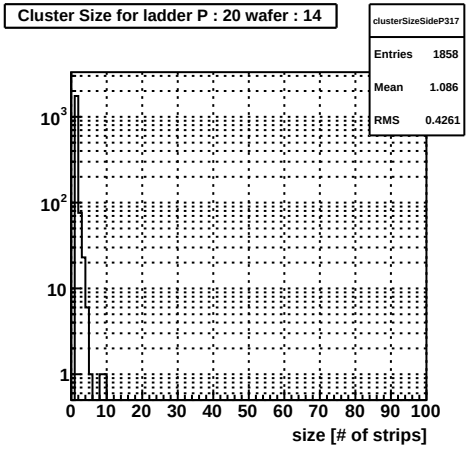

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 6822
Mean 1.104
RMS 0.3868
size [# of strips]

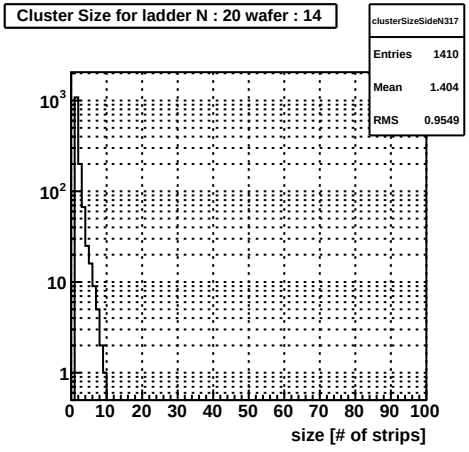

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 3003
Mean 1.144
RMS 0.4988
size [# of strips]

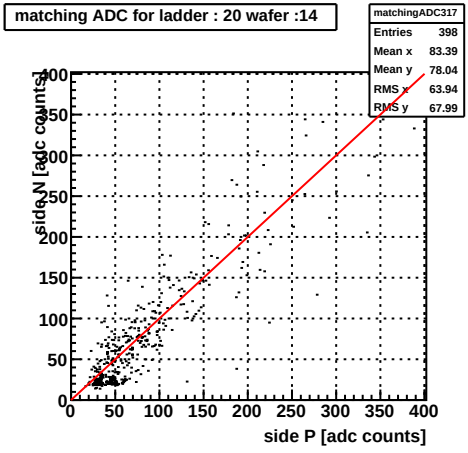

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 624
Mean x 58.12
Mean y 58.74
RMS x 52.1
RMS y 54.71
side N [adc counts]
side P [adc counts]

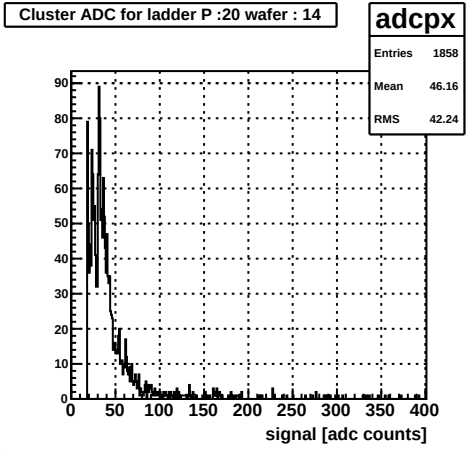

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 6822
Mean 27.63
RMS 22.93
signal [adc counts]

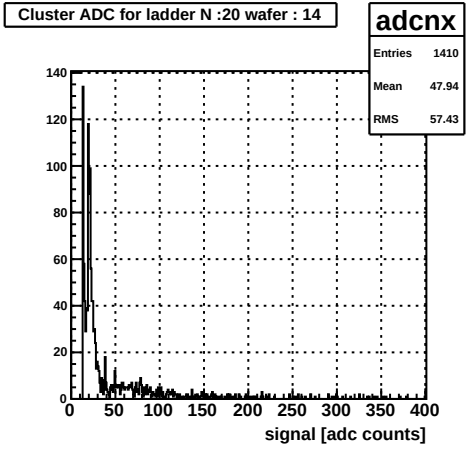

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 3003
Mean 30.89
RMS 37.07
signal [adc counts]

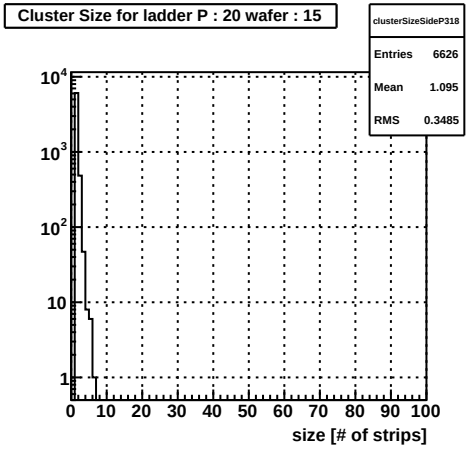

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 1858
Mean 1.086
RMS 0.4261
size [# of strips]

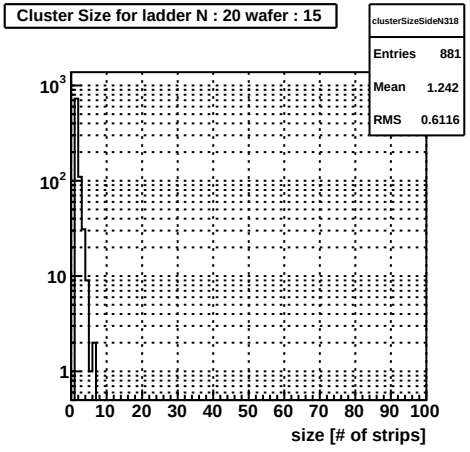

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 1410
Mean 1.404
RMS 0.9549
size [# of strips]

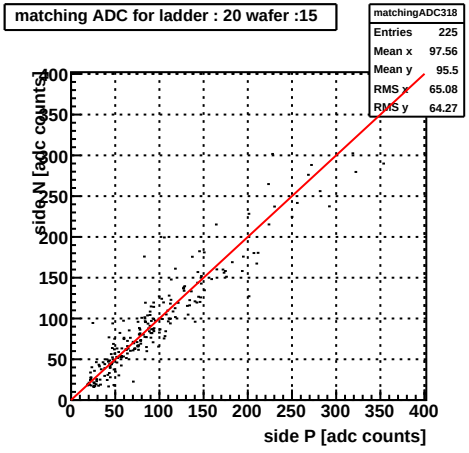

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 398
Mean x 83.39
Mean y 78.04
RMS x 63.94
RMS y 67.99
side N [adc counts]
side P [adc counts]

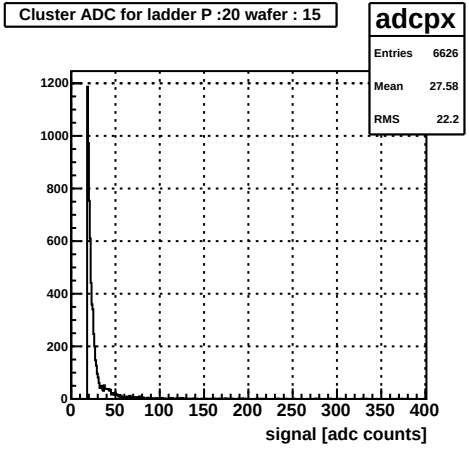

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 1858
Mean 46.16
RMS 42.24
signal [adc counts]

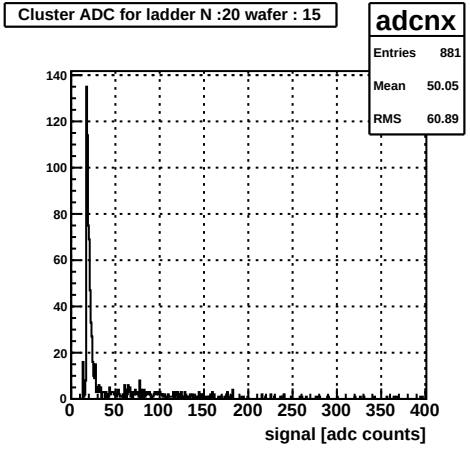

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 1410
Mean 47.94
RMS 57.43
signal [adc counts]

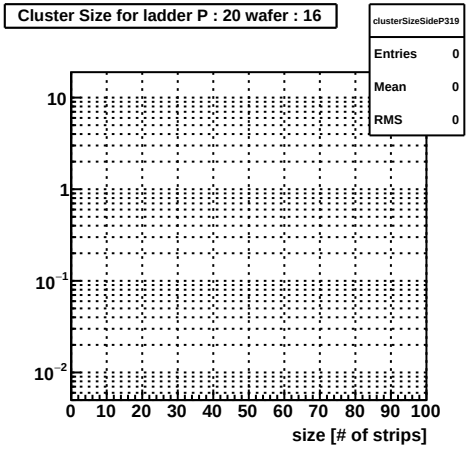

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 6626
Mean 1.095
RMS 0.3485
size [# of strips]

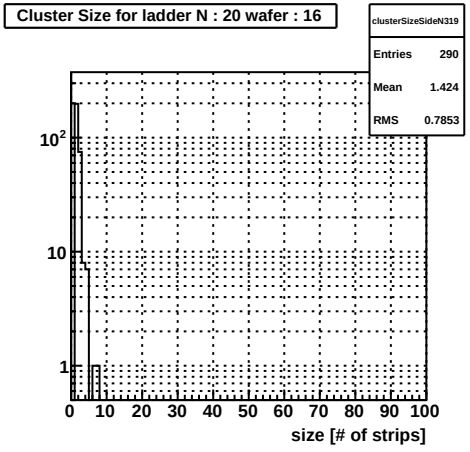

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 881
Mean 1.242
RMS 0.6116
size [# of strips]

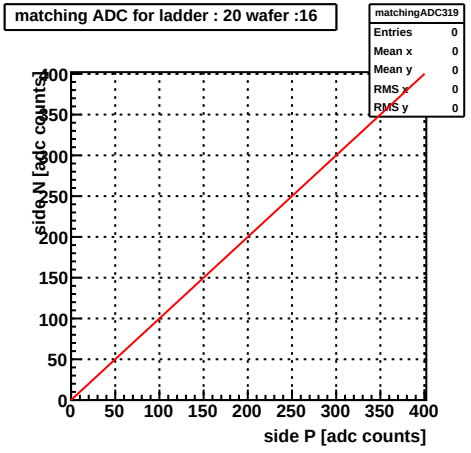

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 225
Mean x 97.56
Mean y 95.5
RMS x 65.08
RMS y 64.27
side N [adc counts]
side P [adc counts]

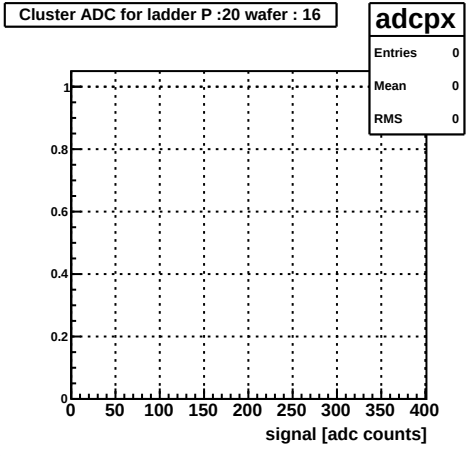

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 6626
Mean 27.58
RMS 22.2
signal [adc counts]

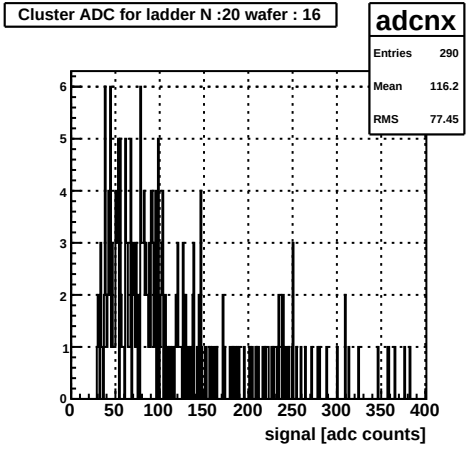

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 881
Mean 50.05
RMS 60.89
signal [adc counts]

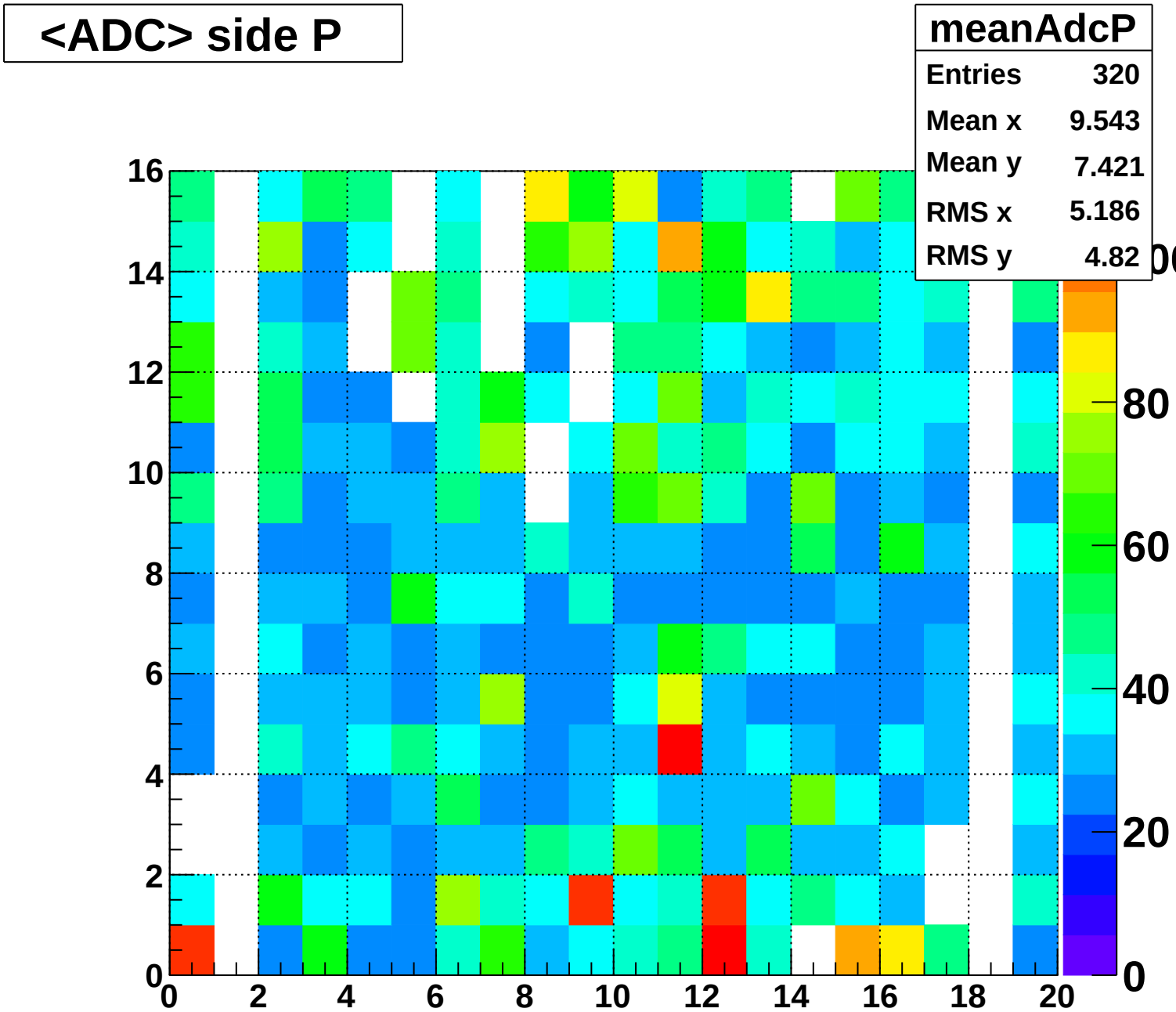

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 0
Mean 0
RMS 0
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 290
Mean 1.424
RMS 0.7853
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 290
Mean 116.2
RMS 77.45
signal [adc counts]



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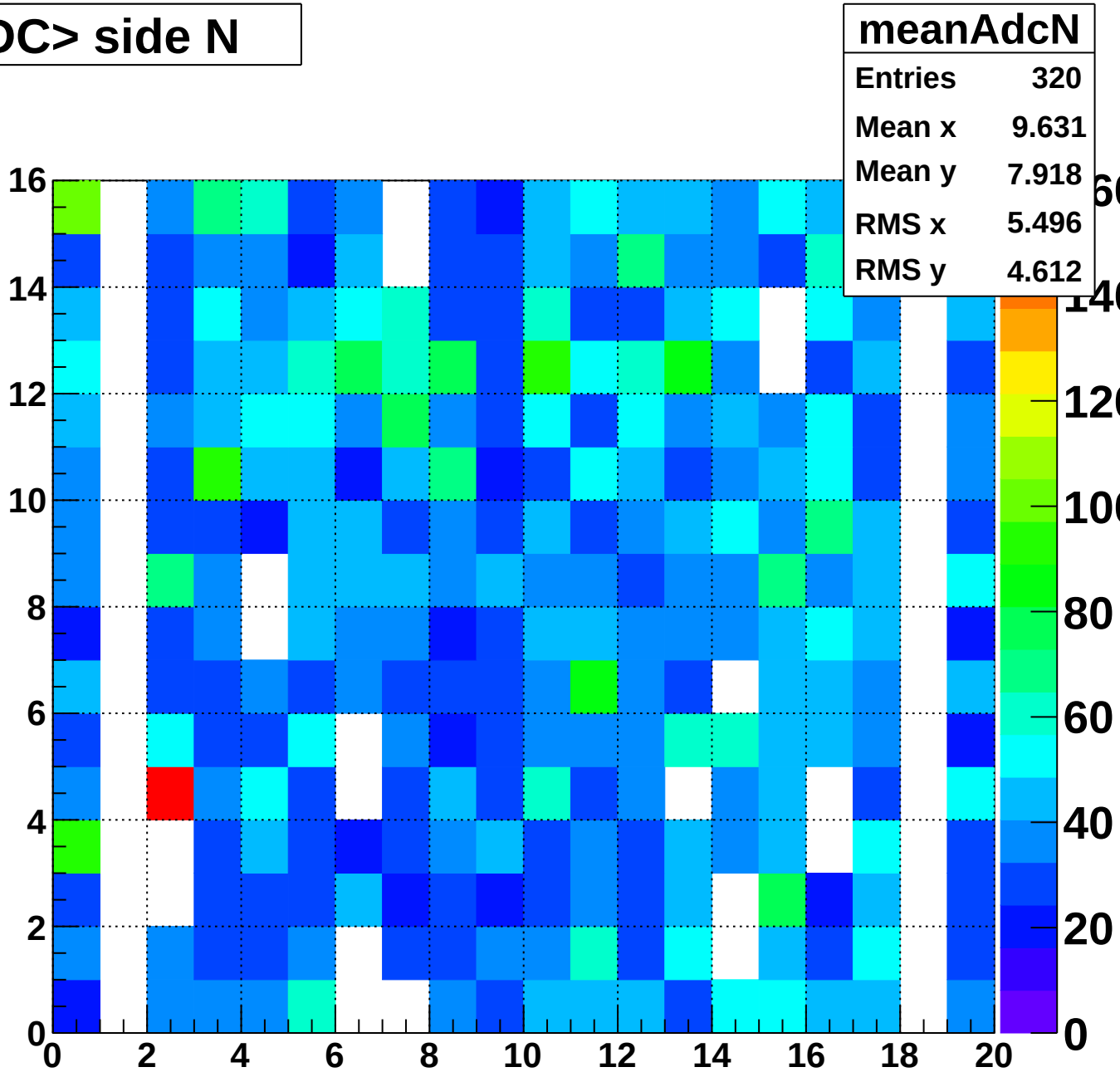
<ADC> side N



2016-05-25 12:16:45