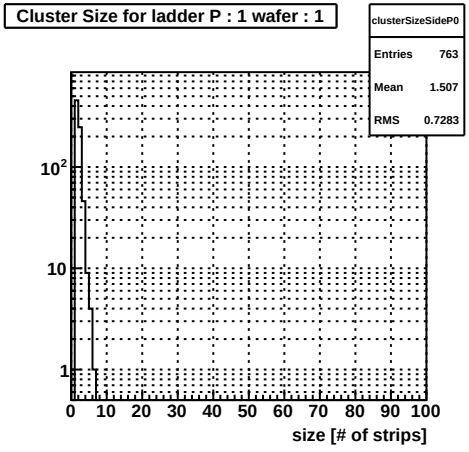
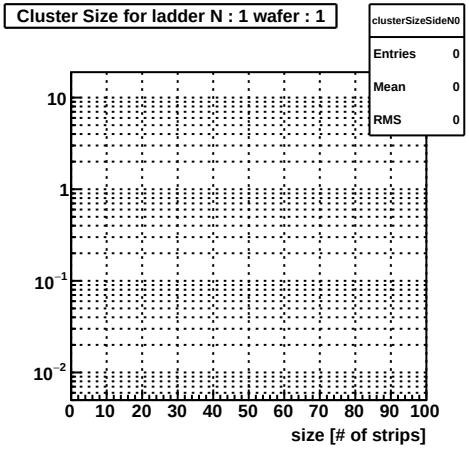
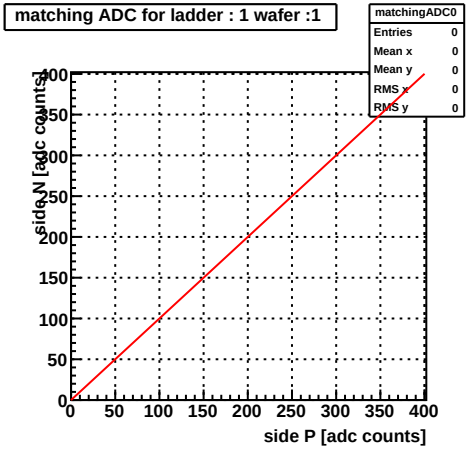
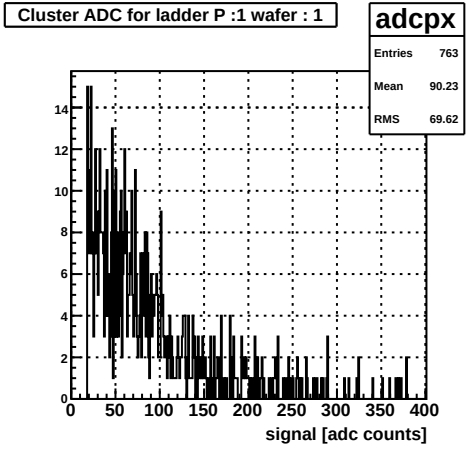
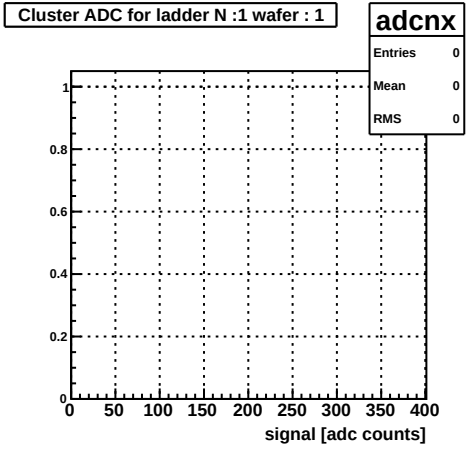
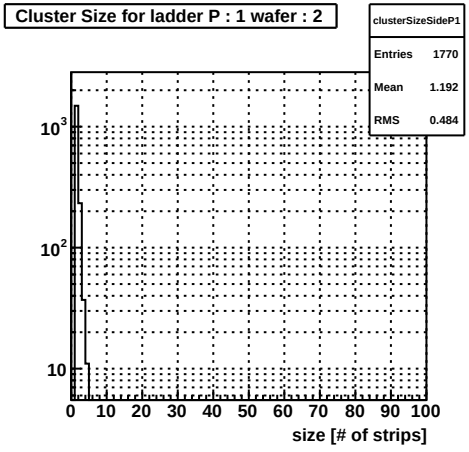

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 763
Mean 1.507
RMS 0.7283
size [# of strips]

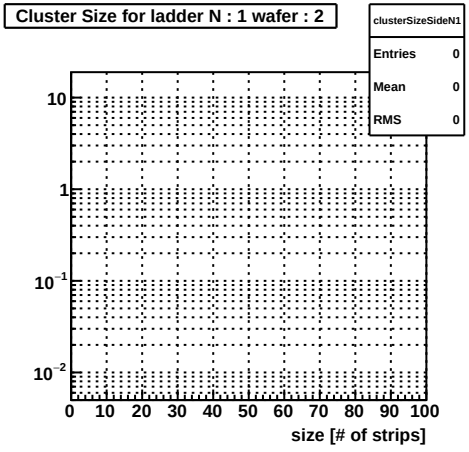

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

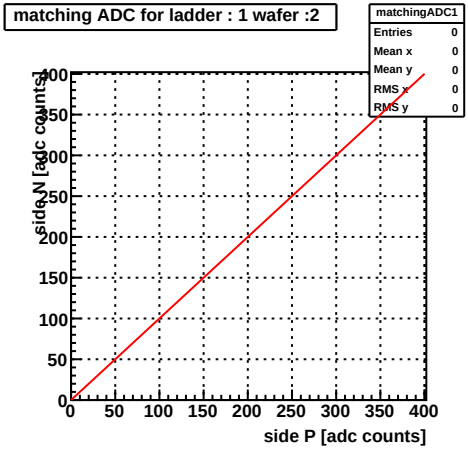

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

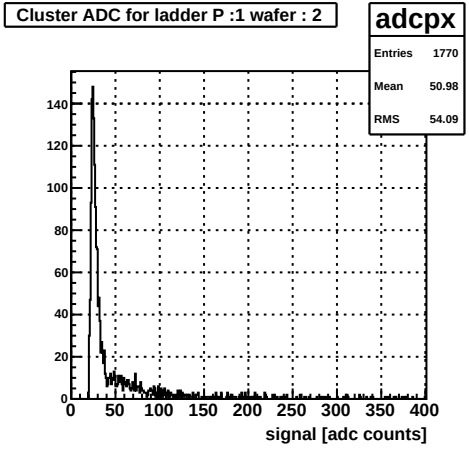

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 763
Mean 90.23
RMS 69.62
signal [adc counts]

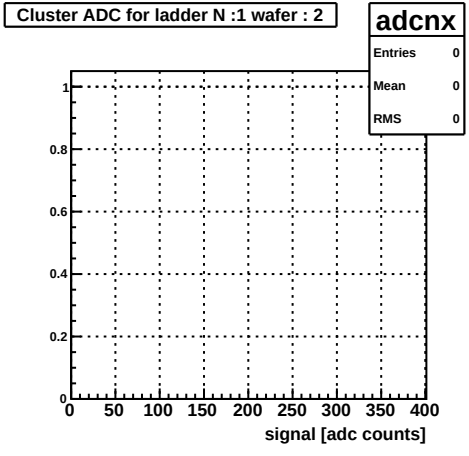

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

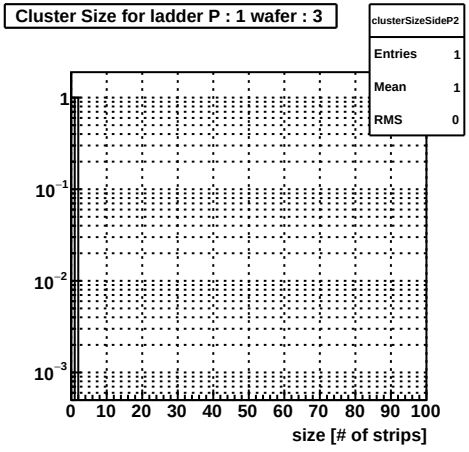

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 1770
Mean 1.192
RMS 0.484
size [# of strips]

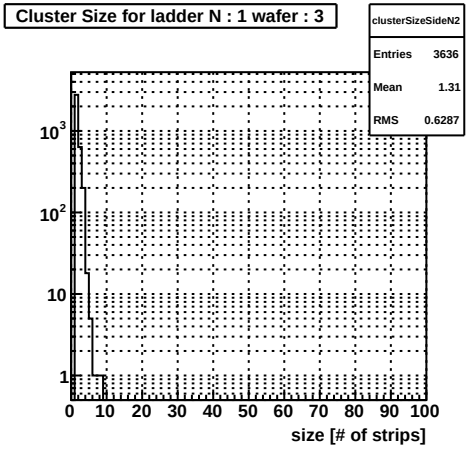

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

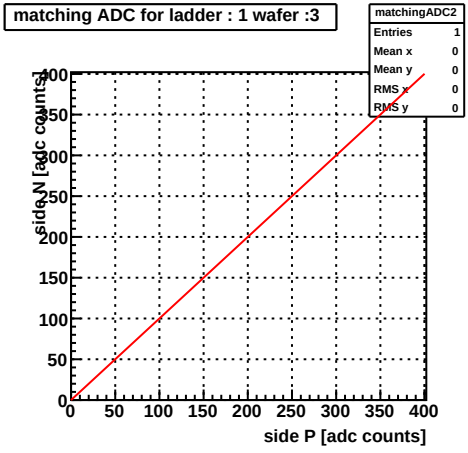

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

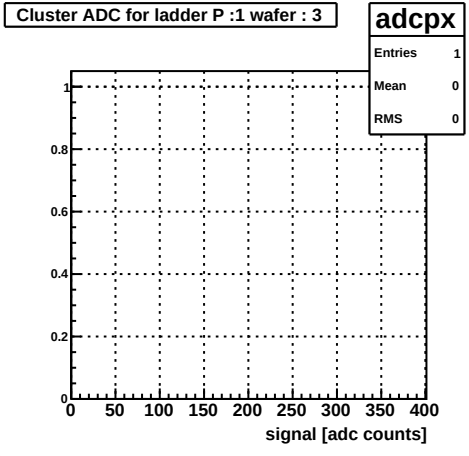

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 1770
Mean 50.98
RMS 54.09
signal [adc counts]

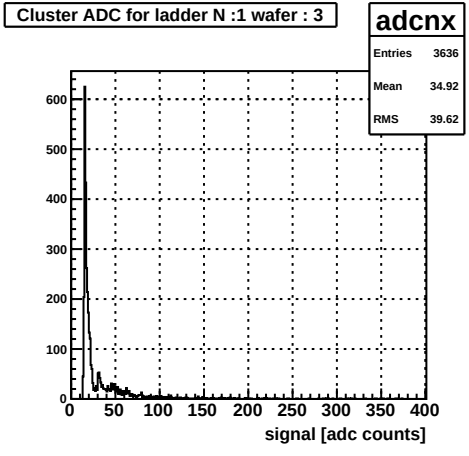

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

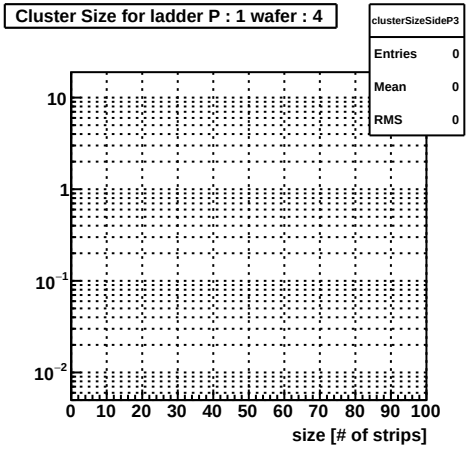

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 1
Mean 1
RMS 0
size [# of strips]

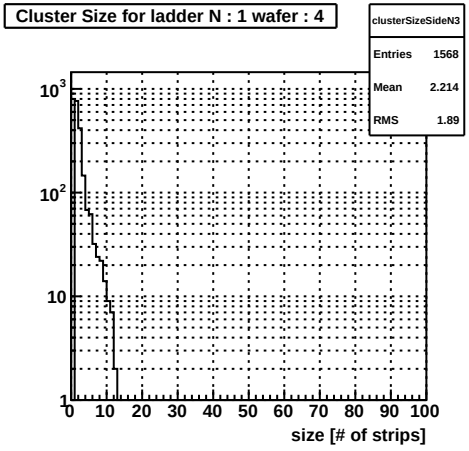

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 3636
Mean 1.31
RMS 0.6287
size [# of strips]

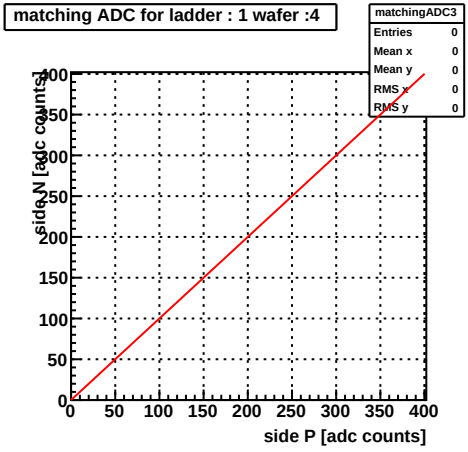

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

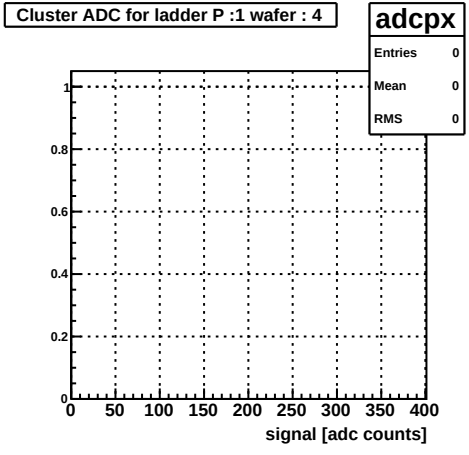

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

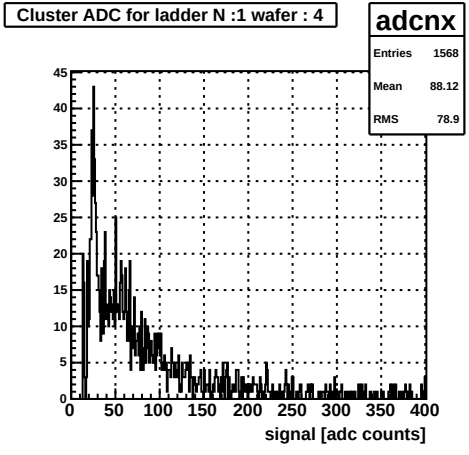

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 3636
Mean 34.92
RMS 39.62
signal [adc counts]

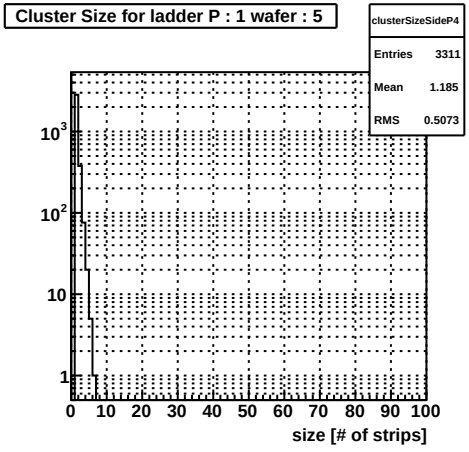

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

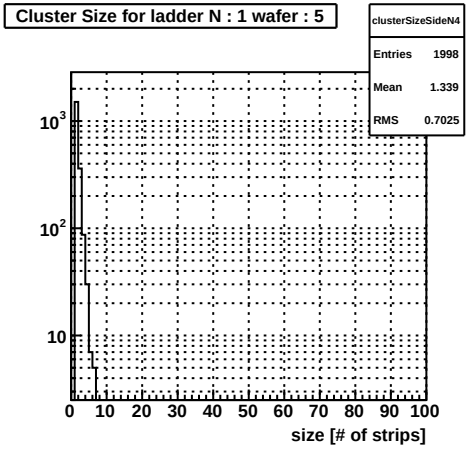

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 1568
Mean 2.214
RMS 1.89
size [# of strips]

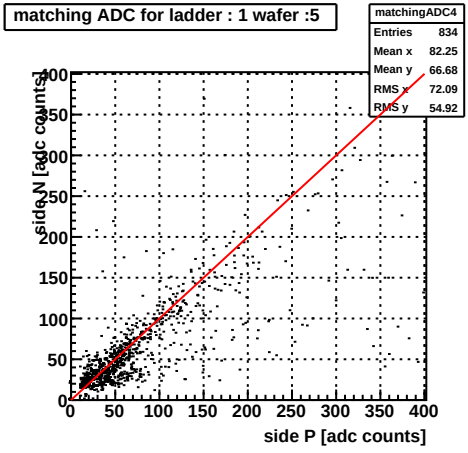

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

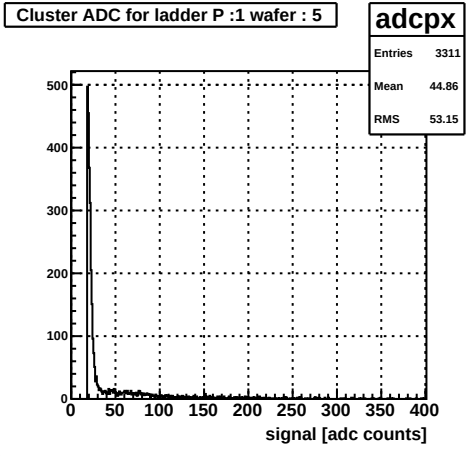

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

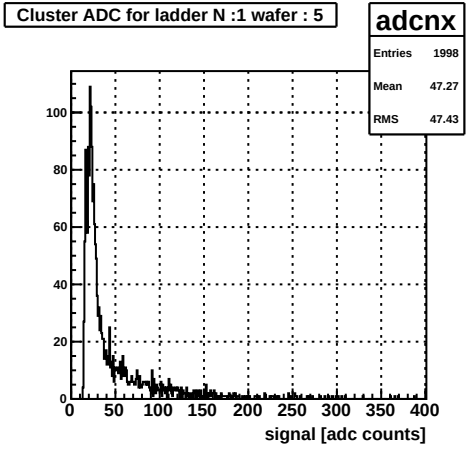

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 1568
Mean 88.12
RMS 78.9
signal [adc counts]

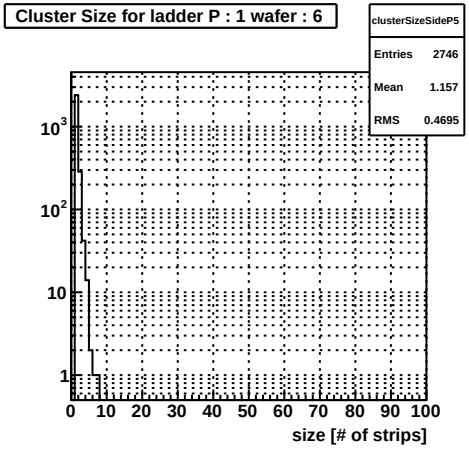

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 3311
Mean 1.185
RMS 0.5073
size [# of strips]

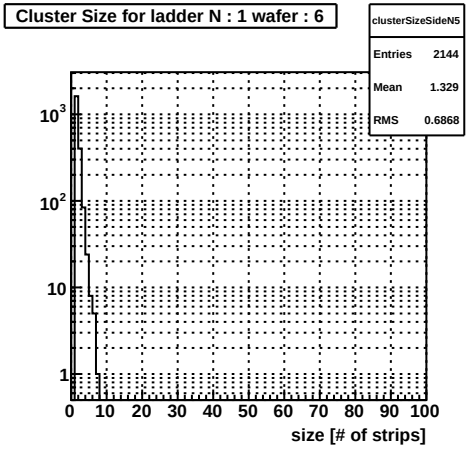

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 1998
Mean 1.339
RMS 0.7025
size [# of strips]

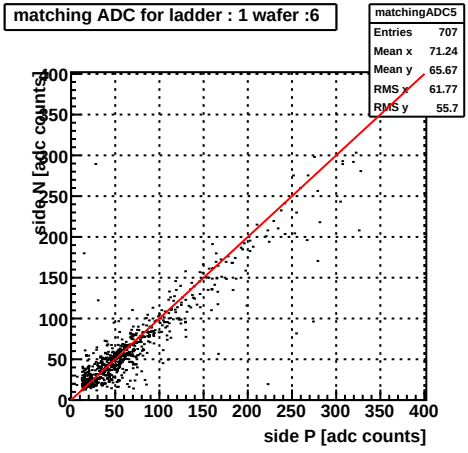

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 834
Mean x 82.25
Mean y 66.68
RMS x 72.09
RMS y 54.92
side N [adc counts]
side P [adc counts]

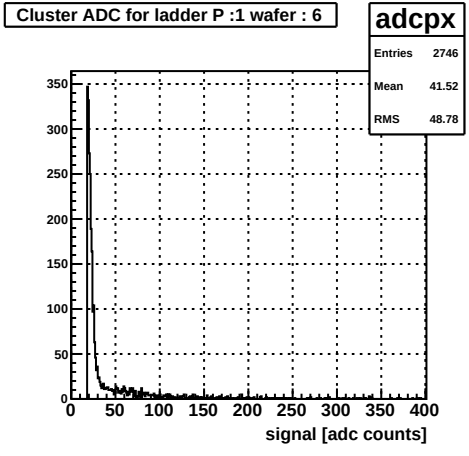

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 3311
Mean 44.86
RMS 53.15
signal [adc counts]

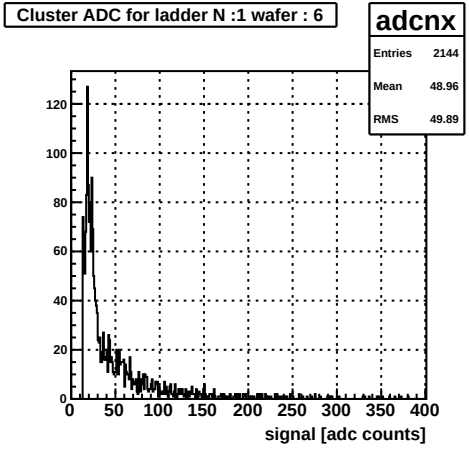

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 1998
Mean 47.27
RMS 47.43
signal [adc counts]

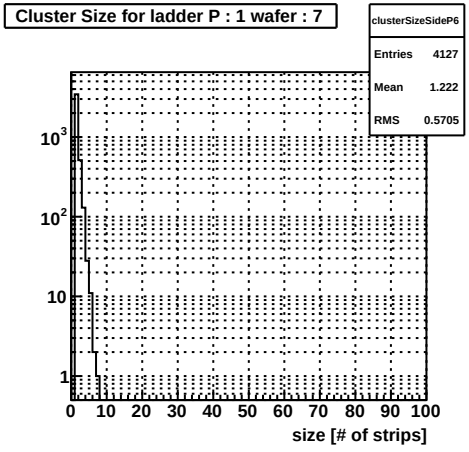

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 2746
Mean 1.157
RMS 0.4695
size [# of strips]

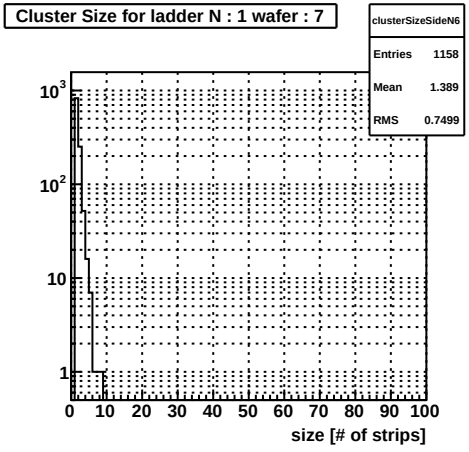

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 2144
Mean 1.329
RMS 0.6868
size [# of strips]

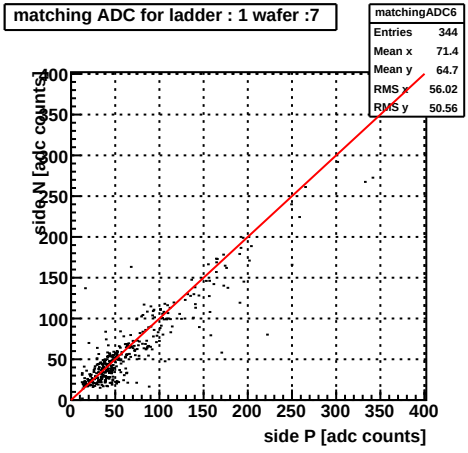

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 707
Mean x 71.24
Mean y 65.67
RMS x 61.77
RMS y 55.7
side N [adc counts]
side P [adc counts]

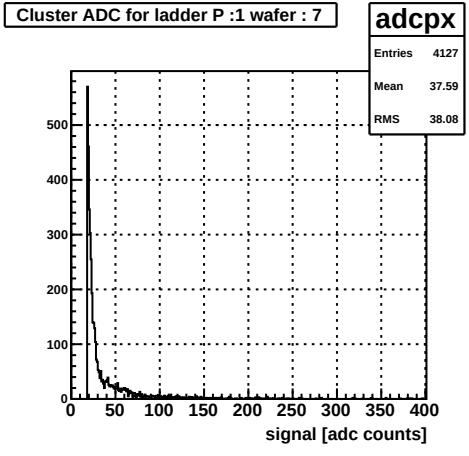

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 2746
Mean 41.52
RMS 48.78
signal [adc counts]

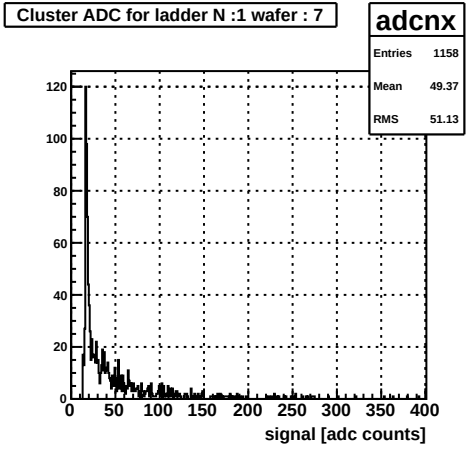

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 2144
Mean 48.96
RMS 49.89
signal [adc counts]

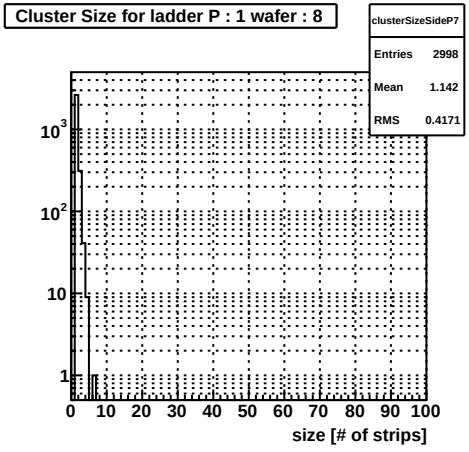

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 4127
Mean 1.222
RMS 0.5705
size [# of strips]

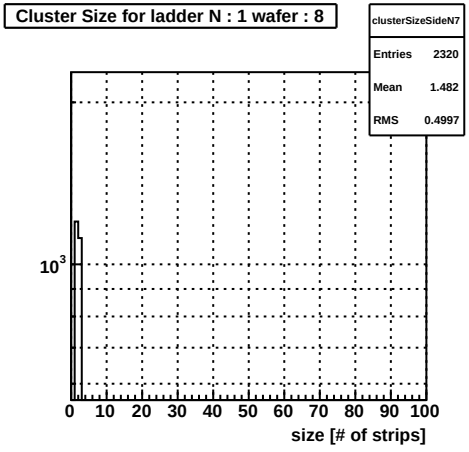

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 1158
Mean 1.389
RMS 0.7499
size [# of strips]

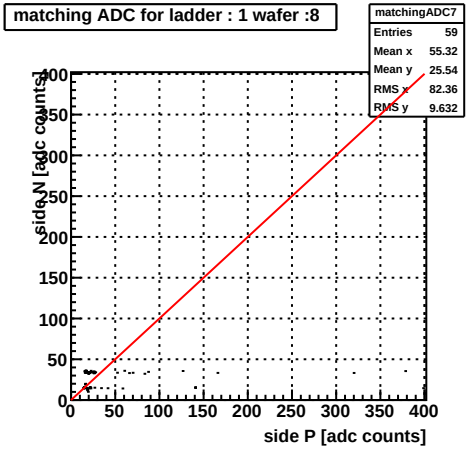

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 344
Mean x 71.4
Mean y 64.7
RMS x 56.02
RMS y 50.56
side N [adc counts]
side P [adc counts]

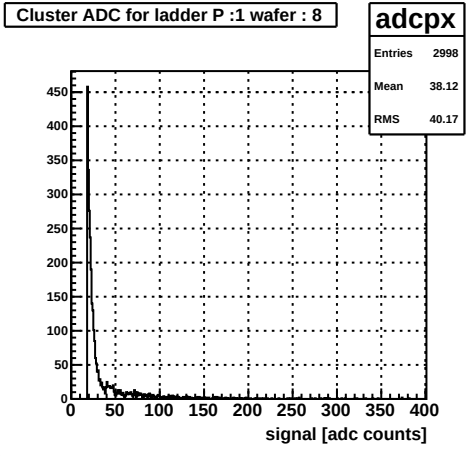

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 4127
Mean 37.59
RMS 38.08
signal [adc counts]

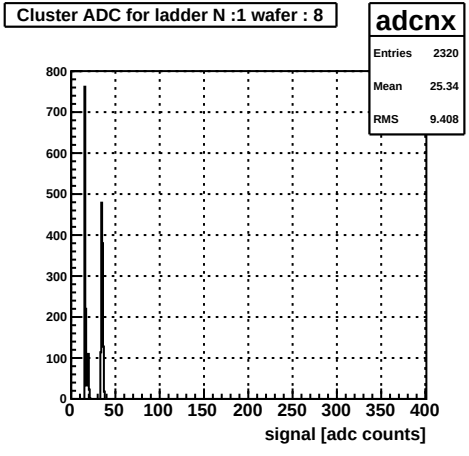

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 1158
Mean 49.37
RMS 51.13
signal [adc counts]

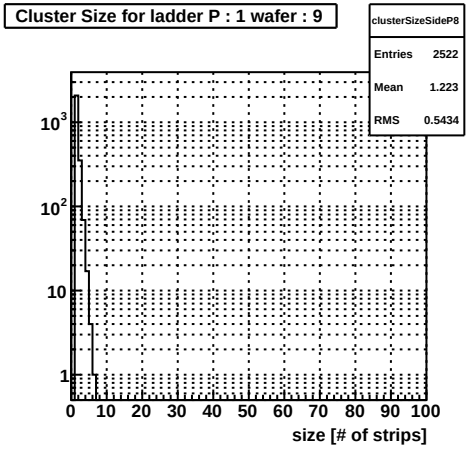

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 2998
Mean 1.142
RMS 0.4171
size [# of strips]

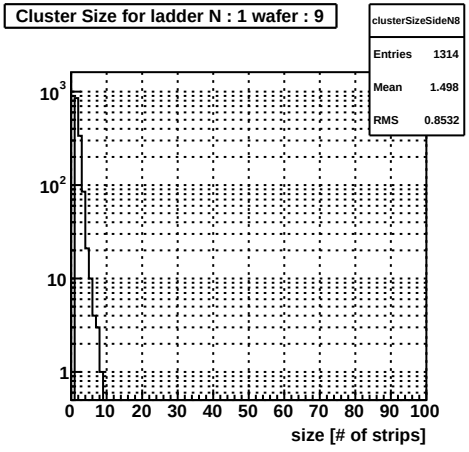

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 2320
Mean 1.482
RMS 0.4997
size [# of strips]

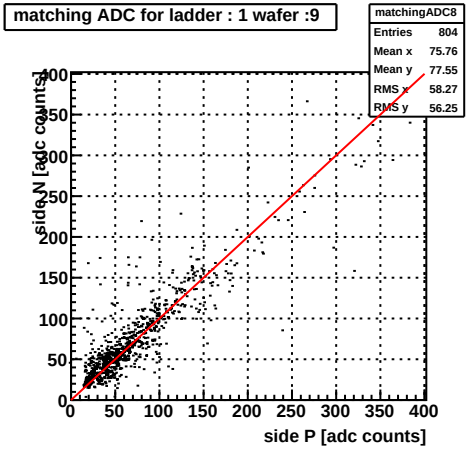

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 59
Mean x 55.32
Mean y 25.54
RMS x 82.36
RMS y 9.632
side N [adc counts]
side P [adc counts]

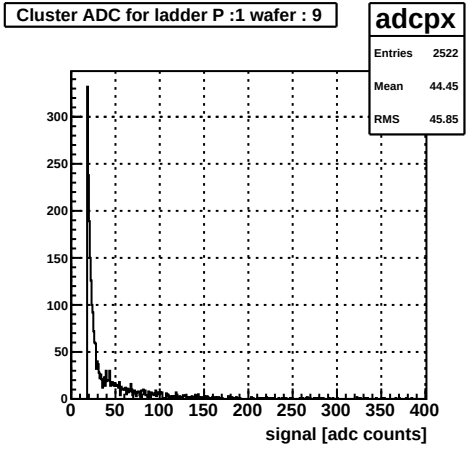

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 2998
Mean 38.12
RMS 40.17
signal [adc counts]

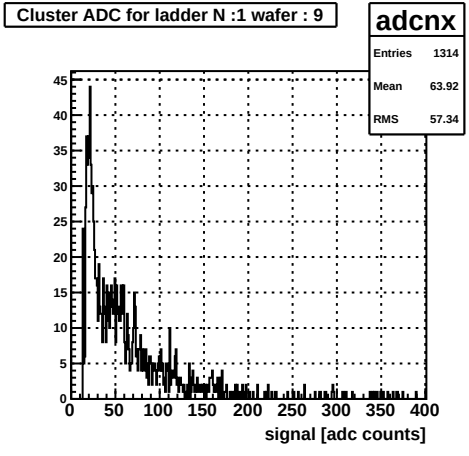

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 2320
Mean 25.34
RMS 9.408
signal [adc counts]

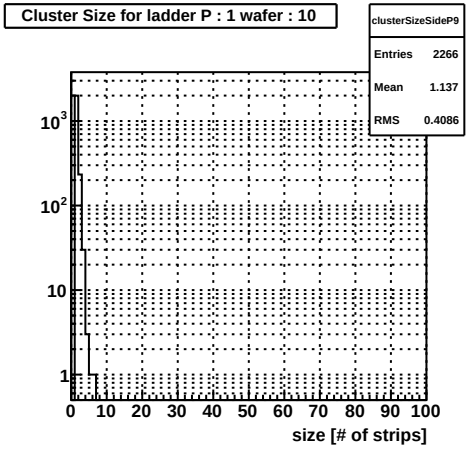

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 2522
Mean 1.223
RMS 0.5434
size [# of strips]

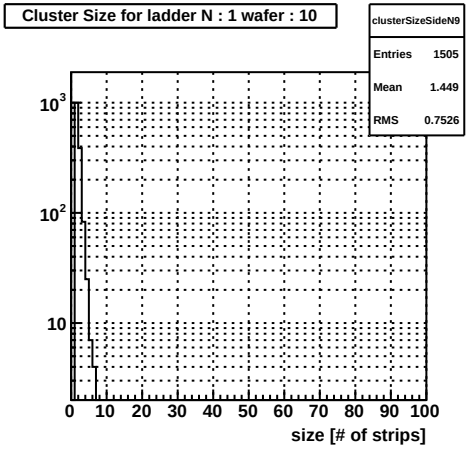

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 1314
Mean 1.498
RMS 0.8532
size [# of strips]

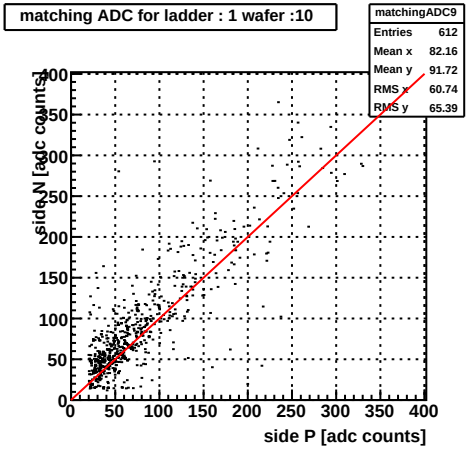

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 804
Mean x 75.76
Mean y 77.55
RMS x 58.27
RMS y 56.25
side N [adc counts]
side P [adc counts]

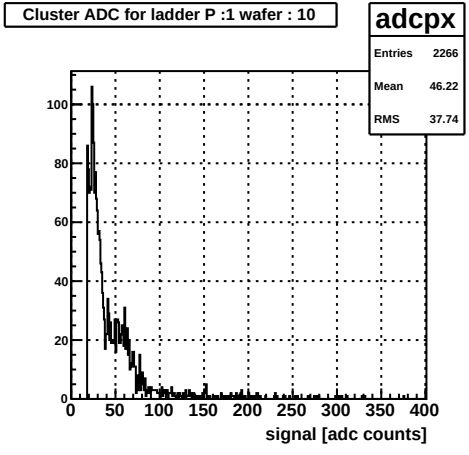

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 2522
Mean 44.45
RMS 45.85
signal [adc counts]

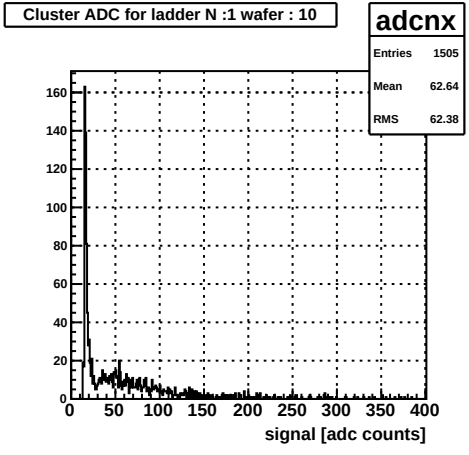

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 1314
Mean 63.92
RMS 57.34
signal [adc counts]

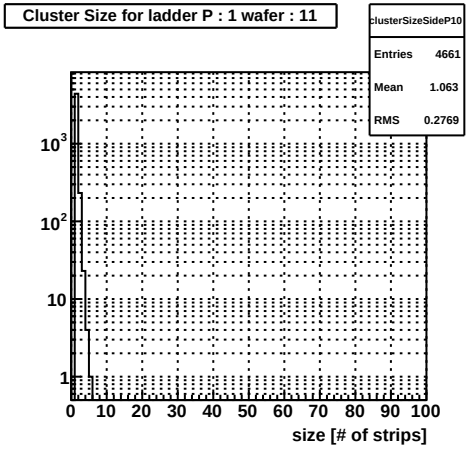

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 2266
Mean 1.137
RMS 0.4086
size [# of strips]

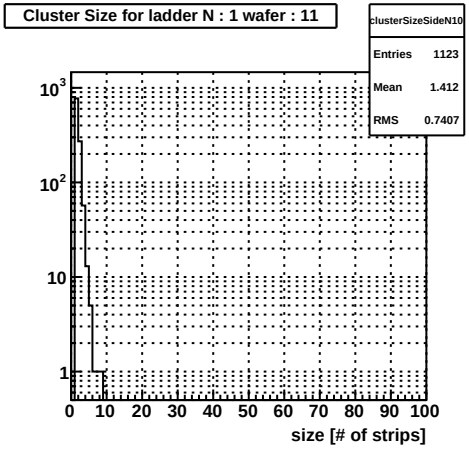

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 1505
Mean 1.449
RMS 0.7526
size [# of strips]

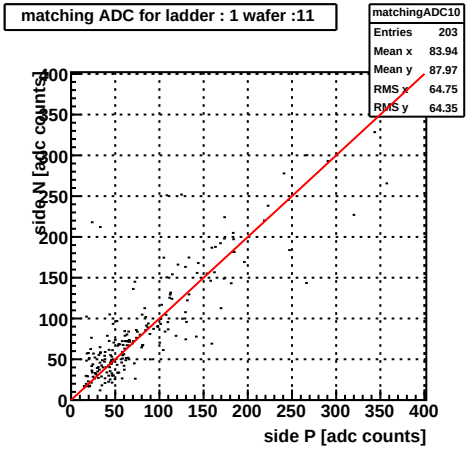

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 612
Mean x 82.16
Mean y 91.72
RMS x 60.74
RMS y 65.39
side N [adc counts]
side P [adc counts]

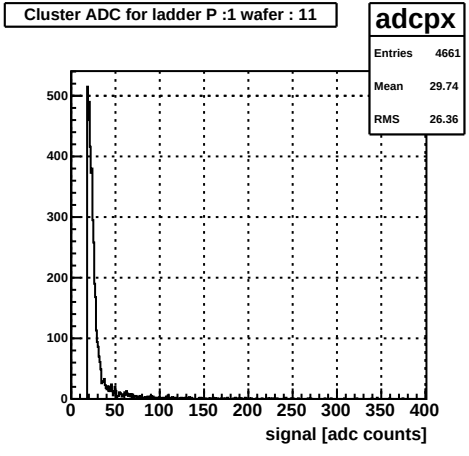

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 2266
Mean 46.22
RMS 37.74
signal [adc counts]

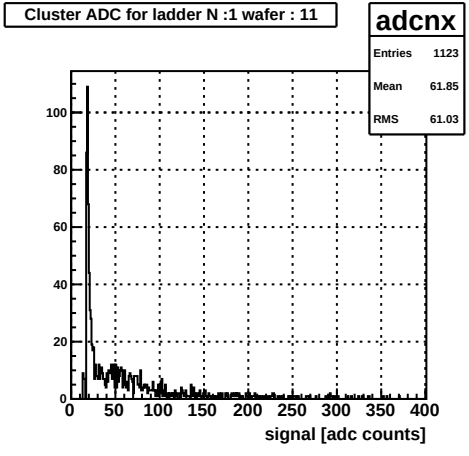

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 1505
Mean 62.64
RMS 62.38
signal [adc counts]

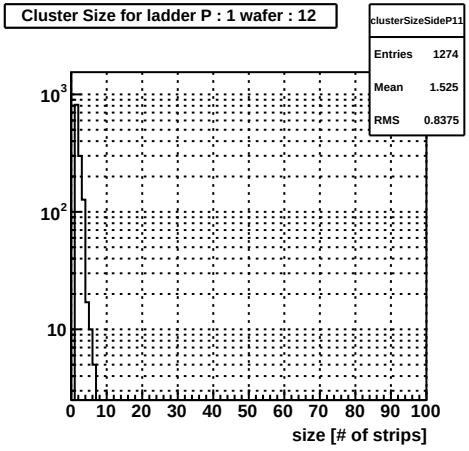

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 4661
Mean 1.063
RMS 0.2769
size [# of strips]

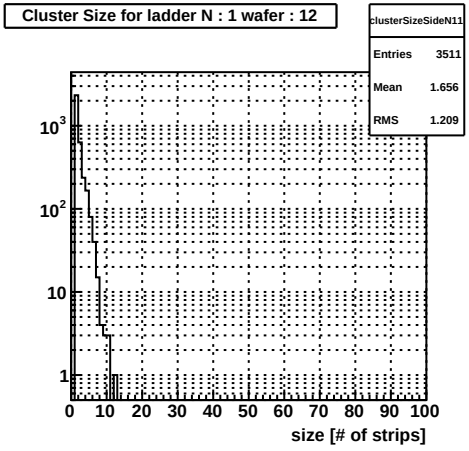

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 1123
Mean 1.412
RMS 0.7407
size [# of strips]

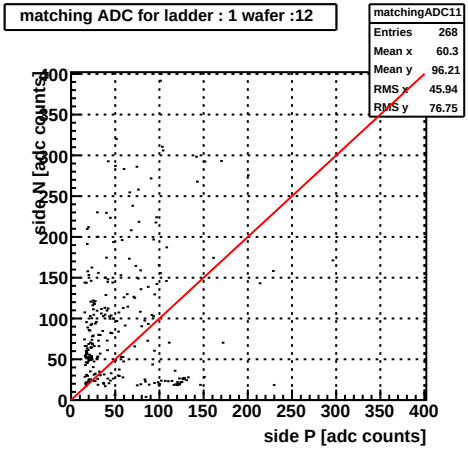

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 203
Mean x 83.94
Mean y 87.97
RMS x 64.75
RMS y 64.35
side N [adc counts]
side P [adc counts]

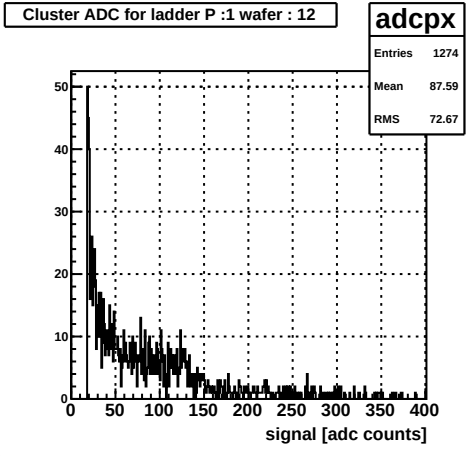

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 4661
Mean 29.74
RMS 26.36
signal [adc counts]

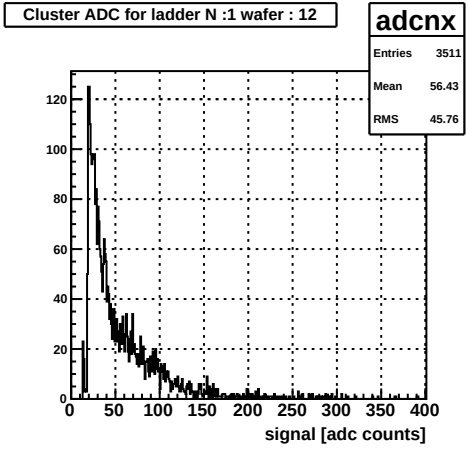

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 1123
Mean 61.85
RMS 61.03
signal [adc counts]

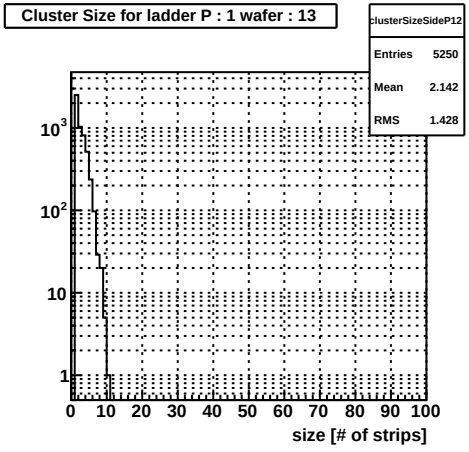

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 1274
Mean 1.525
RMS 0.8375
size [# of strips]

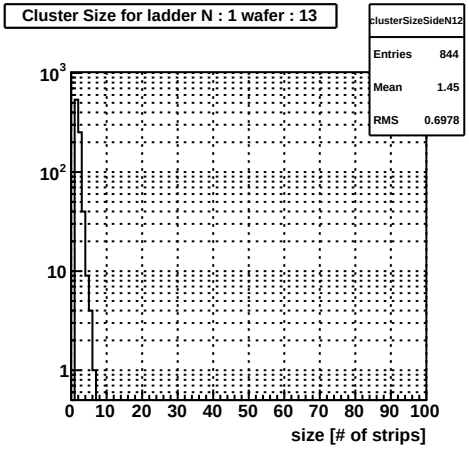

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 3511
Mean 1.656
RMS 1.209
size [# of strips]

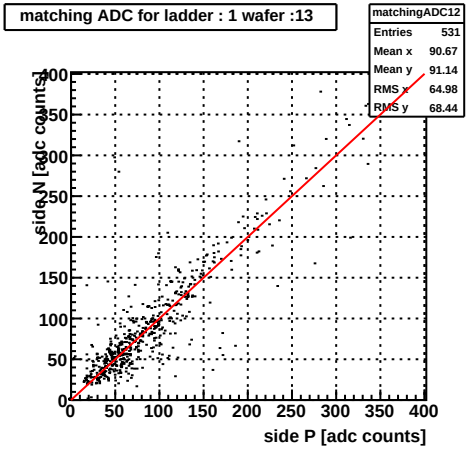

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 268
Mean x 60.3
Mean y 96.21
RMS x 45.94
RMS y 76.75
side N [adc counts]
side P [adc counts]

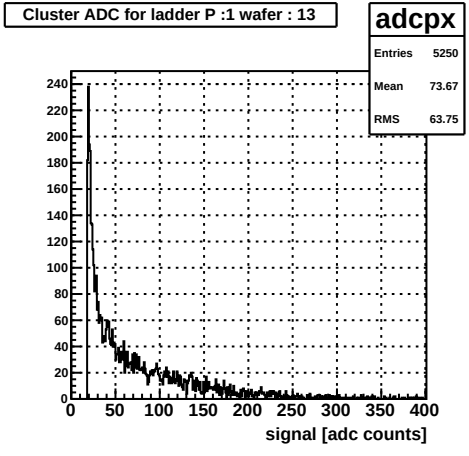

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 1274
Mean 87.59
RMS 72.67
signal [adc counts]

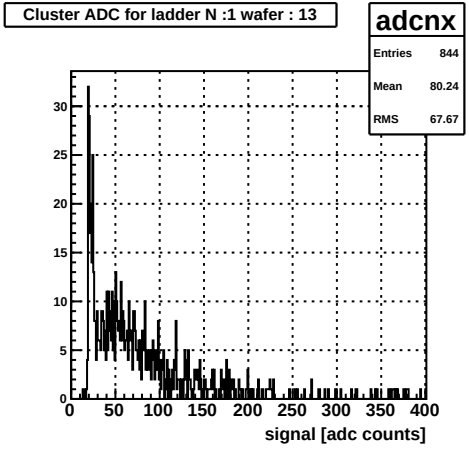

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 3511
Mean 56.43
RMS 45.76
signal [adc counts]

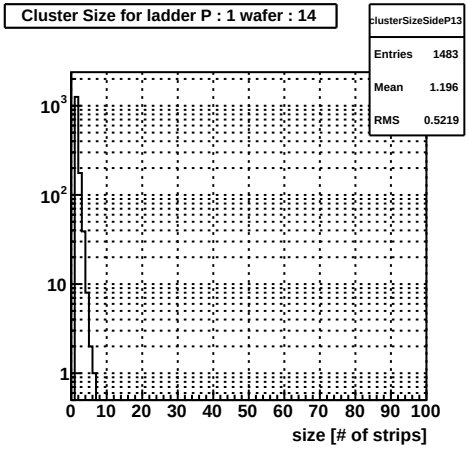

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 5250
Mean 2.142
RMS 1.428
size [# of strips]

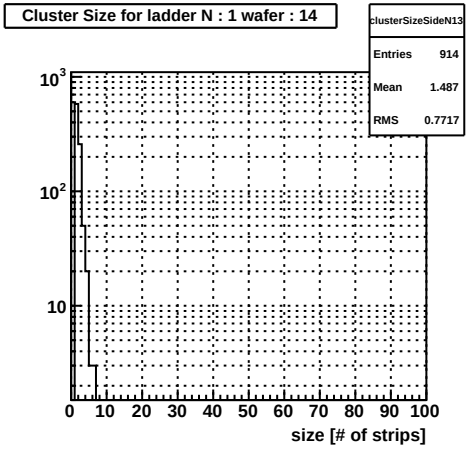

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 844
Mean 1.45
RMS 0.6978
size [# of strips]

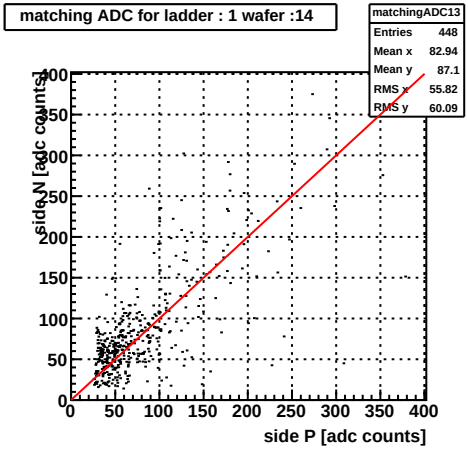

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 531
Mean x 90.67
Mean y 91.14
RMS x 64.98
RMS y 68.44
side N [adc counts]
side P [adc counts]

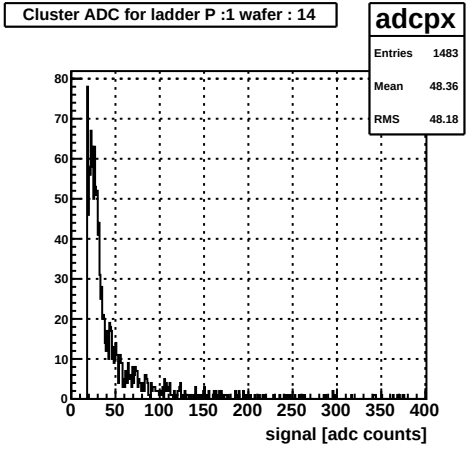

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 5250
Mean 73.67
RMS 63.75
signal [adc counts]

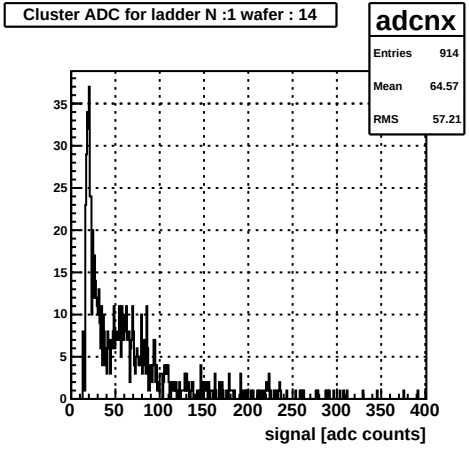

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 844
Mean 80.24
RMS 67.67
signal [adc counts]

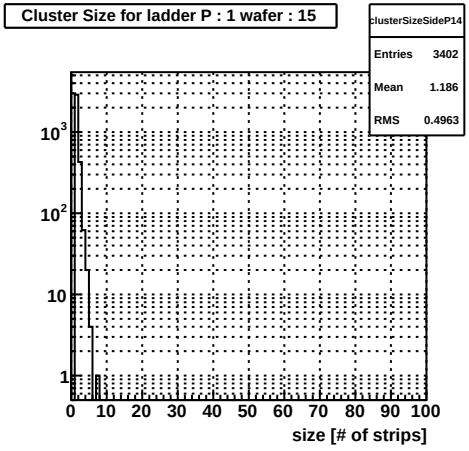

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 1483
Mean 1.196
RMS 0.5219
size [# of strips]

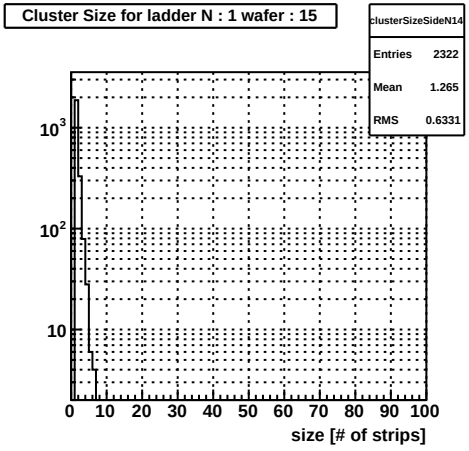

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 914
Mean 1.487
RMS 0.7717
size [# of strips]

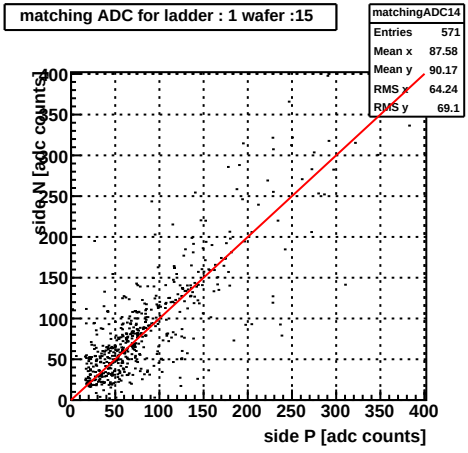

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 448
Mean x 82.94
Mean y 87.1
RMS x 55.82
RMS y 60.09
side N [adc counts]
side P [adc counts]

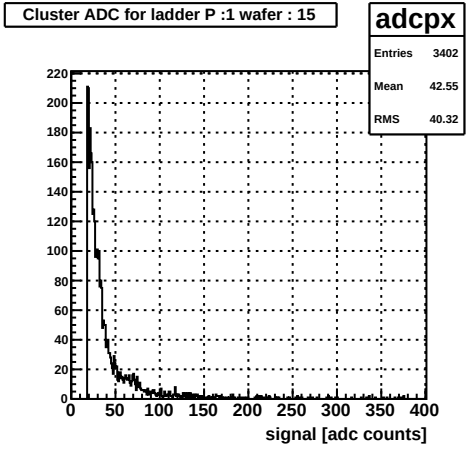

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 1483
Mean 48.36
RMS 48.18
signal [adc counts]

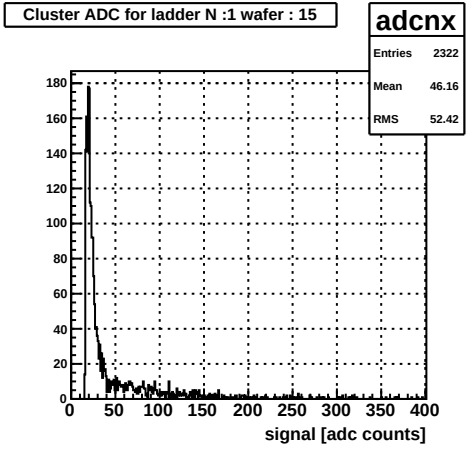

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 914
Mean 64.57
RMS 57.21
signal [adc counts]

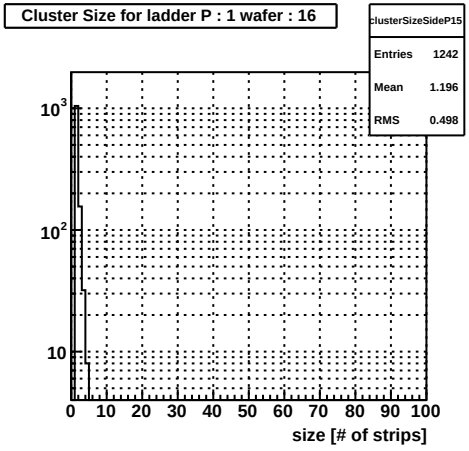

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 3402
Mean 1.186
RMS 0.4963
size [# of strips]

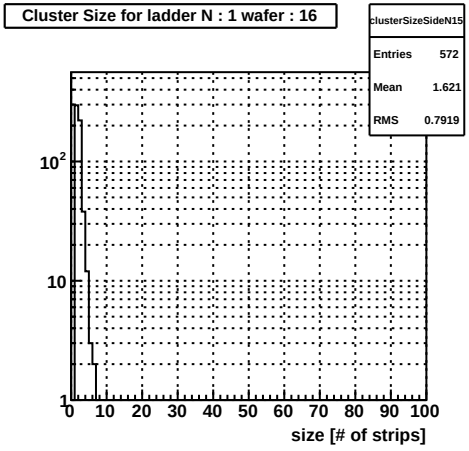

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 2322
Mean 1.265
RMS 0.6331
size [# of strips]

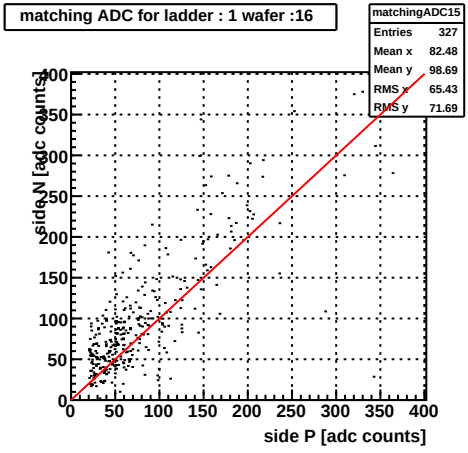

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 571
Mean x 87.58
Mean y 90.17
RMS x 64.24
RMS y 69.1
side N [adc counts]
side P [adc counts]

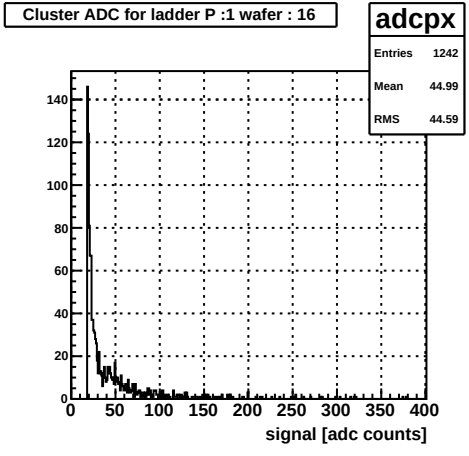

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 3402
Mean 42.55
RMS 40.32
signal [adc counts]

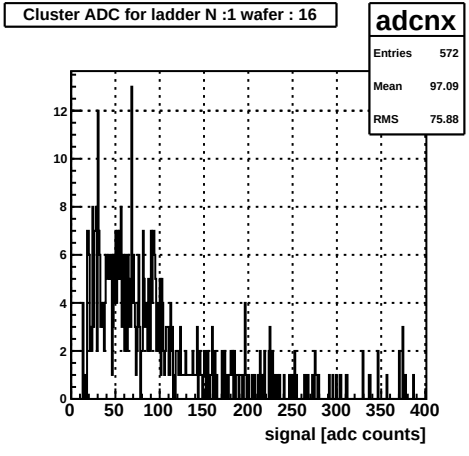

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 2322
Mean 46.16
RMS 52.42
signal [adc counts]

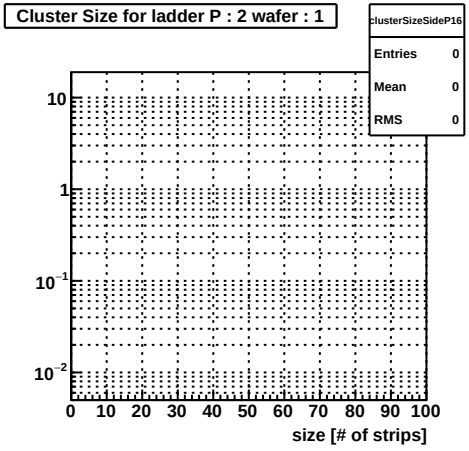

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 1242
Mean 1.196
RMS 0.498
size [# of strips]

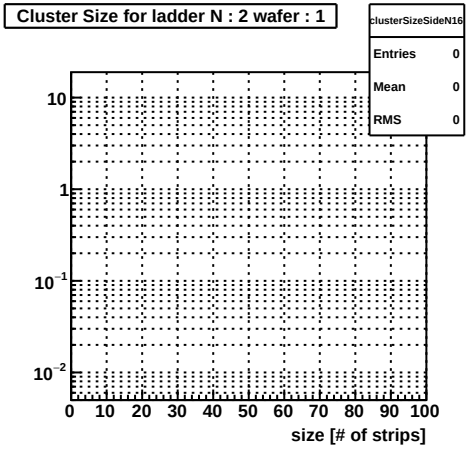

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 572
Mean 1.621
RMS 0.7919
size [# of strips]

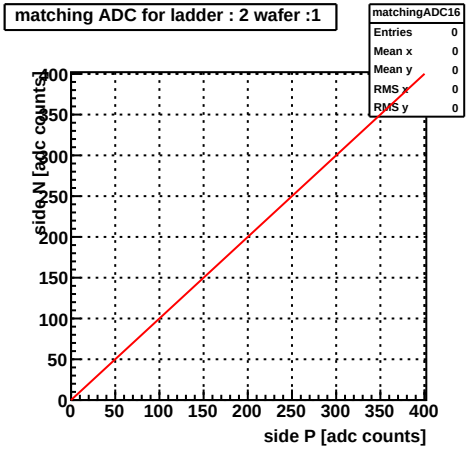

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 327
Mean x 82.48
Mean y 98.69
RMS x 65.43
RMS y 71.69
side N [adc counts]
side P [adc counts]

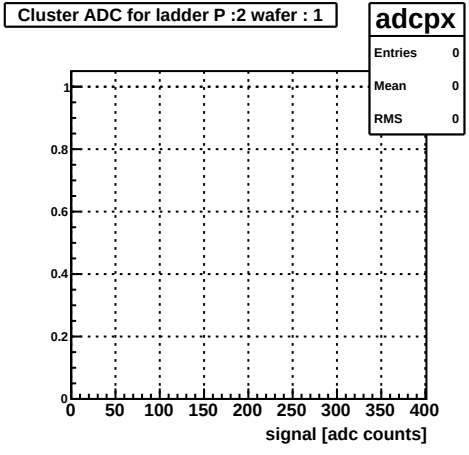

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 1242
Mean 44.99
RMS 44.59
signal [adc counts]

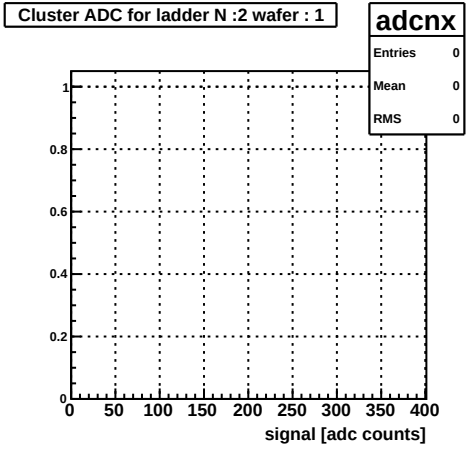

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 572
Mean 97.09
RMS 75.88
signal [adc counts]

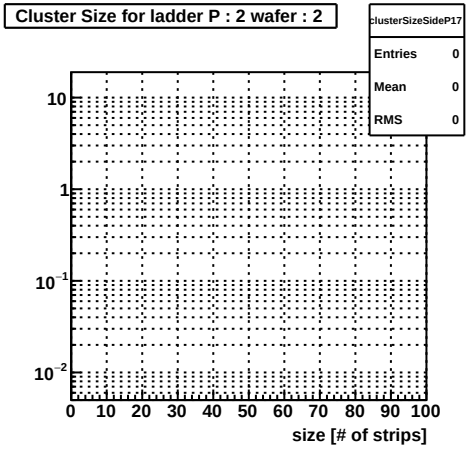

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

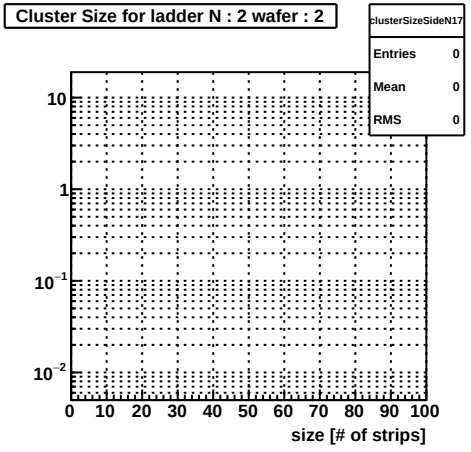

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

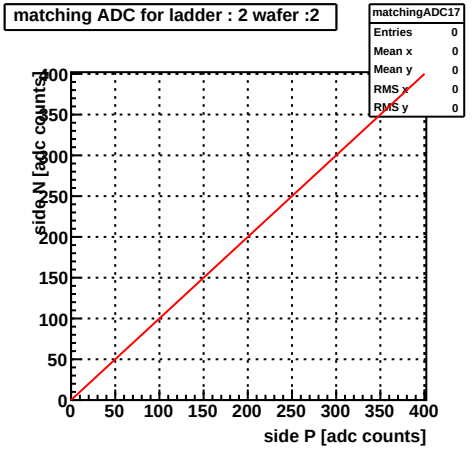

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

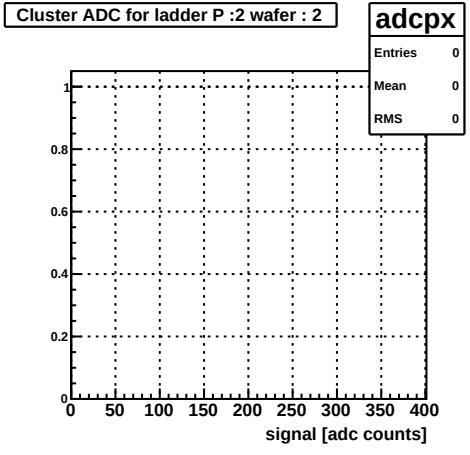

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

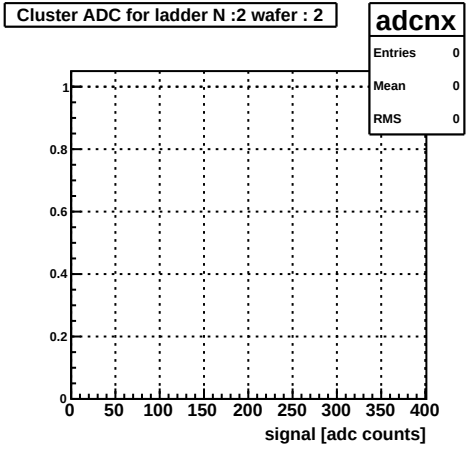

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

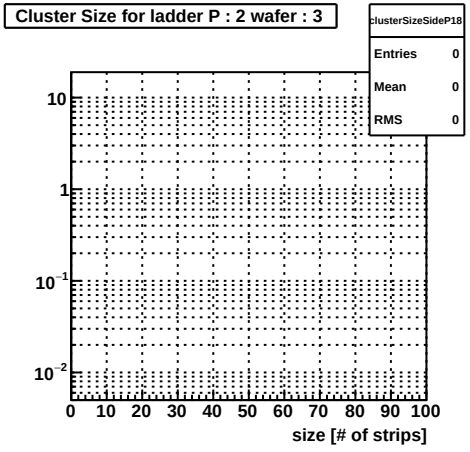

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

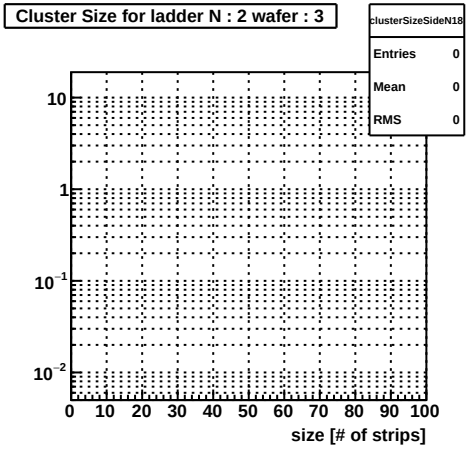

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

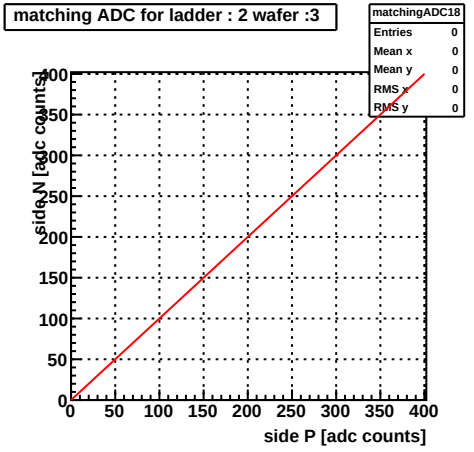

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

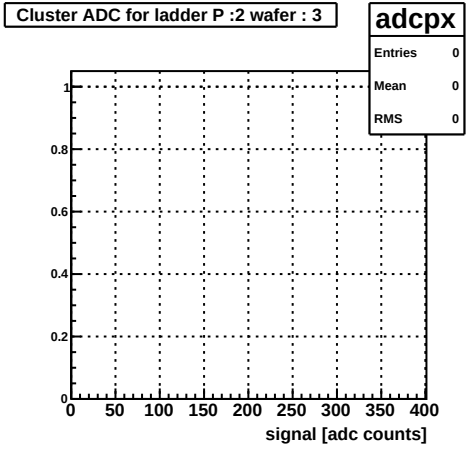

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

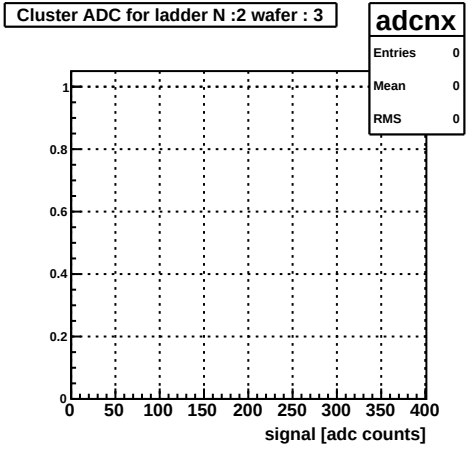

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

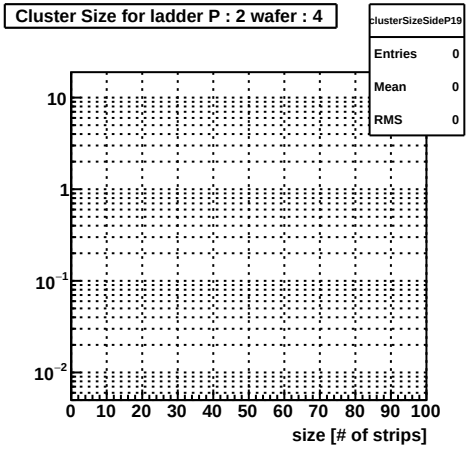

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

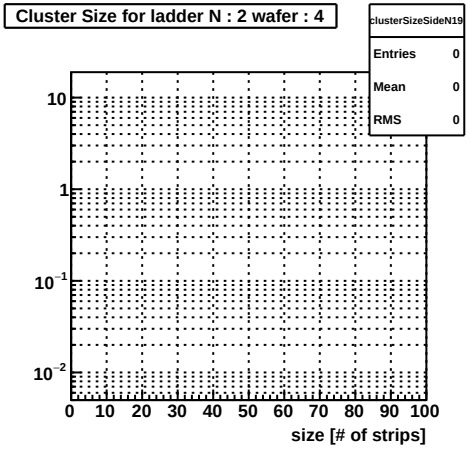

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

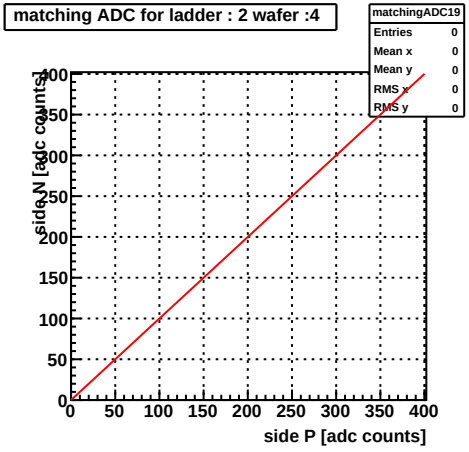

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

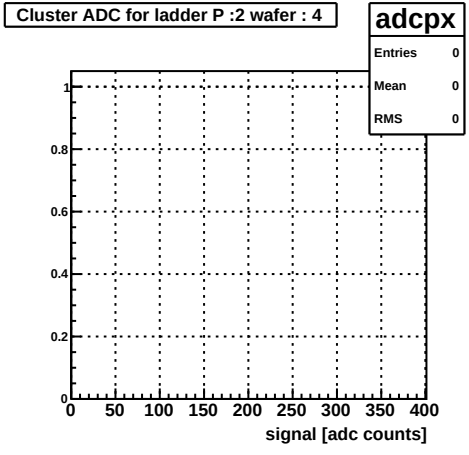

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

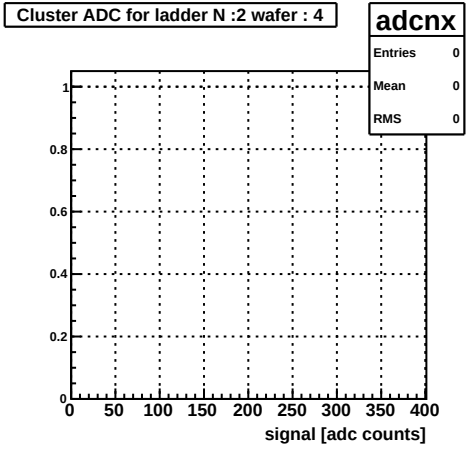

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

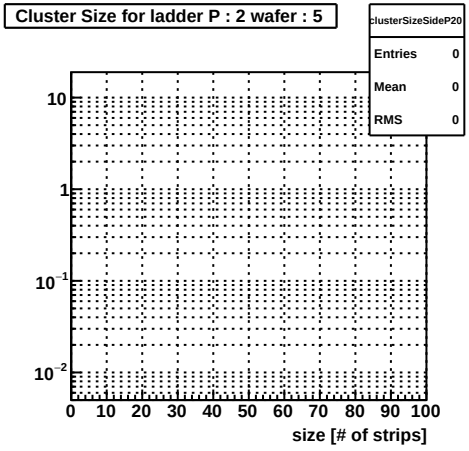

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

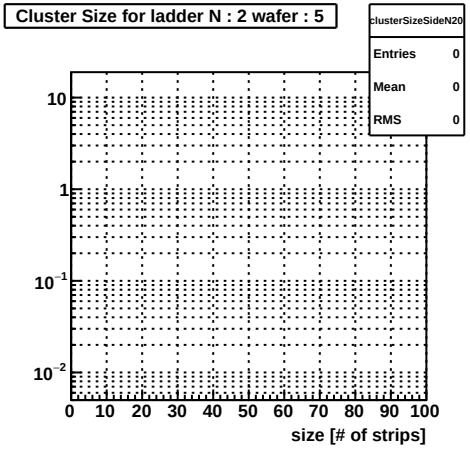

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

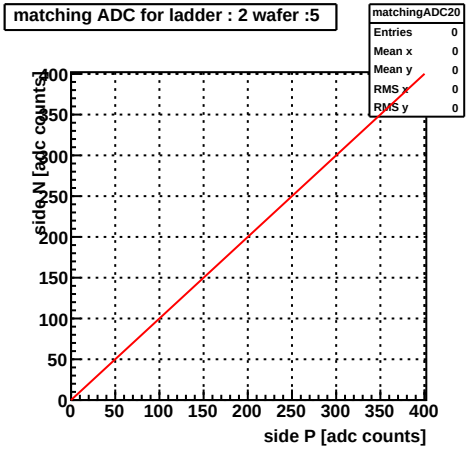

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

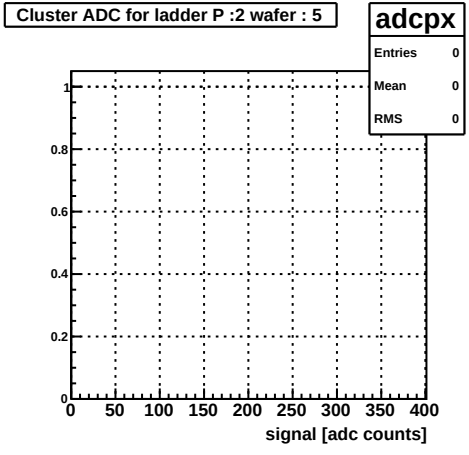

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

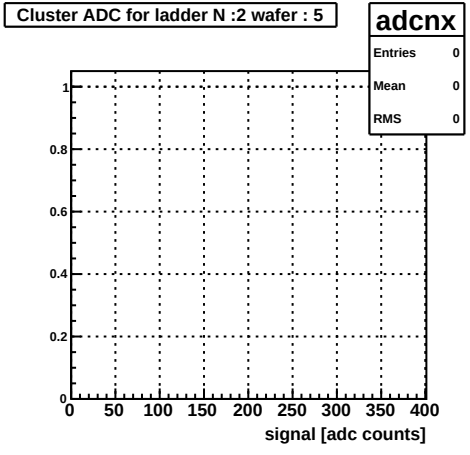

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

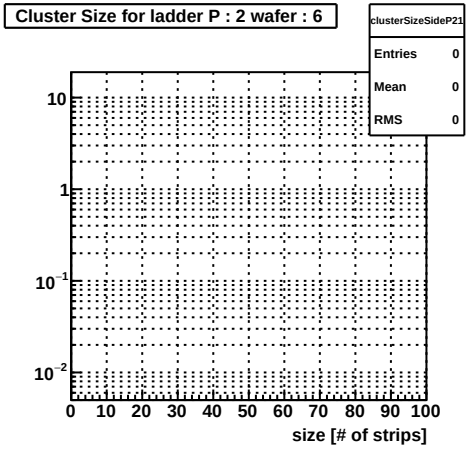

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

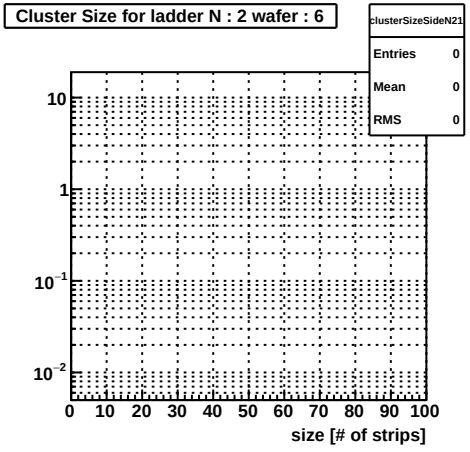

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

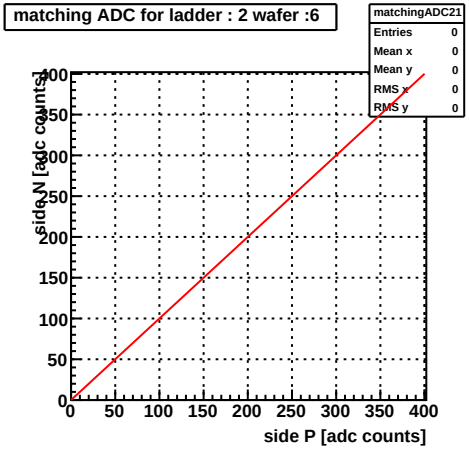

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

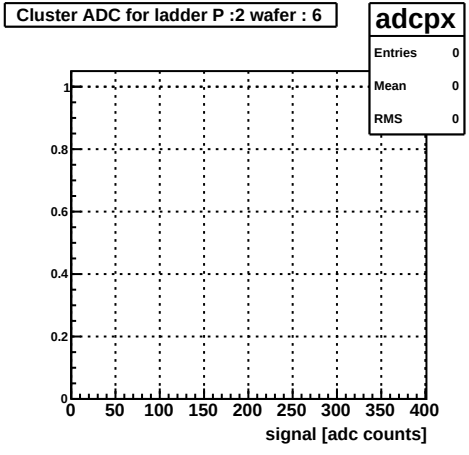

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

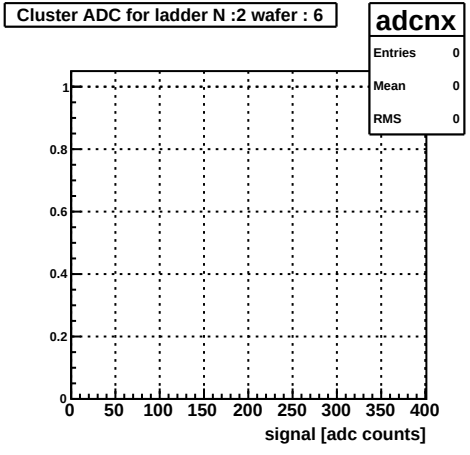

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

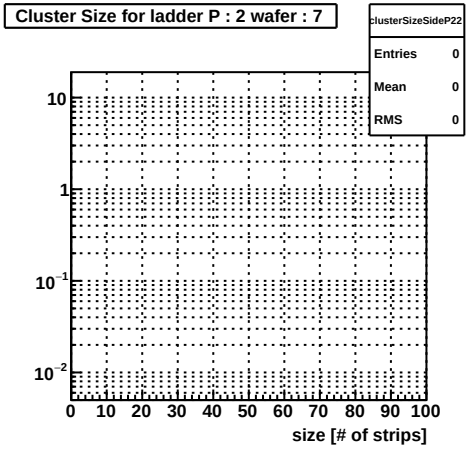

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

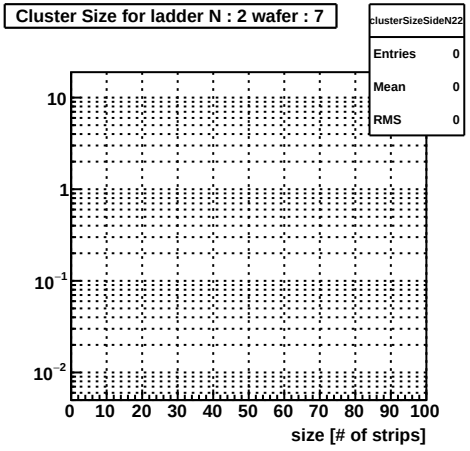

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

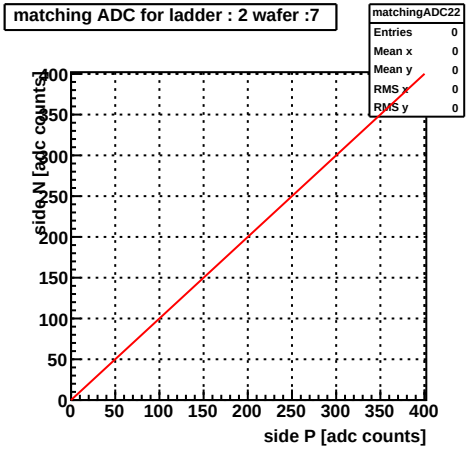

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

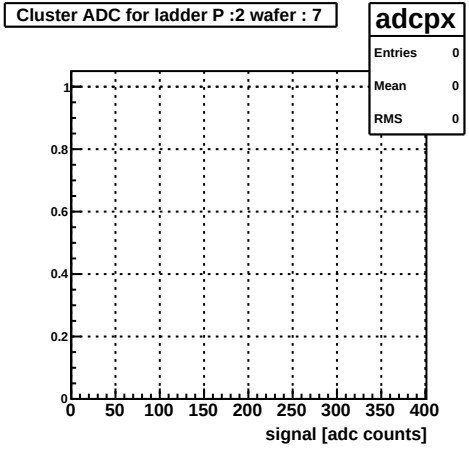

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

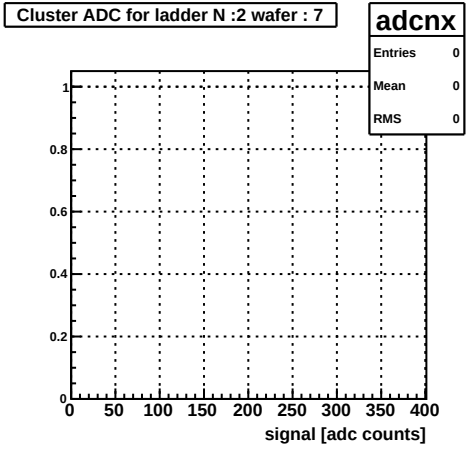

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

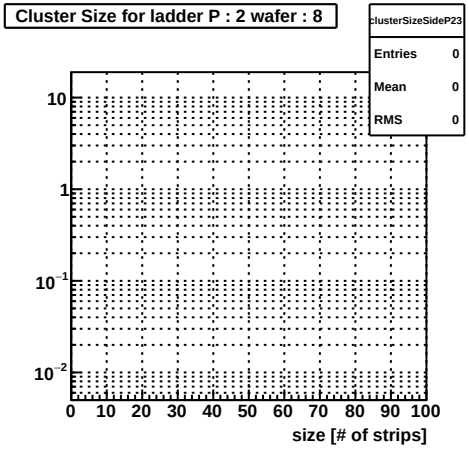

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

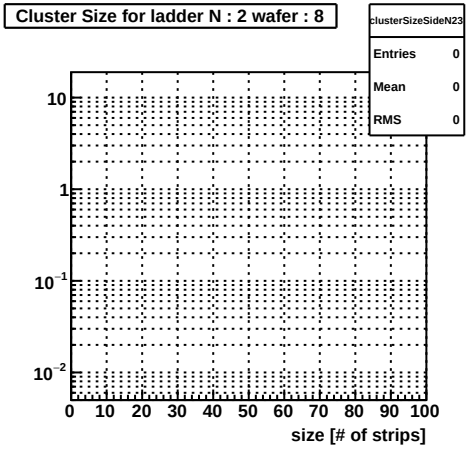

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

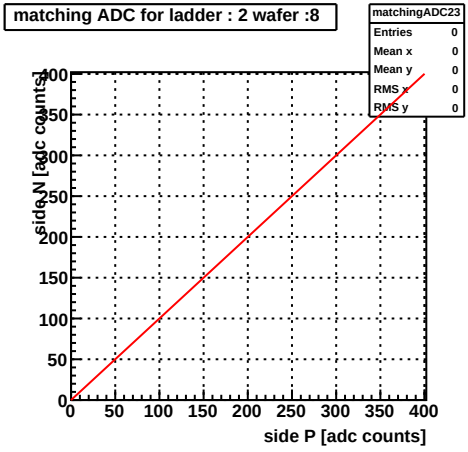

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

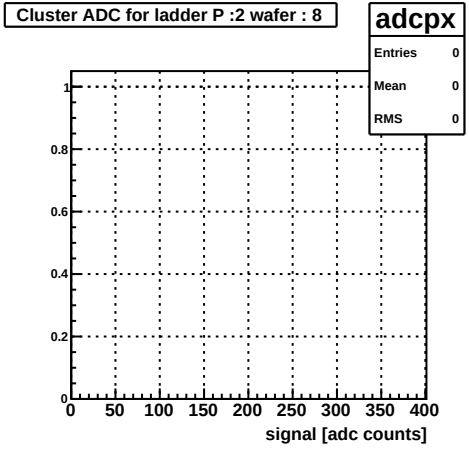

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

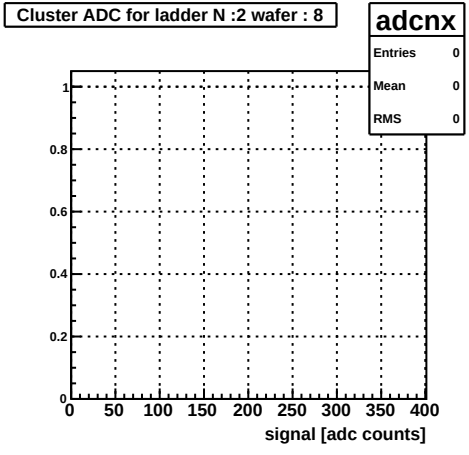

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

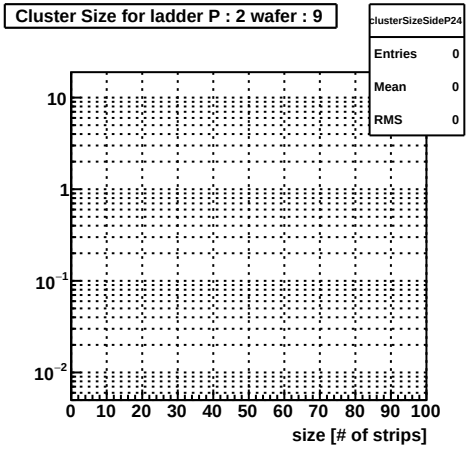

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

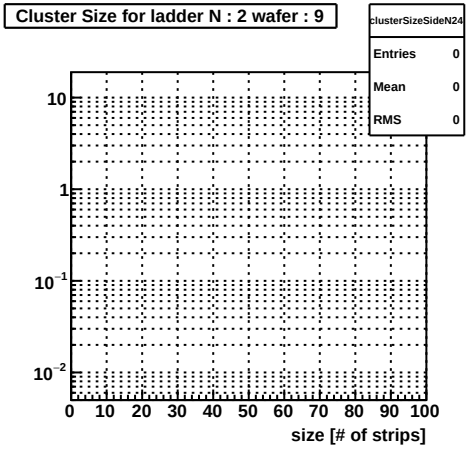

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

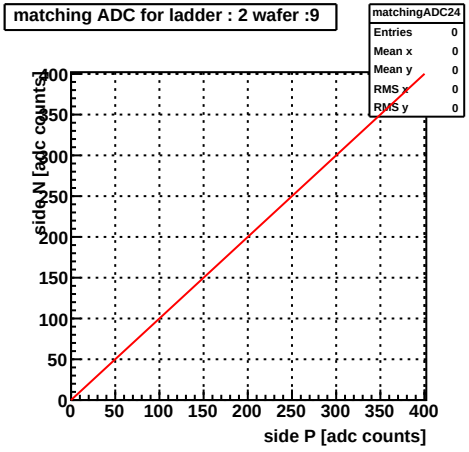

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

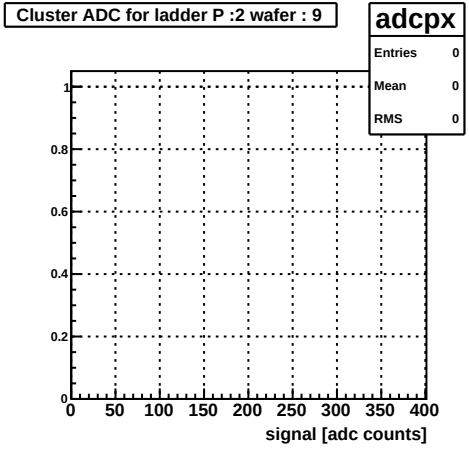

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

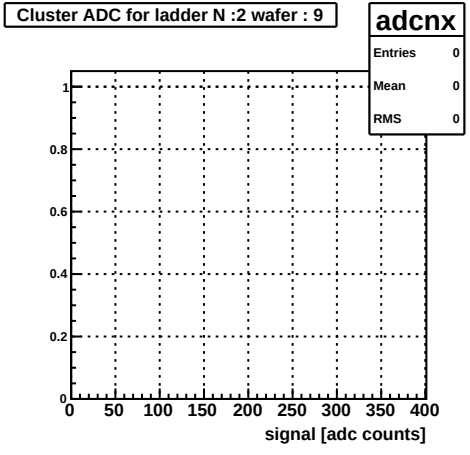

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

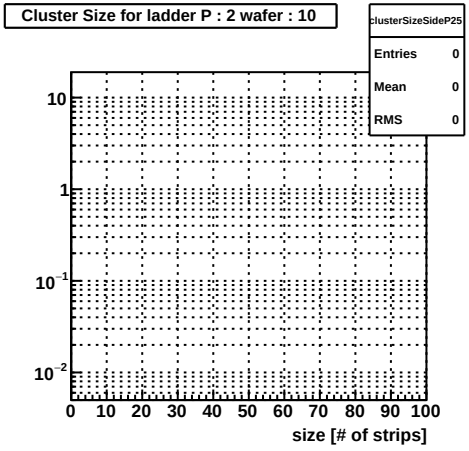

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

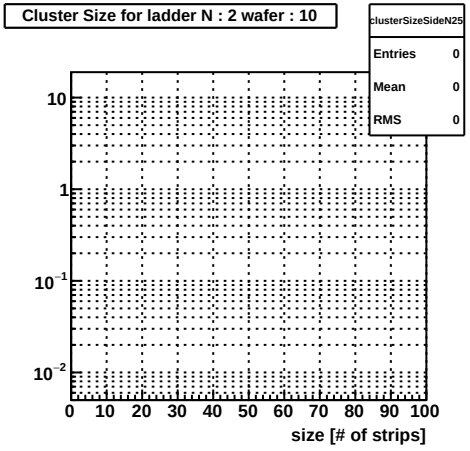

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

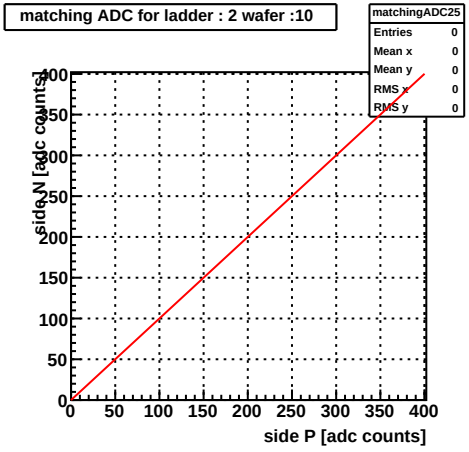

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

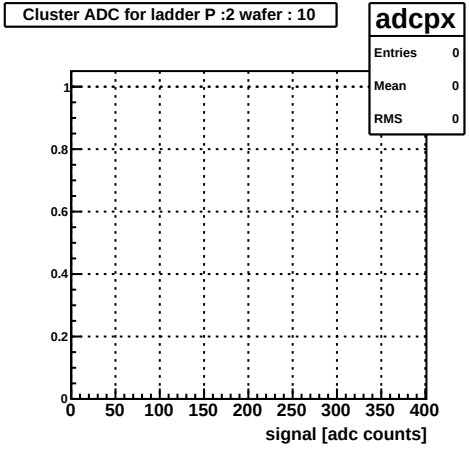

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

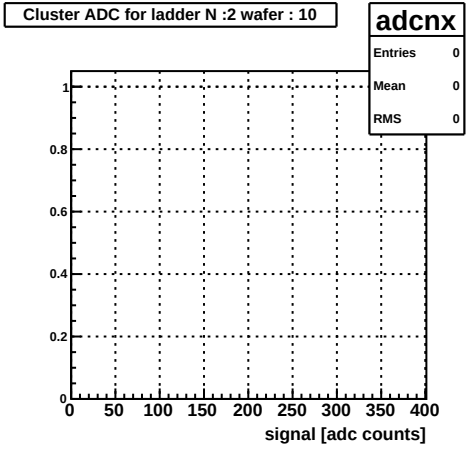

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

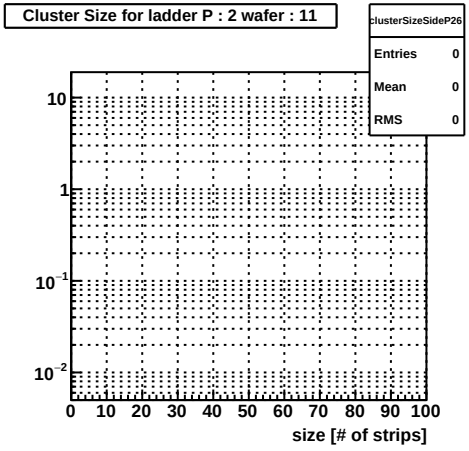

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

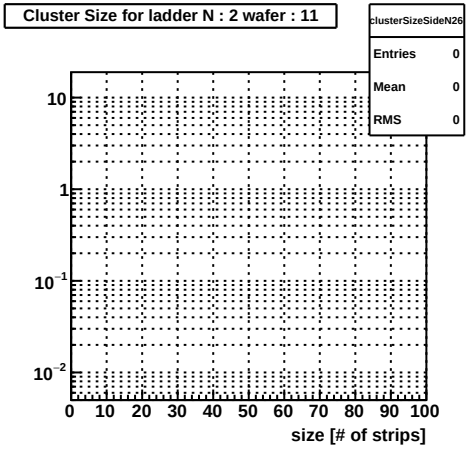

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

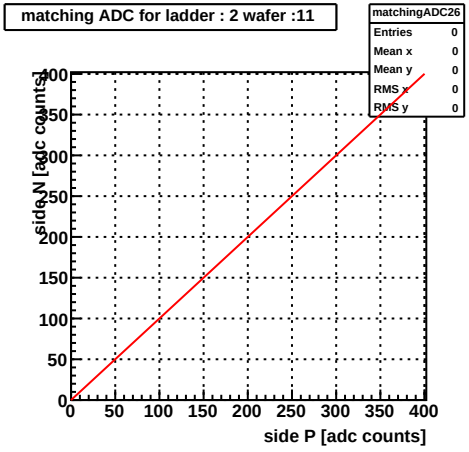

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

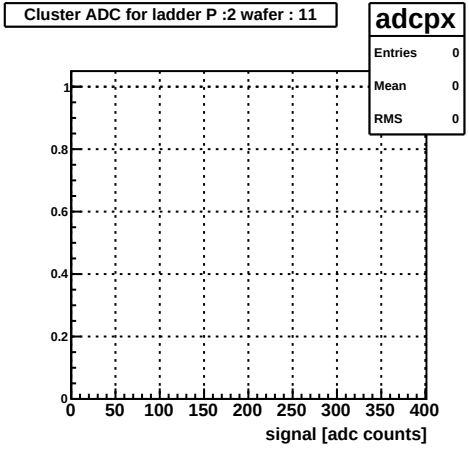

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

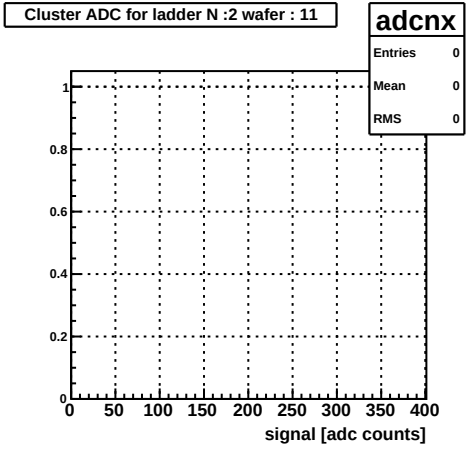

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

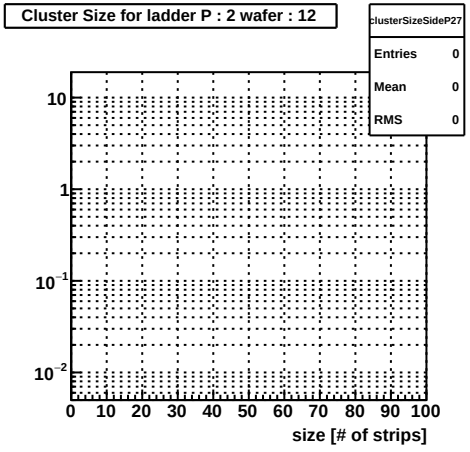

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

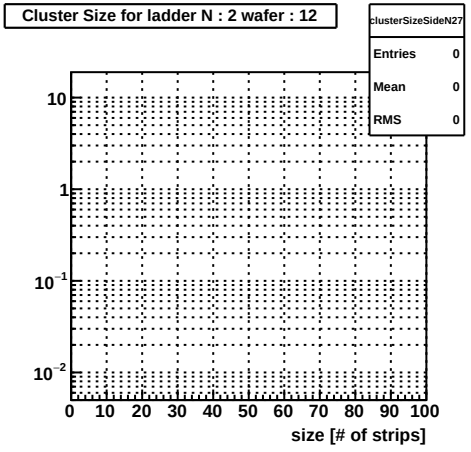

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

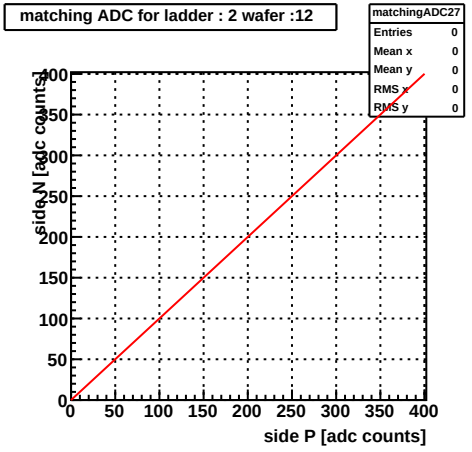

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

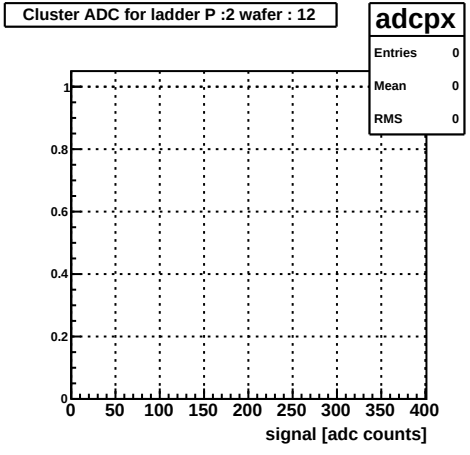

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

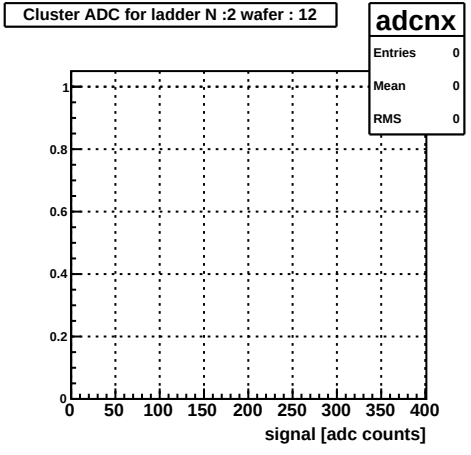

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

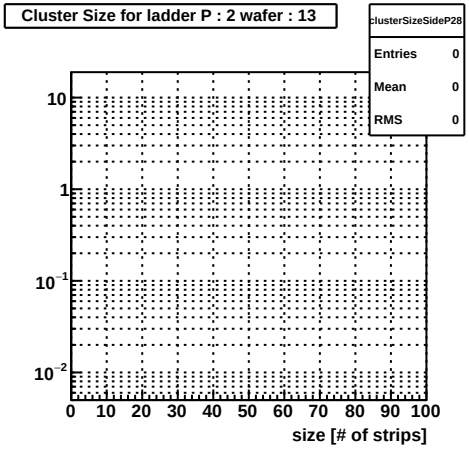

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

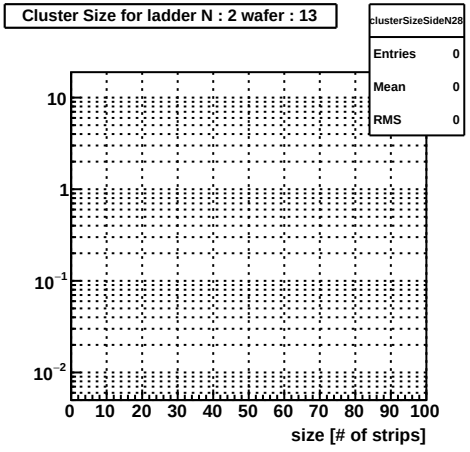

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

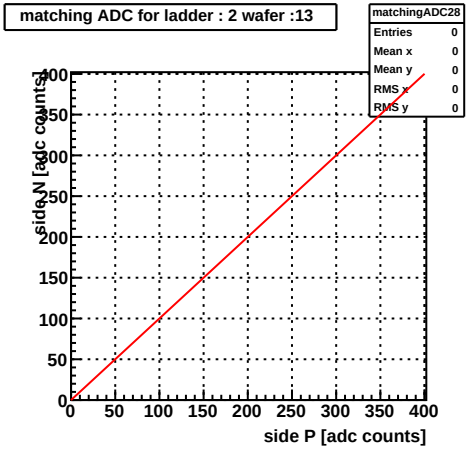

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

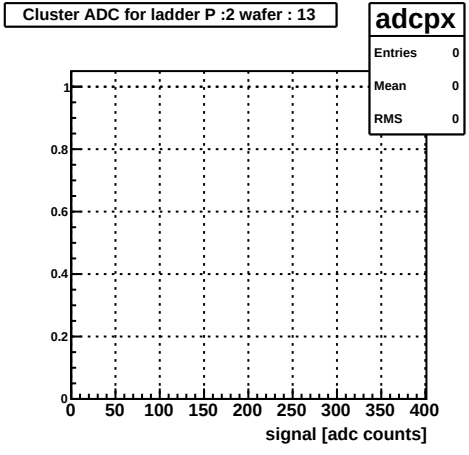

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

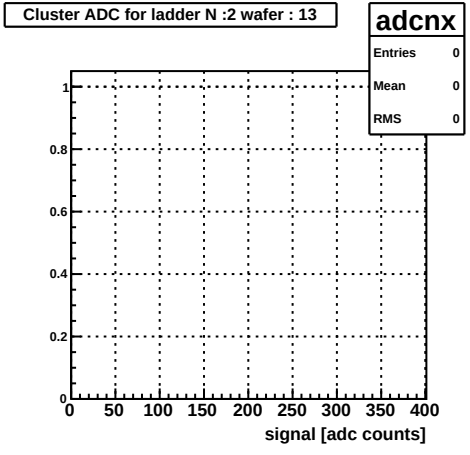

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

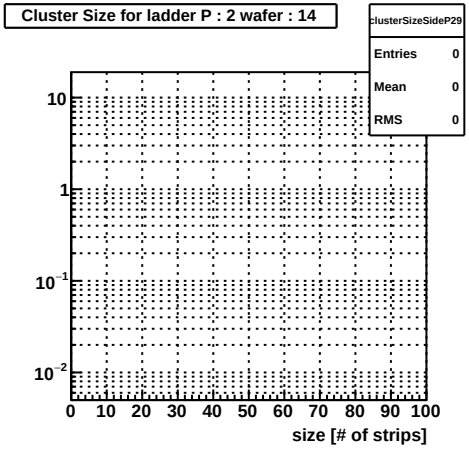

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

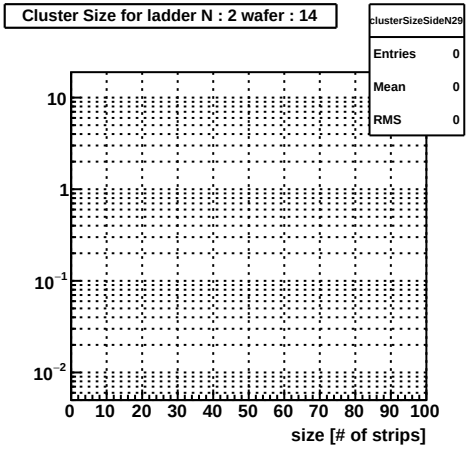

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

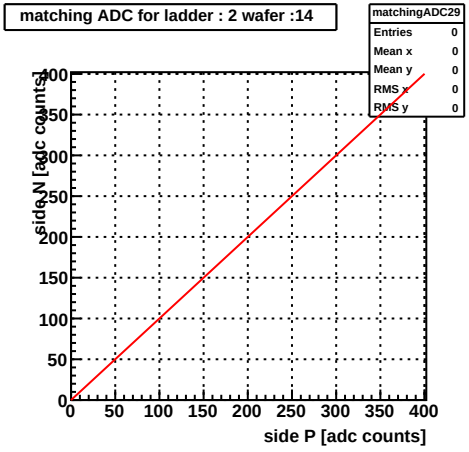

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

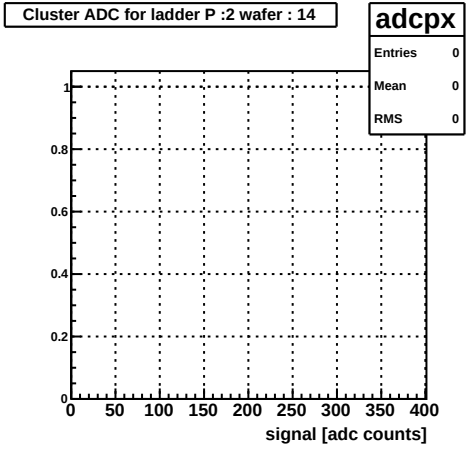

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

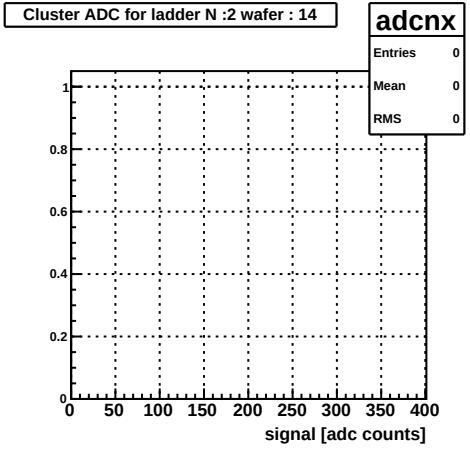

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

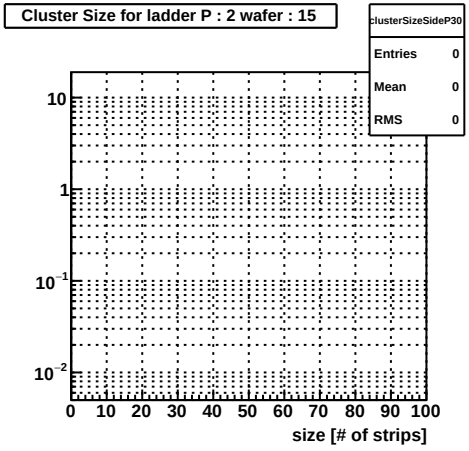

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

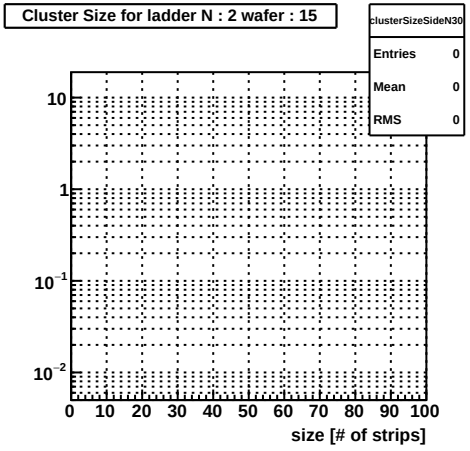

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

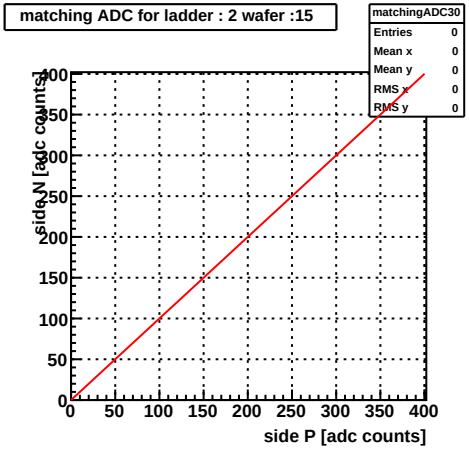

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

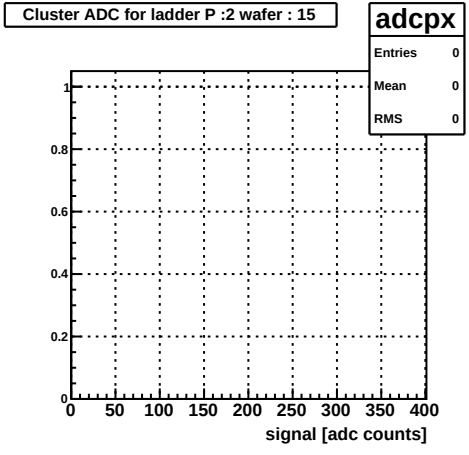

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

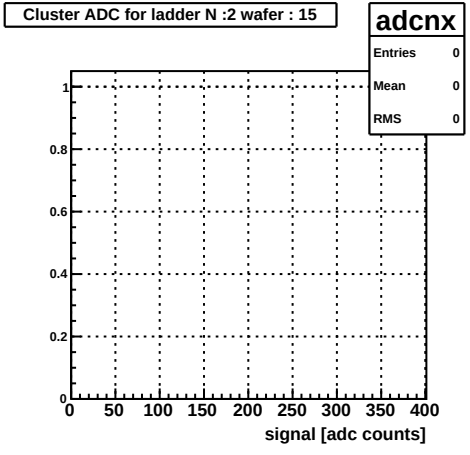

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

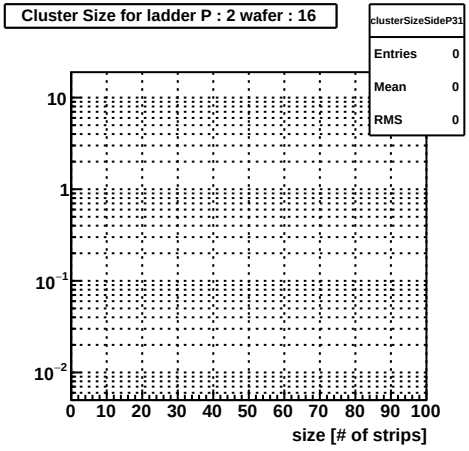

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

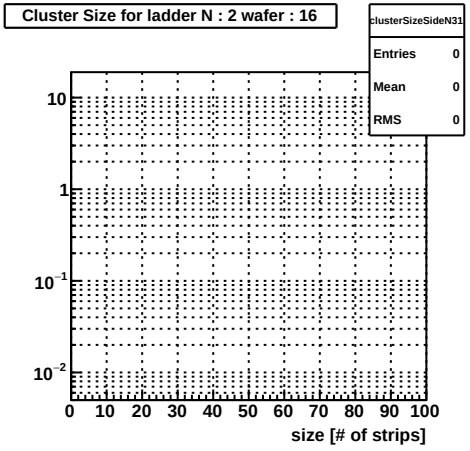

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

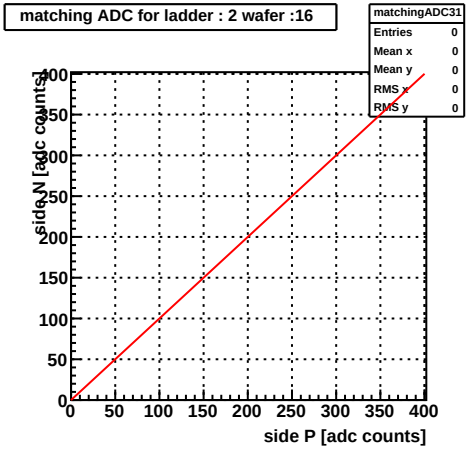

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

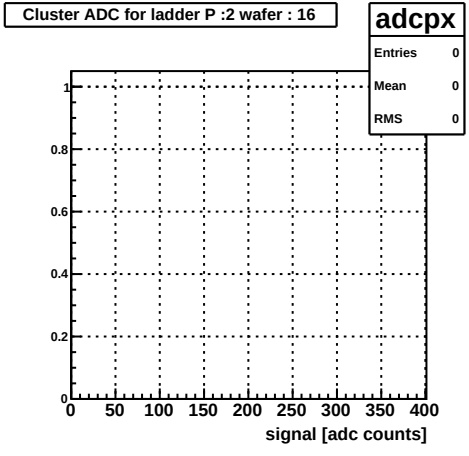

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

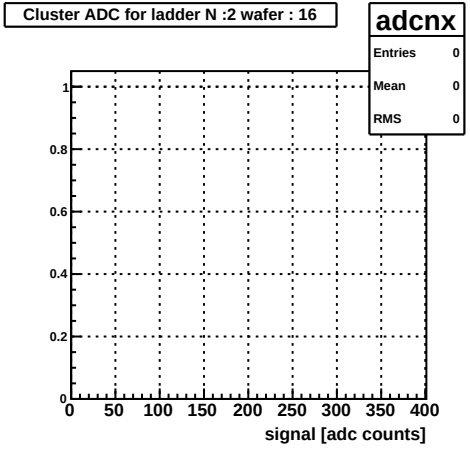

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

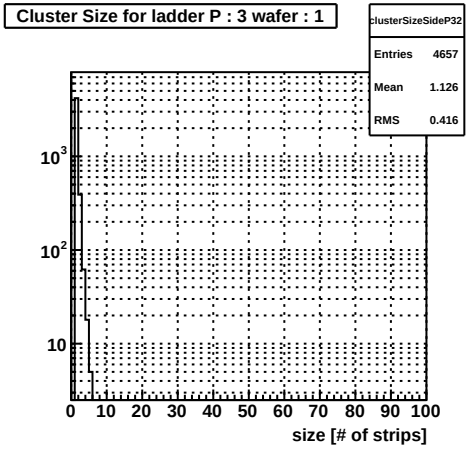

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

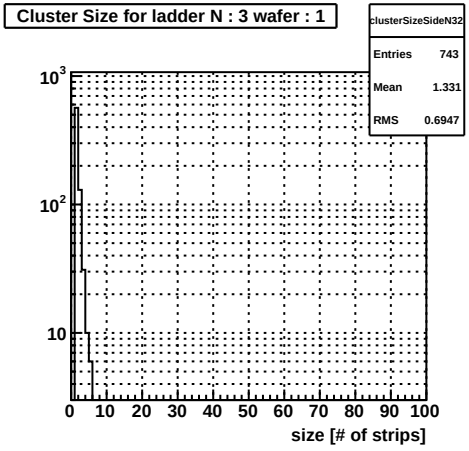

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

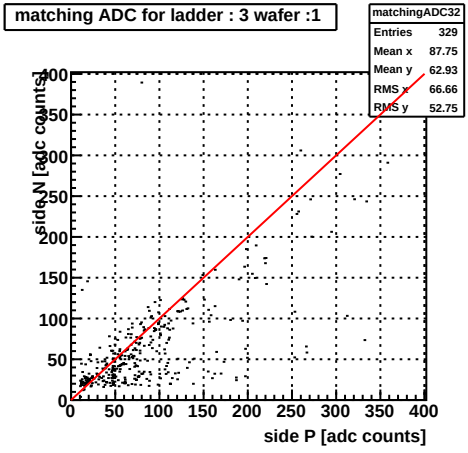

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

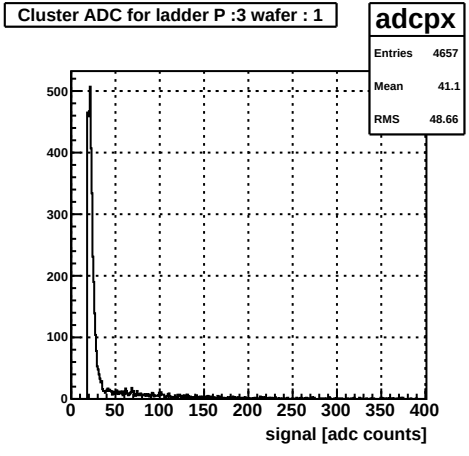

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

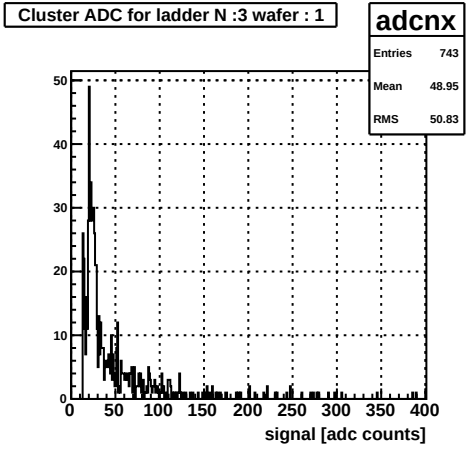

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

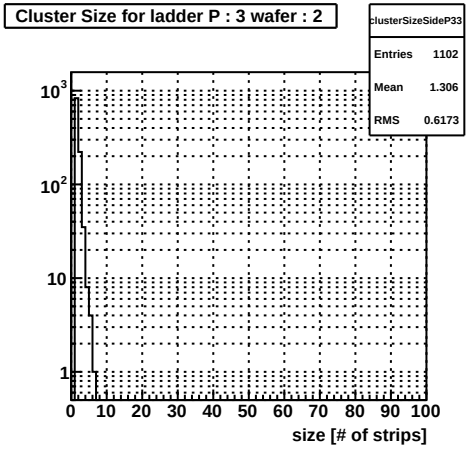

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 4657
Mean 1.126
RMS 0.416
size [# of strips]

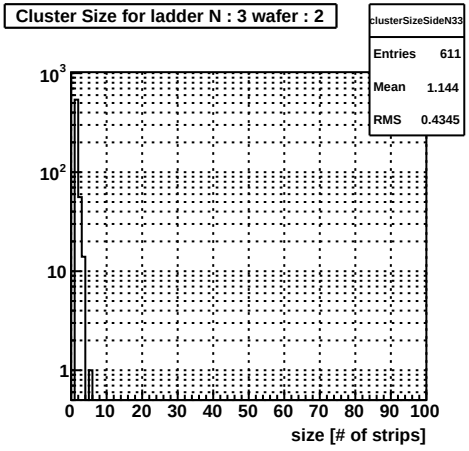

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 743
Mean 1.331
RMS 0.6947
size [# of strips]

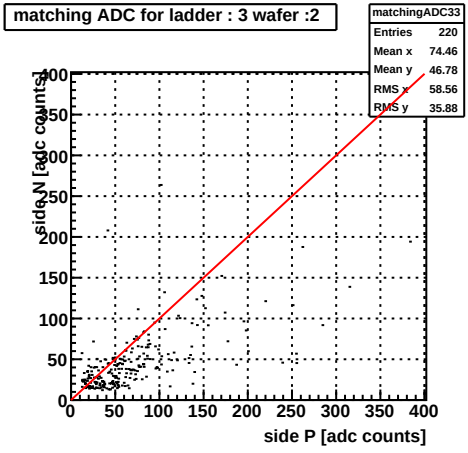

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 329
Mean x 87.75
Mean y 62.93
RMS x 66.66
RMS y 52.75
side N [adc counts]
side P [adc counts]

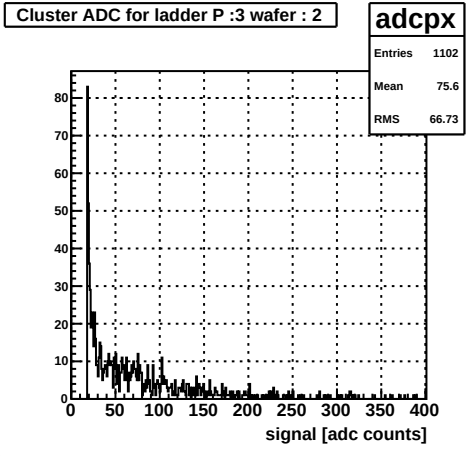

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 4657
Mean 41.1
RMS 48.66
signal [adc counts]

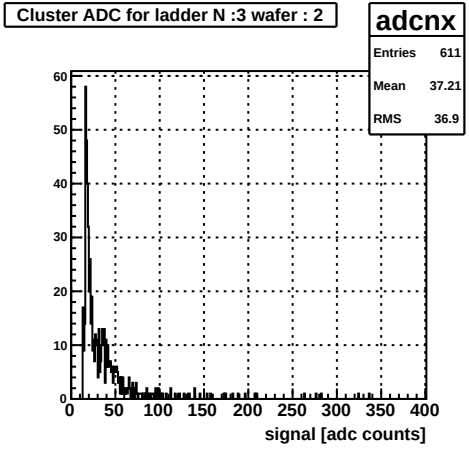

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 743
Mean 48.95
RMS 50.83
signal [adc counts]

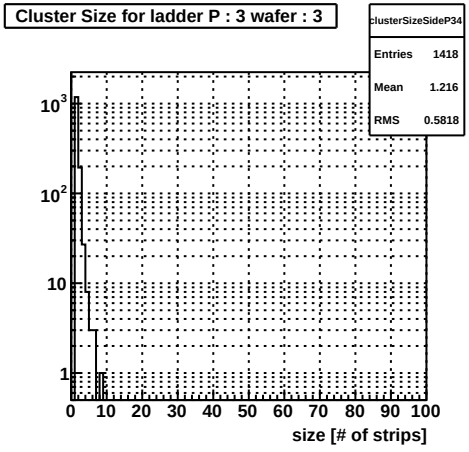

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 1102
Mean 1.306
RMS 0.6173
size [# of strips]

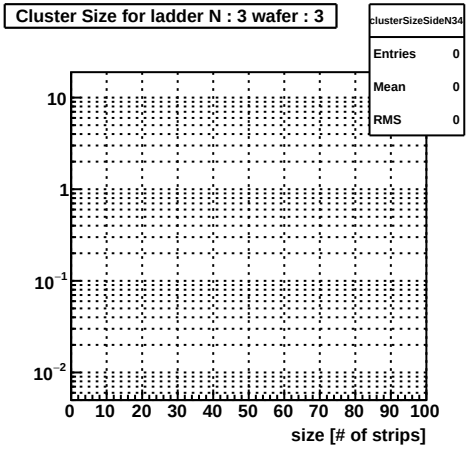

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 611
Mean 1.144
RMS 0.4345
size [# of strips]

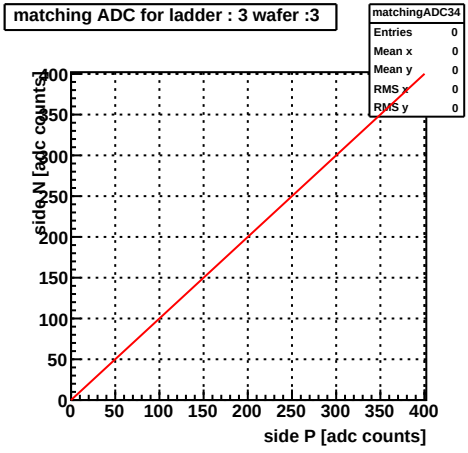

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 220
Mean x 74.46
Mean y 46.78
RMS x 58.56
RMS y 35.88
side N [adc counts]
side P [adc counts]

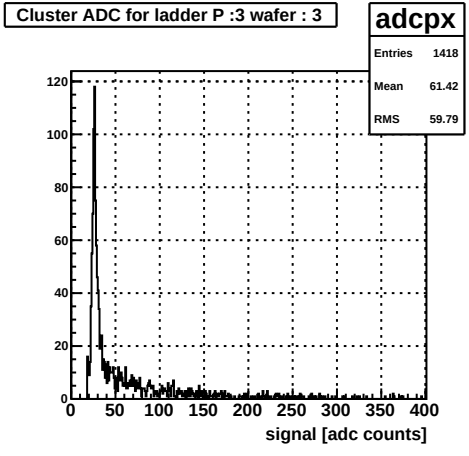

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 1102
Mean 75.6
RMS 66.73
signal [adc counts]

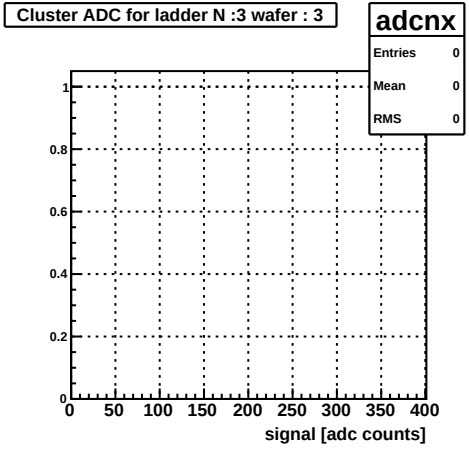

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 611
Mean 37.21
RMS 36.9
signal [adc counts]

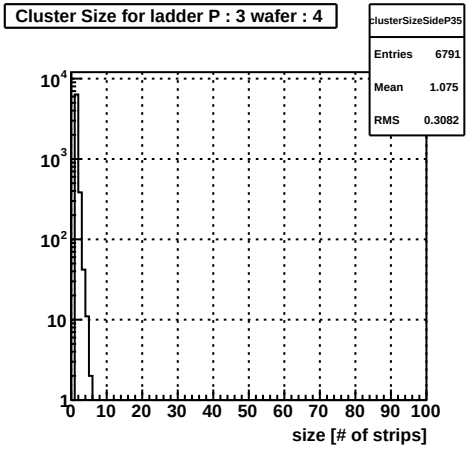

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 1418
Mean 1.216
RMS 0.5818
size [# of strips]

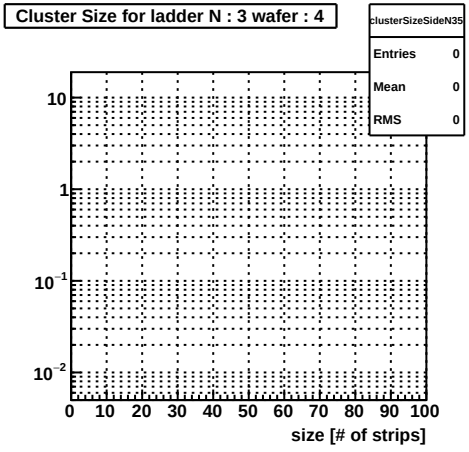

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

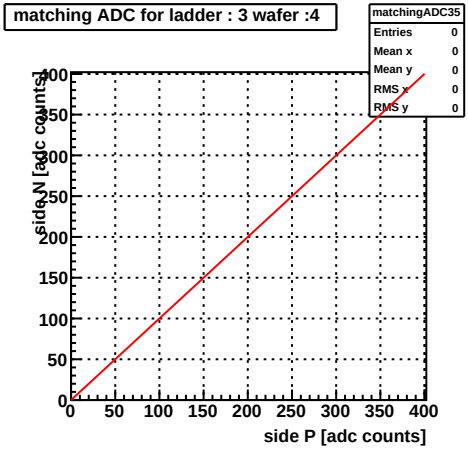

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

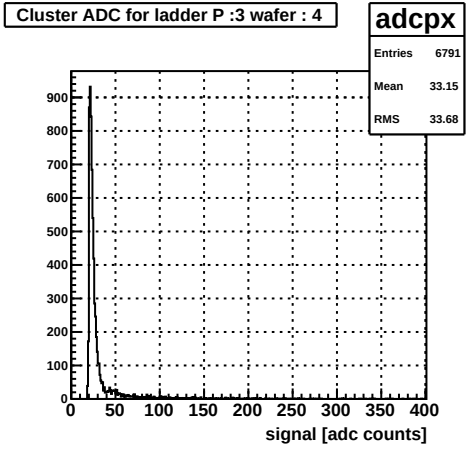

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 1418
Mean 61.42
RMS 59.79
signal [adc counts]

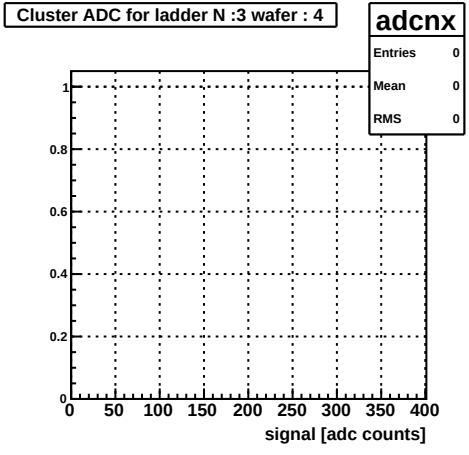

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

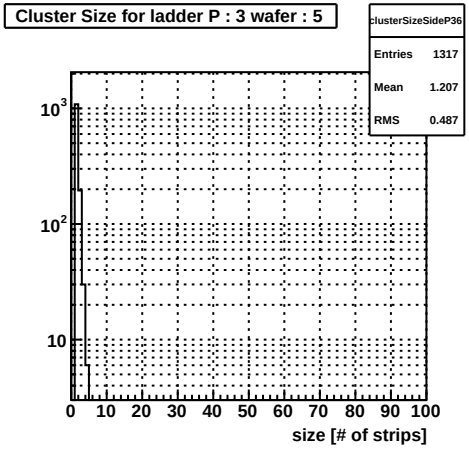

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 6791
Mean 1.075
RMS 0.3082
size [# of strips]

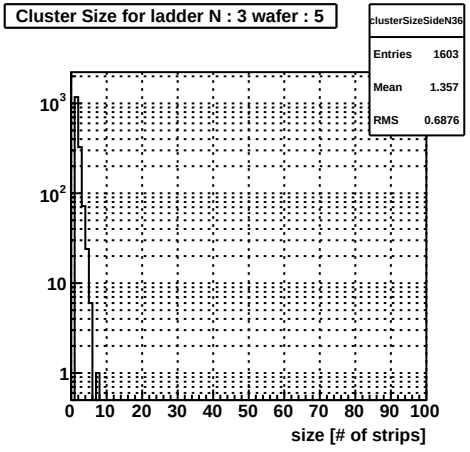

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

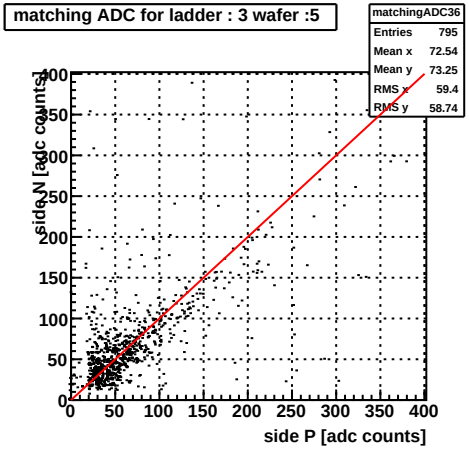

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

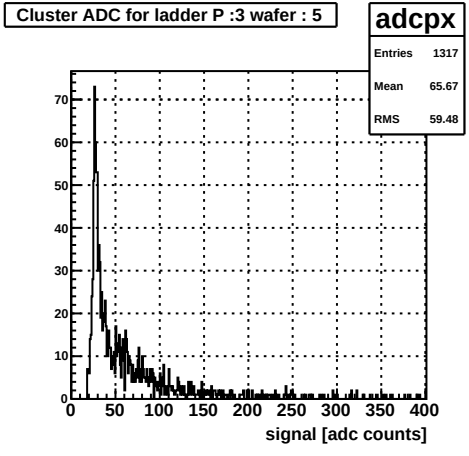

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 6791
Mean 33.15
RMS 33.68
signal [adc counts]

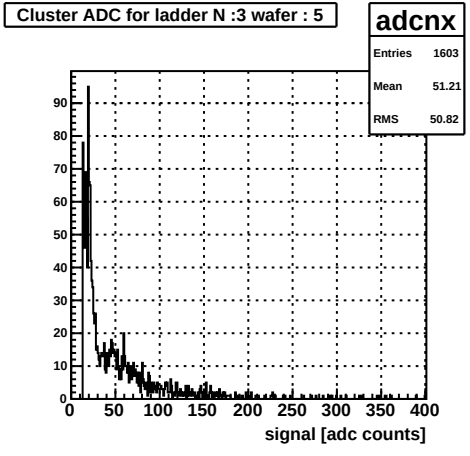

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

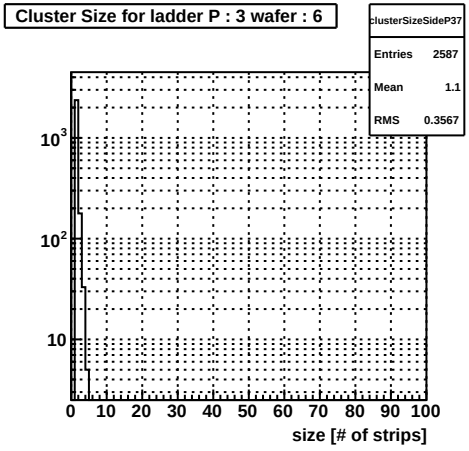

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 1317
Mean 1.207
RMS 0.487
size [# of strips]

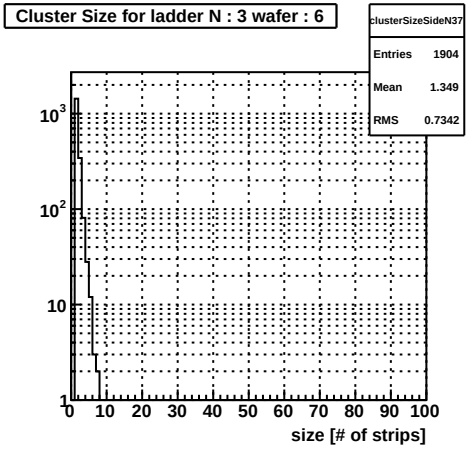

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 1603
Mean 1.357
RMS 0.6876
size [# of strips]

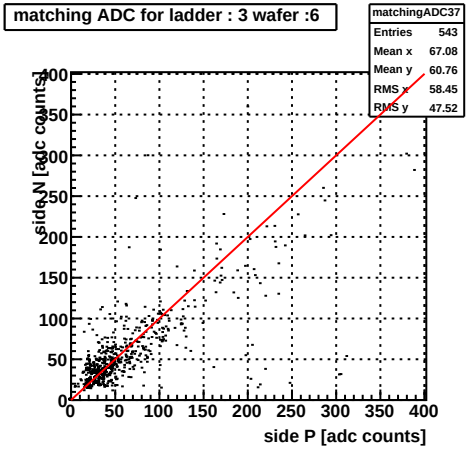

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 795
Mean x 72.54
Mean y 73.25
RMS x 59.4
RMS y 58.74
side N [adc counts]
side P [adc counts]

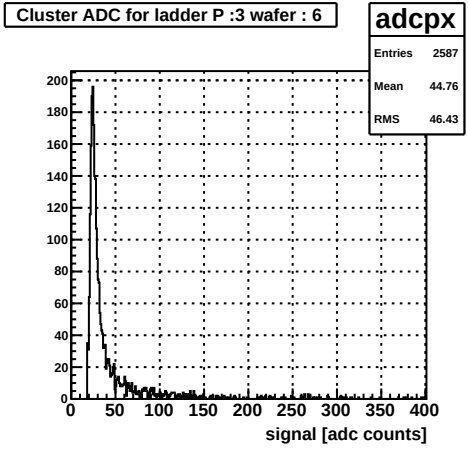

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 1317
Mean 65.67
RMS 59.48
signal [adc counts]

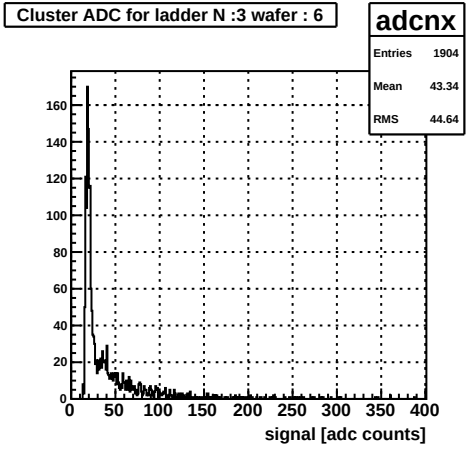

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 1603
Mean 51.21
RMS 50.82
signal [adc counts]

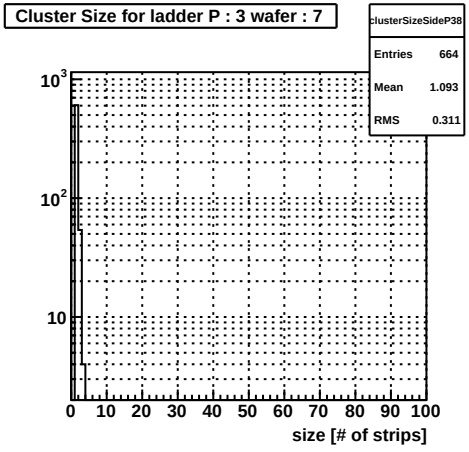

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 2587
Mean 1.1
RMS 0.3567
size [# of strips]

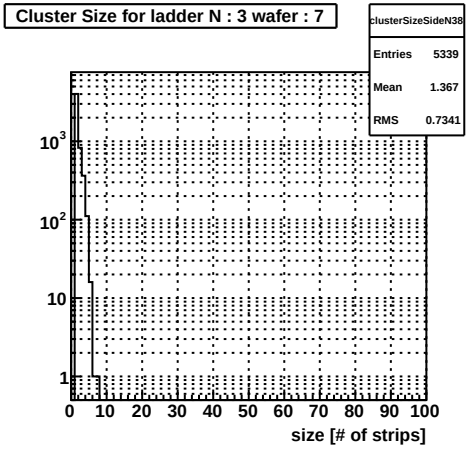

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 1904
Mean 1.349
RMS 0.7342
size [# of strips]

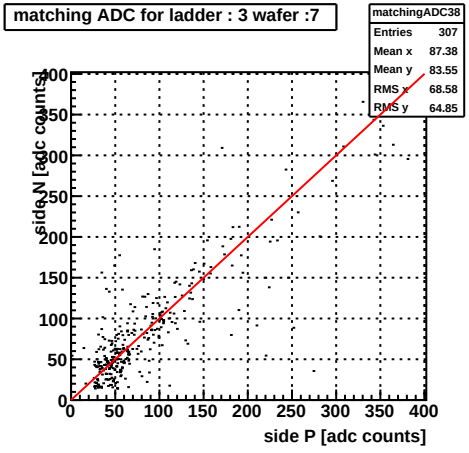

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 543
Mean x 67.08
Mean y 60.76
RMS x 58.45
RMS y 47.52
side N [adc counts]
side P [adc counts]

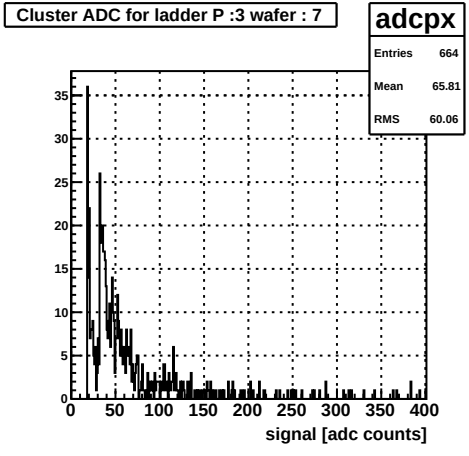

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 2587
Mean 44.76
RMS 46.43
signal [adc counts]

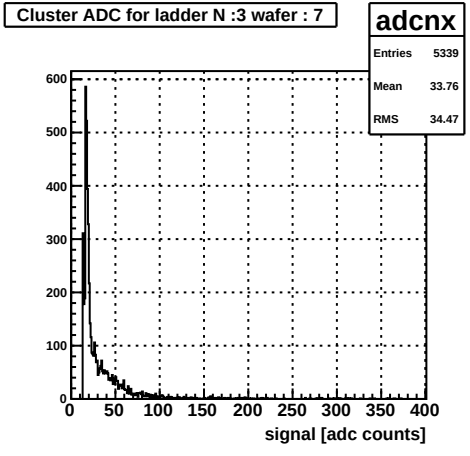

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 1904
Mean 43.34
RMS 44.64
signal [adc counts]

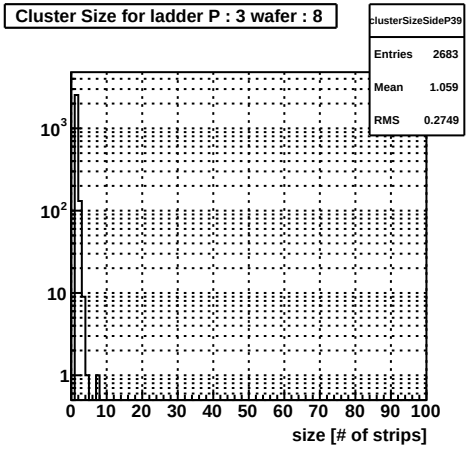

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 664
Mean 1.093
RMS 0.311
size [# of strips]

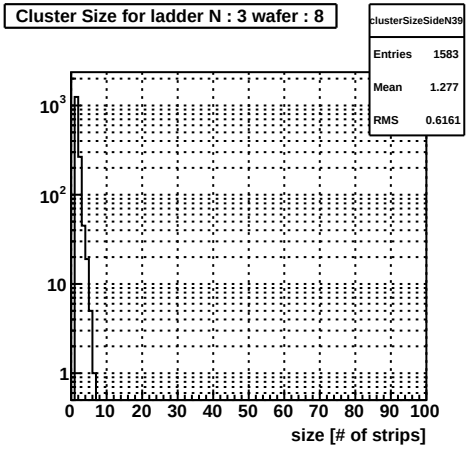

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 5339
Mean 1.367
RMS 0.7341
size [# of strips]

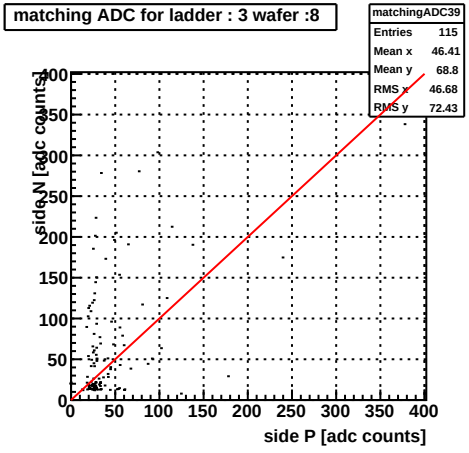

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 307
Mean x 87.38
Mean y 83.55
RMS x 68.58
RMS y 64.85
side N [adc counts]
side P [adc counts]

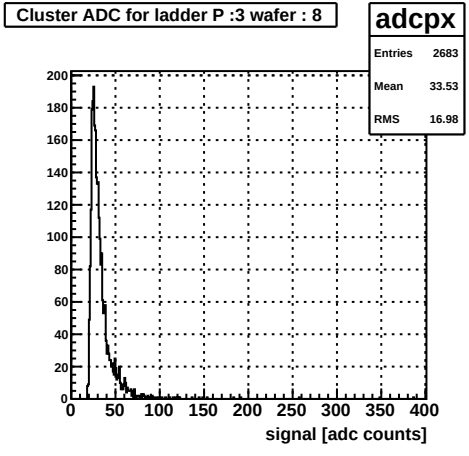

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 664
Mean 65.81
RMS 60.06
signal [adc counts]

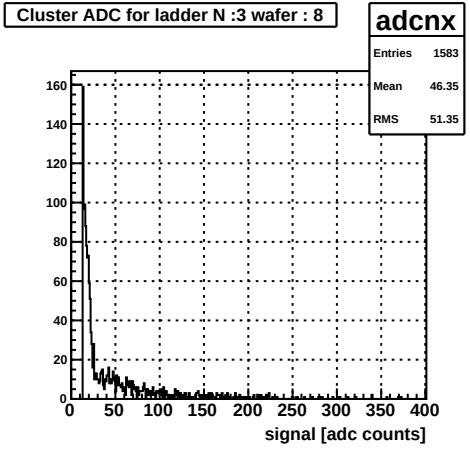

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 5339
Mean 33.76
RMS 34.47
signal [adc counts]

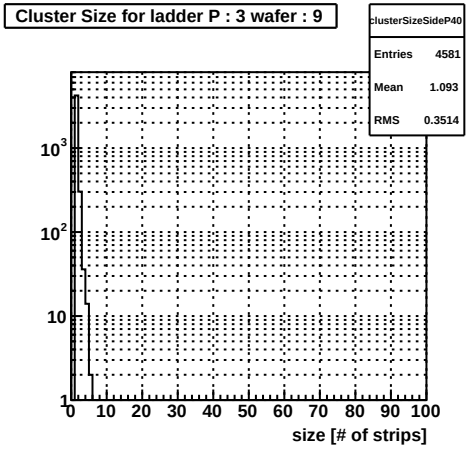

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 2683
Mean 1.059
RMS 0.2749
size [# of strips]

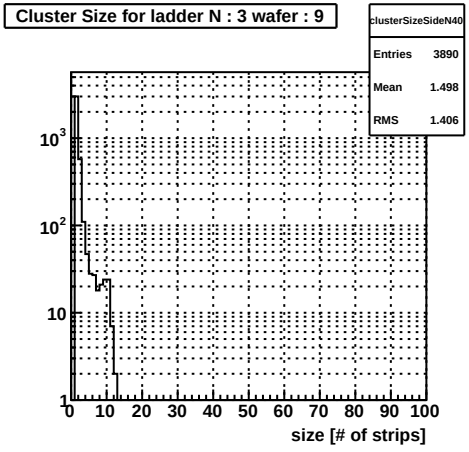

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 1583
Mean 1.277
RMS 0.6161
size [# of strips]

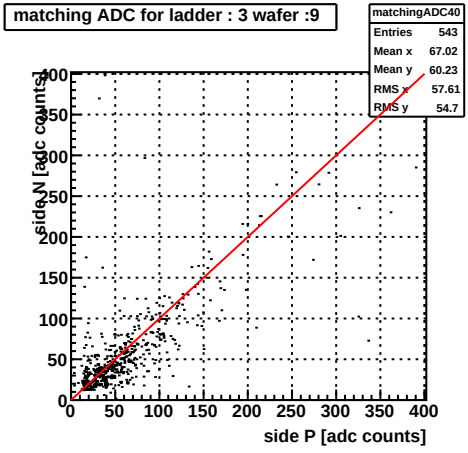

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 115
Mean x 46.41
Mean y 68.8
RMS x 46.68
RMS y 72.43
side N [adc counts]
side P [adc counts]

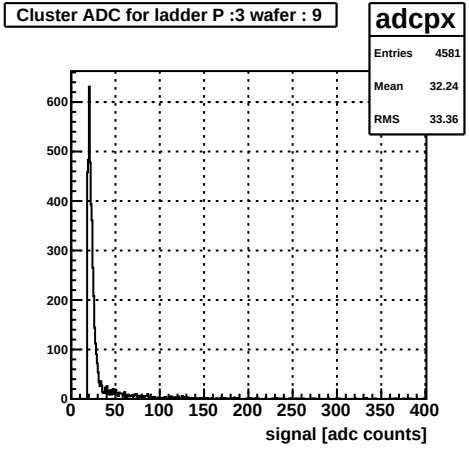

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 2683
Mean 33.53
RMS 16.98
signal [adc counts]

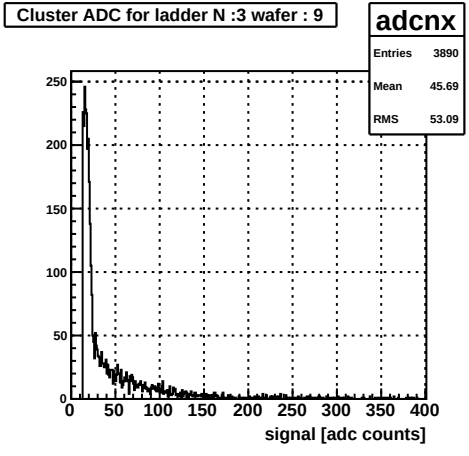

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 1583
Mean 46.35
RMS 51.35
signal [adc counts]

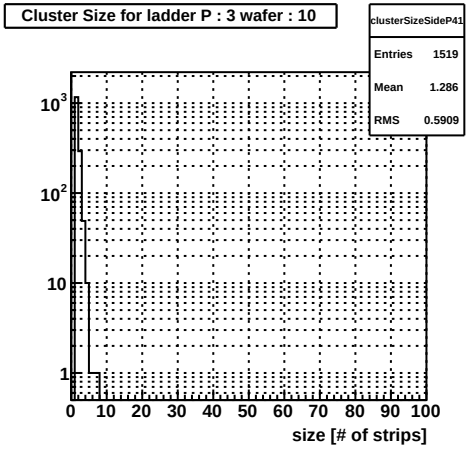

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 4581
Mean 1.093
RMS 0.3514
size [# of strips]

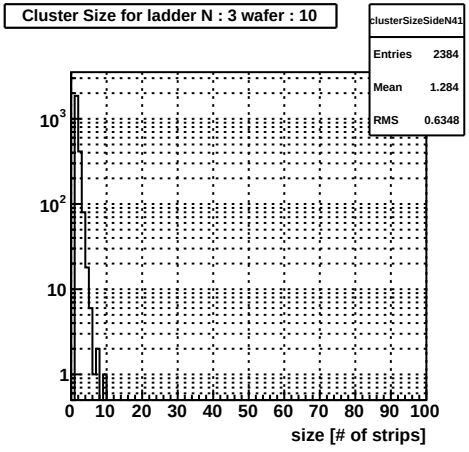

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 3890
Mean 1.498
RMS 1.406
size [# of strips]

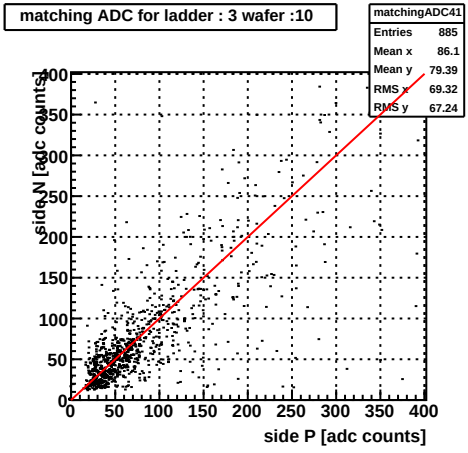

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 543
Mean x 67.02
Mean y 60.23
RMS x 57.61
RMS y 54.7
side N [adc counts]
side P [adc counts]

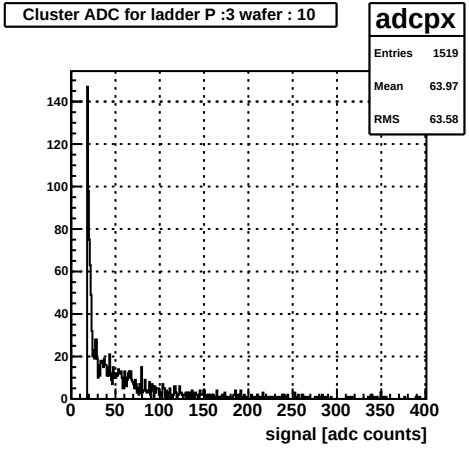

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 4581
Mean 32.24
RMS 33.36
signal [adc counts]

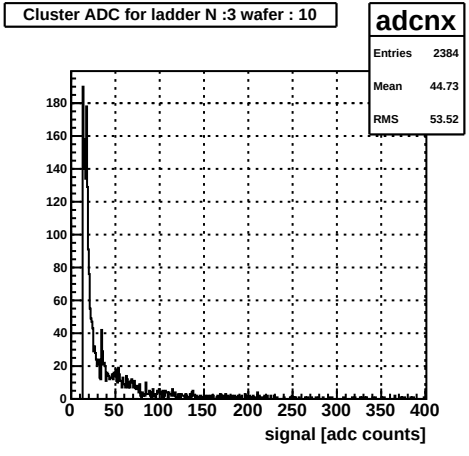

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 3890
Mean 45.69
RMS 53.09
signal [adc counts]

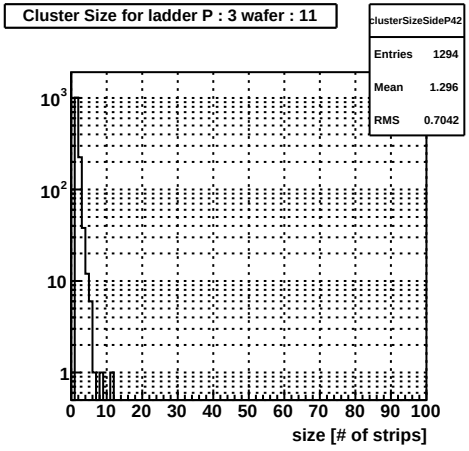

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 1519
Mean 1.286
RMS 0.5909
size [# of strips]

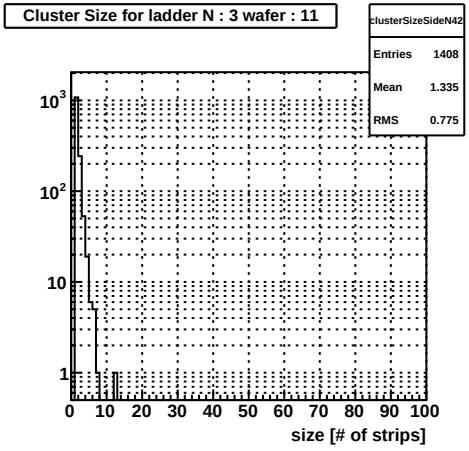

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 2384
Mean 1.284
RMS 0.6348
size [# of strips]

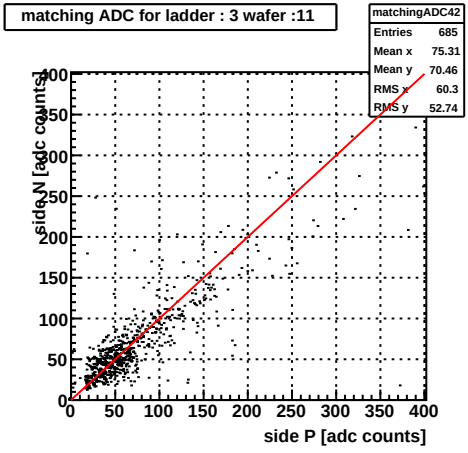

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 885
Mean x 86.1
Mean y 79.39
RMS x 69.32
RMS y 67.24
side N [adc counts]
side P [adc counts]

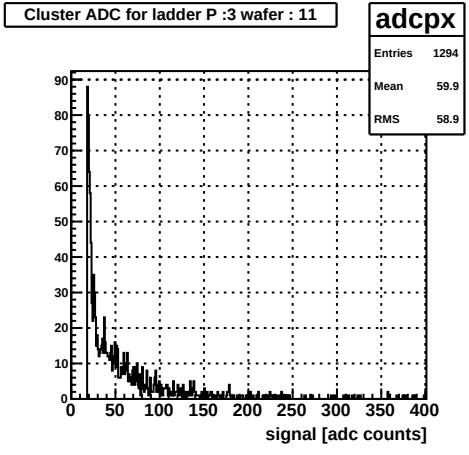

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 1519
Mean 63.97
RMS 63.58
signal [adc counts]

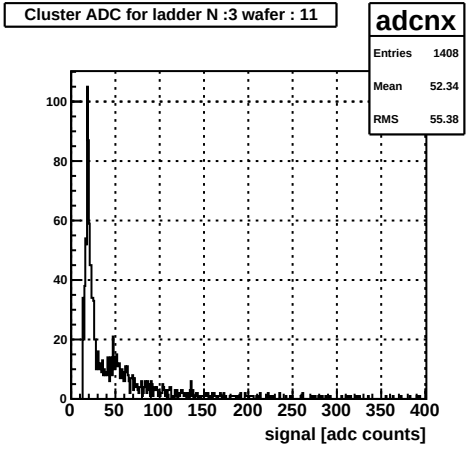

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 2384
Mean 44.73
RMS 53.52
signal [adc counts]

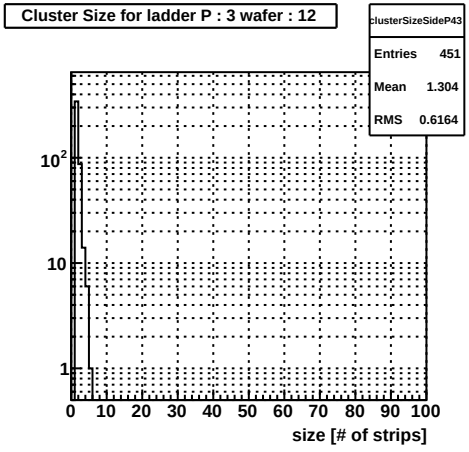

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 1294
Mean 1.296
RMS 0.7042
size [# of strips]

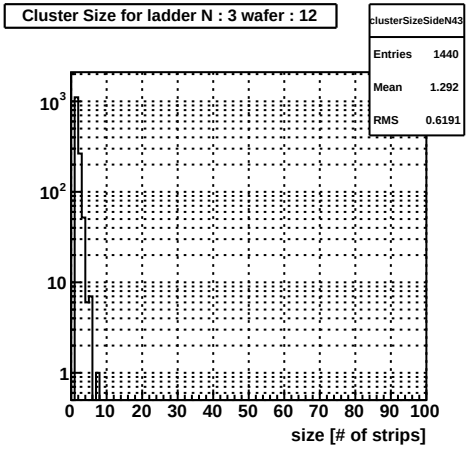

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 1408
Mean 1.335
RMS 0.775
size [# of strips]

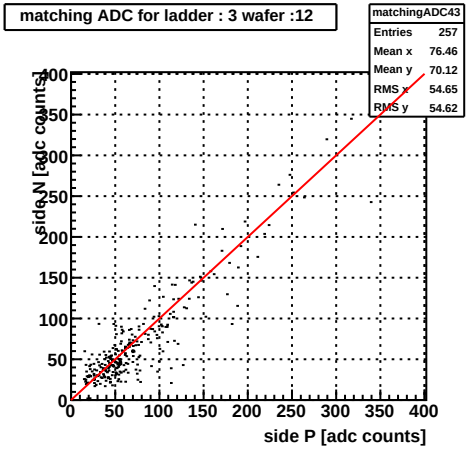

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 685
Mean x 75.31
Mean y 70.46
RMS x 60.3
RMS y 52.74
side N [adc counts]
side P [adc counts]

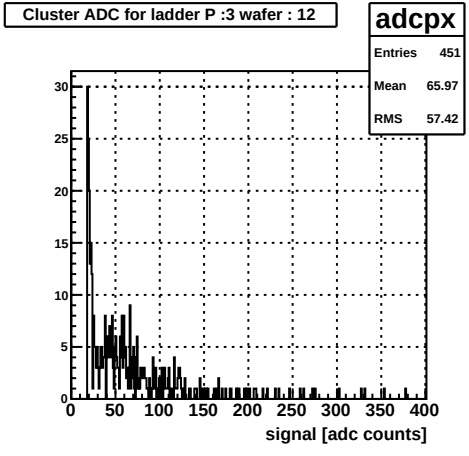

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 1294
Mean 59.9
RMS 58.9
signal [adc counts]

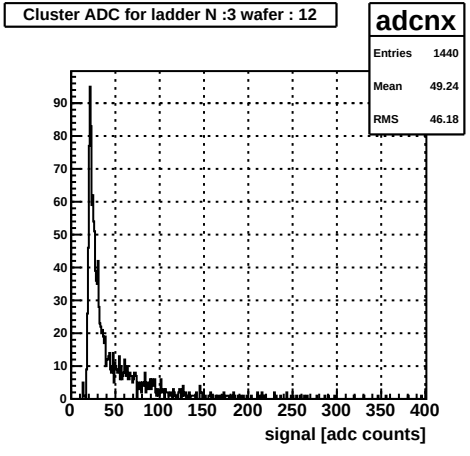

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 1408
Mean 52.34
RMS 55.38
signal [adc counts]

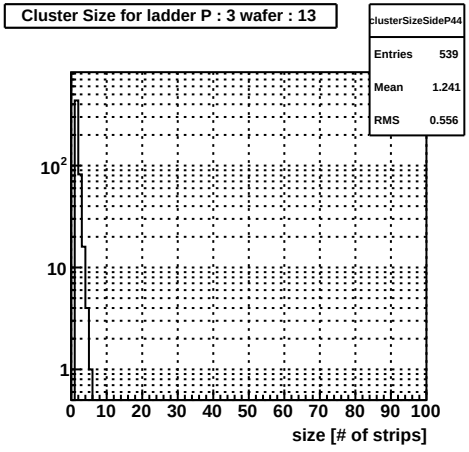

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 451
Mean 1.304
RMS 0.6164
size [# of strips]

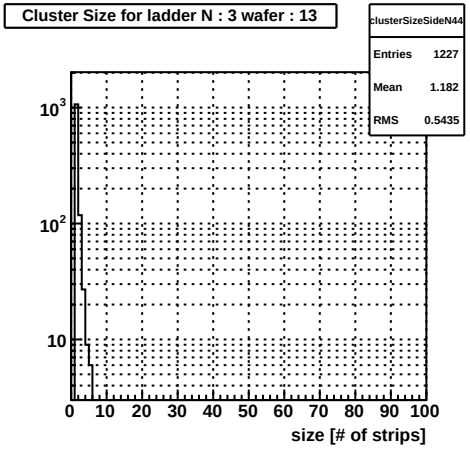

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 1440
Mean 1.292
RMS 0.6191
size [# of strips]

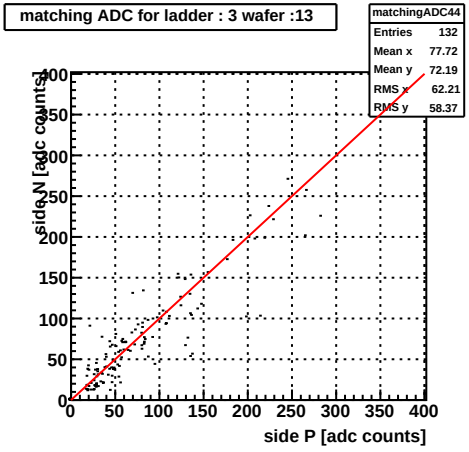

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 257
Mean x 76.46
Mean y 70.12
RMS x 54.65
RMS y 54.62
side N [adc counts]
side P [adc counts]

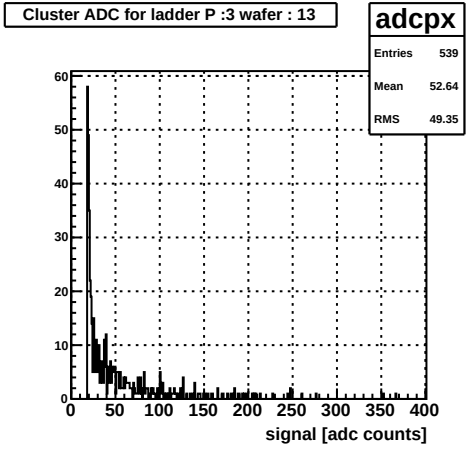

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 451
Mean 65.97
RMS 57.42
signal [adc counts]

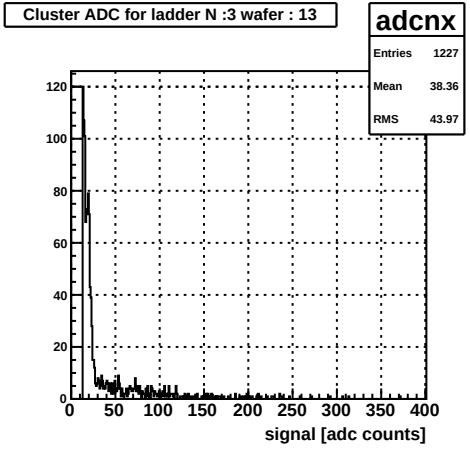

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 1440
Mean 49.24
RMS 46.18
signal [adc counts]

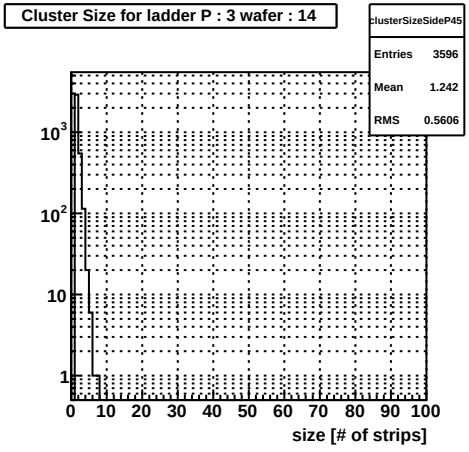

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 539
Mean 1.241
RMS 0.556
size [# of strips]

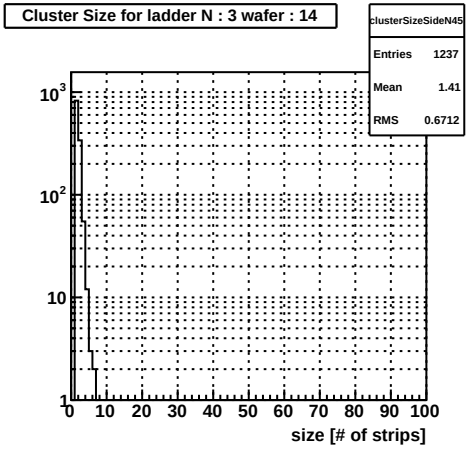

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 1227
Mean 1.182
RMS 0.5435
size [# of strips]

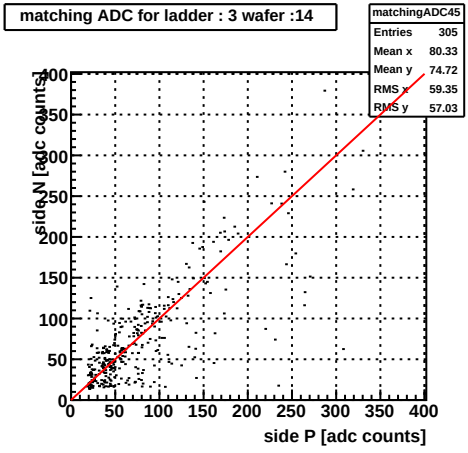

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 132
Mean x 77.72
Mean y 72.19
RMS x 62.21
RMS y 58.37
side N [adc counts]
side P [adc counts]

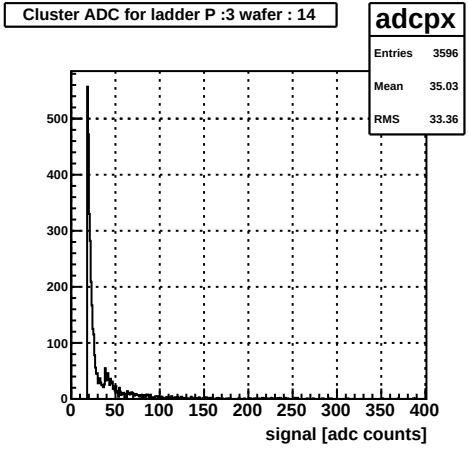

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 539
Mean 52.64
RMS 49.35
signal [adc counts]

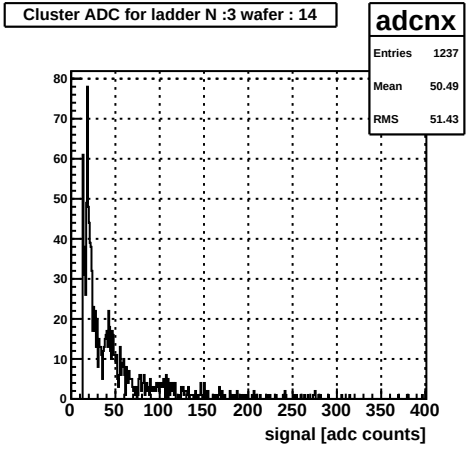

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 1227
Mean 38.36
RMS 43.97
signal [adc counts]

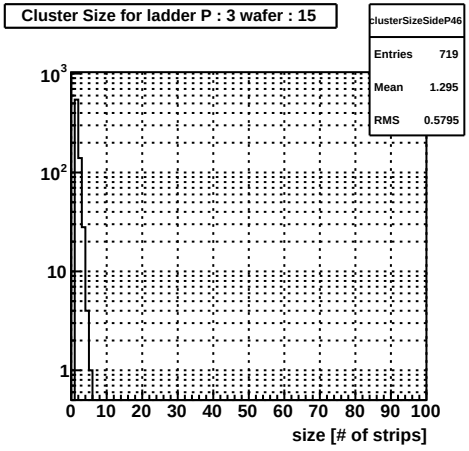

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 3596
Mean 1.242
RMS 0.5606
size [# of strips]

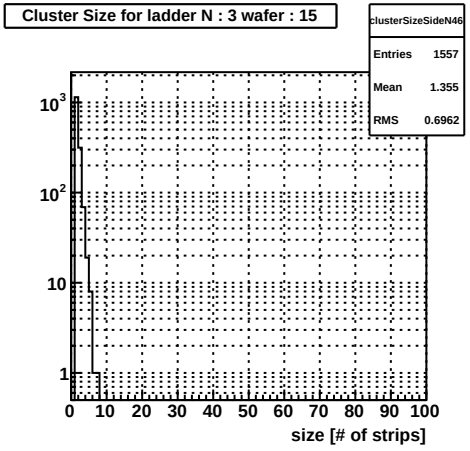

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 1237
Mean 1.41
RMS 0.6712
size [# of strips]

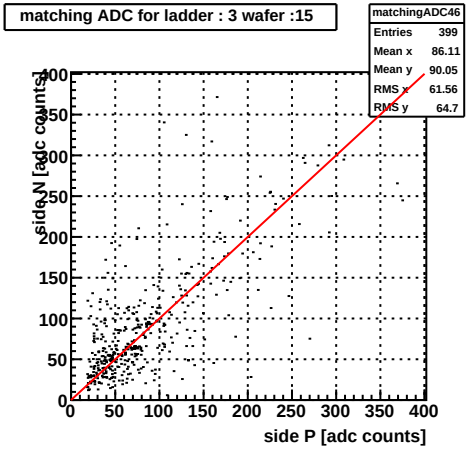

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 305
Mean x 80.33
Mean y 74.72
RMS x 59.35
RMS y 57.03
side N [adc counts]
side P [adc counts]

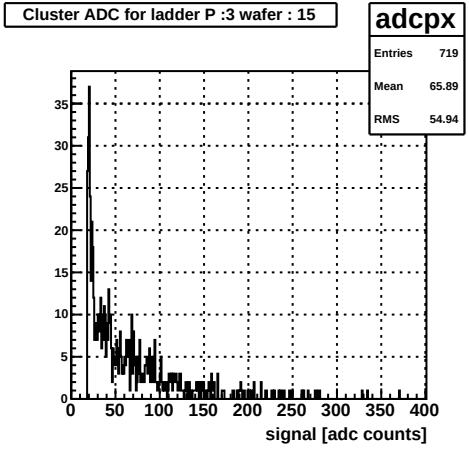

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 3596
Mean 35.03
RMS 33.36
signal [adc counts]

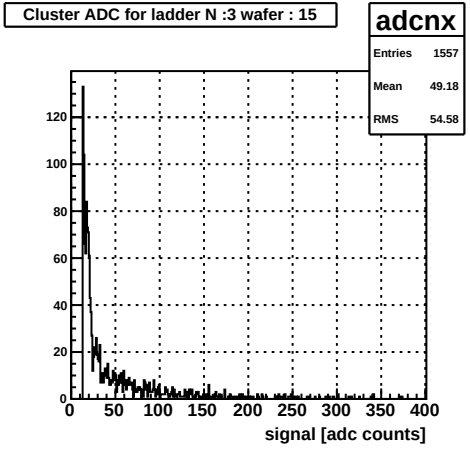

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 1237
Mean 50.49
RMS 51.43
signal [adc counts]

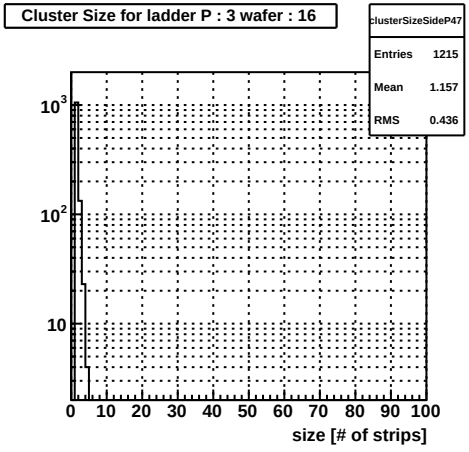

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 719
Mean 1.295
RMS 0.5795
size [# of strips]

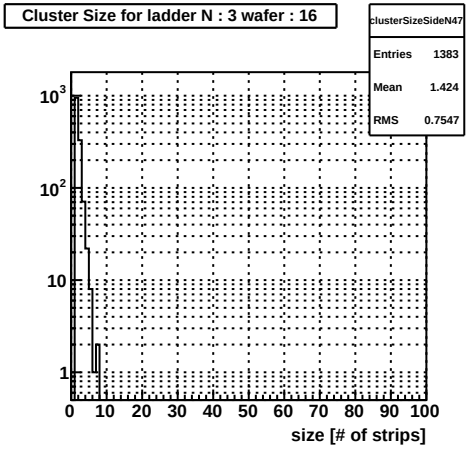

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 1557
Mean 1.355
RMS 0.6962
size [# of strips]

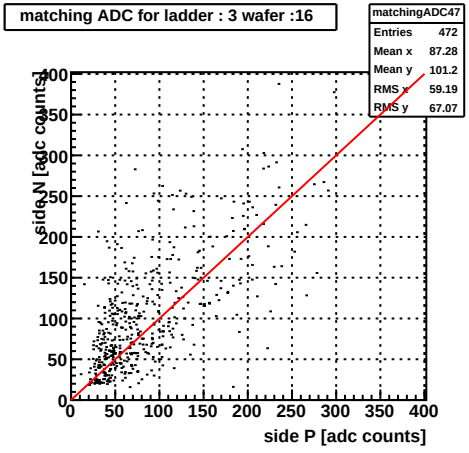

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 399
Mean x 86.11
Mean y 90.05
RMS x 61.56
RMS y 64.7
side N [adc counts]
side P [adc counts]

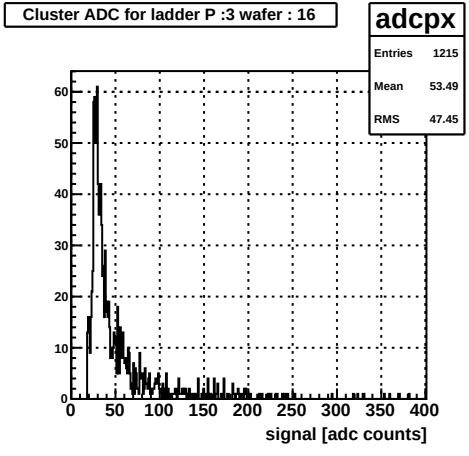

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 719
Mean 65.89
RMS 54.94
signal [adc counts]

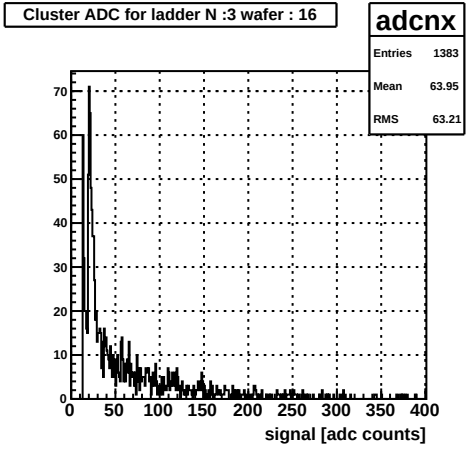

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 1557
Mean 49.18
RMS 54.58
signal [adc counts]

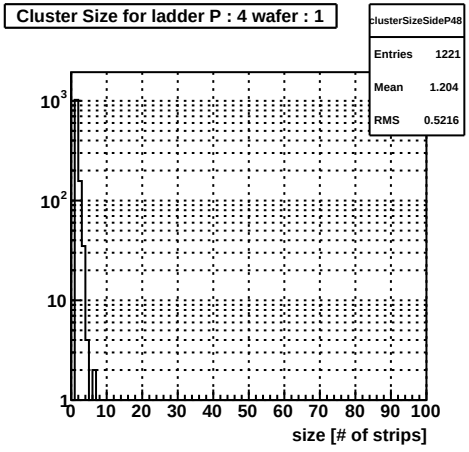

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 1215
Mean 1.157
RMS 0.436
size [# of strips]

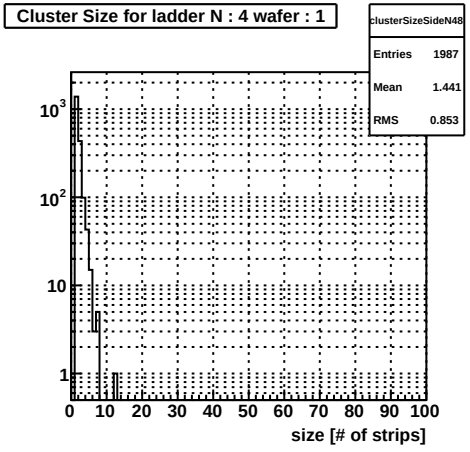

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 1383
Mean 1.424
RMS 0.7547
size [# of strips]

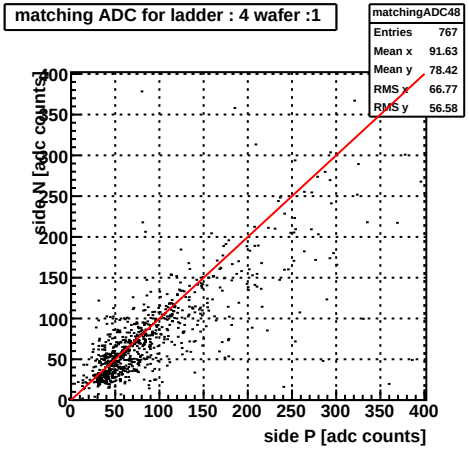

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 472
Mean x 87.28
Mean y 101.2
RMS x 59.19
RMS y 67.07
side N [adc counts]
side P [adc counts]

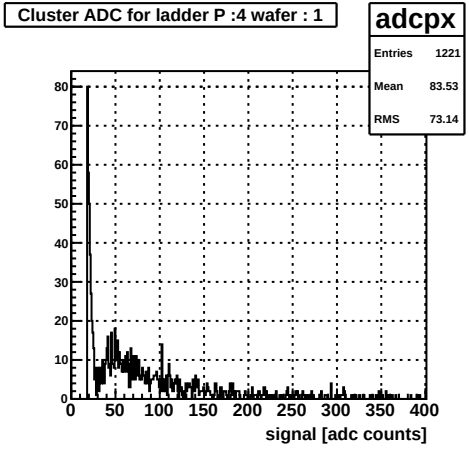

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 1215
Mean 53.49
RMS 47.45
signal [adc counts]

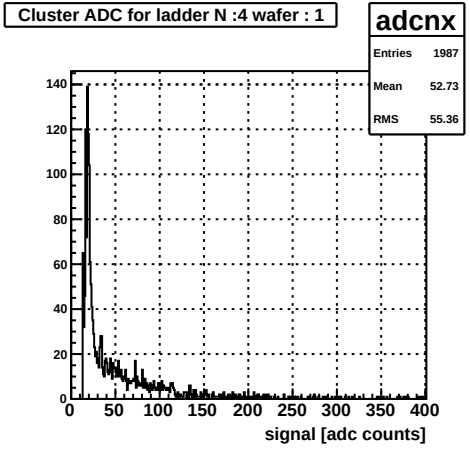

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 1383
Mean 63.95
RMS 63.21
signal [adc counts]

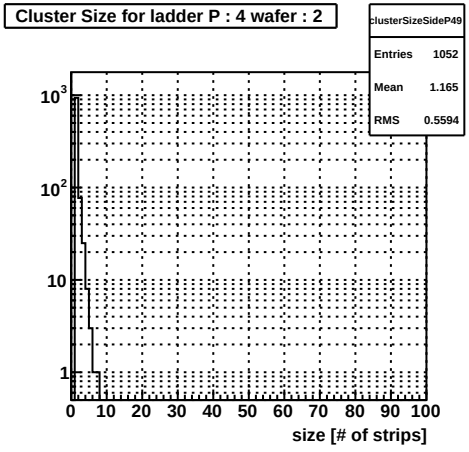

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 1221
Mean 1.204
RMS 0.5216
size [# of strips]

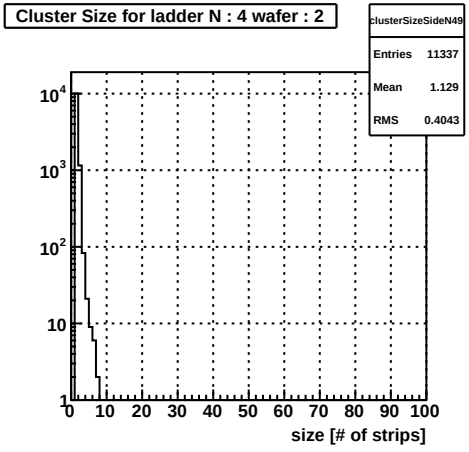

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 1987
Mean 1.441
RMS 0.853
size [# of strips]

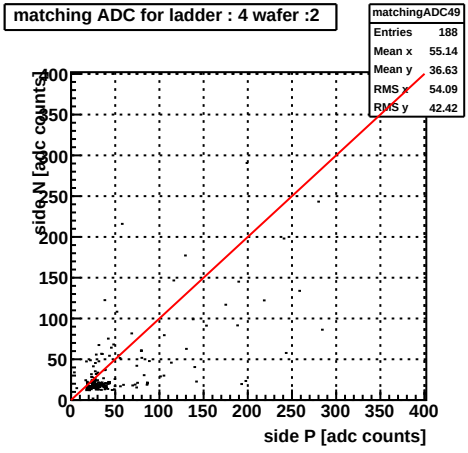

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 767
Mean x 91.63
Mean y 78.42
RMS x 66.77
RMS y 56.58
side N [adc counts]
side P [adc counts]

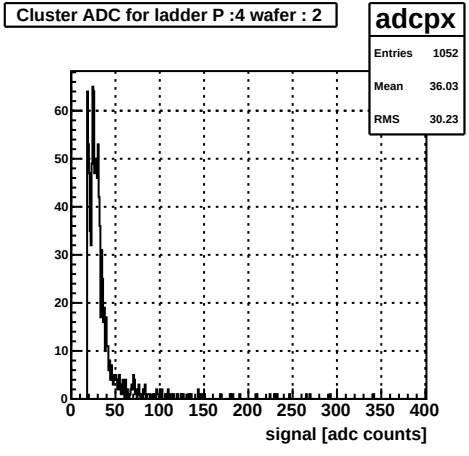

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 1221
Mean 83.53
RMS 73.14
signal [adc counts]

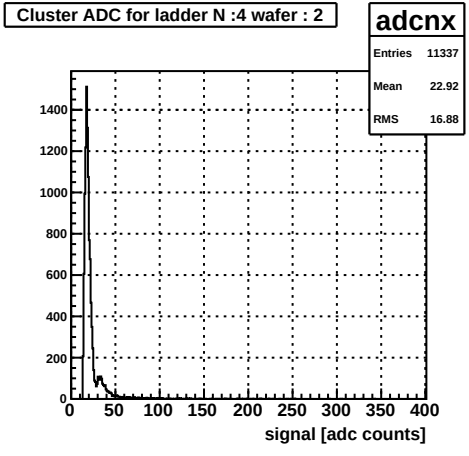

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 1987
Mean 52.73
RMS 55.36
signal [adc counts]

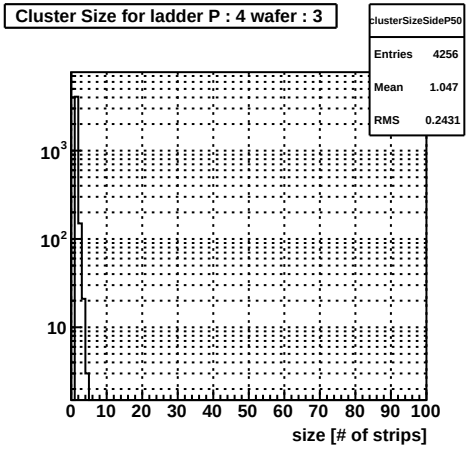

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 1052
Mean 1.165
RMS 0.5594
size [# of strips]

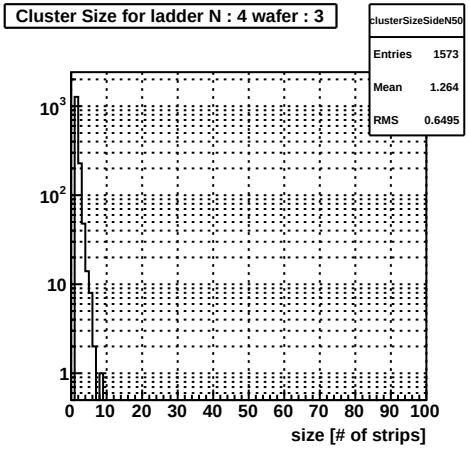

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 11337
Mean 1.129
RMS 0.4043
size [# of strips]

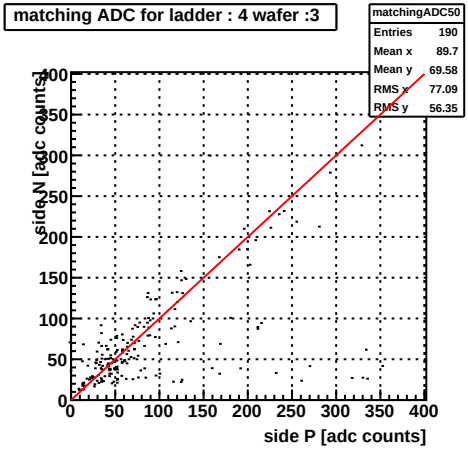

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 188
Mean x 55.14
Mean y 36.63
RMS x 54.09
RMS y 42.42
side N [adc counts]
side P [adc counts]

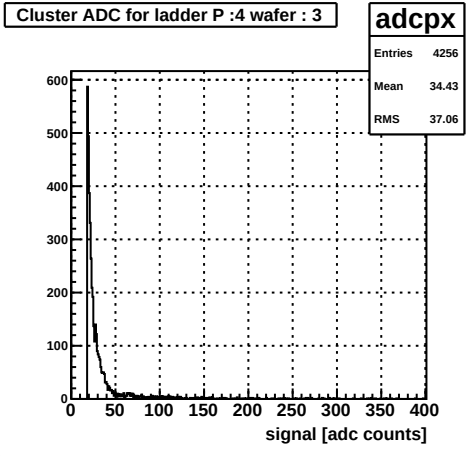

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 1052
Mean 36.03
RMS 30.23
signal [adc counts]

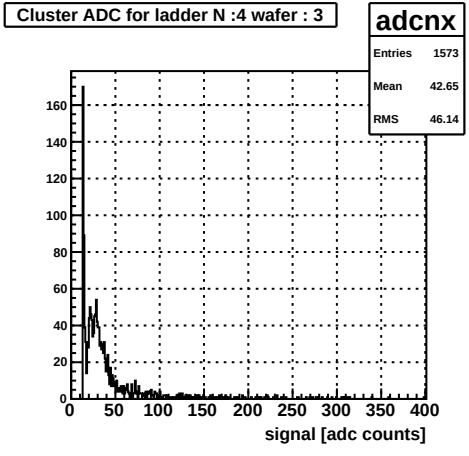

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 11337
Mean 22.92
RMS 16.88
signal [adc counts]

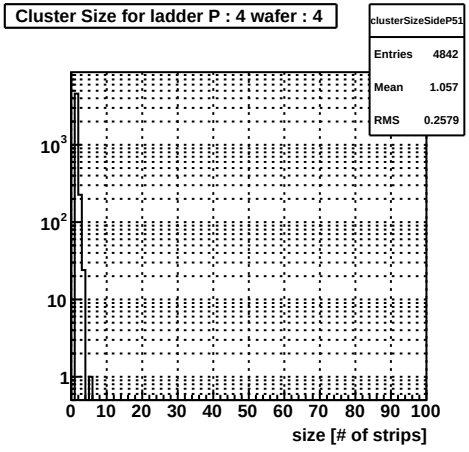

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 4256
Mean 1.047
RMS 0.2431
size [# of strips]

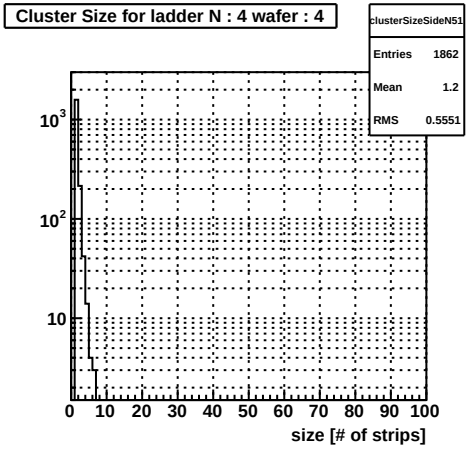

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 1573
Mean 1.264
RMS 0.6495
size [# of strips]

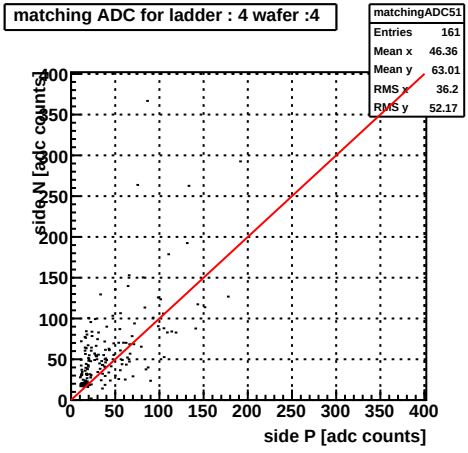

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 190
Mean x 89.7
Mean y 69.58
RMS x 77.09
RMS y 56.35
side N [adc counts]
side P [adc counts]

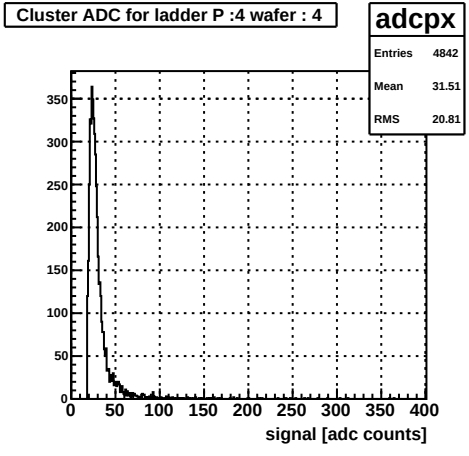

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 4256
Mean 34.43
RMS 37.06
signal [adc counts]

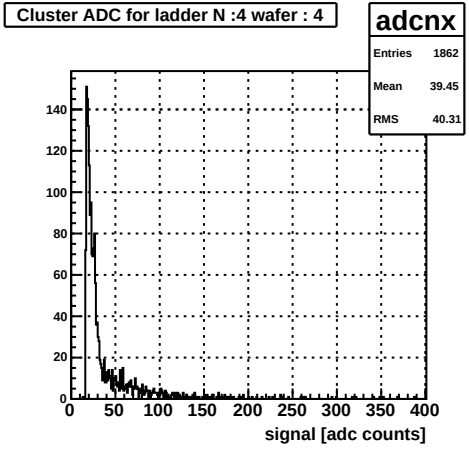

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 1573
Mean 42.65
RMS 46.14
signal [adc counts]

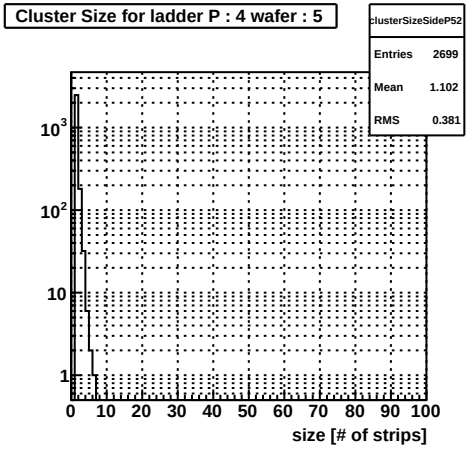

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 4842
Mean 1.057
RMS 0.2579
size [# of strips]

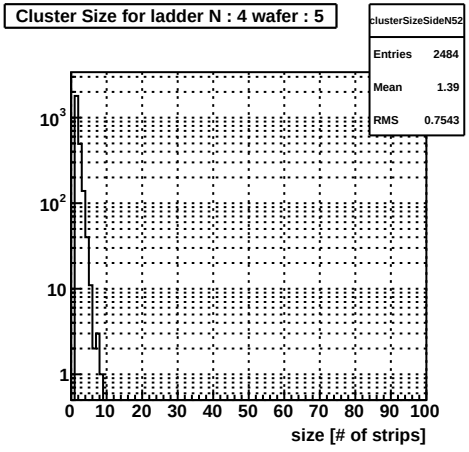

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 1862
Mean 1.2
RMS 0.5551
size [# of strips]

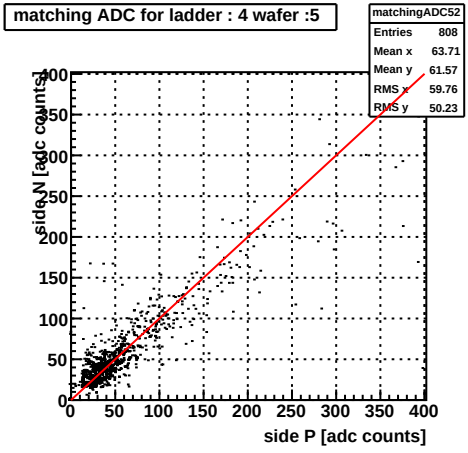

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 161
Mean x 46.36
Mean y 63.01
RMS x 36.2
RMS y 52.17
side N [adc counts]
side P [adc counts]

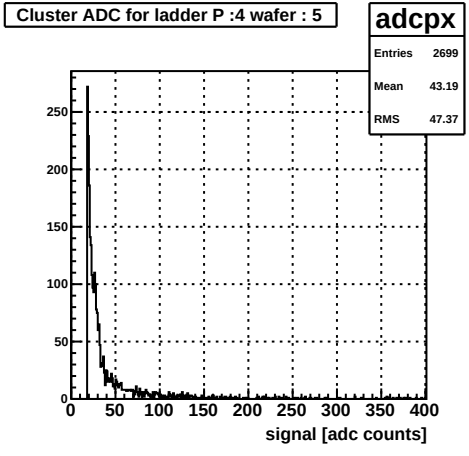

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 4842
Mean 31.51
RMS 20.81
signal [adc counts]

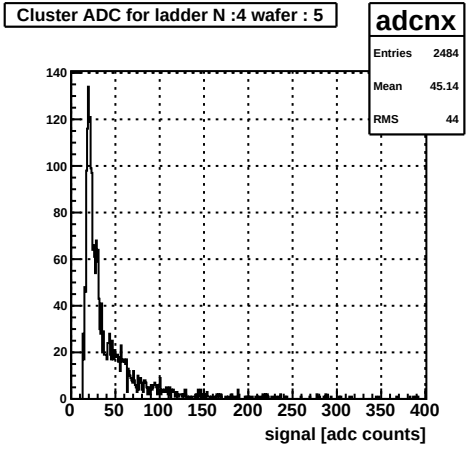

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 1862
Mean 39.45
RMS 40.31
signal [adc counts]

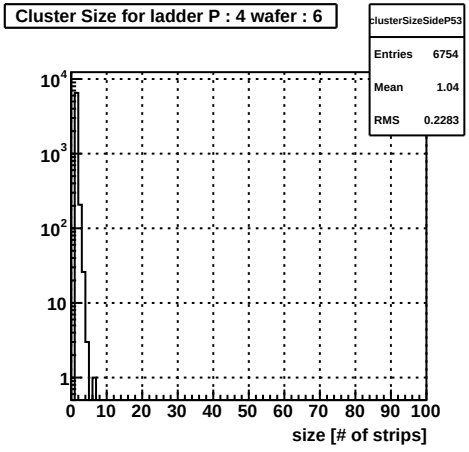

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 2699
Mean 1.102
RMS 0.381
size [# of strips]

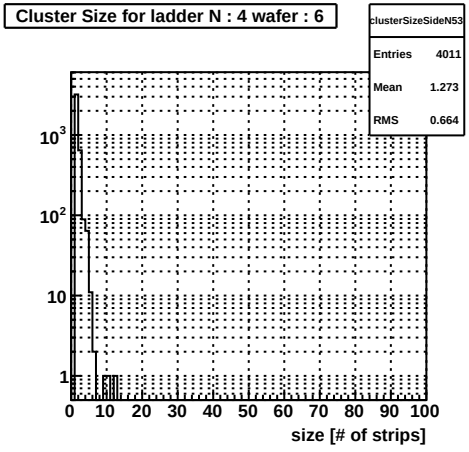

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 2484
Mean 1.39
RMS 0.7543
size [# of strips]

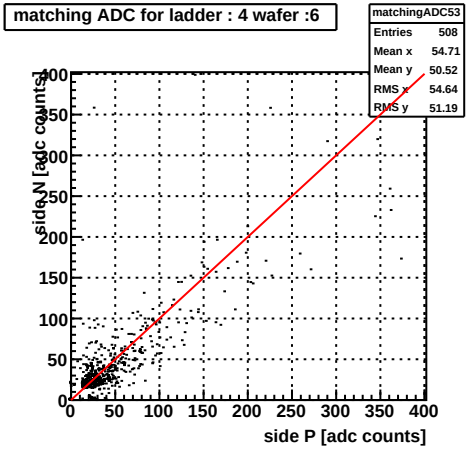

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 808
Mean x 63.71
Mean y 61.57
RMS x 59.76
RMS y 50.23
side N [adc counts]
side P [adc counts]

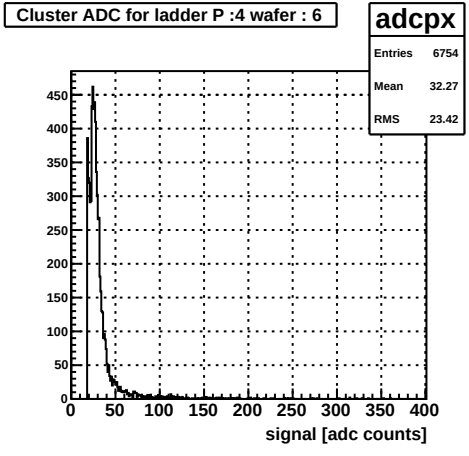

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 2699
Mean 43.19
RMS 47.37
signal [adc counts]

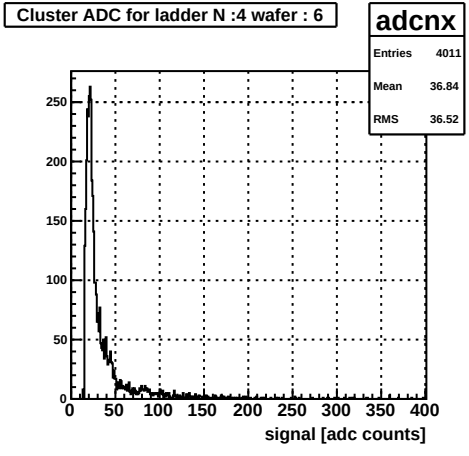

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 2484
Mean 45.14
RMS 44
signal [adc counts]

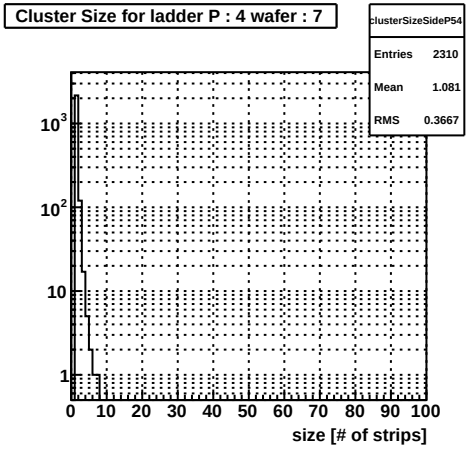

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 6754
Mean 1.04
RMS 0.2283
size [# of strips]

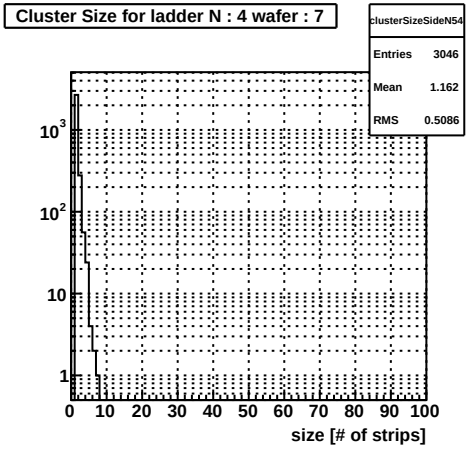

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 4011
Mean 1.273
RMS 0.664
size [# of strips]

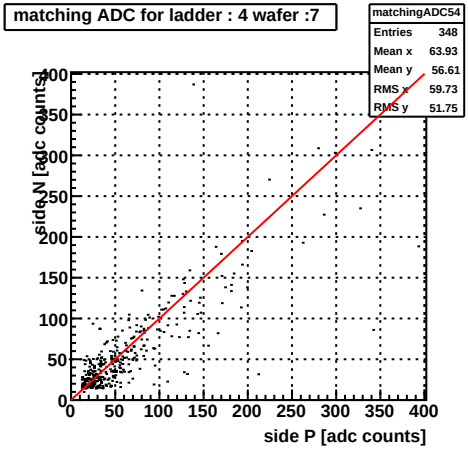

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 508
Mean x 54.71
Mean y 50.52
RMS x 54.64
RMS y 51.19
side N [adc counts]
side P [adc counts]

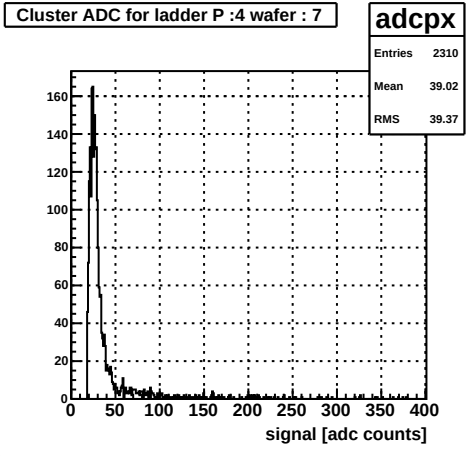

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 6754
Mean 32.27
RMS 23.42
signal [adc counts]

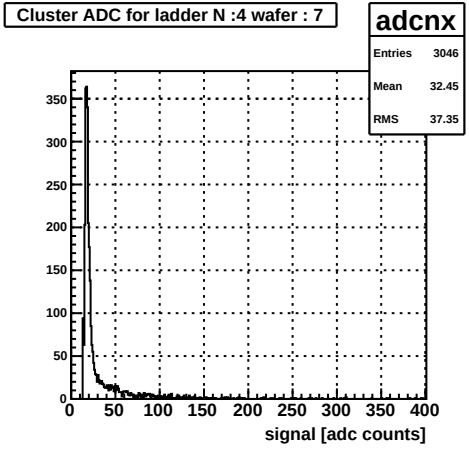

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 4011
Mean 36.84
RMS 36.52
signal [adc counts]

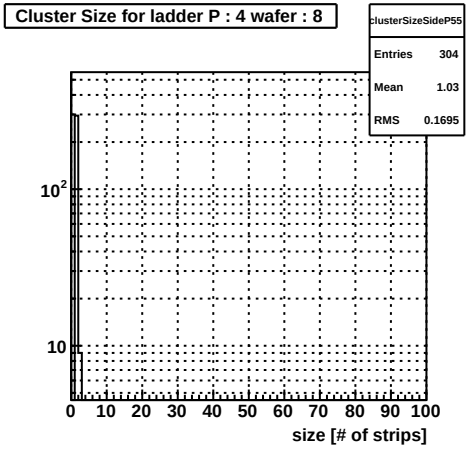

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 2310
Mean 1.081
RMS 0.3667
size [# of strips]

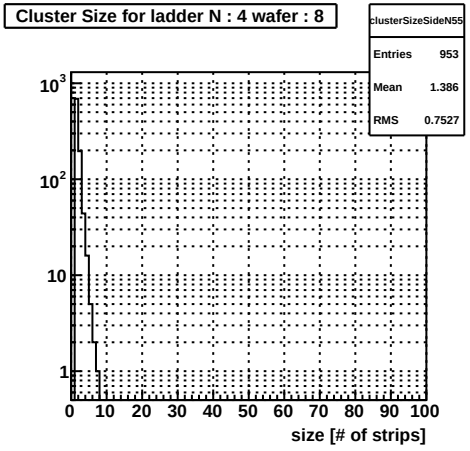

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 3046
Mean 1.162
RMS 0.5086
size [# of strips]

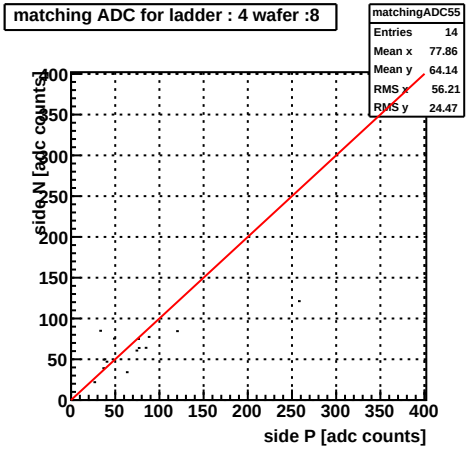

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 348
Mean x 63.93
Mean y 56.61
RMS x 59.73
RMS y 51.75
side N [adc counts]
side P [adc counts]

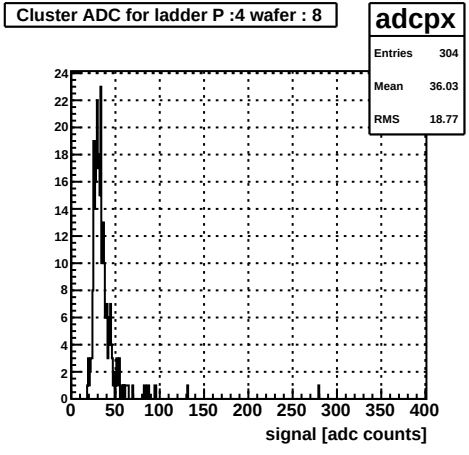

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 2310
Mean 39.02
RMS 39.37
signal [adc counts]

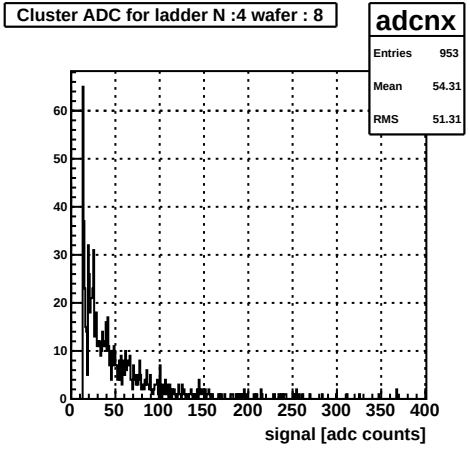

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 3046
Mean 32.45
RMS 37.35
signal [adc counts]

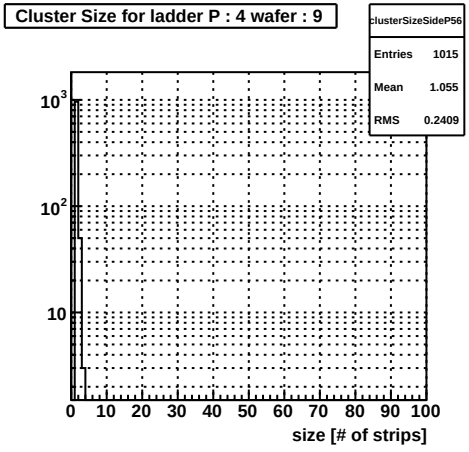

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 304
Mean 1.03
RMS 0.1695
size [# of strips]

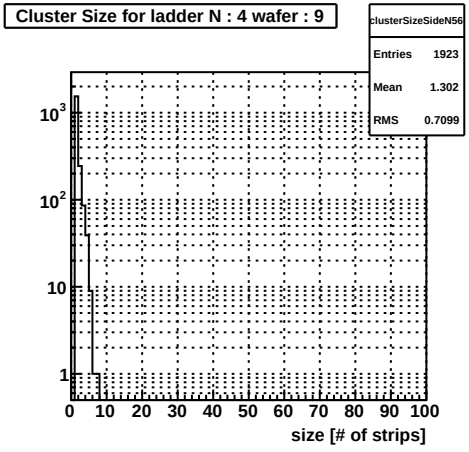

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 953
Mean 1.386
RMS 0.7527
size [# of strips]

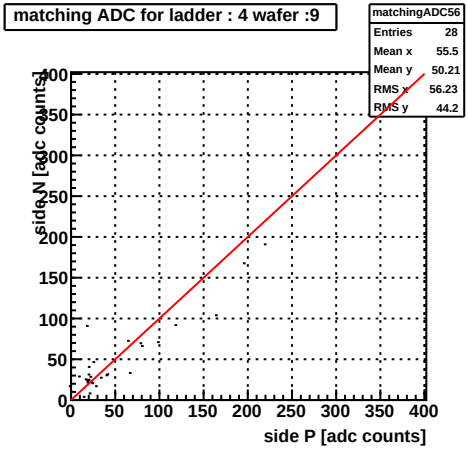

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 14
Mean x 77.86
Mean y 64.14
RMS x 56.21
RMS y 24.47
side N [adc counts]
side P [adc counts]

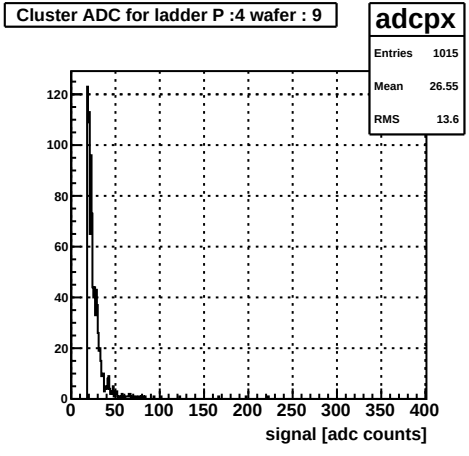

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 304
Mean 36.03
RMS 18.77
signal [adc counts]

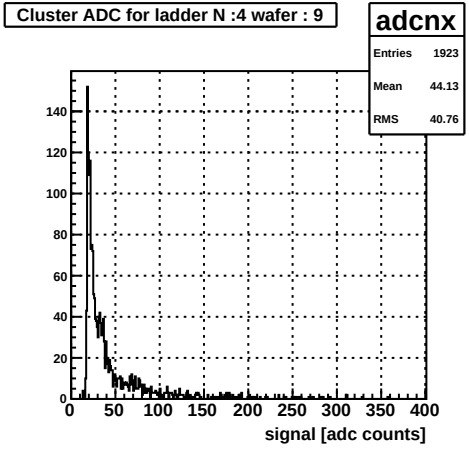

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 953
Mean 54.31
RMS 51.31
signal [adc counts]

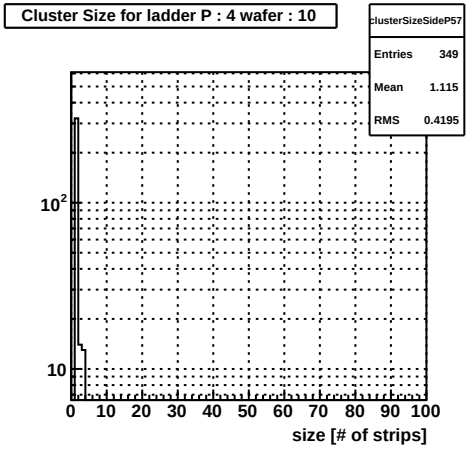

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1015
Mean 1.055
RMS 0.2409
size [# of strips]

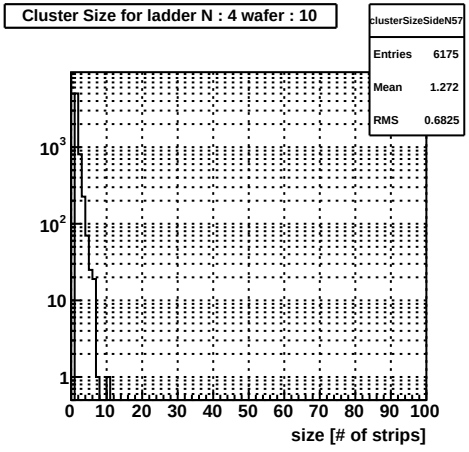

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 1923
Mean 1.302
RMS 0.7099
size [# of strips]

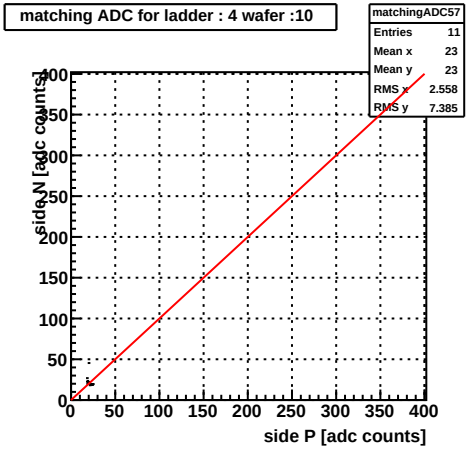

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 28
Mean x 55.5
Mean y 50.21
RMS x 56.23
RMS y 44.2
side N [adc counts]
side P [adc counts]

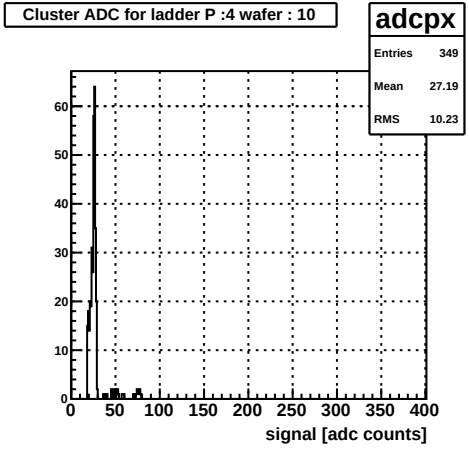

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1015
Mean 26.55
RMS 13.6
signal [adc counts]

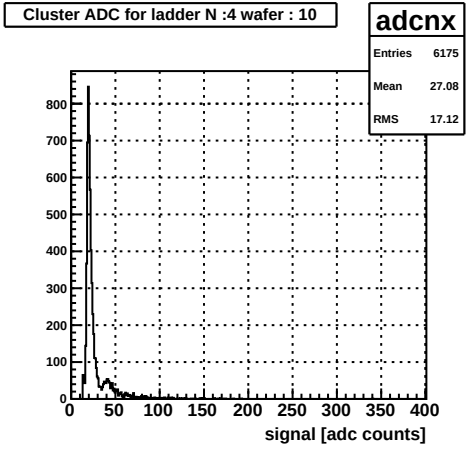

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 1923
Mean 44.13
RMS 40.76
signal [adc counts]

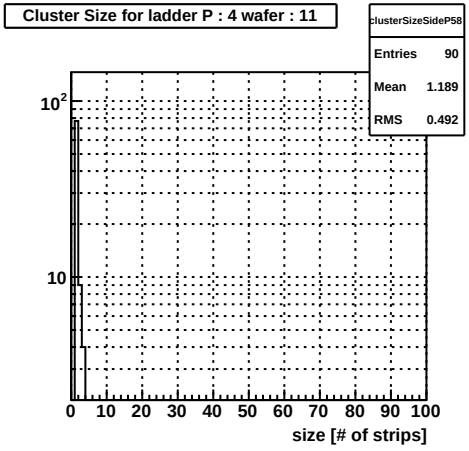

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 349
Mean 1.115
RMS 0.4195
size [# of strips]

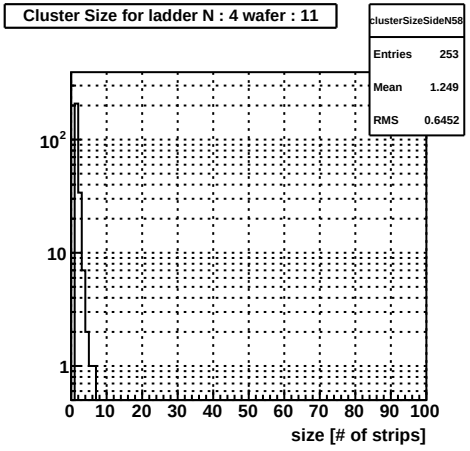

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 6175
Mean 1.272
RMS 0.6825
size [# of strips]

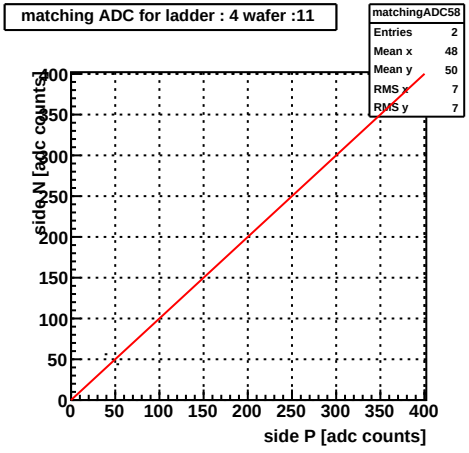

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 11
Mean x 23
Mean y 23
RMS x 2.558
RMS y 7.385
side N [adc counts]
side P [adc counts]

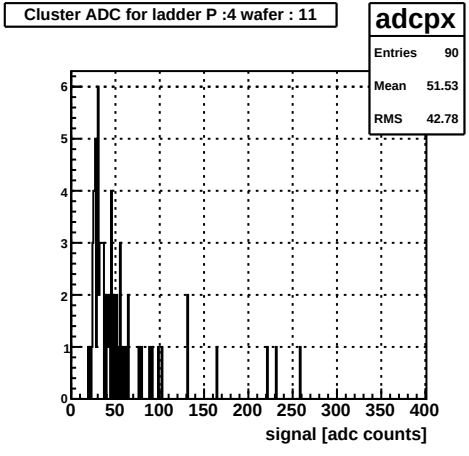

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 349
Mean 27.19
RMS 10.23
signal [adc counts]

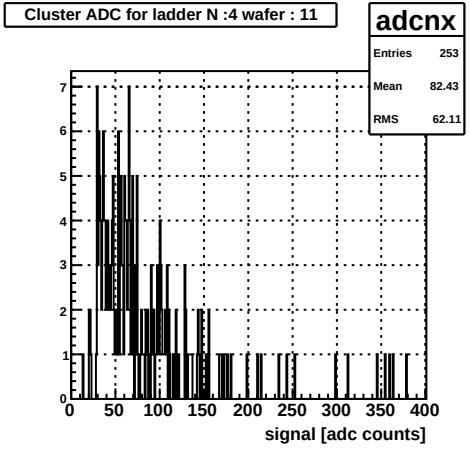

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 6175
Mean 27.08
RMS 17.12
signal [adc counts]

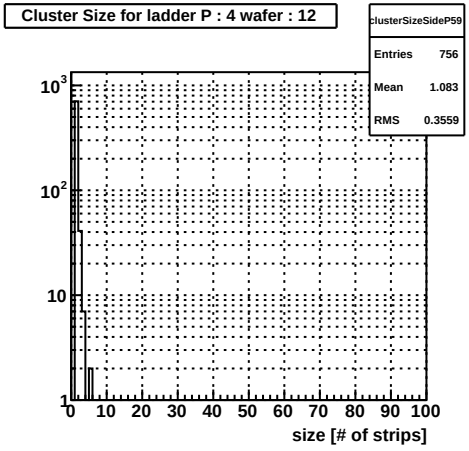

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 90
Mean 1.189
RMS 0.492
size [# of strips]

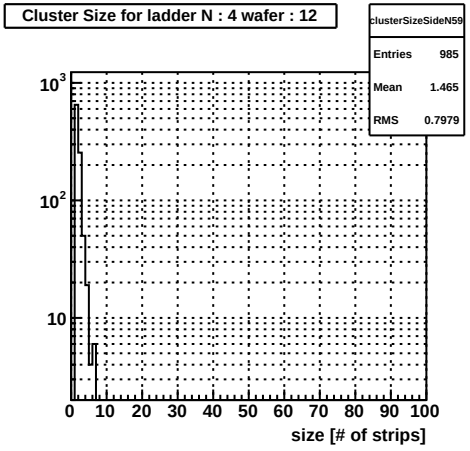

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 253
Mean 1.249
RMS 0.6452
size [# of strips]

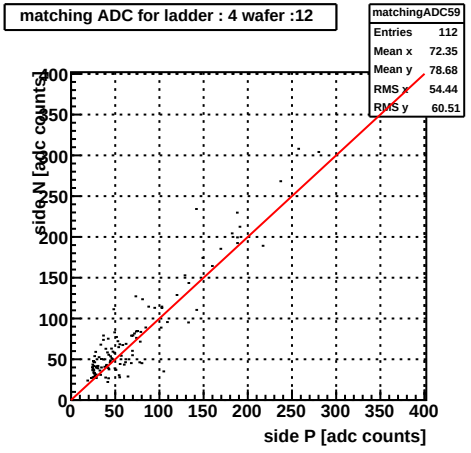

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 2
Mean x 48
Mean y 50
RMS x 7
RMS y 7
side N [adc counts]
side P [adc counts]

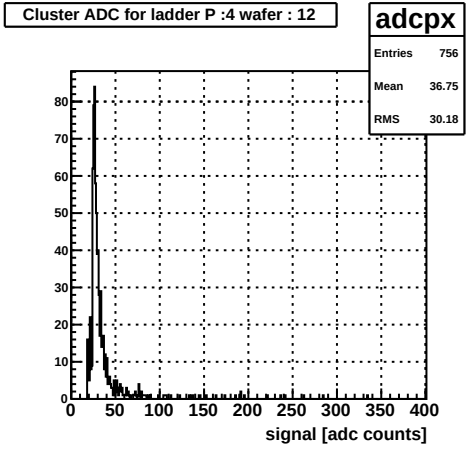

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 90
Mean 51.53
RMS 42.78
signal [adc counts]

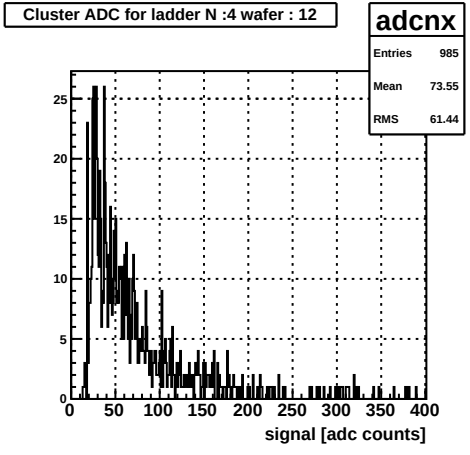

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 253
Mean 82.43
RMS 62.11
signal [adc counts]

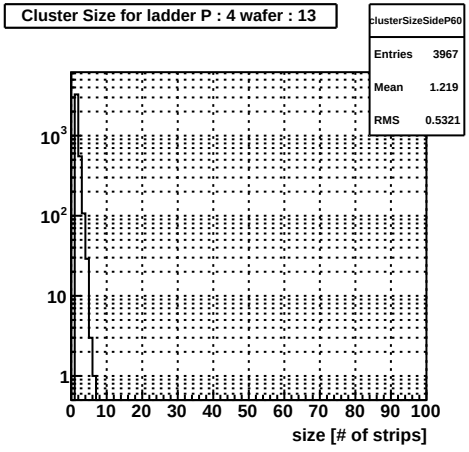

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 756
Mean 1.083
RMS 0.3559
size [# of strips]

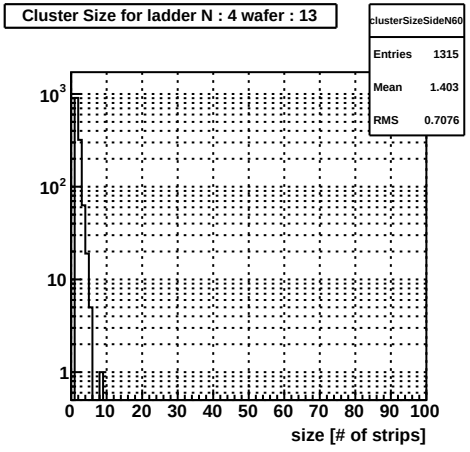

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 985
Mean 1.465
RMS 0.7979
size [# of strips]

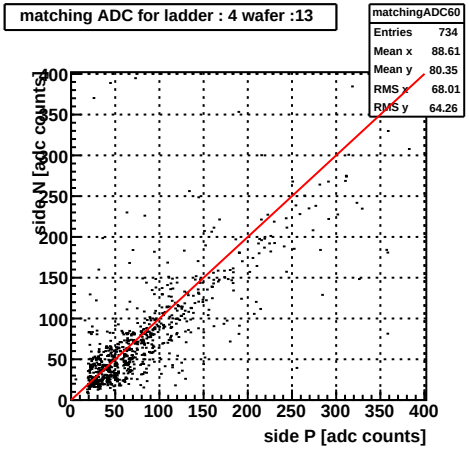

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 112
Mean x 72.35
Mean y 78.68
RMS x 54.44
RMS y 60.51
side N [adc counts]
side P [adc counts]

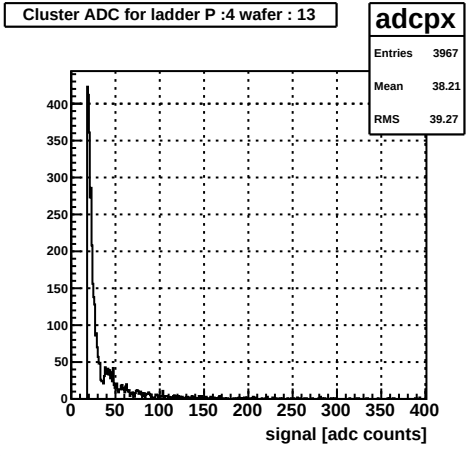

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 756
Mean 36.75
RMS 30.18
signal [adc counts]

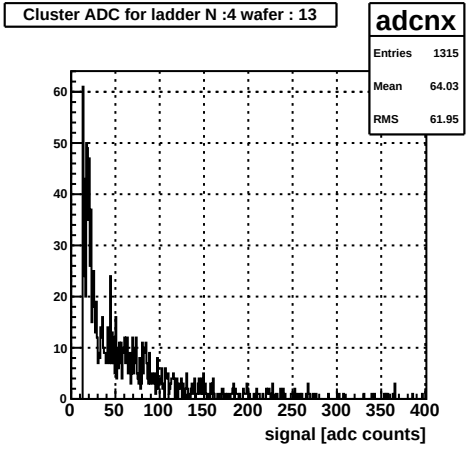

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 985
Mean 73.55
RMS 61.44
signal [adc counts]

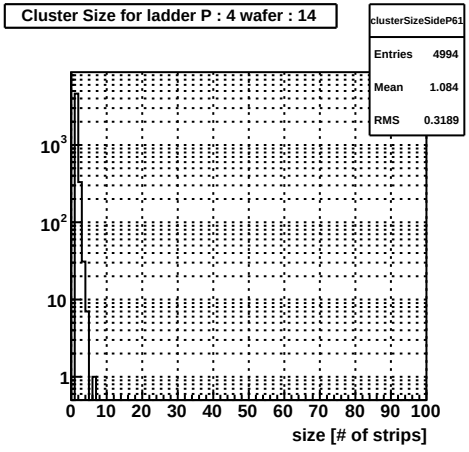

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 3967
Mean 1.219
RMS 0.5321
size [# of strips]

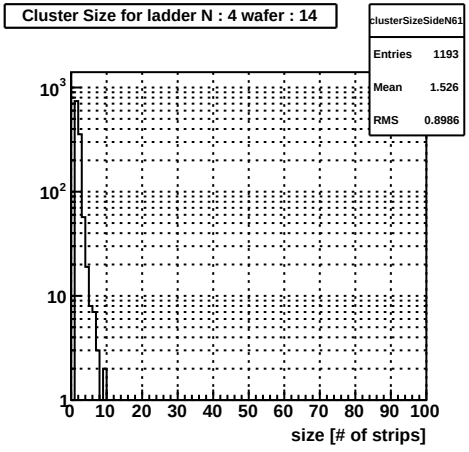

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 1315
Mean 1.403
RMS 0.7076
size [# of strips]

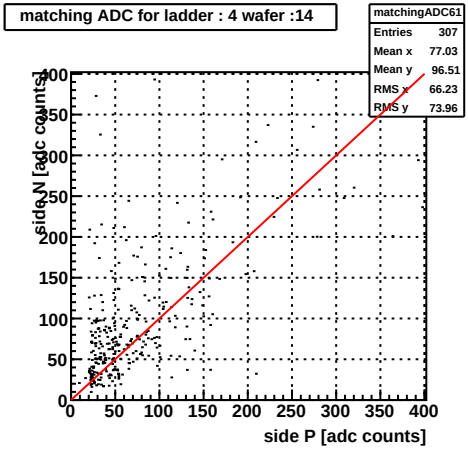

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 734
Mean x 88.61
Mean y 80.35
RMS x 68.01
RMS y 64.26
side N [adc counts]
side P [adc counts]

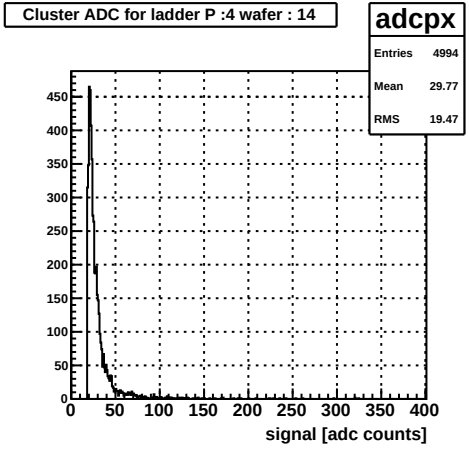

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 3967
Mean 38.21
RMS 39.27
signal [adc counts]

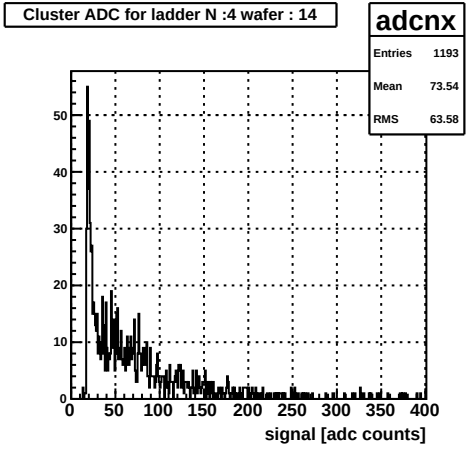

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 1315
Mean 64.03
RMS 61.95
signal [adc counts]

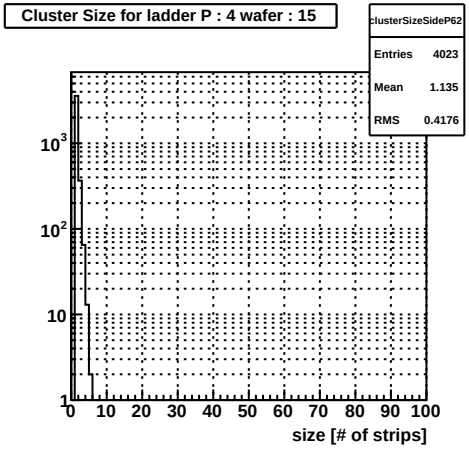

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 4994
Mean 1.084
RMS 0.3189
size [# of strips]

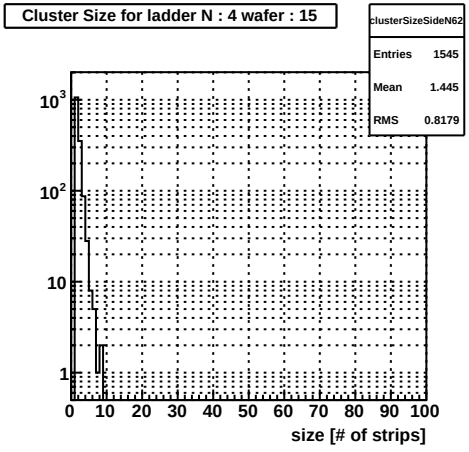

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 1193
Mean 1.526
RMS 0.8986
size [# of strips]

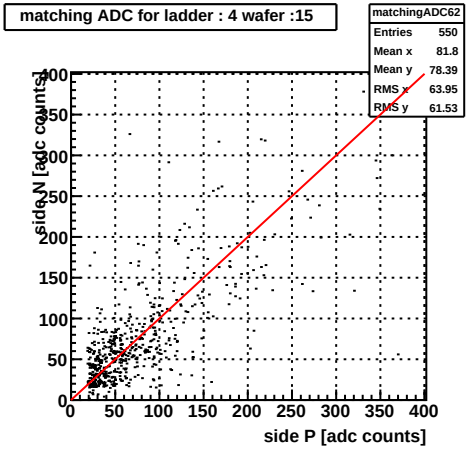

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 307
Mean x 77.03
Mean y 96.51
RMS x 66.23
RMS y 73.96
side N [adc counts]
side P [adc counts]

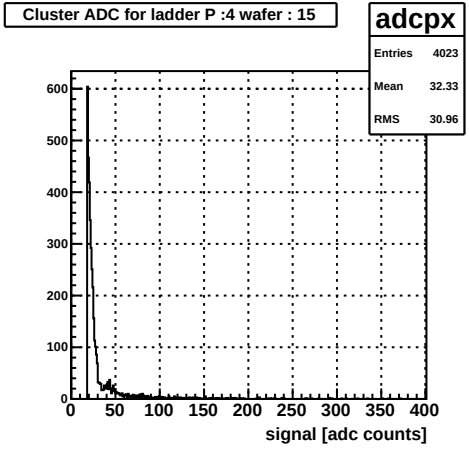

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 4994
Mean 29.77
RMS 19.47
signal [adc counts]

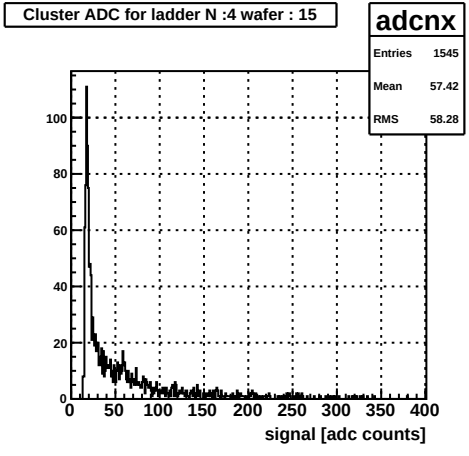

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 1193
Mean 73.54
RMS 63.58
signal [adc counts]

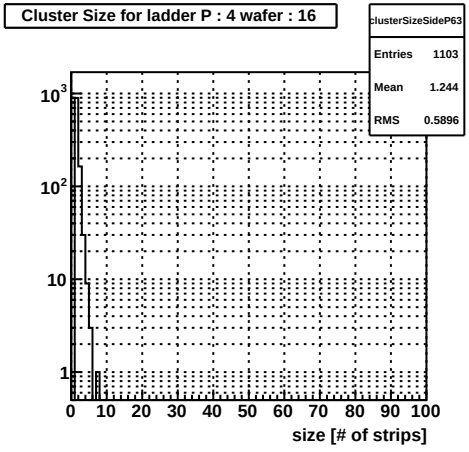

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 4023
Mean 1.135
RMS 0.4176
size [# of strips]

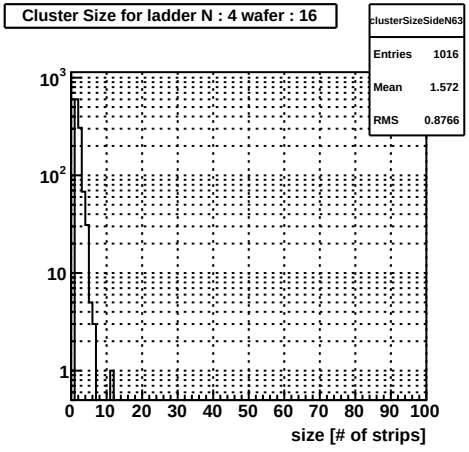

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 1545
Mean 1.445
RMS 0.8179
size [# of strips]

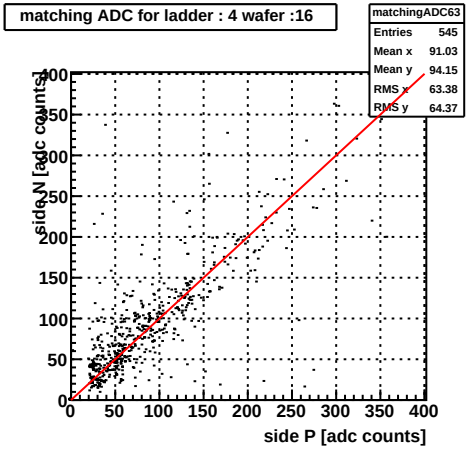

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 550
Mean x 81.8
Mean y 78.39
RMS x 63.95
RMS y 61.53
side N [adc counts]
side P [adc counts]

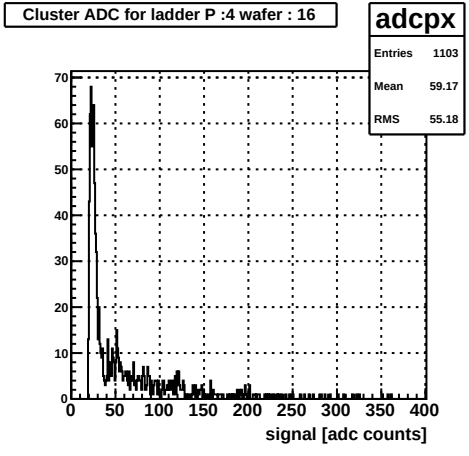

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 4023
Mean 32.33
RMS 30.96
signal [adc counts]

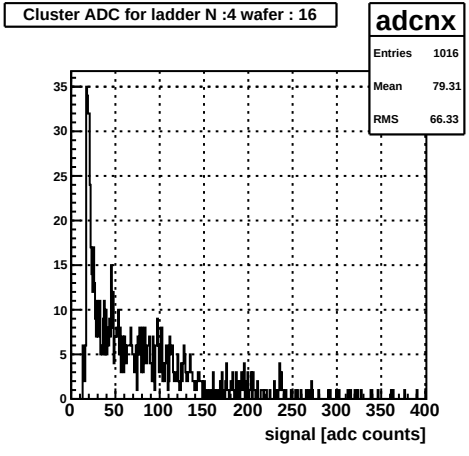

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 1545
Mean 57.42
RMS 58.28
signal [adc counts]

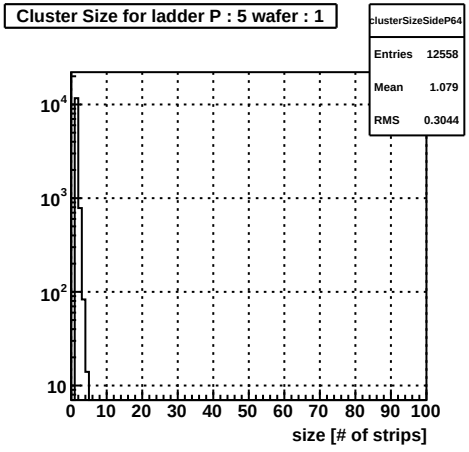

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 1103
Mean 1.244
RMS 0.5896
size [# of strips]

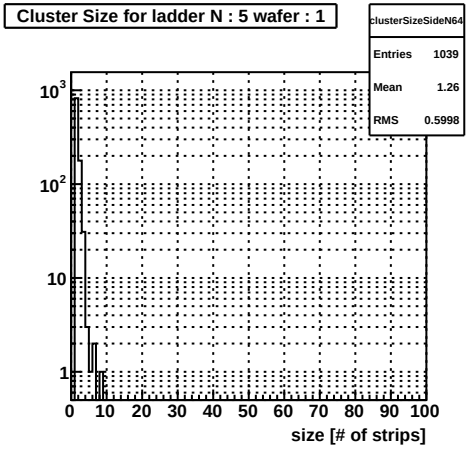

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 1016
Mean 1.572
RMS 0.8766
size [# of strips]

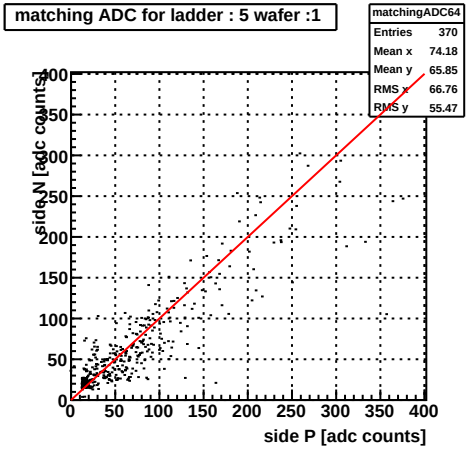

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 545
Mean x 91.03
Mean y 94.15
RMS x 63.38
RMS y 64.37
side N [adc counts]
side P [adc counts]

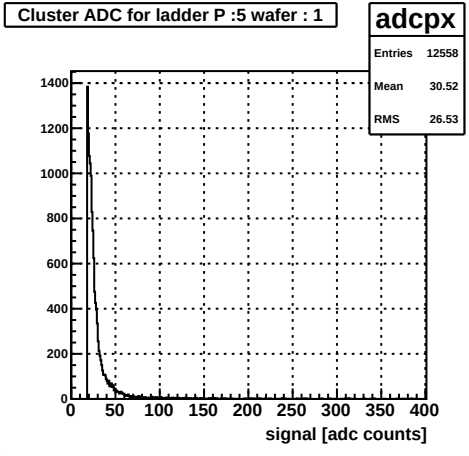

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 1103
Mean 59.17
RMS 55.18
signal [adc counts]

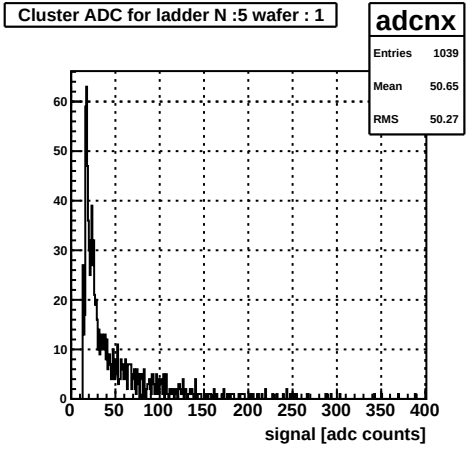

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 1016
Mean 79.31
RMS 66.33
signal [adc counts]

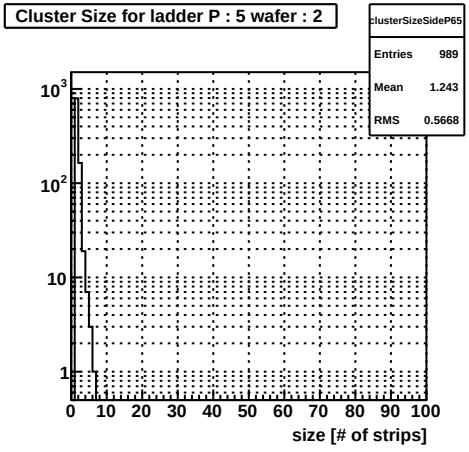

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 12558
Mean 1.079
RMS 0.3044
size [# of strips]

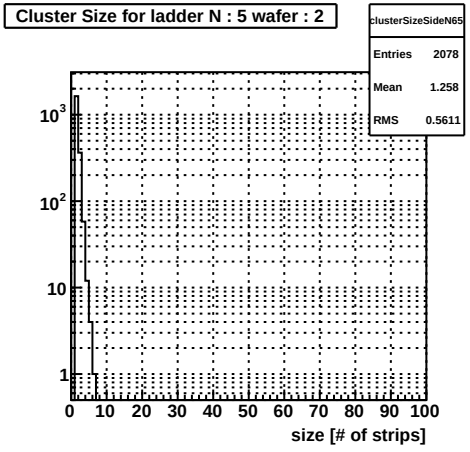

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 1039
Mean 1.26
RMS 0.5998
size [# of strips]

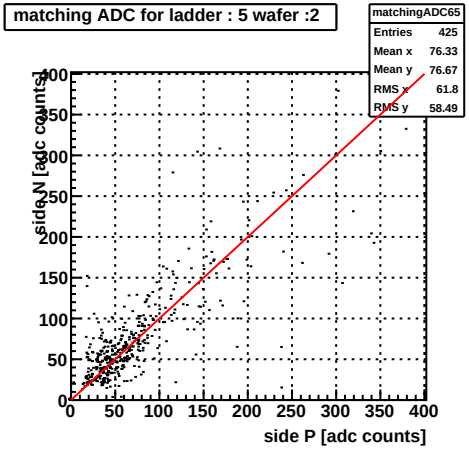

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 370
Mean x 74.18
Mean y 65.85
RMS x 66.76
RMS y 55.47
side N [adc counts]
side P [adc counts]

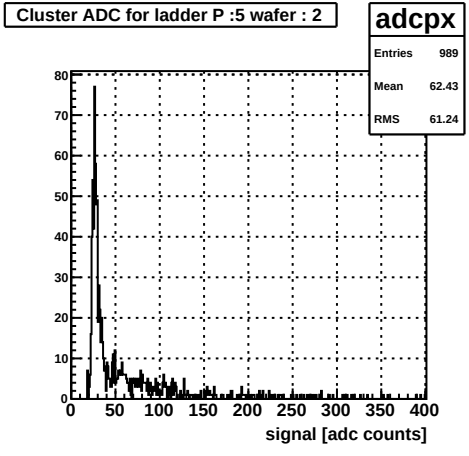

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 12558
Mean 30.52
RMS 26.53
signal [adc counts]

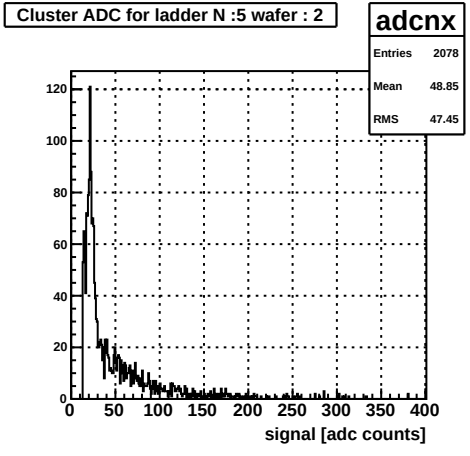

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 1039
Mean 50.65
RMS 50.27
signal [adc counts]

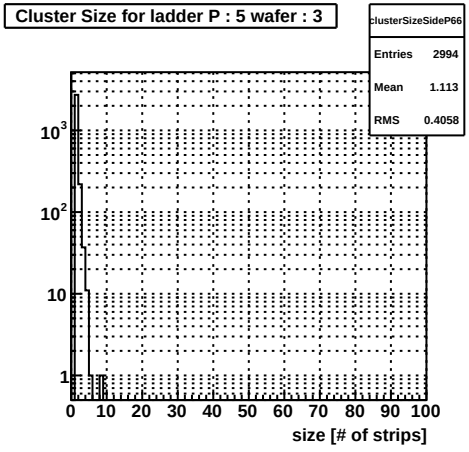

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 989
Mean 1.243
RMS 0.5668
size [# of strips]

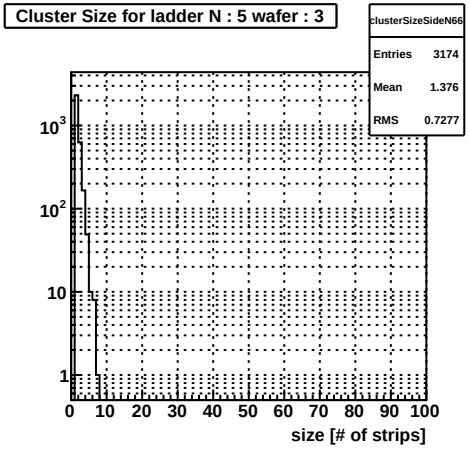

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 2078
Mean 1.258
RMS 0.5611
size [# of strips]

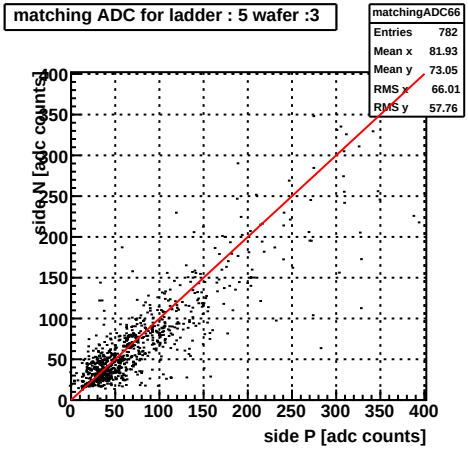

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 425
Mean x 76.33
Mean y 76.67
RMS x 61.8
RMS y 58.49
side N [adc counts]
side P [adc counts]

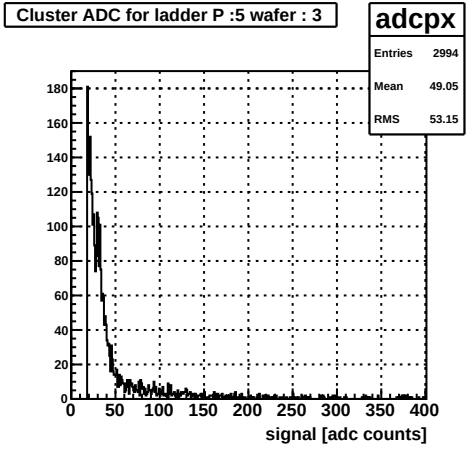

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 989
Mean 62.43
RMS 61.24
signal [adc counts]

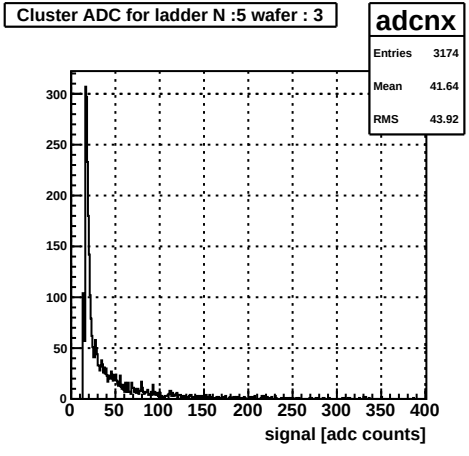

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 2078
Mean 48.85
RMS 47.45
signal [adc counts]

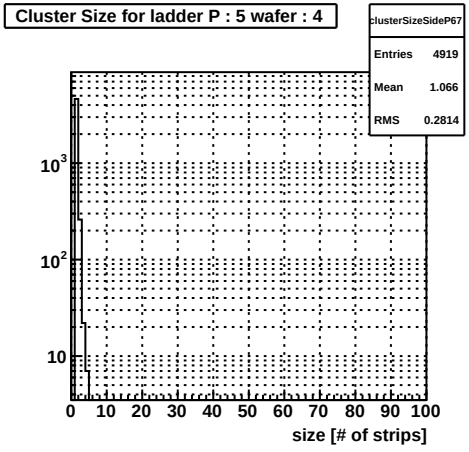

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 2994
Mean 1.113
RMS 0.4058
size [# of strips]

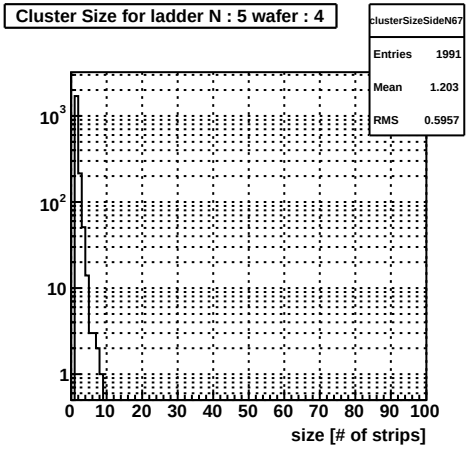

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 3174
Mean 1.376
RMS 0.7277
size [# of strips]

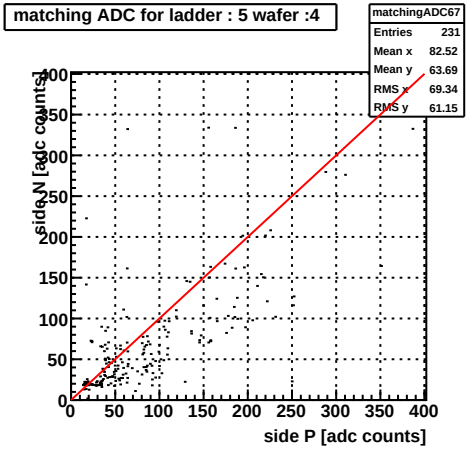

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 782
Mean x 81.93
Mean y 73.05
RMS x 66.01
RMS y 57.76
side N [adc counts]
side P [adc counts]

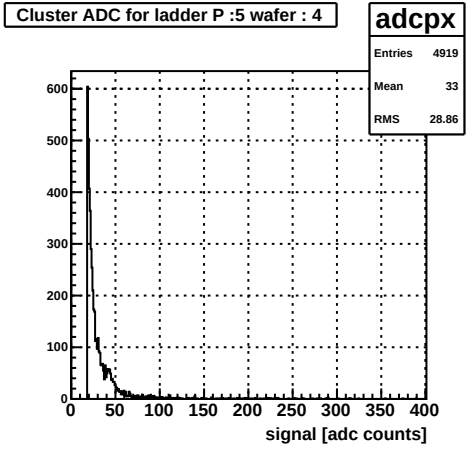

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 2994
Mean 49.05
RMS 53.15
signal [adc counts]

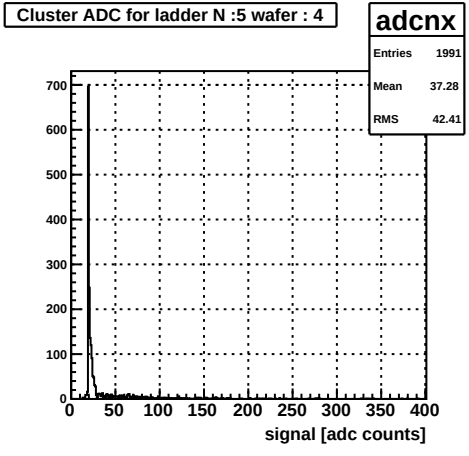

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 3174
Mean 41.64
RMS 43.92
signal [adc counts]

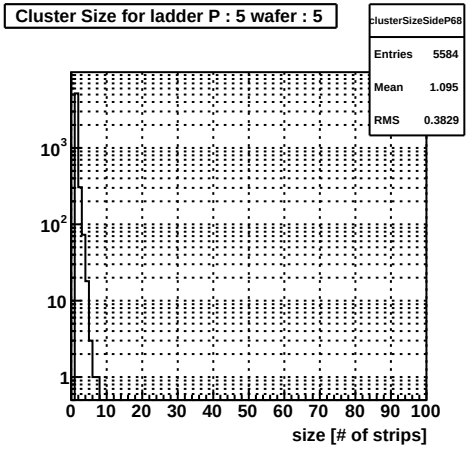

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 4919
Mean 1.066
RMS 0.2814
size [# of strips]

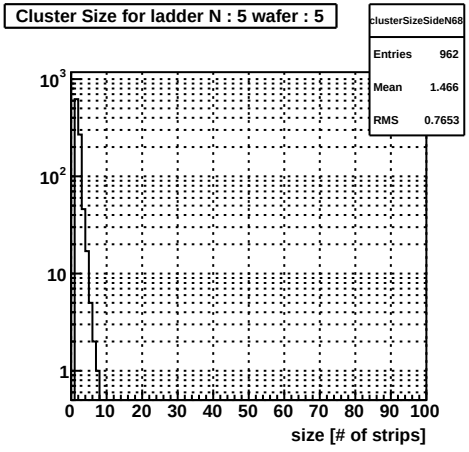

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 1991
Mean 1.203
RMS 0.5957
size [# of strips]

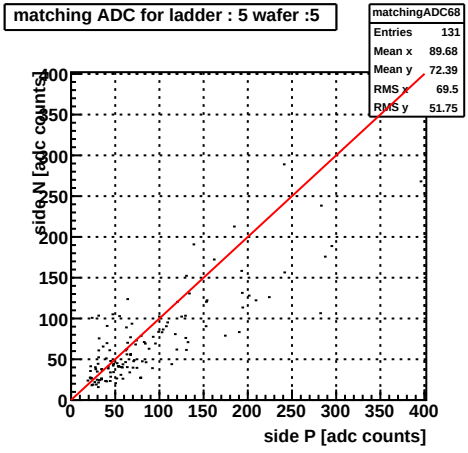

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 231
Mean x 82.52
Mean y 63.69
RMS x 69.34
RMS y 61.15
side N [adc counts]
side P [adc counts]

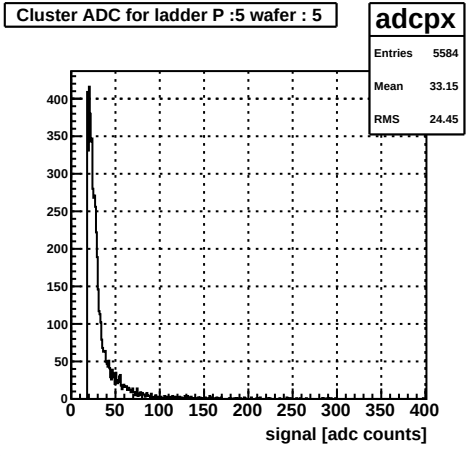

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 4919
Mean 33
RMS 28.86
signal [adc counts]

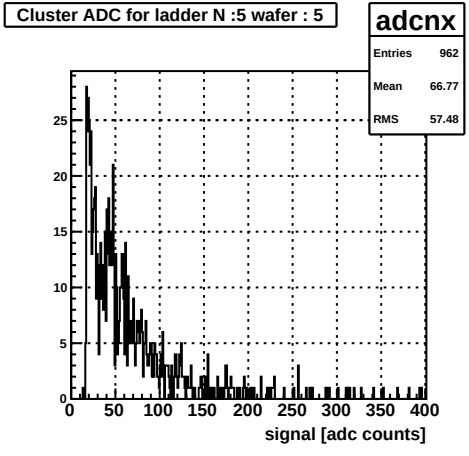

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 1991
Mean 37.28
RMS 42.41
signal [adc counts]

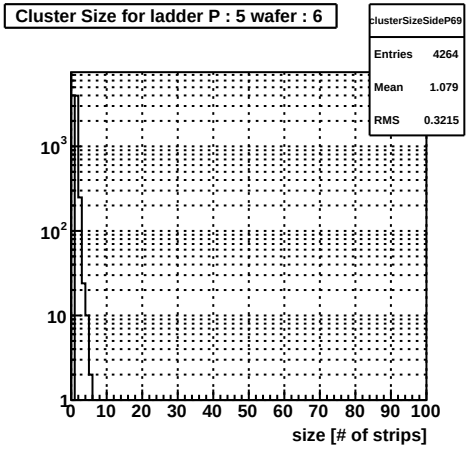

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 5584
Mean 1.095
RMS 0.3829
size [# of strips]

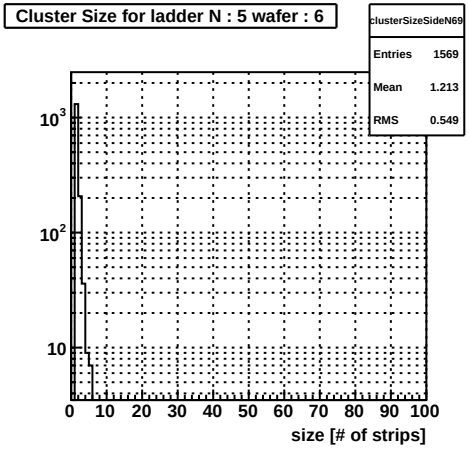

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 962
Mean 1.466
RMS 0.7653
size [# of strips]

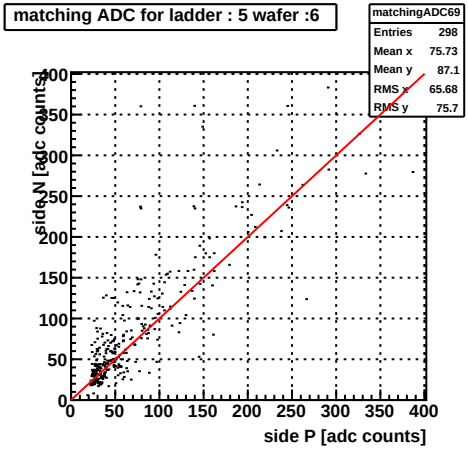

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 131
Mean x 89.68
Mean y 72.39
RMS x 69.5
RMS y 51.75
side N [adc counts]
side P [adc counts]

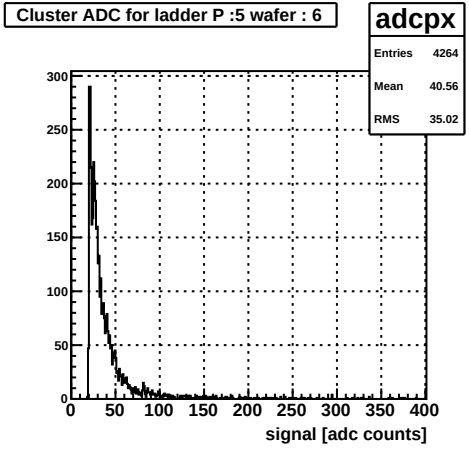

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 5584
Mean 33.15
RMS 24.45
signal [adc counts]

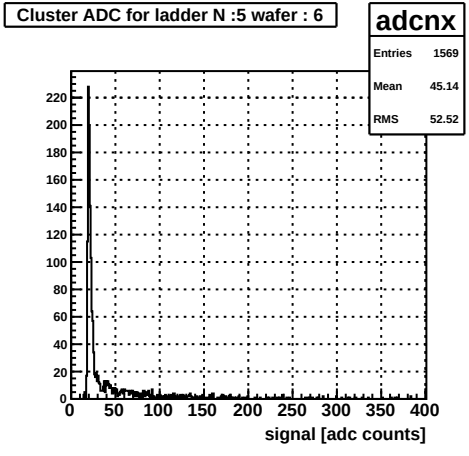

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 962
Mean 66.77
RMS 57.48
signal [adc counts]

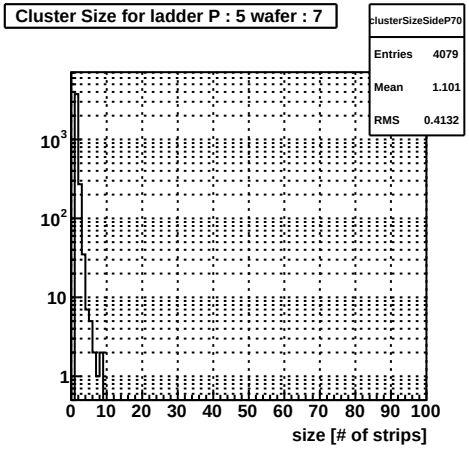

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 4264
Mean 1.079
RMS 0.3215
size [# of strips]

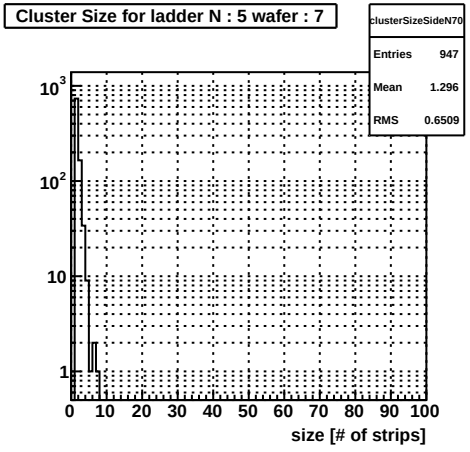

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 1569
Mean 1.213
RMS 0.549
size [# of strips]

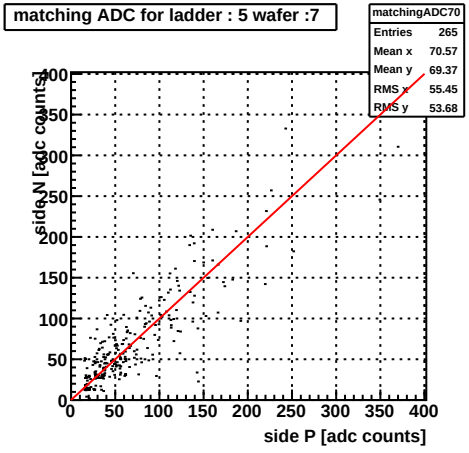

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 298
Mean x 75.73
Mean y 87.1
RMS x 65.68
RMS y 75.7
side N [adc counts]
side P [adc counts]

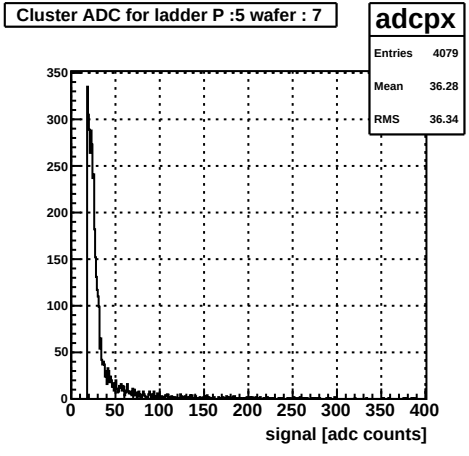

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 4264
Mean 40.56
RMS 35.02
signal [adc counts]

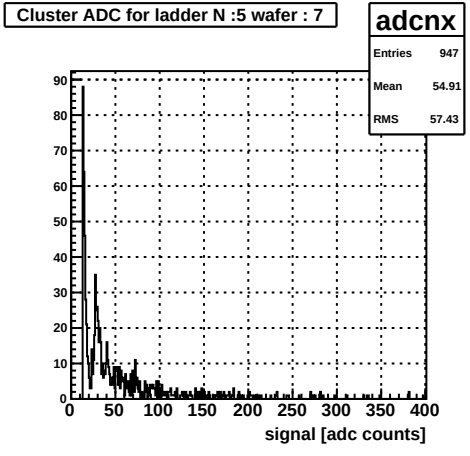

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 1569
Mean 45.14
RMS 52.52
signal [adc counts]

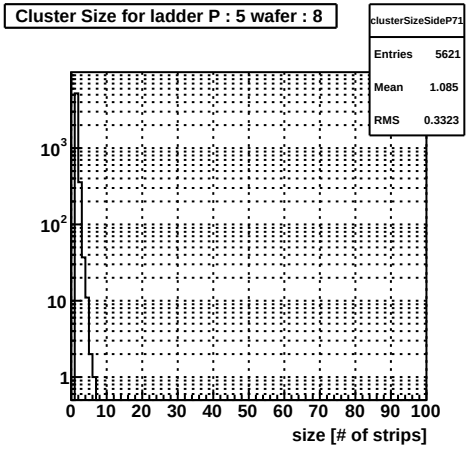

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 4079
Mean 1.101
RMS 0.4132
size [# of strips]

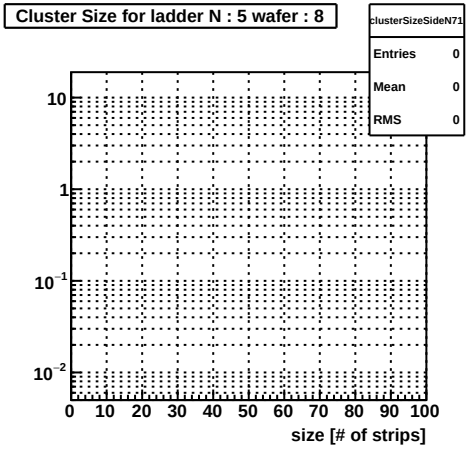

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 947
Mean 1.296
RMS 0.6509
size [# of strips]

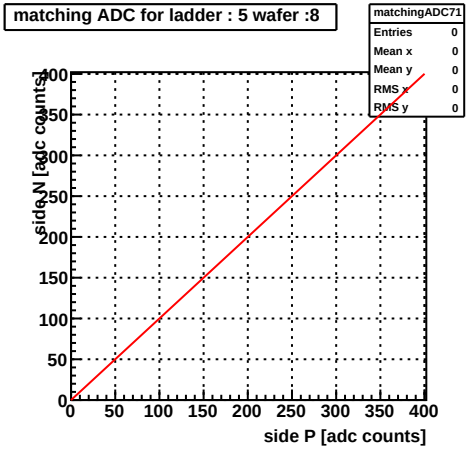

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 265
Mean x 70.57
Mean y 69.37
RMS x 55.45
RMS y 53.68
side N [adc counts]
side P [adc counts]

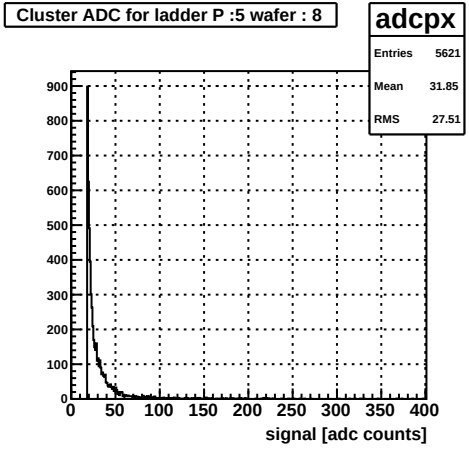

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 4079
Mean 36.28
RMS 36.34
signal [adc counts]

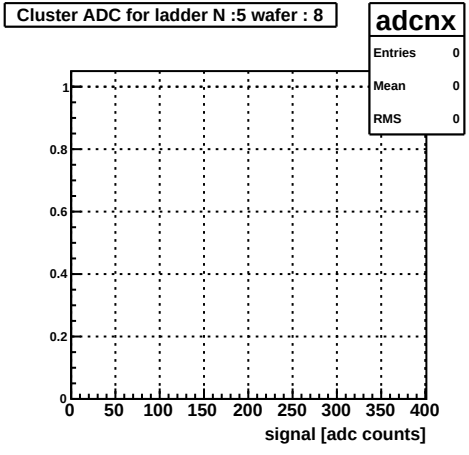

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 947
Mean 54.91
RMS 57.43
signal [adc counts]

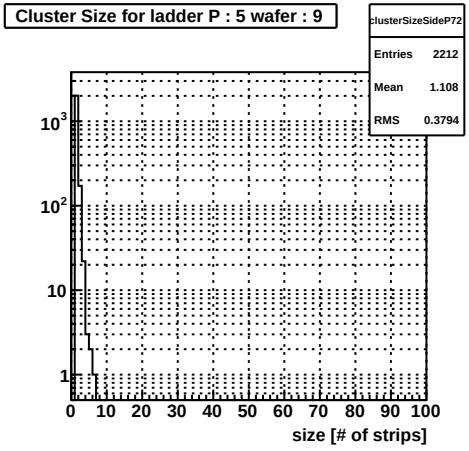

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 5621
Mean 1.085
RMS 0.3323
size [# of strips]

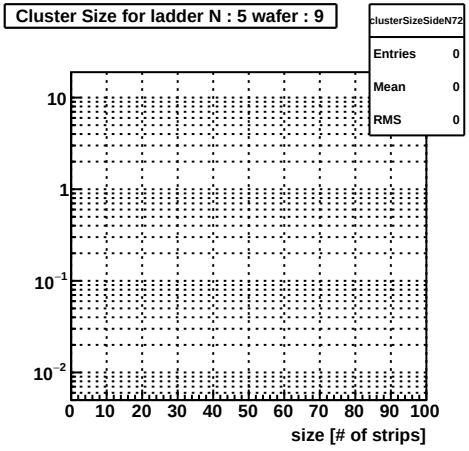

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

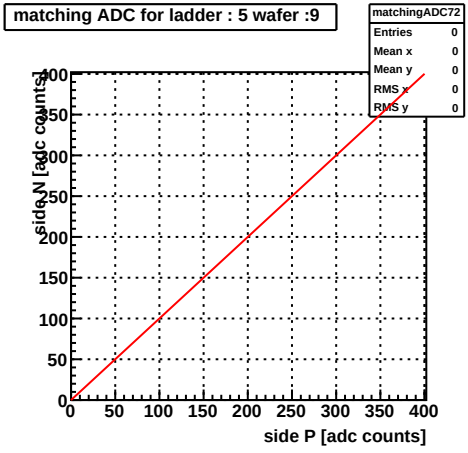

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

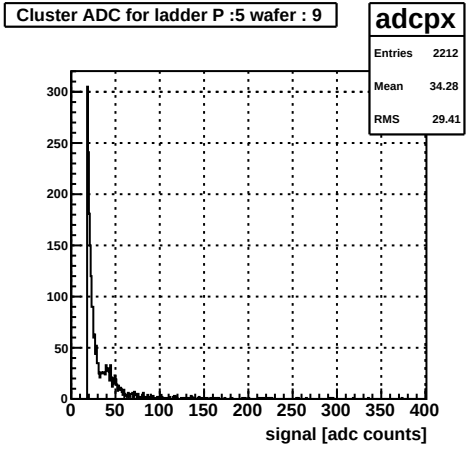

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 5621
Mean 31.85
RMS 27.51
signal [adc counts]

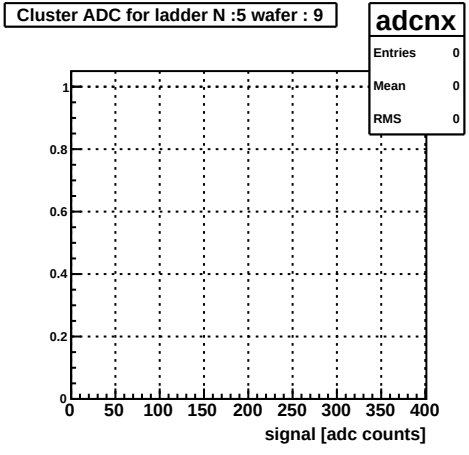

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

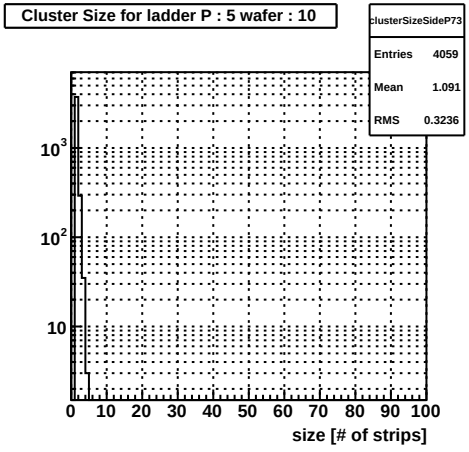

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 2212
Mean 1.108
RMS 0.3794
size [# of strips]

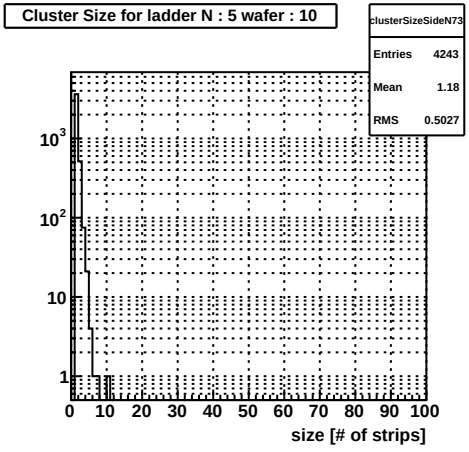

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

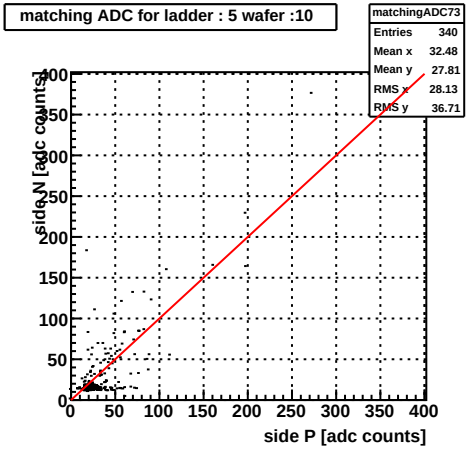

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

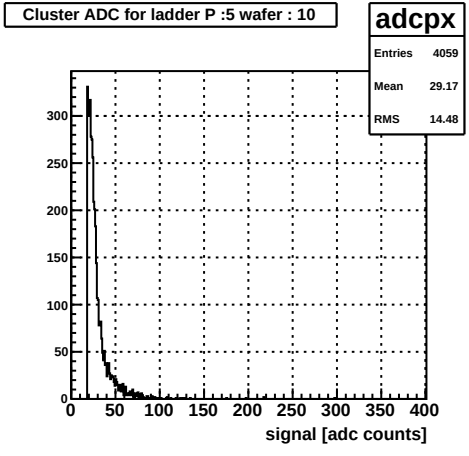

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 2212
Mean 34.28
RMS 29.41
signal [adc counts]

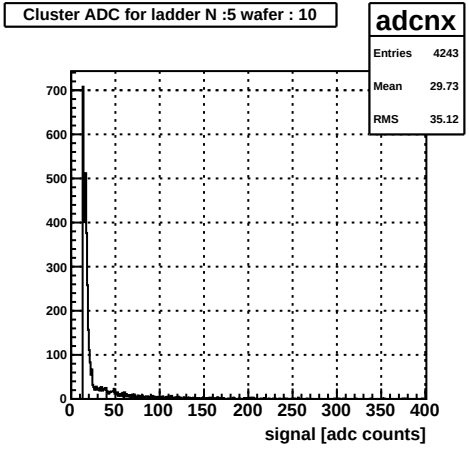

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

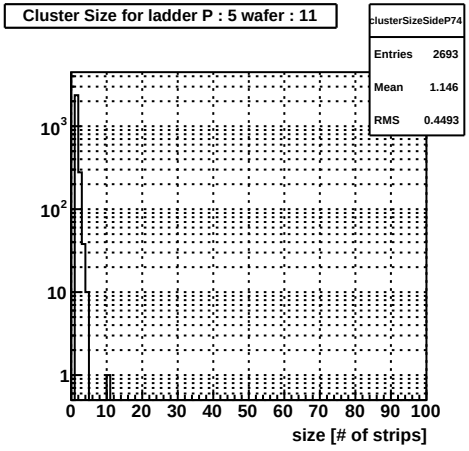

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 4059
Mean 1.091
RMS 0.3236
size [# of strips]

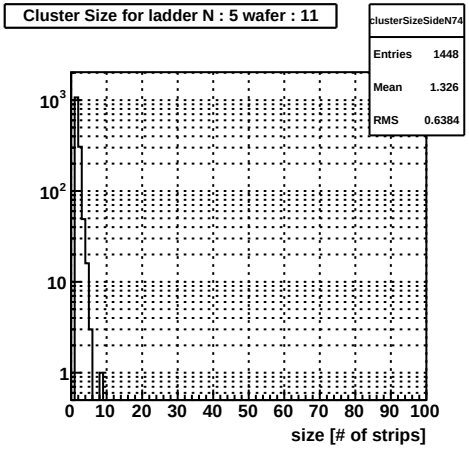

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 4243
Mean 1.18
RMS 0.5027
size [# of strips]

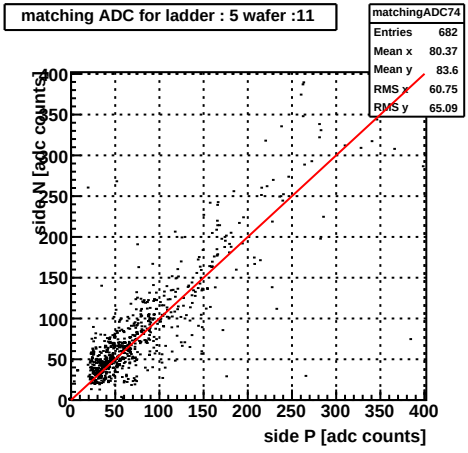

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 340
Mean x 32.48
Mean y 27.81
RMS x 28.13
RMS y 36.71
side N [adc counts]
side P [adc counts]

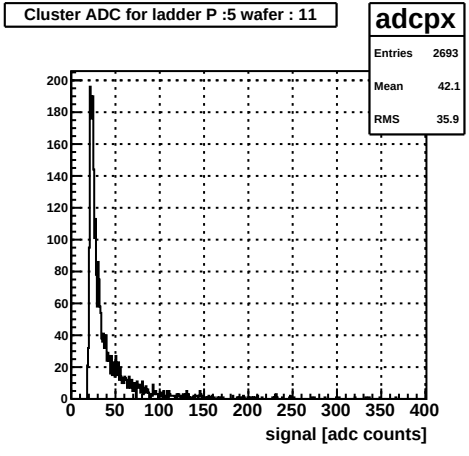

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 4059
Mean 29.17
RMS 14.48
signal [adc counts]

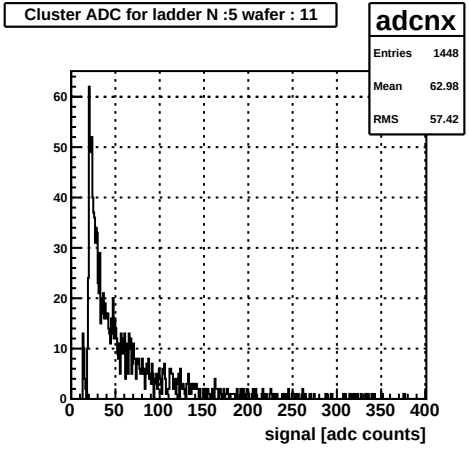

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 4243
Mean 29.73
RMS 35.12
signal [adc counts]

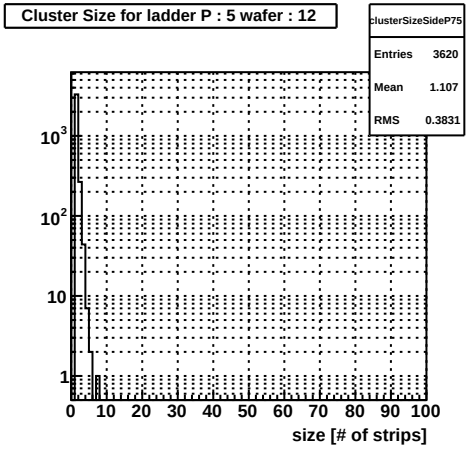

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 2693
Mean 1.146
RMS 0.4493
size [# of strips]

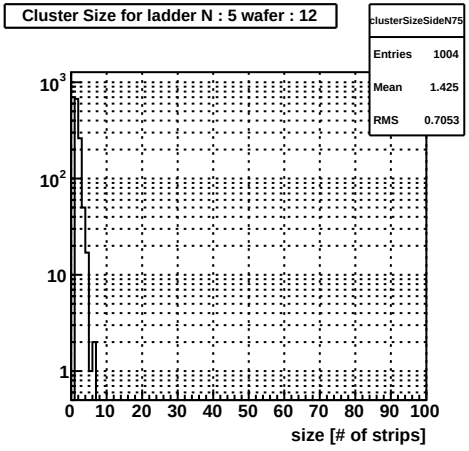

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 1448
Mean 1.326
RMS 0.6384
size [# of strips]

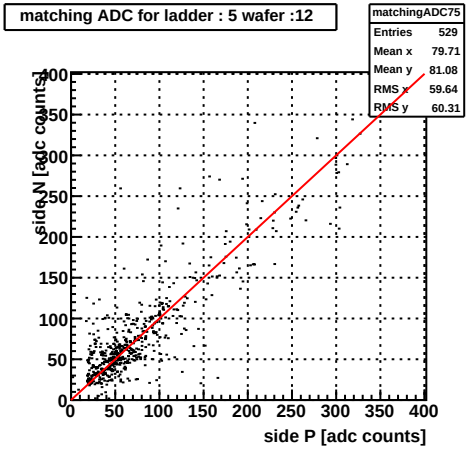

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 682
Mean x 80.37
Mean y 83.6
RMS x 60.75
RMS y 65.09
side N [adc counts]
side P [adc counts]

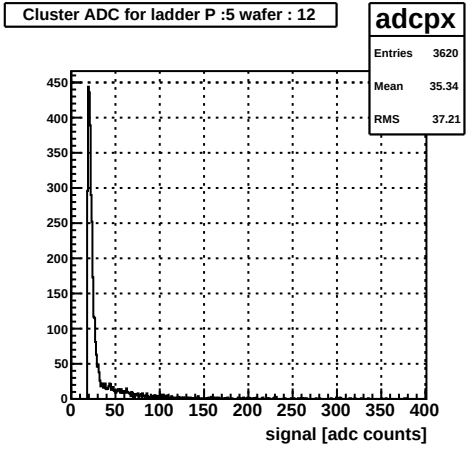

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 2693
Mean 42.1
RMS 35.9
signal [adc counts]

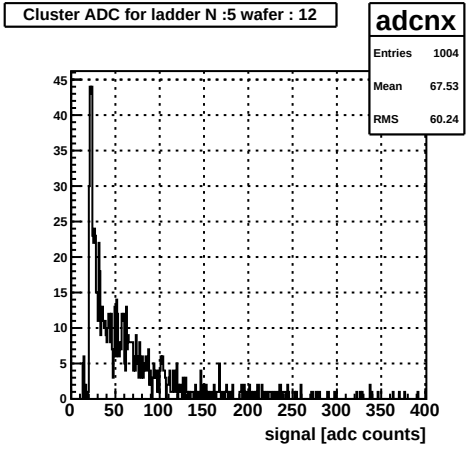

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 1448
Mean 62.98
RMS 57.42
signal [adc counts]

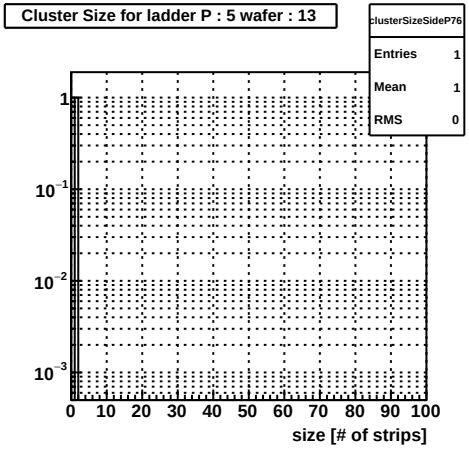

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 3620
Mean 1.107
RMS 0.3831
size [# of strips]

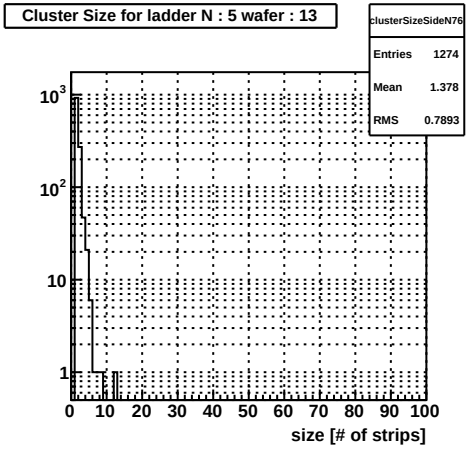

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 1004
Mean 1.425
RMS 0.7053
size [# of strips]

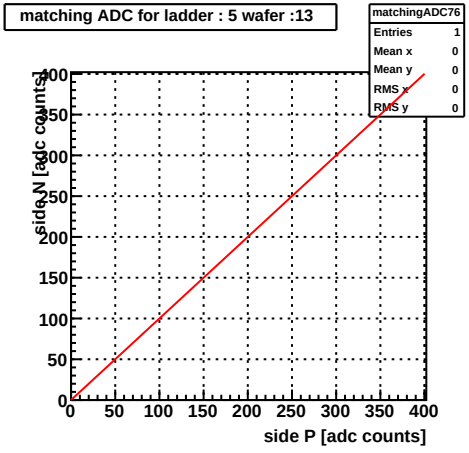

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 529
Mean x 79.71
Mean y 81.08
RMS x 59.64
RMS y 60.31
side N [adc counts]
side P [adc counts]

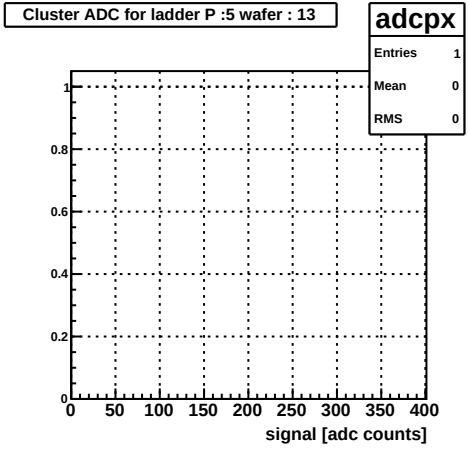

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 3620
Mean 35.34
RMS 37.21
signal [adc counts]

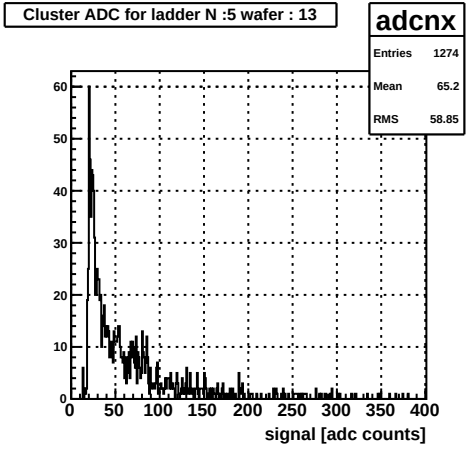

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 1004
Mean 67.53
RMS 60.24
signal [adc counts]

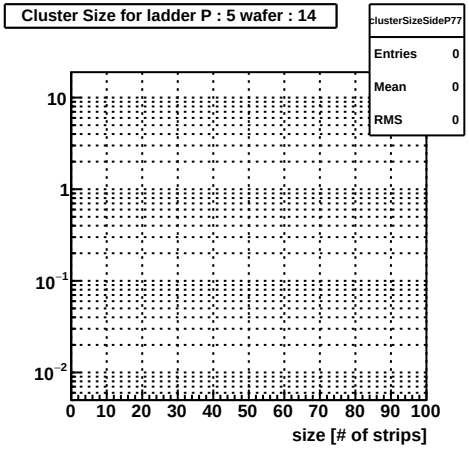

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 1
Mean 1
RMS 0
size [# of strips]

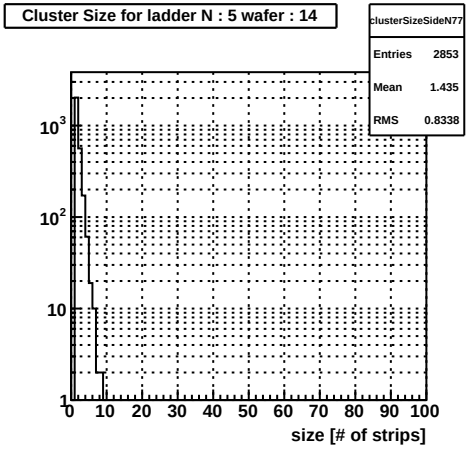

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 1274
Mean 1.378
RMS 0.7893
size [# of strips]

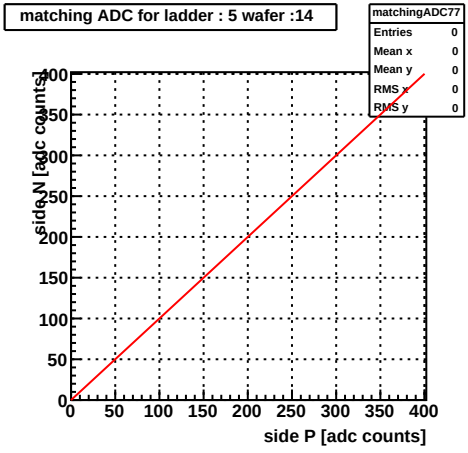

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

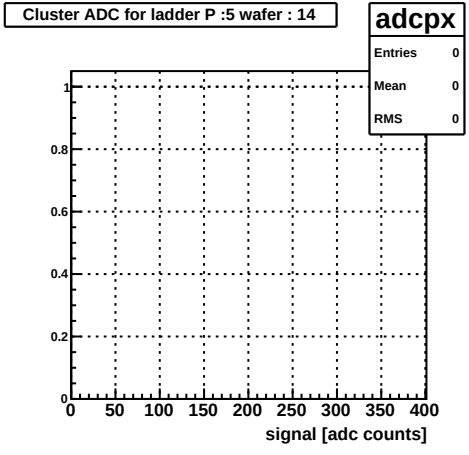

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

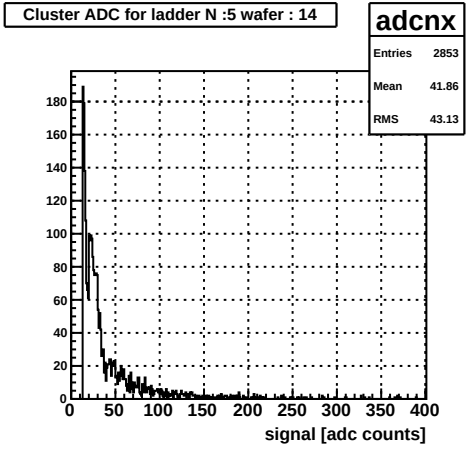

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 1274
Mean 65.2
RMS 58.85
signal [adc counts]

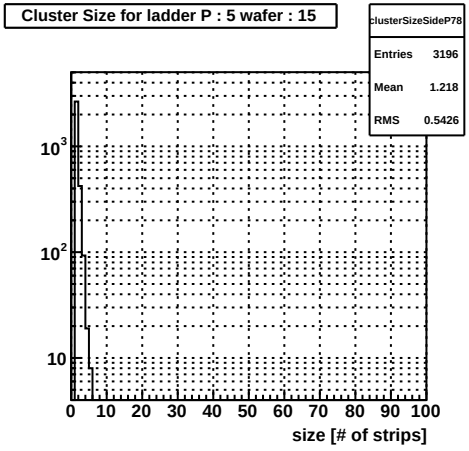

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

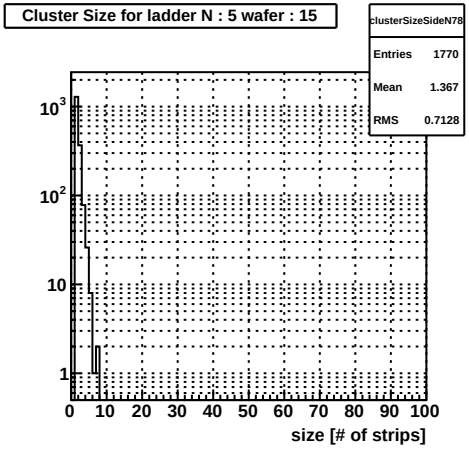

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 2853
Mean 1.435
RMS 0.8338
size [# of strips]

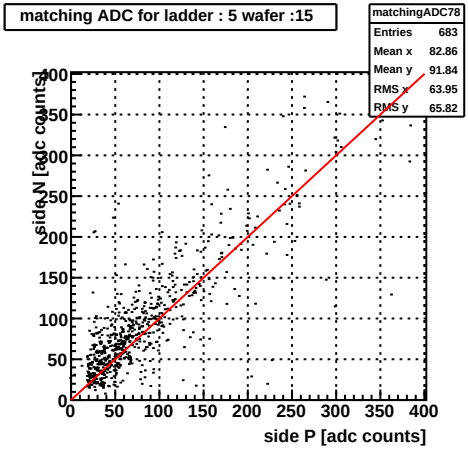

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

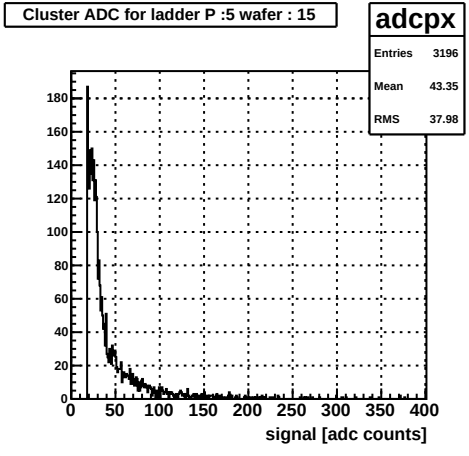

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

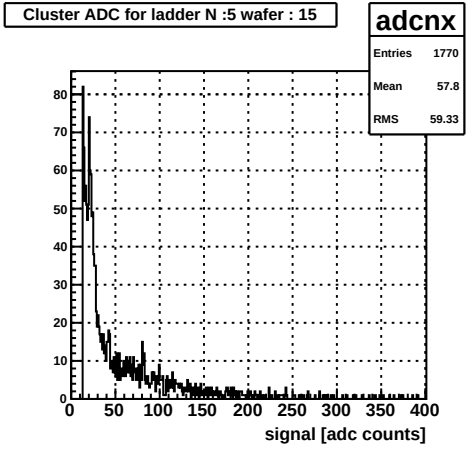

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 2853
Mean 41.86
RMS 43.13
signal [adc counts]

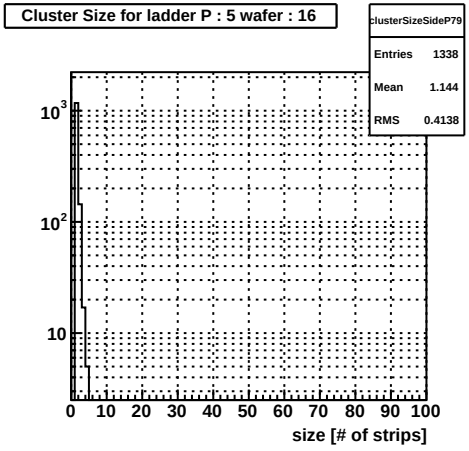

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 3196
Mean 1.218
RMS 0.5426
size [# of strips]

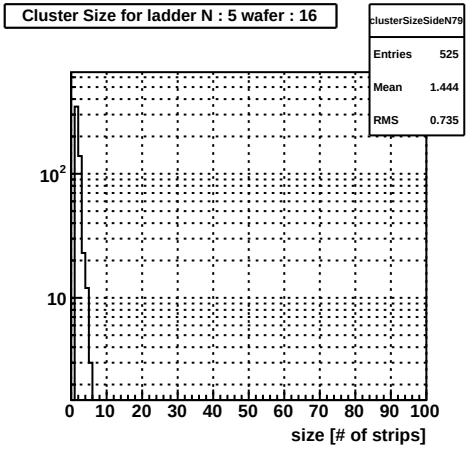

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 1770
Mean 1.367
RMS 0.7128
size [# of strips]

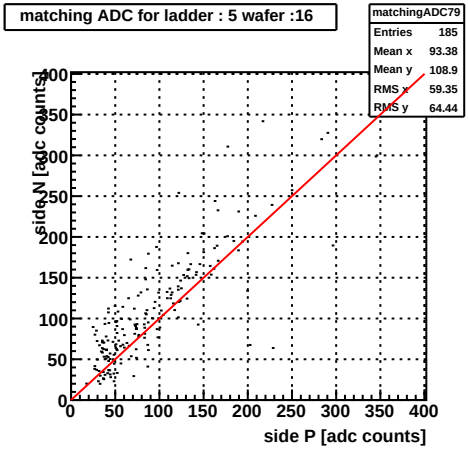

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 683
Mean x 82.86
Mean y 91.84
RMS x 63.95
RMS y 65.82
side N [adc counts]
side P [adc counts]

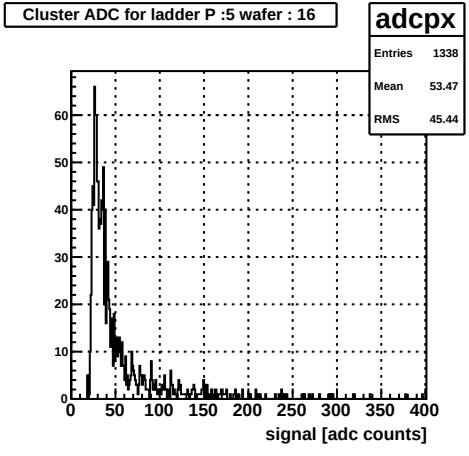

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 3196
Mean 43.35
RMS 37.98
signal [adc counts]

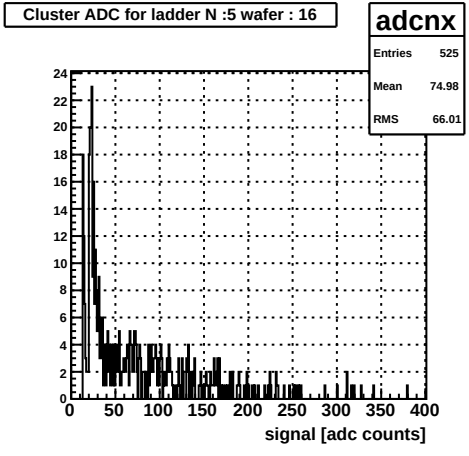

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 1770
Mean 57.8
RMS 59.33
signal [adc counts]

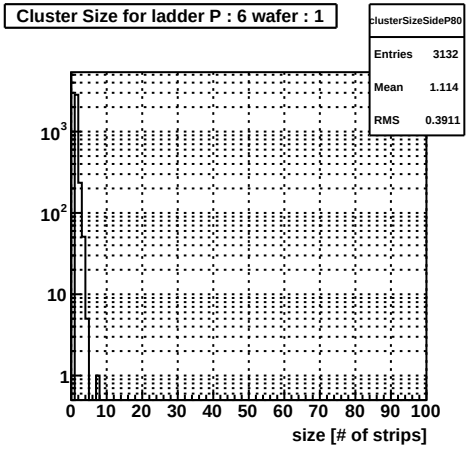

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 1338
Mean 1.144
RMS 0.4138
size [# of strips]

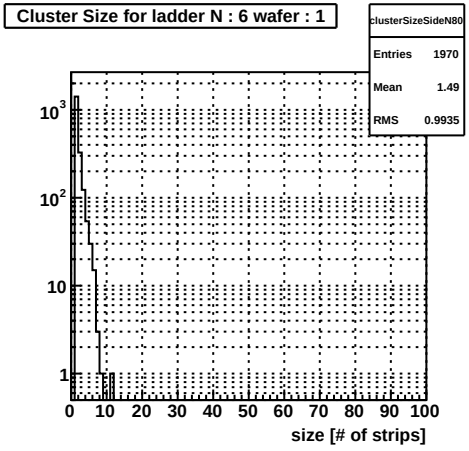

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 525
Mean 1.444
RMS 0.735
size [# of strips]

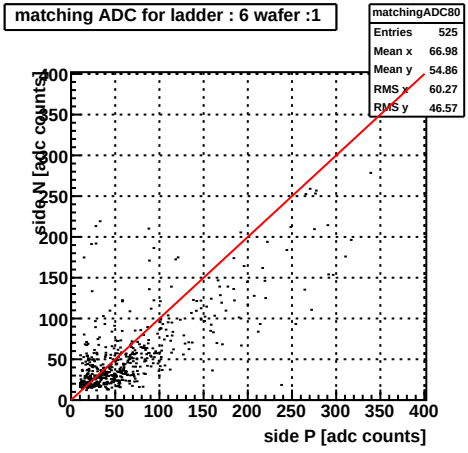

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 185
Mean x 93.38
Mean y 108.9
RMS x 59.35
RMS y 64.44
side N [adc counts]
side P [adc counts]

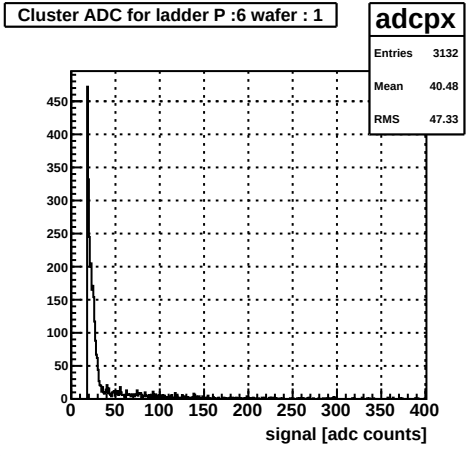

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 1338
Mean 53.47
RMS 45.44
signal [adc counts]

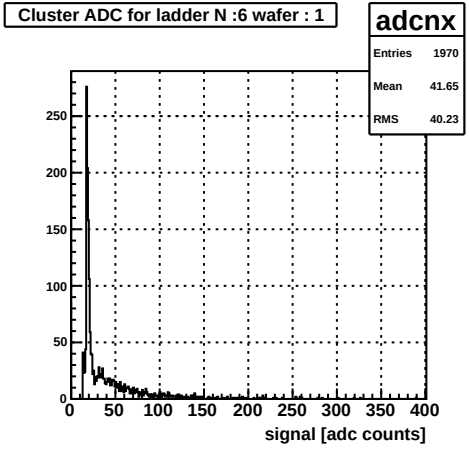

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 525
Mean 74.98
RMS 66.01
signal [adc counts]

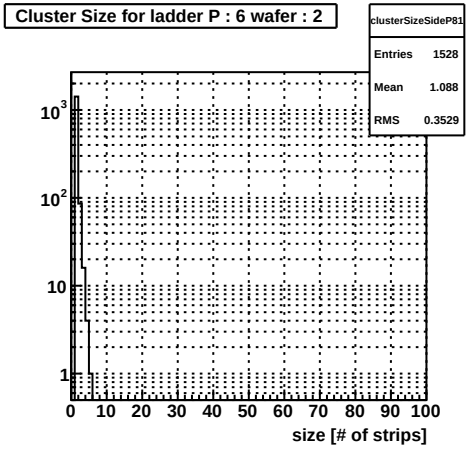

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 3132
Mean 1.114
RMS 0.3911
size [# of strips]

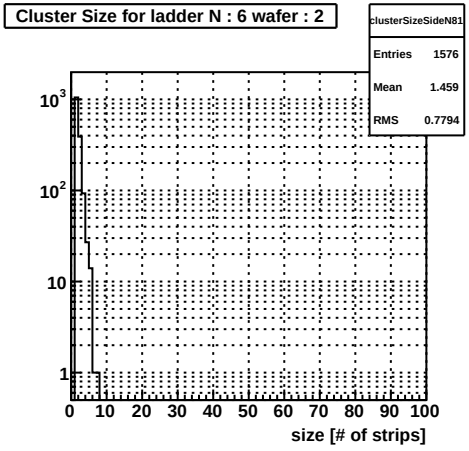

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 1970
Mean 1.49
RMS 0.9935
size [# of strips]

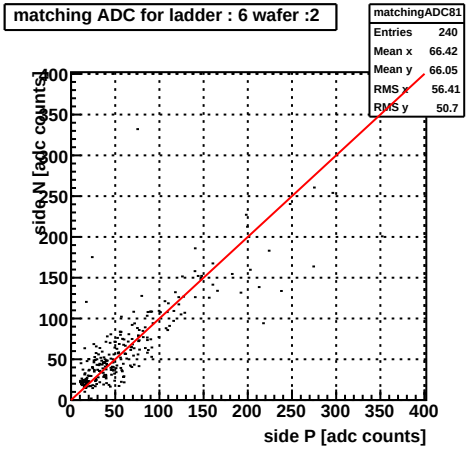

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 525
Mean x 66.98
Mean y 54.86
RMS x 60.27
RMS y 46.57
side N [adc counts]
side P [adc counts]

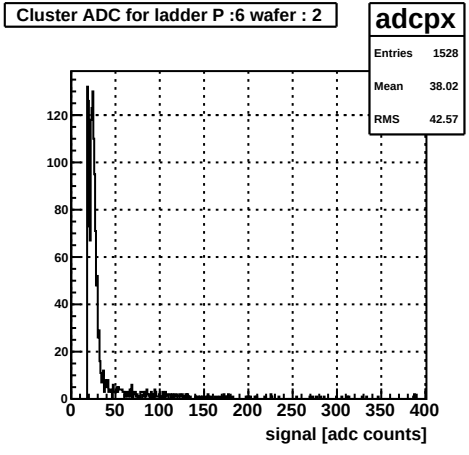

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 3132
Mean 40.48
RMS 47.33
signal [adc counts]

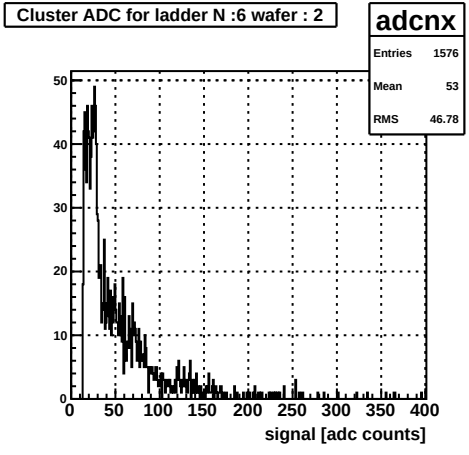

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 1970
Mean 41.65
RMS 40.23
signal [adc counts]

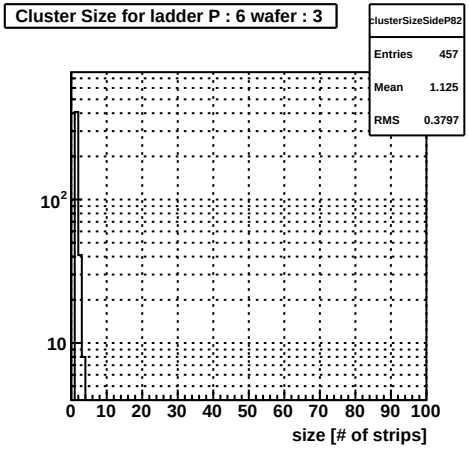

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 1528
Mean 1.088
RMS 0.3529
size [# of strips]

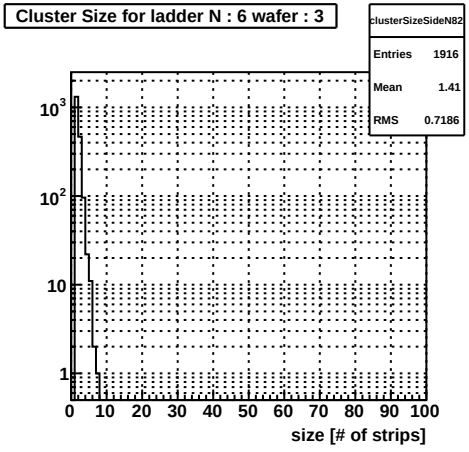

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 1576
Mean 1.459
RMS 0.7794
size [# of strips]

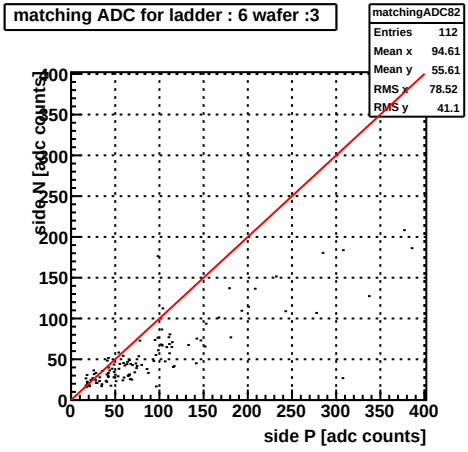

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 240
Mean x 66.42
Mean y 66.05
RMS x 56.41
RMS y 50.7
side N [adc counts]
side P [adc counts]

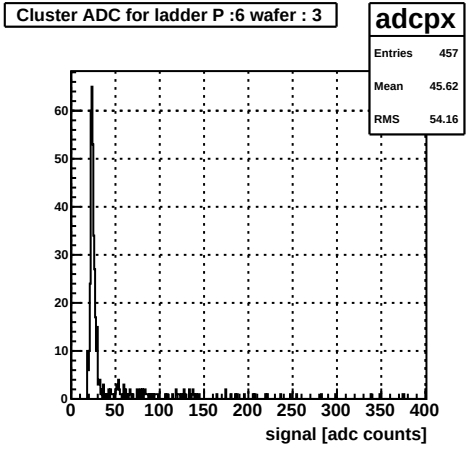

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 1528
Mean 38.02
RMS 42.57
signal [adc counts]

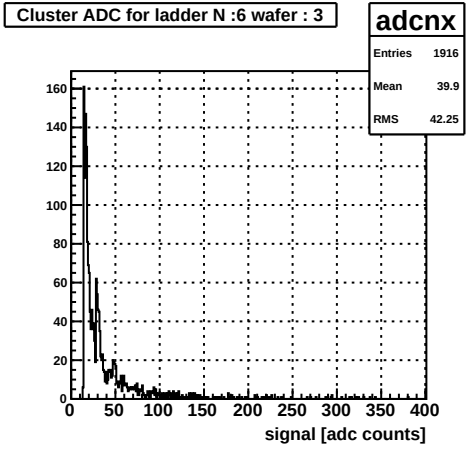

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 1576
Mean 53
RMS 46.78
signal [adc counts]

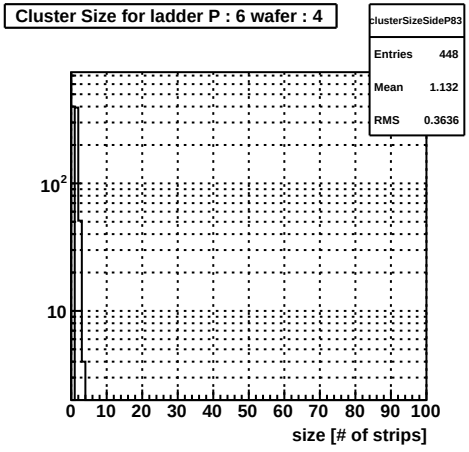

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 457
Mean 1.125
RMS 0.3797
size [# of strips]

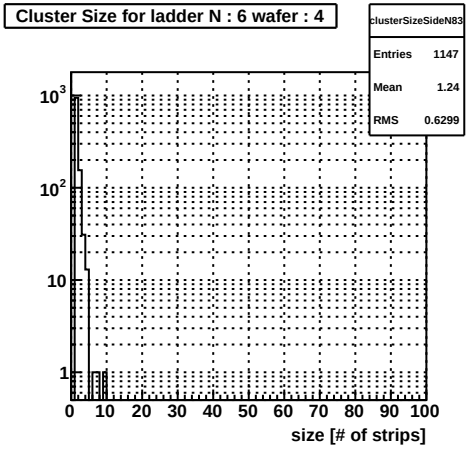

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 1916
Mean 1.41
RMS 0.7186
size [# of strips]

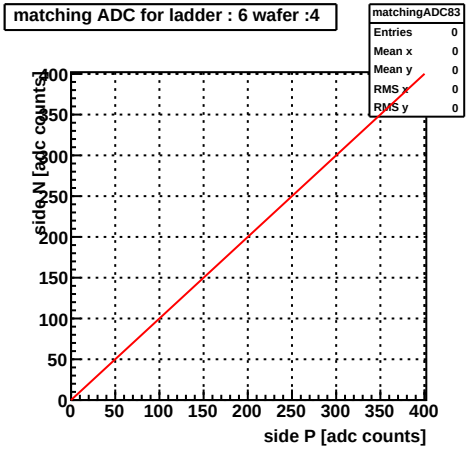

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 112
Mean x 94.61
Mean y 55.61
RMS x 78.52
RMS y 41.1
side N [adc counts]
side P [adc counts]

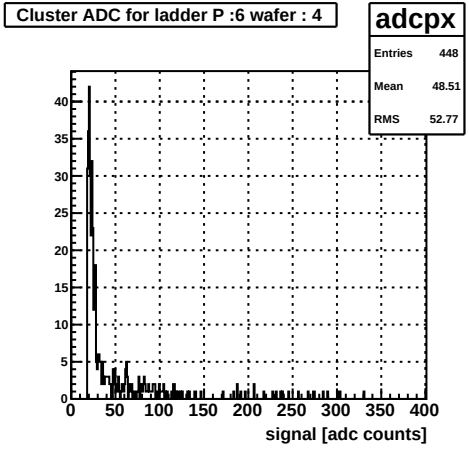

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 457
Mean 45.62
RMS 54.16
signal [adc counts]

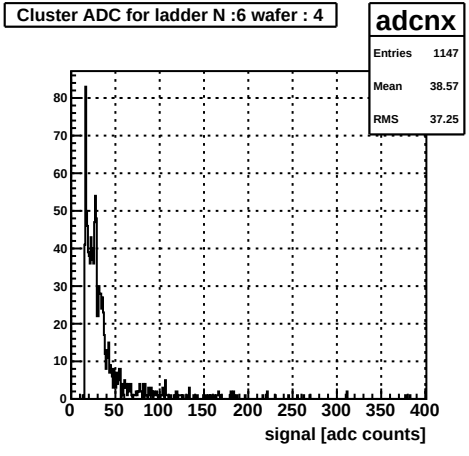

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 1916
Mean 39.9
RMS 42.25
signal [adc counts]

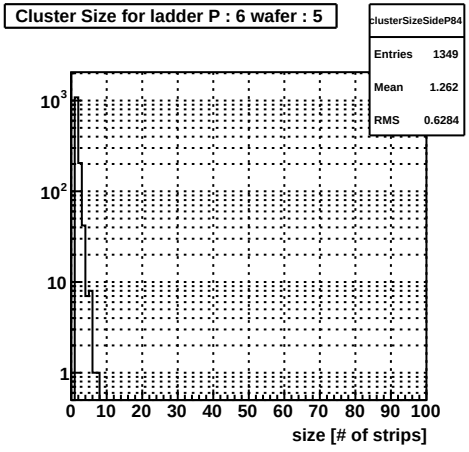

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 448
Mean 1.132
RMS 0.3636
size [# of strips]

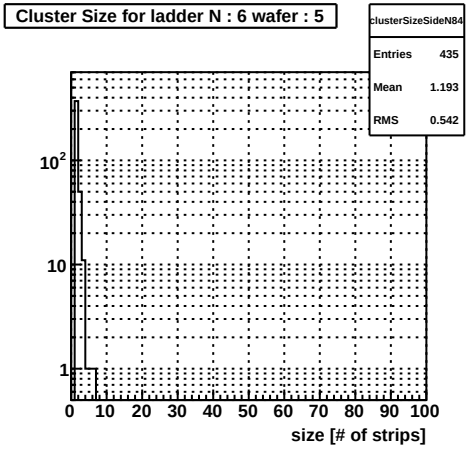

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 1147
Mean 1.24
RMS 0.6299
size [# of strips]

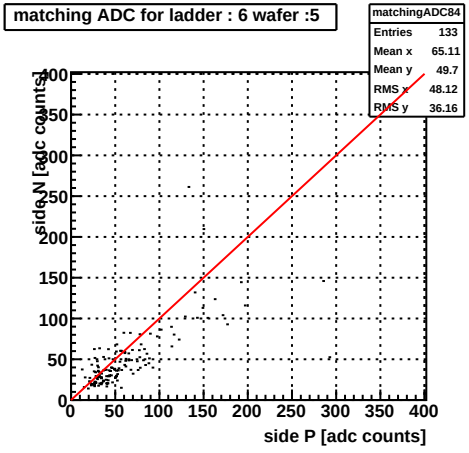

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

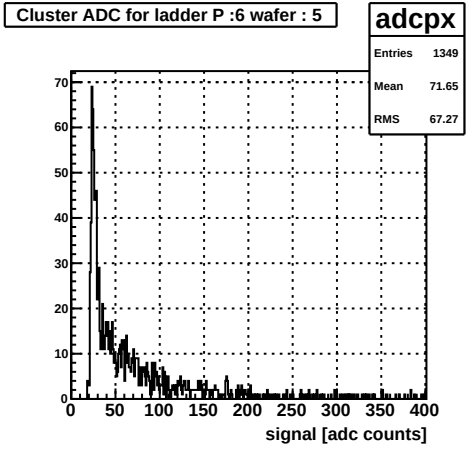

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 448
Mean 48.51
RMS 52.77
signal [adc counts]

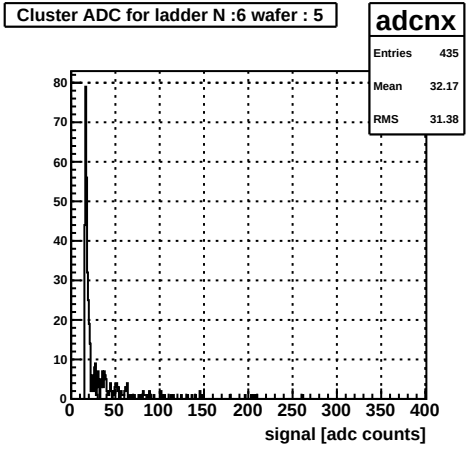

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 1147
Mean 38.57
RMS 37.25
signal [adc counts]

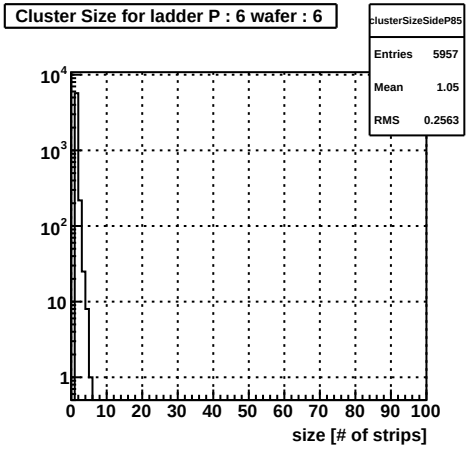

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 1349
Mean 1.262
RMS 0.6284
size [# of strips]

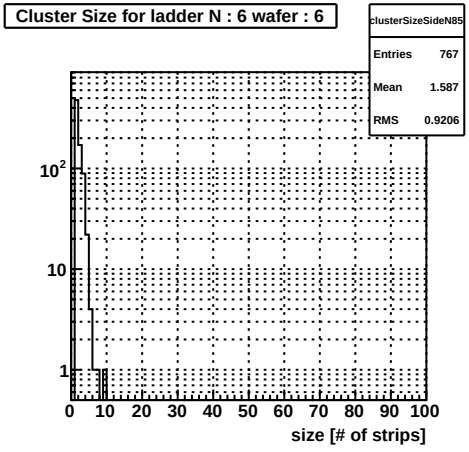

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 435
Mean 1.193
RMS 0.542
size [# of strips]

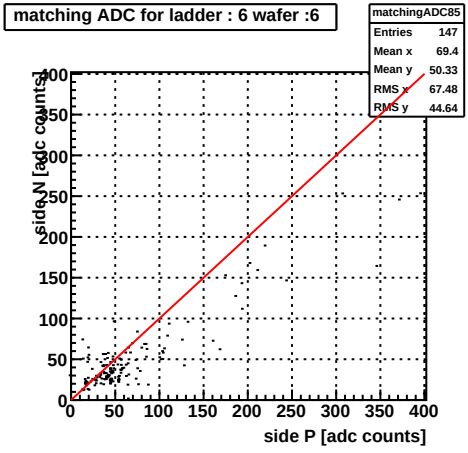

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 133
Mean x 65.11
Mean y 49.7
RMS x 48.12
RMS y 36.16
side N [adc counts]
side P [adc counts]

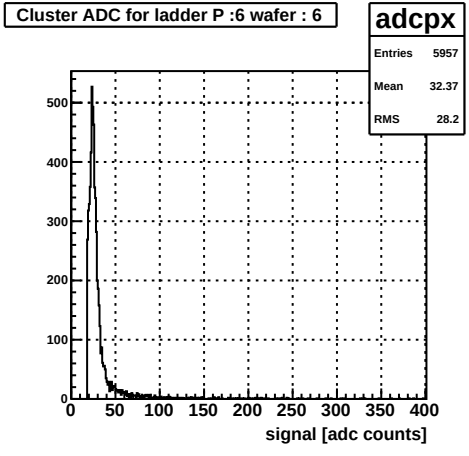

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 1349
Mean 71.65
RMS 67.27
signal [adc counts]

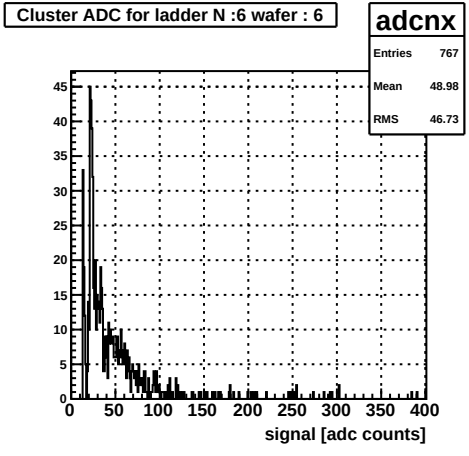

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 435
Mean 32.17
RMS 31.38
signal [adc counts]

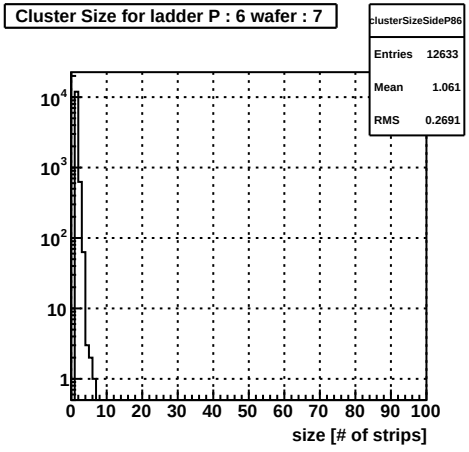

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 5957
Mean 1.05
RMS 0.2563
size [# of strips]

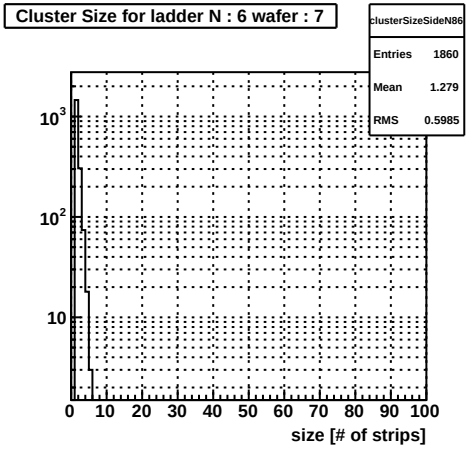

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 767
Mean 1.587
RMS 0.9206
size [# of strips]

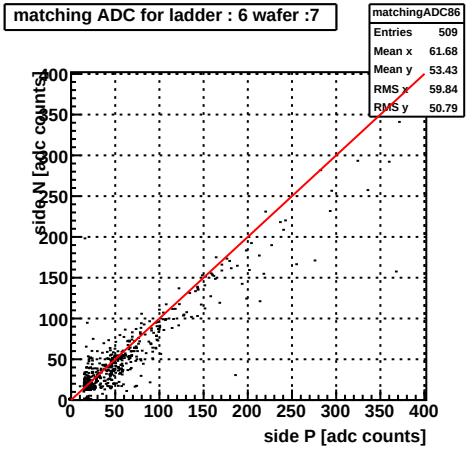

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 147
Mean x 69.4
Mean y 50.33
RMS x 67.48
RMS y 44.64
side N [adc counts]
side P [adc counts]

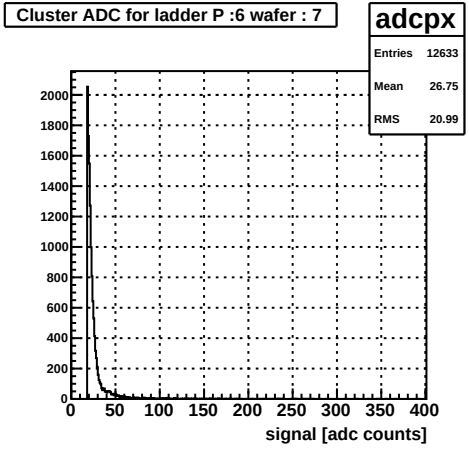

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 5957
Mean 32.37
RMS 28.2
signal [adc counts]

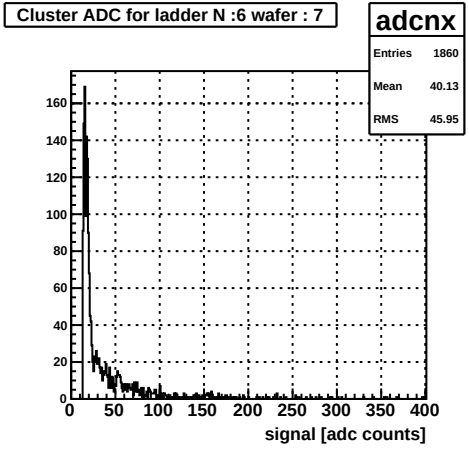

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 767
Mean 48.98
RMS 46.73
signal [adc counts]

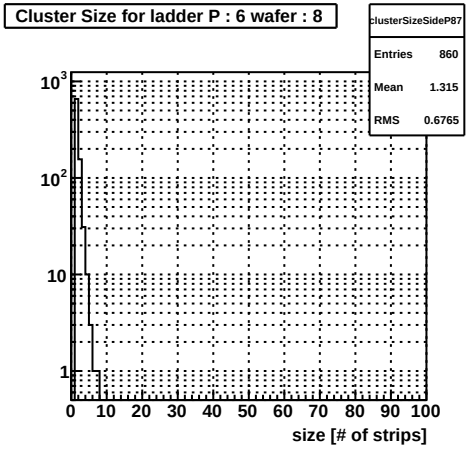

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 12633
Mean 1.061
RMS 0.2691
size [# of strips]

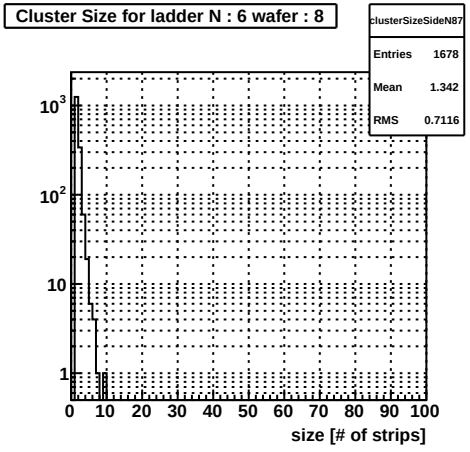

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 1860
Mean 1.279
RMS 0.5985
size [# of strips]

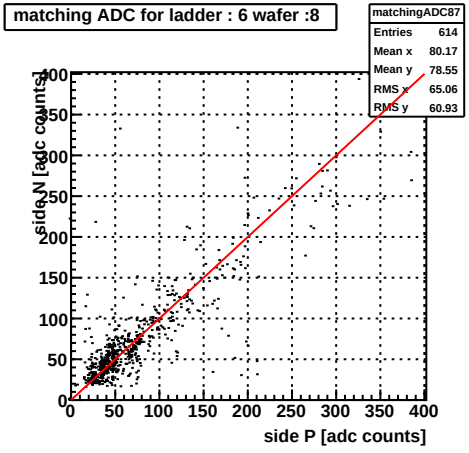

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 509
Mean x 61.68
Mean y 53.43
RMS x 59.84
RMS y 50.79
side N [adc counts]
side P [adc counts]

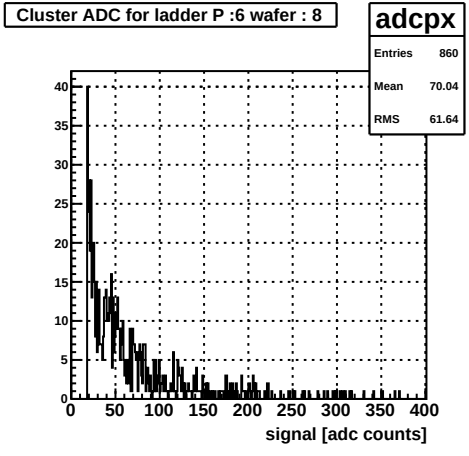

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 12633
Mean 26.75
RMS 20.99
signal [adc counts]

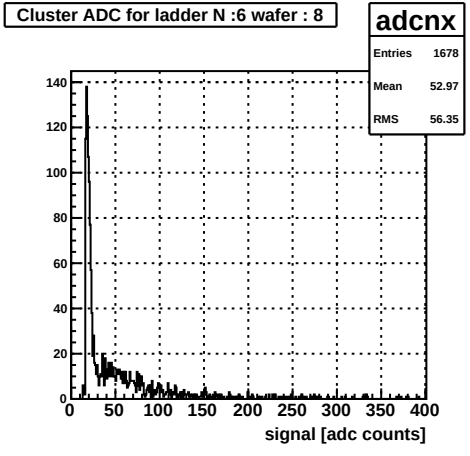

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 1860
Mean 40.13
RMS 45.95
signal [adc counts]

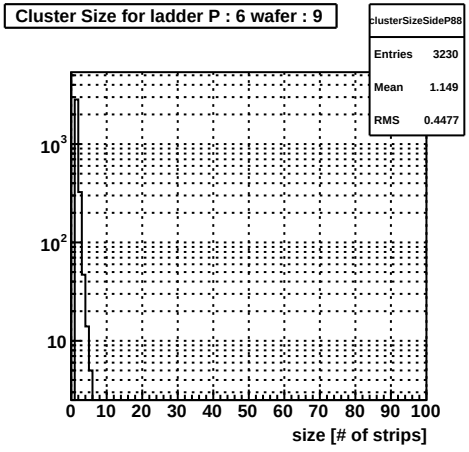

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 860
Mean 1.315
RMS 0.6765
size [# of strips]

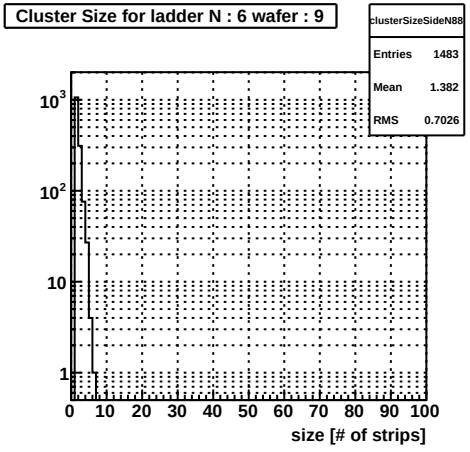

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 1678
Mean 1.342
RMS 0.7116
size [# of strips]

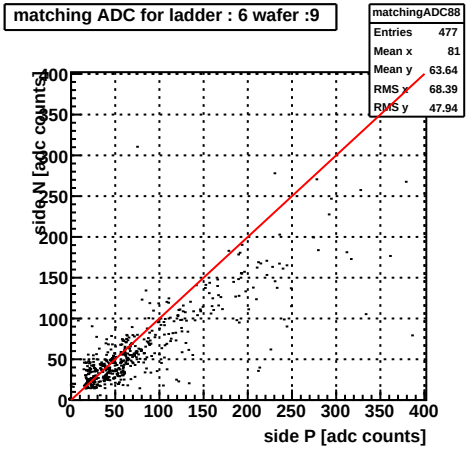

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 614
Mean x 80.17
Mean y 78.55
RMS x 65.06
RMS y 60.93
side N [adc counts]
side P [adc counts]

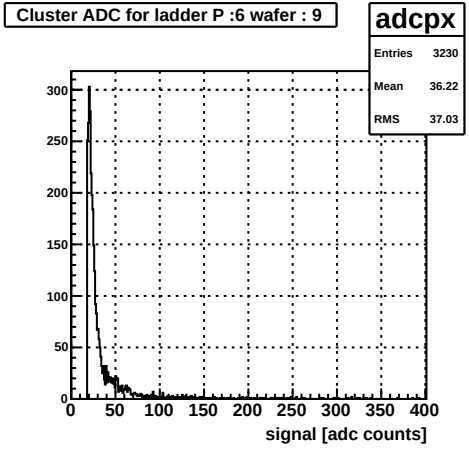

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 860
Mean 70.04
RMS 61.64
signal [adc counts]

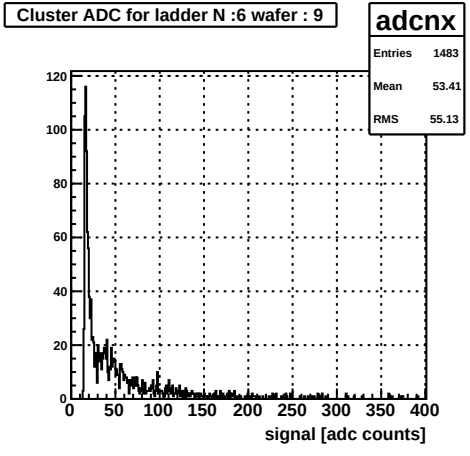

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 1678
Mean 52.97
RMS 56.35
signal [adc counts]

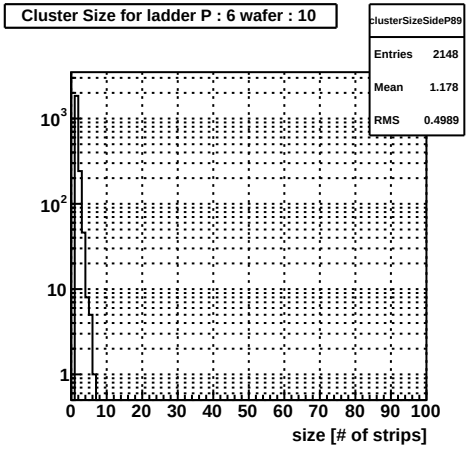

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 3230
Mean 1.149
RMS 0.4477
size [# of strips]

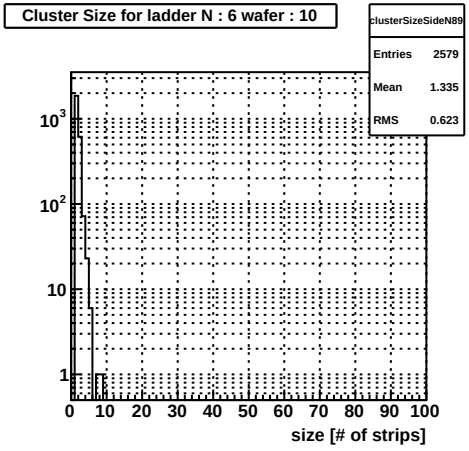

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 1483
Mean 1.382
RMS 0.7026
size [# of strips]

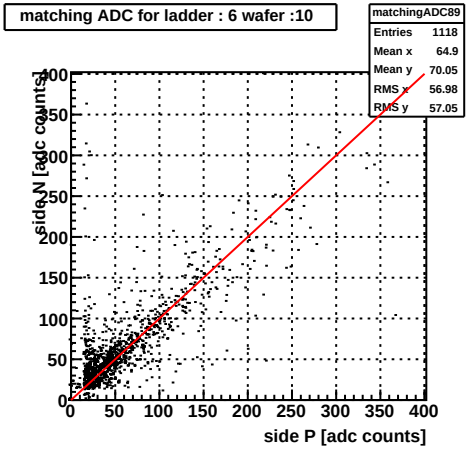

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 477
Mean x 81
Mean y 63.64
RMS x 68.39
RMS y 47.94
side N [adc counts]
side P [adc counts]

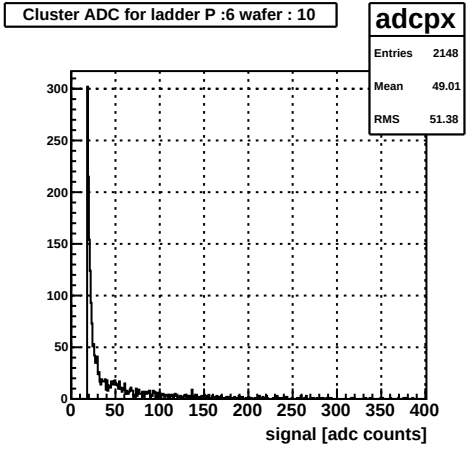

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 3230
Mean 36.22
RMS 37.03
signal [adc counts]

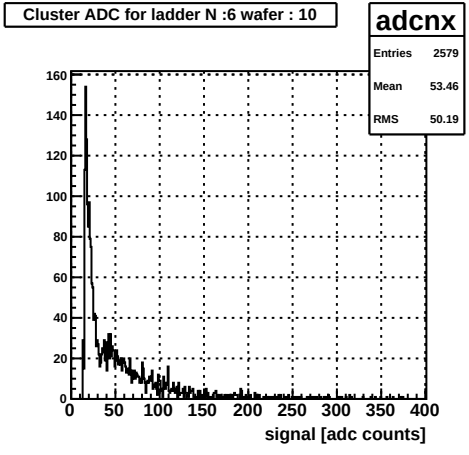

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 1483
Mean 53.41
RMS 55.13
signal [adc counts]

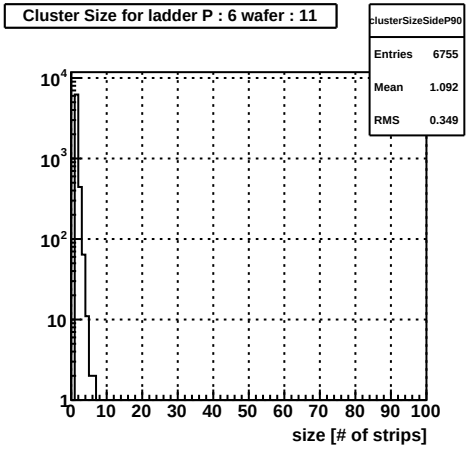

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 2148
Mean 1.178
RMS 0.4989
size [# of strips]

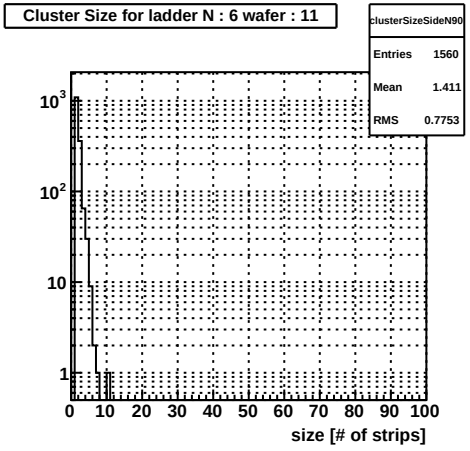

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 2579
Mean 1.335
RMS 0.623
size [# of strips]

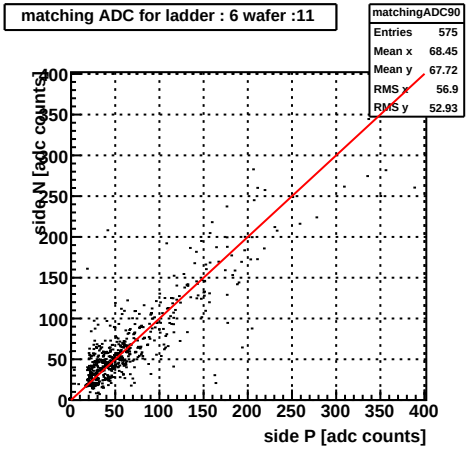

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 1118
Mean x 64.9
Mean y 70.05
RMS x 56.98
RMS y 57.05
side N [adc counts]
side P [adc counts]

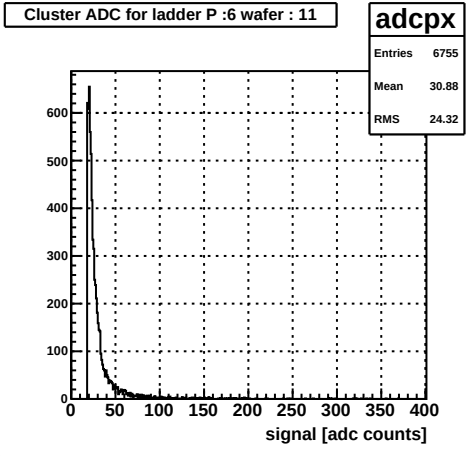

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 2148
Mean 49.01
RMS 51.38
signal [adc counts]

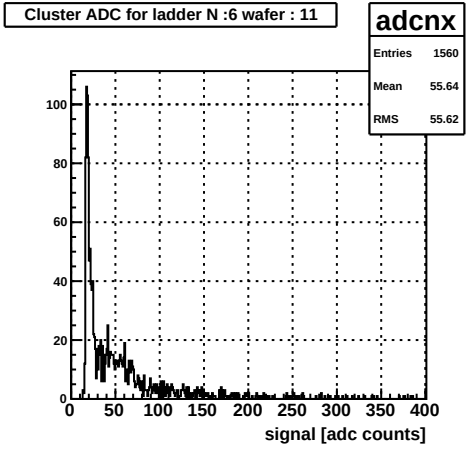

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 2579
Mean 53.46
RMS 50.19
signal [adc counts]

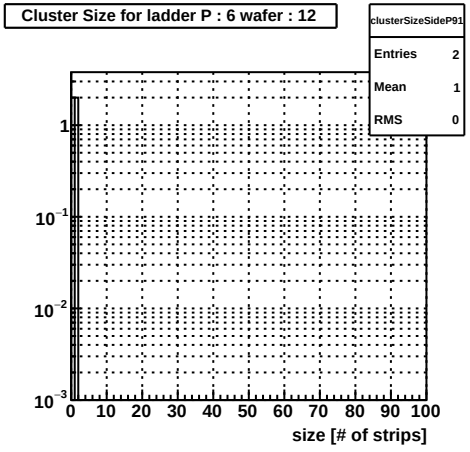

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 6755
Mean 1.092
RMS 0.349
size [# of strips]

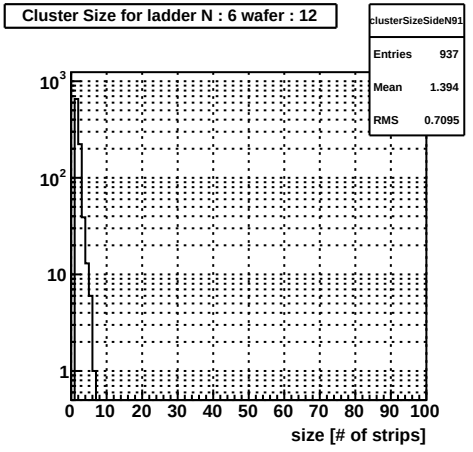

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 1560
Mean 1.411
RMS 0.7753
size [# of strips]

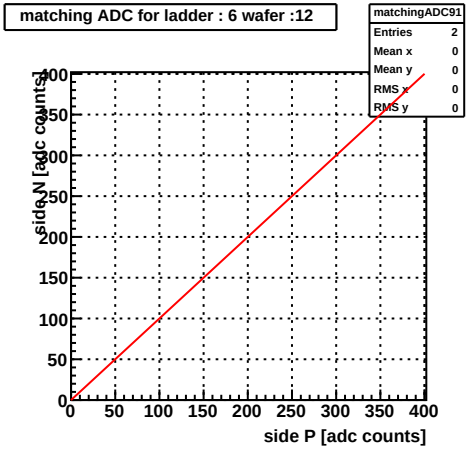

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 575
Mean x 68.45
Mean y 67.72
RMS x 56.9
RMS y 52.93
side N [adc counts]
side P [adc counts]

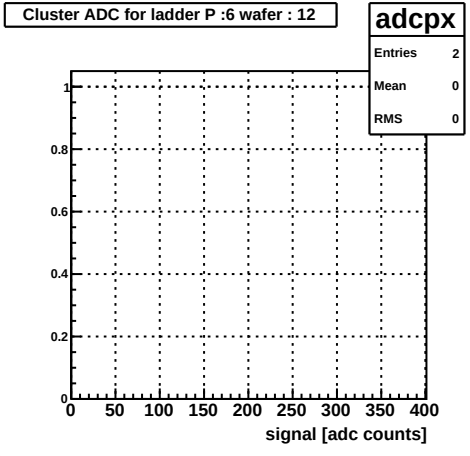

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 6755
Mean 30.88
RMS 24.32
signal [adc counts]

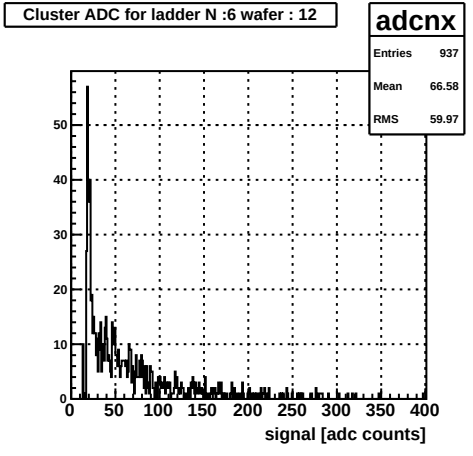

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 1560
Mean 55.64
RMS 55.62
signal [adc counts]

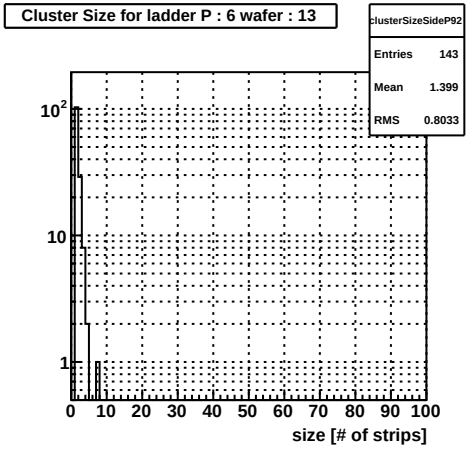

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 2
Mean 1
RMS 0
size [# of strips]

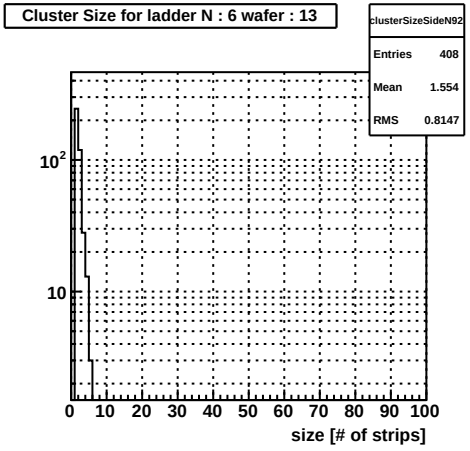

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 937
Mean 1.394
RMS 0.7095
size [# of strips]

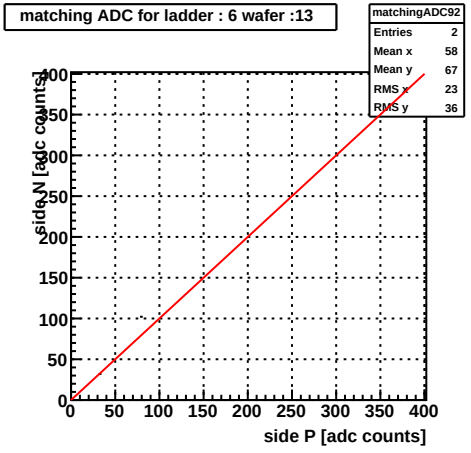

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

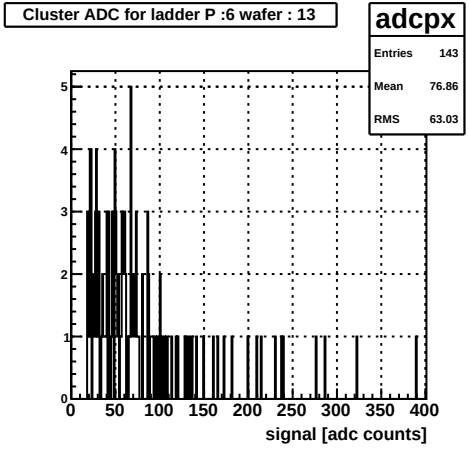

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

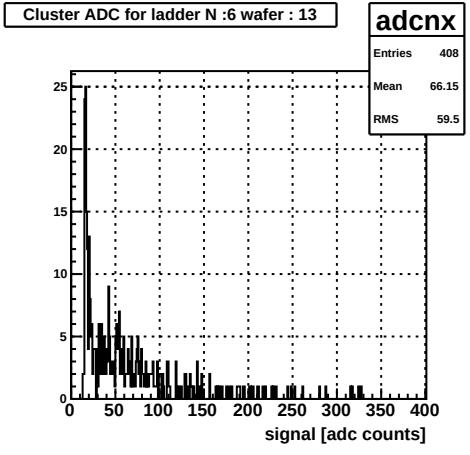

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 937
Mean 66.58
RMS 59.97
signal [adc counts]

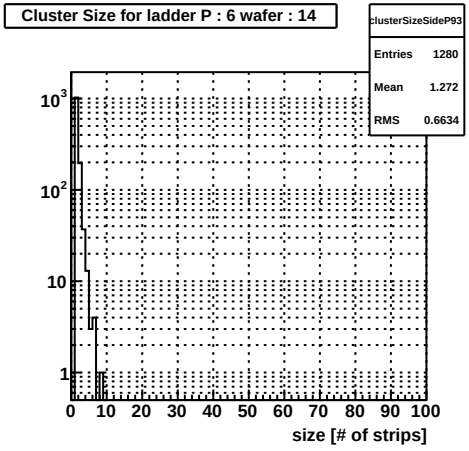

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 143
Mean 1.399
RMS 0.8033
size [# of strips]

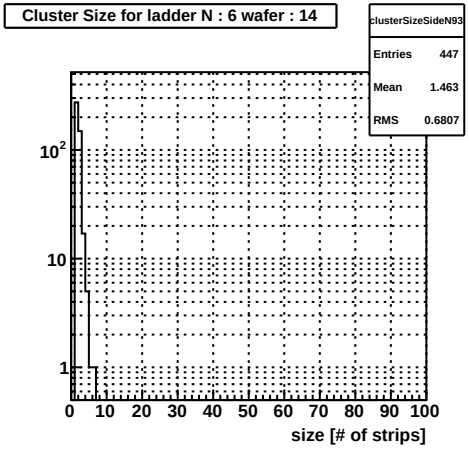

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 408
Mean 1.554
RMS 0.8147
size [# of strips]

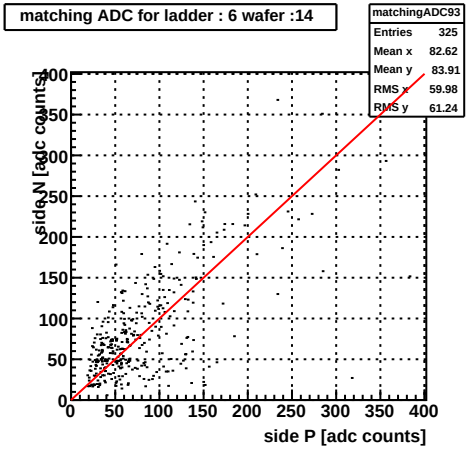

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 2
Mean x 58
Mean y 67
RMS x 23
RMS y 36
side N [adc counts]
side P [adc counts]

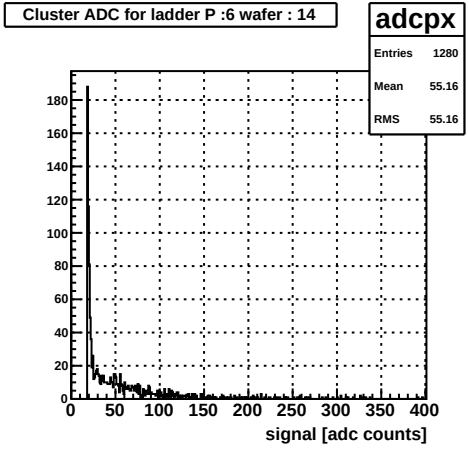

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 143
Mean 76.86
RMS 63.03
signal [adc counts]

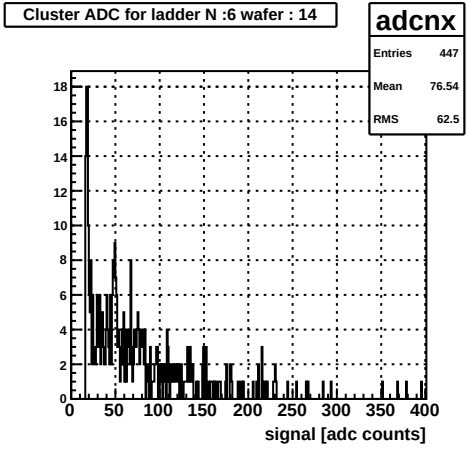

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 408
Mean 66.15
RMS 59.5
signal [adc counts]

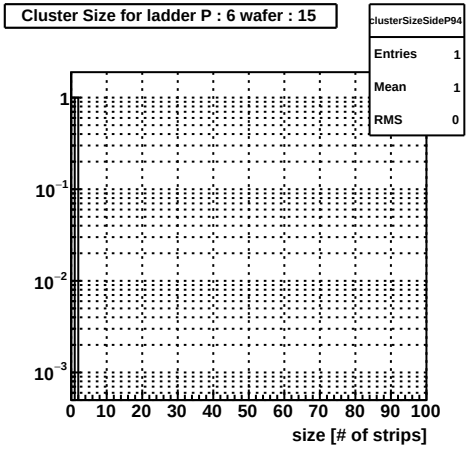

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 1280
Mean 1.272
RMS 0.6634
size [# of strips]

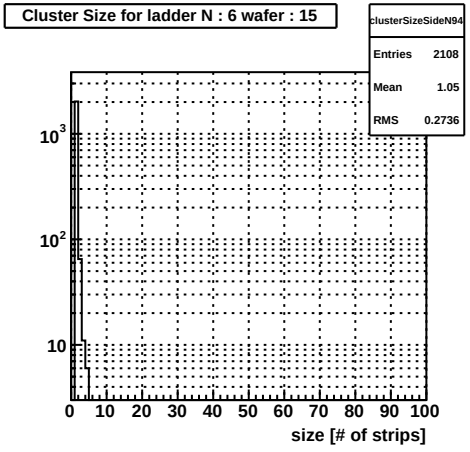

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 447
Mean 1.463
RMS 0.6807
size [# of strips]

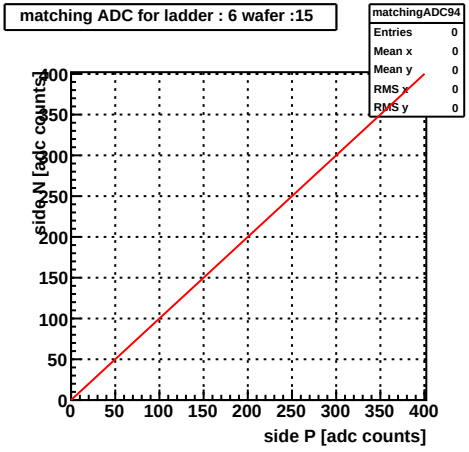

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 325
Mean x 82.62
Mean y 83.91
RMS x 59.98
RMS y 61.24
side N [adc counts]
side P [adc counts]

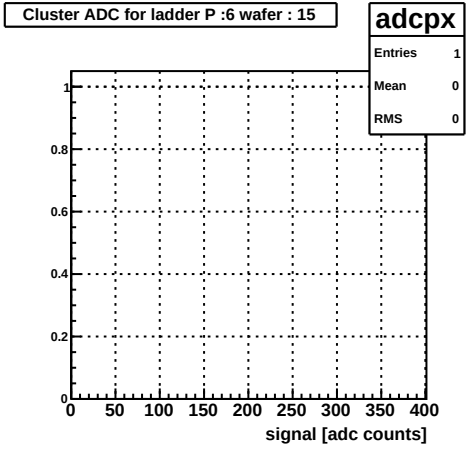

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 1280
Mean 55.16
RMS 55.16
signal [adc counts]

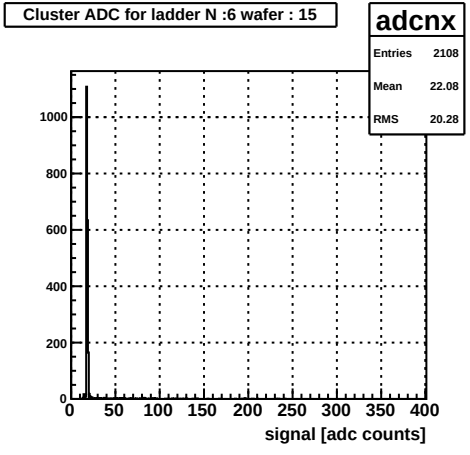

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 447
Mean 76.54
RMS 62.5
signal [adc counts]

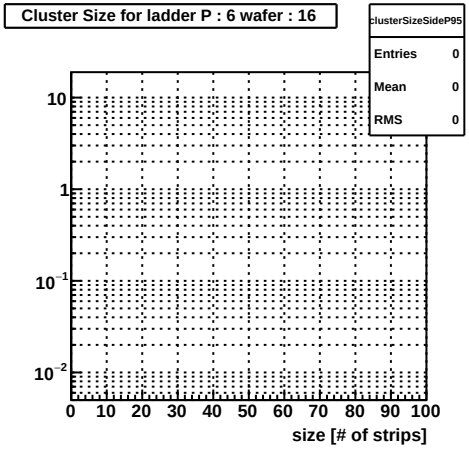

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 1
Mean 1
RMS 0
size [# of strips]

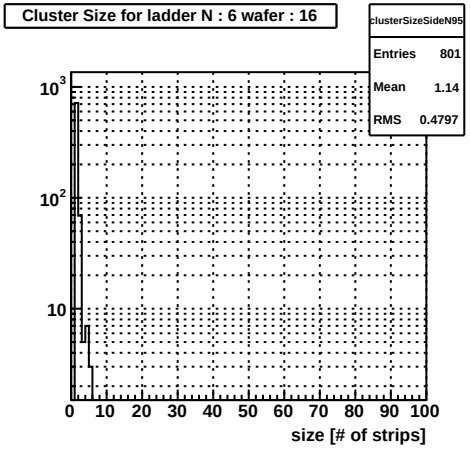

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 2108
Mean 1.05
RMS 0.2736
size [# of strips]

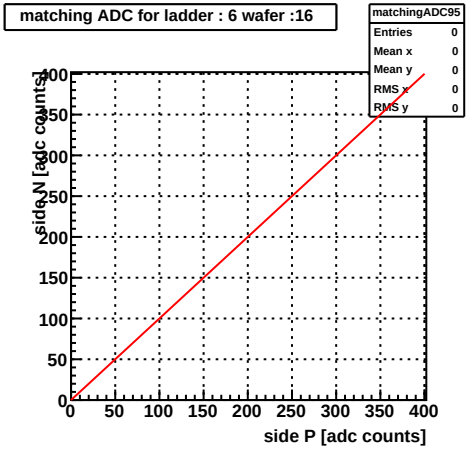

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

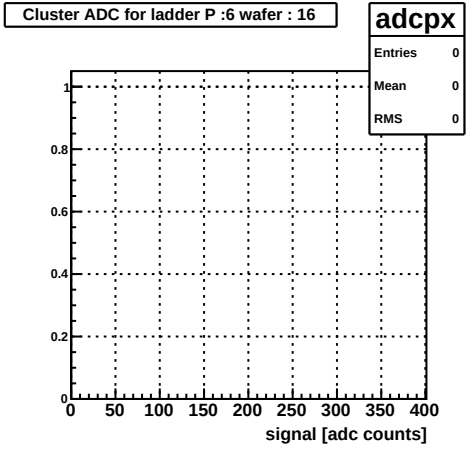

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

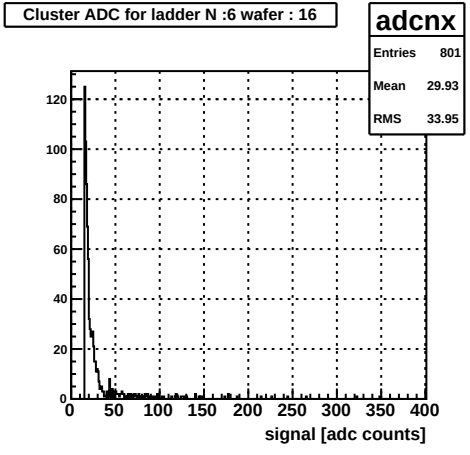

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 2108
Mean 22.08
RMS 20.28
signal [adc counts]

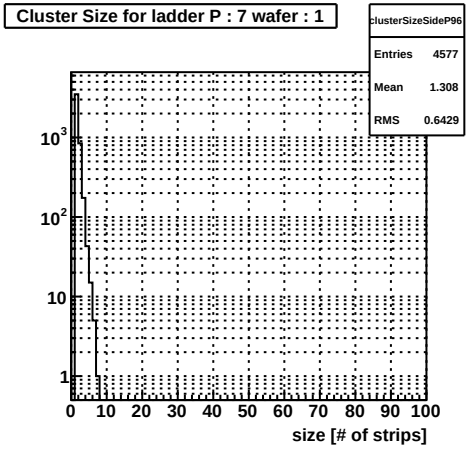

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

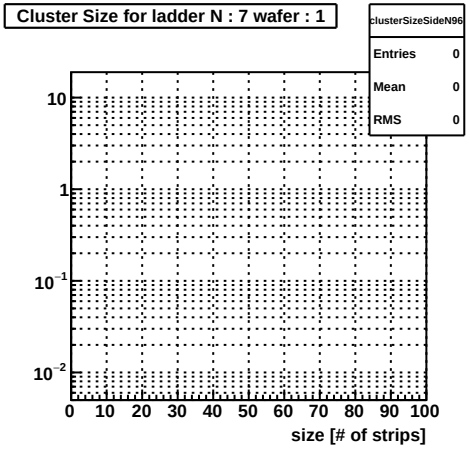

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 801
Mean 1.14
RMS 0.4797
size [# of strips]

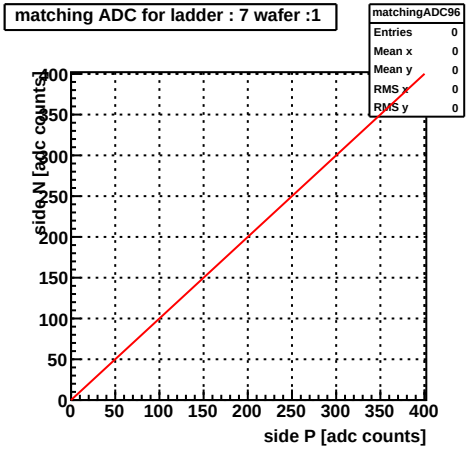

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

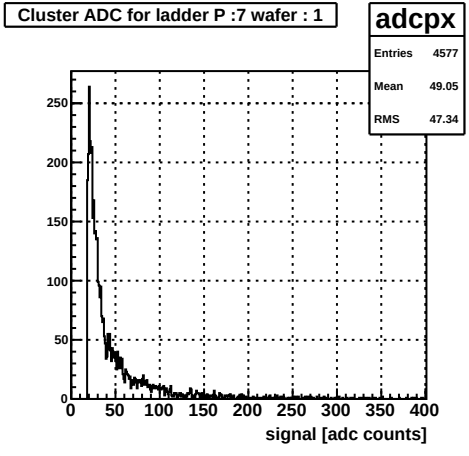

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

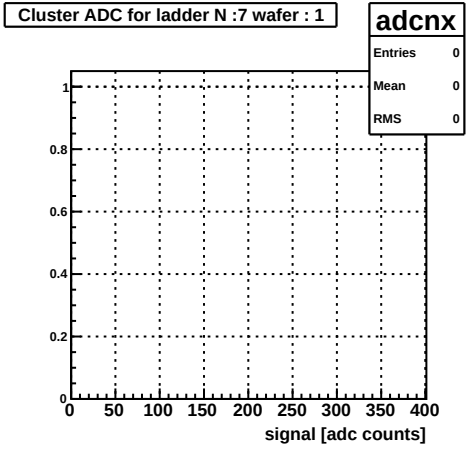

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 801
Mean 29.93
RMS 33.95
signal [adc counts]

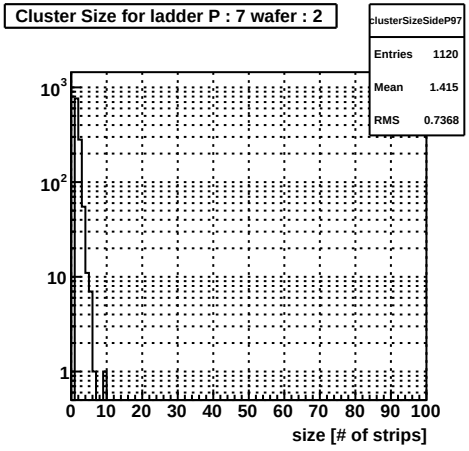

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 4577
Mean 1.308
RMS 0.6429
size [# of strips]

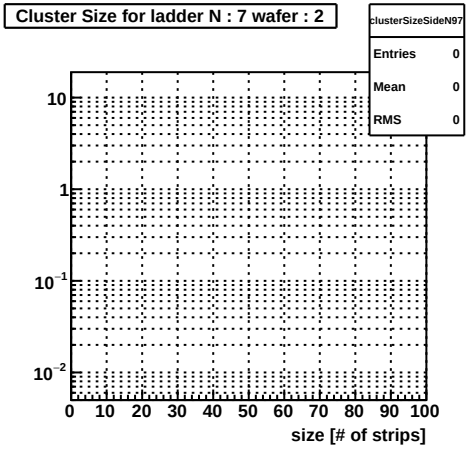

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

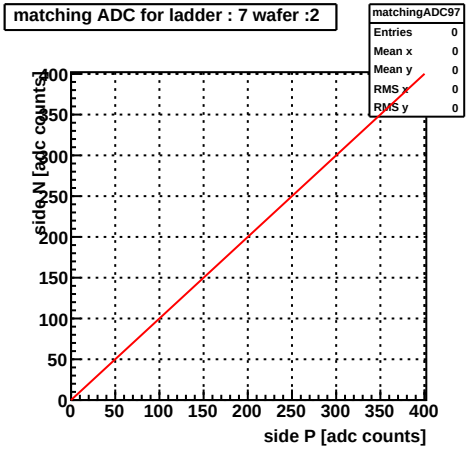

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

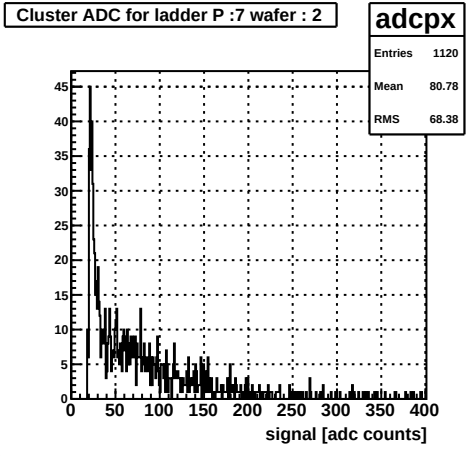

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 4577
Mean 49.05
RMS 47.34
signal [adc counts]

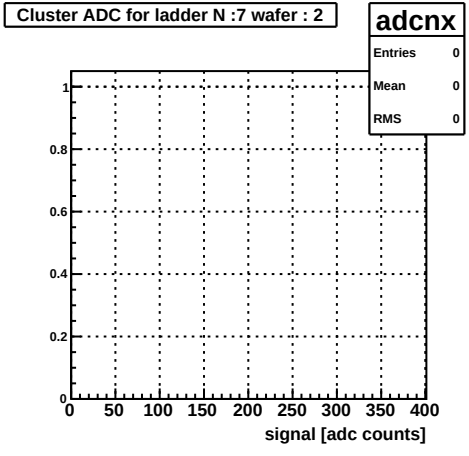

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

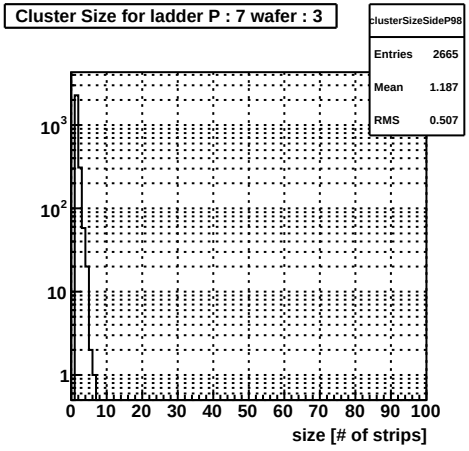

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 1120
Mean 1.415
RMS 0.7368
size [# of strips]

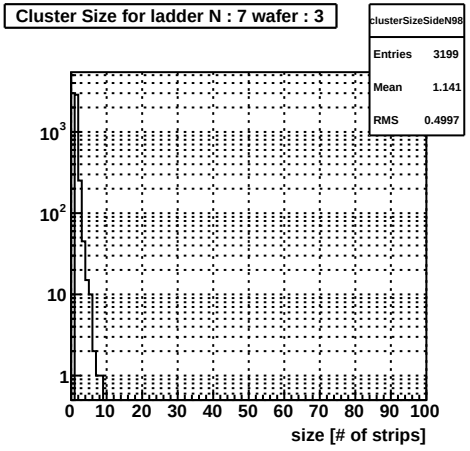

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

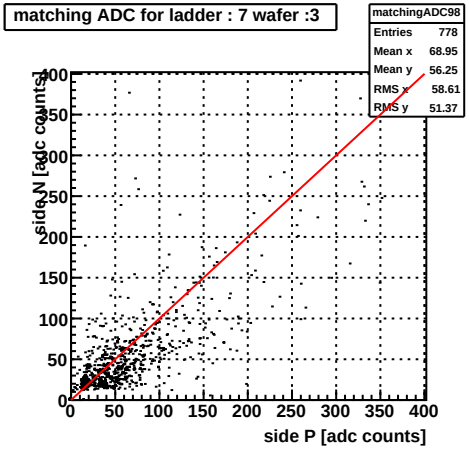

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

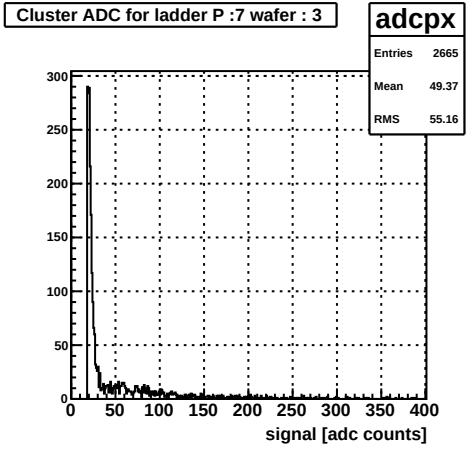

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 1120
Mean 80.78
RMS 68.38
signal [adc counts]

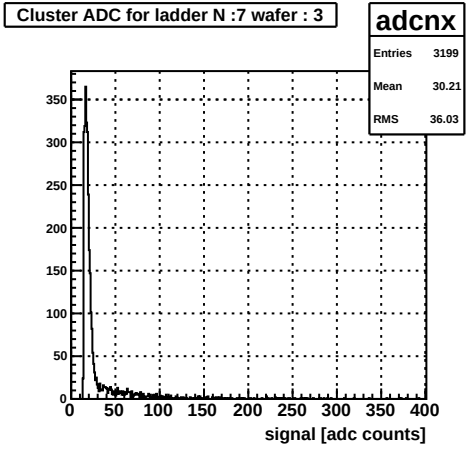

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

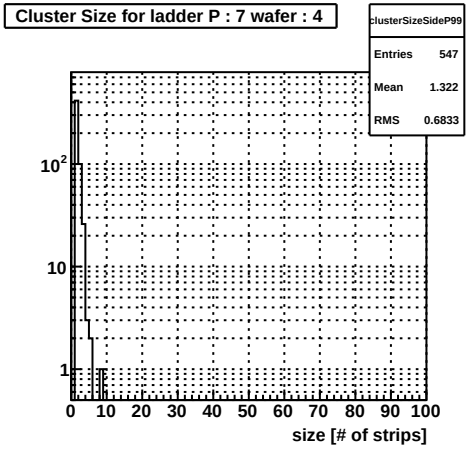

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 2665
Mean 1.187
RMS 0.507
size [# of strips]

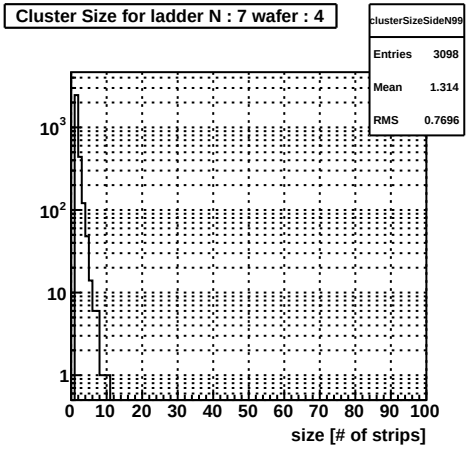

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 3199
Mean 1.141
RMS 0.4997
size [# of strips]

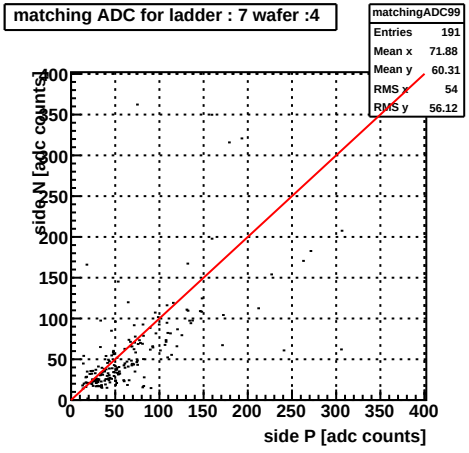

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 778
Mean x 68.95
Mean y 56.25
RMS x 58.61
RMS y 51.37
side N [adc counts]
side P [adc counts]

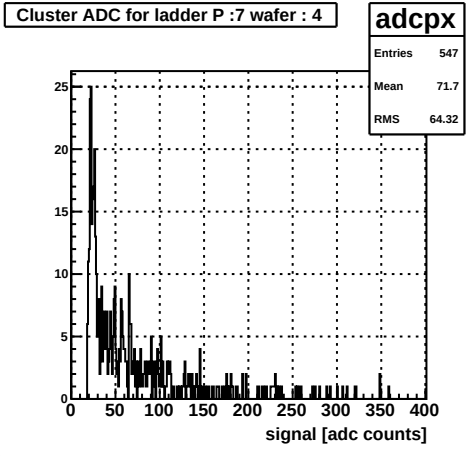

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 2665
Mean 49.37
RMS 55.16
signal [adc counts]

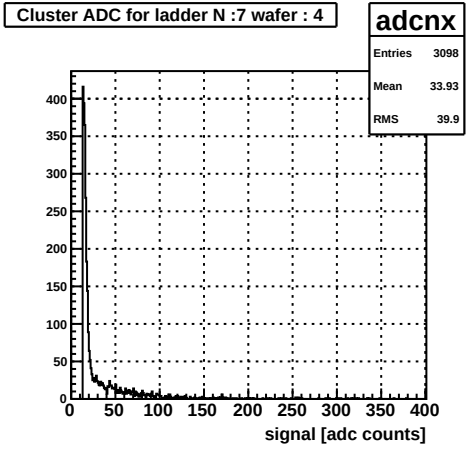

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 3199
Mean 30.21
RMS 36.03
signal [adc counts]

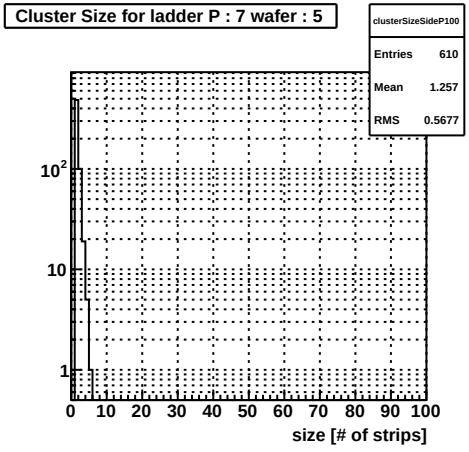

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 547
Mean 1.322
RMS 0.6833
size [# of strips]

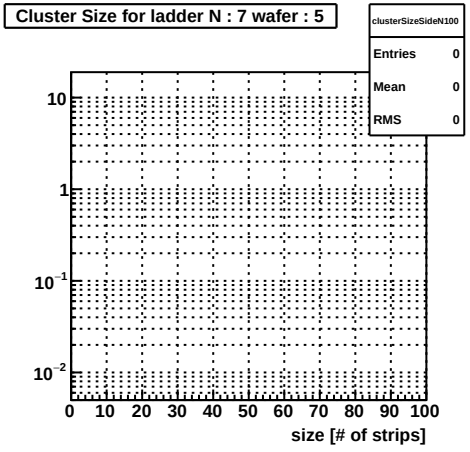

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 3098
Mean 1.314
RMS 0.7696
size [# of strips]

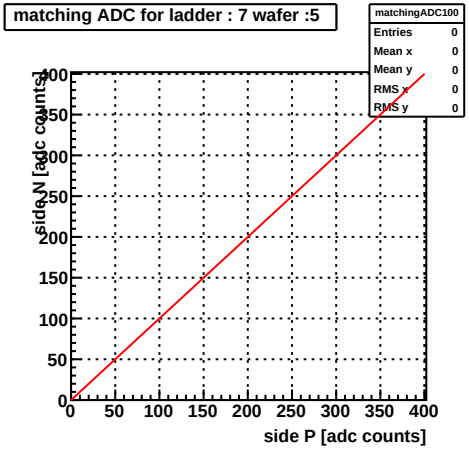

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 191
Mean x 71.88
Mean y 60.31
RMS x 54
RMS y 56.12
side N [adc counts]
side P [adc counts]

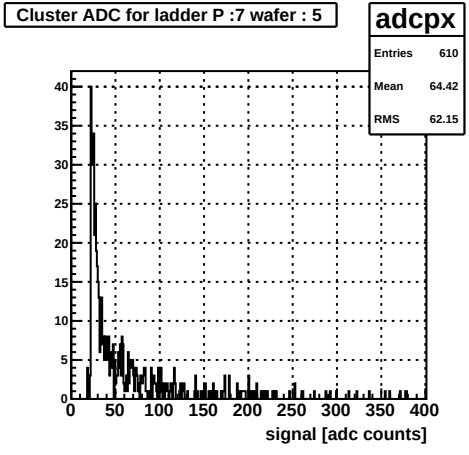

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 547
Mean 71.7
RMS 64.32
signal [adc counts]

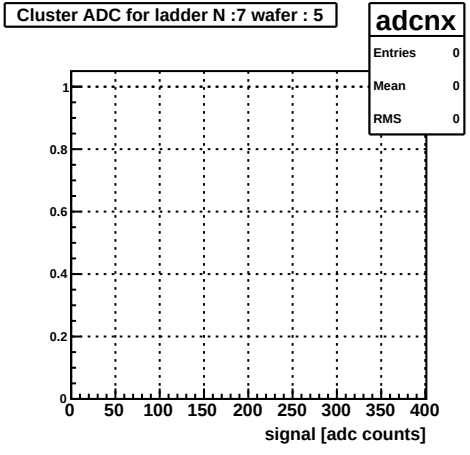

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 3098
Mean 33.93
RMS 39.9
signal [adc counts]

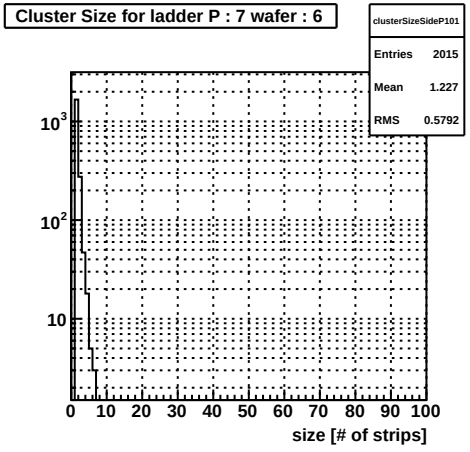

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 610
Mean 1.257
RMS 0.5677
size [# of strips]

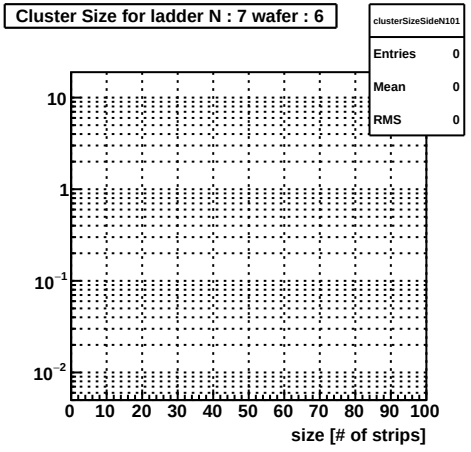

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

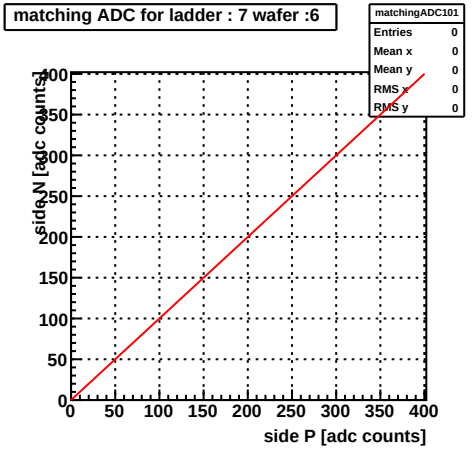

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

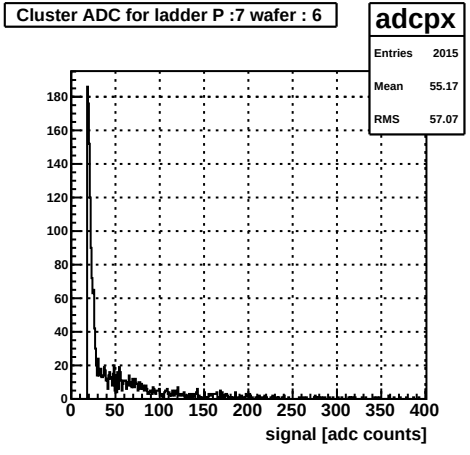

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 610
Mean 64.42
RMS 62.15
signal [adc counts]

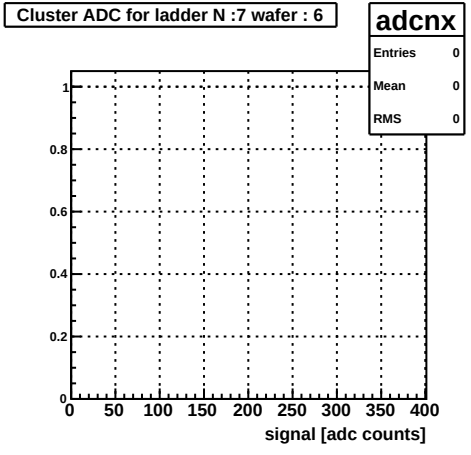

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

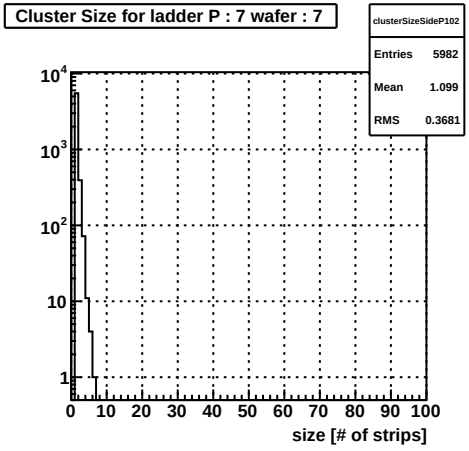

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 2015
Mean 1.227
RMS 0.5792
size [# of strips]

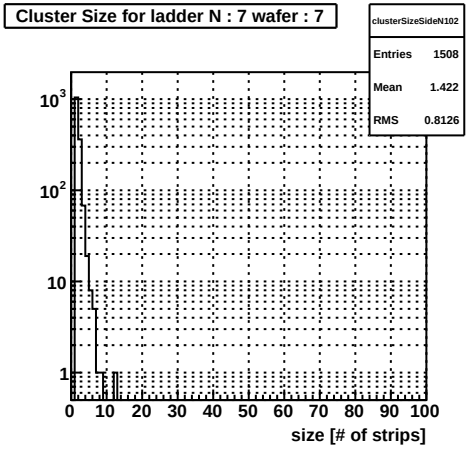

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

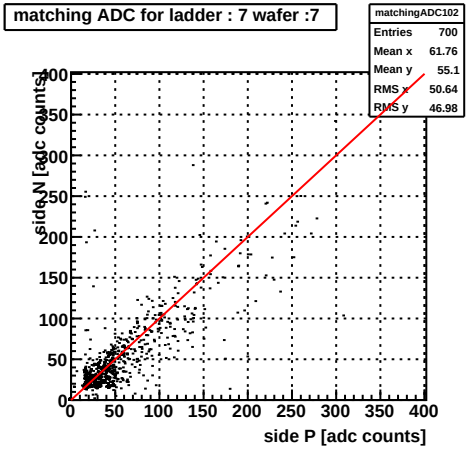

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

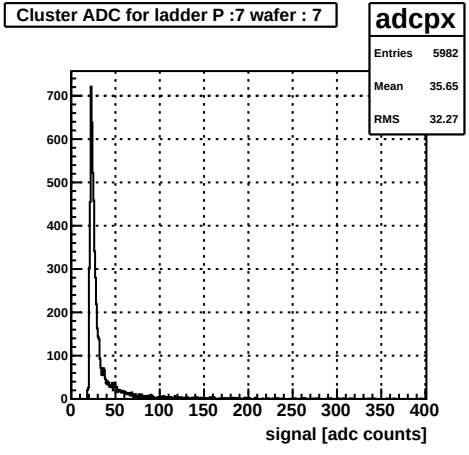

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 2015
Mean 55.17
RMS 57.07
signal [adc counts]

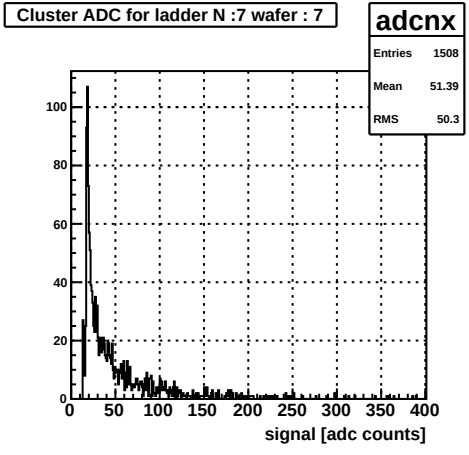

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

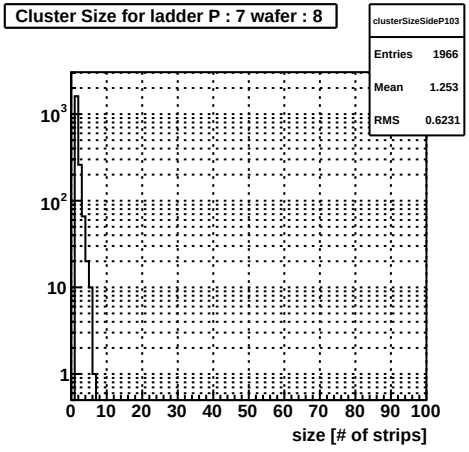

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 5982
Mean 1.099
RMS 0.3681
size [# of strips]

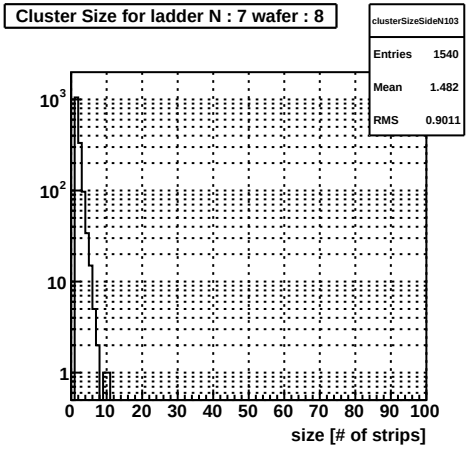

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 1508
Mean 1.422
RMS 0.8126
size [# of strips]

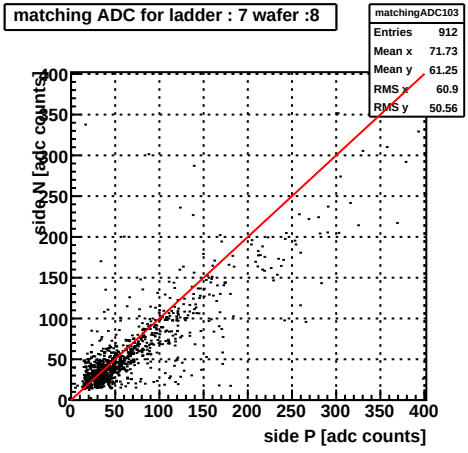

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 700
Mean x 61.76
Mean y 55.1
RMS x 50.64
RMS y 46.98
side N [adc counts]
side P [adc counts]

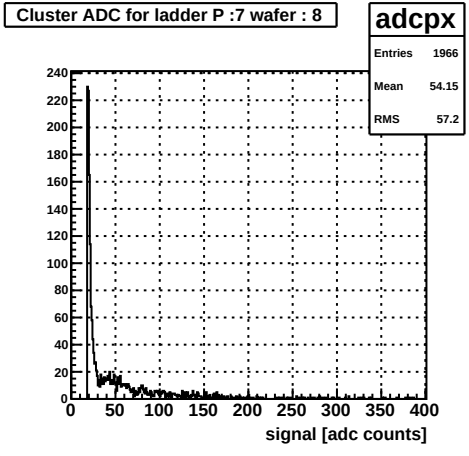

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 5982
Mean 35.65
RMS 32.27
signal [adc counts]

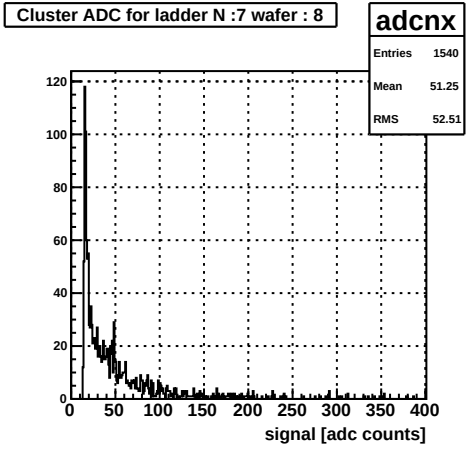

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 1508
Mean 51.39
RMS 50.3
signal [adc counts]

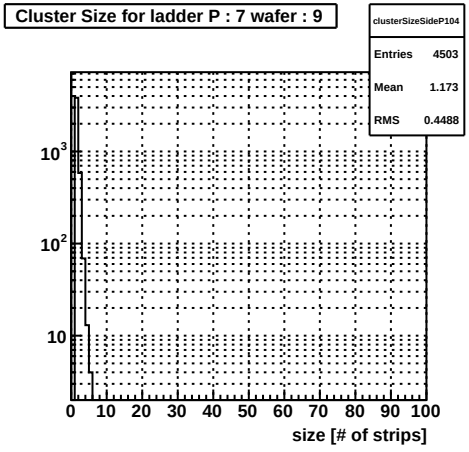

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 1966
Mean 1.253
RMS 0.6231
size [# of strips]

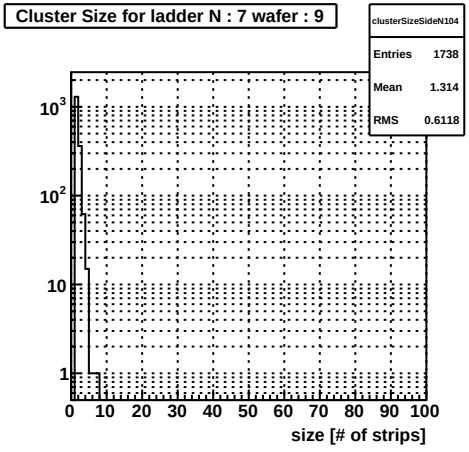

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 1540
Mean 1.482
RMS 0.9011
size [# of strips]

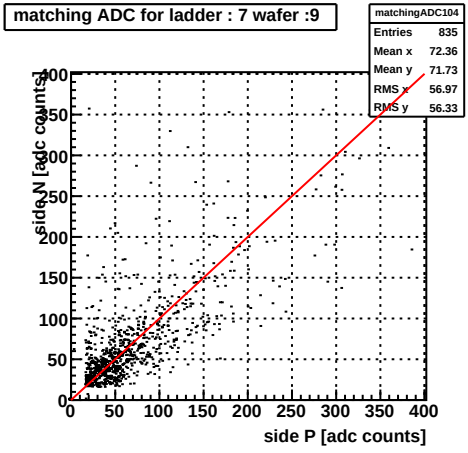

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 912
Mean x 71.73
Mean y 61.25
RMS x 60.9
RMS y 50.56
side N [adc counts]
side P [adc counts]

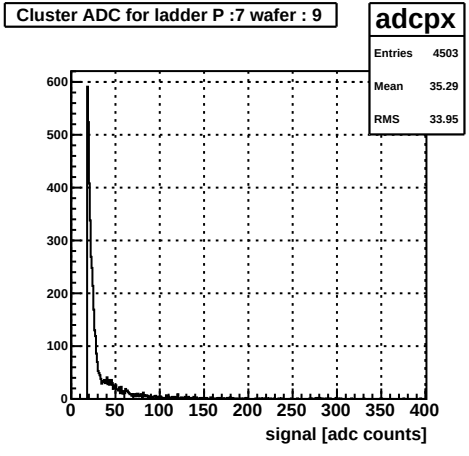

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 1966
Mean 54.15
RMS 57.2
signal [adc counts]

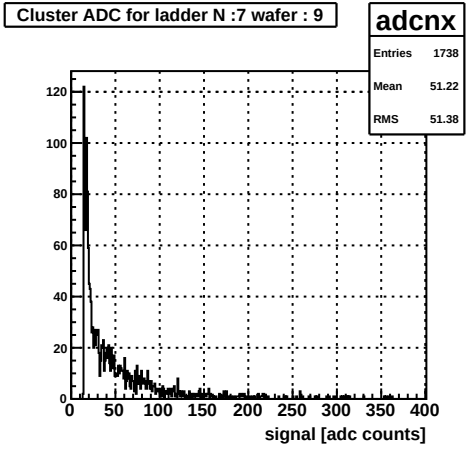

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 1540
Mean 51.25
RMS 52.51
signal [adc counts]

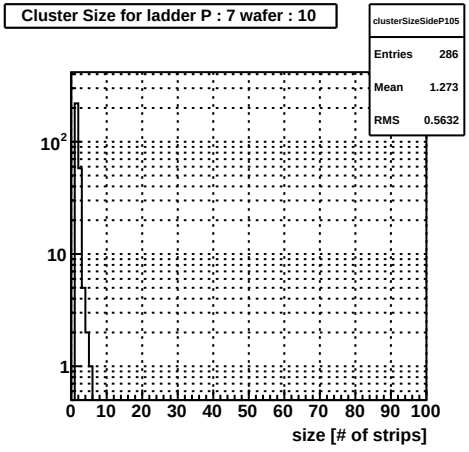

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 4503
Mean 1.173
RMS 0.4488
size [# of strips]

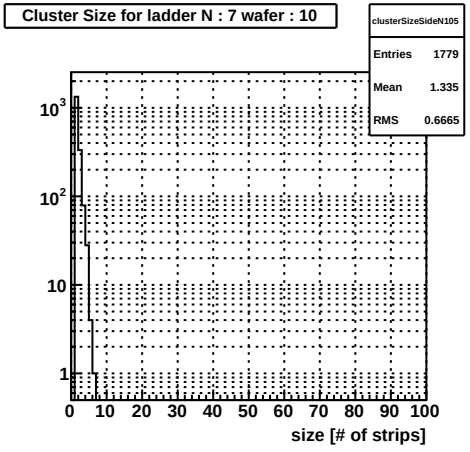

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 1738
Mean 1.314
RMS 0.6118
size [# of strips]

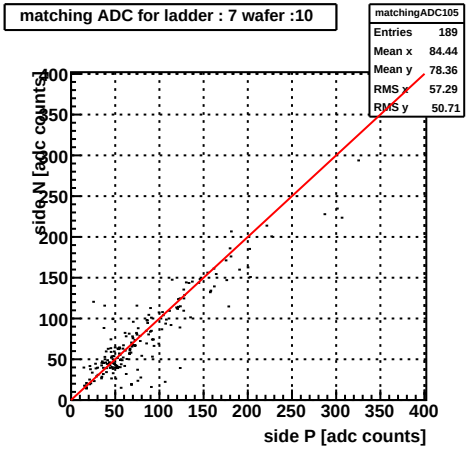

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 835
Mean x 72.36
Mean y 71.73
RMS x 56.97
RMS y 56.33
side N [adc counts]
side P [adc counts]

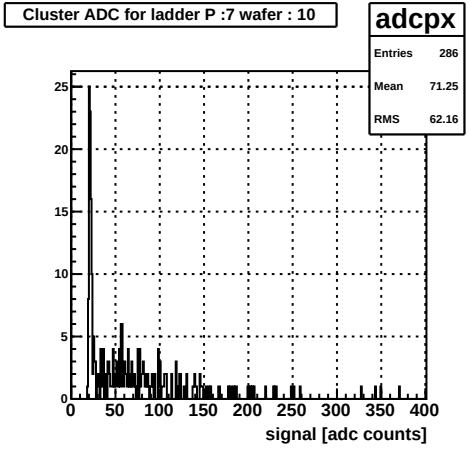

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 4503
Mean 35.29
RMS 33.95
signal [adc counts]

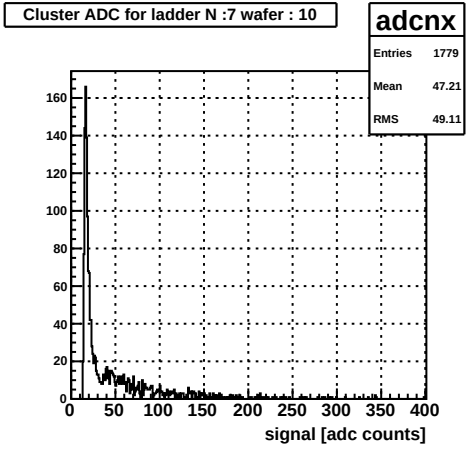

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 1738
Mean 51.22
RMS 51.38
signal [adc counts]

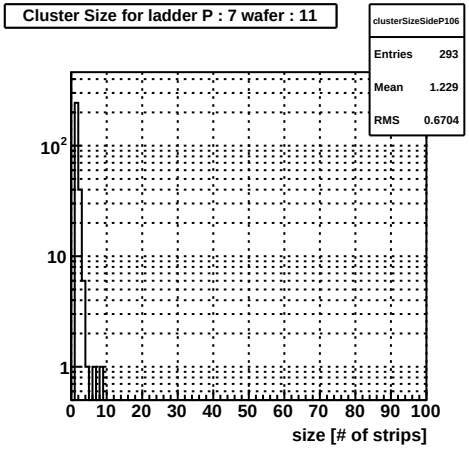

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 286
Mean 1.273
RMS 0.5632
size [# of strips]

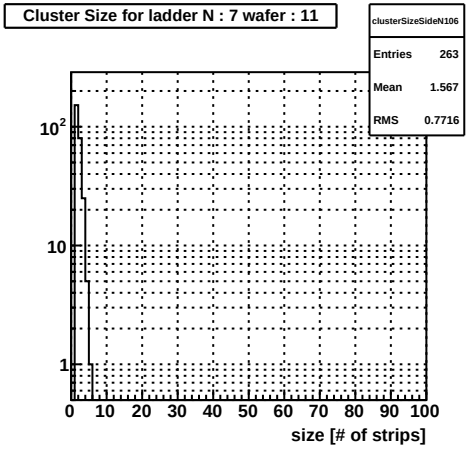

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 1779
Mean 1.335
RMS 0.6665
size [# of strips]

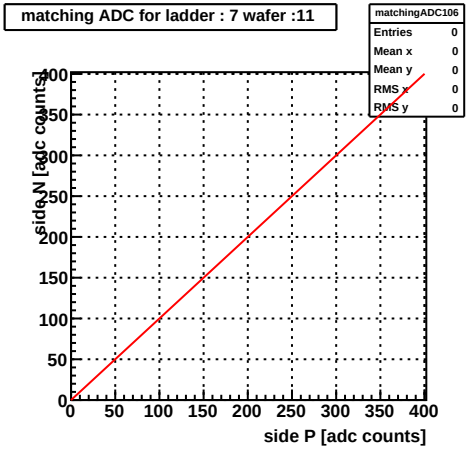

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 189
Mean x 84.44
Mean y 78.36
RMS x 57.29
RMS y 50.71
side N [adc counts]
side P [adc counts]

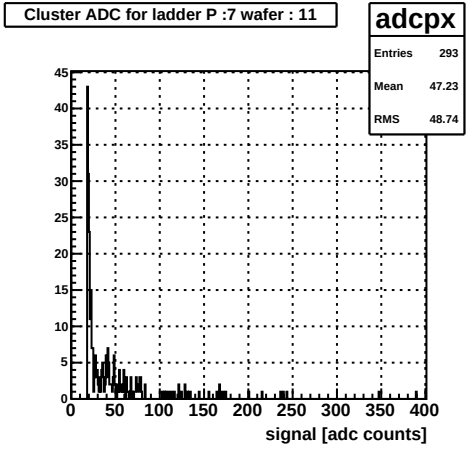

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 286
Mean 71.25
RMS 62.16
signal [adc counts]

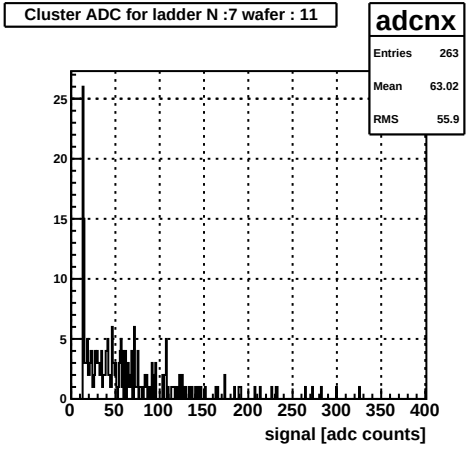

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 1779
Mean 47.21
RMS 49.11
signal [adc counts]

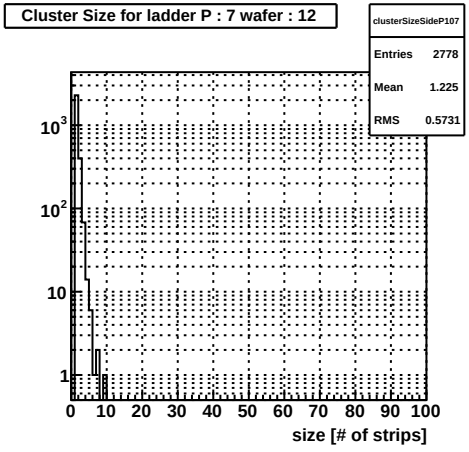

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 293
Mean 1.229
RMS 0.6704
size [# of strips]

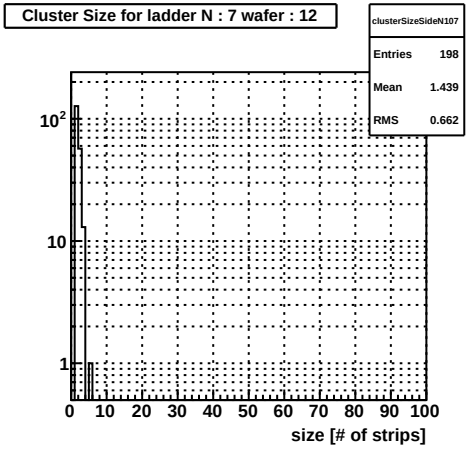

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 263
Mean 1.567
RMS 0.7716
size [# of strips]

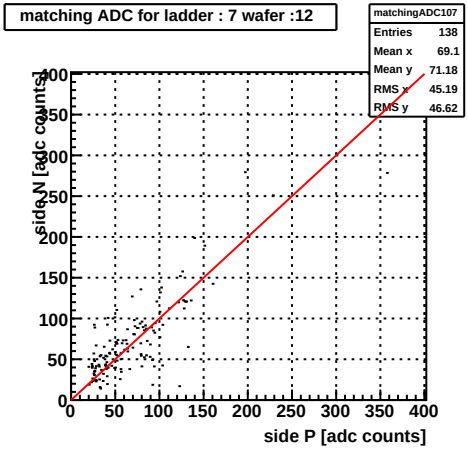

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

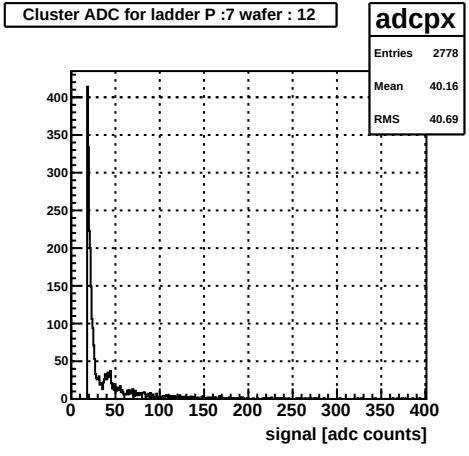

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 293
Mean 47.23
RMS 48.74
signal [adc counts]

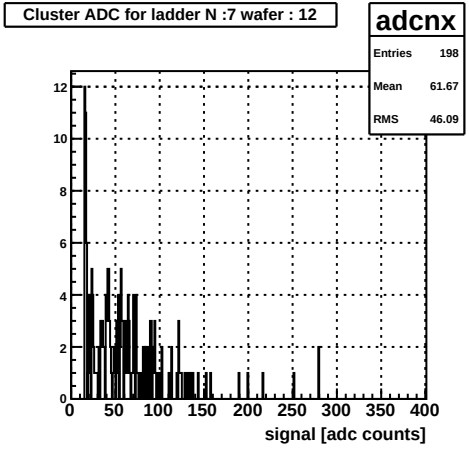

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 263
Mean 63.02
RMS 55.9
signal [adc counts]

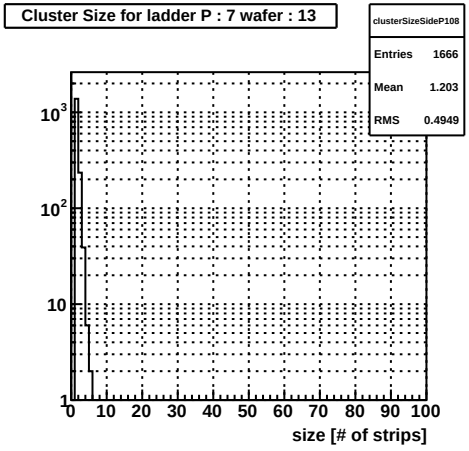

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 2778
Mean 1.225
RMS 0.5731
size [# of strips]

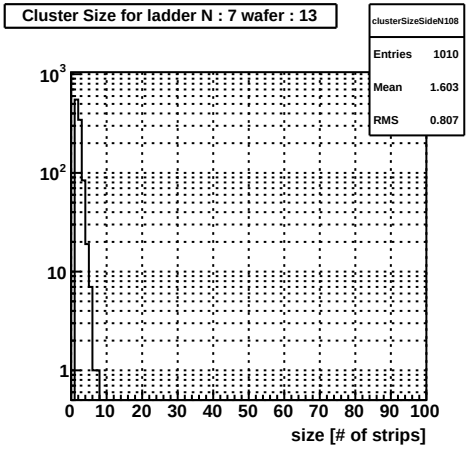

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 198
Mean 1.439
RMS 0.662
size [# of strips]

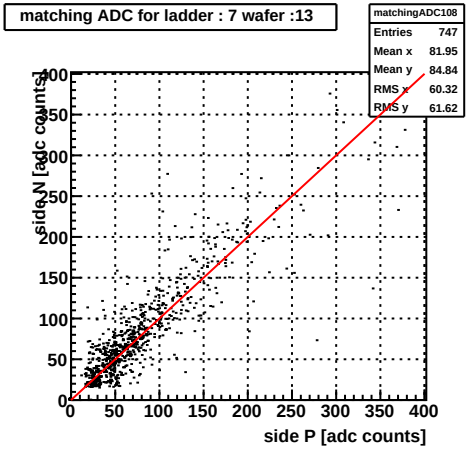

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 138
Mean x 69.1
Mean y 71.18
RMS x 45.19
RMS y 46.62
side N [adc counts]
side P [adc counts]

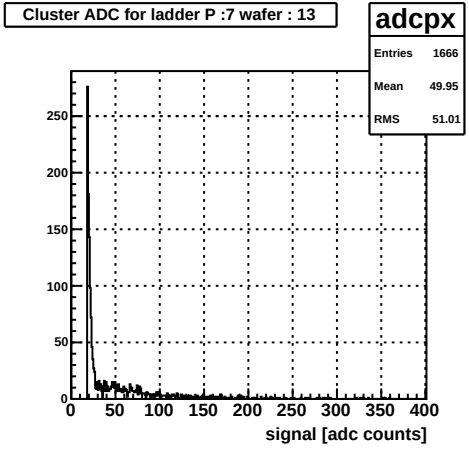

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 2778
Mean 40.16
RMS 40.69
signal [adc counts]

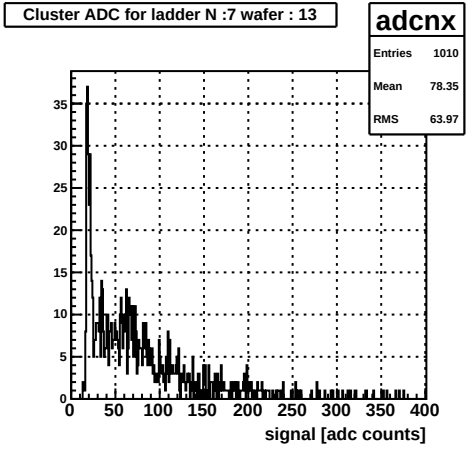

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 198
Mean 61.67
RMS 46.09
signal [adc counts]

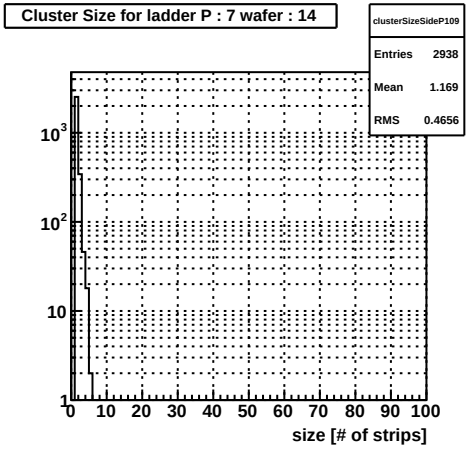

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 1666
Mean 1.203
RMS 0.4949
size [# of strips]

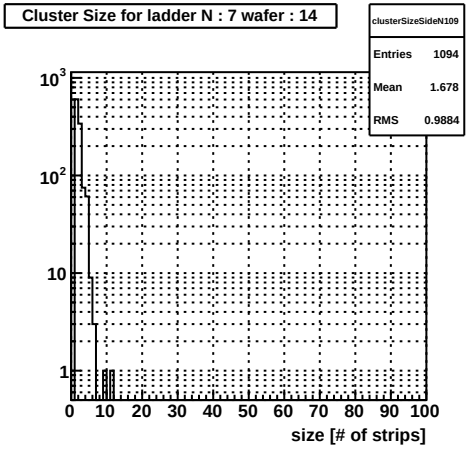

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 1010
Mean 1.603
RMS 0.807
size [# of strips]

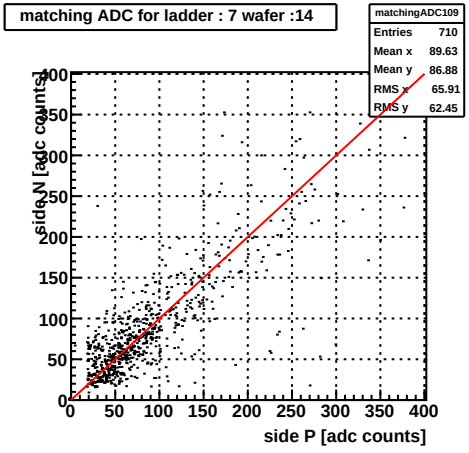

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 747
Mean x 81.95
Mean y 84.84
RMS x 60.32
RMS y 61.62
side N [adc counts]
side P [adc counts]

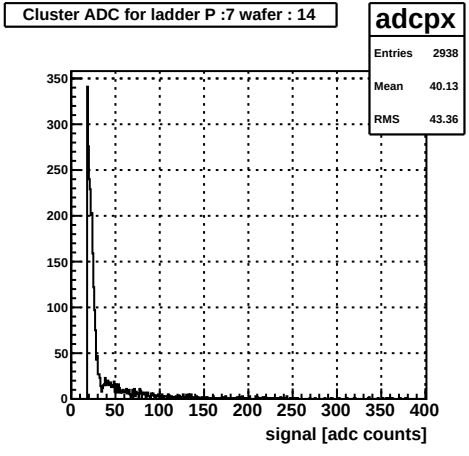

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 1666
Mean 49.95
RMS 51.01
signal [adc counts]

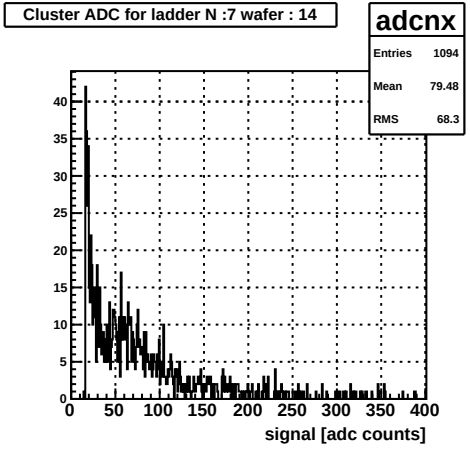

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 1010
Mean 78.35
RMS 63.97
signal [adc counts]

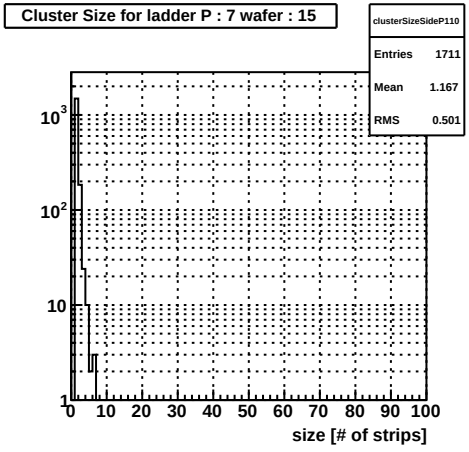

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 2938
Mean 1.169
RMS 0.4656
size [# of strips]

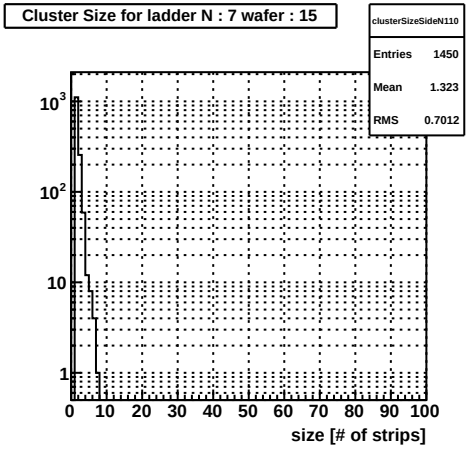

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 1094
Mean 1.678
RMS 0.9884
size [# of strips]

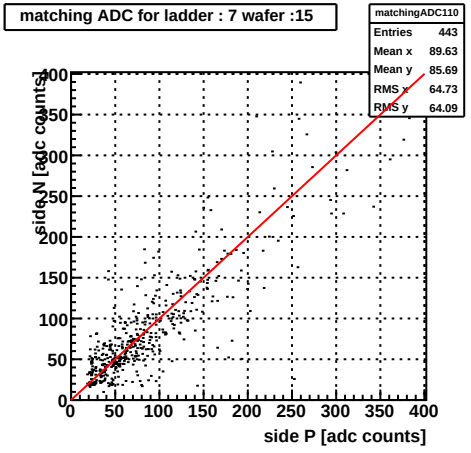

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 710
Mean x 89.63
Mean y 86.88
RMS x 65.91
RMS y 62.45
side N [adc counts]
side P [adc counts]

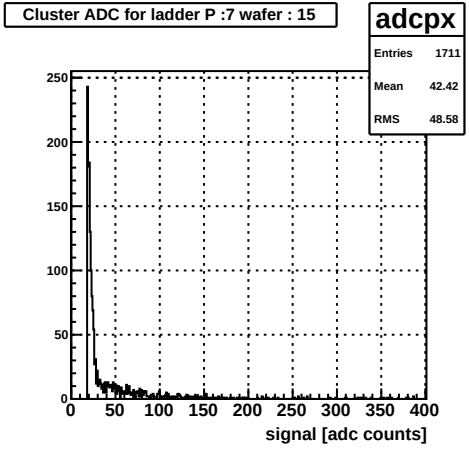

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 2938
Mean 40.13
RMS 43.36
signal [adc counts]

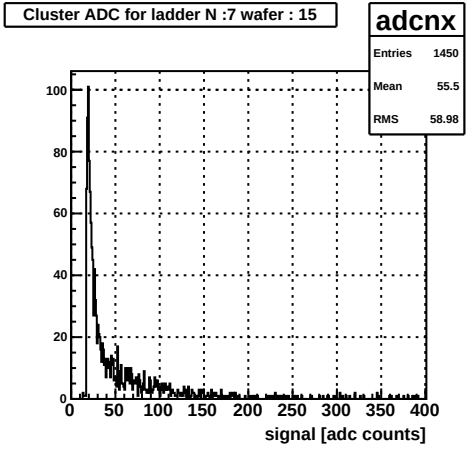

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 1094
Mean 79.48
RMS 68.3
signal [adc counts]

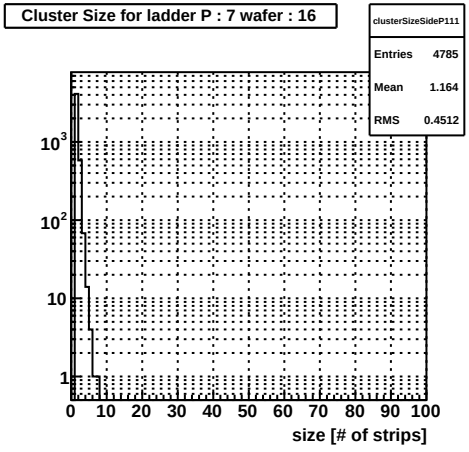

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 1711
Mean 1.167
RMS 0.501
size [# of strips]

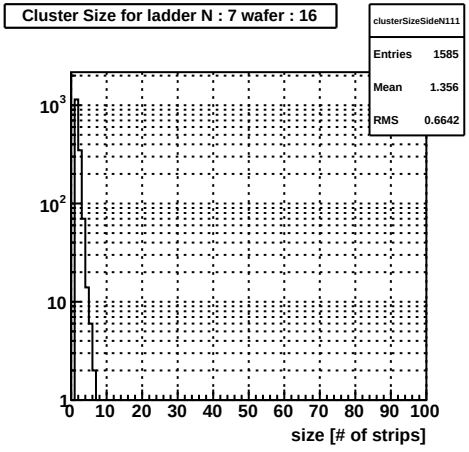

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 1450
Mean 1.323
RMS 0.7012
size [# of strips]

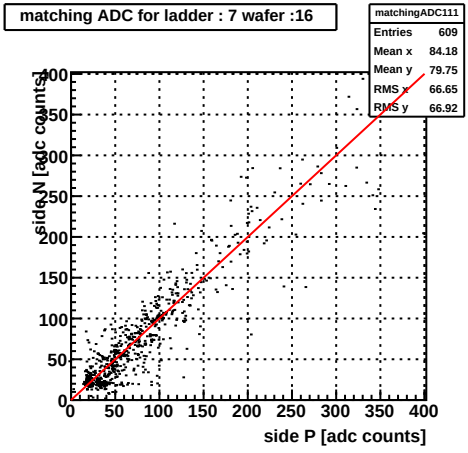

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 443
Mean x 89.63
Mean y 85.69
RMS x 64.73
RMS y 64.09
side N [adc counts]
side P [adc counts]

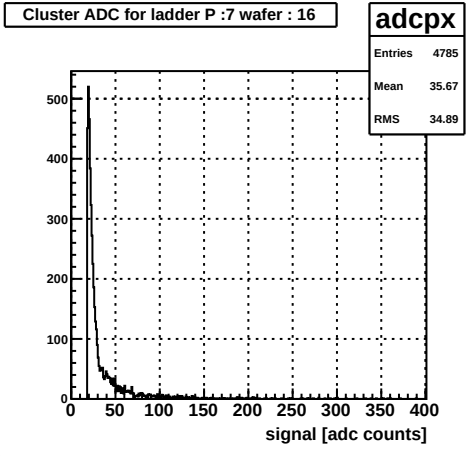

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 1711
Mean 42.42
RMS 48.58
signal [adc counts]

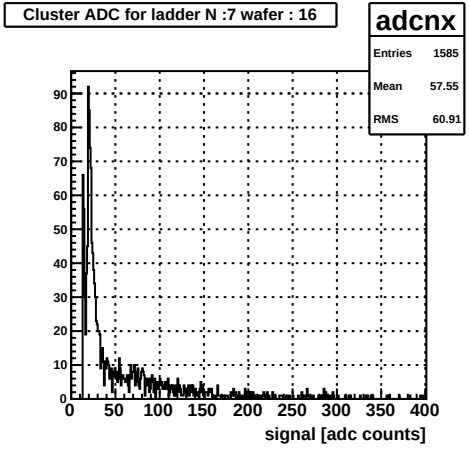

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 1450
Mean 55.5
RMS 58.98
signal [adc counts]

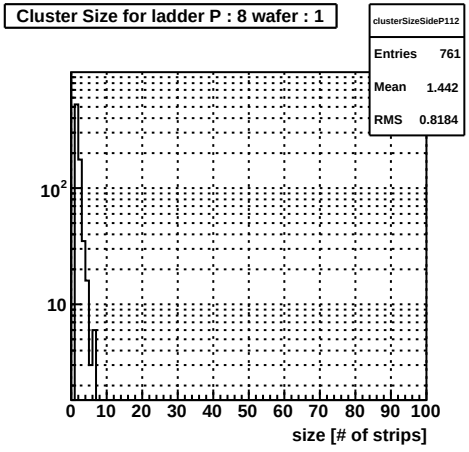

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 4785
Mean 1.164
RMS 0.4512
size [# of strips]

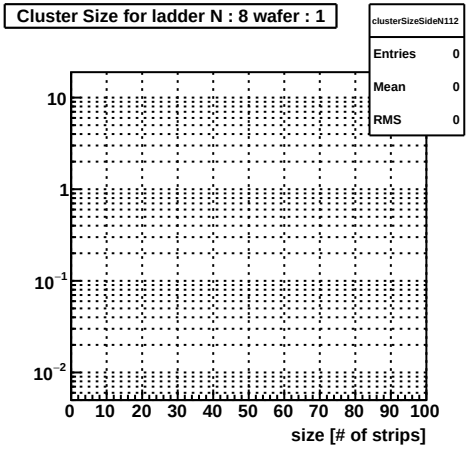

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 1585
Mean 1.356
RMS 0.6642
size [# of strips]

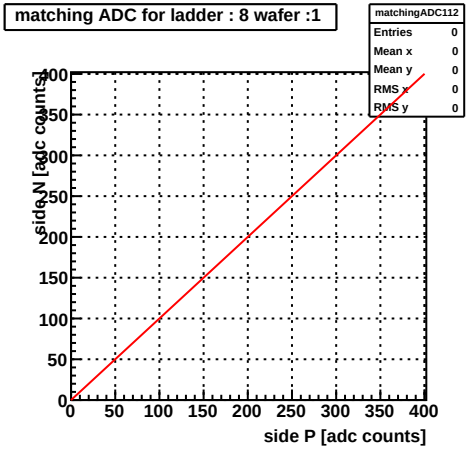

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 609
Mean x 84.18
Mean y 79.75
RMS x 66.65
RMS y 66.92
side N [adc counts]
side P [adc counts]

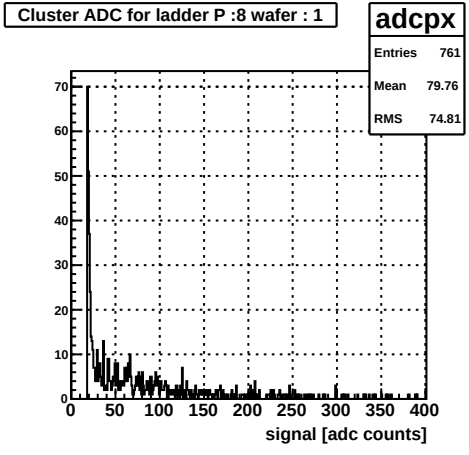

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 4785
Mean 35.67
RMS 34.89
signal [adc counts]

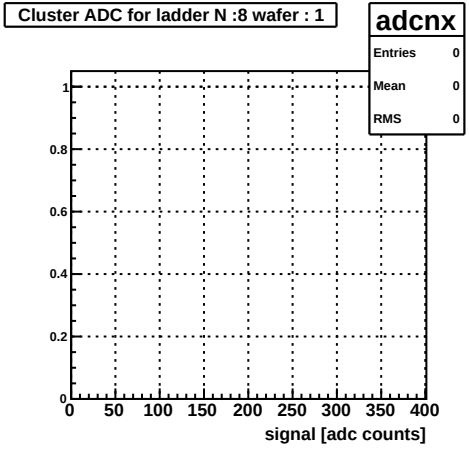

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 1585
Mean 57.55
RMS 60.91
signal [adc counts]

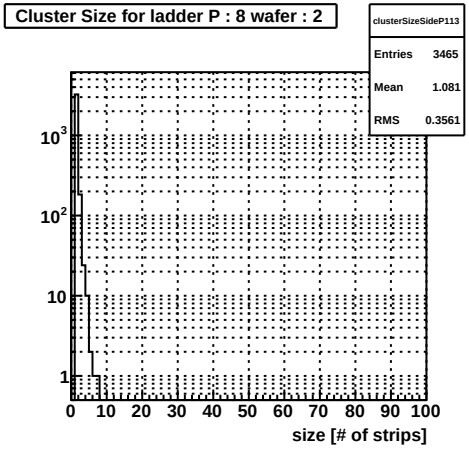

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 761
Mean 1.442
RMS 0.8184
size [# of strips]

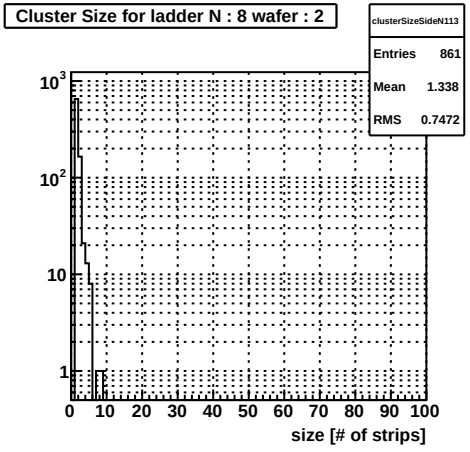

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

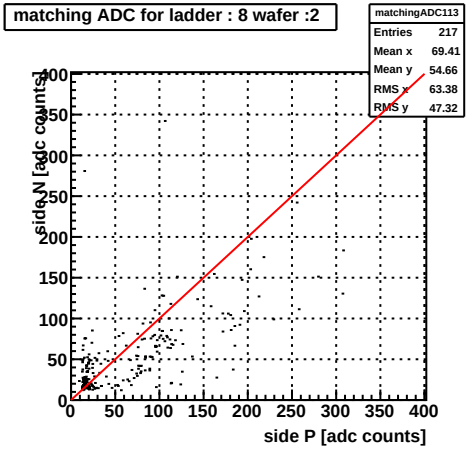

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

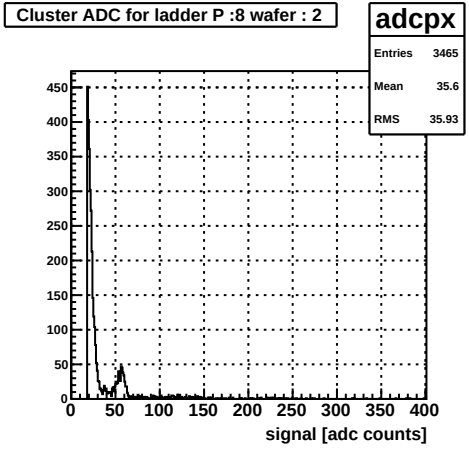

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 761
Mean 79.76
RMS 74.81
signal [adc counts]

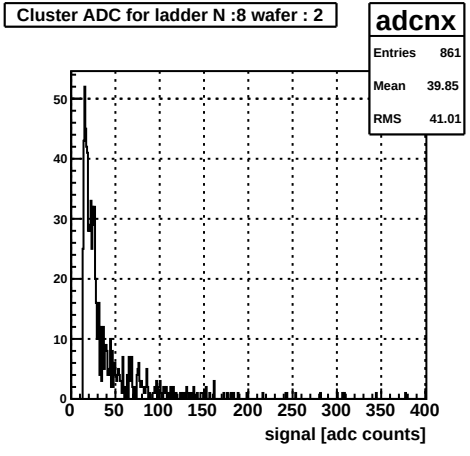

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

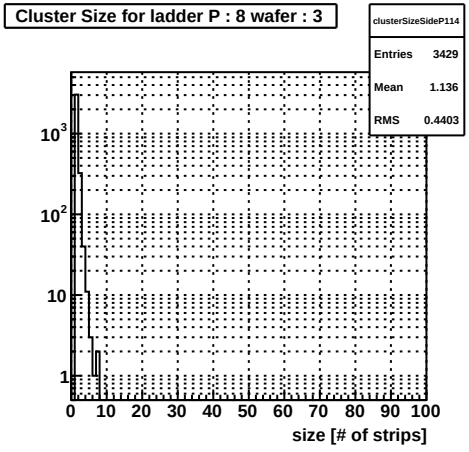

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 3465
Mean 1.081
RMS 0.3561
size [# of strips]

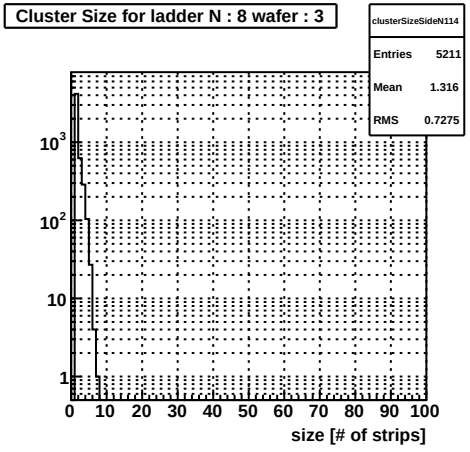

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 861
Mean 1.338
RMS 0.7472
size [# of strips]

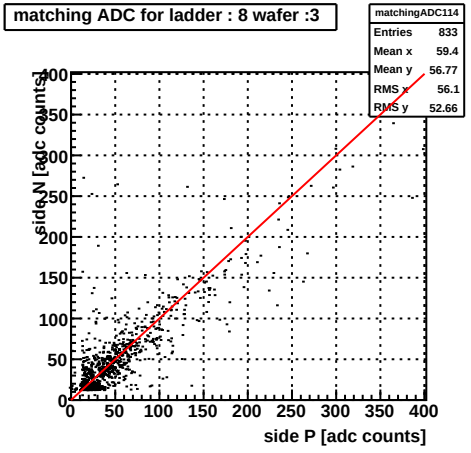

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 217
Mean x 69.41
Mean y 54.66
RMS x 63.38
RMS y 47.32
side N [adc counts]
side P [adc counts]

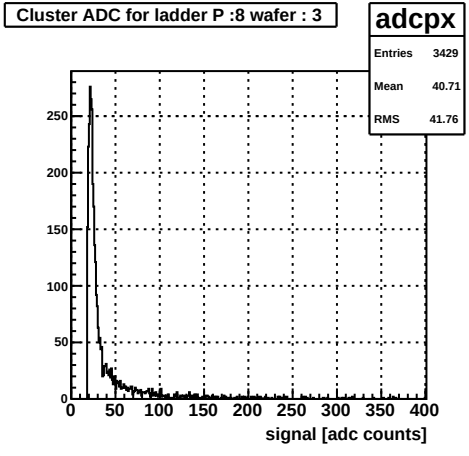

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 3465
Mean 35.6
RMS 35.93
signal [adc counts]

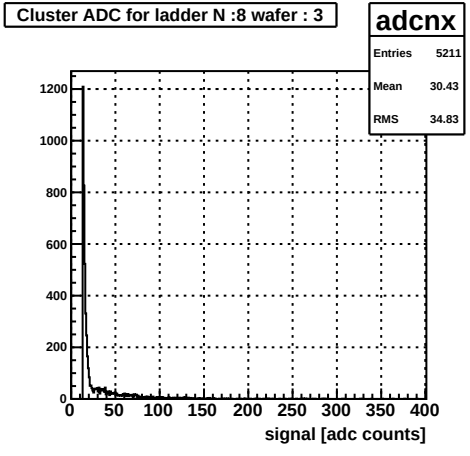

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 861
Mean 39.85
RMS 41.01
signal [adc counts]

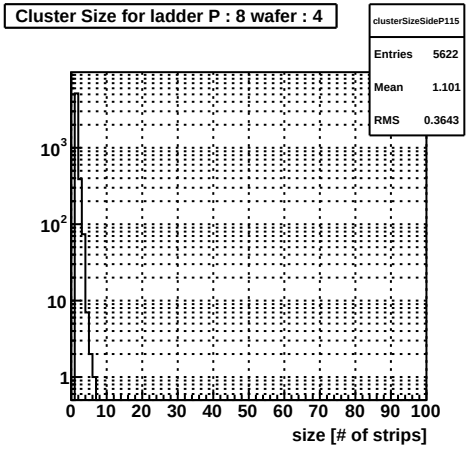

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 3429
Mean 1.136
RMS 0.4403
size [# of strips]

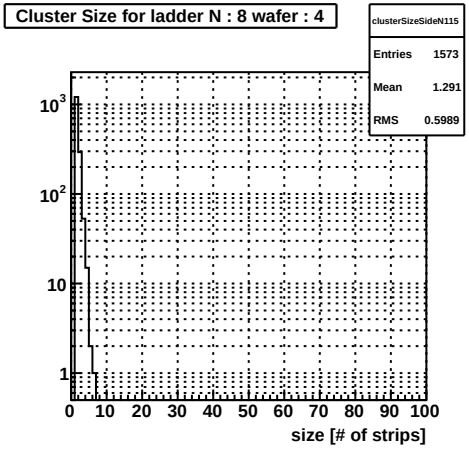

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 5211
Mean 1.316
RMS 0.7275
size [# of strips]

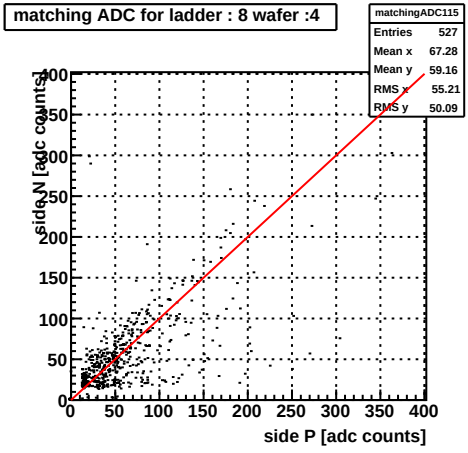

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 833
Mean x 59.4
Mean y 56.77
RMS x 56.1
RMS y 52.66
side N [adc counts]
side P [adc counts]

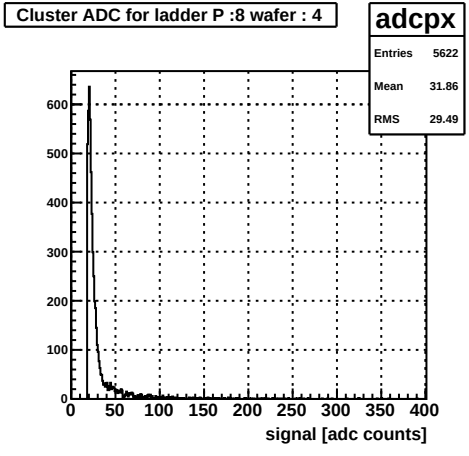

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 3429
Mean 40.71
RMS 41.76
signal [adc counts]

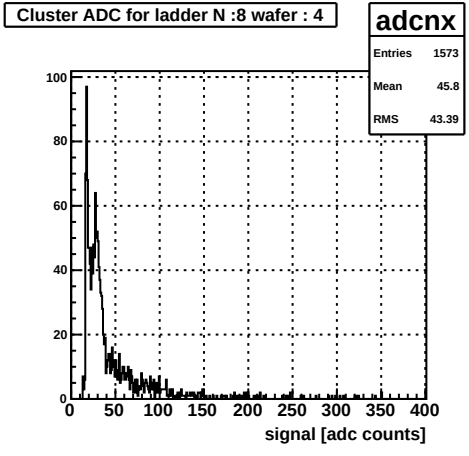

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 5211
Mean 30.43
RMS 34.83
signal [adc counts]

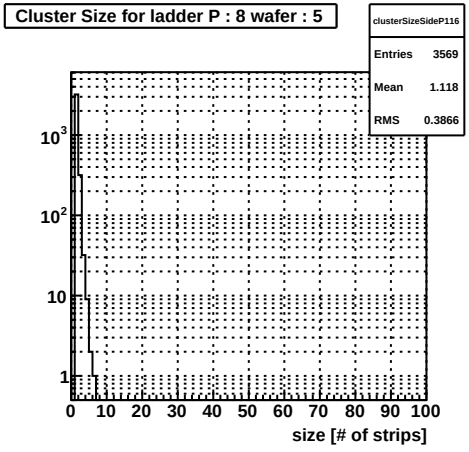

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 5622
Mean 1.101
RMS 0.3643
size [# of strips]

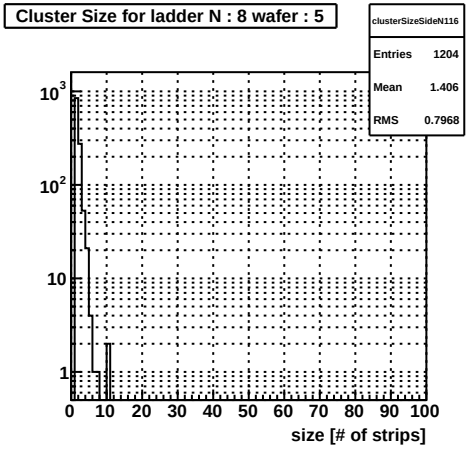

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 1573
Mean 1.291
RMS 0.5989
size [# of strips]

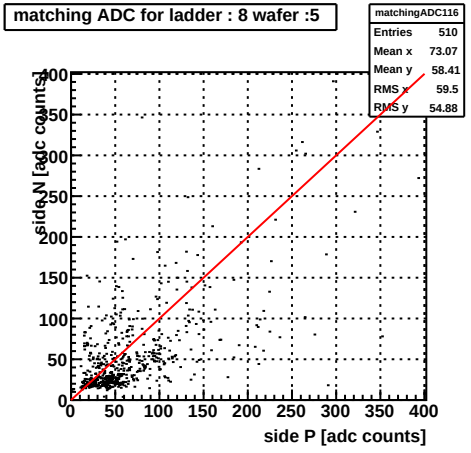

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 527
Mean x 67.28
Mean y 59.16
RMS x 55.21
RMS y 50.09
side N [adc counts]
side P [adc counts]

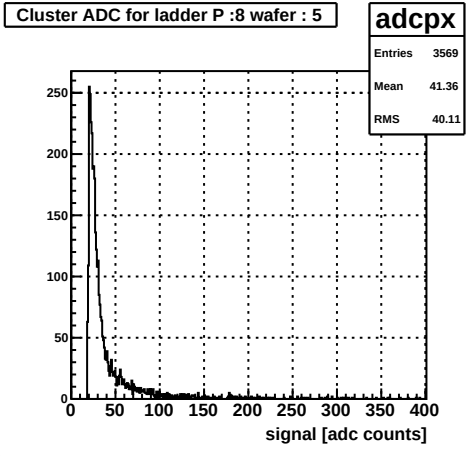

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 5622
Mean 31.86
RMS 29.49
signal [adc counts]

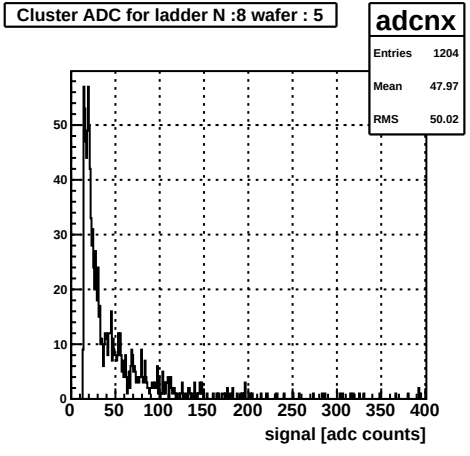

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 1573
Mean 45.8
RMS 43.39
signal [adc counts]

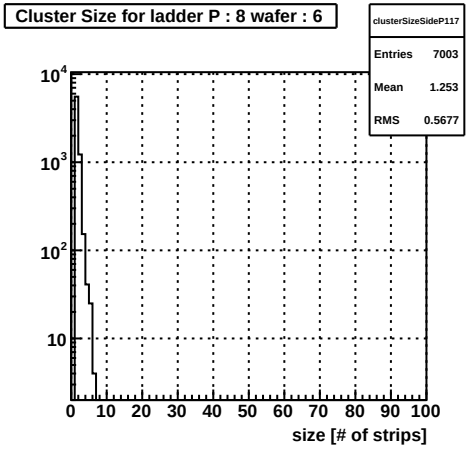

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 3569
Mean 1.118
RMS 0.3866
size [# of strips]

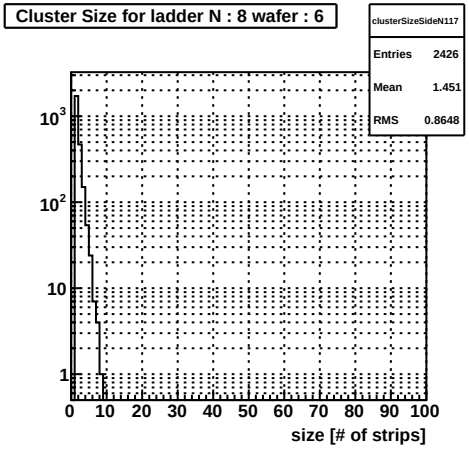

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 1204
Mean 1.406
RMS 0.7968
size [# of strips]

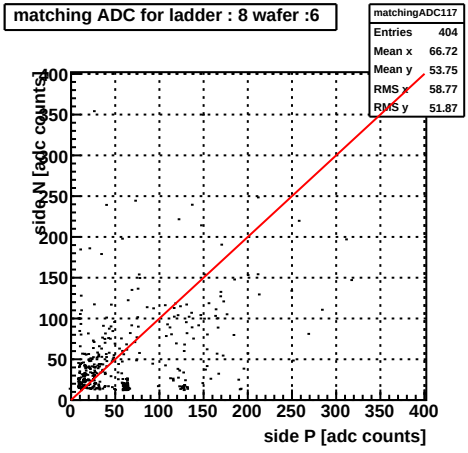

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 510
Mean x 73.07
Mean y 58.41
RMS x 59.5
RMS y 54.88
side N [adc counts]
side P [adc counts]

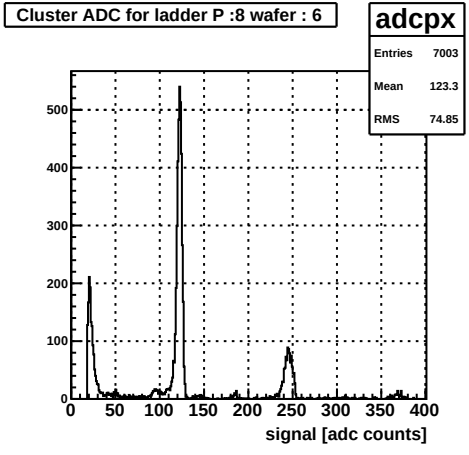

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 3569
Mean 41.36
RMS 40.11
signal [adc counts]

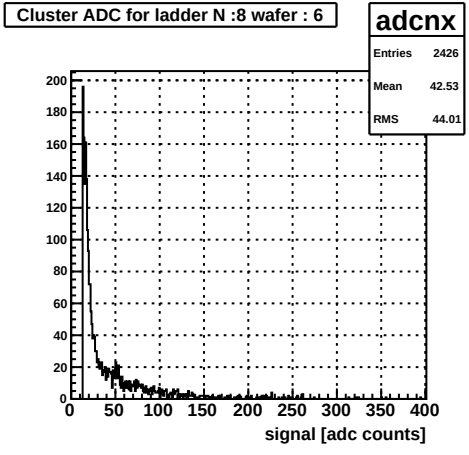

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 1204
Mean 47.97
RMS 50.02
signal [adc counts]

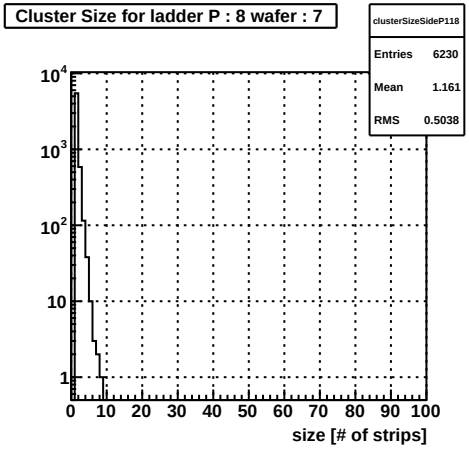

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 7003
Mean 1.253
RMS 0.5677
size [# of strips]

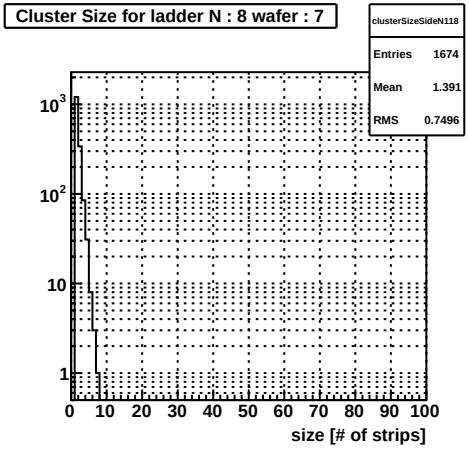

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 2426
Mean 1.451
RMS 0.8648
size [# of strips]

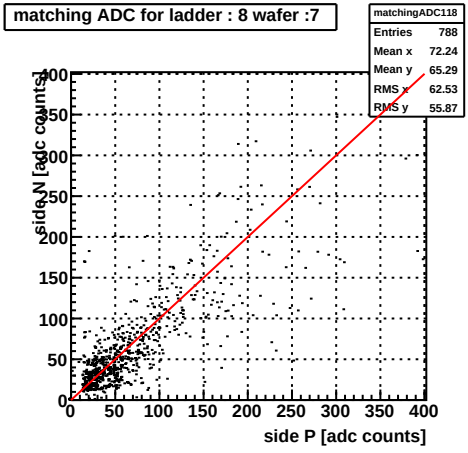

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 404
Mean x 66.72
Mean y 53.75
RMS x 58.77
RMS y 51.87
side N [adc counts]
side P [adc counts]

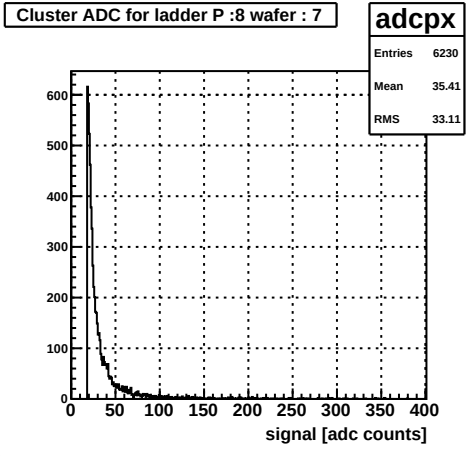

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 7003
Mean 123.3
RMS 74.85
signal [adc counts]

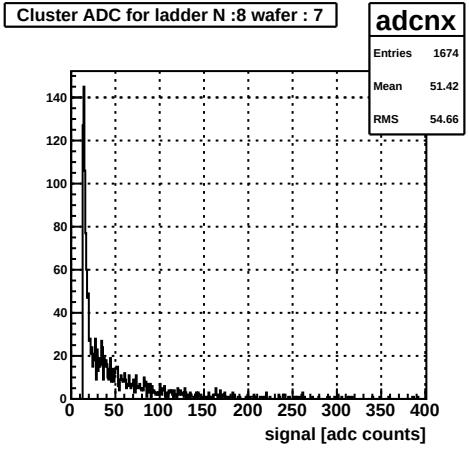

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 2426
Mean 42.53
RMS 44.01
signal [adc counts]

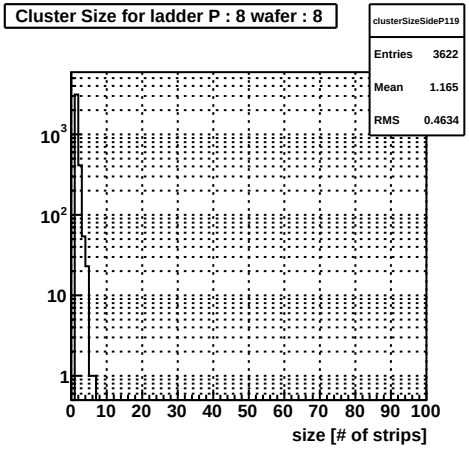

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 6230
Mean 1.161
RMS 0.5038
size [# of strips]

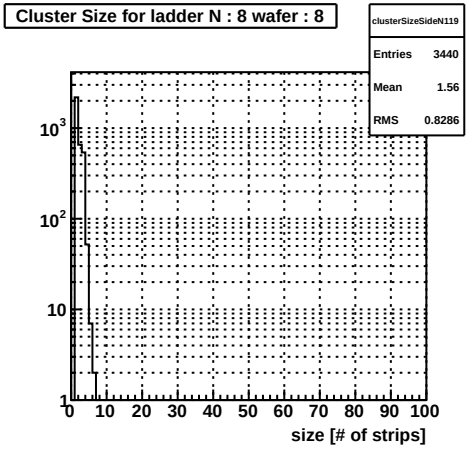

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 1674
Mean 1.391
RMS 0.7496
size [# of strips]

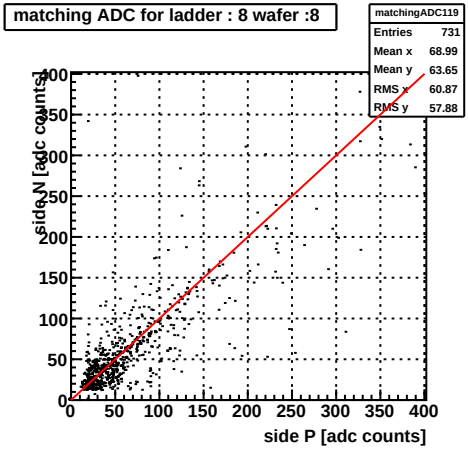

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 788
Mean x 72.24
Mean y 65.29
RMS x 62.53
RMS y 55.87
side N [adc counts]
side P [adc counts]

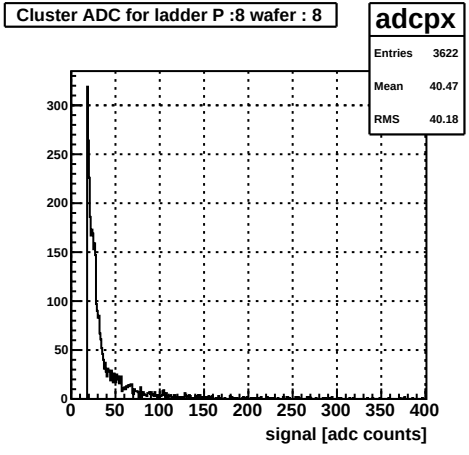

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 6230
Mean 35.41
RMS 33.11
signal [adc counts]

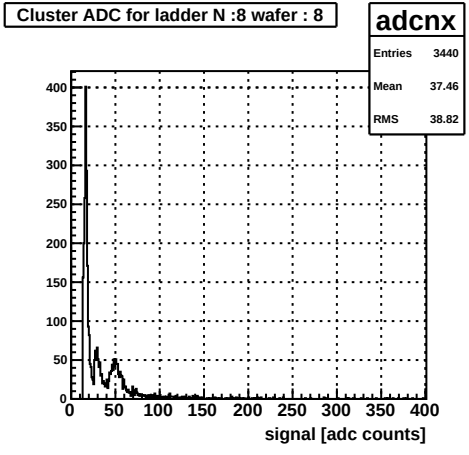

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 1674
Mean 51.42
RMS 54.66
signal [adc counts]

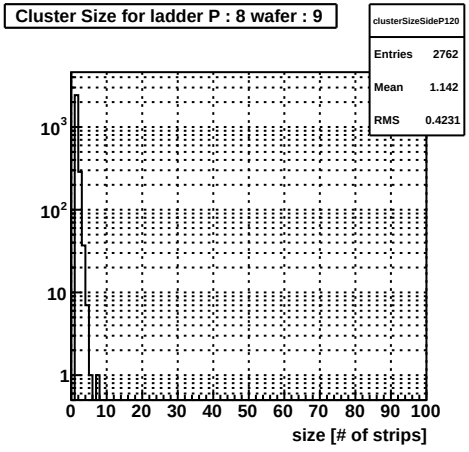

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 3622
Mean 1.165
RMS 0.4634
size [# of strips]

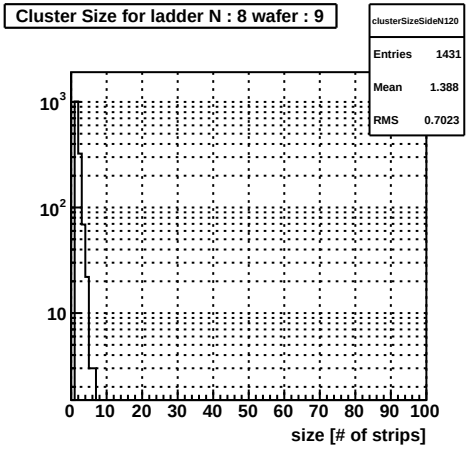

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 3440
Mean 1.56
RMS 0.8286
size [# of strips]

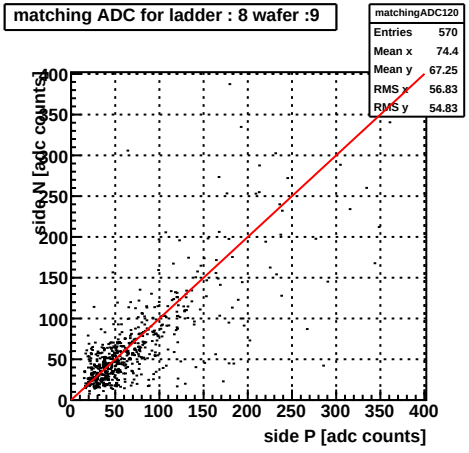

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 731
Mean x 68.99
Mean y 63.65
RMS x 60.87
RMS y 57.88
side N [adc counts]
side P [adc counts]

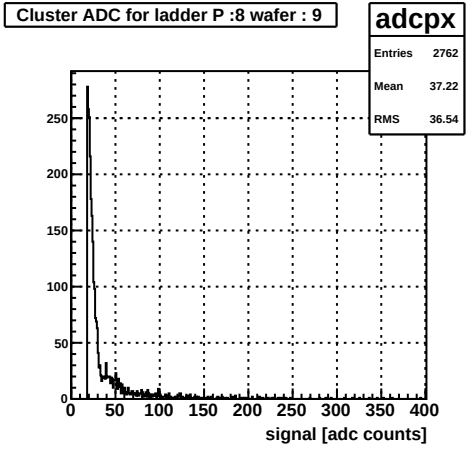

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 3622
Mean 40.47
RMS 40.18
signal [adc counts]

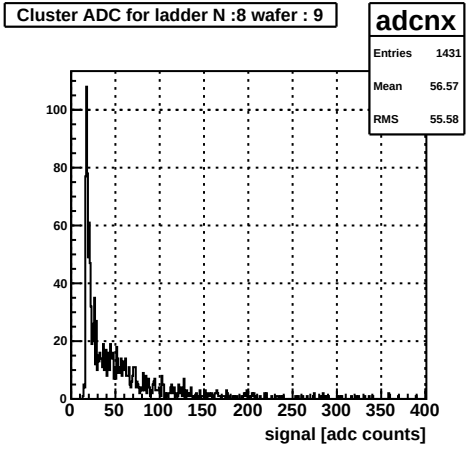

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 3440
Mean 37.46
RMS 38.82
signal [adc counts]

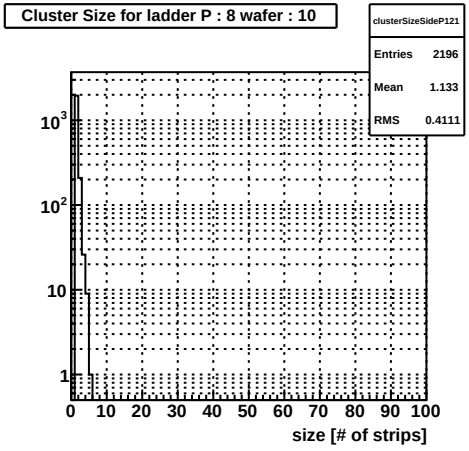

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 2762
Mean 1.142
RMS 0.4231
size [# of strips]

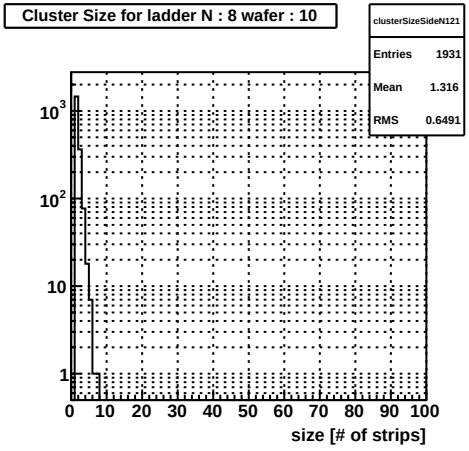

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 1431
Mean 1.388
RMS 0.7023
size [# of strips]

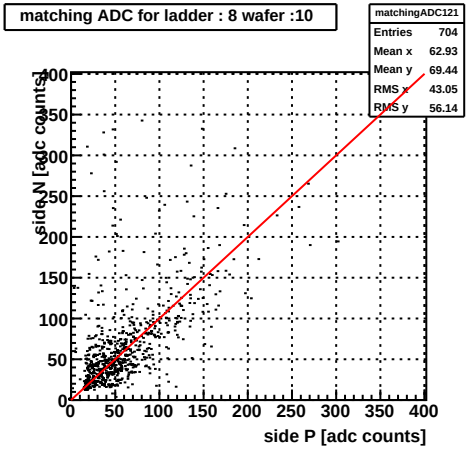

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 570
Mean x 74.4
Mean y 67.25
RMS x 56.83
RMS y 54.83
side N [adc counts]
side P [adc counts]

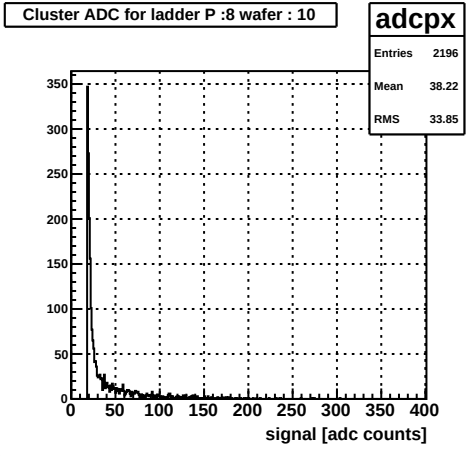

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 2762
Mean 37.22
RMS 36.54
signal [adc counts]

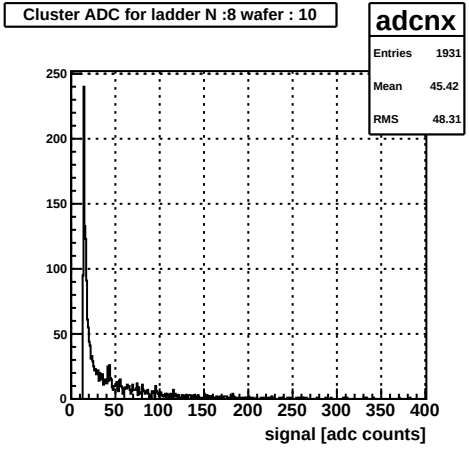

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 1431
Mean 56.57
RMS 55.58
signal [adc counts]

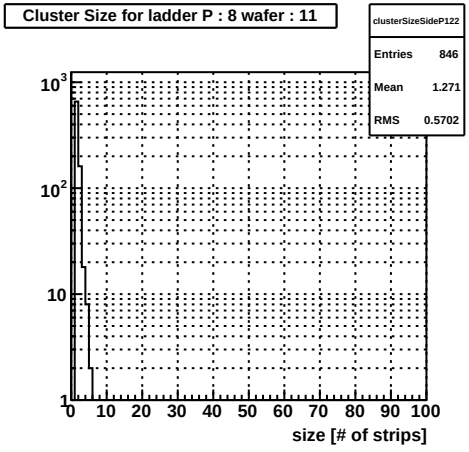

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 2196
Mean 1.133
RMS 0.4111
size [# of strips]

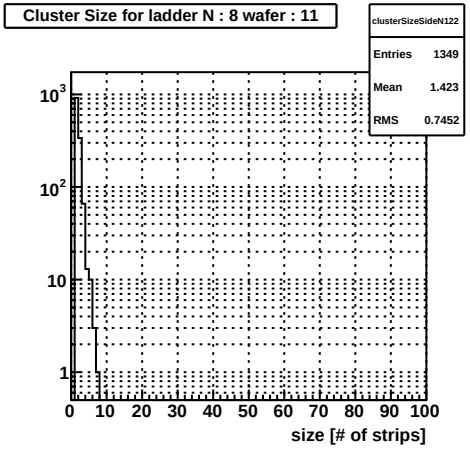

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 1931
Mean 1.316
RMS 0.6491
size [# of strips]

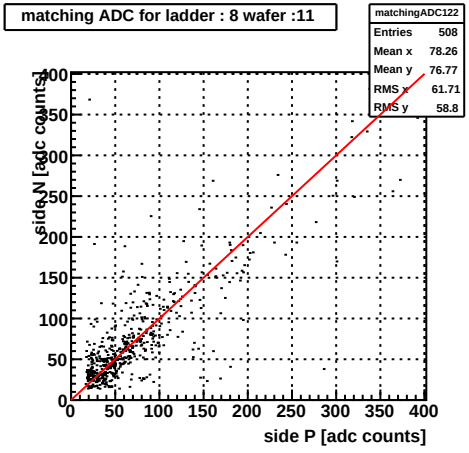

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 704
Mean x 62.93
Mean y 69.44
RMS x 43.05
RMS y 56.14
side N [adc counts]
side P [adc counts]

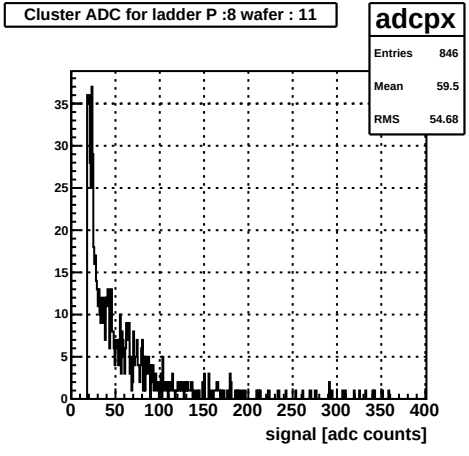

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 2196
Mean 38.22
RMS 33.85
signal [adc counts]

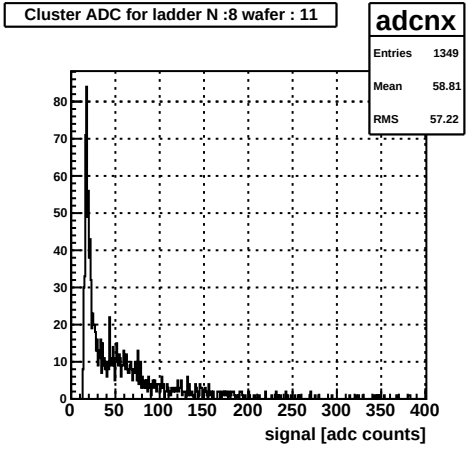

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 1931
Mean 45.42
RMS 48.31
signal [adc counts]

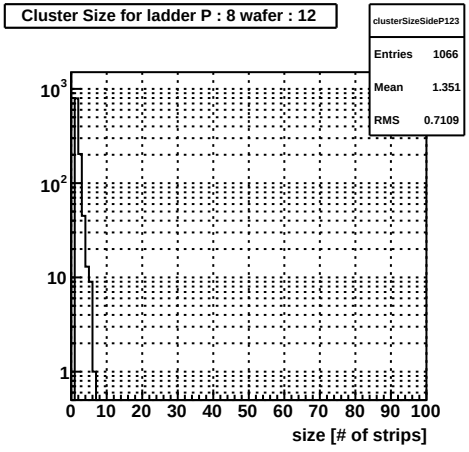

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 846
Mean 1.271
RMS 0.5702
size [# of strips]

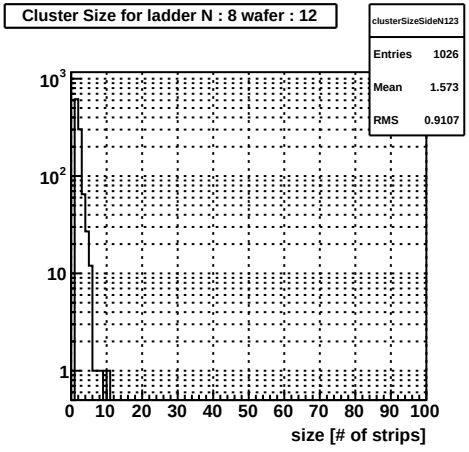

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 1349
Mean 1.423
RMS 0.7452
size [# of strips]

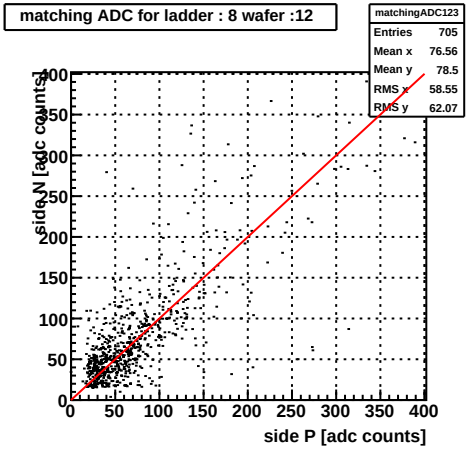

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 508
Mean x 78.26
Mean y 76.77
RMS x 61.71
RMS y 58.8
side N [adc counts]
side P [adc counts]

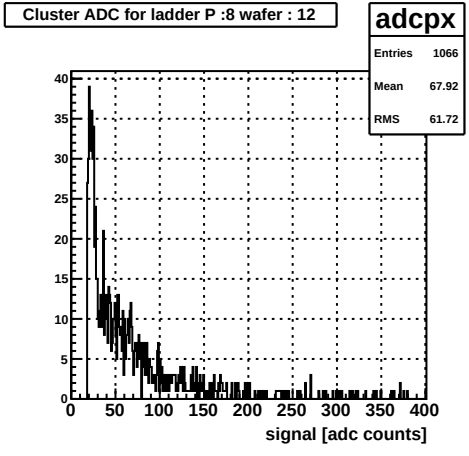

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 846
Mean 59.5
RMS 54.68
signal [adc counts]

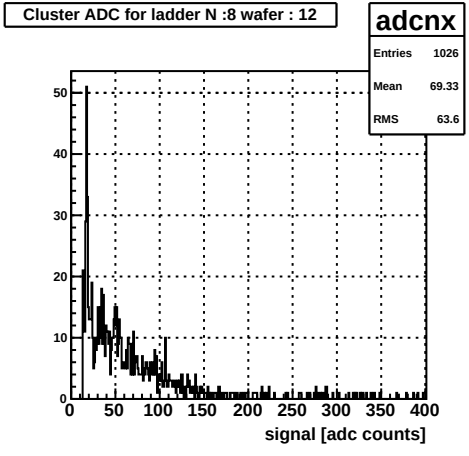

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 1349
Mean 58.81
RMS 57.22
signal [adc counts]

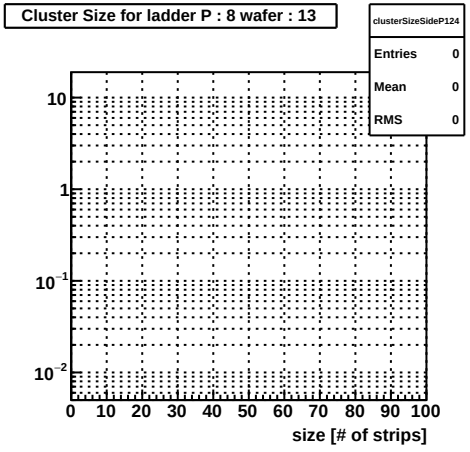

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 1066
Mean 1.351
RMS 0.7109
size [# of strips]

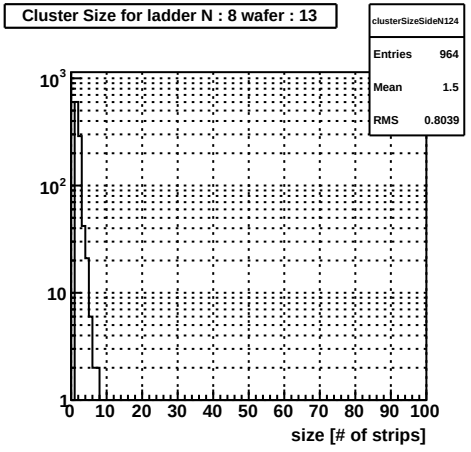

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 1026
Mean 1.573
RMS 0.9107
size [# of strips]

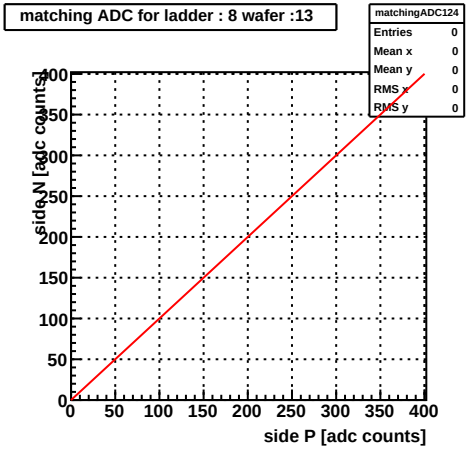

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 705
Mean x 76.56
Mean y 78.5
RMS x 58.55
RMS y 62.07
side N [adc counts]
side P [adc counts]

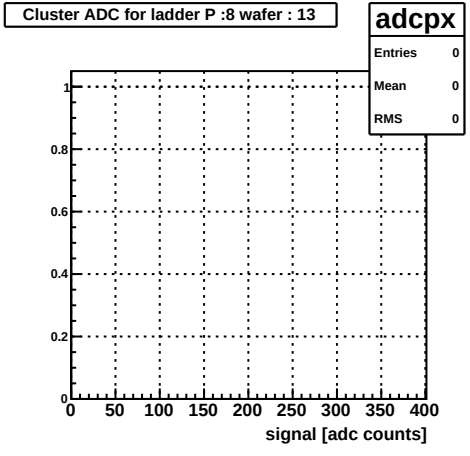

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 1066
Mean 67.92
RMS 61.72
signal [adc counts]

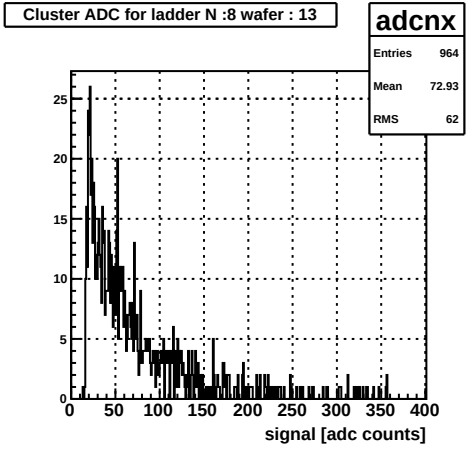

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 1026
Mean 69.33
RMS 63.6
signal [adc counts]

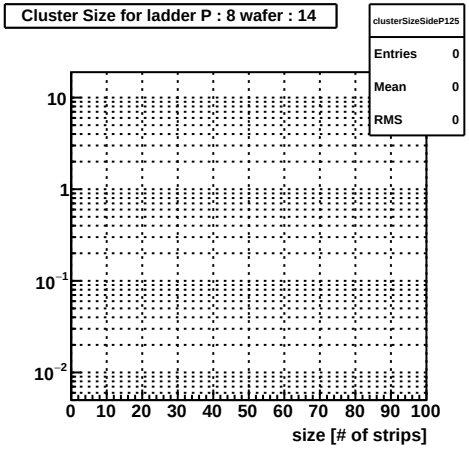

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

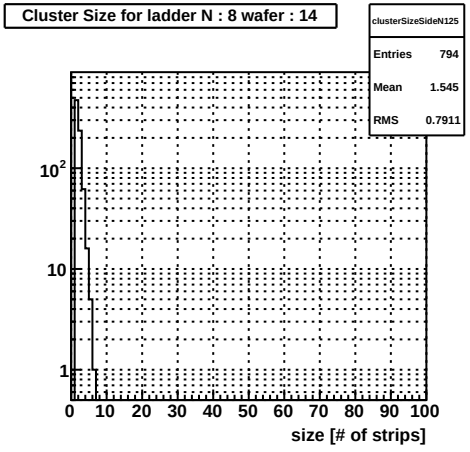

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 964
Mean 1.5
RMS 0.8039
size [# of strips]

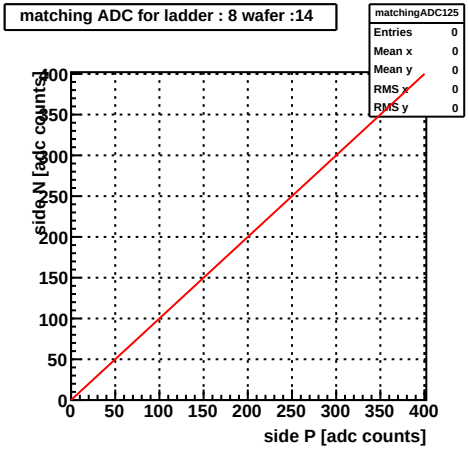

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

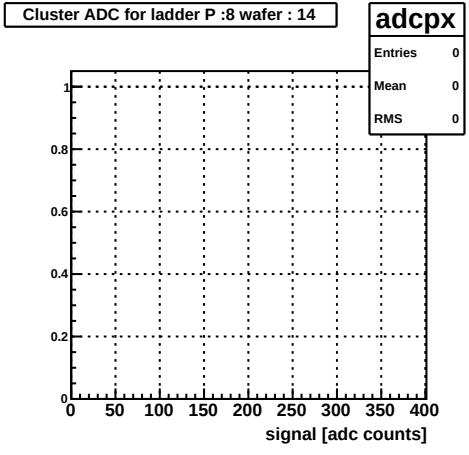

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

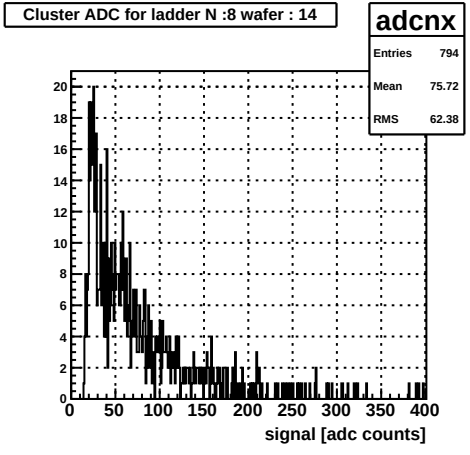

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 964
Mean 72.93
RMS 62
signal [adc counts]

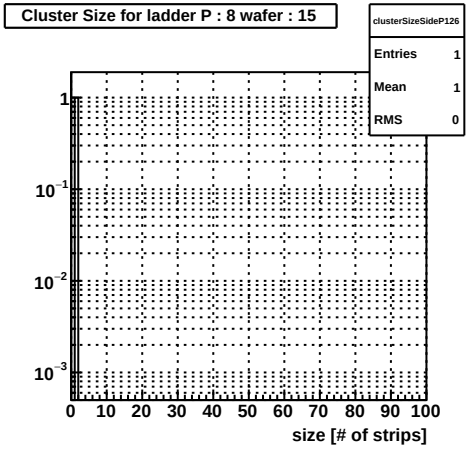

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

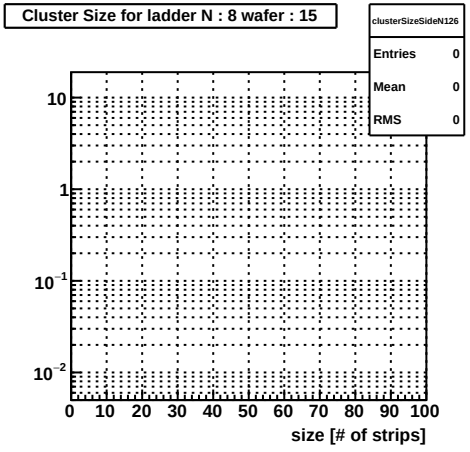

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 794
Mean 1.545
RMS 0.7911
size [# of strips]

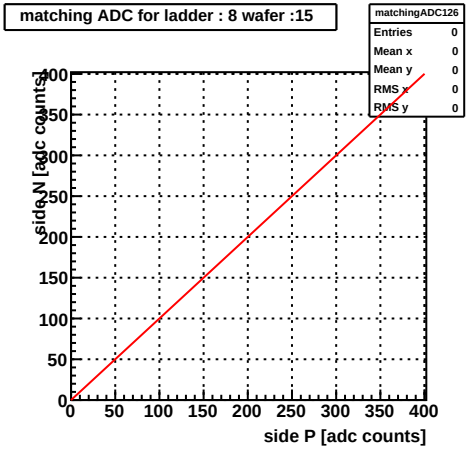

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

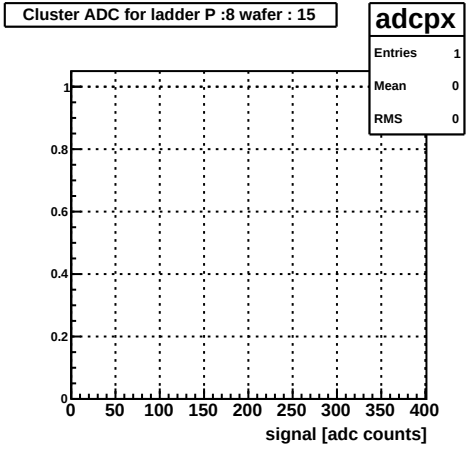

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

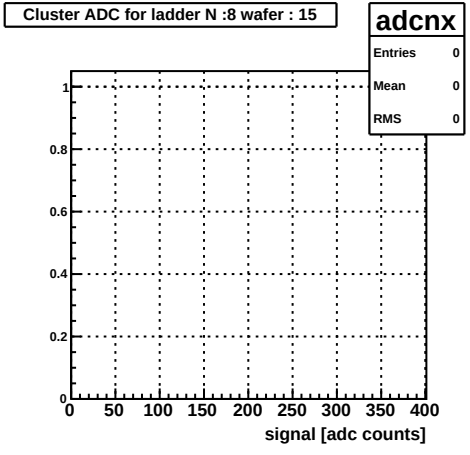

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 794
Mean 75.72
RMS 62.38
signal [adc counts]

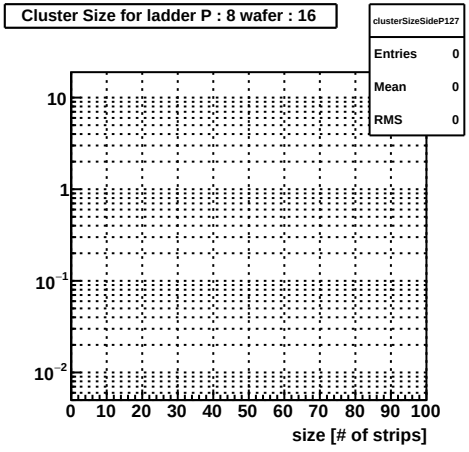

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 1
Mean 1
RMS 0
size [# of strips]

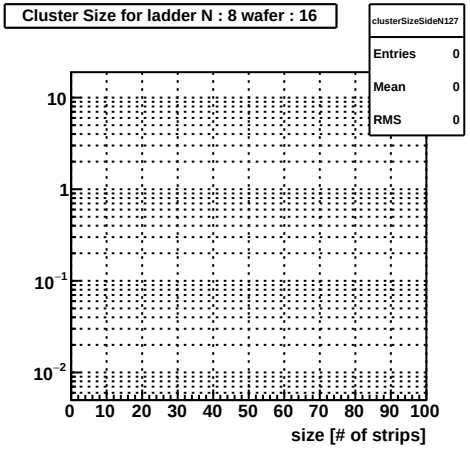

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

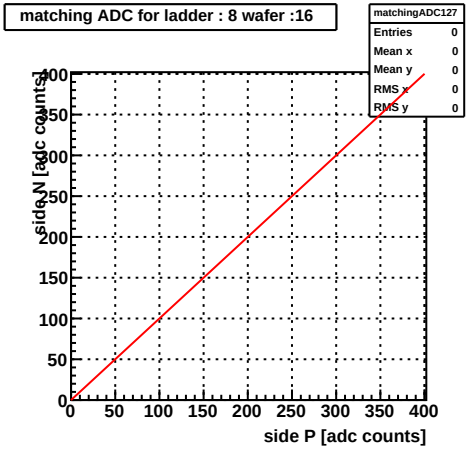

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

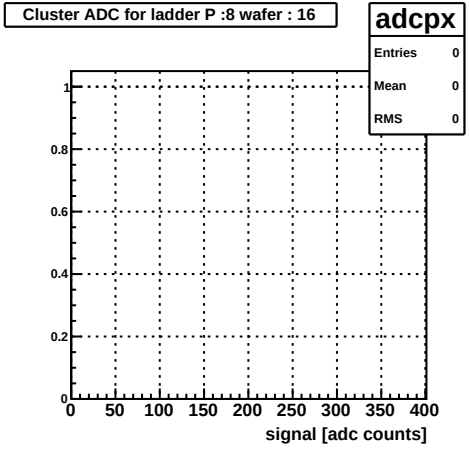

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

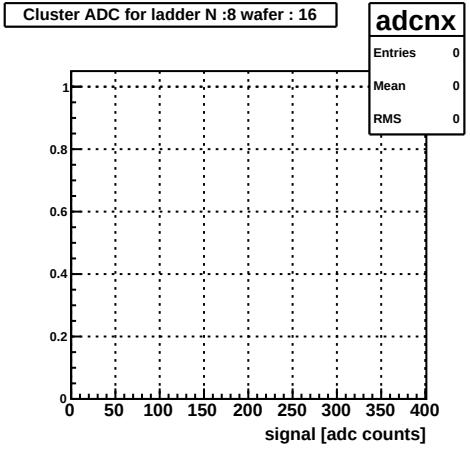

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

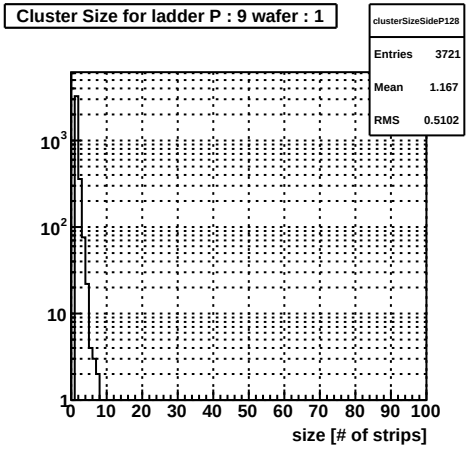

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

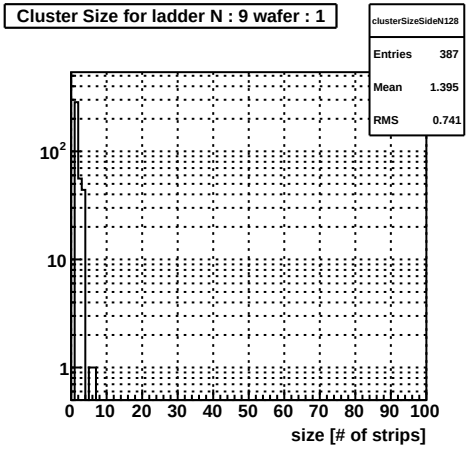

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

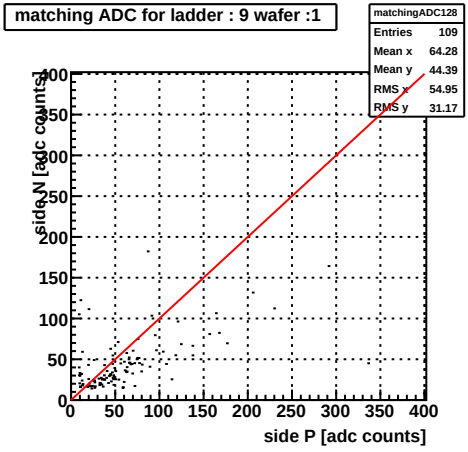

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

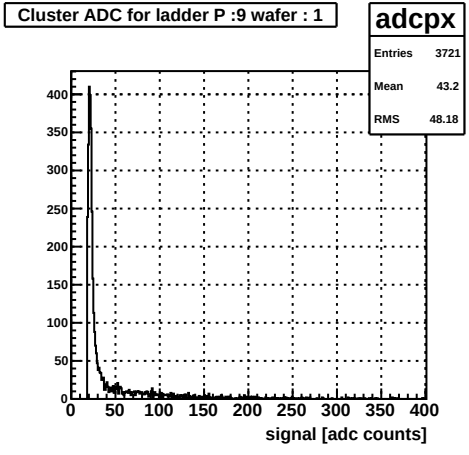

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

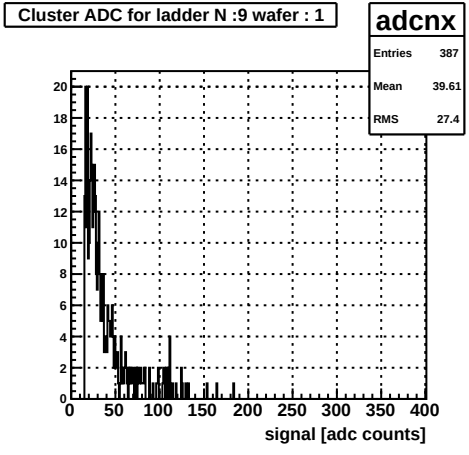

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

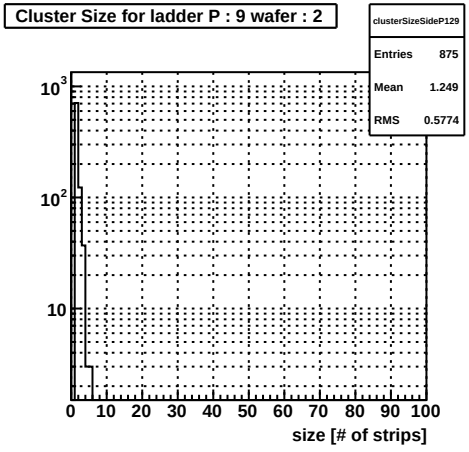

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 3721
Mean 1.167
RMS 0.5102
size [# of strips]

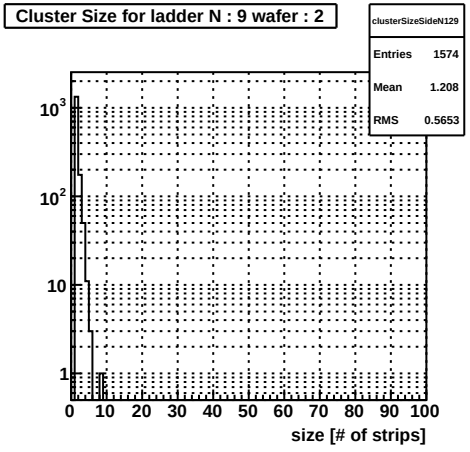

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 387
Mean 1.395
RMS 0.741
size [# of strips]

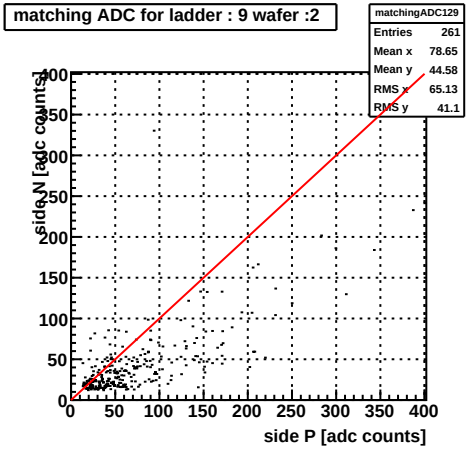

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 109
Mean x 64.28
Mean y 44.39
RMS x 54.95
RMS y 31.17
side N [adc counts]
side P [adc counts]

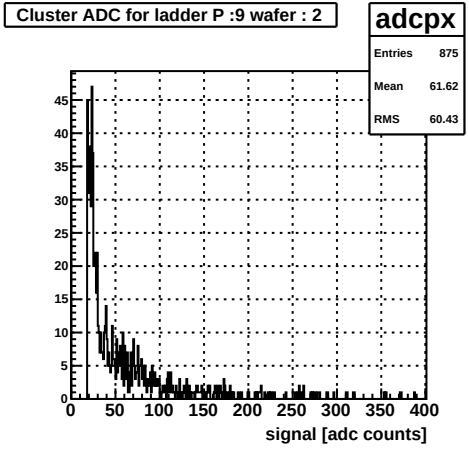

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 3721
Mean 43.2
RMS 48.18
signal [adc counts]

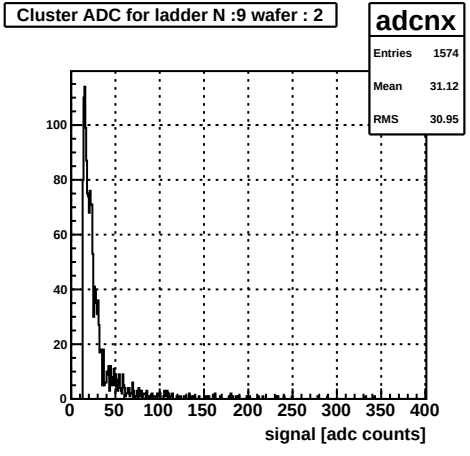

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 387
Mean 39.61
RMS 27.4
signal [adc counts]

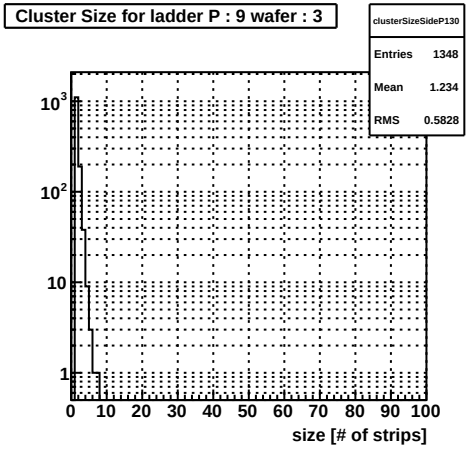

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 875
Mean 1.249
RMS 0.5774
size [# of strips]

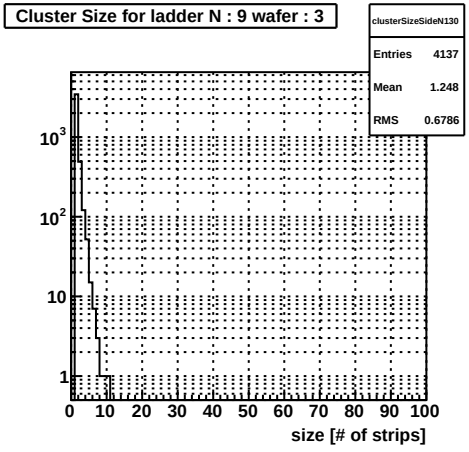

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 1574
Mean 1.208
RMS 0.5653
size [# of strips]

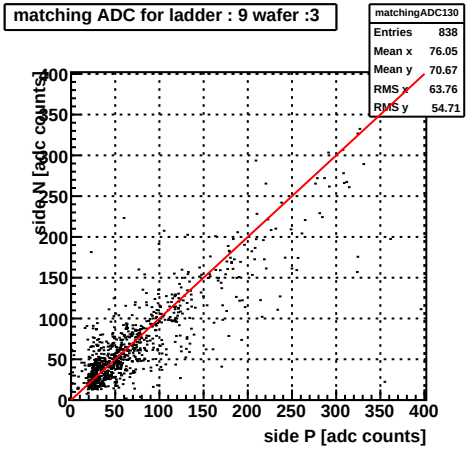

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 261
Mean x 78.65
Mean y 44.58
RMS x 65.13
RMS y 41.1
side N [adc counts]
side P [adc counts]

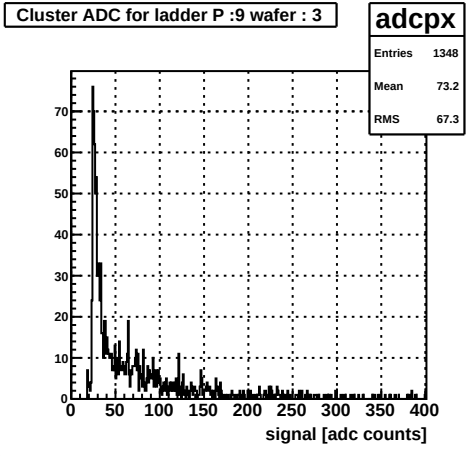

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 875
Mean 61.62
RMS 60.43
signal [adc counts]

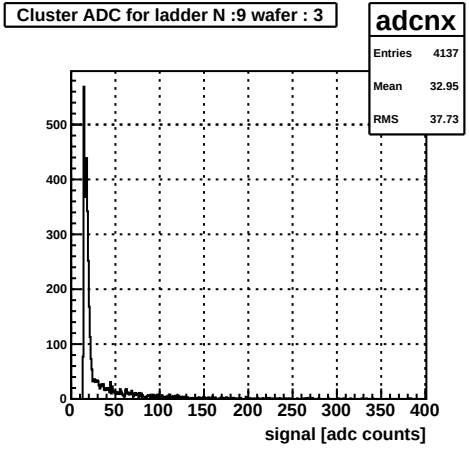

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 1574
Mean 31.12
RMS 30.95
signal [adc counts]

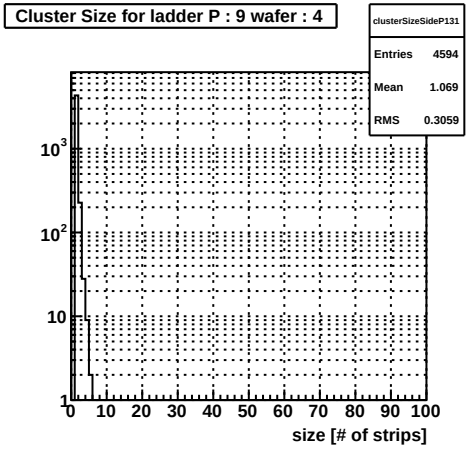

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 1348
Mean 1.234
RMS 0.5828
size [# of strips]

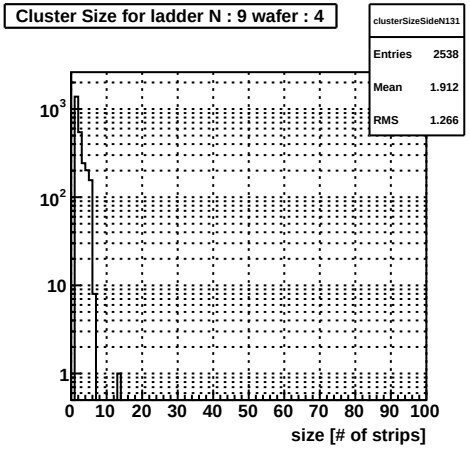

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 4137
Mean 1.248
RMS 0.6786
size [# of strips]

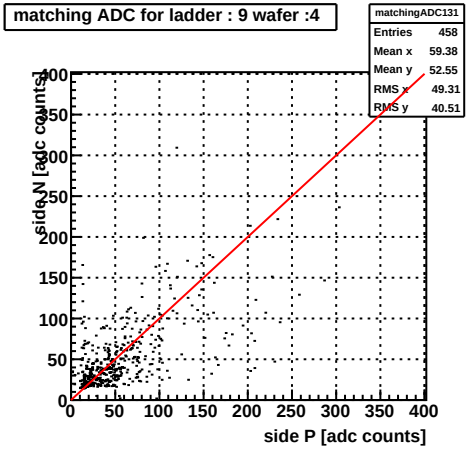

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 838
Mean x 76.05
Mean y 70.67
RMS x 63.76
RMS y 54.71
side N [adc counts]
side P [adc counts]

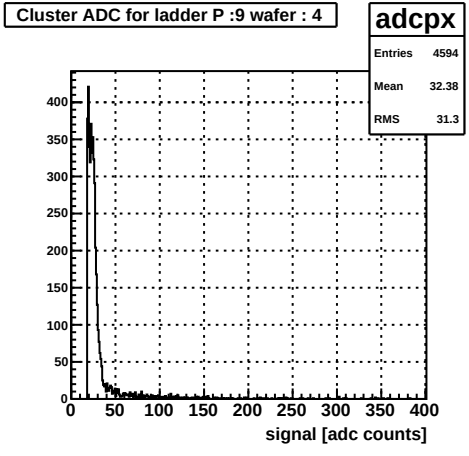

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 1348
Mean 73.2
RMS 67.3
signal [adc counts]

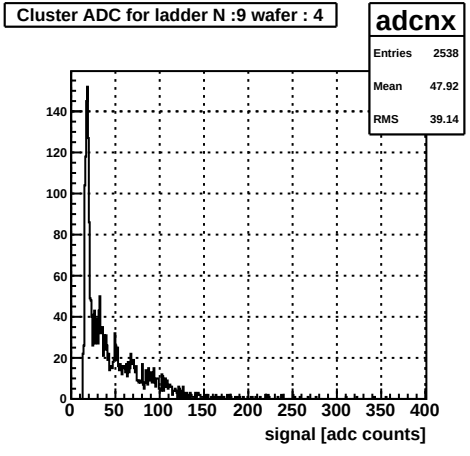

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 4137
Mean 32.95
RMS 37.73
signal [adc counts]

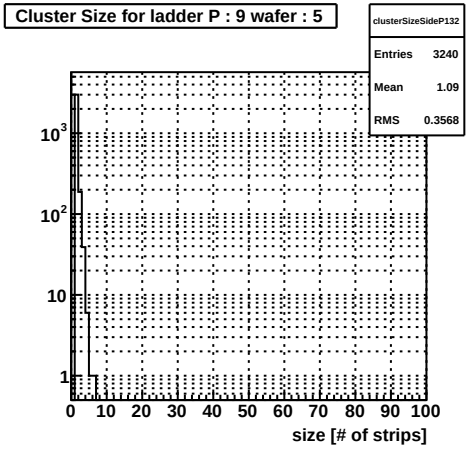

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 4594
Mean 1.069
RMS 0.3059
size [# of strips]

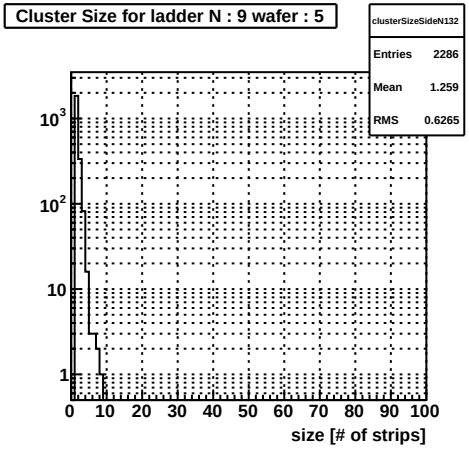

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 2538
Mean 1.912
RMS 1.266
size [# of strips]

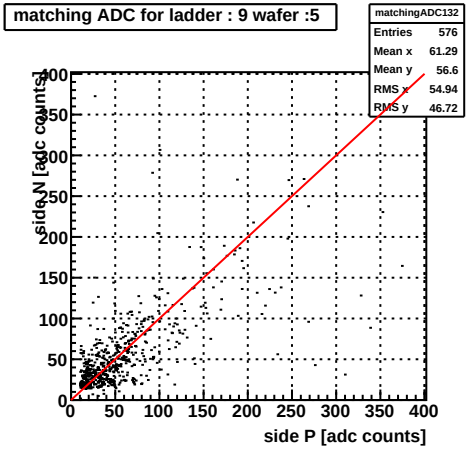

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 458
Mean x 59.38
Mean y 52.55
RMS x 49.31
RMS y 40.51
side N [adc counts]
side P [adc counts]

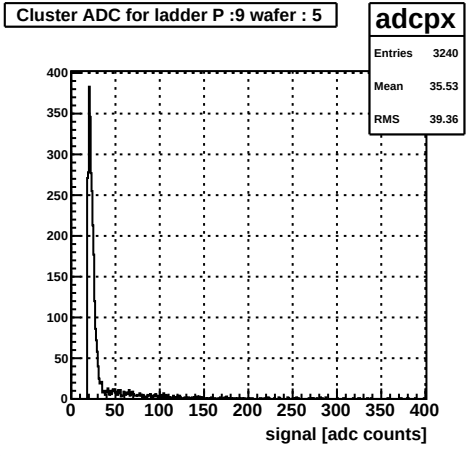

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 4594
Mean 32.38
RMS 31.3
signal [adc counts]

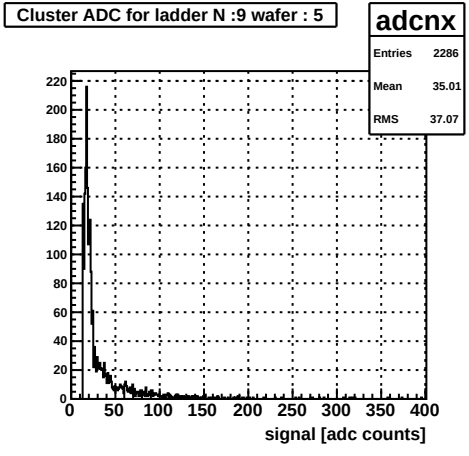

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 2538
Mean 47.92
RMS 39.14
signal [adc counts]

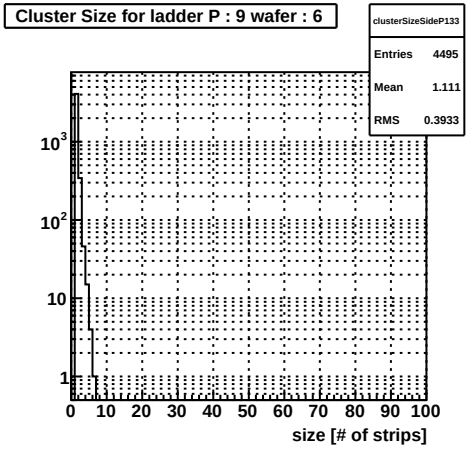

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 3240
Mean 1.09
RMS 0.3568
size [# of strips]

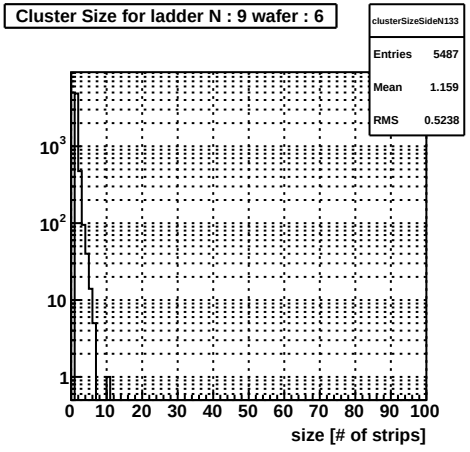

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 2286
Mean 1.259
RMS 0.6265
size [# of strips]

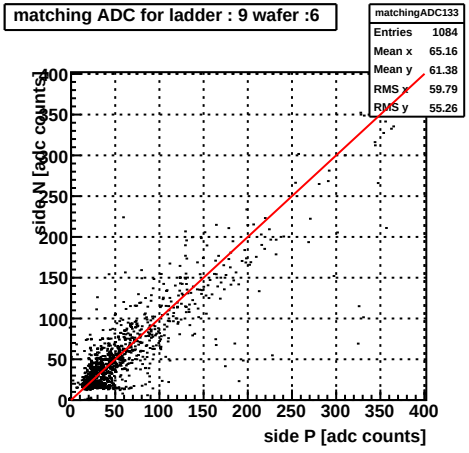

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 576
Mean x 61.29
Mean y 56.6
RMS x 54.94
RMS y 46.72
side N [adc counts]
side P [adc counts]

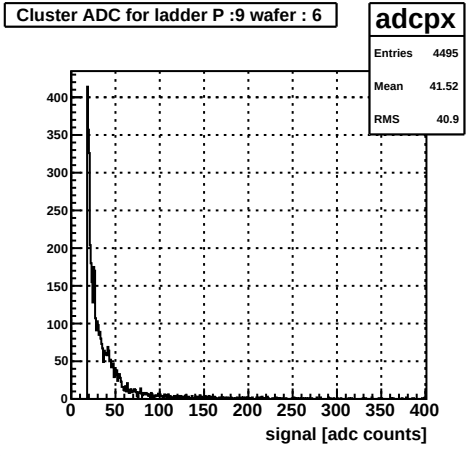

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 3240
Mean 35.53
RMS 39.36
signal [adc counts]

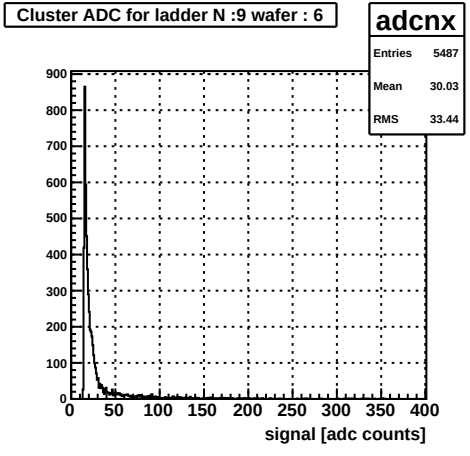

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 2286
Mean 35.01
RMS 37.07
signal [adc counts]

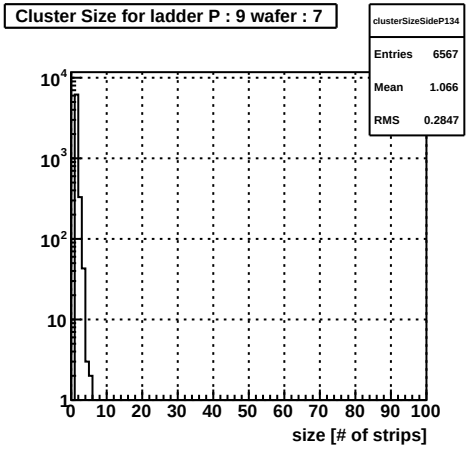

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 4495
Mean 1.111
RMS 0.3933
size [# of strips]

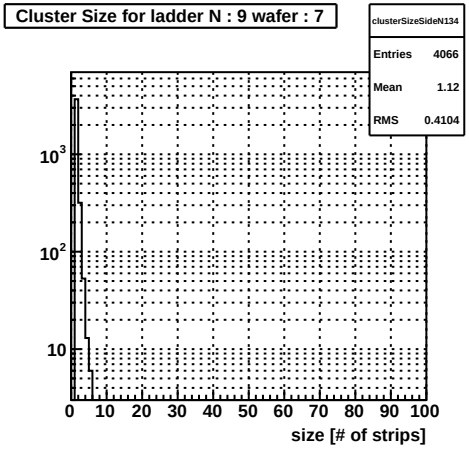

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 5487
Mean 1.159
RMS 0.5238
size [# of strips]

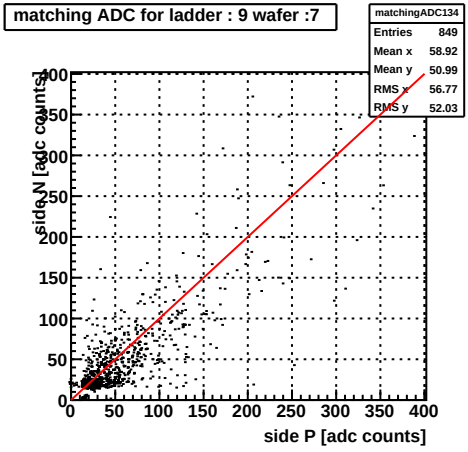

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 1084
Mean x 65.16
Mean y 61.38
RMS x 59.79
RMS y 55.26
side N [adc counts]
side P [adc counts]

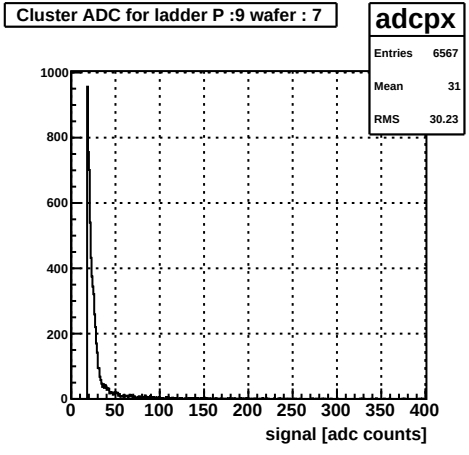

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 4495
Mean 41.52
RMS 40.9
signal [adc counts]

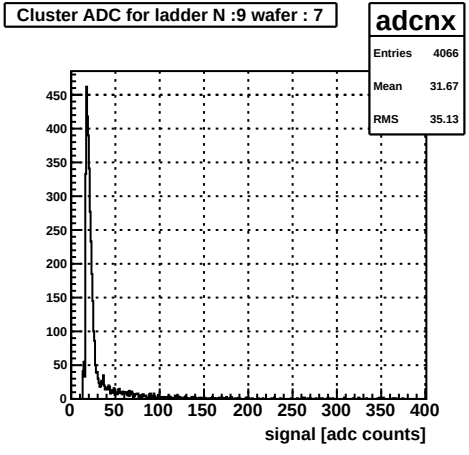

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 5487
Mean 30.03
RMS 33.44
signal [adc counts]

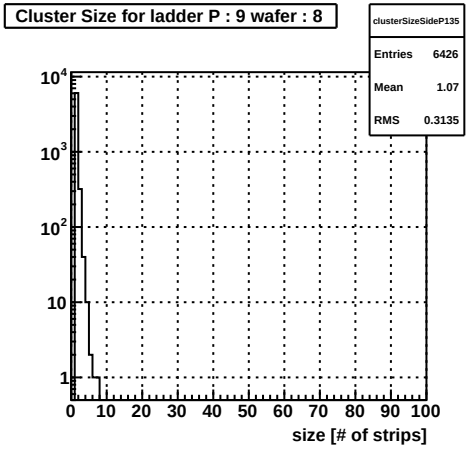

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 6567
Mean 1.066
RMS 0.2847
size [# of strips]

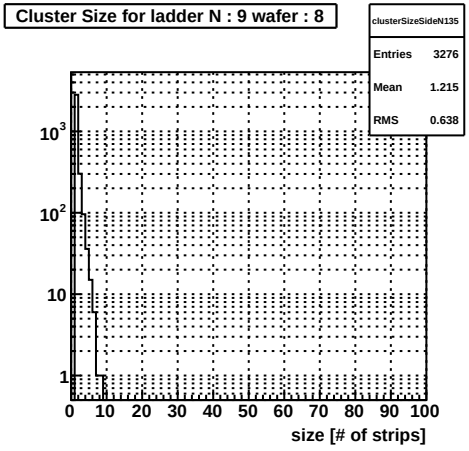

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 4066
Mean 1.12
RMS 0.4104
size [# of strips]

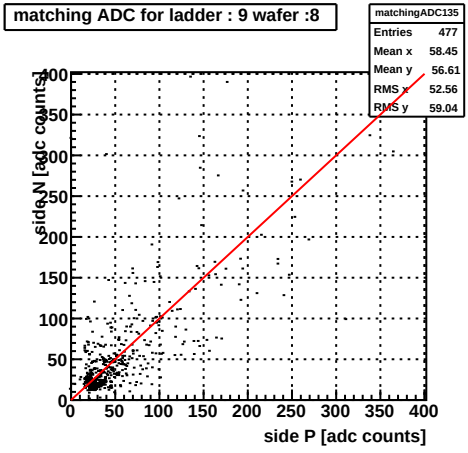

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 849
Mean x 58.92
Mean y 50.99
RMS x 56.77
RMS y 52.03
side N [adc counts]
side P [adc counts]

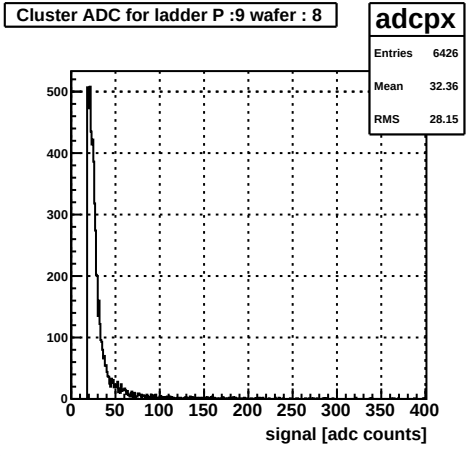

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 6567
Mean 31
RMS 30.23
signal [adc counts]

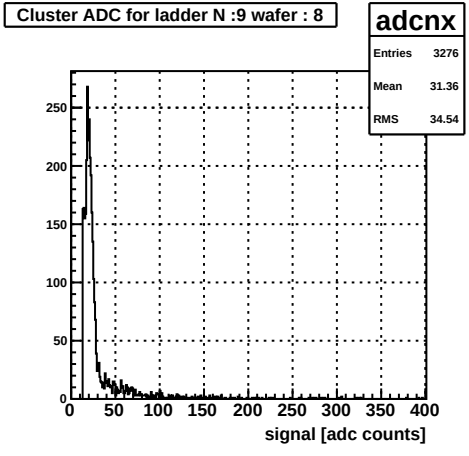

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 4066
Mean 31.67
RMS 35.13
signal [adc counts]

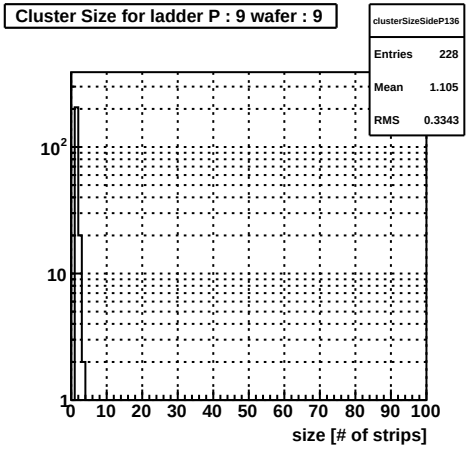

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 6426
Mean 1.07
RMS 0.3135
size [# of strips]

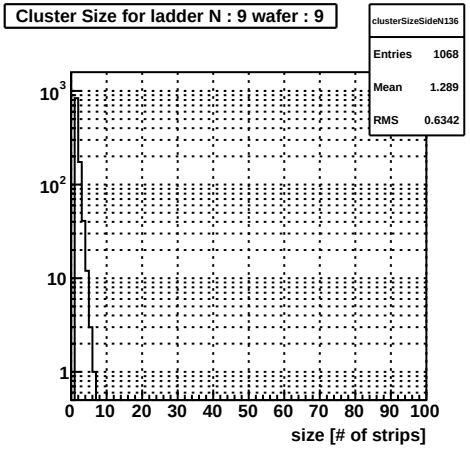

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 3276
Mean 1.215
RMS 0.638
size [# of strips]

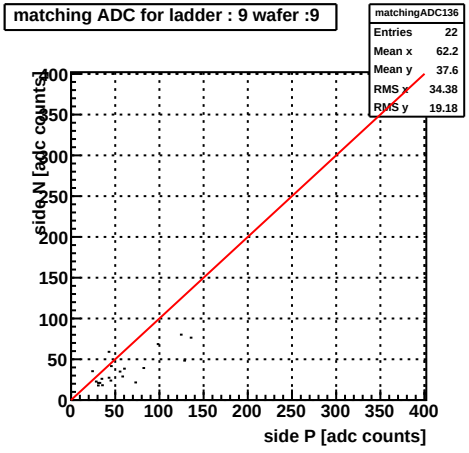

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 477
Mean x 58.45
Mean y 56.61
RMS x 52.56
RMS y 59.04
side N [adc counts]
side P [adc counts]

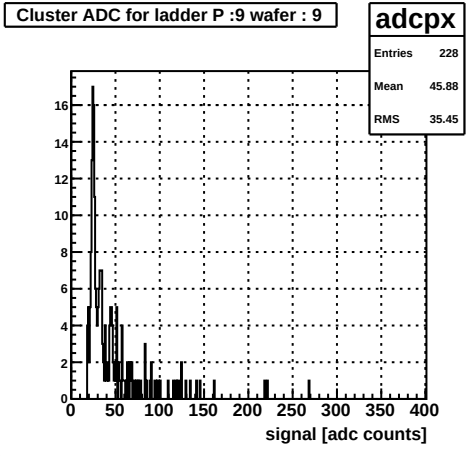

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 6426
Mean 32.36
RMS 28.15
signal [adc counts]

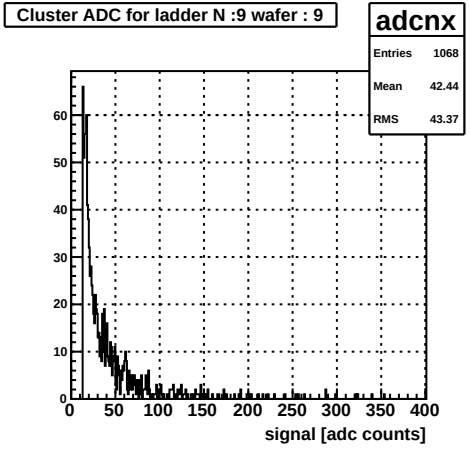

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 3276
Mean 31.36
RMS 34.54
signal [adc counts]

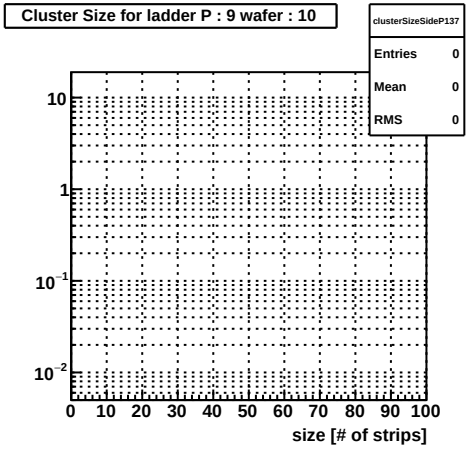

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 228
Mean 1.105
RMS 0.3343
size [# of strips]

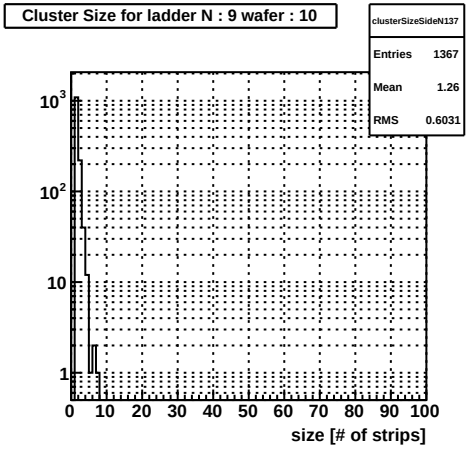

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 1068
Mean 1.289
RMS 0.6342
size [# of strips]

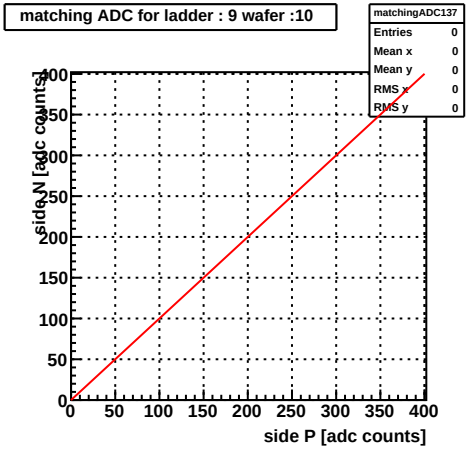

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 22
Mean x 62.2
Mean y 37.6
RMS x 34.38
RMS y 19.18
side N [adc counts]
side P [adc counts]

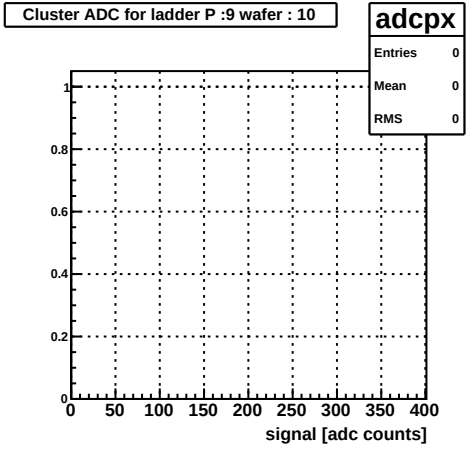

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 228
Mean 45.88
RMS 35.45
signal [adc counts]

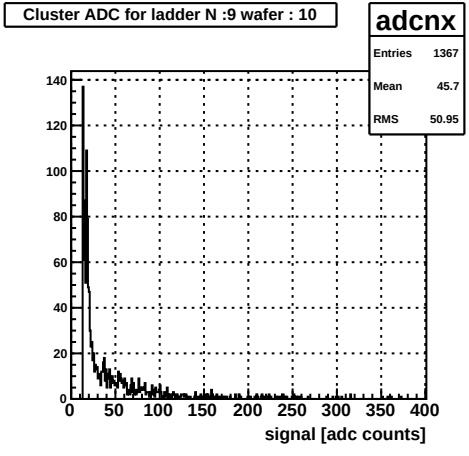

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 1068
Mean 42.44
RMS 43.37
signal [adc counts]

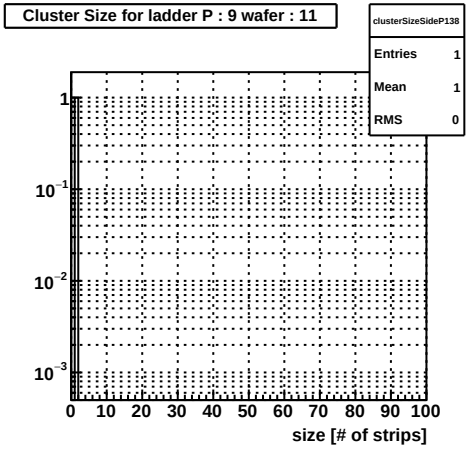

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

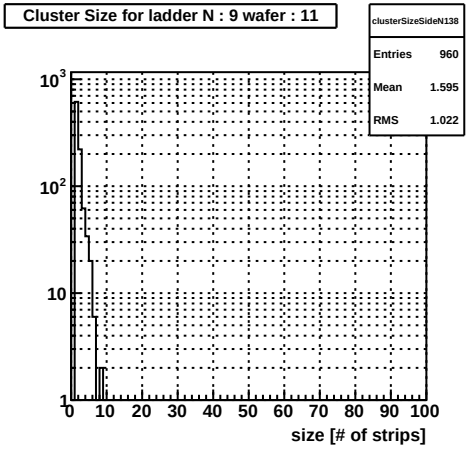

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 1367
Mean 1.26
RMS 0.6031
size [# of strips]

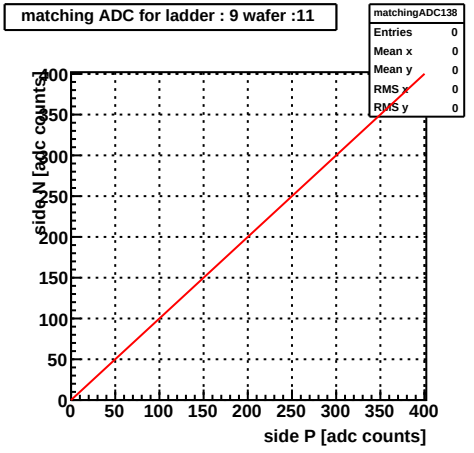

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

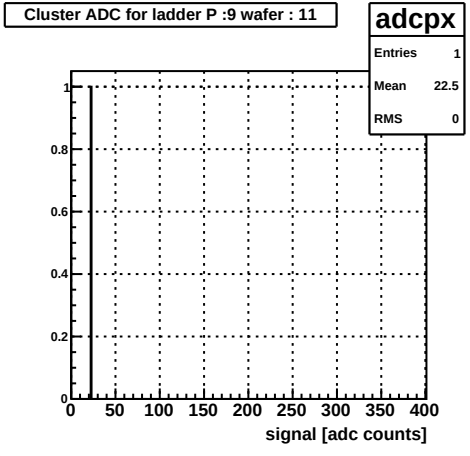

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

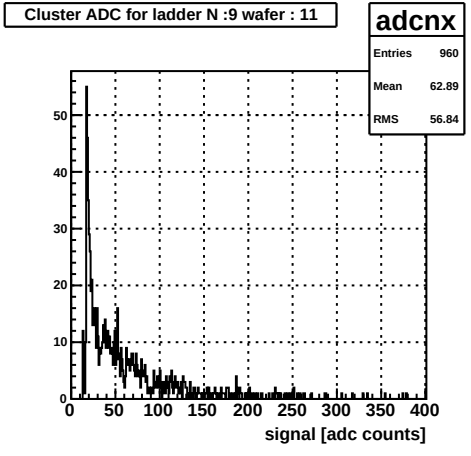

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 1367
Mean 45.7
RMS 50.95
signal [adc counts]

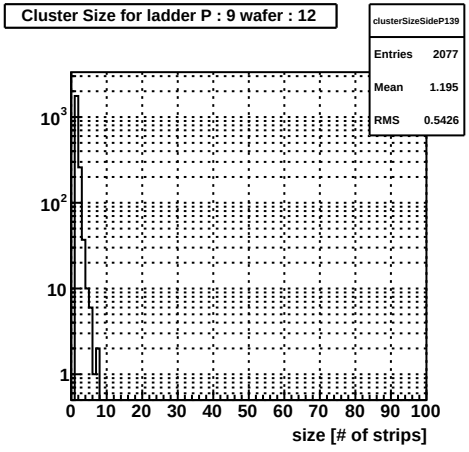

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 1
Mean 1
RMS 0
size [# of strips]

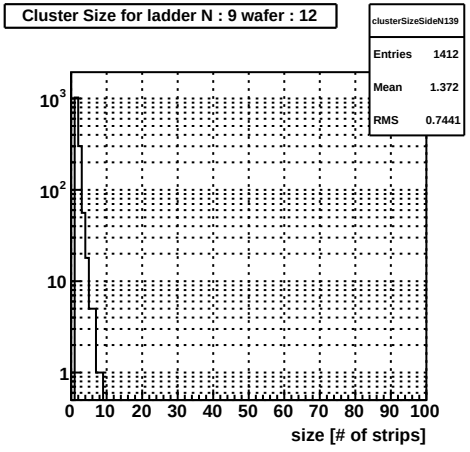

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 960
Mean 1.595
RMS 1.022
size [# of strips]

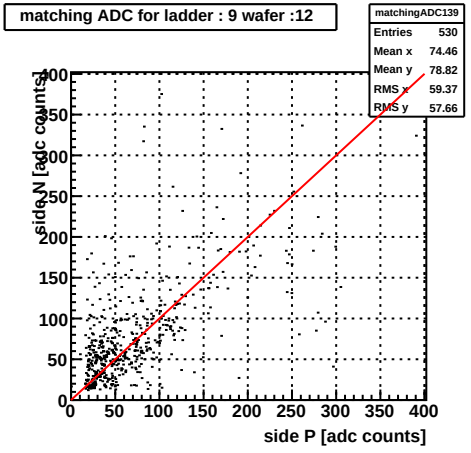

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

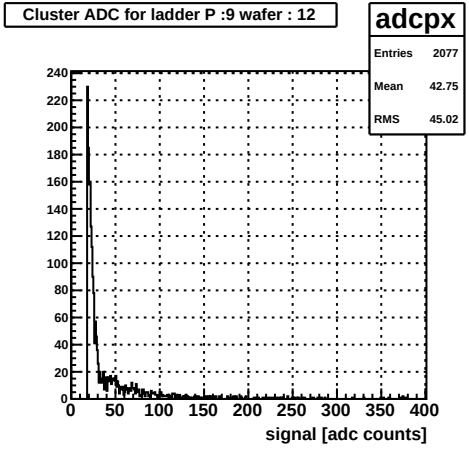

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 1
Mean 22.5
RMS 0
signal [adc counts]

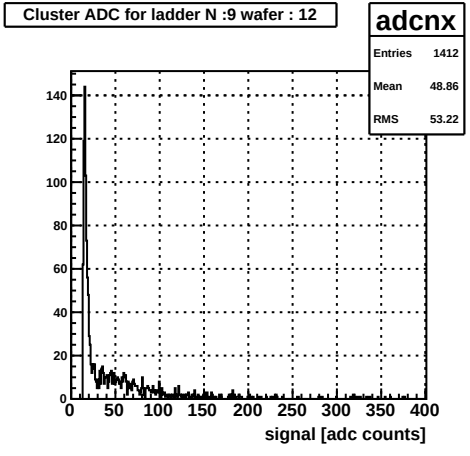

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 960
Mean 62.89
RMS 56.84
signal [adc counts]

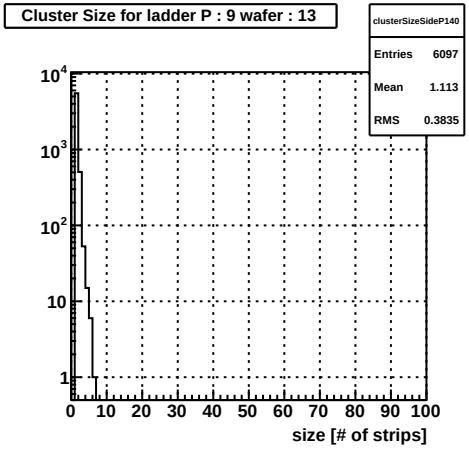

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 2077
Mean 1.195
RMS 0.5426
size [# of strips]

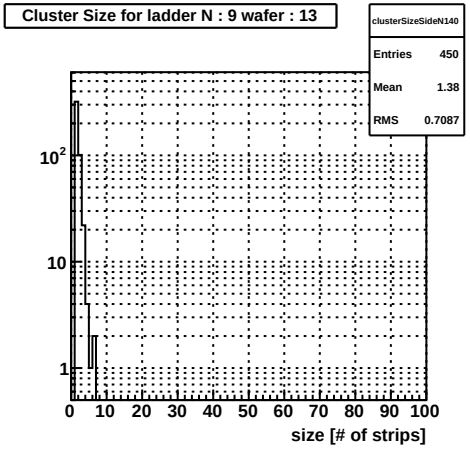

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 1412
Mean 1.372
RMS 0.7441
size [# of strips]

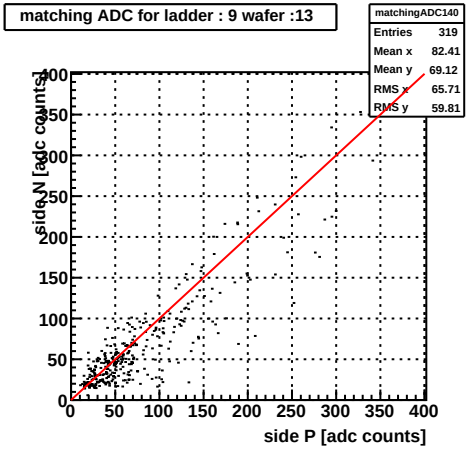

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 530
Mean x 74.46
Mean y 78.82
RMS x 59.37
RMS y 57.66
side N [adc counts]
side P [adc counts]

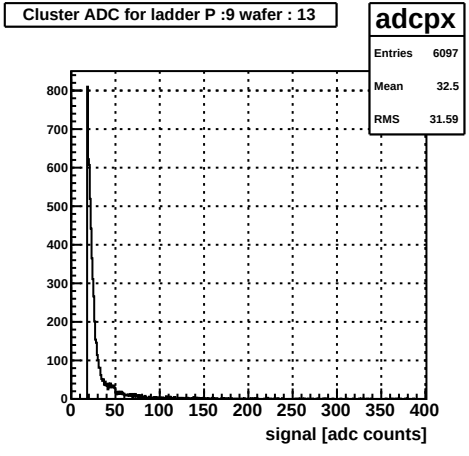

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 2077
Mean 42.75
RMS 45.02
signal [adc counts]

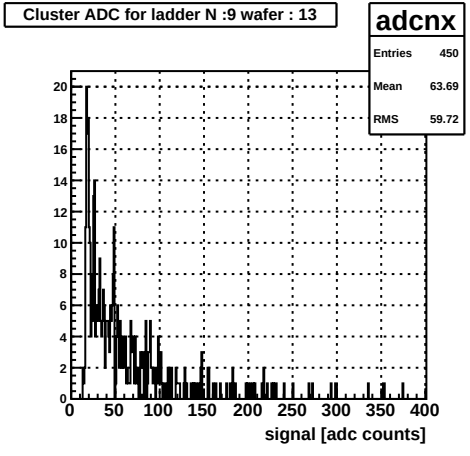

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 1412
Mean 48.86
RMS 53.22
signal [adc counts]

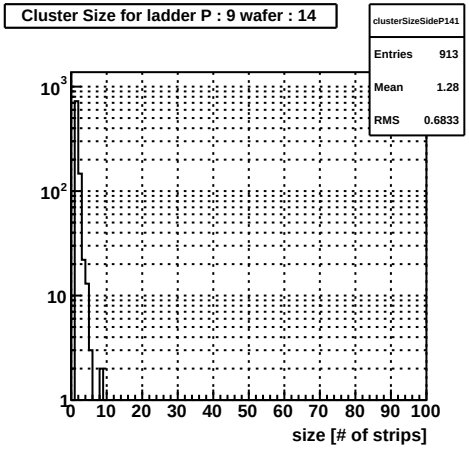

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 6097
Mean 1.113
RMS 0.3835
size [# of strips]

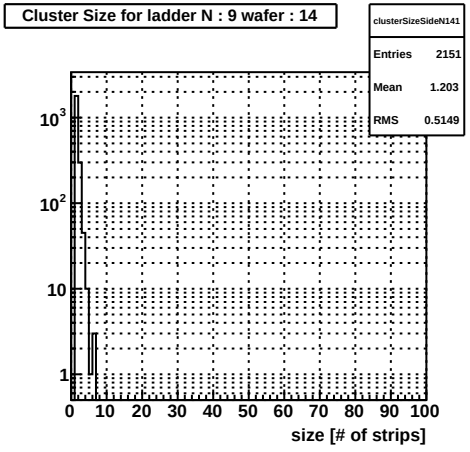

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 450
Mean 1.38
RMS 0.7087
size [# of strips]

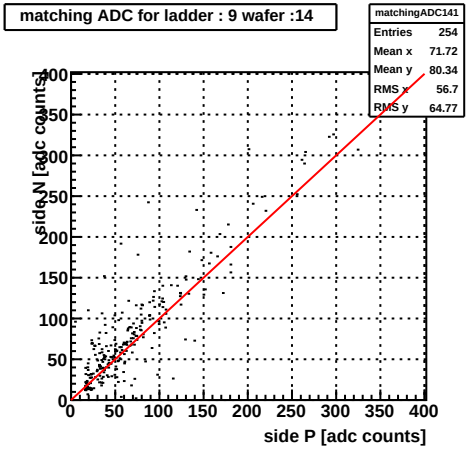

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 319
Mean x 82.41
Mean y 69.12
RMS x 65.71
RMS y 59.81
side N [adc counts]
side P [adc counts]

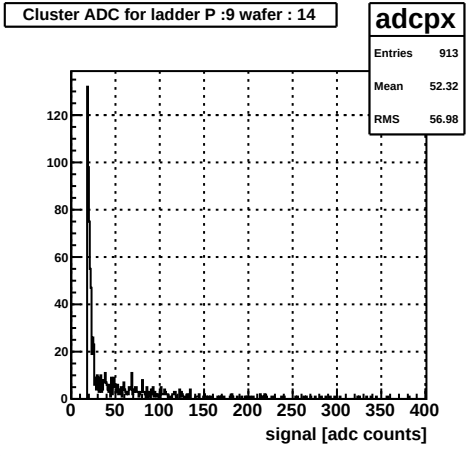

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 6097
Mean 32.5
RMS 31.59
signal [adc counts]

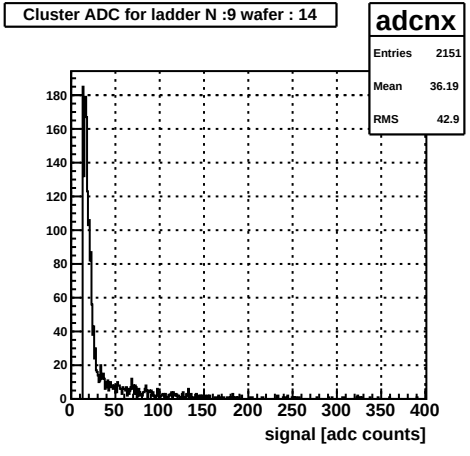

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 450
Mean 63.69
RMS 59.72
signal [adc counts]

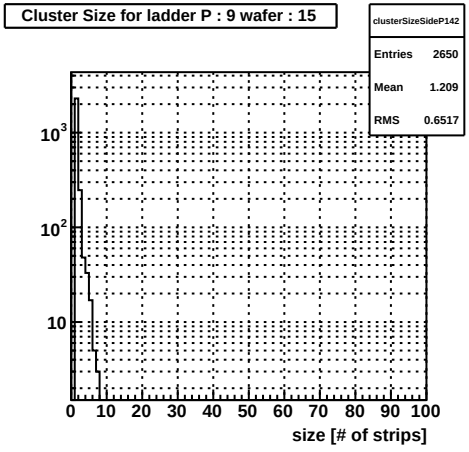

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 913
Mean 1.28
RMS 0.6833
size [# of strips]

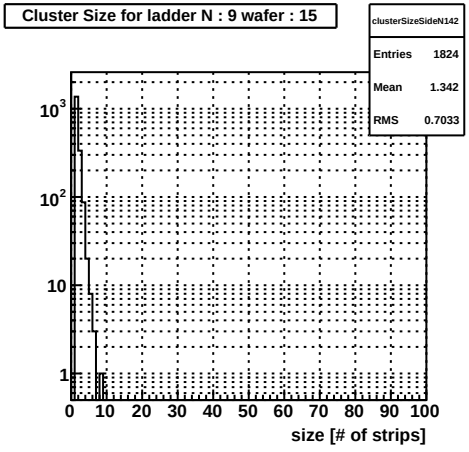

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 2151
Mean 1.203
RMS 0.5149
size [# of strips]

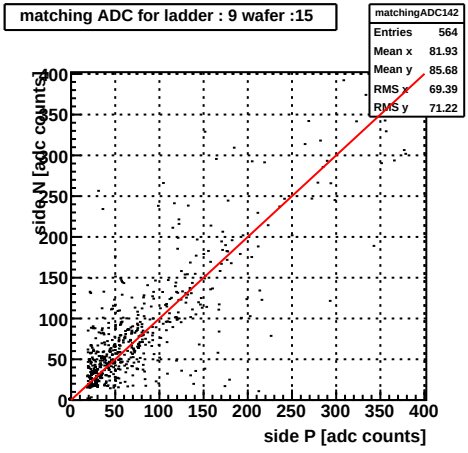

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 254
Mean x 71.72
Mean y 80.34
RMS x 56.7
RMS y 64.77
side N [adc counts]
side P [adc counts]

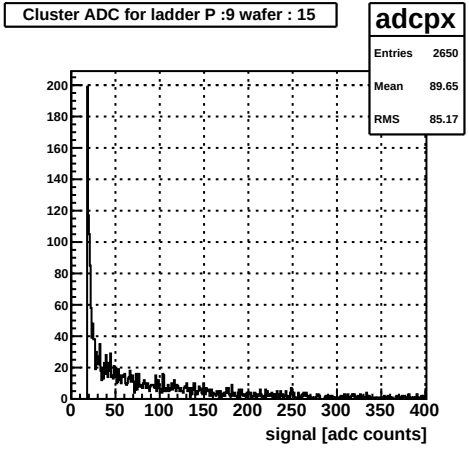

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 913
Mean 52.32
RMS 56.98
signal [adc counts]

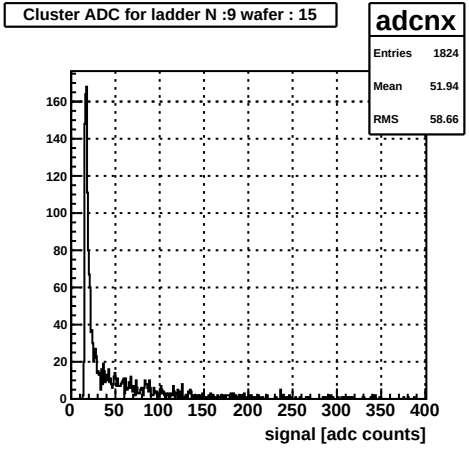

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 2151
Mean 36.19
RMS 42.9
signal [adc counts]

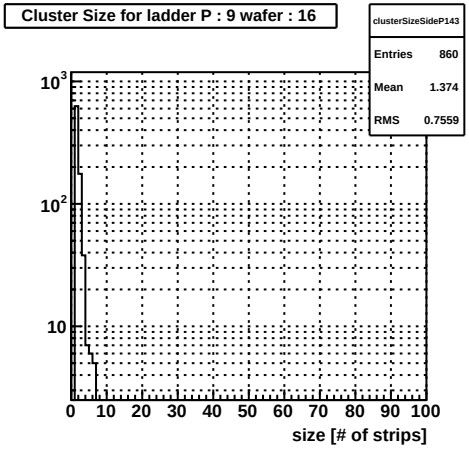

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 2650
Mean 1.209
RMS 0.6517
size [# of strips]

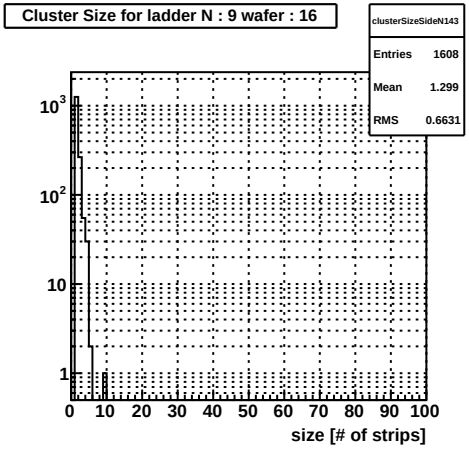

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 1824
Mean 1.342
RMS 0.7033
size [# of strips]

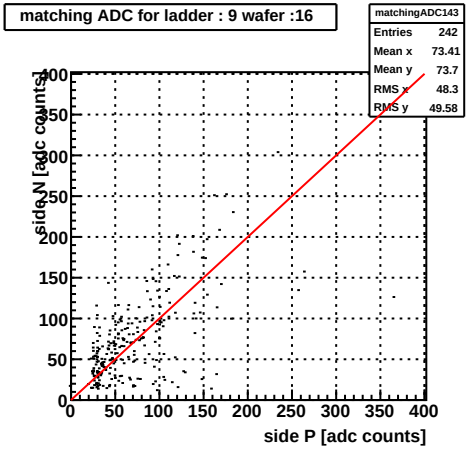

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 564
Mean x 81.93
Mean y 85.68
RMS x 69.39
RMS y 71.22
side N [adc counts]
side P [adc counts]

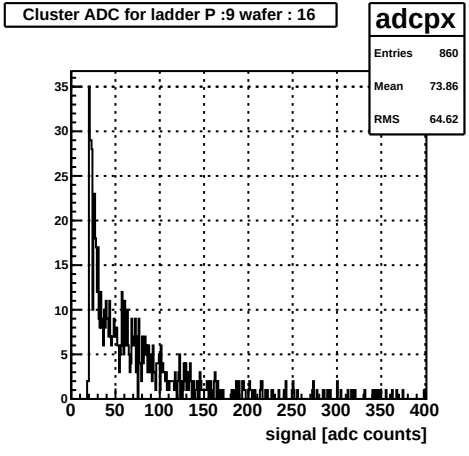

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 2650
Mean 89.65
RMS 85.17
signal [adc counts]

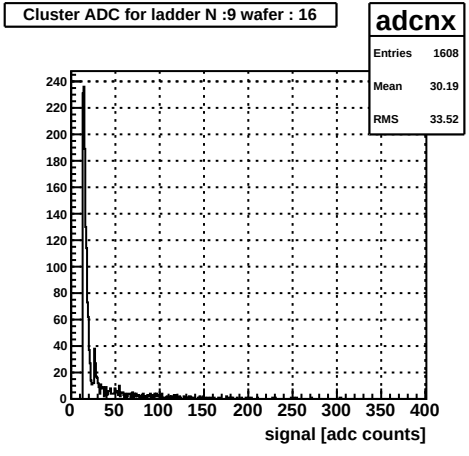

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 1824
Mean 51.94
RMS 58.66
signal [adc counts]

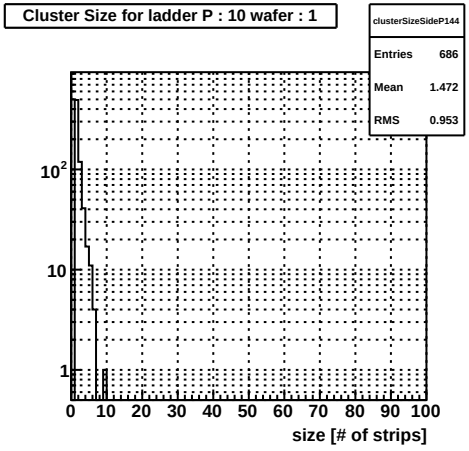

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 860
Mean 1.374
RMS 0.7559
size [# of strips]

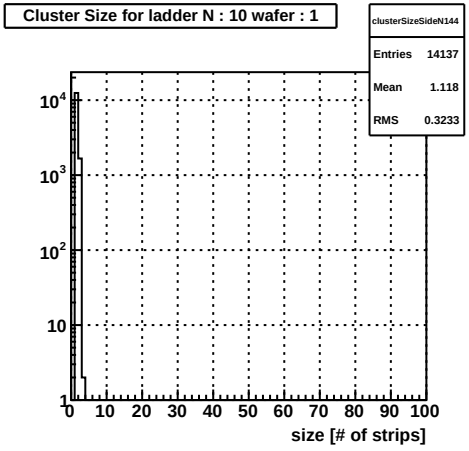

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 1608
Mean 1.299
RMS 0.6631
size [# of strips]

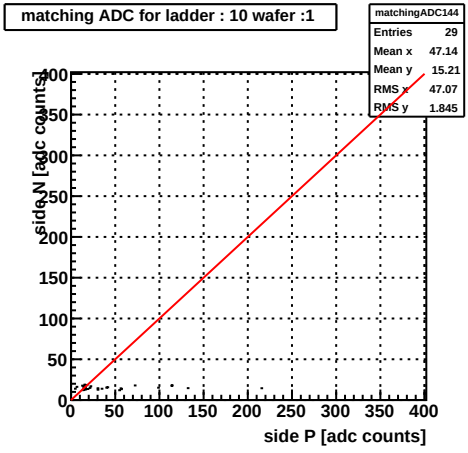

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 242
Mean x 73.41
Mean y 73.7
RMS x 48.3
RMS y 49.58
side N [adc counts]
side P [adc counts]

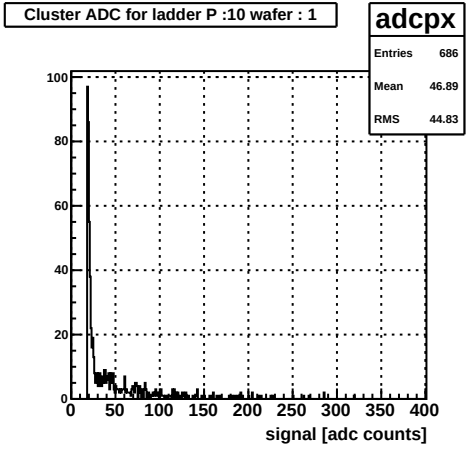

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 860
Mean 73.86
RMS 64.62
signal [adc counts]

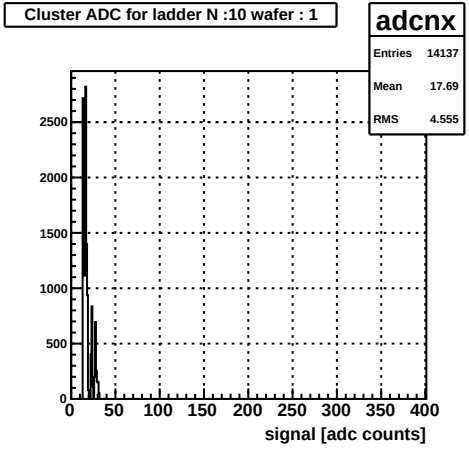

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 1608
Mean 30.19
RMS 33.52
signal [adc counts]

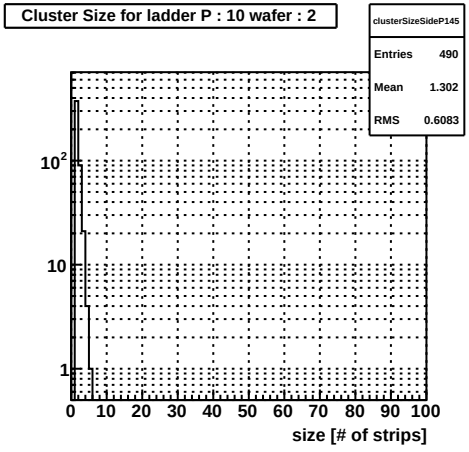

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 686
Mean 1.472
RMS 0.953
size [# of strips]

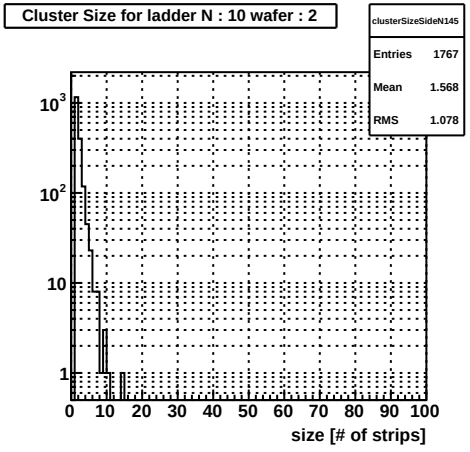

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 14137
Mean 1.118
RMS 0.3233
size [# of strips]

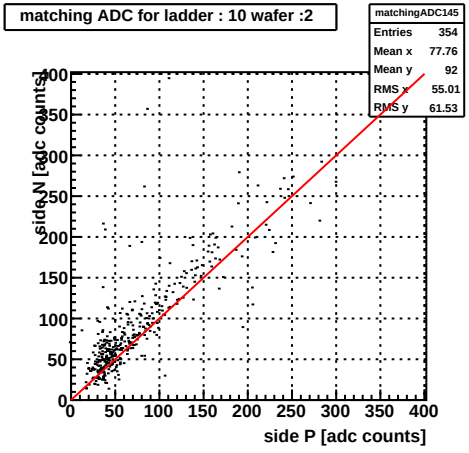

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 29
Mean x 47.14
Mean y 15.21
RMS x 47.07
RMS y 1.845
side N [adc counts]
side P [adc counts]

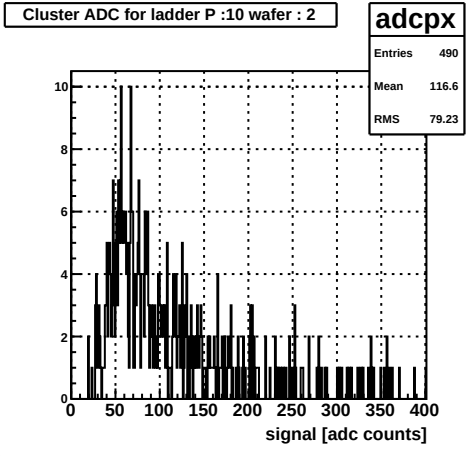

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 686
Mean 46.89
RMS 44.83
signal [adc counts]

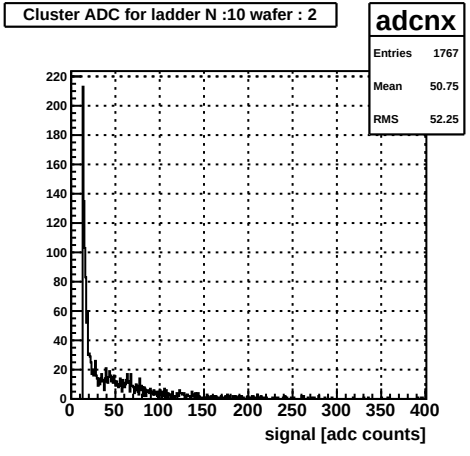

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 14137
Mean 17.69
RMS 4.555
signal [adc counts]

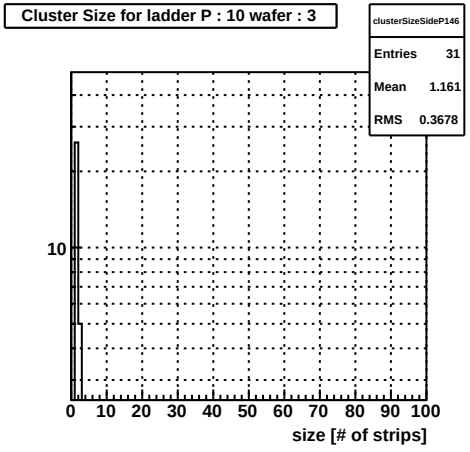

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 490
Mean 1.302
RMS 0.6083
size [# of strips]

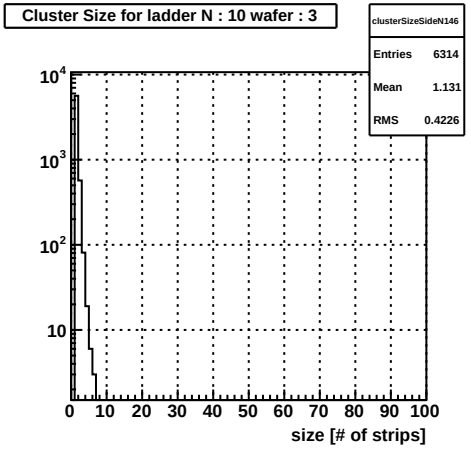

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 1767
Mean 1.568
RMS 1.078
size [# of strips]

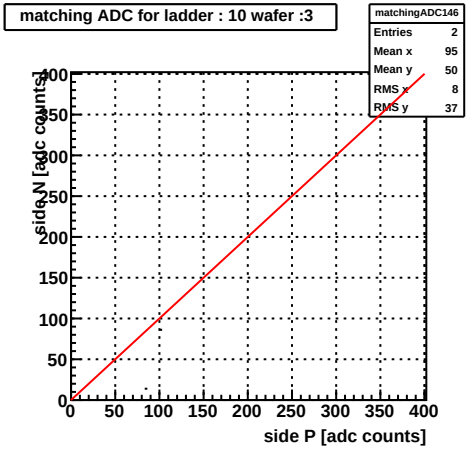

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 354
Mean x 77.76
Mean y 92
RMS x 55.01
RMS y 61.53
side N [adc counts]
side P [adc counts]

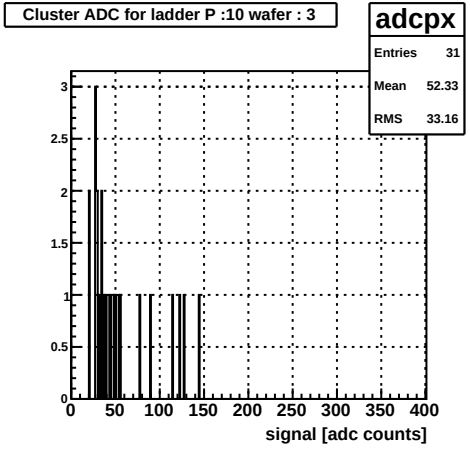

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 490
Mean 116.6
RMS 79.23
signal [adc counts]

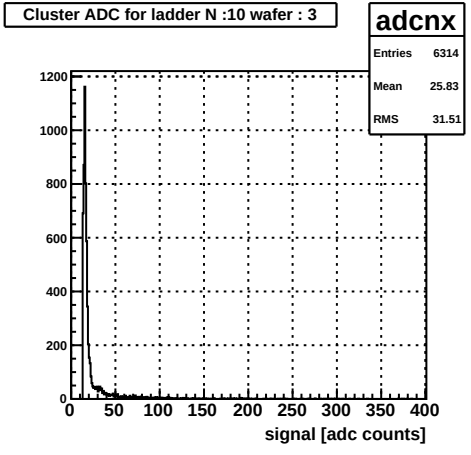

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 1767
Mean 50.75
RMS 52.25
signal [adc counts]

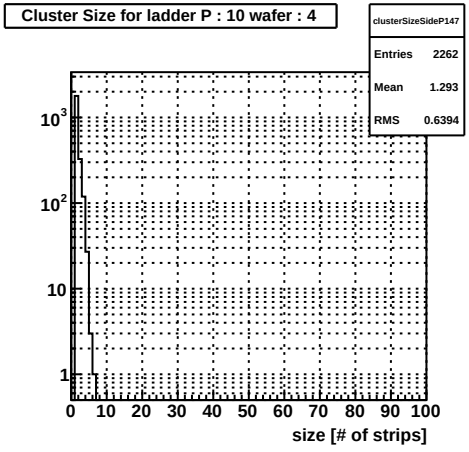

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 31
Mean 1.161
RMS 0.3678
size [# of strips]

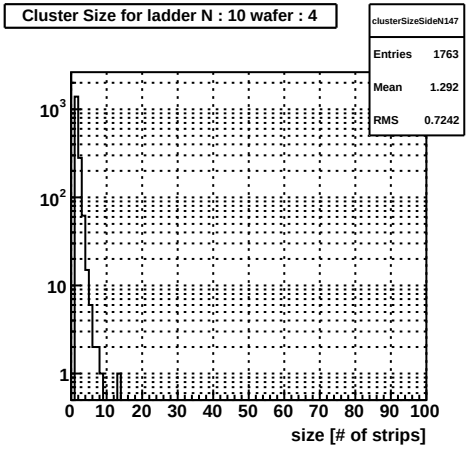

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 6314
Mean 1.131
RMS 0.4226
size [# of strips]

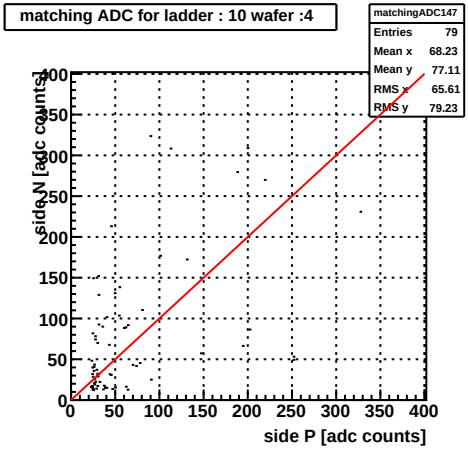

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 2
Mean x 95
Mean y 50
RMS x 8
RMS y 37
side N [adc counts]
side P [adc counts]

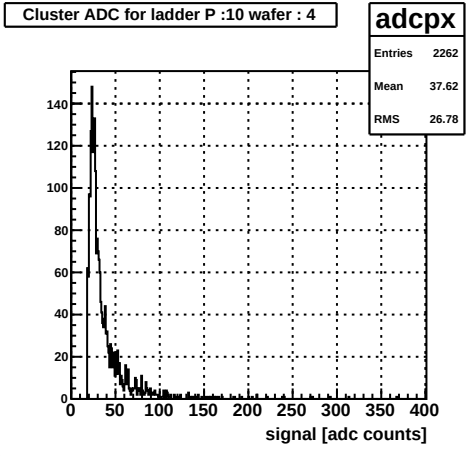

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 31
Mean 52.33
RMS 33.16
signal [adc counts]

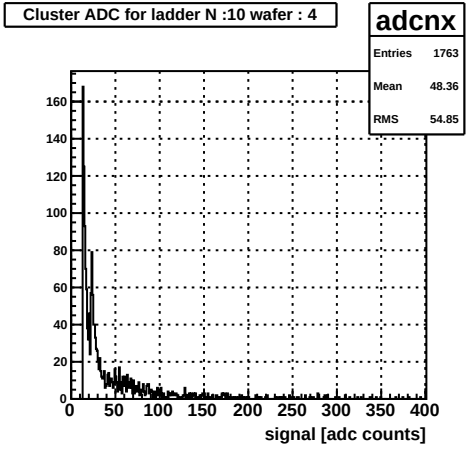

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 6314
Mean 25.83
RMS 31.51
signal [adc counts]

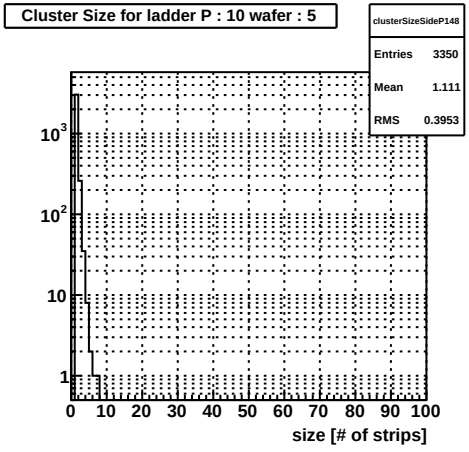

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 2262
Mean 1.293
RMS 0.6394
size [# of strips]

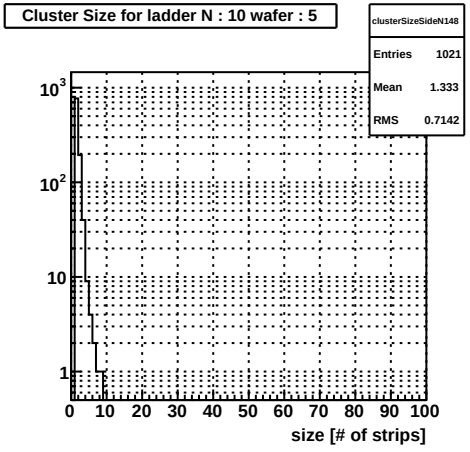

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 1763
Mean 1.292
RMS 0.7242
size [# of strips]

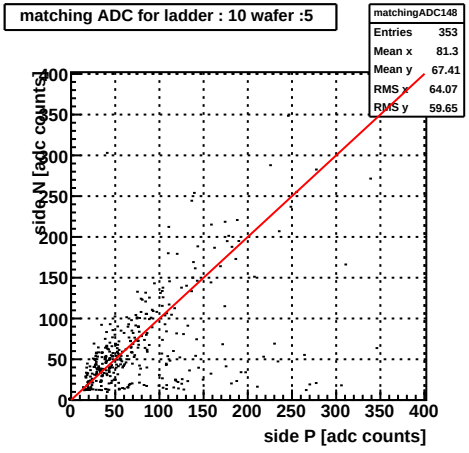

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 79
Mean x 68.23
Mean y 77.11
RMS x 65.61
RMS y 79.23
side N [adc counts]
side P [adc counts]

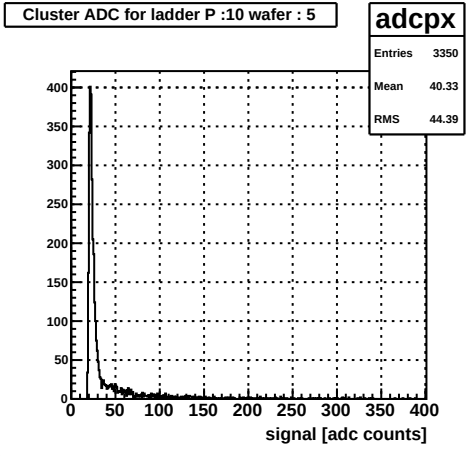

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 2262
Mean 37.62
RMS 26.78
signal [adc counts]

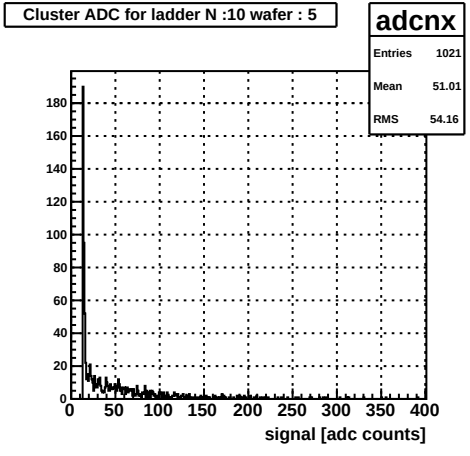

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 1763
Mean 48.36
RMS 54.85
signal [adc counts]

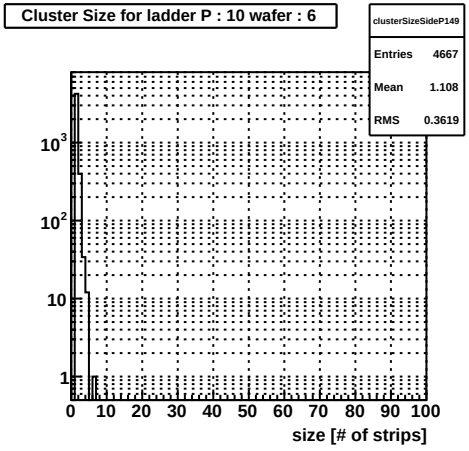

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 3350
Mean 1.111
RMS 0.3953
size [# of strips]

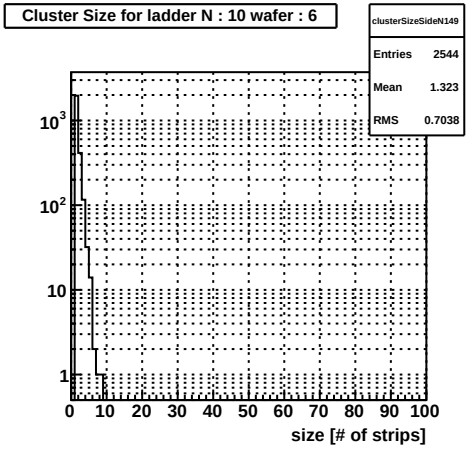

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 1021
Mean 1.333
RMS 0.7142
size [# of strips]

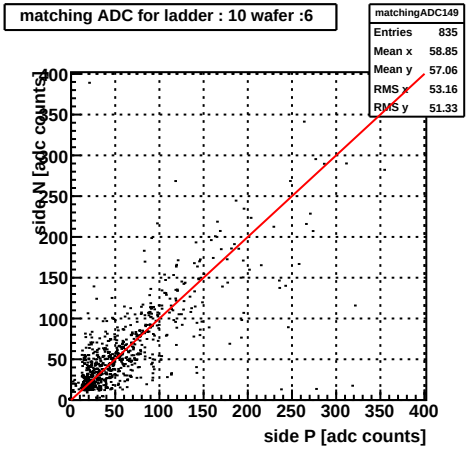

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 353
Mean x 81.3
Mean y 67.41
RMS x 64.07
RMS y 59.65
side N [adc counts]
side P [adc counts]

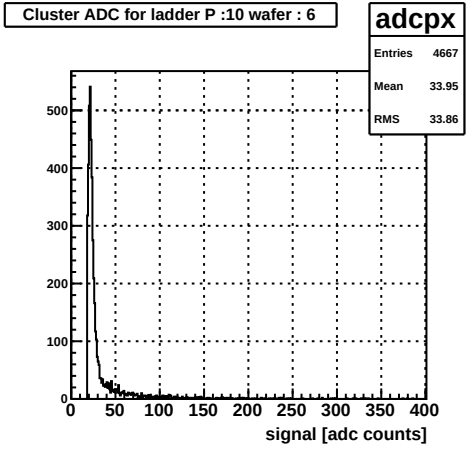

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 3350
Mean 40.33
RMS 44.39
signal [adc counts]

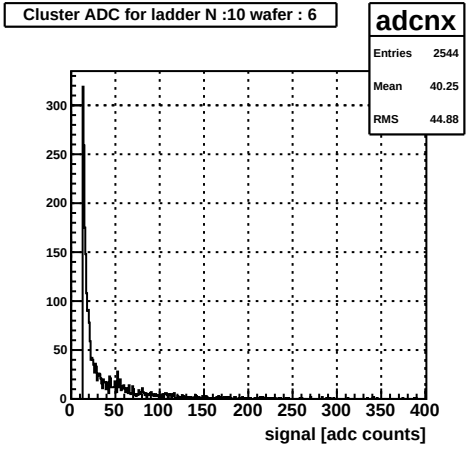

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 1021
Mean 51.01
RMS 54.16
signal [adc counts]

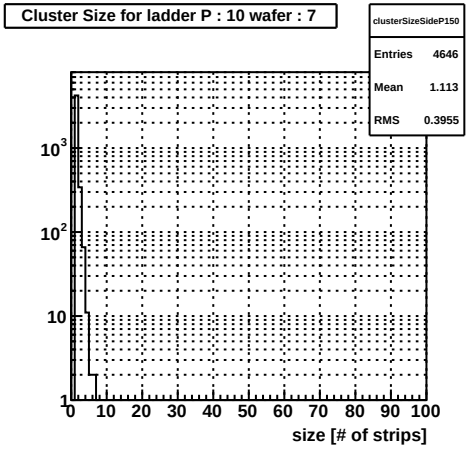

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 4667
Mean 1.108
RMS 0.3619
size [# of strips]

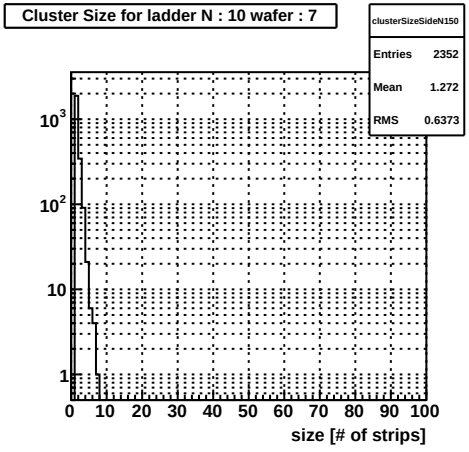

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 2544
Mean 1.323
RMS 0.7038
size [# of strips]

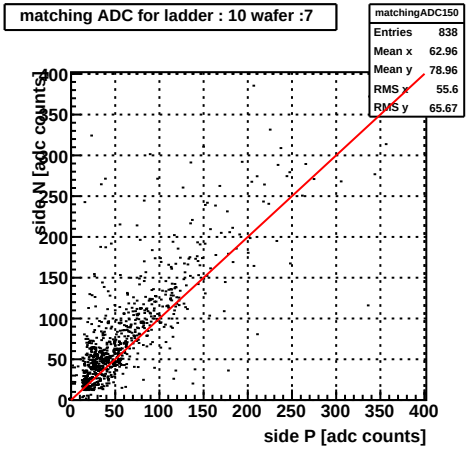

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 835
Mean x 58.85
Mean y 57.06
RMS x 53.16
RMS y 51.33
side N [adc counts]
side P [adc counts]

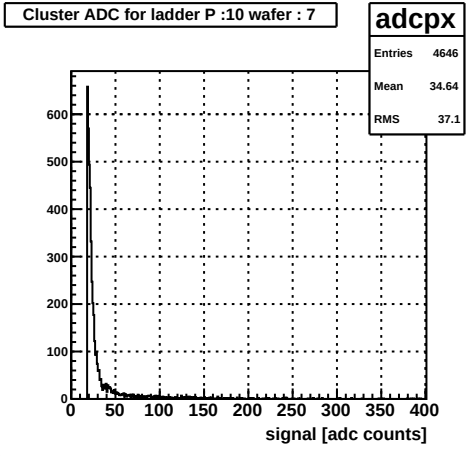

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 4667
Mean 33.95
RMS 33.86
signal [adc counts]

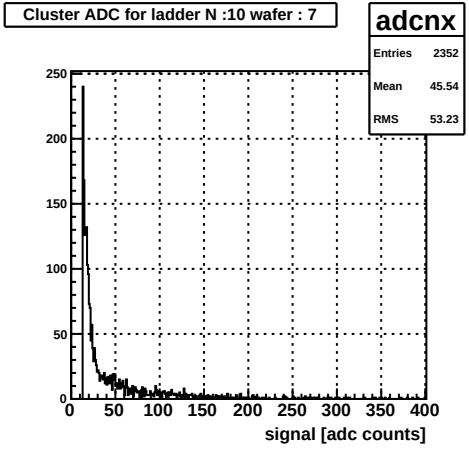

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 2544
Mean 40.25
RMS 44.88
signal [adc counts]

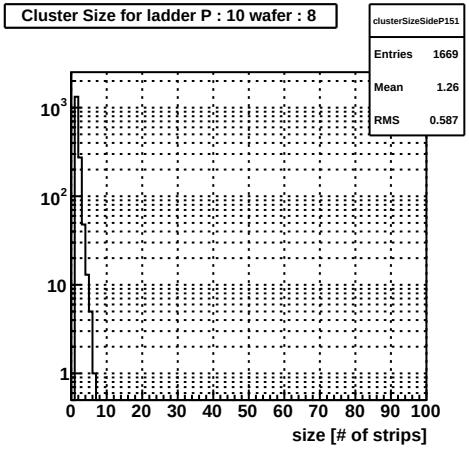

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 4646
Mean 1.113
RMS 0.3955
size [# of strips]

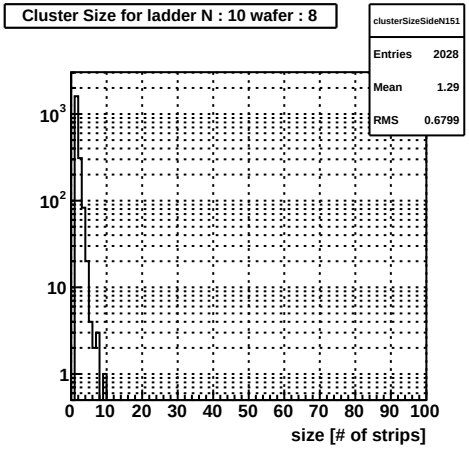

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 2352
Mean 1.272
RMS 0.6373
size [# of strips]

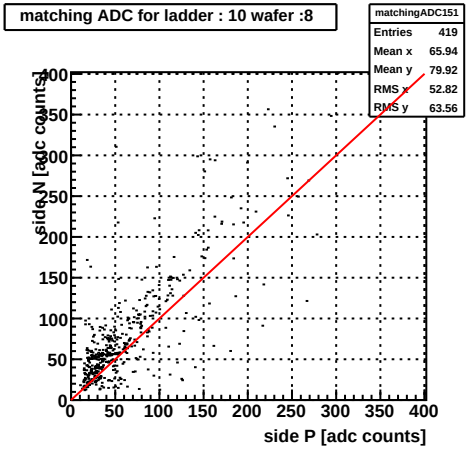

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 838
Mean x 62.96
Mean y 78.96
RMS x 55.6
RMS y 65.67
side N [adc counts]
side P [adc counts]

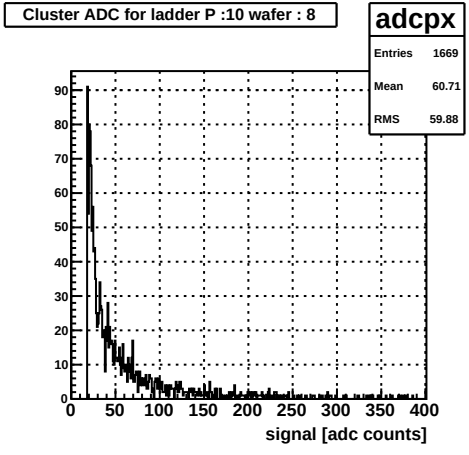

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 4646
Mean 34.64
RMS 37.1
signal [adc counts]

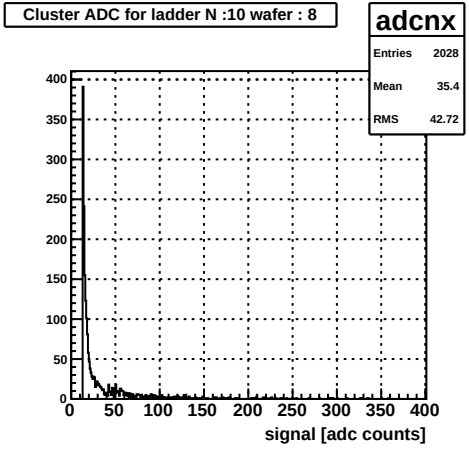

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 2352
Mean 45.54
RMS 53.23
signal [adc counts]

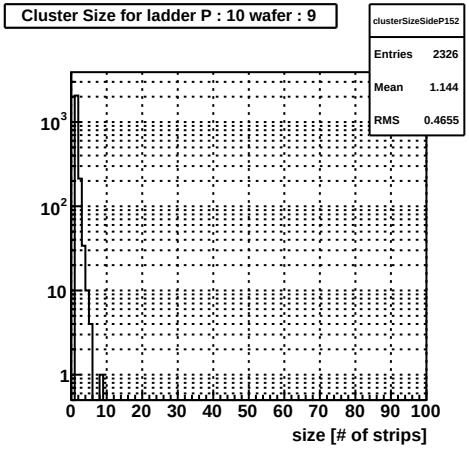

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 1669
Mean 1.26
RMS 0.587
size [# of strips]

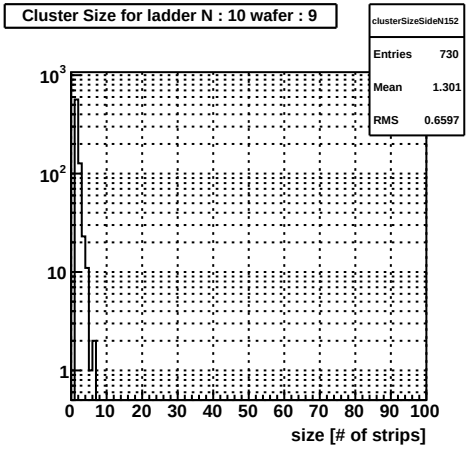

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 2028
Mean 1.29
RMS 0.6799
size [# of strips]

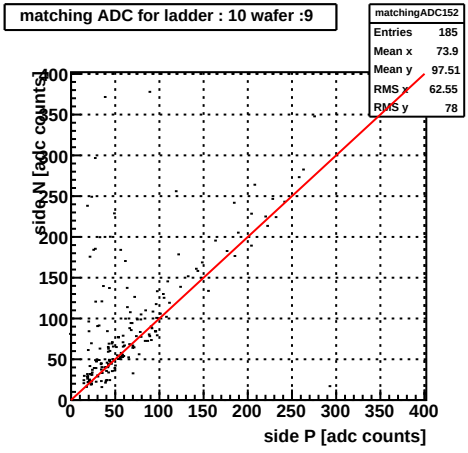

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 419
Mean x 65.94
Mean y 79.92
RMS x 52.82
RMS y 63.56
side N [adc counts]
side P [adc counts]

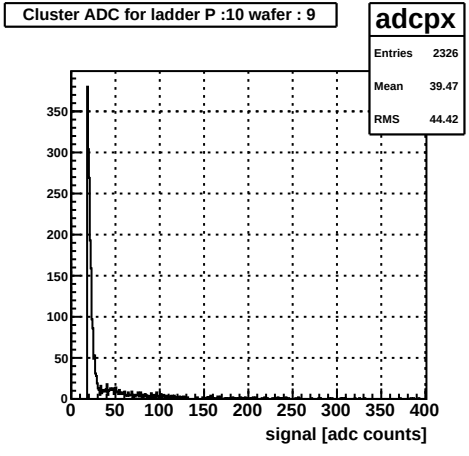

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 1669
Mean 60.71
RMS 59.88
signal [adc counts]

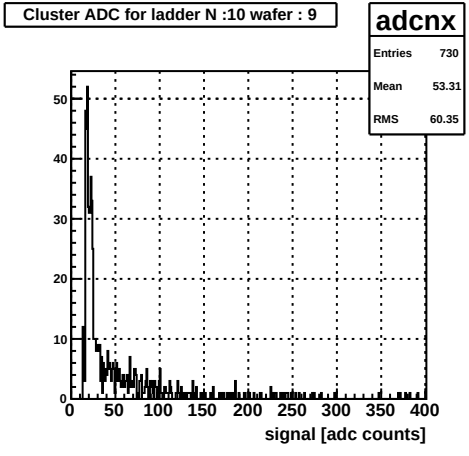

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 2028
Mean 35.4
RMS 42.72
signal [adc counts]

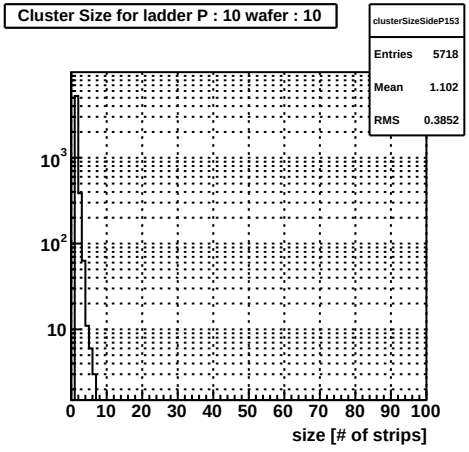

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 2326
Mean 1.144
RMS 0.4655
size [# of strips]

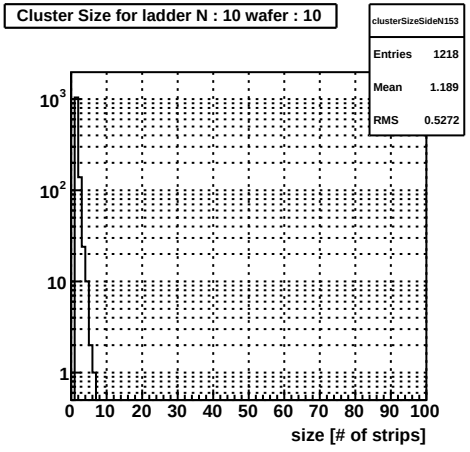

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 730
Mean 1.301
RMS 0.6597
size [# of strips]

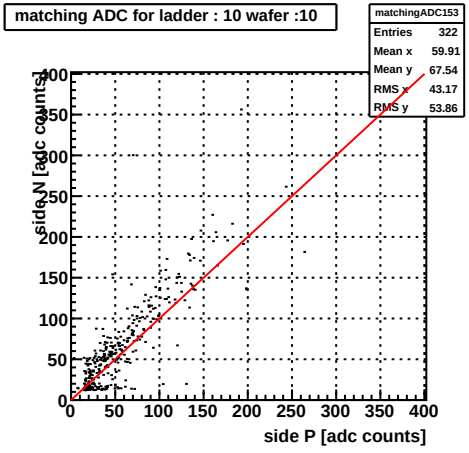

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 185
Mean x 73.9
Mean y 97.51
RMS x 62.55
RMS y 78
side N [adc counts]
side P [adc counts]

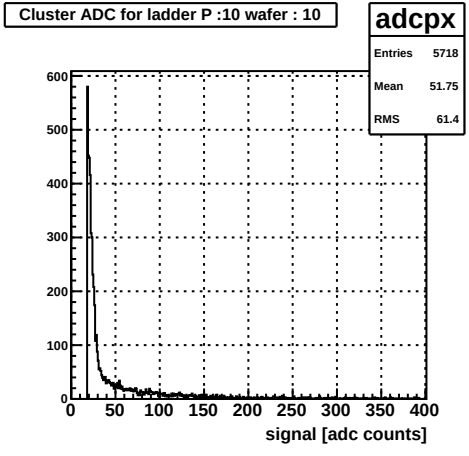

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 2326
Mean 39.47
RMS 44.42
signal [adc counts]

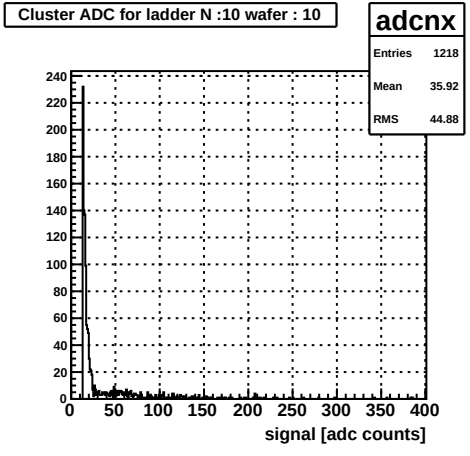

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 730
Mean 53.31
RMS 60.35
signal [adc counts]

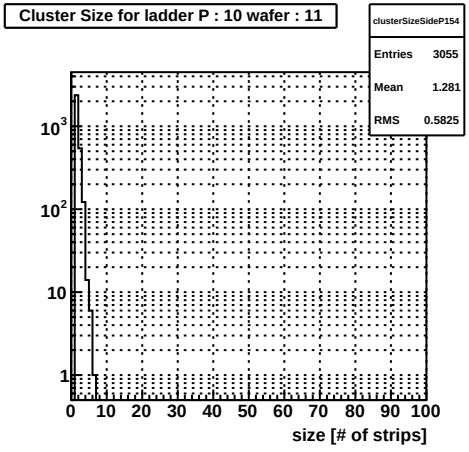

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 5718
Mean 1.102
RMS 0.3852
size [# of strips]

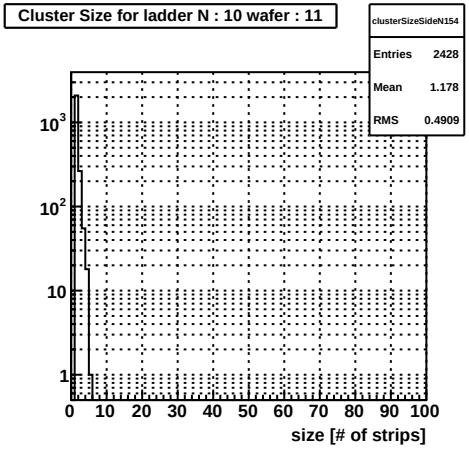

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 1218
Mean 1.189
RMS 0.5272
size [# of strips]

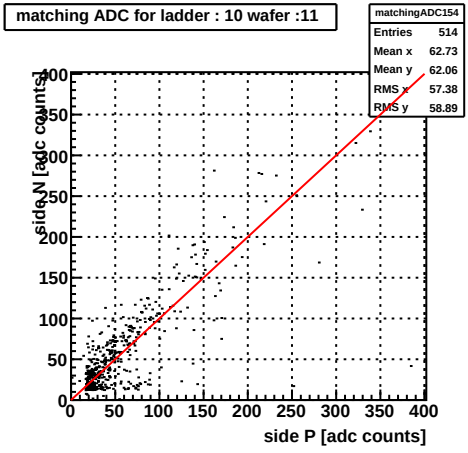

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 322
Mean x 59.91
Mean y 67.54
RMS x 43.17
RMS y 53.86
side N [adc counts]
side P [adc counts]

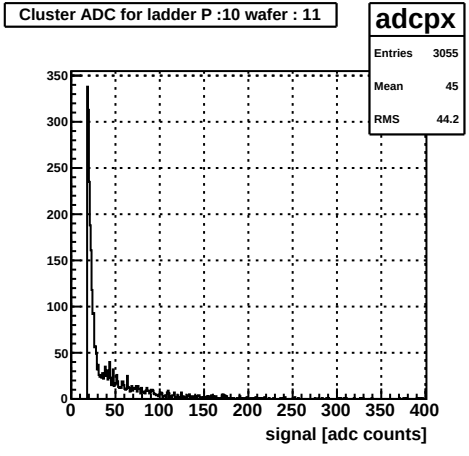

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 5718
Mean 51.75
RMS 61.4
signal [adc counts]

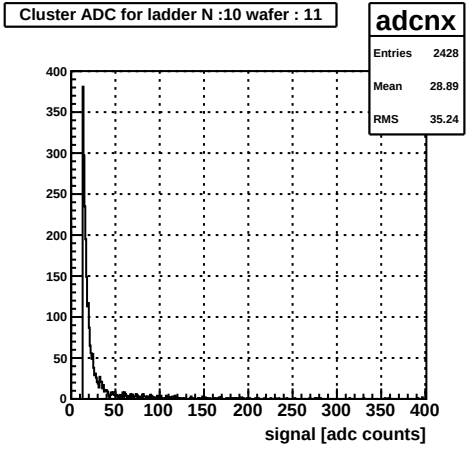

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 1218
Mean 35.92
RMS 44.88
signal [adc counts]

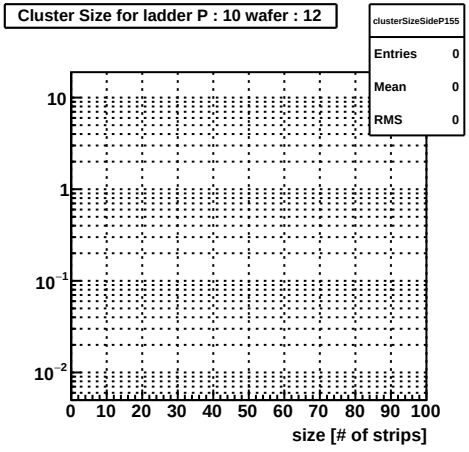

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 3055
Mean 1.281
RMS 0.5825
size [# of strips]

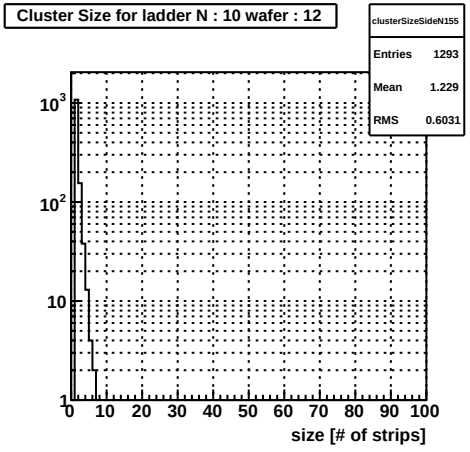

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 2428
Mean 1.178
RMS 0.4909
size [# of strips]

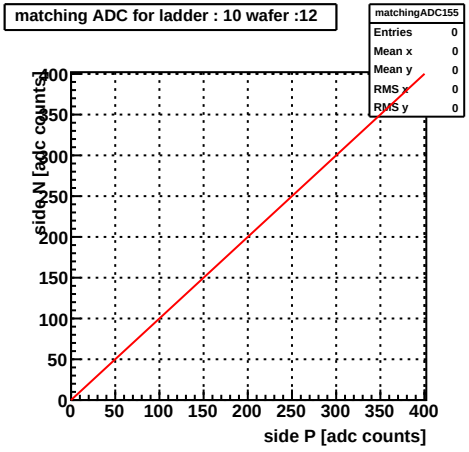

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 514
Mean x 62.73
Mean y 62.06
RMS x 57.38
RMS y 58.89
side N [adc counts]
side P [adc counts]

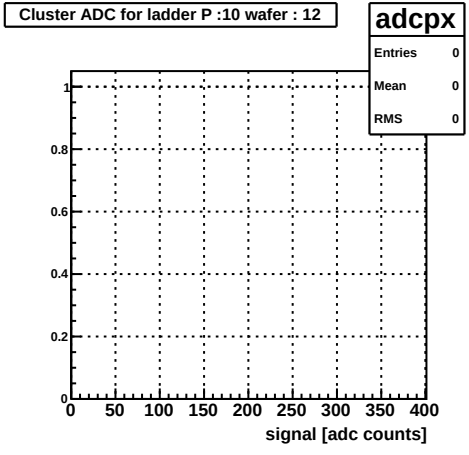

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 3055
Mean 45
RMS 44.2
signal [adc counts]

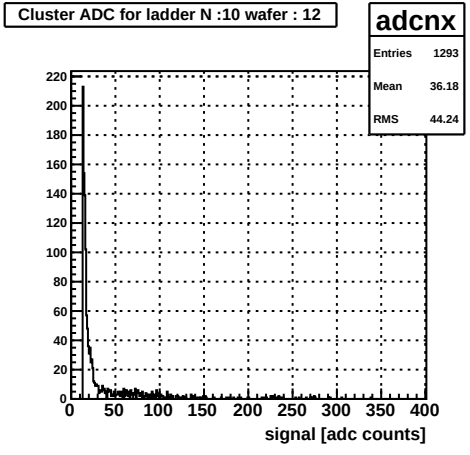

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 2428
Mean 28.89
RMS 35.24
signal [adc counts]

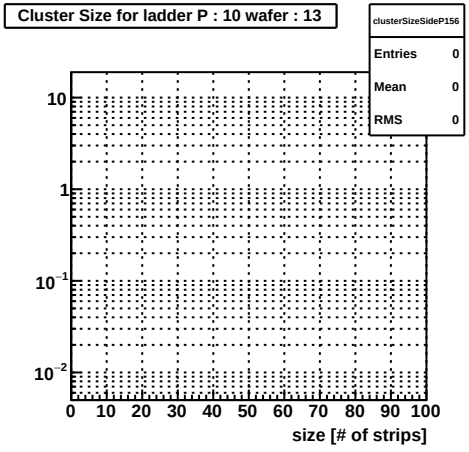

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

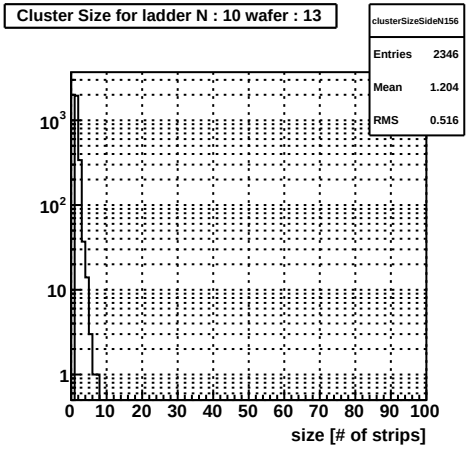

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 1293
Mean 1.229
RMS 0.6031
size [# of strips]

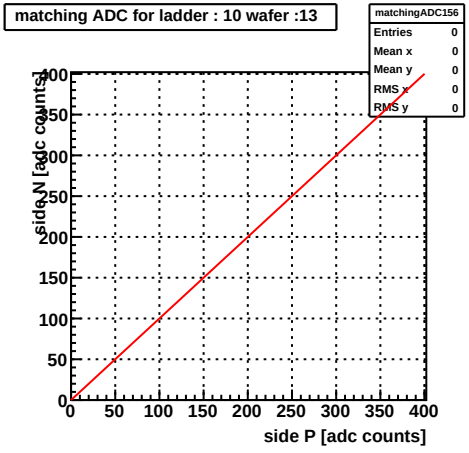

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

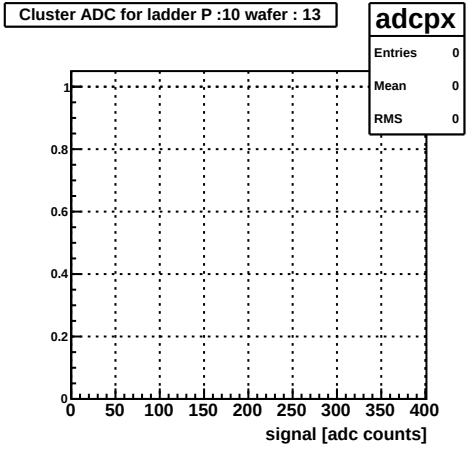

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

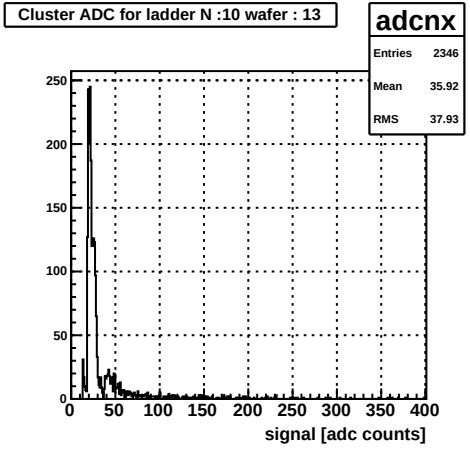

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 1293
Mean 36.18
RMS 44.24
signal [adc counts]

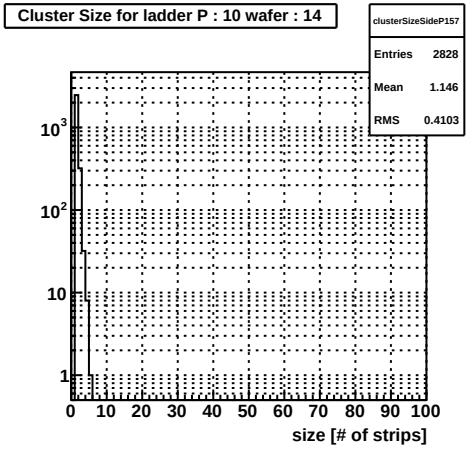

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

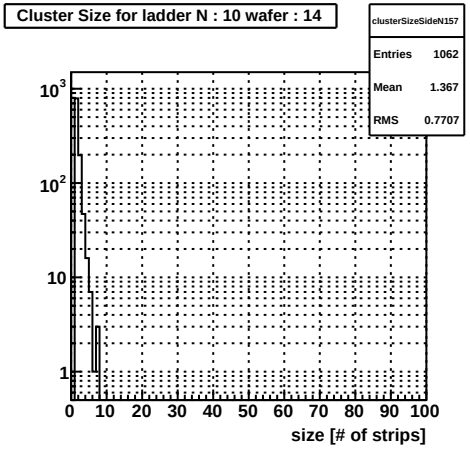

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 2346
Mean 1.204
RMS 0.516
size [# of strips]

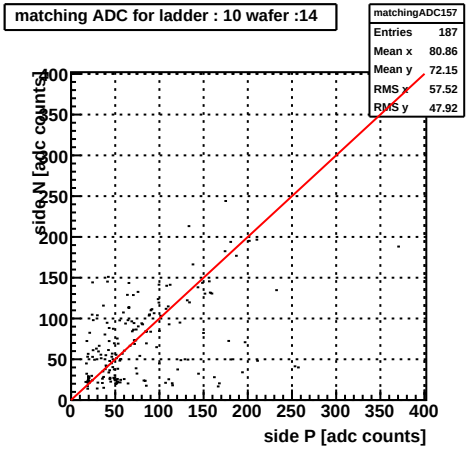

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

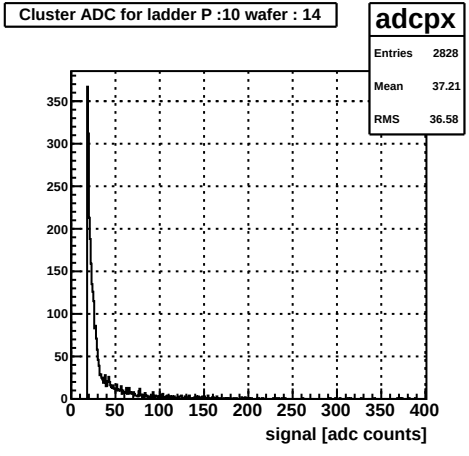

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

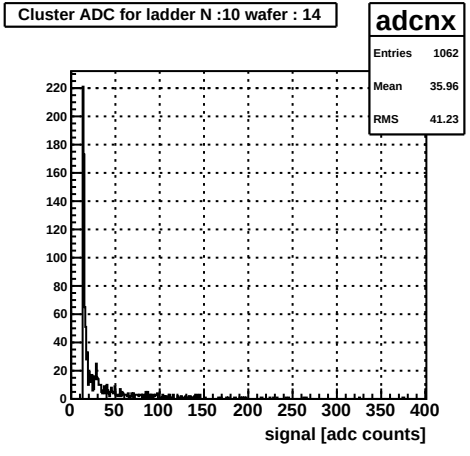

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 2346
Mean 35.92
RMS 37.93
signal [adc counts]

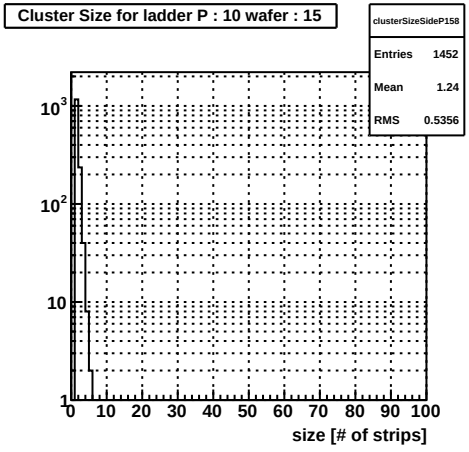

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 2828
Mean 1.146
RMS 0.4103
size [# of strips]

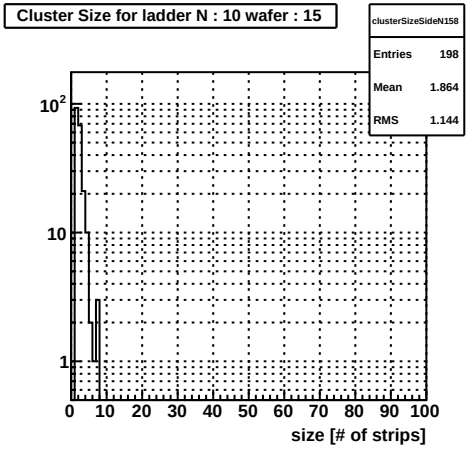

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 1062
Mean 1.367
RMS 0.7707
size [# of strips]

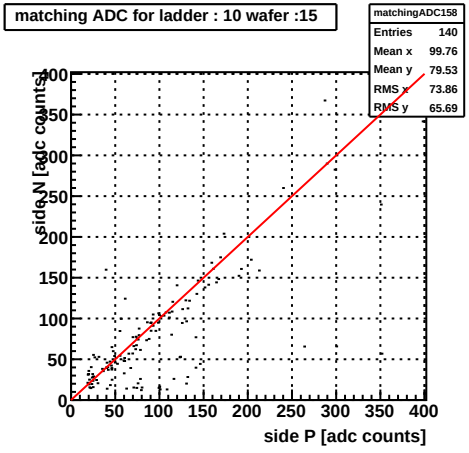

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 187
Mean x 80.86
Mean y 72.15
RMS x 57.52
RMS y 47.92
side N [adc counts]
side P [adc counts]

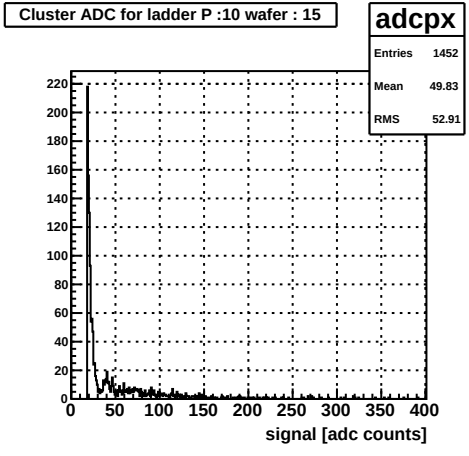

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 2828
Mean 37.21
RMS 36.58
signal [adc counts]

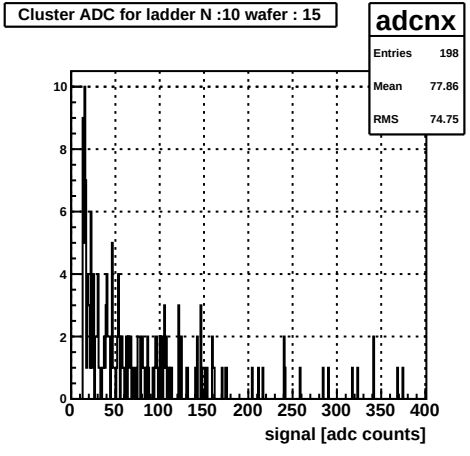

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 1062
Mean 35.96
RMS 41.23
signal [adc counts]

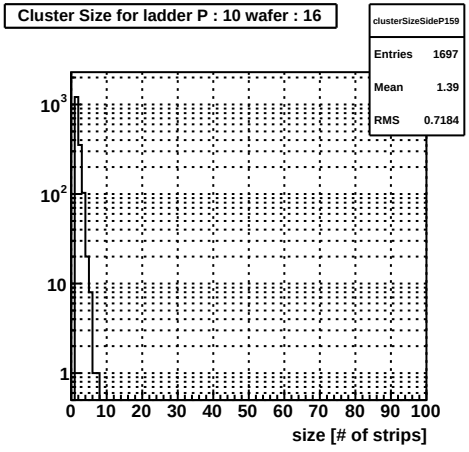

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 1452
Mean 1.24
RMS 0.5356
size [# of strips]

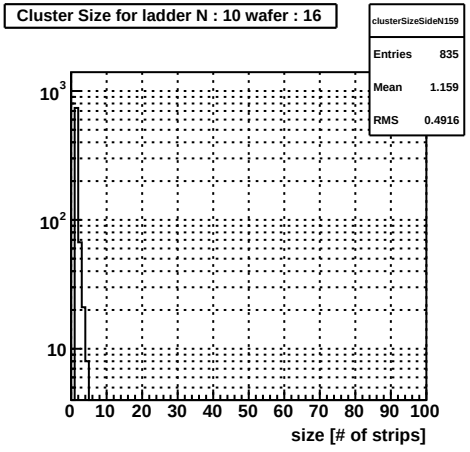

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 198
Mean 1.864
RMS 1.144
size [# of strips]

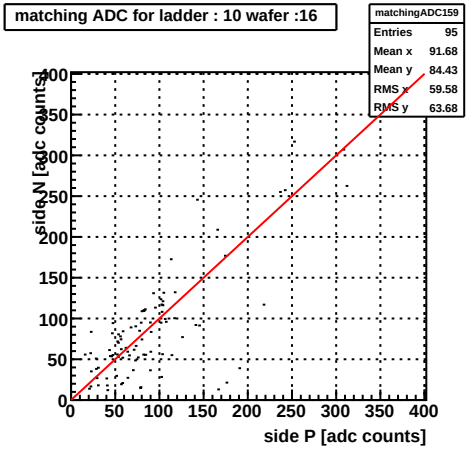

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 140
Mean x 99.76
Mean y 79.53
RMS x 73.86
RMS y 65.69
side N [adc counts]
side P [adc counts]

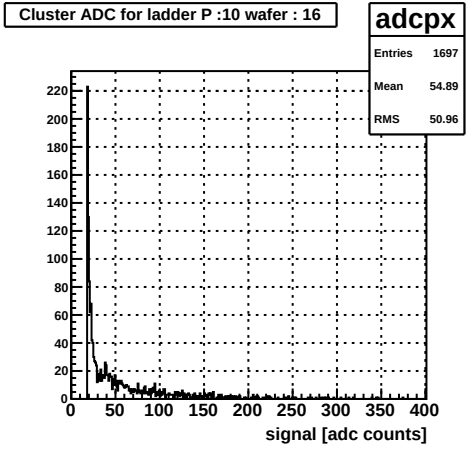

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 1452
Mean 49.83
RMS 52.91
signal [adc counts]

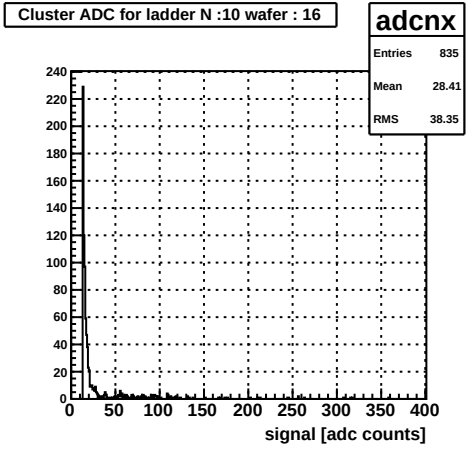

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 198
Mean 77.86
RMS 74.75
signal [adc counts]

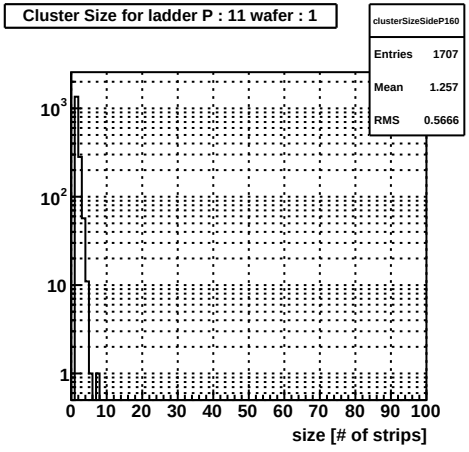

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 1697
Mean 1.39
RMS 0.7184
size [# of strips]

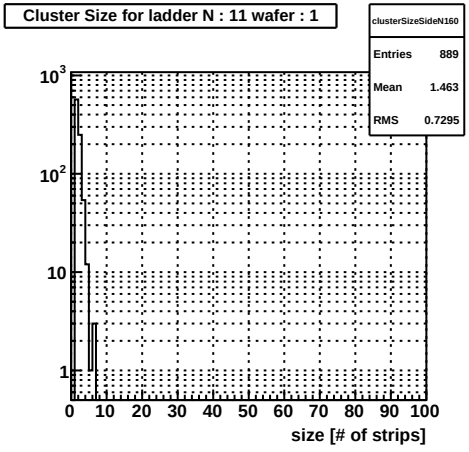

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 835
Mean 1.159
RMS 0.4916
size [# of strips]

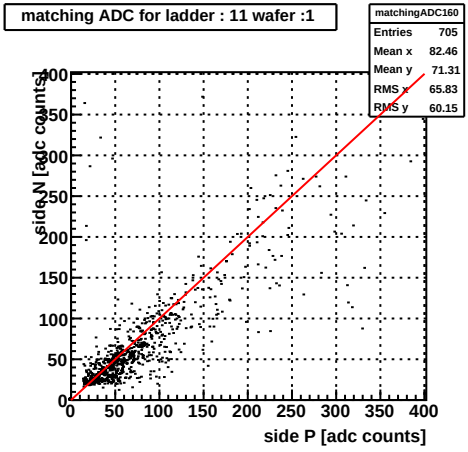

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 95
Mean x 91.68
Mean y 84.43
RMS x 59.58
RMS y 63.68
side N [adc counts]
side P [adc counts]

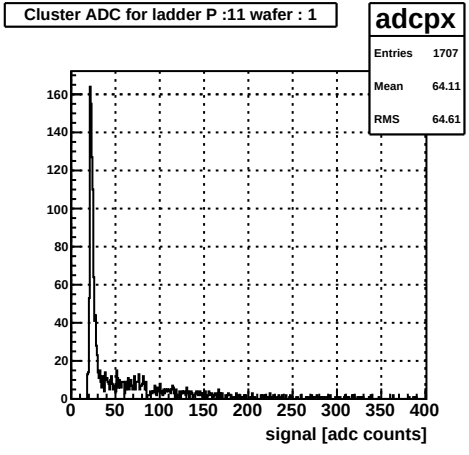

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 1697
Mean 54.89
RMS 50.96
signal [adc counts]

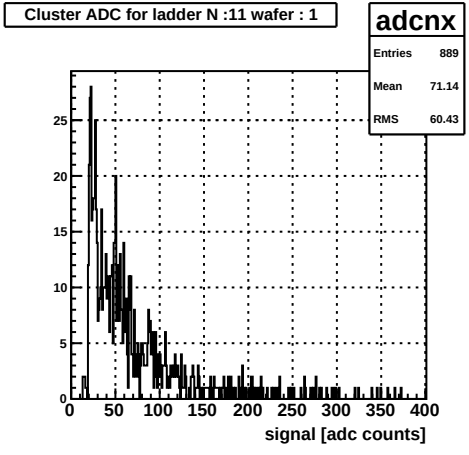

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 835
Mean 28.41
RMS 38.35
signal [adc counts]

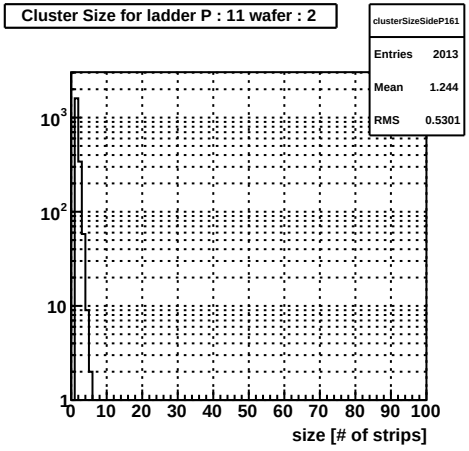

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 1707
Mean 1.257
RMS 0.5666
size [# of strips]

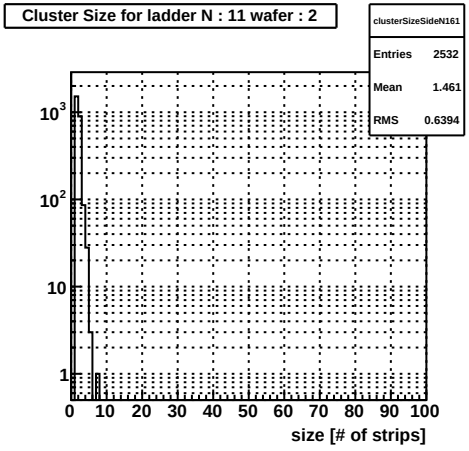

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 889
Mean 1.463
RMS 0.7295
size [# of strips]

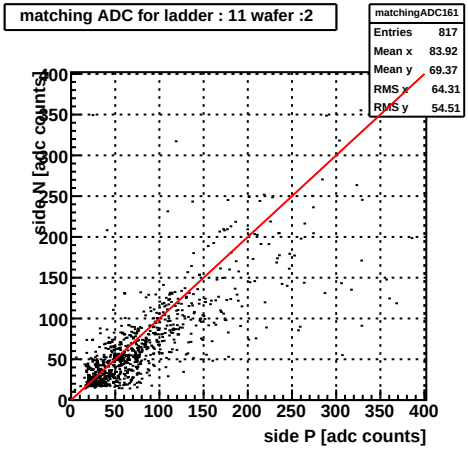

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 705
Mean x 82.46
Mean y 71.31
RMS x 65.83
RMS y 60.15
side N [adc counts]
side P [adc counts]

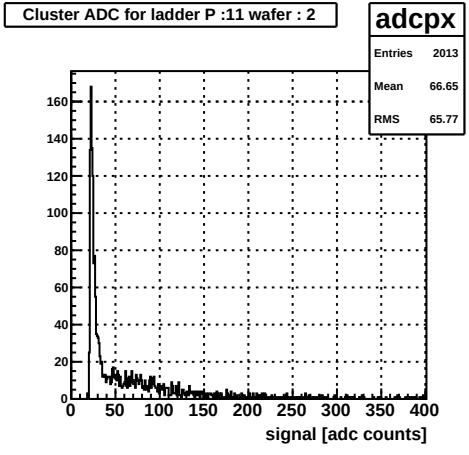

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 1707
Mean 64.11
RMS 64.61
signal [adc counts]

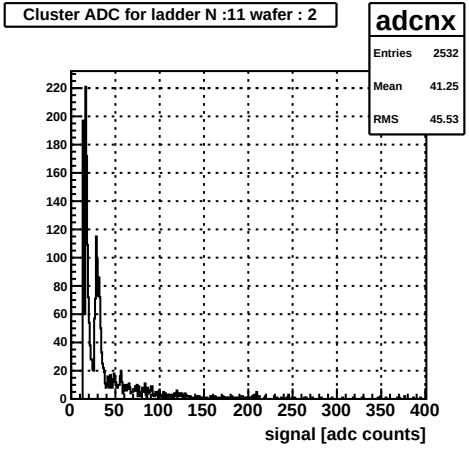

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 889
Mean 71.14
RMS 60.43
signal [adc counts]

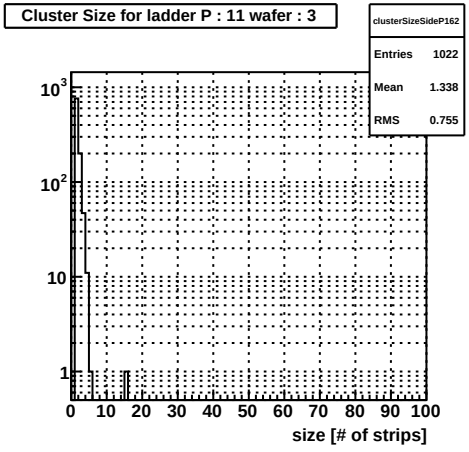

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 2013
Mean 1.244
RMS 0.5301
size [# of strips]

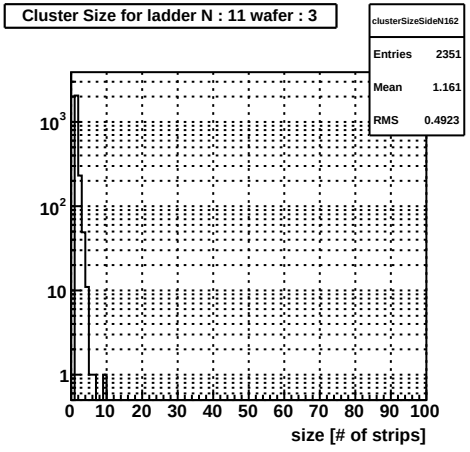

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 2532
Mean 1.461
RMS 0.6394
size [# of strips]

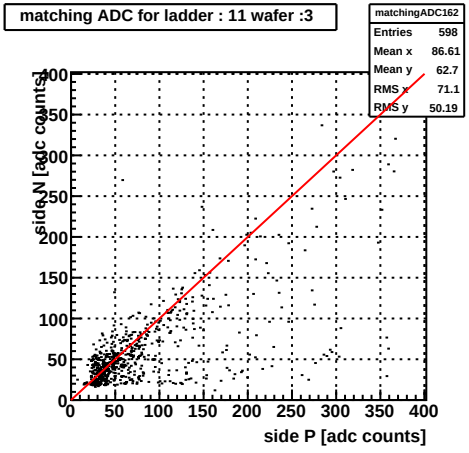

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 817
Mean x 83.92
Mean y 69.37
RMS x 64.31
RMS y 54.51
side N [adc counts]
side P [adc counts]

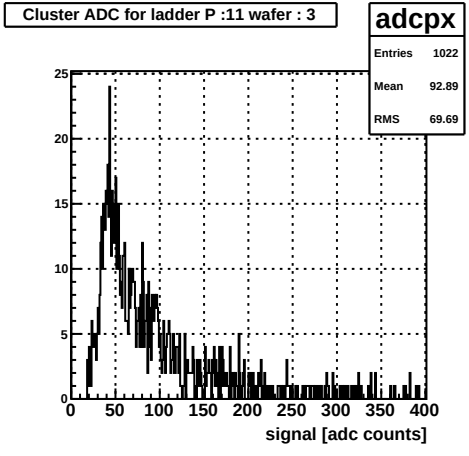

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 2013
Mean 66.65
RMS 65.77
signal [adc counts]

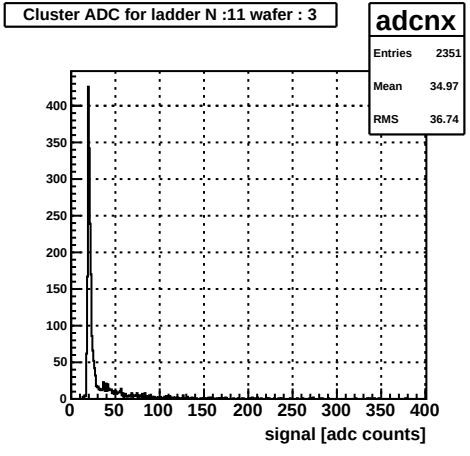

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 2532
Mean 41.25
RMS 45.53
signal [adc counts]

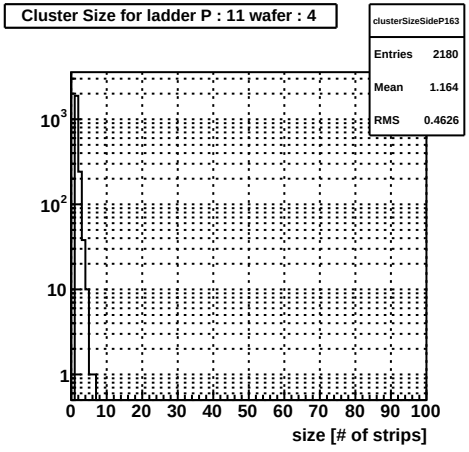

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 1022
Mean 1.338
RMS 0.755
size [# of strips]

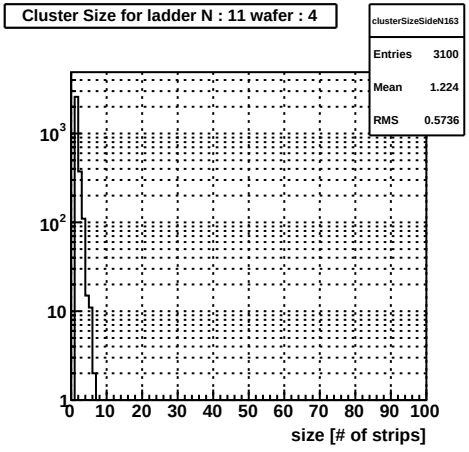

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 2351
Mean 1.161
RMS 0.4923
size [# of strips]

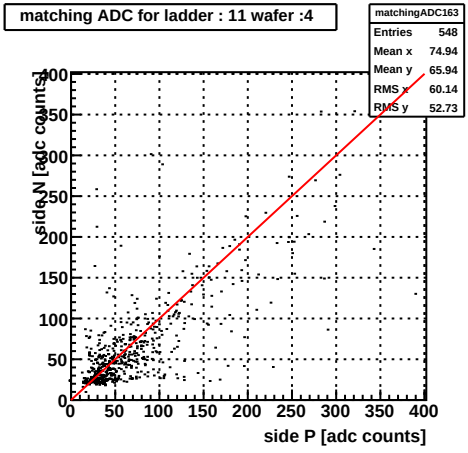

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 598
Mean x 86.61
Mean y 62.7
RMS x 71.1
RMS y 50.19
side N [adc counts]
side P [adc counts]

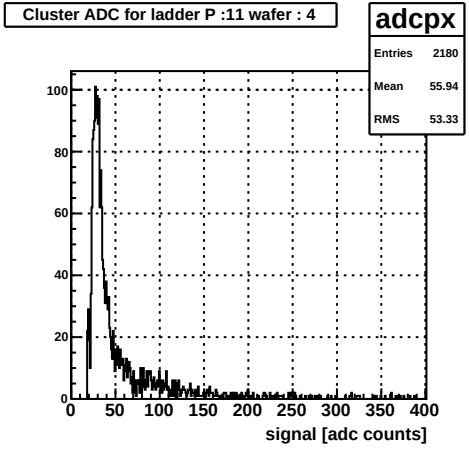

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 1022
Mean 92.89
RMS 69.69
signal [adc counts]

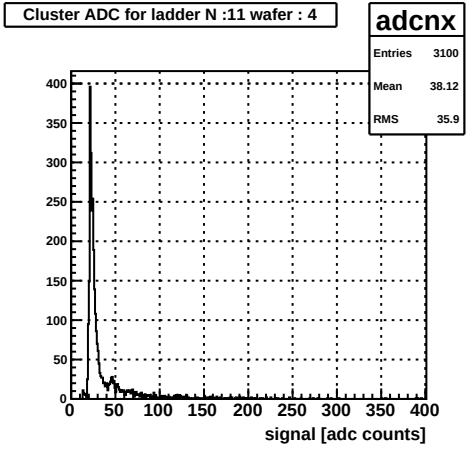

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 2351
Mean 34.97
RMS 36.74
signal [adc counts]

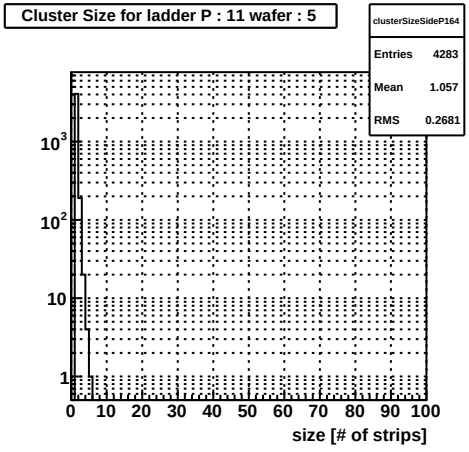

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 2180
Mean 1.164
RMS 0.4626
size [# of strips]

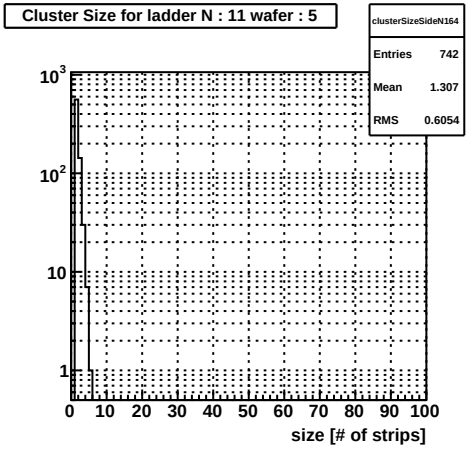

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 3100
Mean 1.224
RMS 0.5736
size [# of strips]

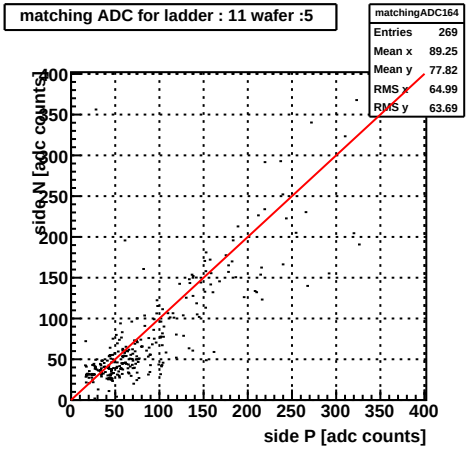

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 548
Mean x 74.94
Mean y 65.94
RMS x 60.14
RMS y 52.73
side N [adc counts]
side P [adc counts]

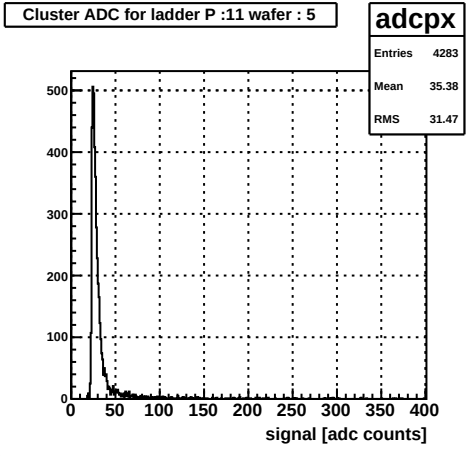

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 2180
Mean 55.94
RMS 53.33
signal [adc counts]

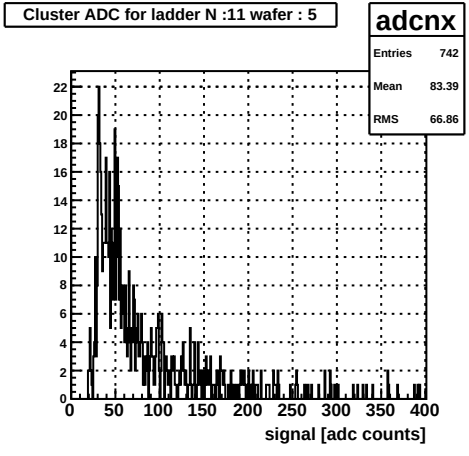

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 3100
Mean 38.12
RMS 35.9
signal [adc counts]

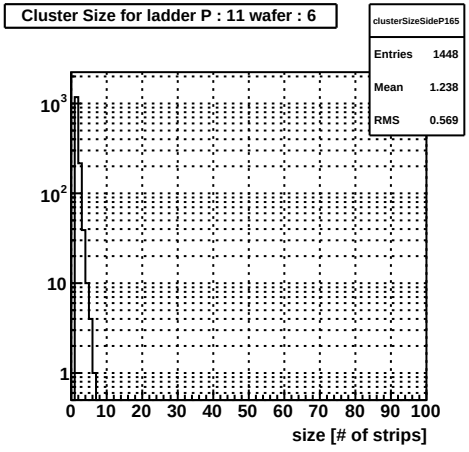

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 4283
Mean 1.057
RMS 0.2681
size [# of strips]

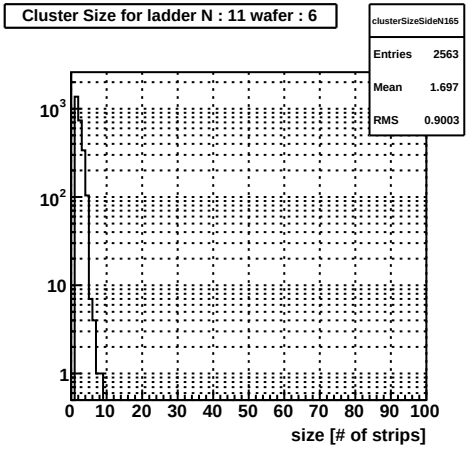

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 742
Mean 1.307
RMS 0.6054
size [# of strips]

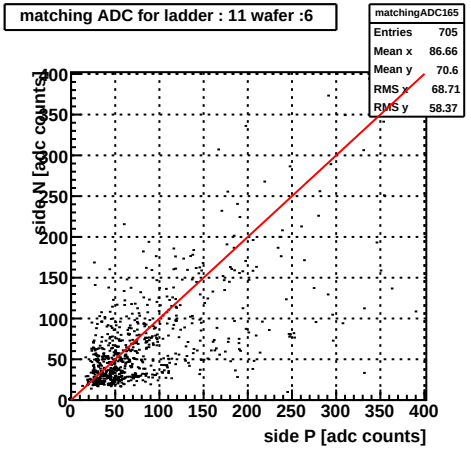

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 269
Mean x 89.25
Mean y 77.82
RMS x 64.99
RMS y 63.69
side N [adc counts]
side P [adc counts]

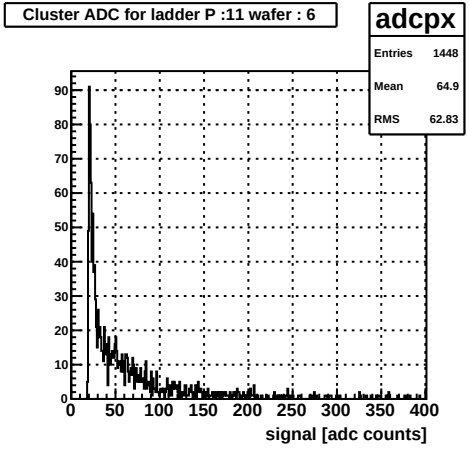

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 4283
Mean 35.38
RMS 31.47
signal [adc counts]

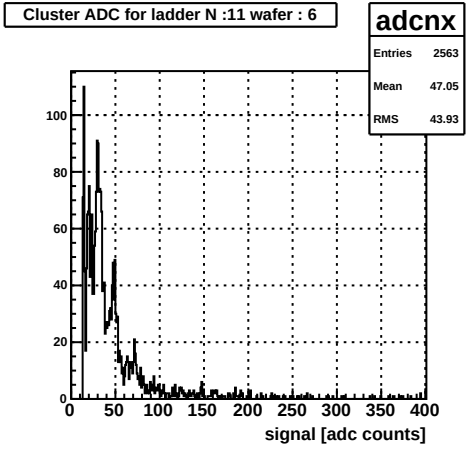

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 742
Mean 83.39
RMS 66.86
signal [adc counts]

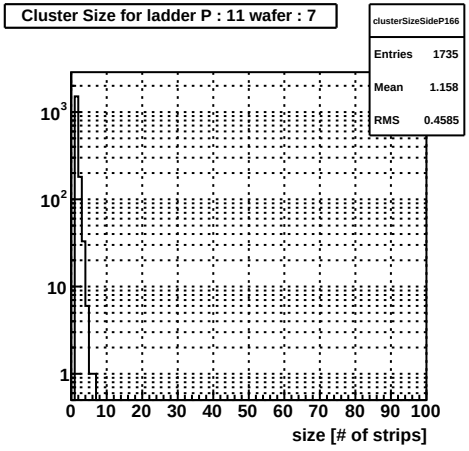

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 1448
Mean 1.238
RMS 0.569
size [# of strips]

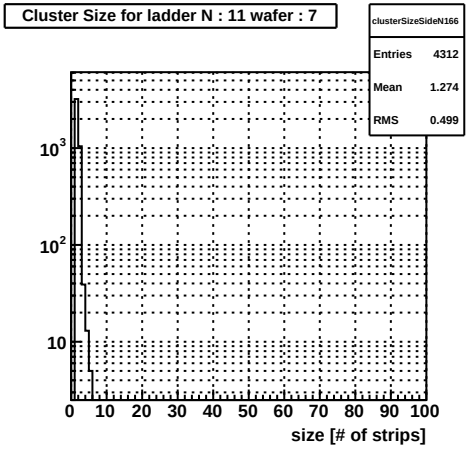

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 2563
Mean 1.697
RMS 0.9003
size [# of strips]

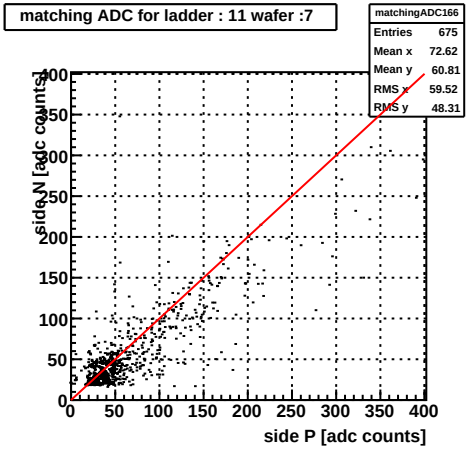

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 705
Mean x 86.66
Mean y 70.6
RMS x 68.71
RMS y 58.37
side N [adc counts]
side P [adc counts]

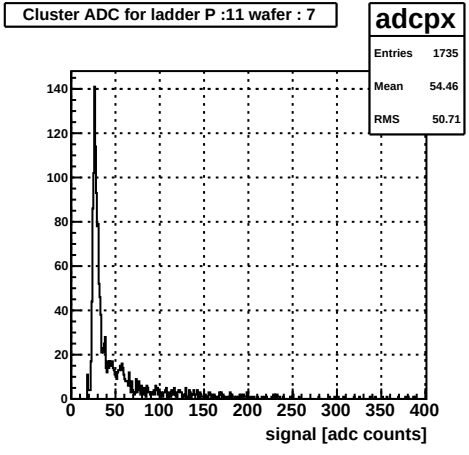

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 1448
Mean 64.9
RMS 62.83
signal [adc counts]

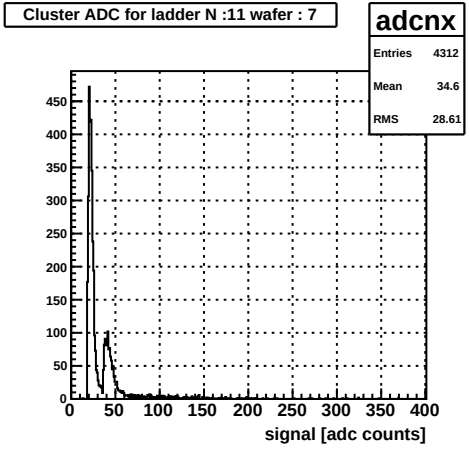

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 2563
Mean 47.05
RMS 43.93
signal [adc counts]

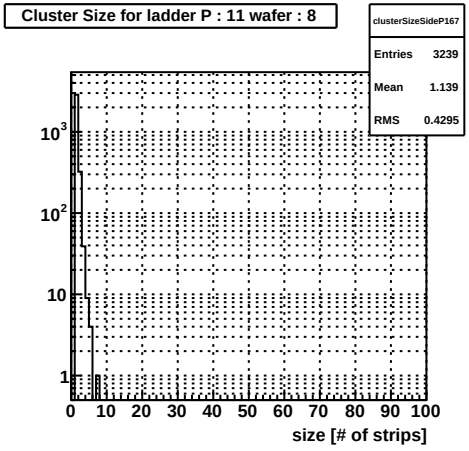

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 1735
Mean 1.158
RMS 0.4585
size [# of strips]

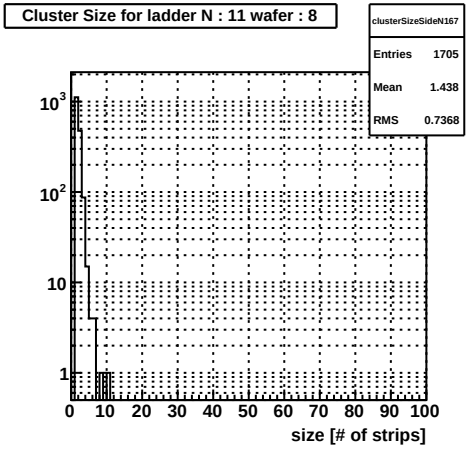

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 4312
Mean 1.274
RMS 0.499
size [# of strips]

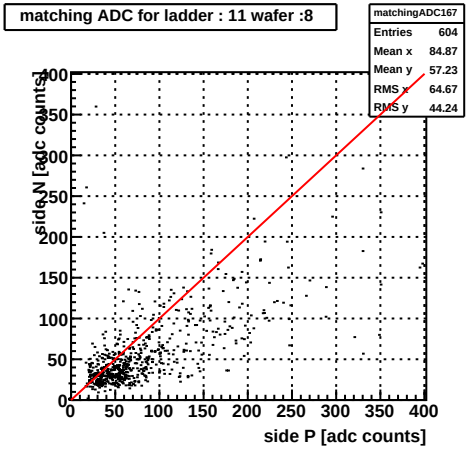

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 675
Mean x 72.62
Mean y 60.81
RMS x 59.52
RMS y 48.31
side N [adc counts]
side P [adc counts]

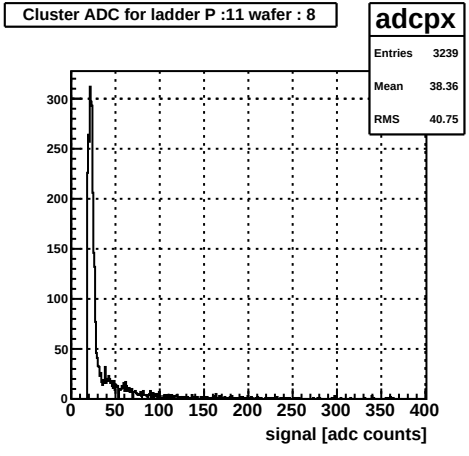

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 1735
Mean 54.46
RMS 50.71
signal [adc counts]

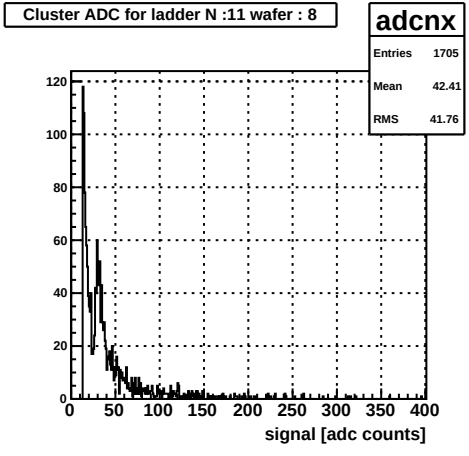

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 4312
Mean 34.6
RMS 28.61
signal [adc counts]

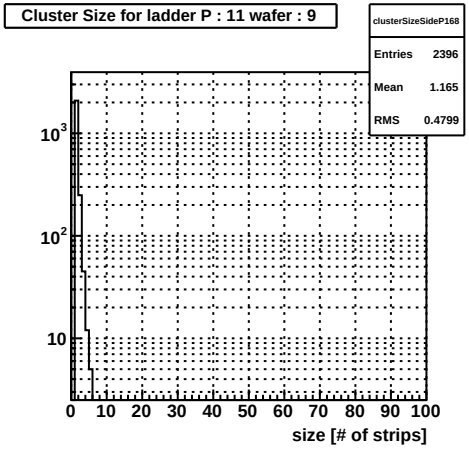

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 3239
Mean 1.139
RMS 0.4295
size [# of strips]

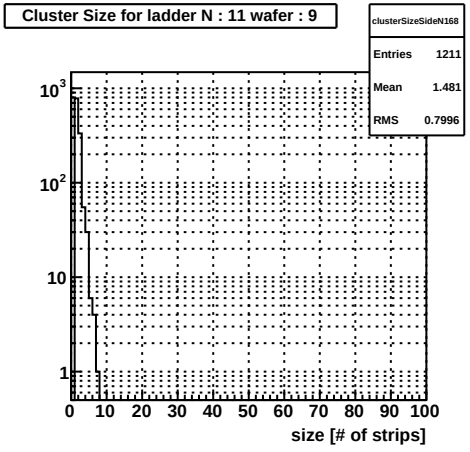

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 1705
Mean 1.438
RMS 0.7368
size [# of strips]

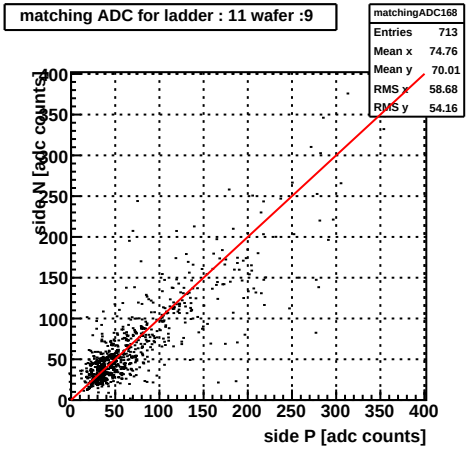

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 604
Mean x 84.87
Mean y 57.23
RMS x 64.67
RMS y 44.24
side N [adc counts]
side P [adc counts]

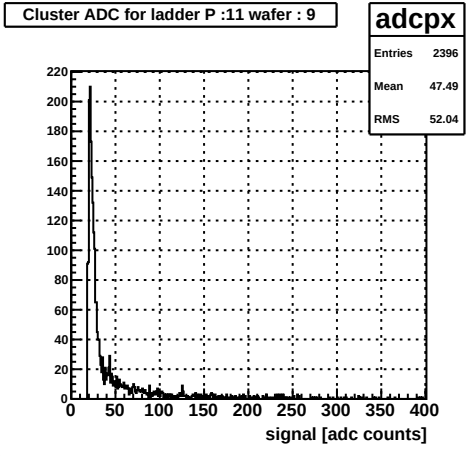

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 3239
Mean 38.36
RMS 40.75
signal [adc counts]

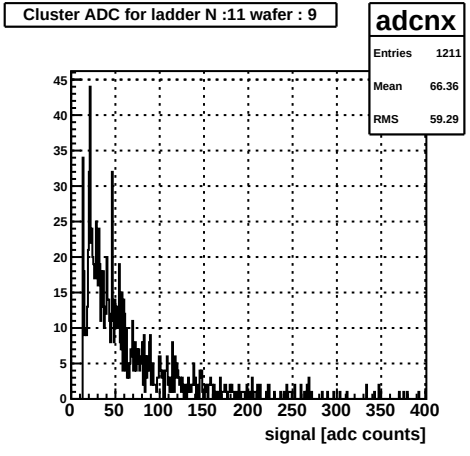

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 1705
Mean 42.41
RMS 41.76
signal [adc counts]

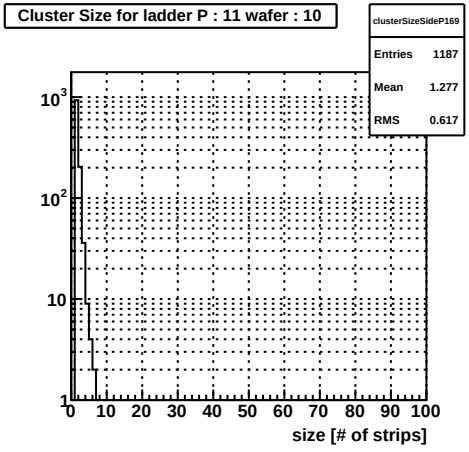

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 2396
Mean 1.165
RMS 0.4799
size [# of strips]

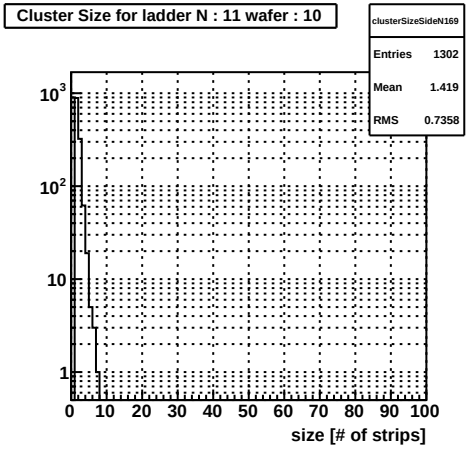

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 1211
Mean 1.481
RMS 0.7996
size [# of strips]

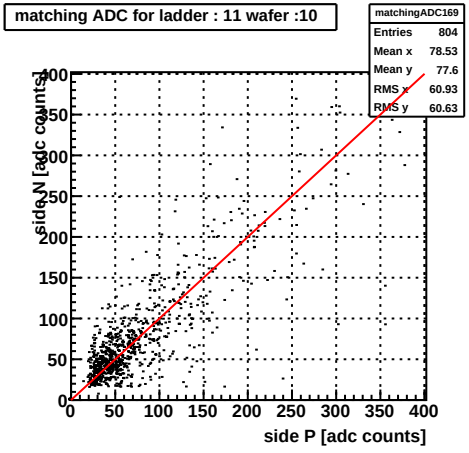

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 713
Mean x 74.76
Mean y 70.01
RMS x 58.68
RMS y 54.16
side N [adc counts]
side P [adc counts]

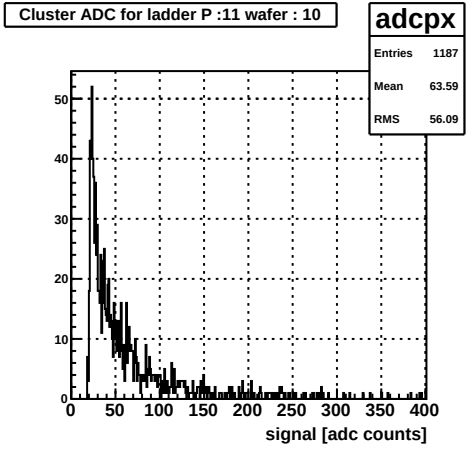

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 2396
Mean 47.49
RMS 52.04
signal [adc counts]

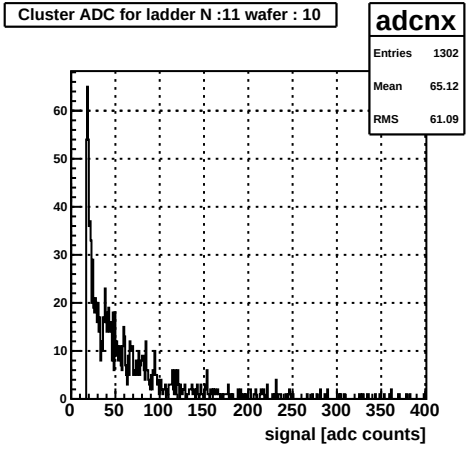

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 1211
Mean 66.36
RMS 59.29
signal [adc counts]

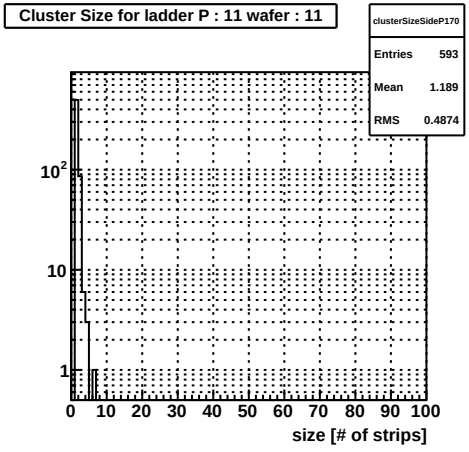

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 1187
Mean 1.277
RMS 0.617
size [# of strips]

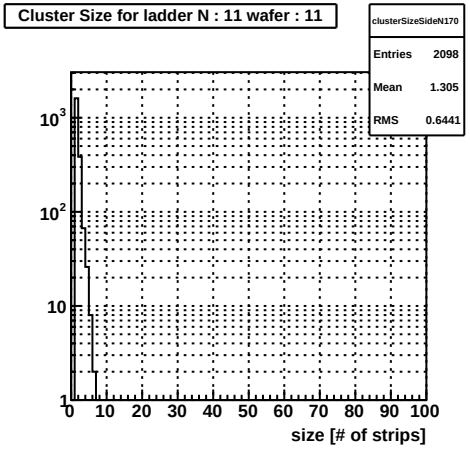

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 1302
Mean 1.419
RMS 0.7358
size [# of strips]

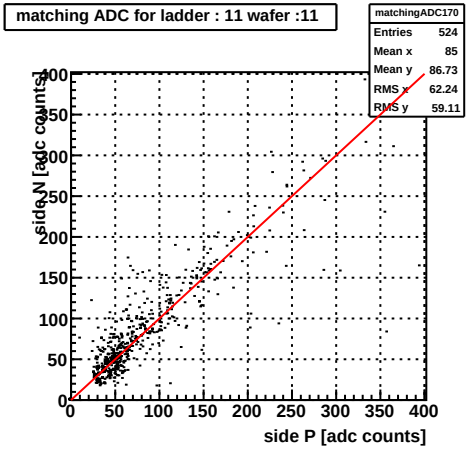

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 804
Mean x 78.53
Mean y 77.6
RMS x 60.93
RMS y 60.63
side N [adc counts]
side P [adc counts]

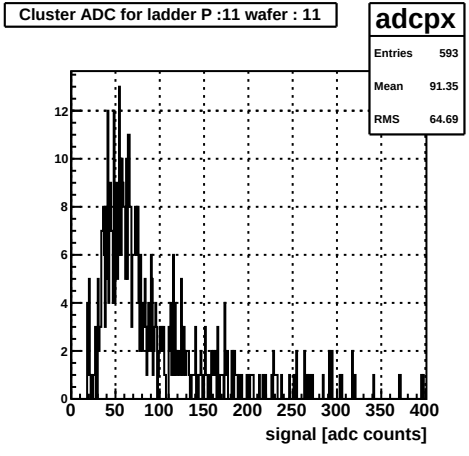

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 1187
Mean 63.59
RMS 56.09
signal [adc counts]

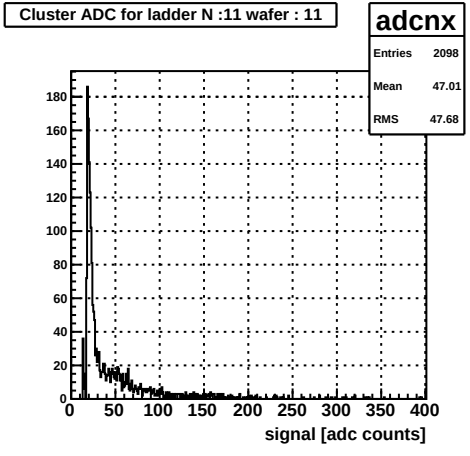

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 1302
Mean 65.12
RMS 61.09
signal [adc counts]

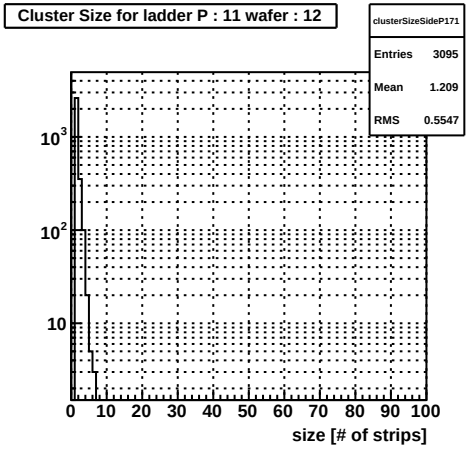

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 593
Mean 1.189
RMS 0.4874
size [# of strips]

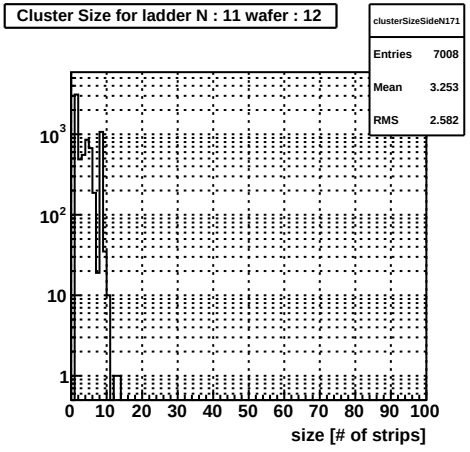

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 2098
Mean 1.305
RMS 0.6441
size [# of strips]

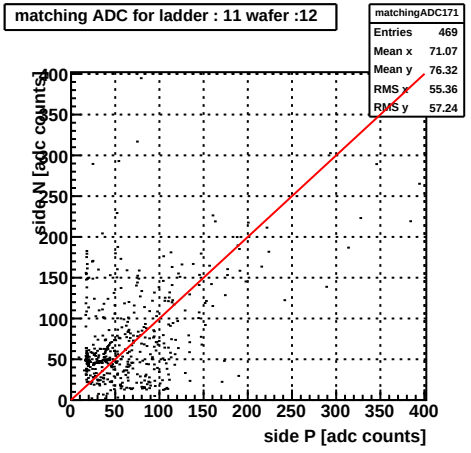

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 524
Mean x 85
Mean y 86.73
RMS x 62.24
RMS y 59.11
side N [adc counts]
side P [adc counts]

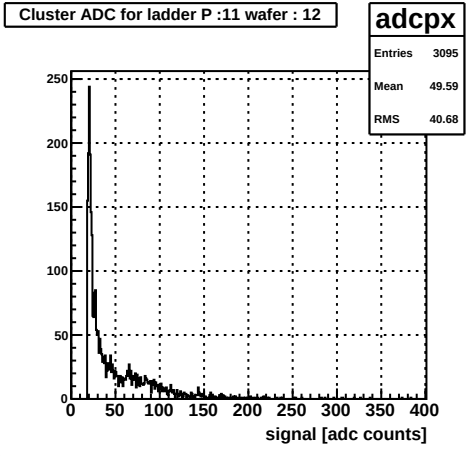

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 593
Mean 91.35
RMS 64.69
signal [adc counts]

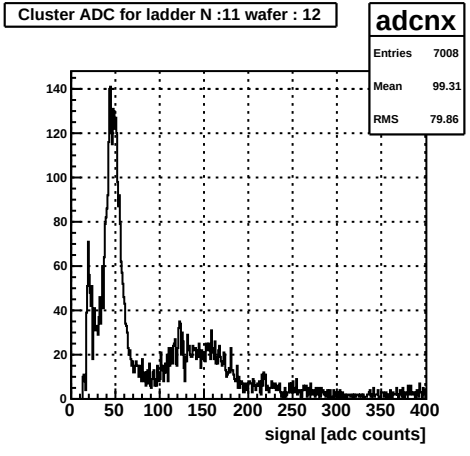

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 2098
Mean 47.01
RMS 47.68
signal [adc counts]

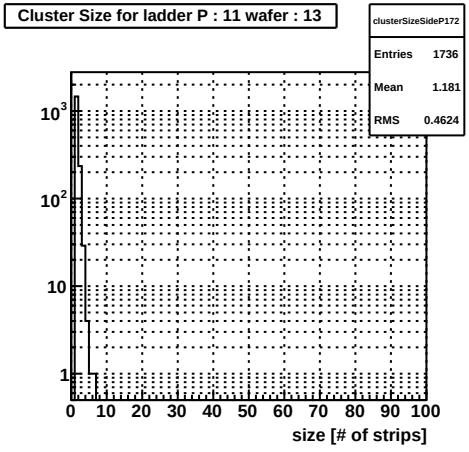

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 3095
Mean 1.209
RMS 0.5547
size [# of strips]

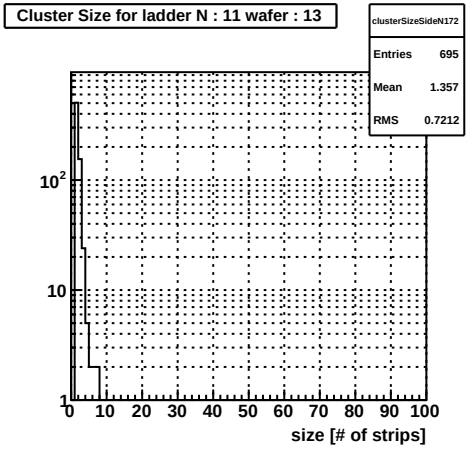

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 7008
Mean 3.253
RMS 2.582
size [# of strips]

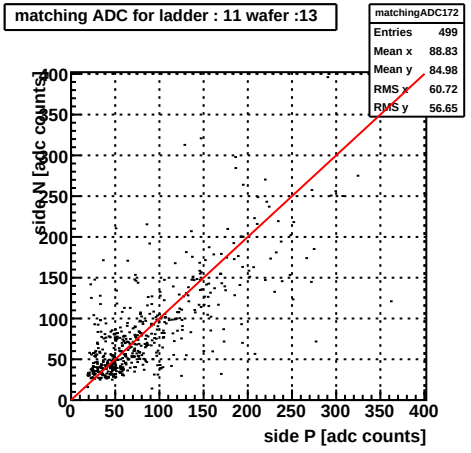

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 469
Mean x 71.07
Mean y 76.32
RMS x 55.36
RMS y 57.24
side N [adc counts]
side P [adc counts]

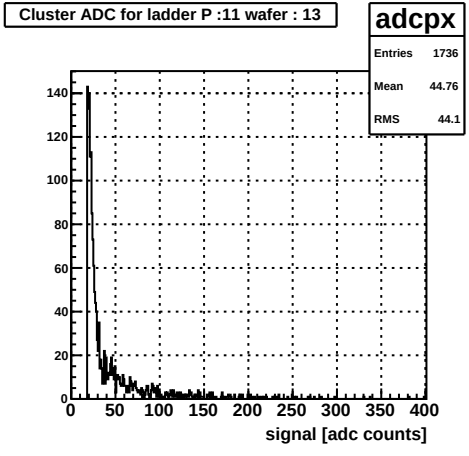

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 3095
Mean 49.59
RMS 40.68
signal [adc counts]

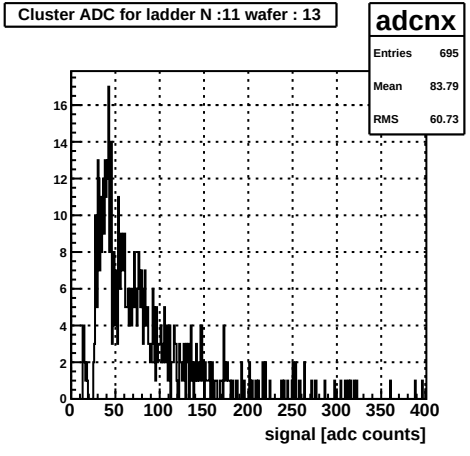

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 7008
Mean 99.31
RMS 79.86
signal [adc counts]

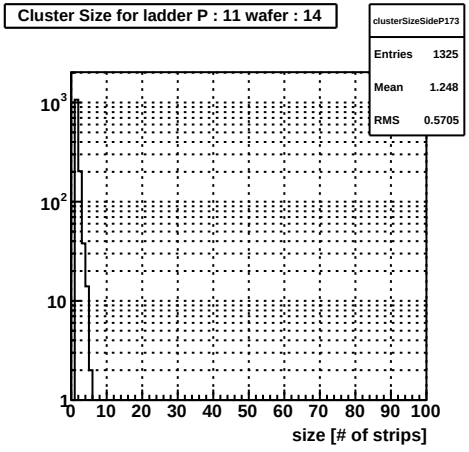

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 1736
Mean 1.181
RMS 0.4624
size [# of strips]

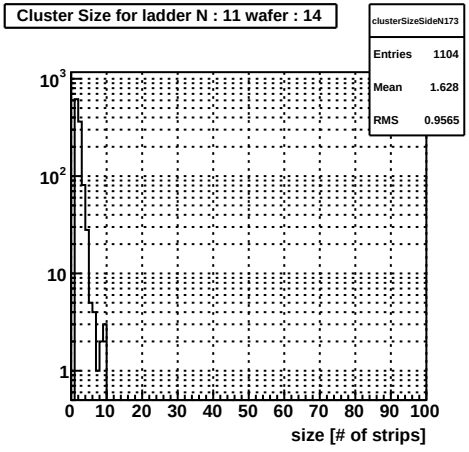

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 695
Mean 1.357
RMS 0.7212
size [# of strips]

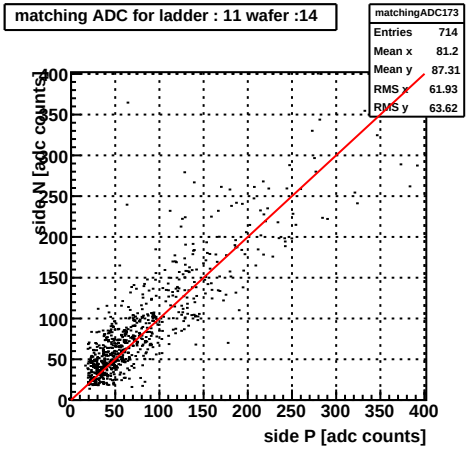

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 499
Mean x 88.83
Mean y 84.98
RMS x 60.72
RMS y 56.65
side N [adc counts]
side P [adc counts]

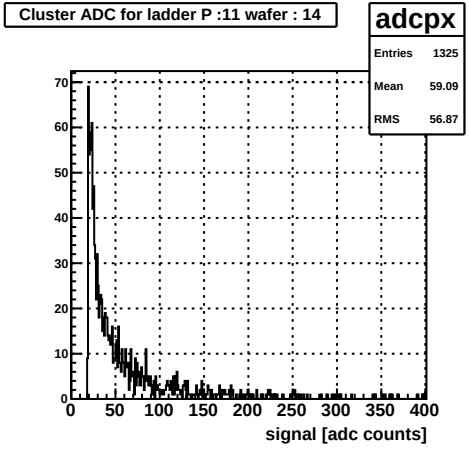

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 1736
Mean 44.76
RMS 44.1
signal [adc counts]

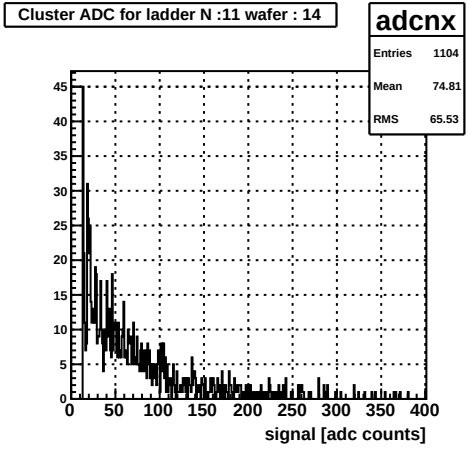

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 695
Mean 83.79
RMS 60.73
signal [adc counts]

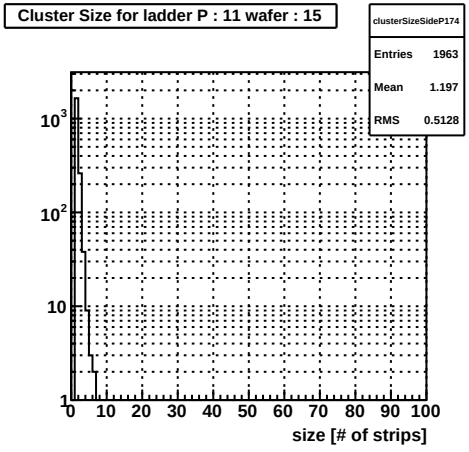

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 1325
Mean 1.248
RMS 0.5705
size [# of strips]

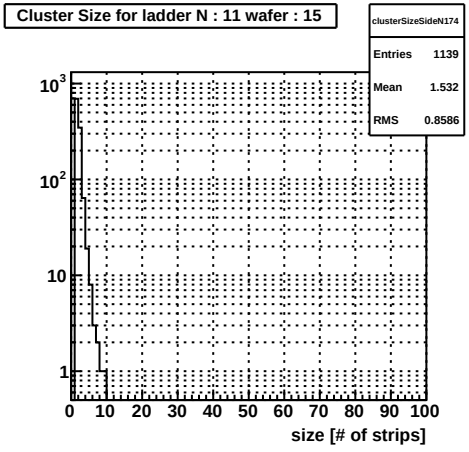

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 1104
Mean 1.628
RMS 0.9565
size [# of strips]

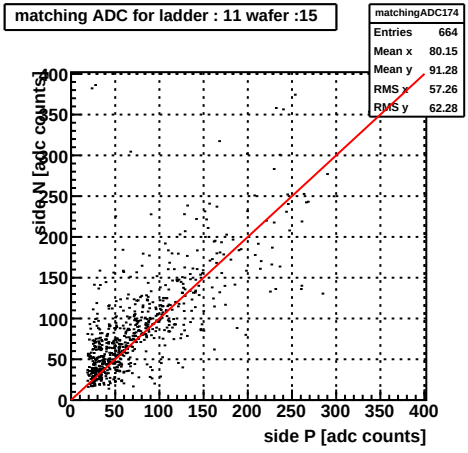

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 714
Mean x 81.2
Mean y 87.31
RMS x 61.93
RMS y 63.62
side N [adc counts]
side P [adc counts]

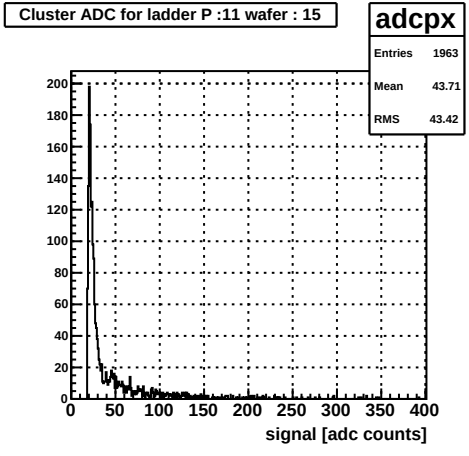

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 1325
Mean 59.09
RMS 56.87
signal [adc counts]

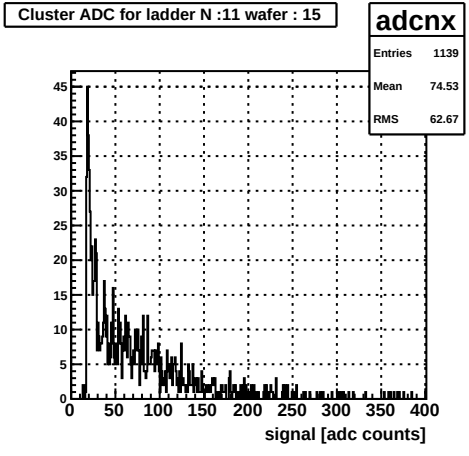

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 1104
Mean 74.81
RMS 65.53
signal [adc counts]

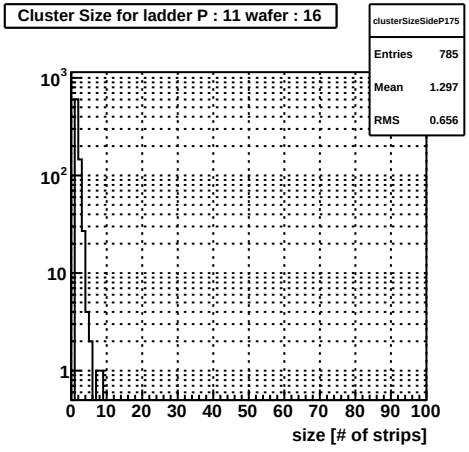

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 1963
Mean 1.197
RMS 0.5128
size [# of strips]

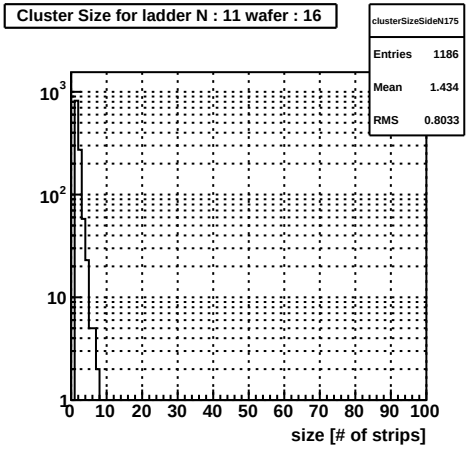

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 1139
Mean 1.532
RMS 0.8586
size [# of strips]

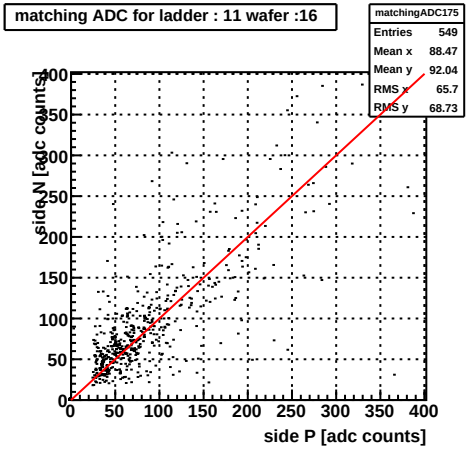

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 664
Mean x 80.15
Mean y 91.28
RMS x 57.26
RMS y 62.28
side N [adc counts]
side P [adc counts]

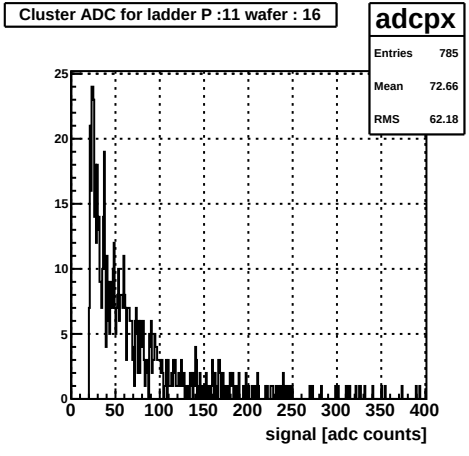

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 1963
Mean 43.71
RMS 43.42
signal [adc counts]

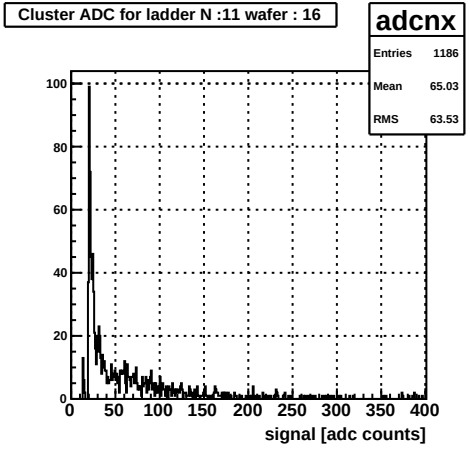

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 1139
Mean 74.53
RMS 62.67
signal [adc counts]

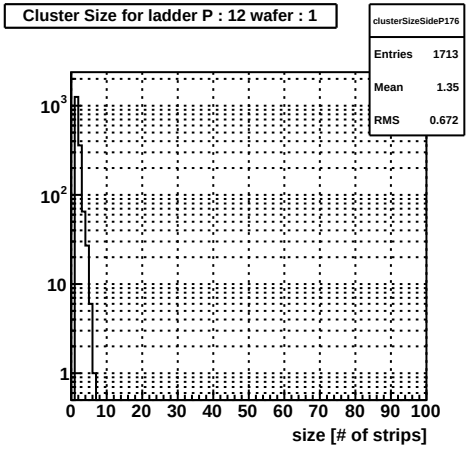

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 785
Mean 1.297
RMS 0.656
size [# of strips]

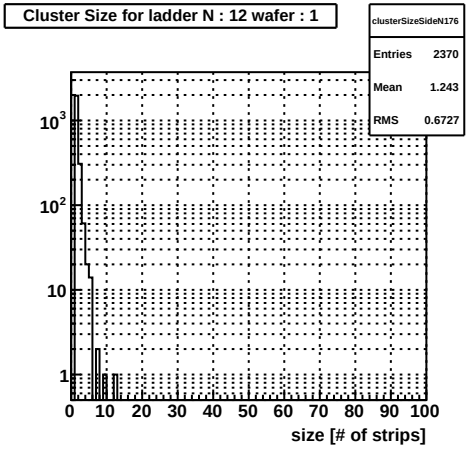

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 1186
Mean 1.434
RMS 0.8033
size [# of strips]

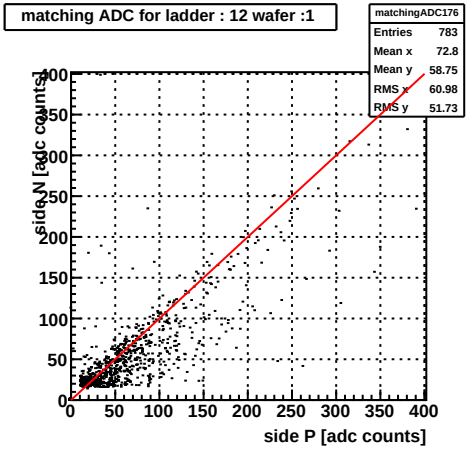

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 549
Mean x 88.47
Mean y 92.04
RMS x 65.7
RMS y 68.73
side N [adc counts]
side P [adc counts]

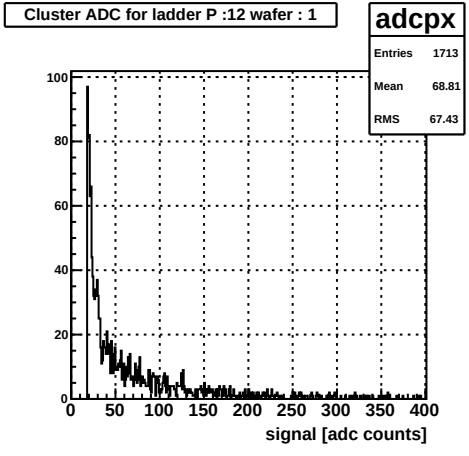

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 785
Mean 72.66
RMS 62.18
signal [adc counts]

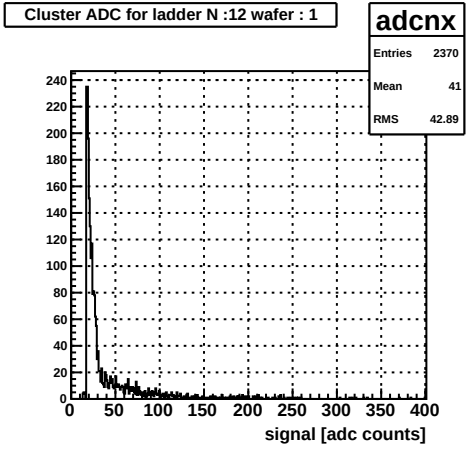

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 1186
Mean 65.03
RMS 63.53
signal [adc counts]

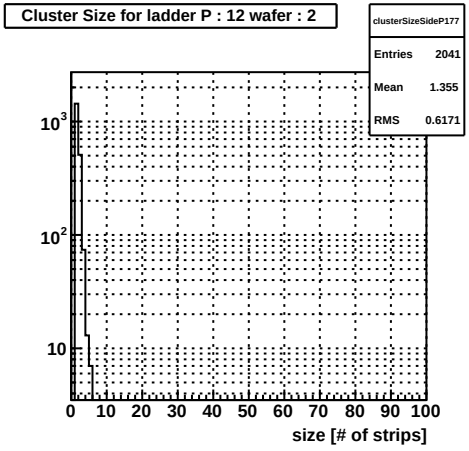

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 1713
Mean 1.35
RMS 0.672
size [# of strips]

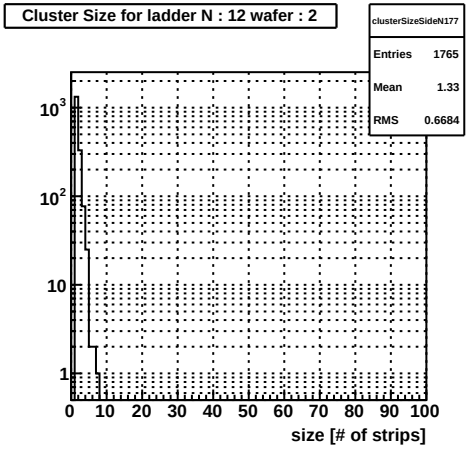

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 2370
Mean 1.243
RMS 0.6727
size [# of strips]

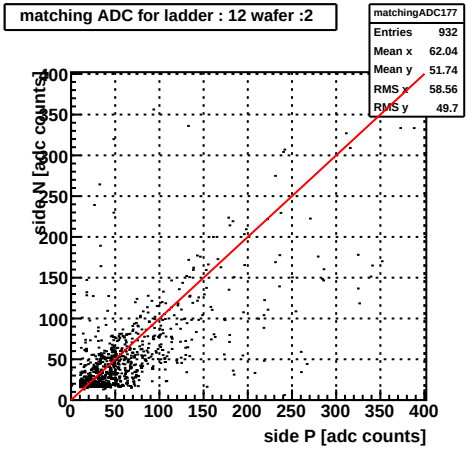

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 783
Mean x 72.8
Mean y 58.75
RMS x 60.98
RMS y 51.73
side N [adc counts]
side P [adc counts]

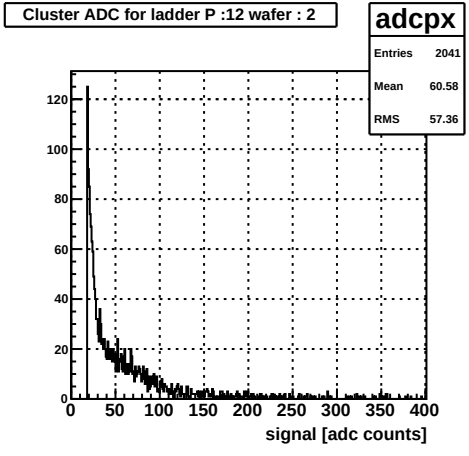

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 1713
Mean 68.81
RMS 67.43
signal [adc counts]

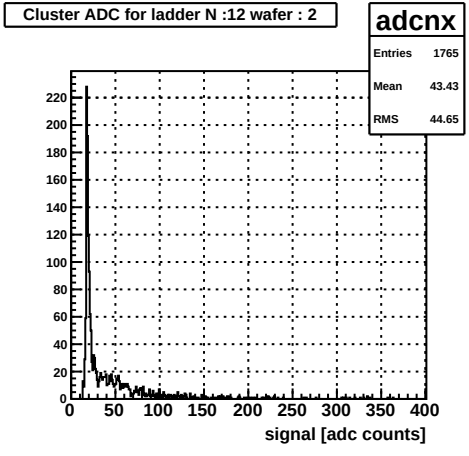

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 2370
Mean 41
RMS 42.89
signal [adc counts]

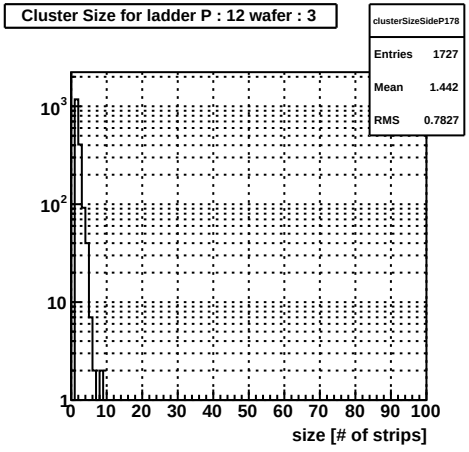

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 2041
Mean 1.355
RMS 0.6171
size [# of strips]

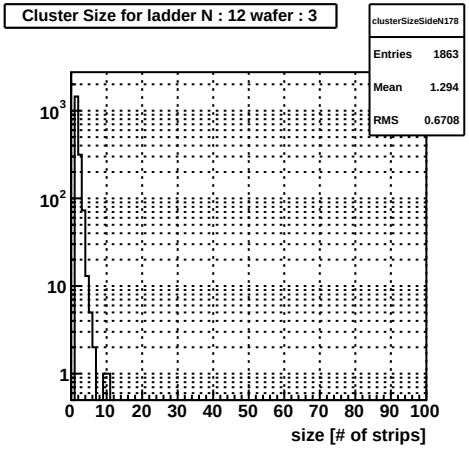

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 1765
Mean 1.33
RMS 0.6684
size [# of strips]

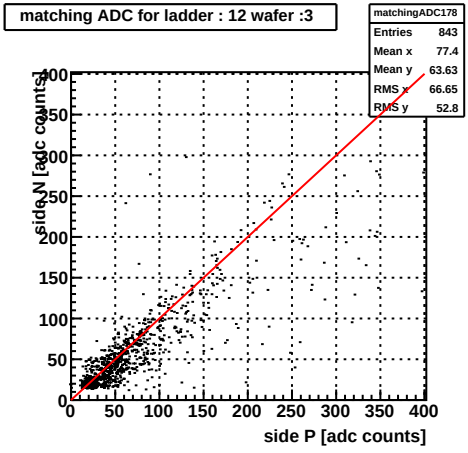

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 932
Mean x 62.04
Mean y 51.74
RMS x 58.56
RMS y 49.7
side N [adc counts]
side P [adc counts]

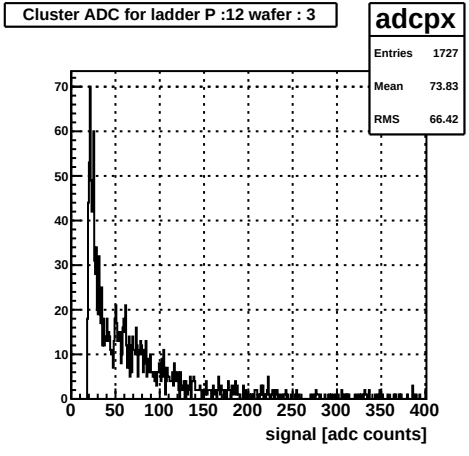

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 2041
Mean 60.58
RMS 57.36
signal [adc counts]

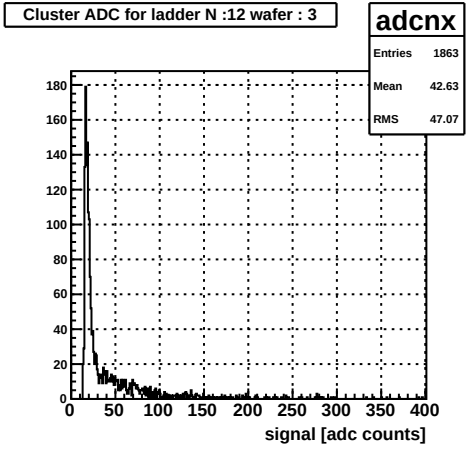

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 1765
Mean 43.43
RMS 44.65
signal [adc counts]

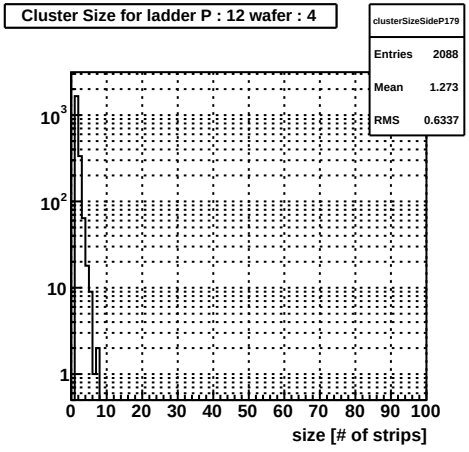

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 1727
Mean 1.442
RMS 0.7827
size [# of strips]

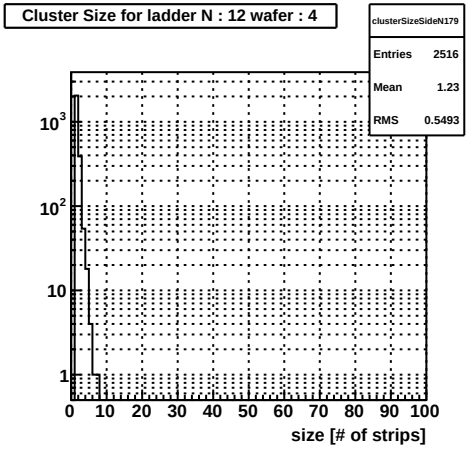

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 1863
Mean 1.294
RMS 0.6708
size [# of strips]

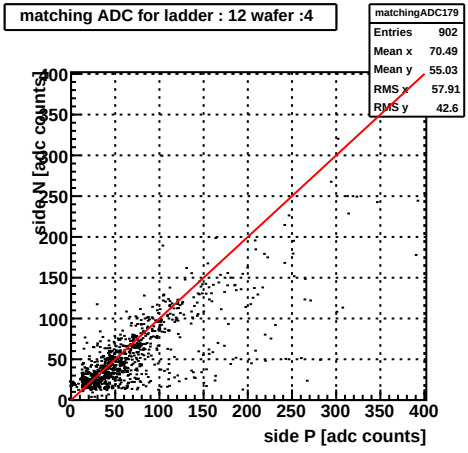

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 843
Mean x 77.4
Mean y 63.63
RMS x 66.65
RMS y 52.8
side N [adc counts]
side P [adc counts]

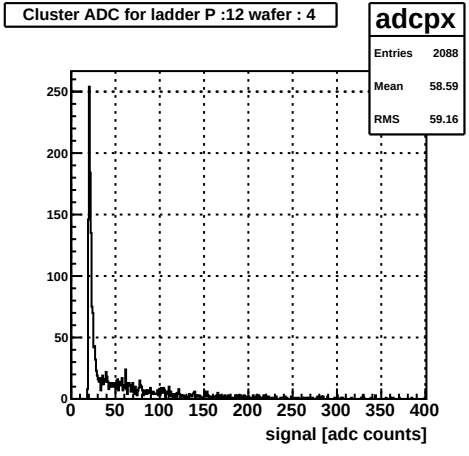

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 1727
Mean 73.83
RMS 66.42
signal [adc counts]

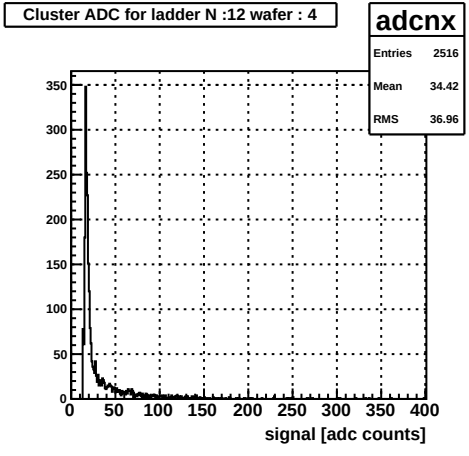

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 1863
Mean 42.63
RMS 47.07
signal [adc counts]

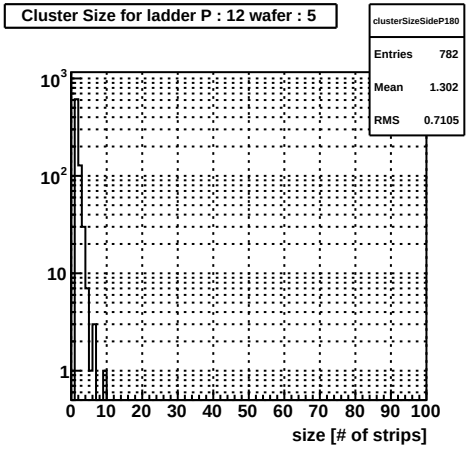

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 2088
Mean 1.273
RMS 0.6337
size [# of strips]

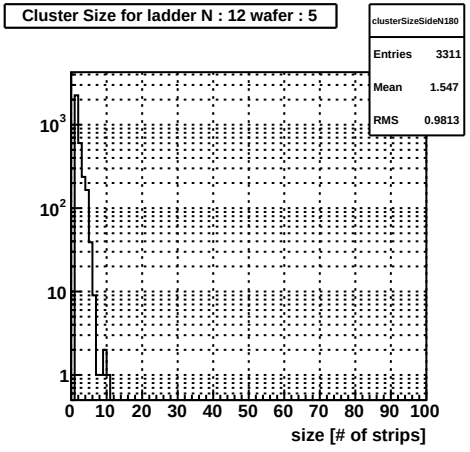

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 2516
Mean 1.23
RMS 0.5493
size [# of strips]

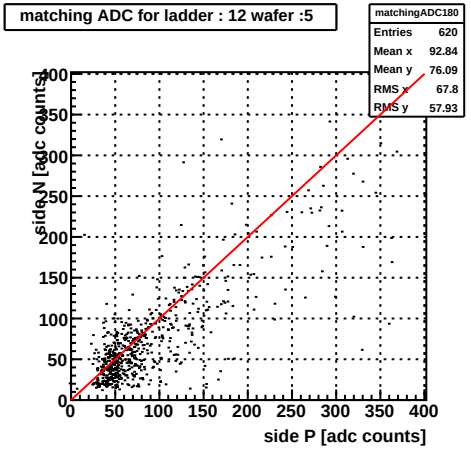

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 902
Mean x 70.49
Mean y 55.03
RMS x 57.91
RMS y 42.6
side N [adc counts]
side P [adc counts]

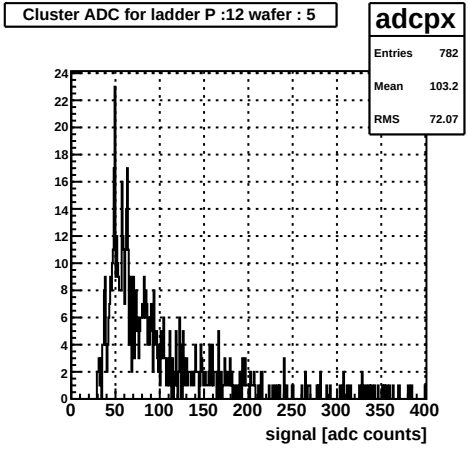

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 2088
Mean 58.59
RMS 59.16
signal [adc counts]

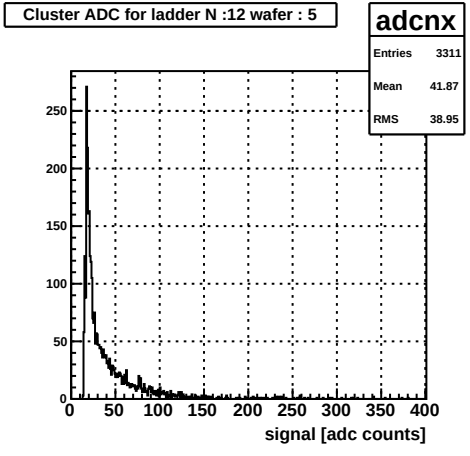

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 2516
Mean 34.42
RMS 36.96
signal [adc counts]

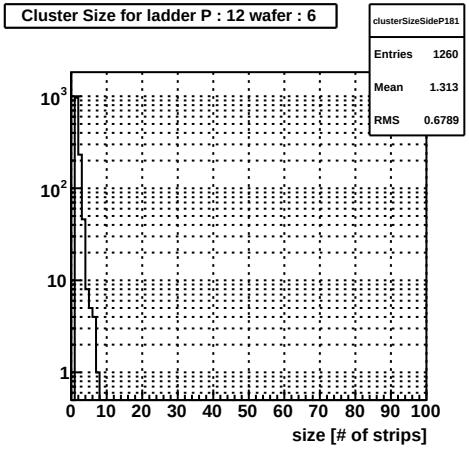

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 782
Mean 1.302
RMS 0.7105
size [# of strips]

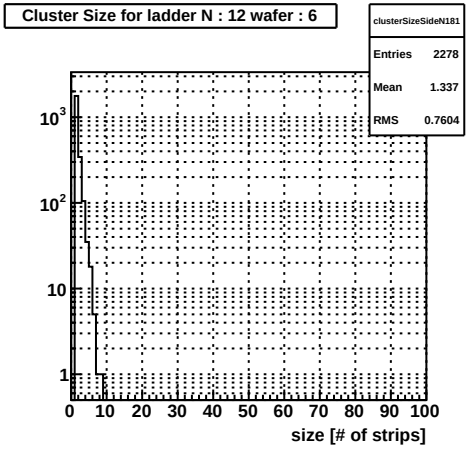

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 3311
Mean 1.547
RMS 0.9813
size [# of strips]

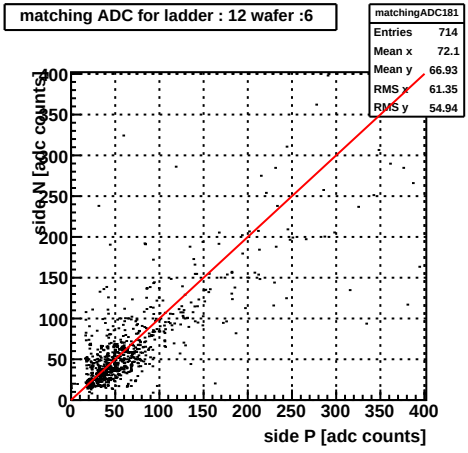

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 620
Mean x 92.84
Mean y 76.09
RMS x 67.8
RMS y 57.93
side N [adc counts]
side P [adc counts]

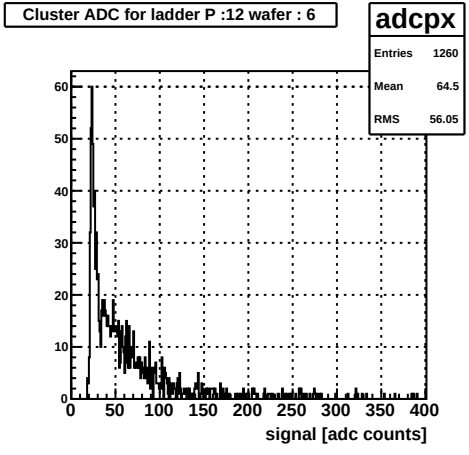

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 782
Mean 103.2
RMS 72.07
signal [adc counts]

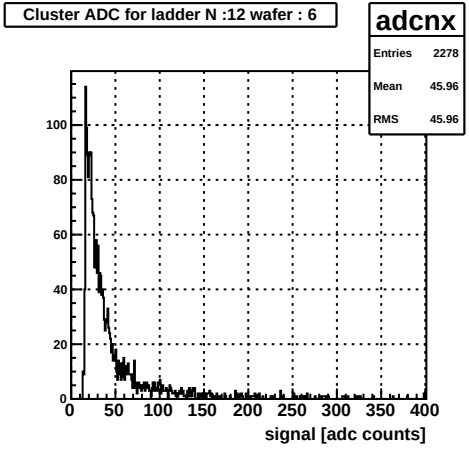

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 3311
Mean 41.87
RMS 38.95
signal [adc counts]

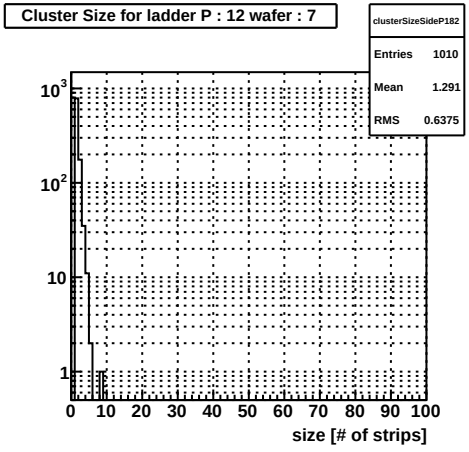

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 1260
Mean 1.313
RMS 0.6789
size [# of strips]

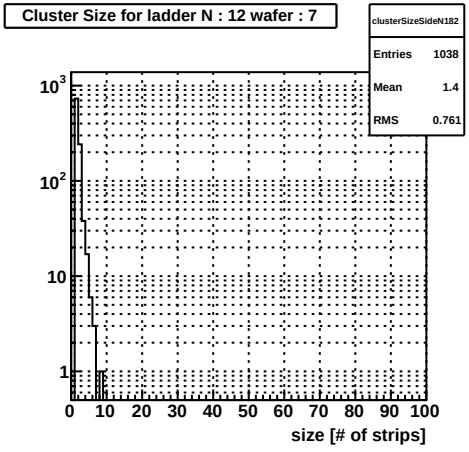

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 2278
Mean 1.337
RMS 0.7604
size [# of strips]

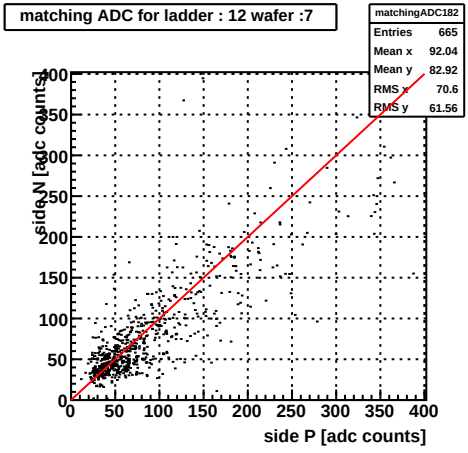

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 714
Mean x 72.1
Mean y 66.93
RMS x 61.35
RMS y 54.94
side N [adc counts]
side P [adc counts]

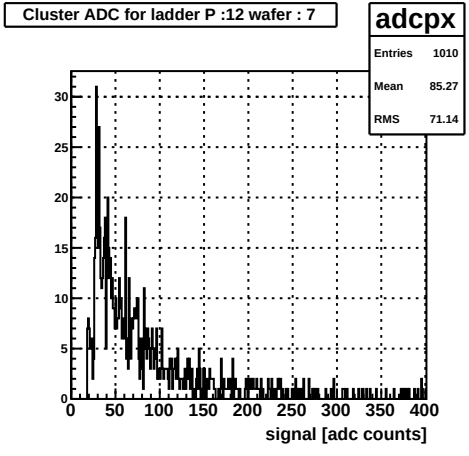

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 1260
Mean 64.5
RMS 56.05
signal [adc counts]

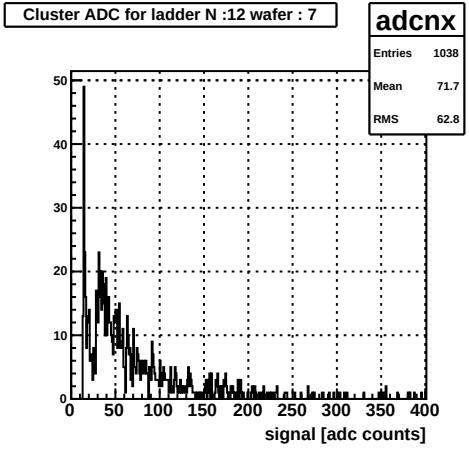

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 2278
Mean 45.96
RMS 45.96
signal [adc counts]

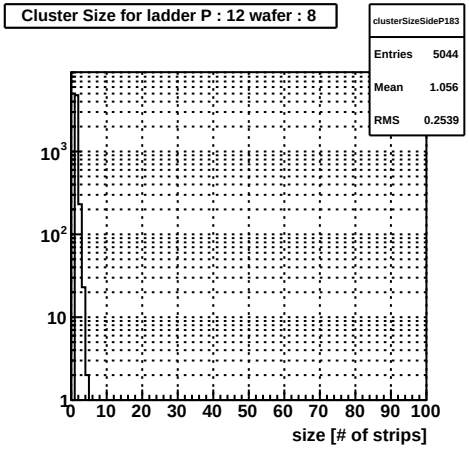

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 1010
Mean 1.291
RMS 0.6375
size [# of strips]

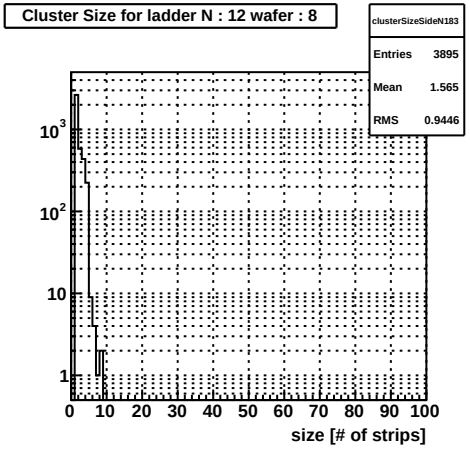

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 1038
Mean 1.4
RMS 0.761
size [# of strips]

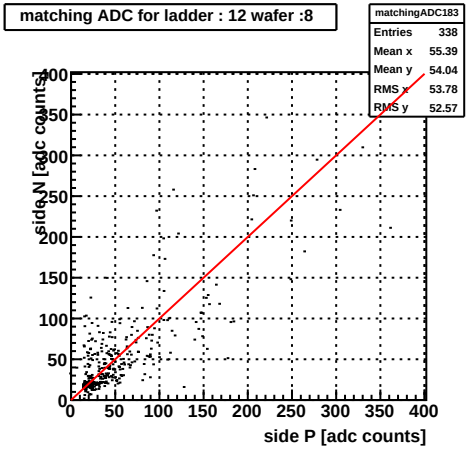

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 665
Mean x 92.04
Mean y 82.92
RMS x 70.6
RMS y 61.56
side N [adc counts]
side P [adc counts]

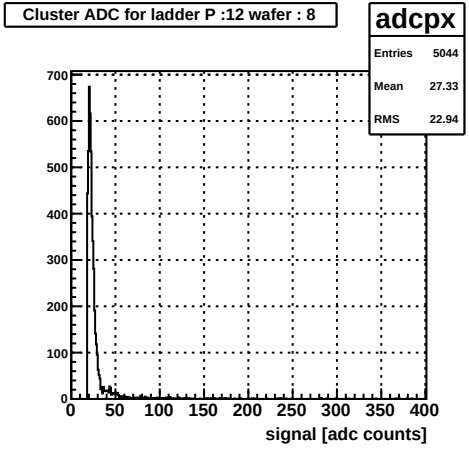

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 1010
Mean 85.27
RMS 71.14
signal [adc counts]

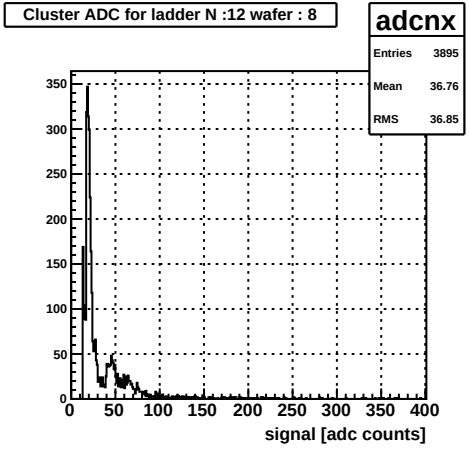

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 1038
Mean 71.7
RMS 62.8
signal [adc counts]

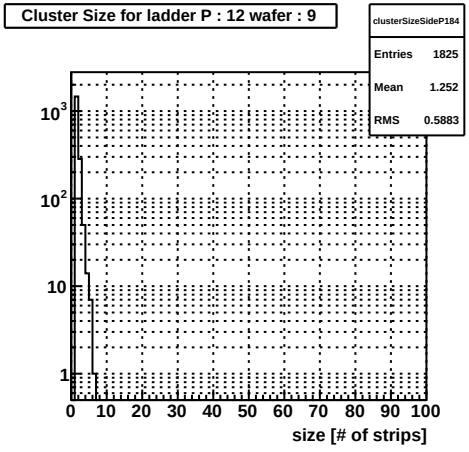

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 5044
Mean 1.056
RMS 0.2539
size [# of strips]

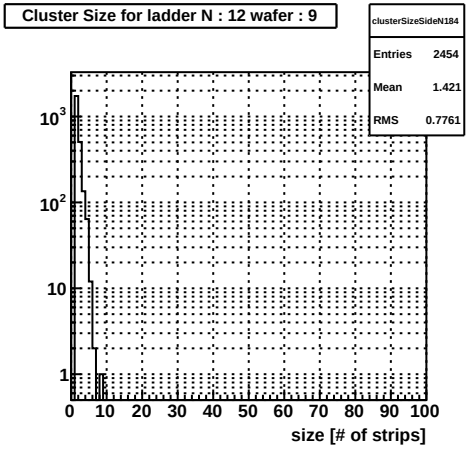

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 3895
Mean 1.565
RMS 0.9446
size [# of strips]

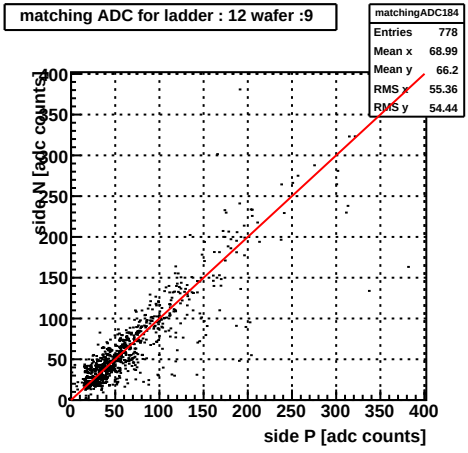

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 338
Mean x 55.39
Mean y 54.04
RMS x 53.78
RMS y 52.57
side N [adc counts]
side P [adc counts]

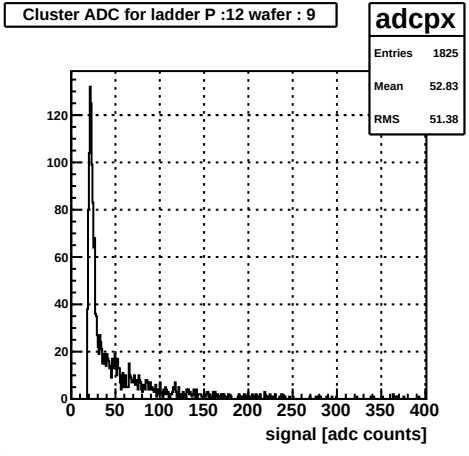

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 5044
Mean 27.33
RMS 22.94
signal [adc counts]

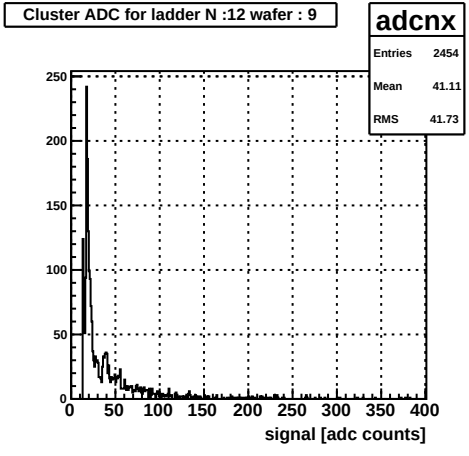

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 3895
Mean 36.76
RMS 36.85
signal [adc counts]

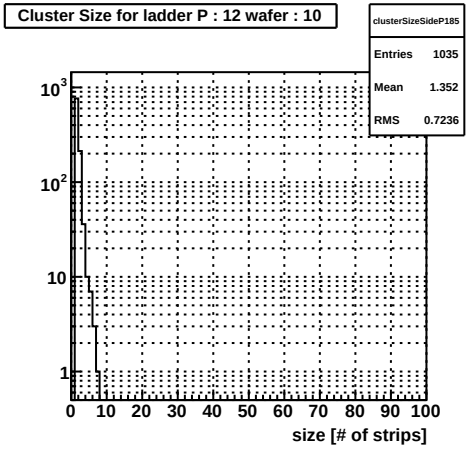

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 1825
Mean 1.252
RMS 0.5883
size [# of strips]

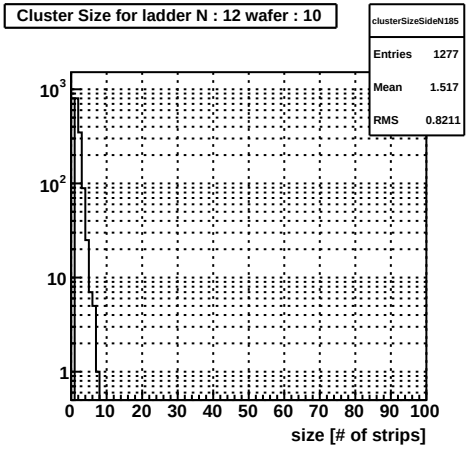

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 2454
Mean 1.421
RMS 0.7761
size [# of strips]

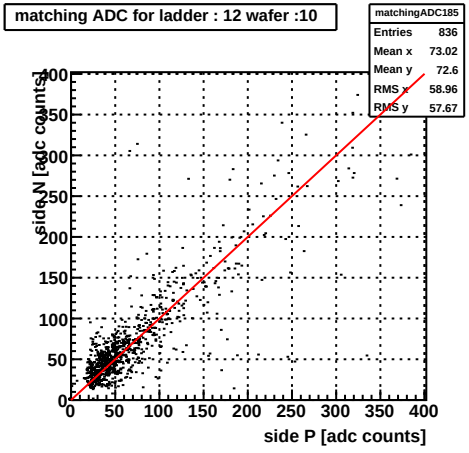

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 778
Mean x 68.99
Mean y 66.2
RMS x 55.36
RMS y 54.44
side N [adc counts]
side P [adc counts]

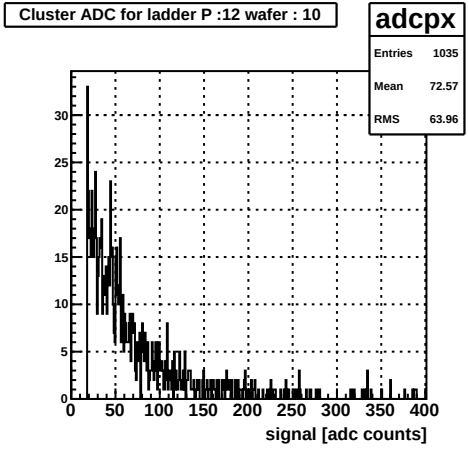

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 1825
Mean 52.83
RMS 51.38
signal [adc counts]

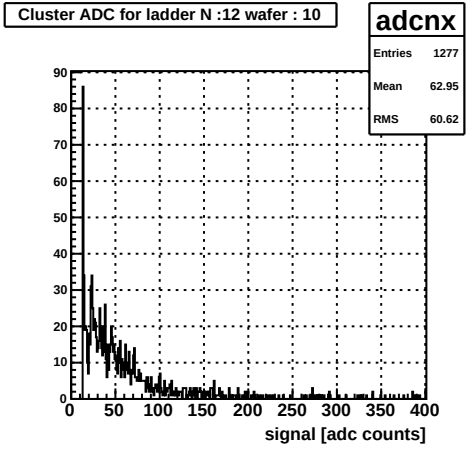

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 2454
Mean 41.11
RMS 41.73
signal [adc counts]

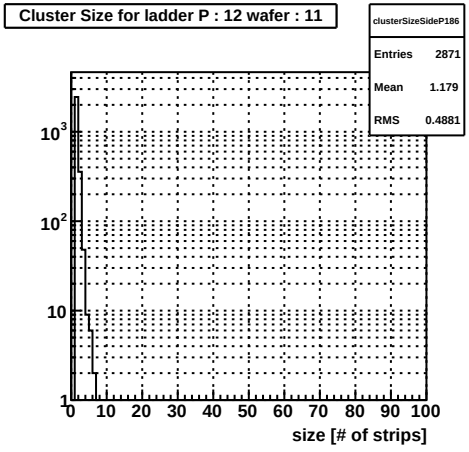

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 1035
Mean 1.352
RMS 0.7236
size [# of strips]

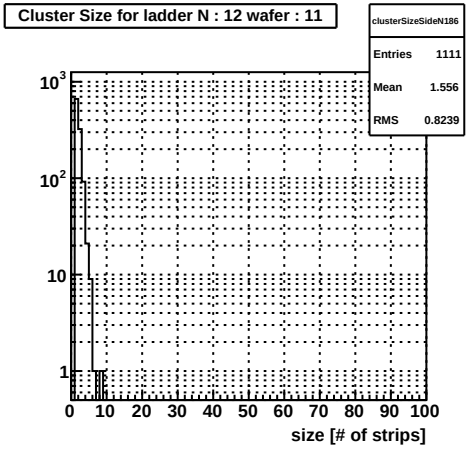

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 1277
Mean 1.517
RMS 0.8211
size [# of strips]

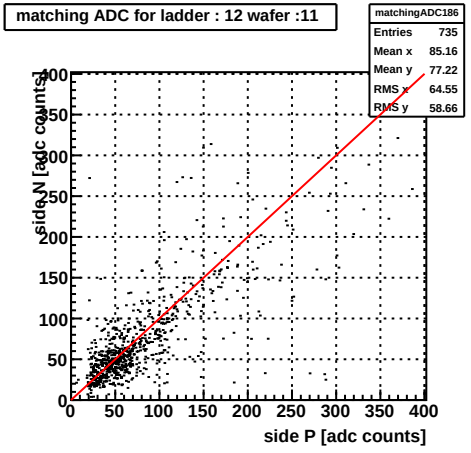

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 836
Mean x 73.02
Mean y 72.6
RMS x 58.96
RMS y 57.67
side N [adc counts]
side P [adc counts]

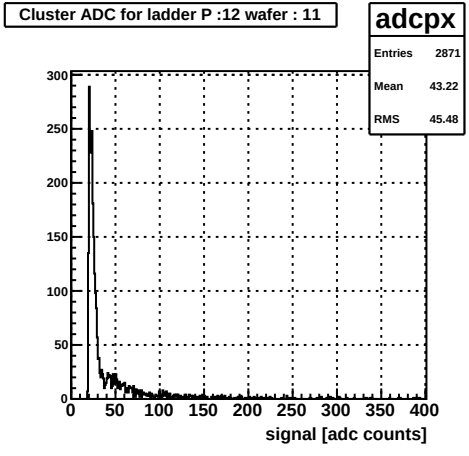

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 1035
Mean 72.57
RMS 63.96
signal [adc counts]

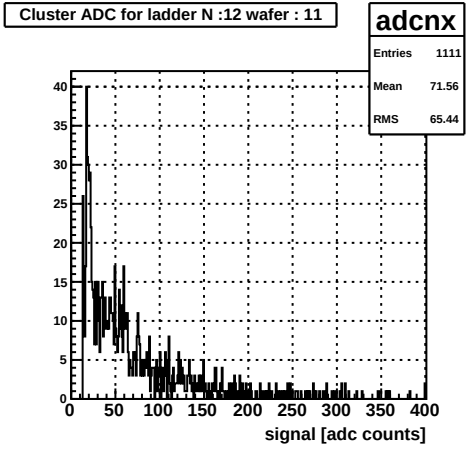

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 1277
Mean 62.95
RMS 60.62
signal [adc counts]

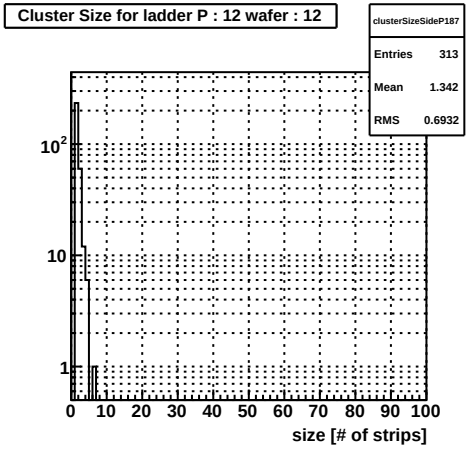

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 2871
Mean 1.179
RMS 0.4881
size [# of strips]

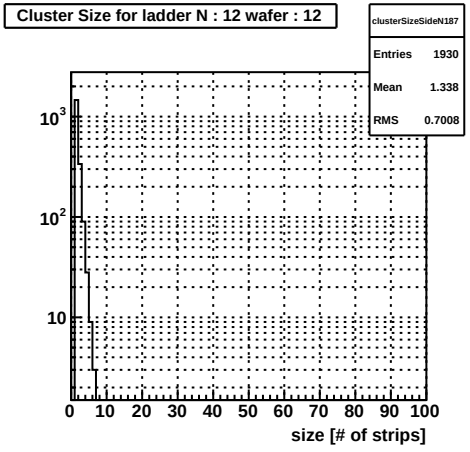

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 1111
Mean 1.556
RMS 0.8239
size [# of strips]

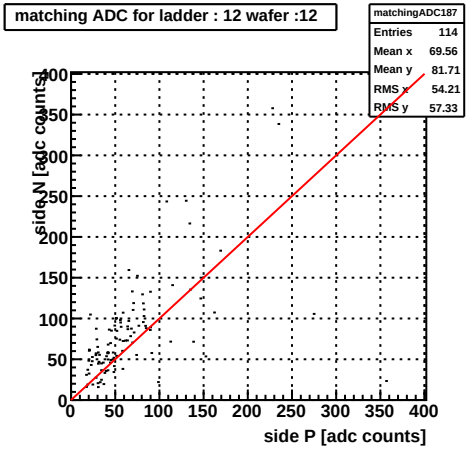

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 735
Mean x 85.16
Mean y 77.22
RMS x 64.55
RMS y 58.66
side N [adc counts]
side P [adc counts]

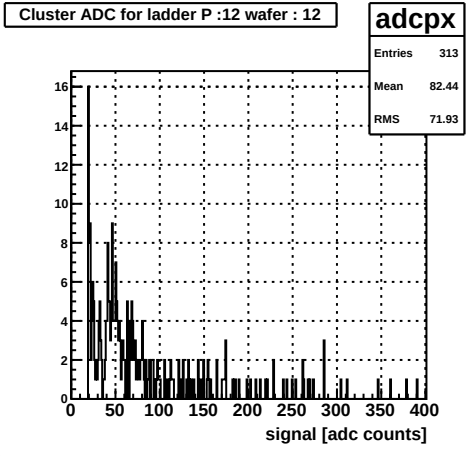

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 2871
Mean 43.22
RMS 45.48
signal [adc counts]

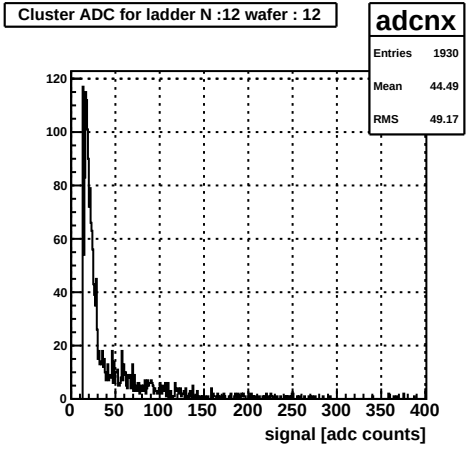

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 1111
Mean 71.56
RMS 65.44
signal [adc counts]

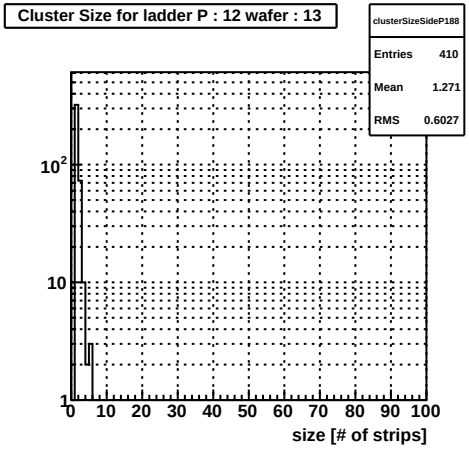

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 313
Mean 1.342
RMS 0.6932
size [# of strips]

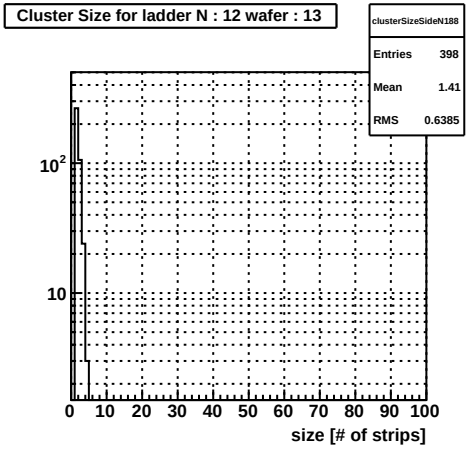

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 1930
Mean 1.338
RMS 0.7008
size [# of strips]

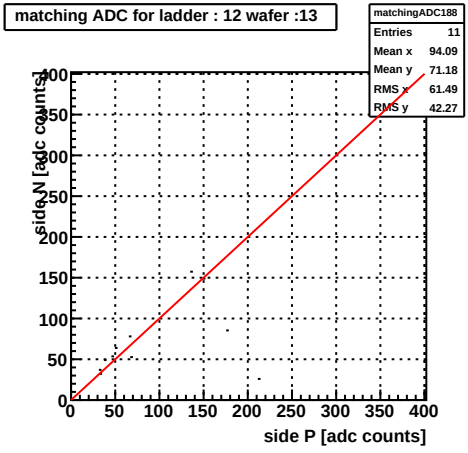

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 114
Mean x 69.56
Mean y 81.71
RMS x 54.21
RMS y 57.33
side N [adc counts]
side P [adc counts]

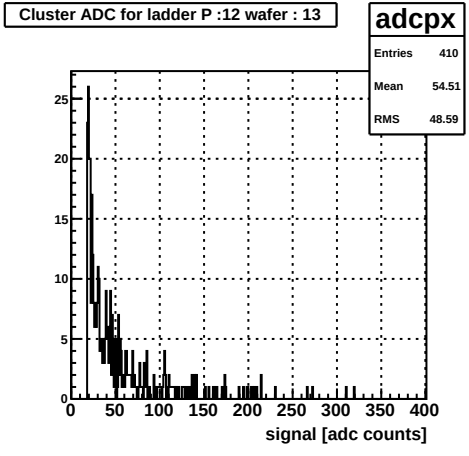

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 313
Mean 82.44
RMS 71.93
signal [adc counts]

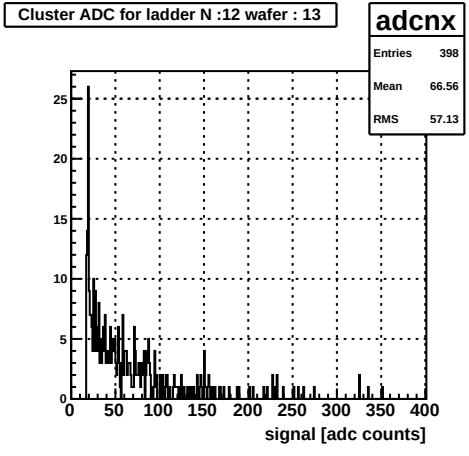

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 1930
Mean 44.49
RMS 49.17
signal [adc counts]

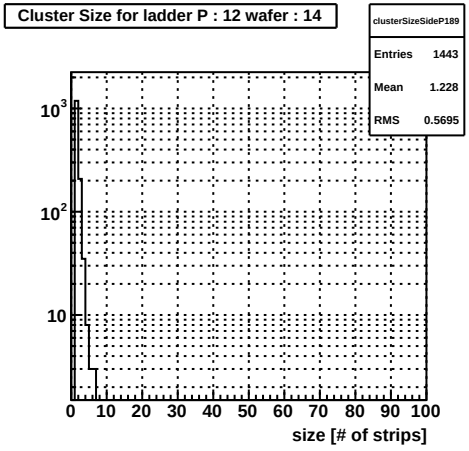

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 410
Mean 1.271
RMS 0.6027
size [# of strips]

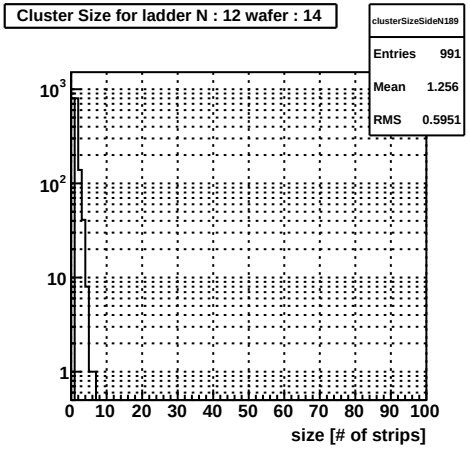

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 398
Mean 1.41
RMS 0.6385
size [# of strips]

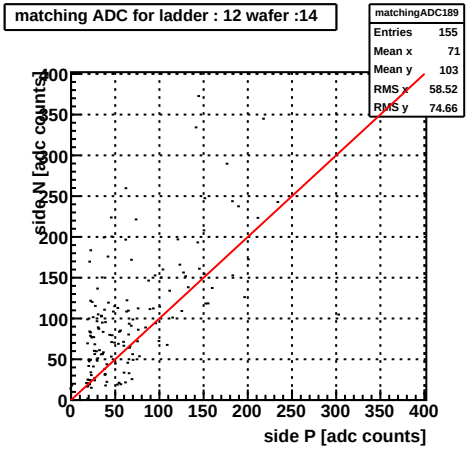

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 11
Mean x 94.09
Mean y 71.18
RMS x 61.49
RMS y 42.27
side N [adc counts]
side P [adc counts]

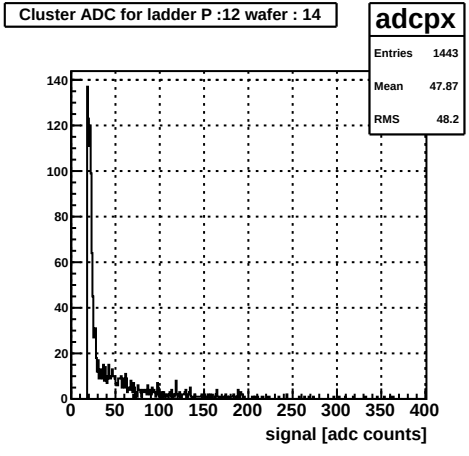

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 410
Mean 54.51
RMS 48.59
signal [adc counts]

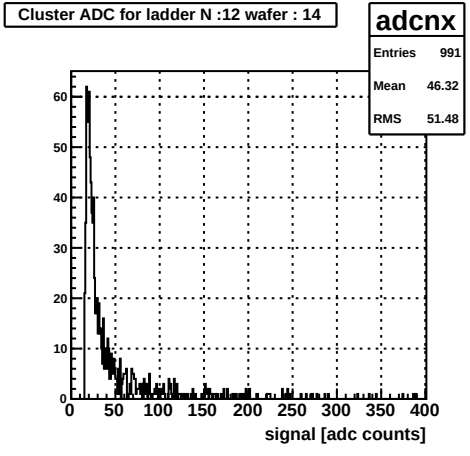

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 398
Mean 66.56
RMS 57.13
signal [adc counts]

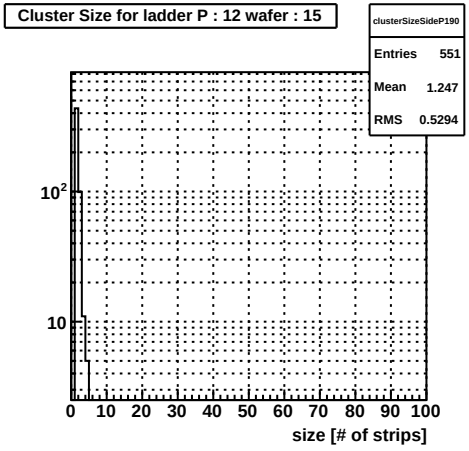

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 1443
Mean 1.228
RMS 0.5695
size [# of strips]

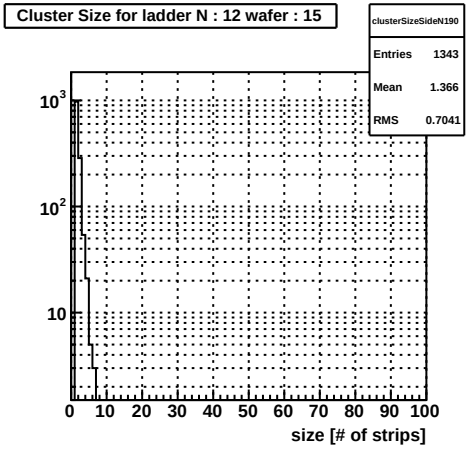

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 991
Mean 1.256
RMS 0.5951
size [# of strips]

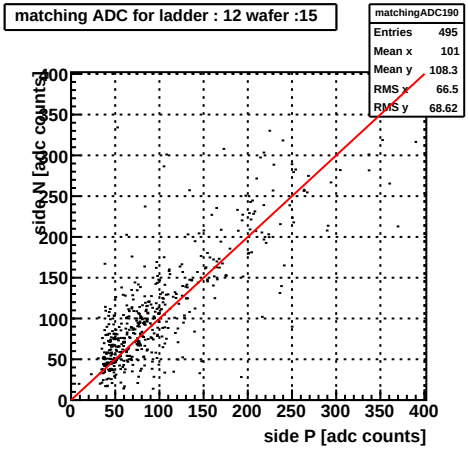

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 155
Mean x 71
Mean y 103
RMS x 58.52
RMS y 74.66
side N [adc counts]
side P [adc counts]

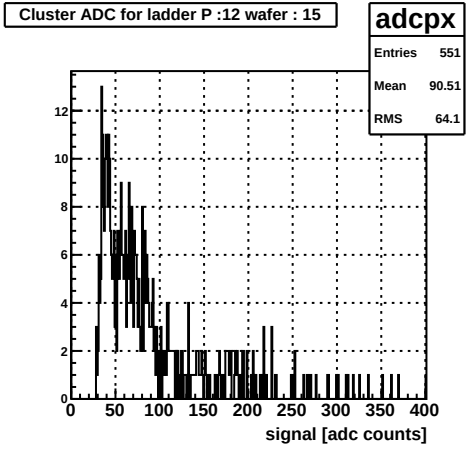

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 1443
Mean 47.87
RMS 48.2
signal [adc counts]

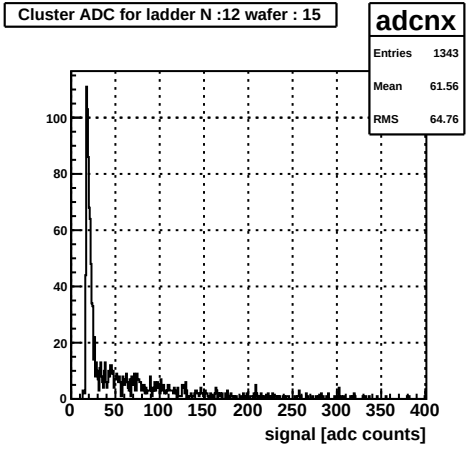

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 991
Mean 46.32
RMS 51.48
signal [adc counts]

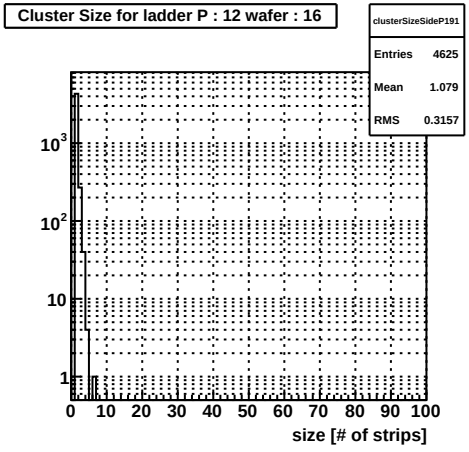

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 551
Mean 1.247
RMS 0.5294
size [# of strips]

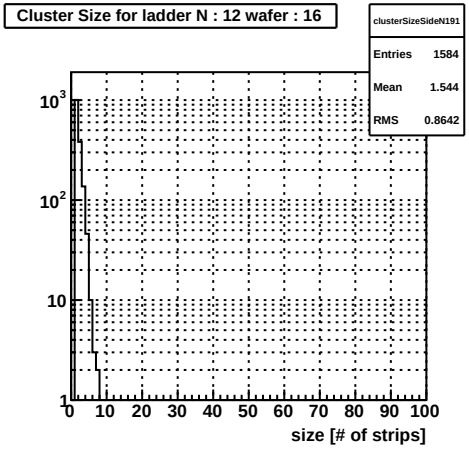

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 1343
Mean 1.366
RMS 0.7041
size [# of strips]

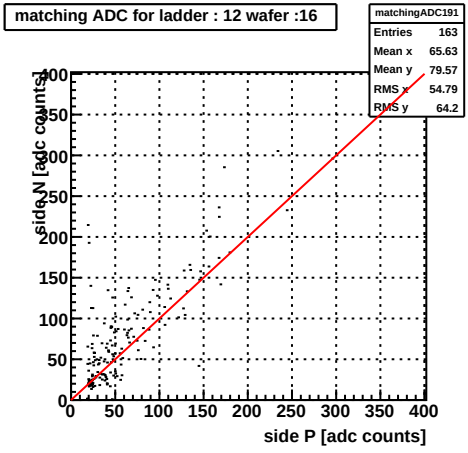

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 495
Mean x 101
Mean y 108.3
RMS x 66.5
RMS y 68.62
side N [adc counts]
side P [adc counts]

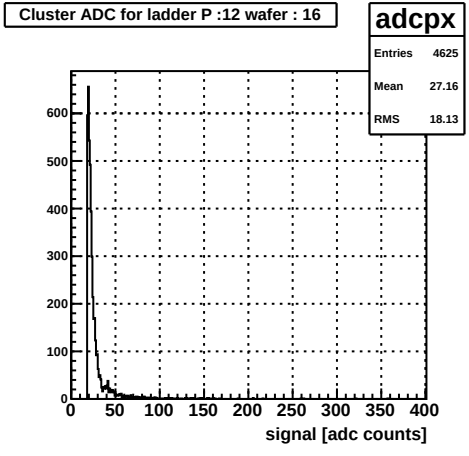

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 551
Mean 90.51
RMS 64.1
signal [adc counts]

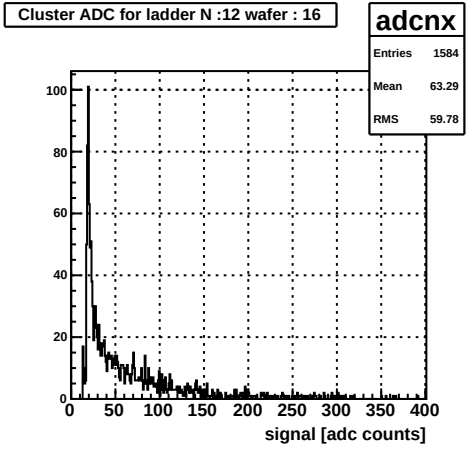

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 1343
Mean 61.56
RMS 64.76
signal [adc counts]

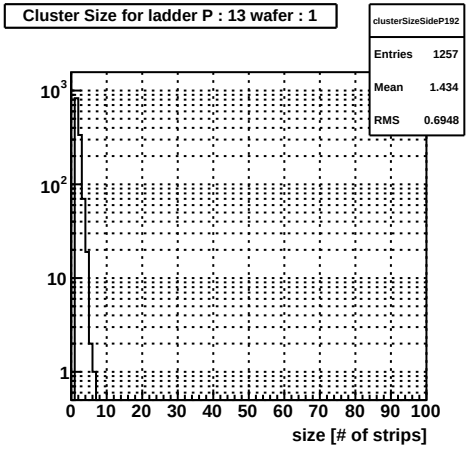

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 4625
Mean 1.079
RMS 0.3157
size [# of strips]

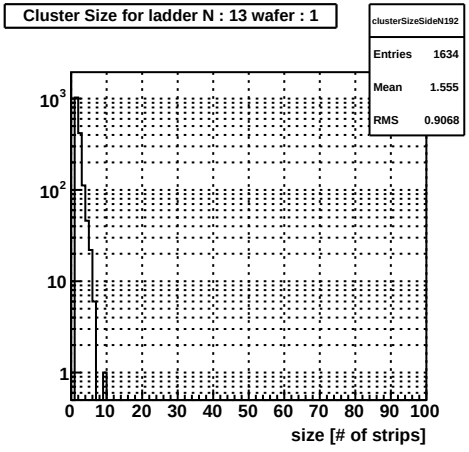

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 1584
Mean 1.544
RMS 0.8642
size [# of strips]

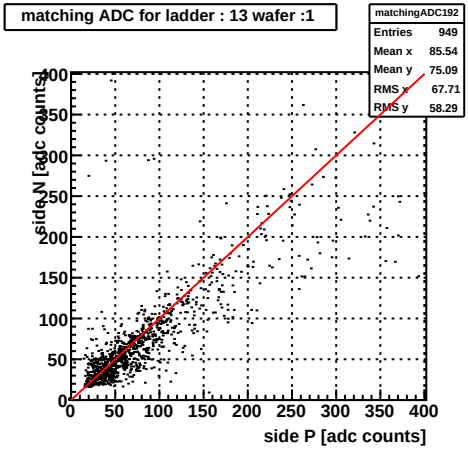

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 163
Mean x 65.63
Mean y 79.57
RMS x 54.79
RMS y 64.2
side N [adc counts]
side P [adc counts]

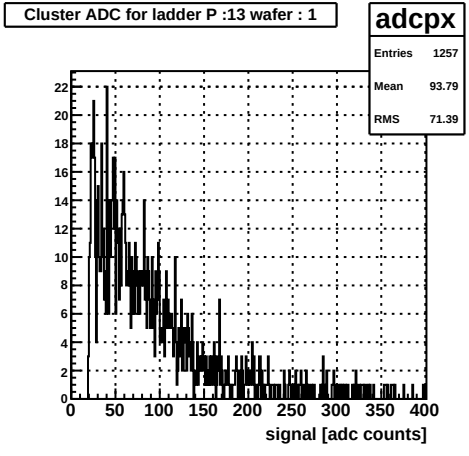

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 4625
Mean 27.16
RMS 18.13
signal [adc counts]

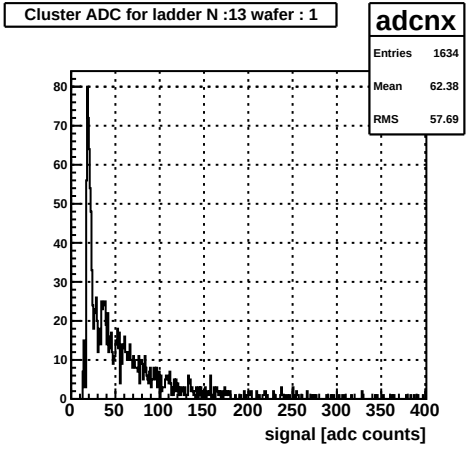

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 1584
Mean 63.29
RMS 59.78
signal [adc counts]

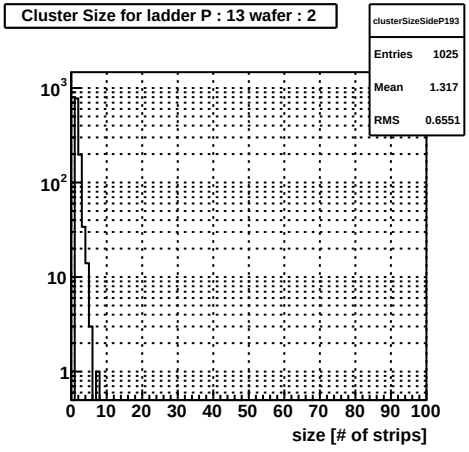

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 1257
Mean 1.434
RMS 0.6948
size [# of strips]

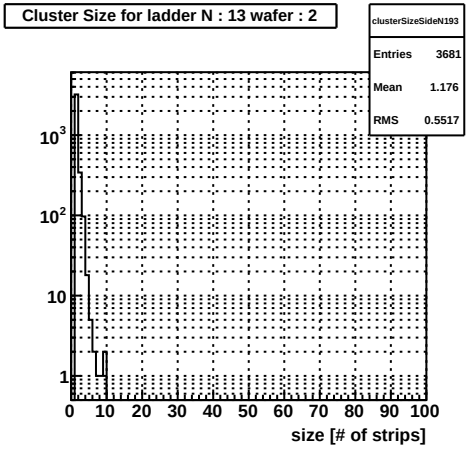

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 1634
Mean 1.555
RMS 0.9068
size [# of strips]

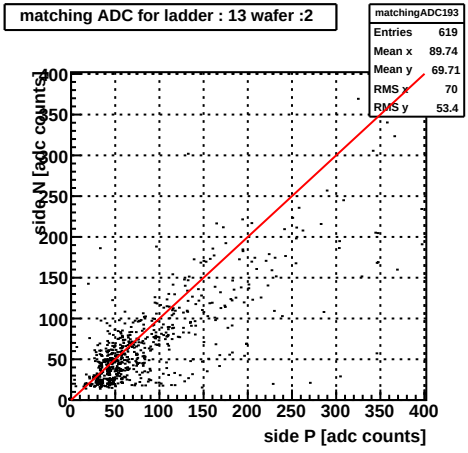

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 949
Mean x 85.54
Mean y 75.09
RMS x 67.71
RMS y 58.29
side N [adc counts]
side P [adc counts]

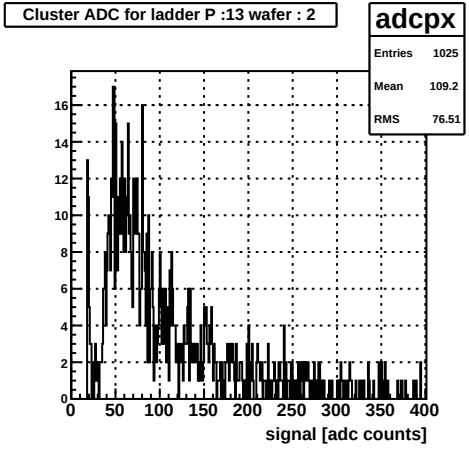

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 1257
Mean 93.79
RMS 71.39
signal [adc counts]

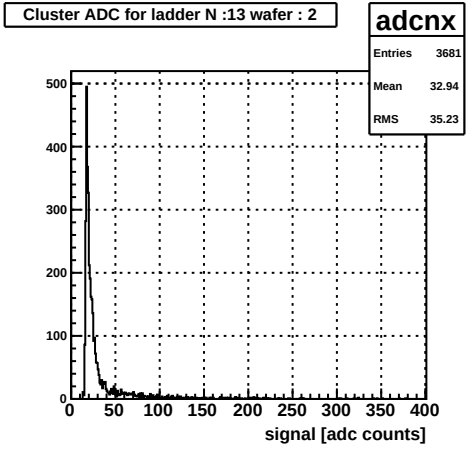

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 1634
Mean 62.38
RMS 57.69
signal [adc counts]

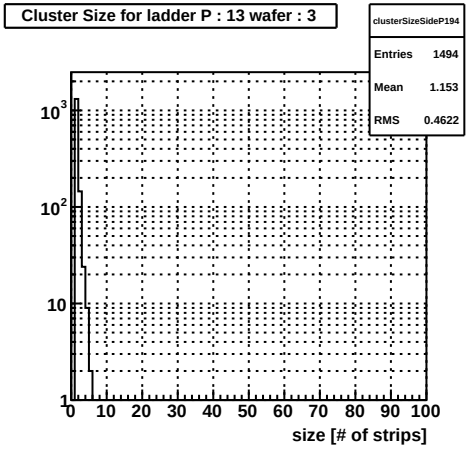

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 1025
Mean 1.317
RMS 0.6551
size [# of strips]

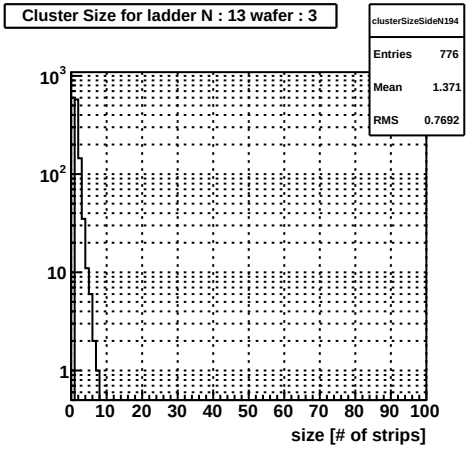

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 3681
Mean 1.176
RMS 0.5517
size [# of strips]

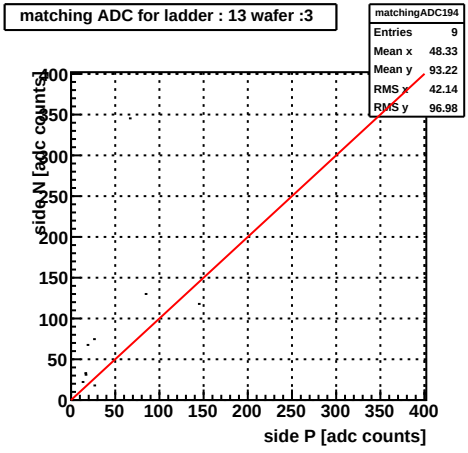

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 619
Mean x 89.74
Mean y 69.71
RMS x 70
RMS y 53.4
side N [adc counts]
side P [adc counts]

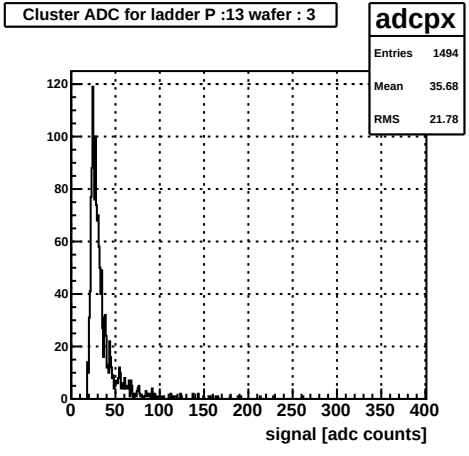

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 1025
Mean 109.2
RMS 76.51
signal [adc counts]

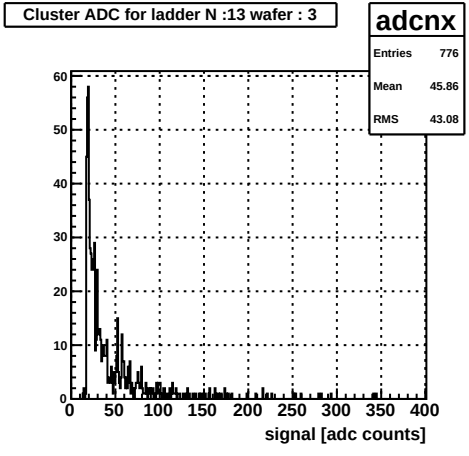

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 3681
Mean 32.94
RMS 35.23
signal [adc counts]

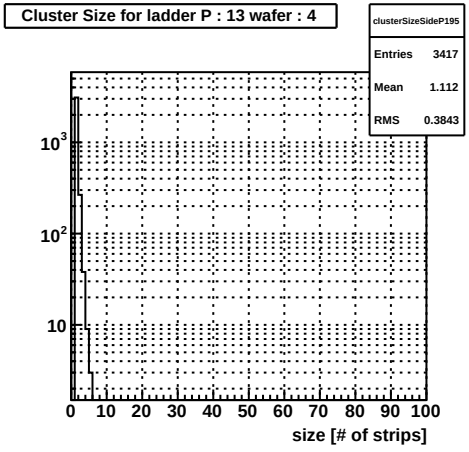

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 1494
Mean 1.153
RMS 0.4622
size [# of strips]

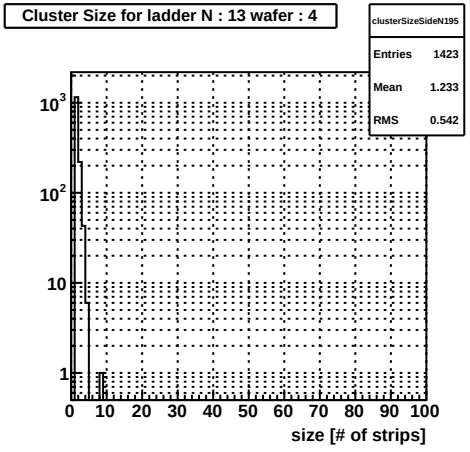

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 776
Mean 1.371
RMS 0.7692
size [# of strips]

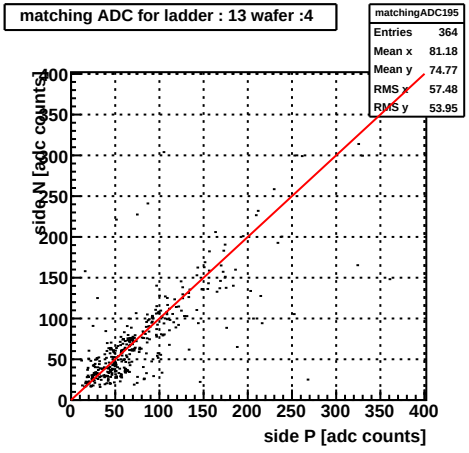

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 9
Mean x 48.33
Mean y 93.22
RMS x 42.14
RMS y 96.98
side N [adc counts]
side P [adc counts]

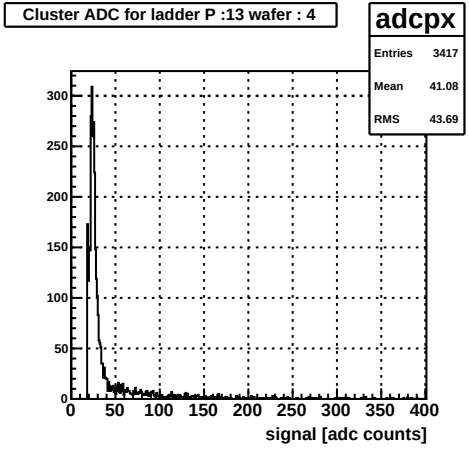

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 1494
Mean 35.68
RMS 21.78
signal [adc counts]

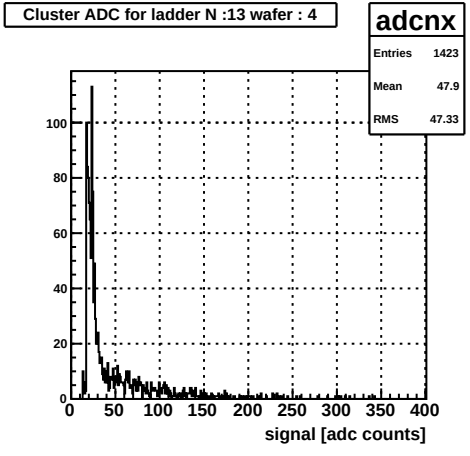

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 776
Mean 45.86
RMS 43.08
signal [adc counts]

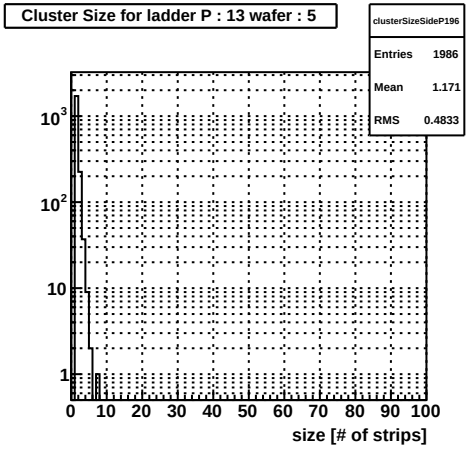

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 3417
Mean 1.112
RMS 0.3843
size [# of strips]

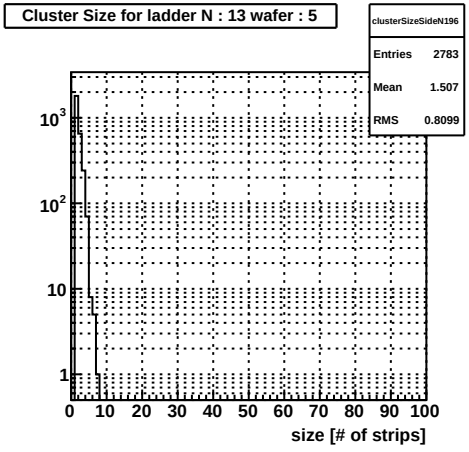

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 1423
Mean 1.233
RMS 0.542
size [# of strips]

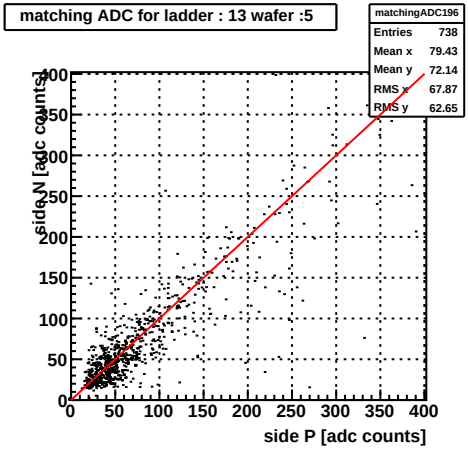

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 364
Mean x 81.18
Mean y 74.77
RMS x 57.48
RMS y 53.95
side N [adc counts]
side P [adc counts]

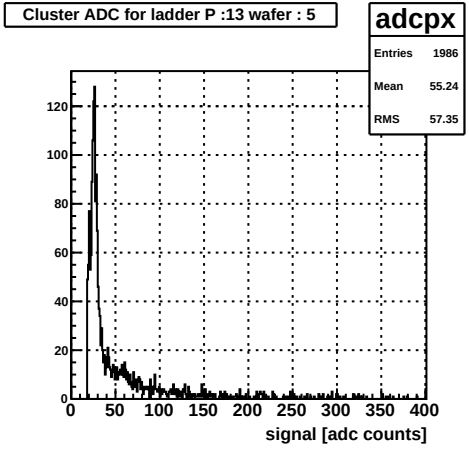

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 3417
Mean 41.08
RMS 43.69
signal [adc counts]

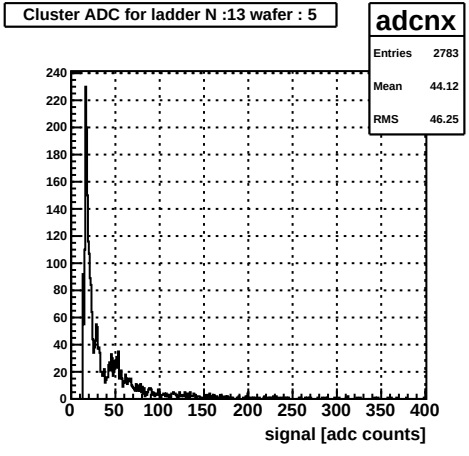

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 1423
Mean 47.9
RMS 47.33
signal [adc counts]

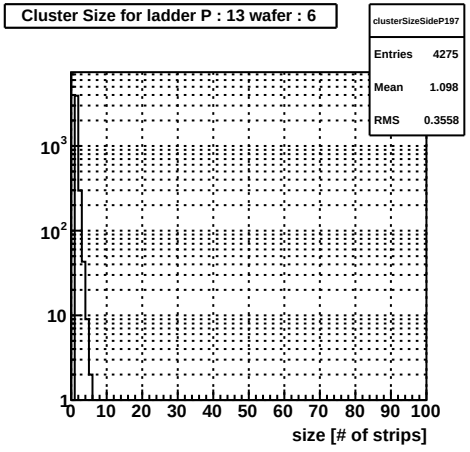

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 1986
Mean 1.171
RMS 0.4833
size [# of strips]

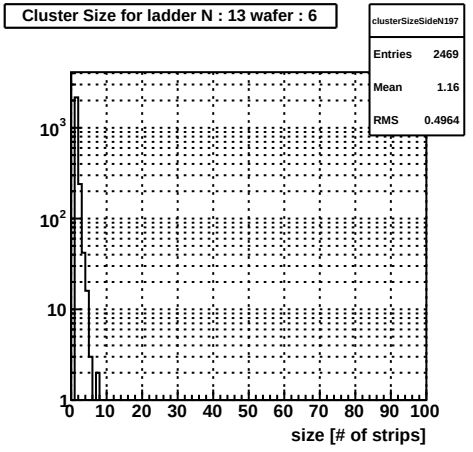

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 2783
Mean 1.507
RMS 0.8099
size [# of strips]

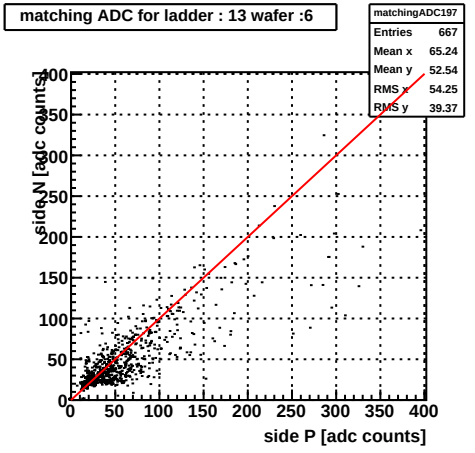

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 738
Mean x 79.43
Mean y 72.14
RMS x 67.87
RMS y 62.65
side N [adc counts]
side P [adc counts]

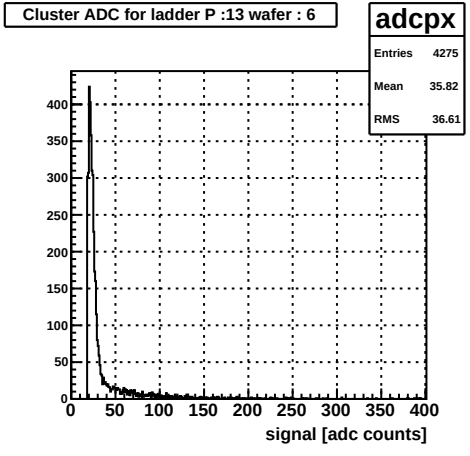

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 1986
Mean 55.24
RMS 57.35
signal [adc counts]

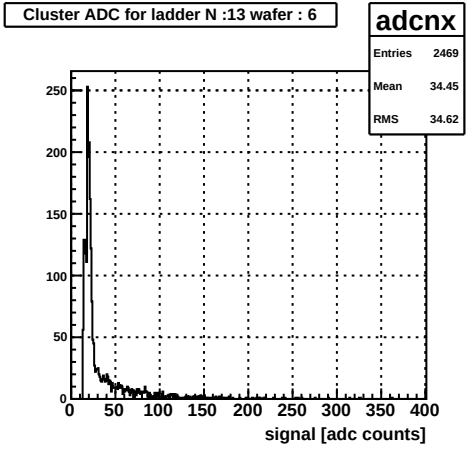

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 2783
Mean 44.12
RMS 46.25
signal [adc counts]

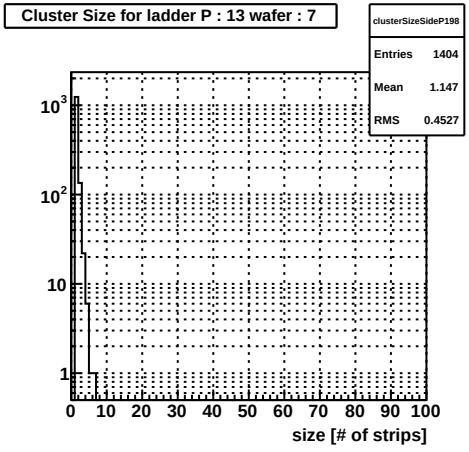

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 4275
Mean 1.098
RMS 0.3558
size [# of strips]

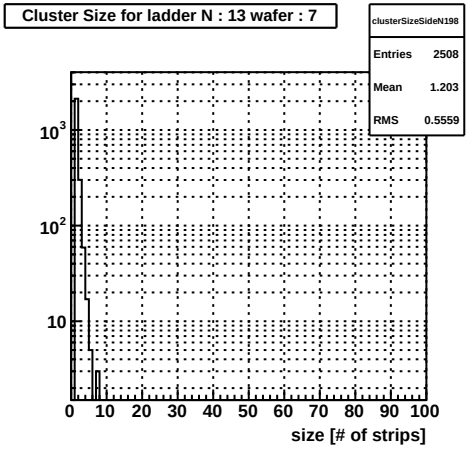

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 2469
Mean 1.16
RMS 0.4964
size [# of strips]

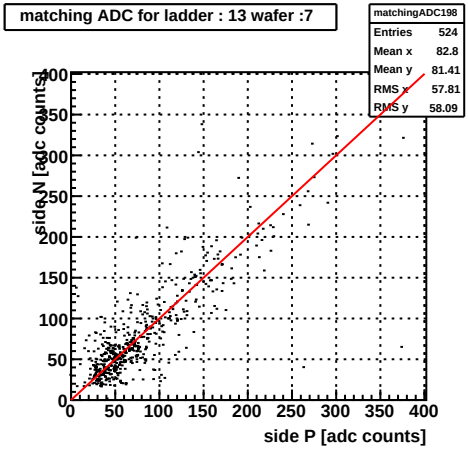

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 667
Mean x 65.24
Mean y 52.54
RMS x 54.25
RMS y 39.37
side N [adc counts]
side P [adc counts]

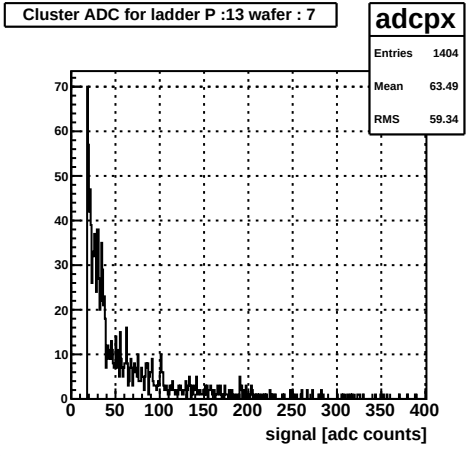

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 4275
Mean 35.82
RMS 36.61
signal [adc counts]

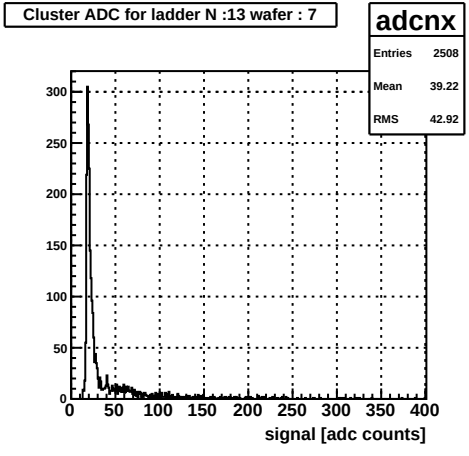

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 2469
Mean 34.45
RMS 34.62
signal [adc counts]

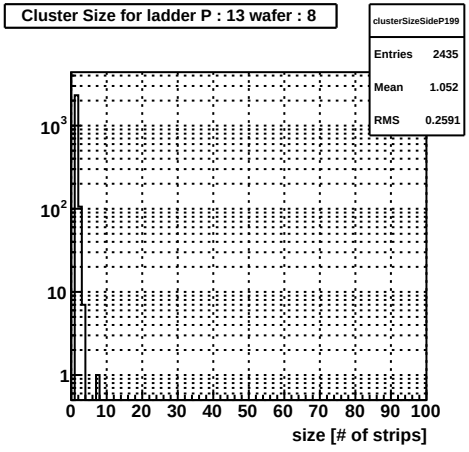

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 1404
Mean 1.147
RMS 0.4527
size [# of strips]

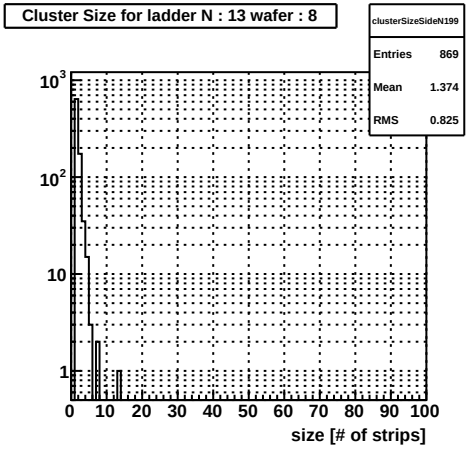

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 2508
Mean 1.203
RMS 0.5559
size [# of strips]

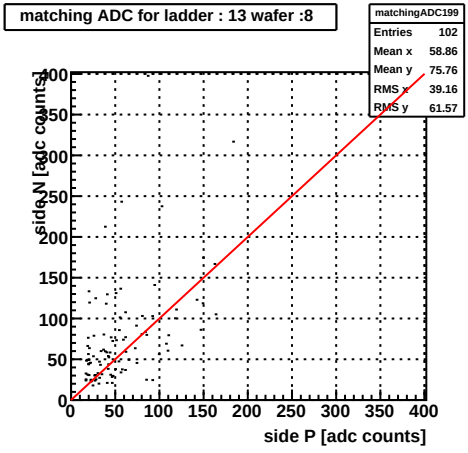

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 524
Mean x 82.8
Mean y 81.41
RMS x 57.81
RMS y 58.09
side N [adc counts]
side P [adc counts]

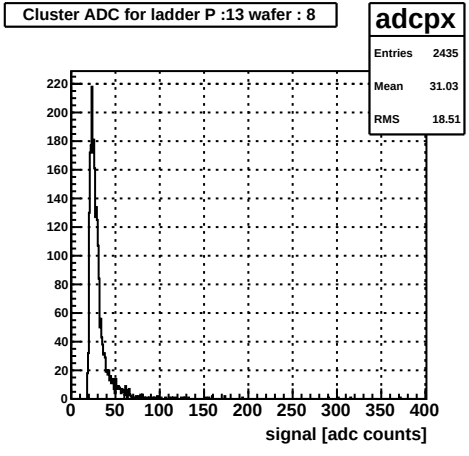

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 1404
Mean 63.49
RMS 59.34
signal [adc counts]

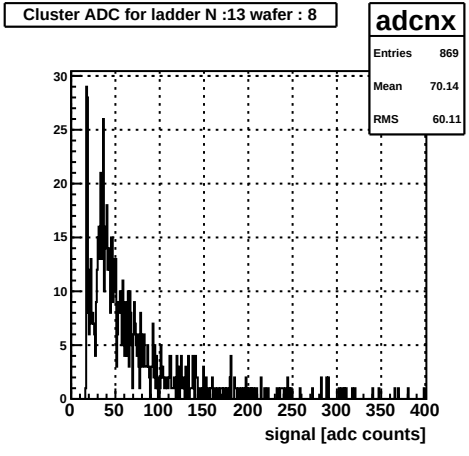

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 2508
Mean 39.22
RMS 42.92
signal [adc counts]

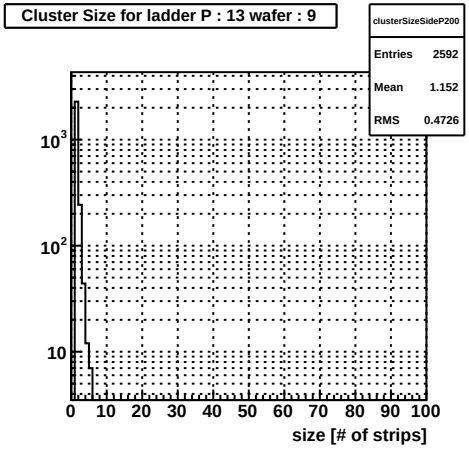

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 2435
Mean 1.052
RMS 0.2591
size [# of strips]

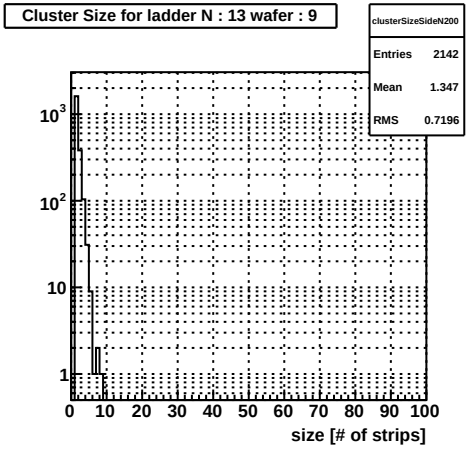

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 869
Mean 1.374
RMS 0.825
size [# of strips]

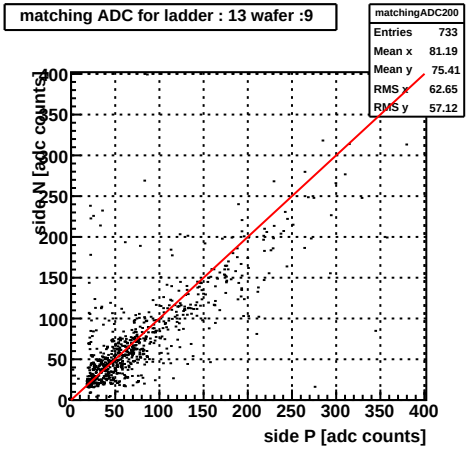

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 102
Mean x 58.86
Mean y 75.76
RMS x 39.16
RMS y 61.57
side N [adc counts]
side P [adc counts]

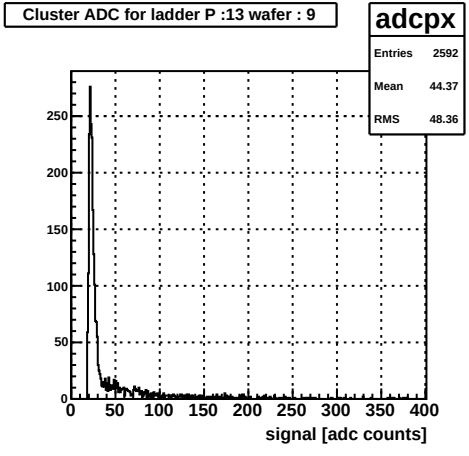

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 2435
Mean 31.03
RMS 18.51
signal [adc counts]

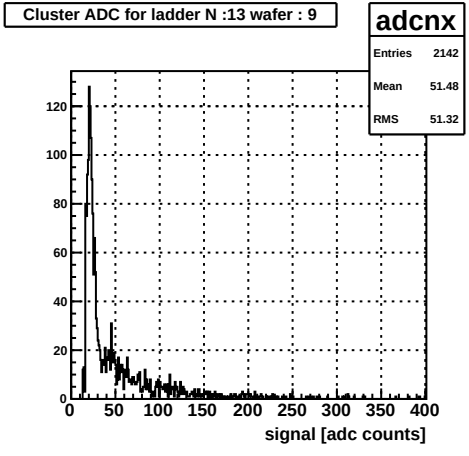

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 869
Mean 70.14
RMS 60.11
signal [adc counts]

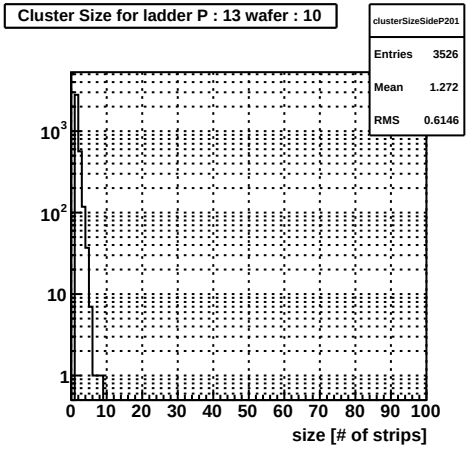

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 2592
Mean 1.152
RMS 0.4726
size [# of strips]

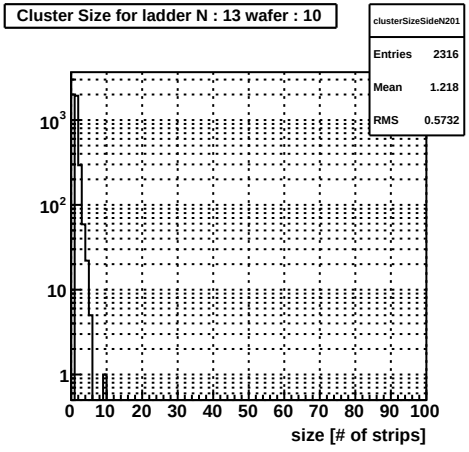

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 2142
Mean 1.347
RMS 0.7196
size [# of strips]

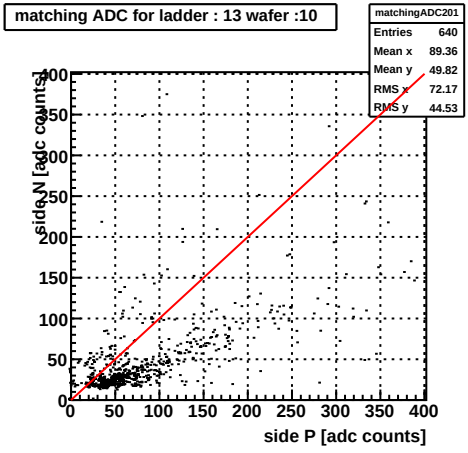

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 733
Mean x 81.19
Mean y 75.41
RMS x 62.65
RMS y 57.12
side N [adc counts]
side P [adc counts]

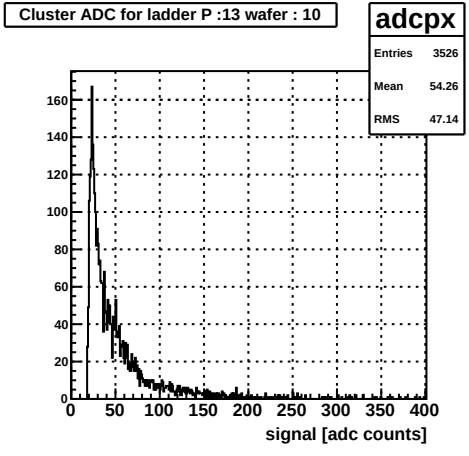

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 2592
Mean 44.37
RMS 48.36
signal [adc counts]

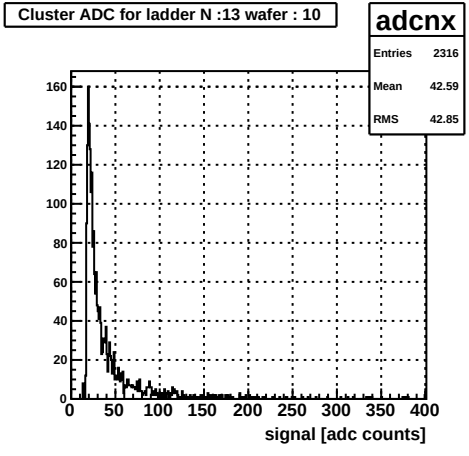

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 2142
Mean 51.48
RMS 51.32
signal [adc counts]

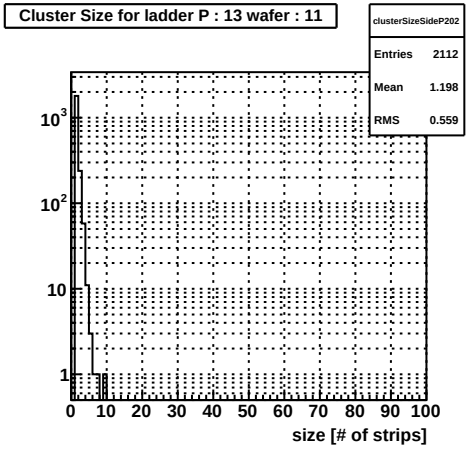

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 3526
Mean 1.272
RMS 0.6146
size [# of strips]

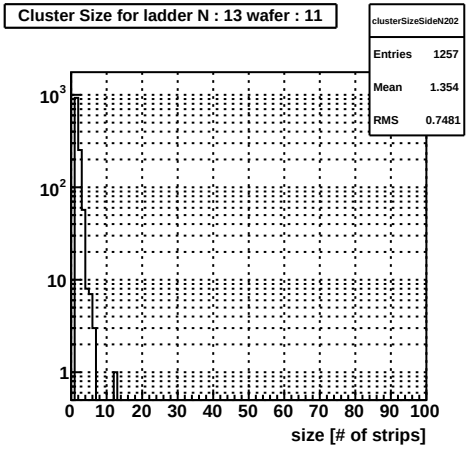

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 2316
Mean 1.218
RMS 0.5732
size [# of strips]

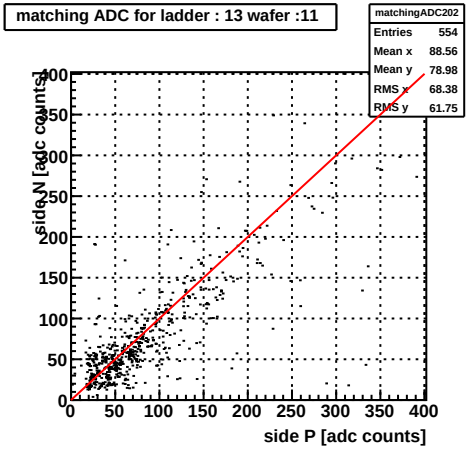

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 640
Mean x 89.36
Mean y 49.82
RMS x 72.17
RMS y 44.53
side N [adc counts]
side P [adc counts]

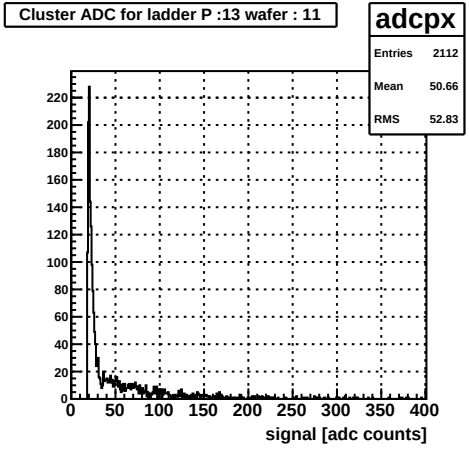

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 3526
Mean 54.26
RMS 47.14
signal [adc counts]

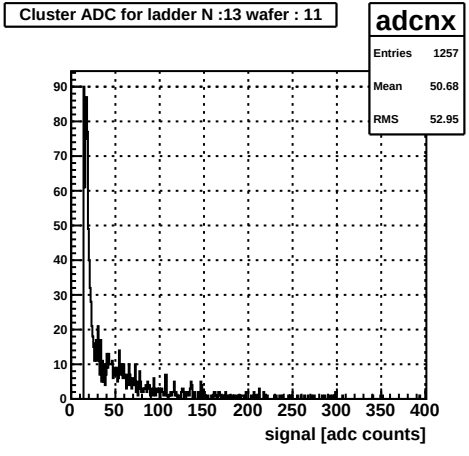

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 2316
Mean 42.59
RMS 42.85
signal [adc counts]

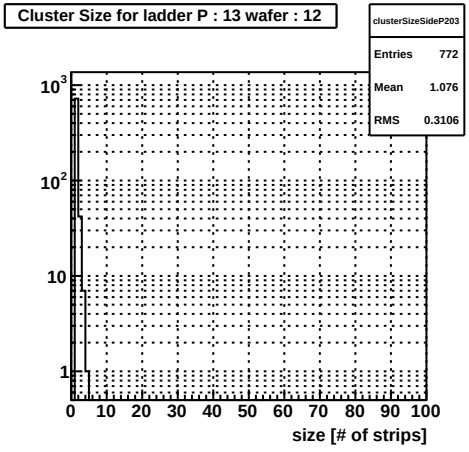

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 2112
Mean 1.198
RMS 0.559
size [# of strips]

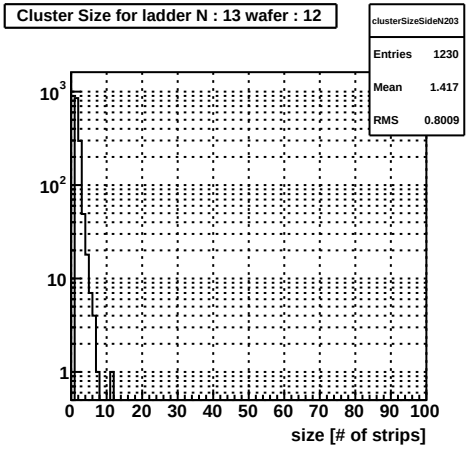

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 1257
Mean 1.354
RMS 0.7481
size [# of strips]

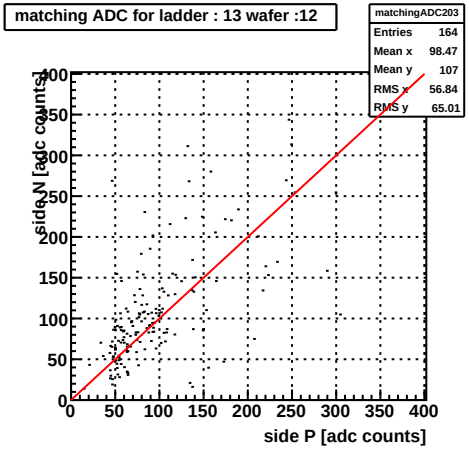

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 554
Mean x 88.56
Mean y 78.98
RMS x 68.38
RMS y 61.75
side N [adc counts]
side P [adc counts]

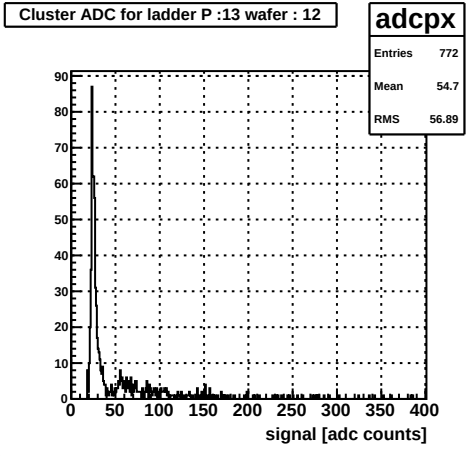

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 2112
Mean 50.66
RMS 52.83
signal [adc counts]

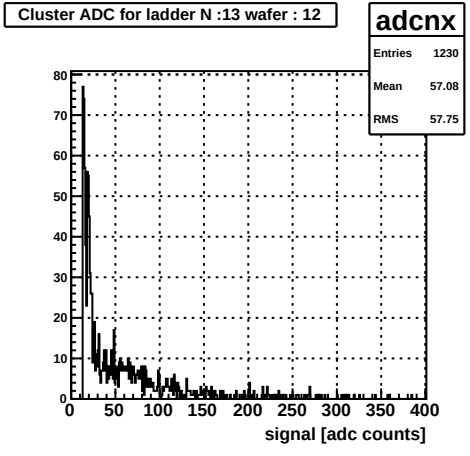

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 1257
Mean 50.68
RMS 52.95
signal [adc counts]

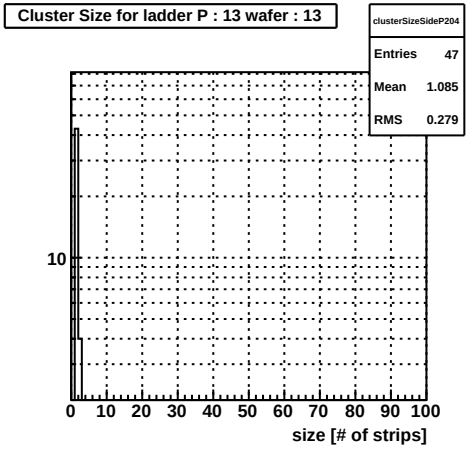

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 772
Mean 1.076
RMS 0.3106
size [# of strips]

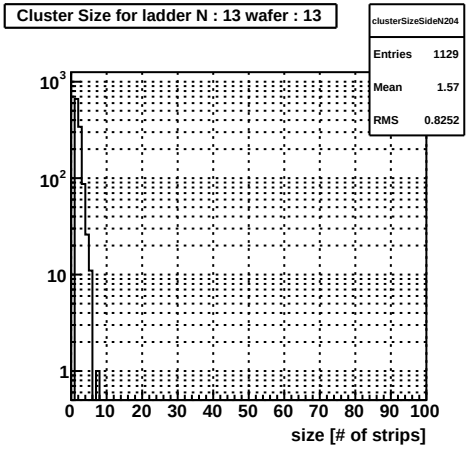

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 1230
Mean 1.417
RMS 0.8009
size [# of strips]

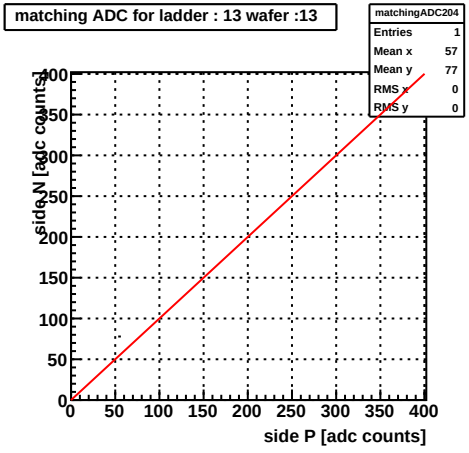

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 164
Mean x 98.47
Mean y 107
RMS x 56.84
RMS y 65.01
side N [adc counts]
side P [adc counts]

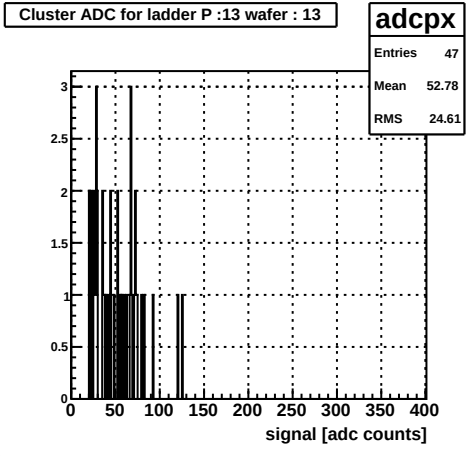

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 772
Mean 54.7
RMS 56.89
signal [adc counts]

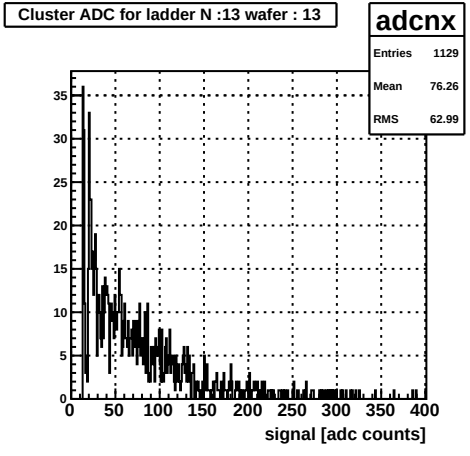

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 1230
Mean 57.08
RMS 57.75
signal [adc counts]

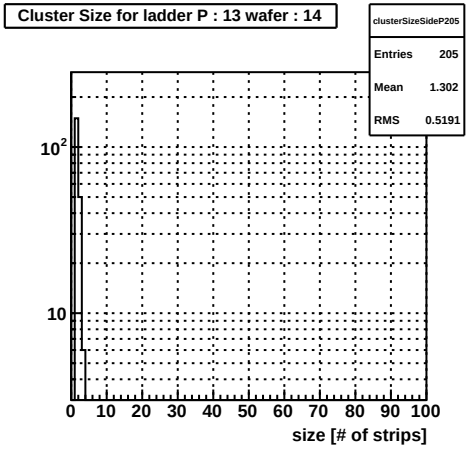

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 47
Mean 1.085
RMS 0.279
size [# of strips]

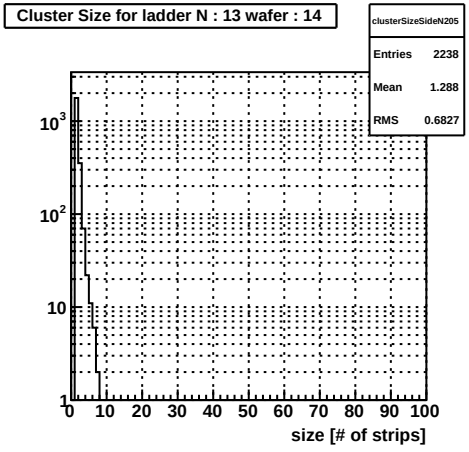

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 1129
Mean 1.57
RMS 0.8252
size [# of strips]

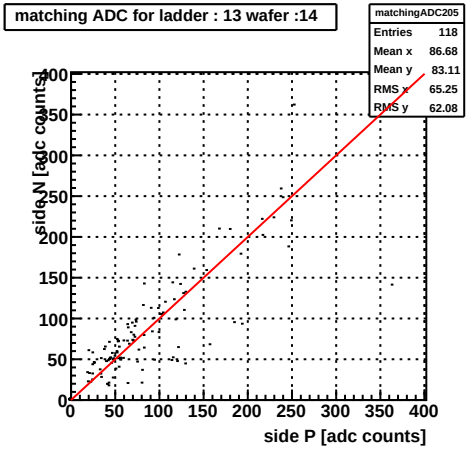

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 1
Mean x 57
Mean y 77
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

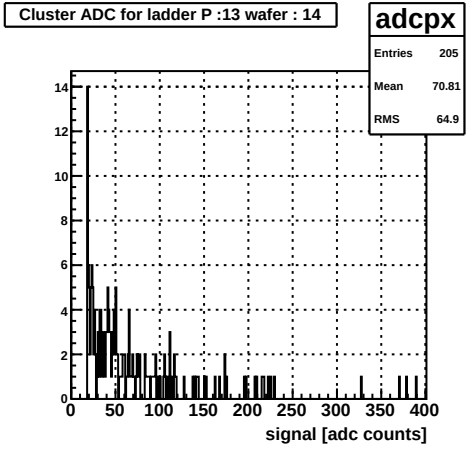

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 47
Mean 52.78
RMS 24.61
signal [adc counts]

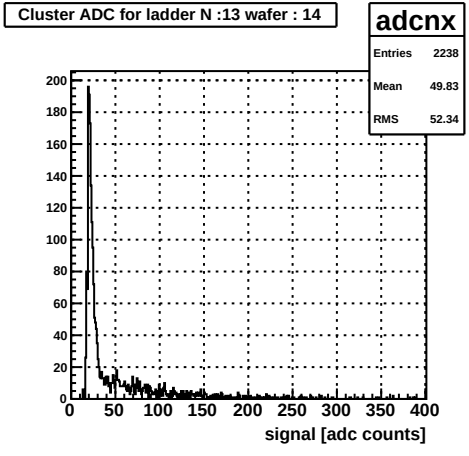

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 1129
Mean 76.26
RMS 62.99
signal [adc counts]

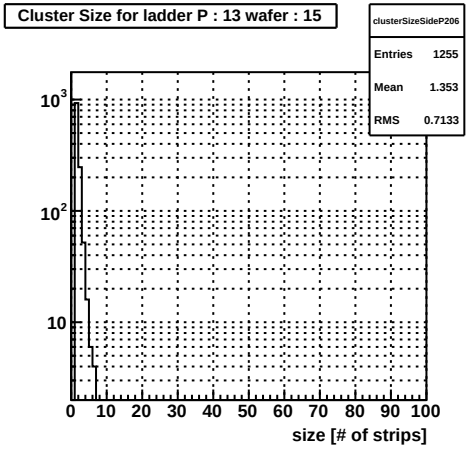

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 205
Mean 1.302
RMS 0.5191
size [# of strips]

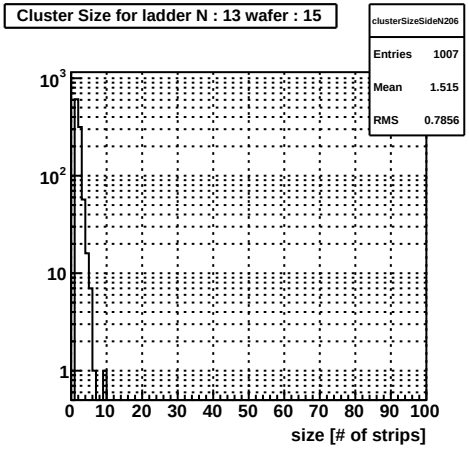

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 2238
Mean 1.288
RMS 0.6827
size [# of strips]

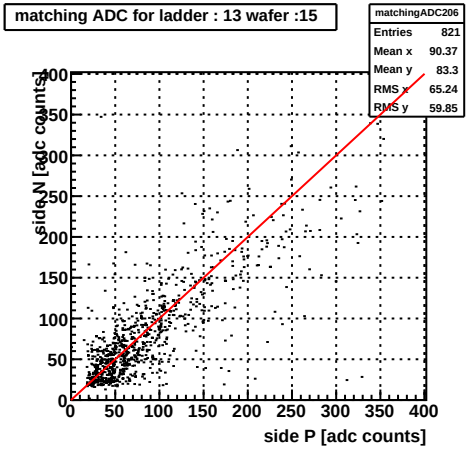

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 118
Mean x 86.68
Mean y 83.11
RMS x 65.25
RMS y 62.08
side N [adc counts]
side P [adc counts]

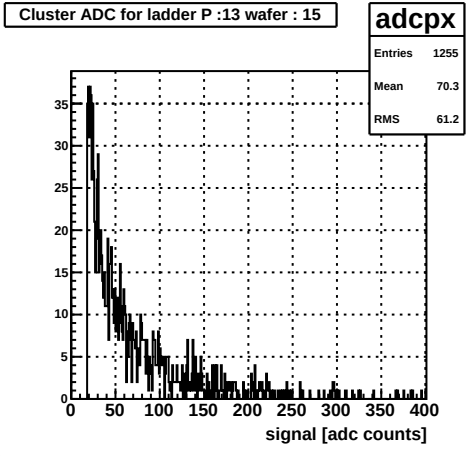

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 205
Mean 70.81
RMS 64.9
signal [adc counts]

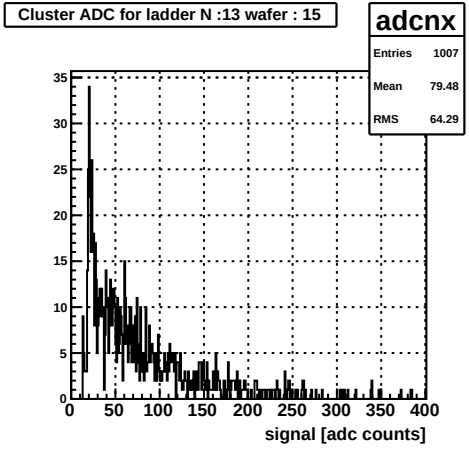

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 2238
Mean 49.83
RMS 52.34
signal [adc counts]

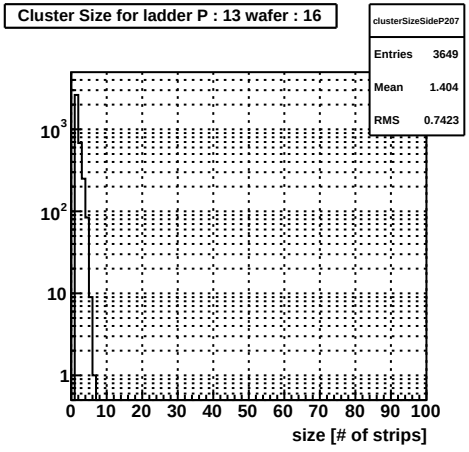

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 1255
Mean 1.353
RMS 0.7133
size [# of strips]

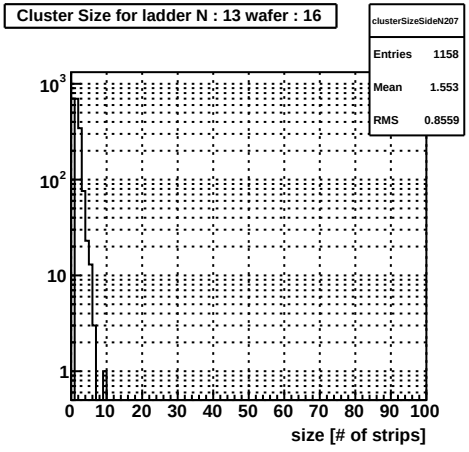

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 1007
Mean 1.515
RMS 0.7856
size [# of strips]

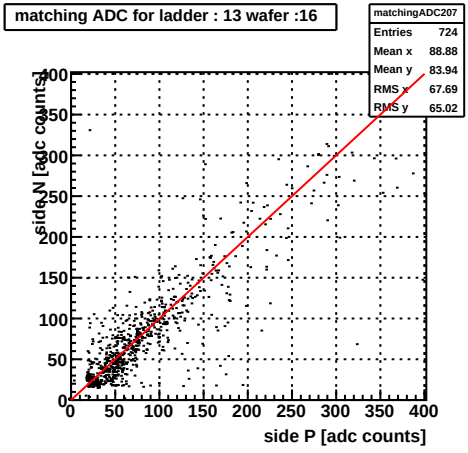

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 821
Mean x 90.37
Mean y 83.3
RMS x 65.24
RMS y 59.85
side N [adc counts]
side P [adc counts]

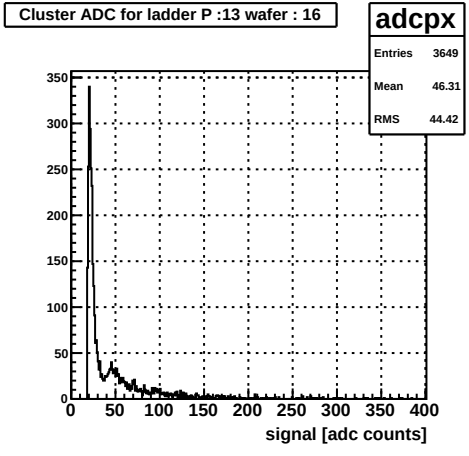

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 1255
Mean 70.3
RMS 61.2
signal [adc counts]

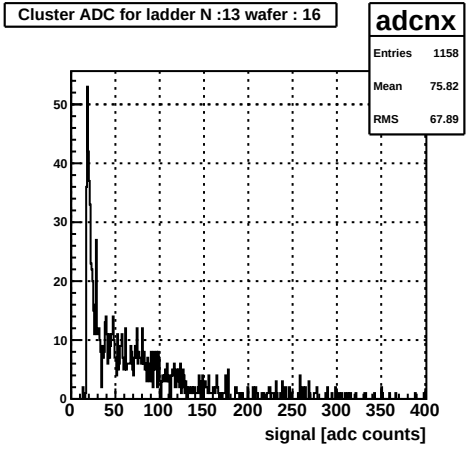

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 1007
Mean 79.48
RMS 64.29
signal [adc counts]

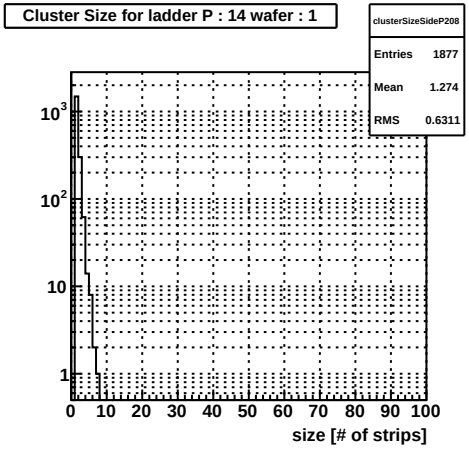

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 3649
Mean 1.404
RMS 0.7423
size [# of strips]

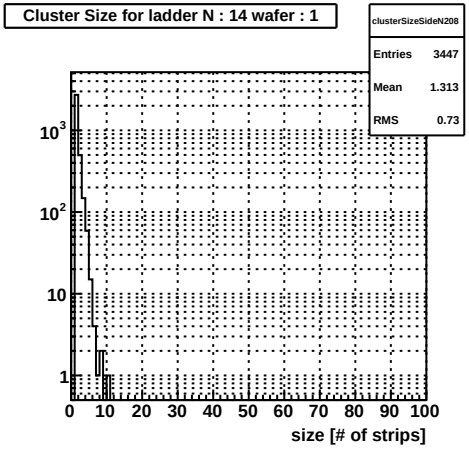

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 1158
Mean 1.553
RMS 0.8559
size [# of strips]

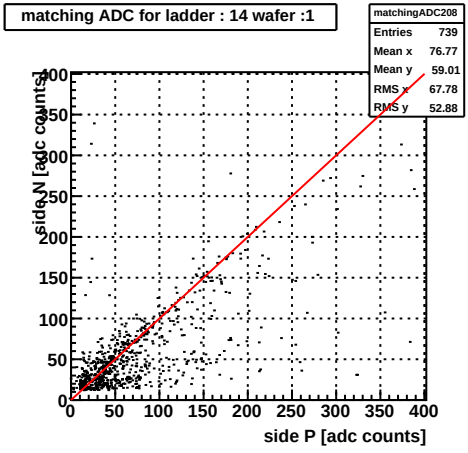

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 724
Mean x 88.88
Mean y 83.94
RMS x 67.69
RMS y 65.02
side N [adc counts]
side P [adc counts]

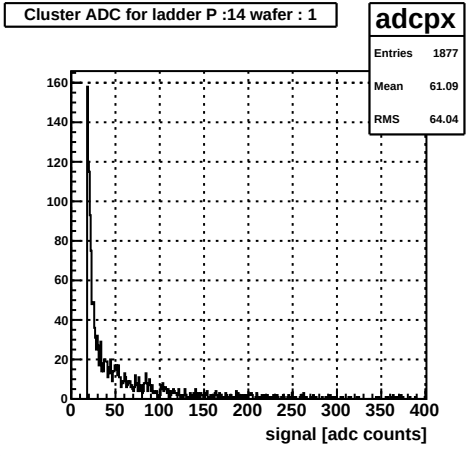

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 3649
Mean 46.31
RMS 44.42
signal [adc counts]

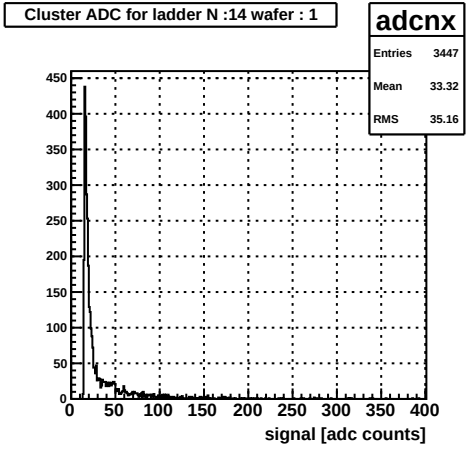

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 1158
Mean 75.82
RMS 67.89
signal [adc counts]

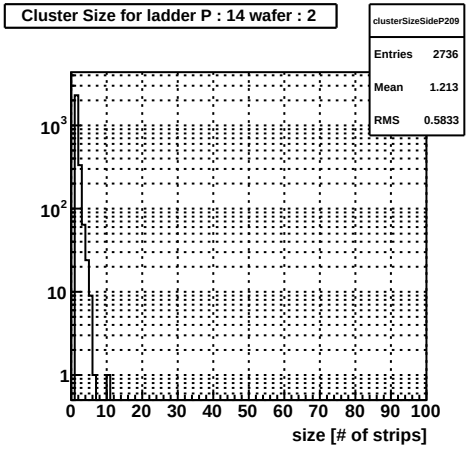

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 1877
Mean 1.274
RMS 0.6311
size [# of strips]

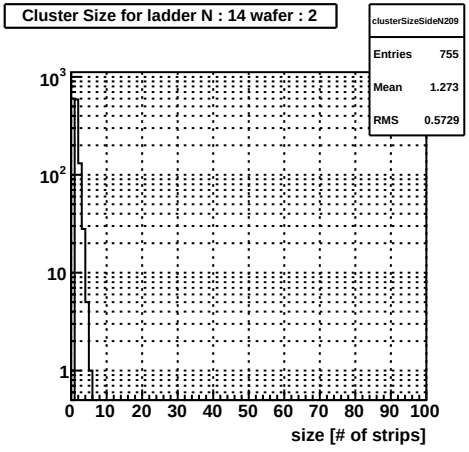

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 3447
Mean 1.313
RMS 0.73
size [# of strips]

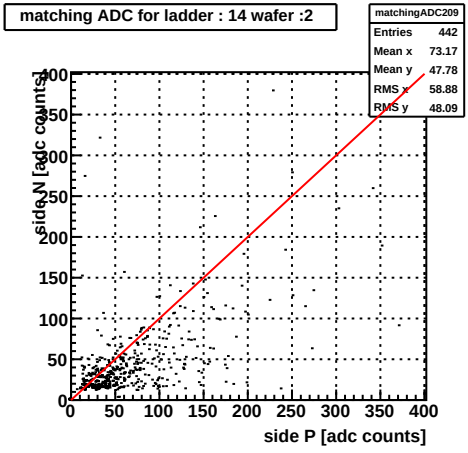

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 739
Mean x 76.77
Mean y 59.01
RMS x 67.78
RMS y 52.88
side N [adc counts]
side P [adc counts]

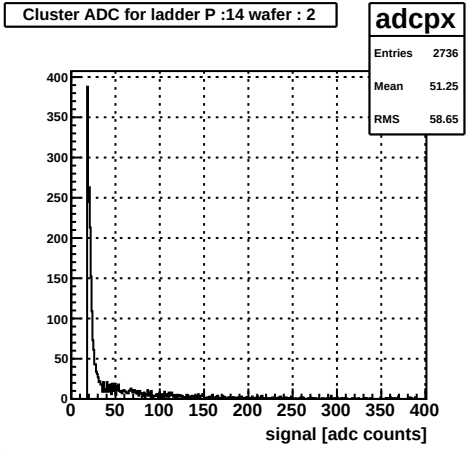

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 1877
Mean 61.09
RMS 64.04
signal [adc counts]

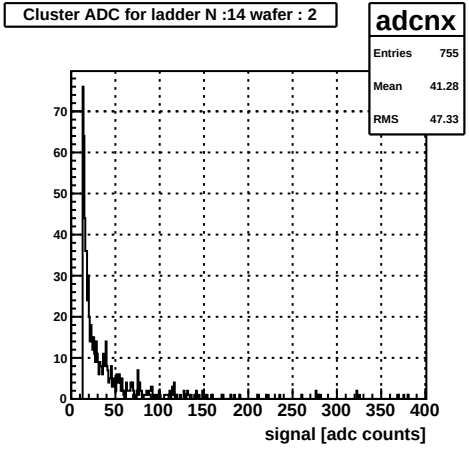

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 3447
Mean 33.32
RMS 35.16
signal [adc counts]

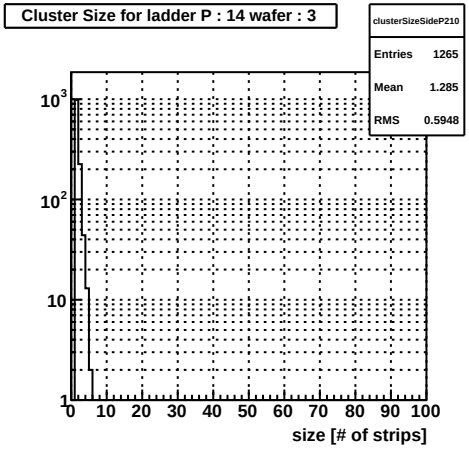

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 2736
Mean 1.213
RMS 0.5833
size [# of strips]

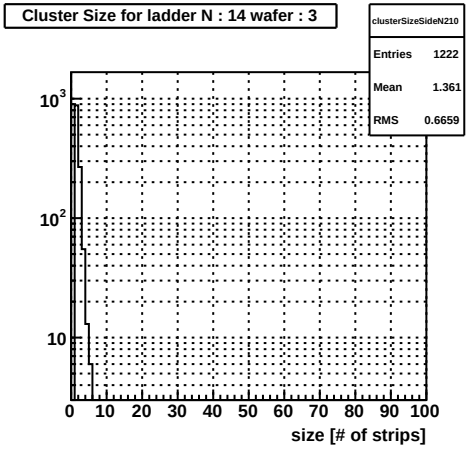

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 755
Mean 1.273
RMS 0.5729
size [# of strips]

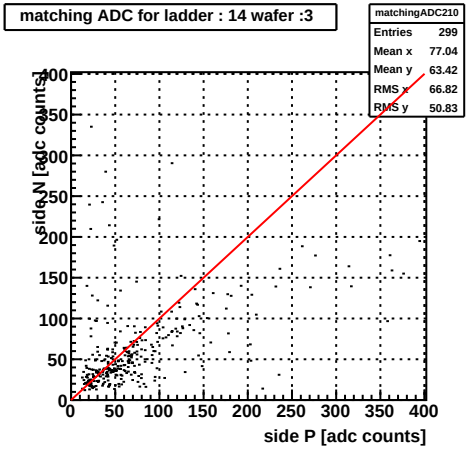

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 442
Mean x 73.17
Mean y 47.78
RMS x 58.88
RMS y 48.09
side N [adc counts]
side P [adc counts]

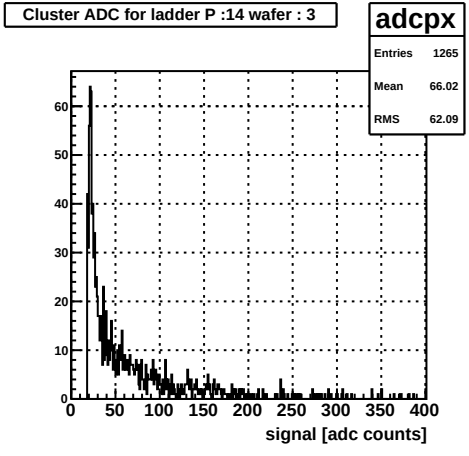

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 2736
Mean 51.25
RMS 58.65
signal [adc counts]

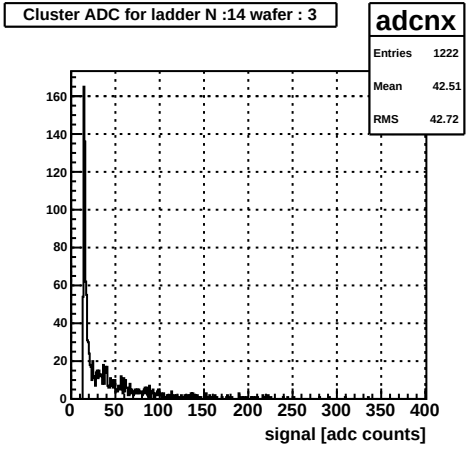

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 755
Mean 41.28
RMS 47.33
signal [adc counts]

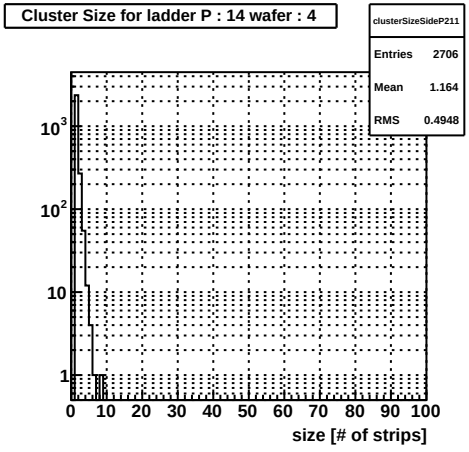

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 1265
Mean 1.285
RMS 0.5948
size [# of strips]

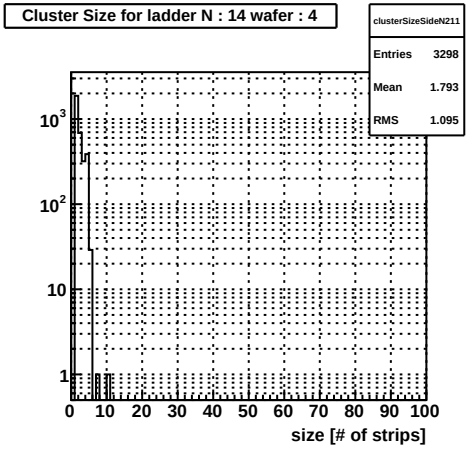

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 1222
Mean 1.361
RMS 0.6659
size [# of strips]

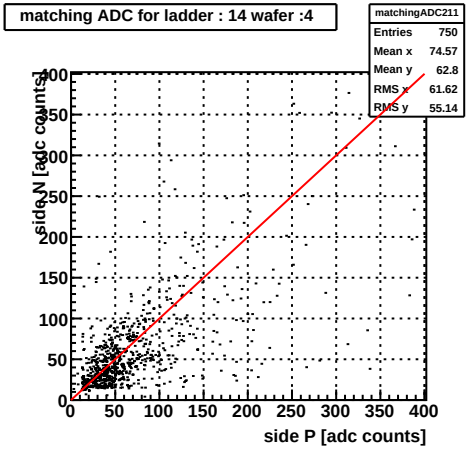

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 299
Mean x 77.04
Mean y 63.42
RMS x 66.82
RMS y 50.83
side N [adc counts]
side P [adc counts]

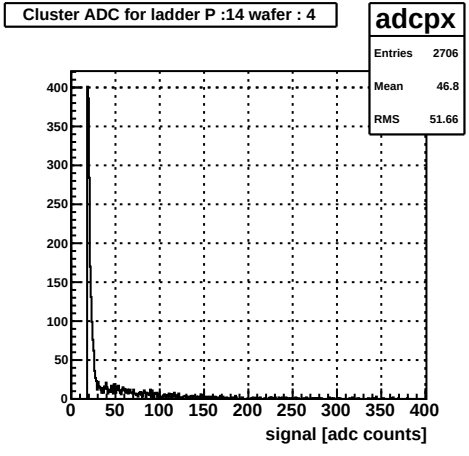

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 1265
Mean 66.02
RMS 62.09
signal [adc counts]

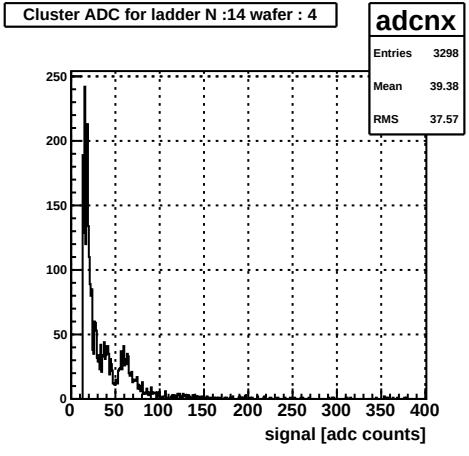

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 1222
Mean 42.51
RMS 42.72
signal [adc counts]

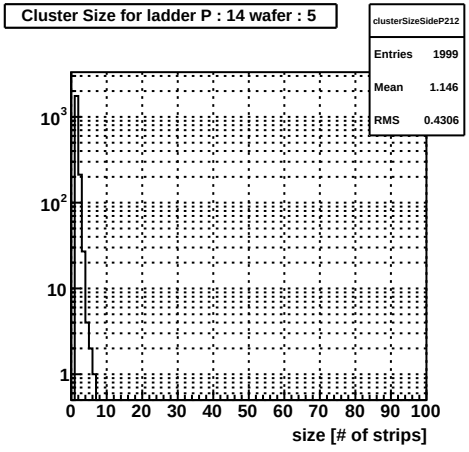

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 2706
Mean 1.164
RMS 0.4948
size [# of strips]

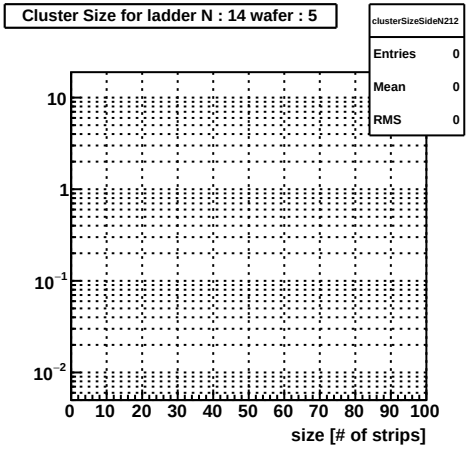

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 3298
Mean 1.793
RMS 1.095
size [# of strips]

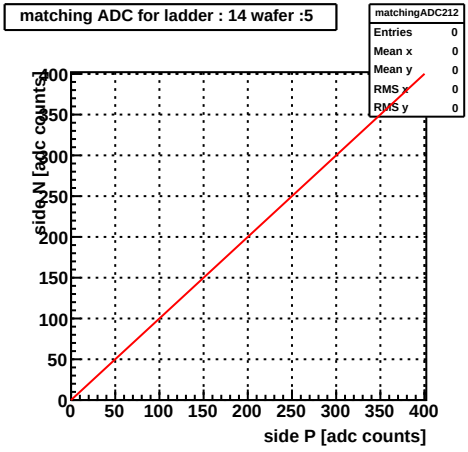

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 750
Mean x 74.57
Mean y 62.8
RMS x 61.62
RMS y 55.14
side N [adc counts]
side P [adc counts]

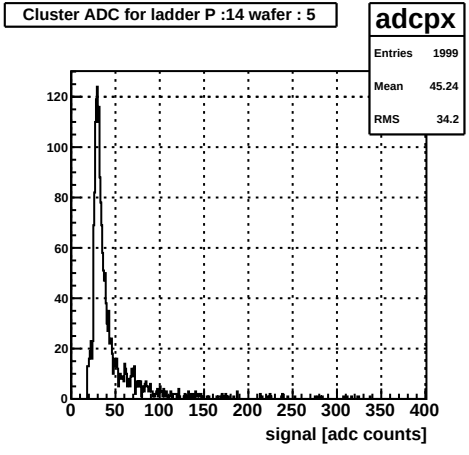

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 2706
Mean 46.8
RMS 51.66
signal [adc counts]

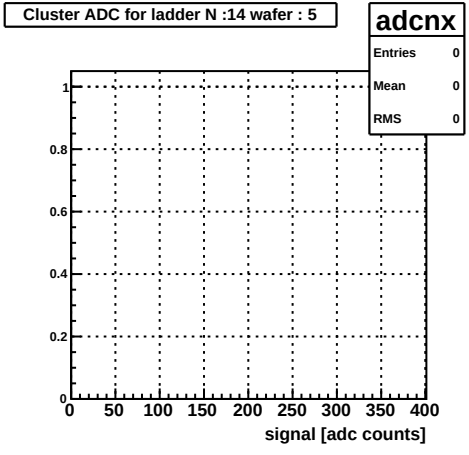

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 3298
Mean 39.38
RMS 37.57
signal [adc counts]

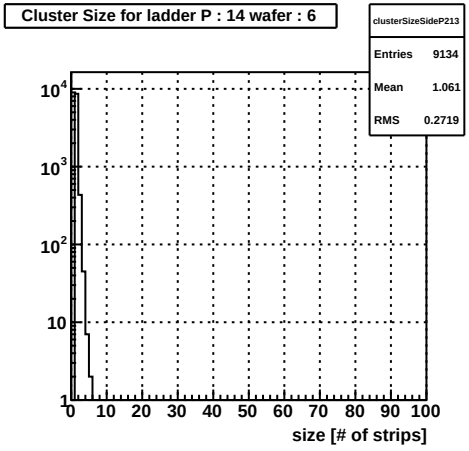

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 1999
Mean 1.146
RMS 0.4306
size [# of strips]

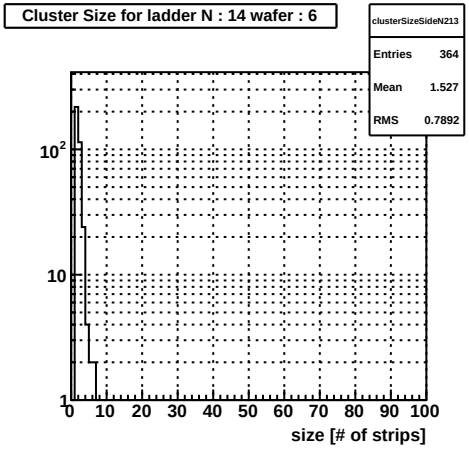

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

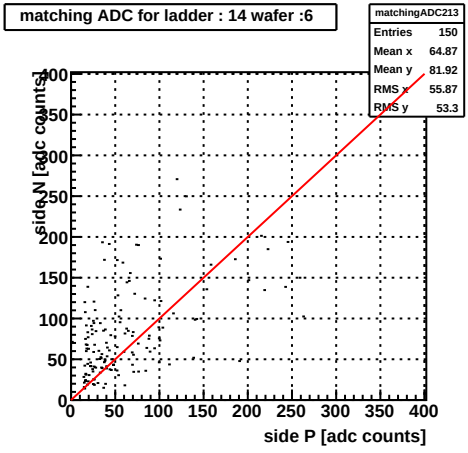

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

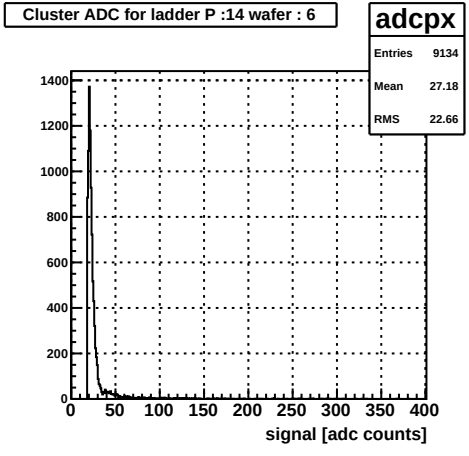

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 1999
Mean 45.24
RMS 34.2
signal [adc counts]

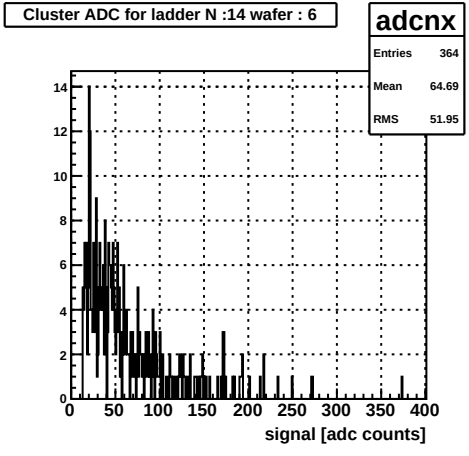

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

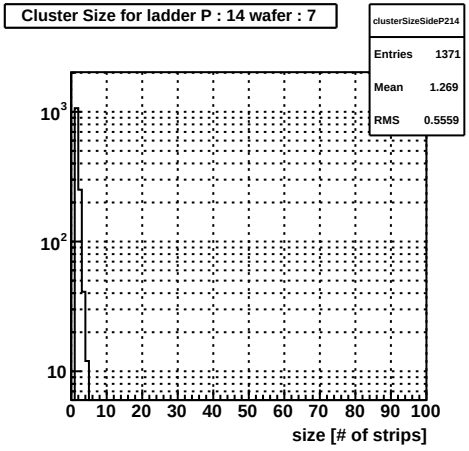

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 9134
Mean 1.061
RMS 0.2719
size [# of strips]

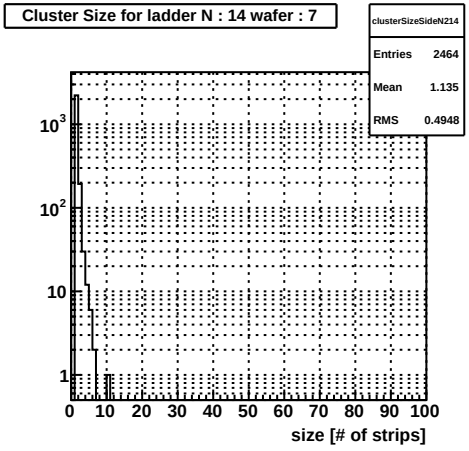

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 364
Mean 1.527
RMS 0.7892
size [# of strips]

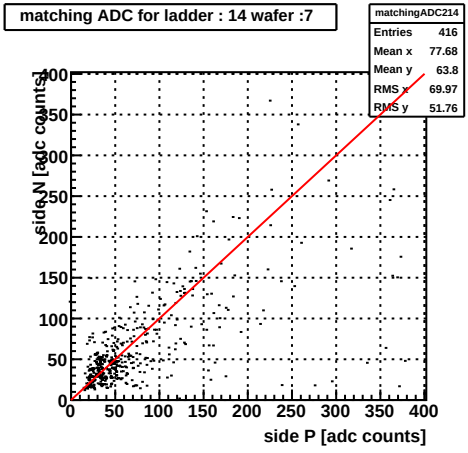

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 150
Mean x 64.87
Mean y 81.92
RMS x 55.87
RMS y 53.3
side N [adc counts]
side P [adc counts]

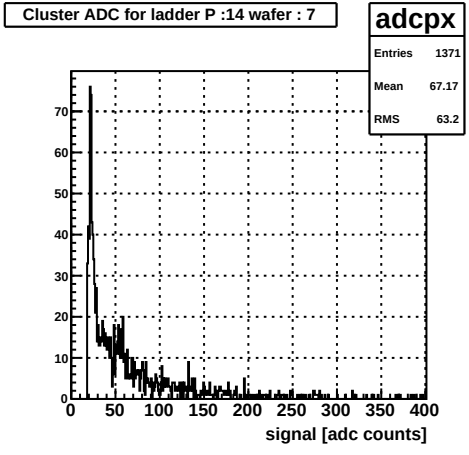

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 9134
Mean 27.18
RMS 22.66
signal [adc counts]

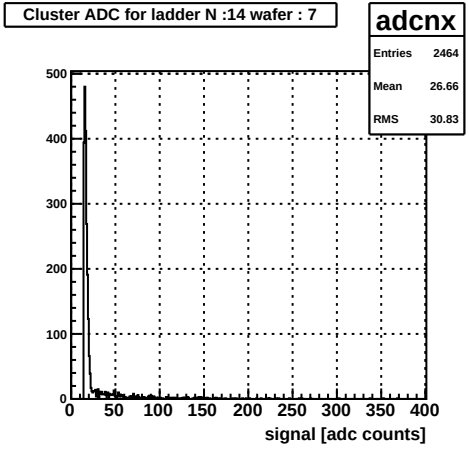

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 364
Mean 64.69
RMS 51.95
signal [adc counts]

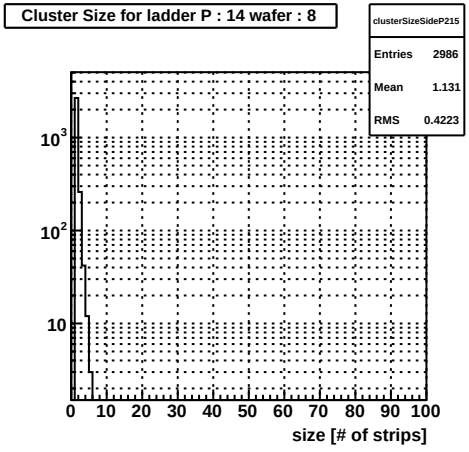

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 1371
Mean 1.269
RMS 0.5559
size [# of strips]

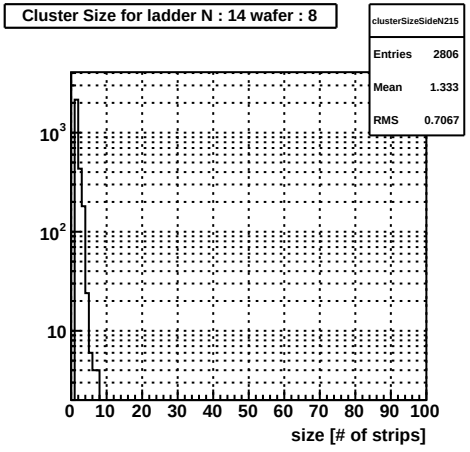

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 2464
Mean 1.135
RMS 0.4948
size [# of strips]

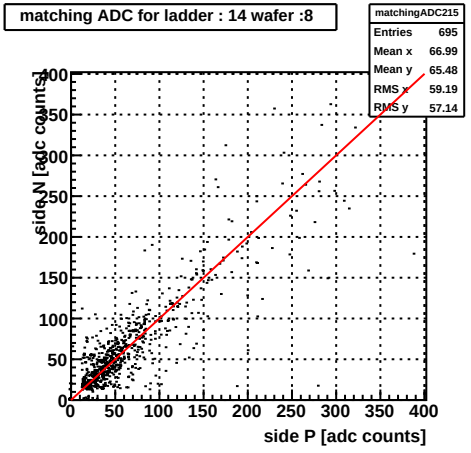

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 416
Mean x 77.68
Mean y 63.8
RMS x 69.97
RMS y 51.76
side N [adc counts]
side P [adc counts]

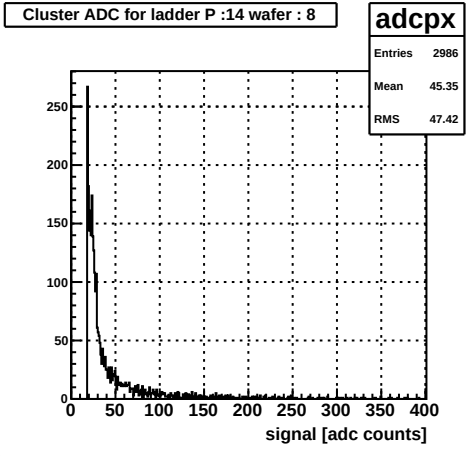

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 1371
Mean 67.17
RMS 63.2
signal [adc counts]

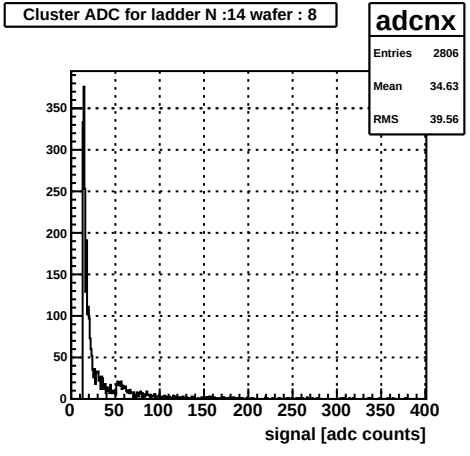

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 2464
Mean 26.66
RMS 30.83
signal [adc counts]

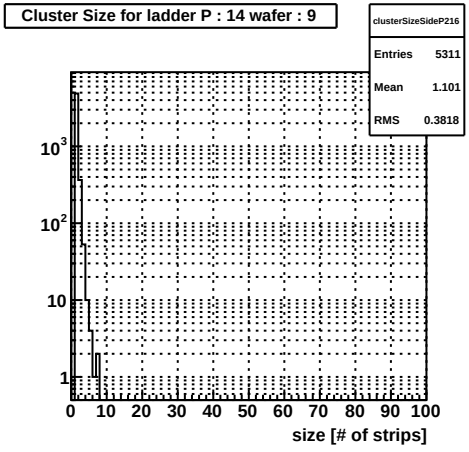

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 2986
Mean 1.131
RMS 0.4223
size [# of strips]

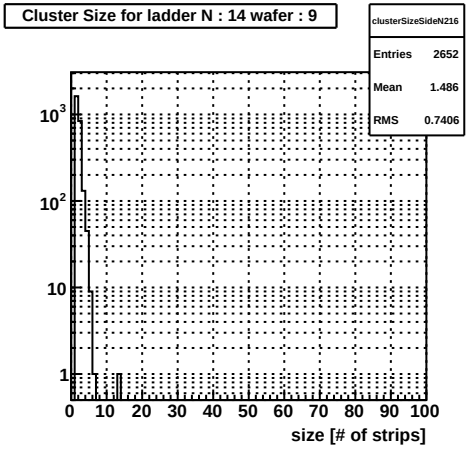

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 2806
Mean 1.333
RMS 0.7067
size [# of strips]

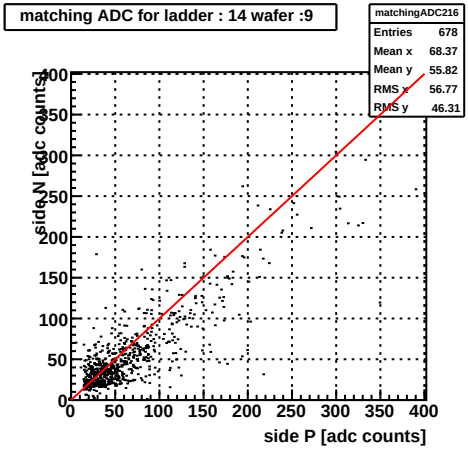

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 695
Mean x 66.99
Mean y 65.48
RMS x 59.19
RMS y 57.14
side N [adc counts]
side P [adc counts]

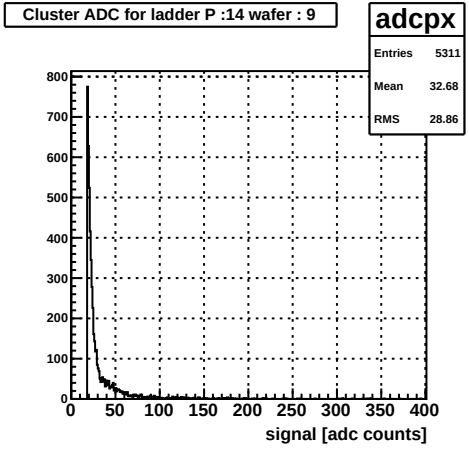

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 2986
Mean 45.35
RMS 47.42
signal [adc counts]

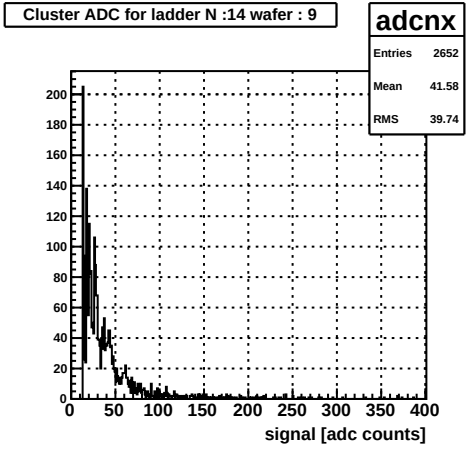

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 2806
Mean 34.63
RMS 39.56
signal [adc counts]

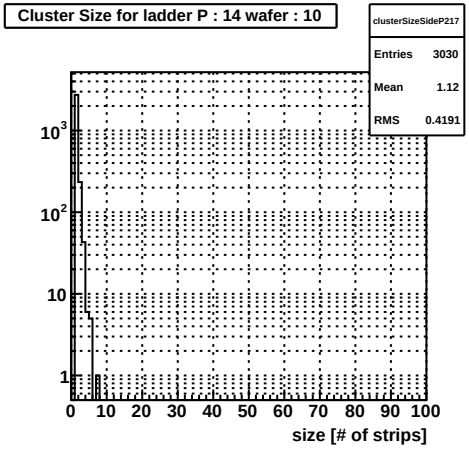

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 5311
Mean 1.101
RMS 0.3818
size [# of strips]

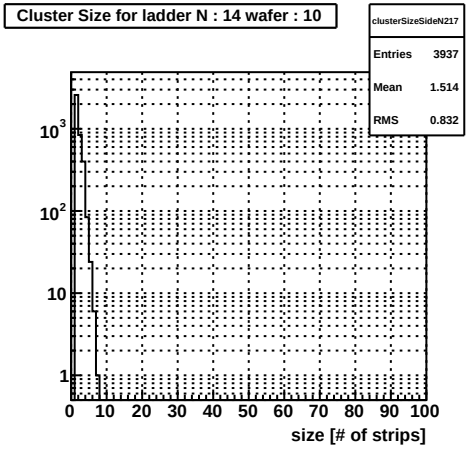

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 2652
Mean 1.486
RMS 0.7406
size [# of strips]

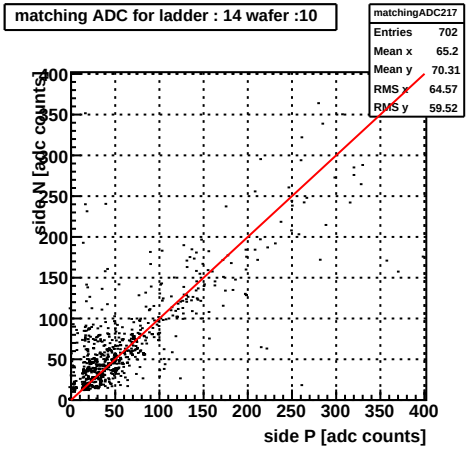

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 678
Mean x 68.37
Mean y 55.82
RMS x 56.77
RMS y 46.31
side N [adc counts]
side P [adc counts]

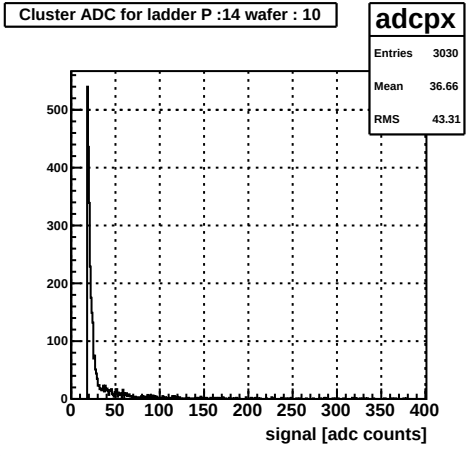

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 5311
Mean 32.68
RMS 28.86
signal [adc counts]

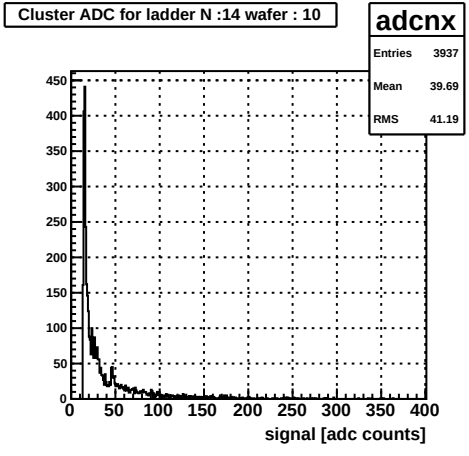

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 2652
Mean 41.58
RMS 39.74
signal [adc counts]

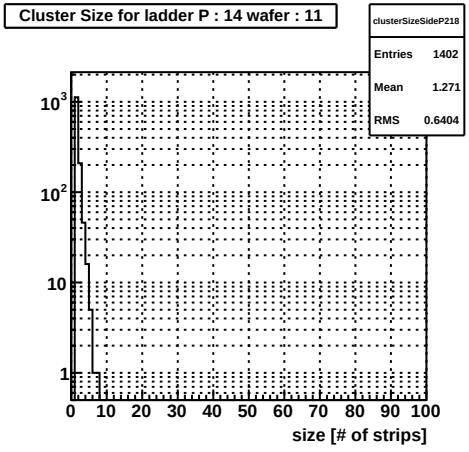

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 3030
Mean 1.12
RMS 0.4191
size [# of strips]

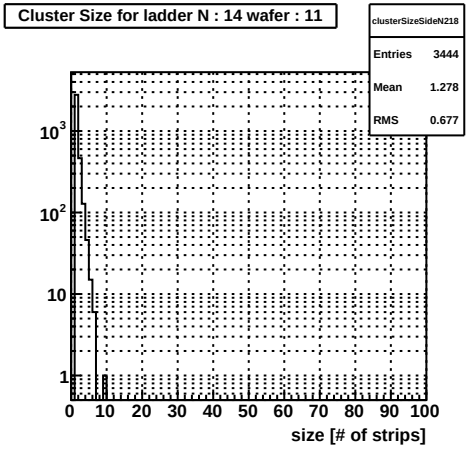

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 3937
Mean 1.514
RMS 0.832
size [# of strips]

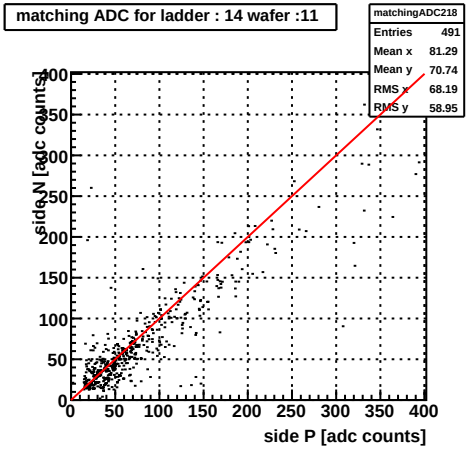

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 702
Mean x 65.2
Mean y 70.31
RMS x 64.57
RMS y 59.52
side N [adc counts]
side P [adc counts]

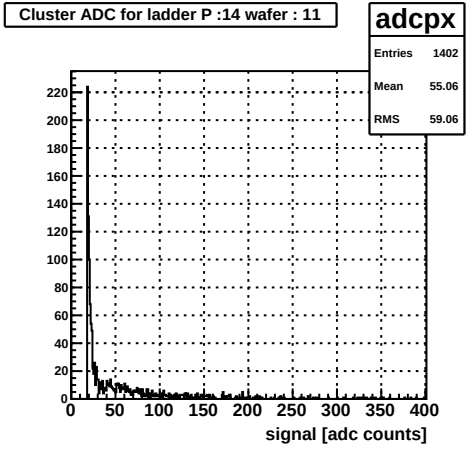

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 3030
Mean 36.66
RMS 43.31
signal [adc counts]

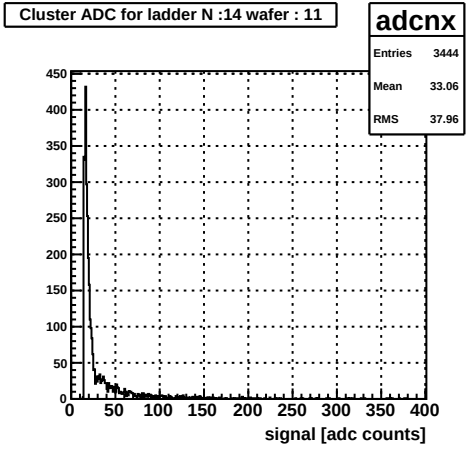

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 3937
Mean 39.69
RMS 41.19
signal [adc counts]

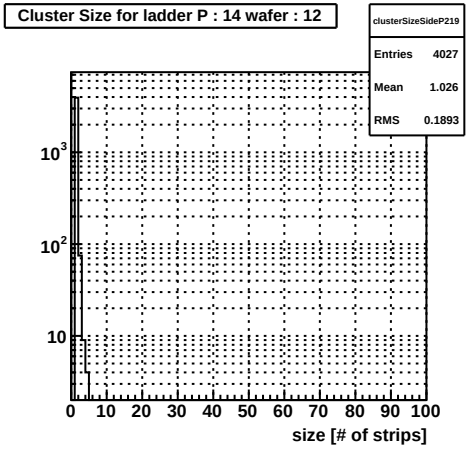

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 1402
Mean 1.271
RMS 0.6404
size [# of strips]

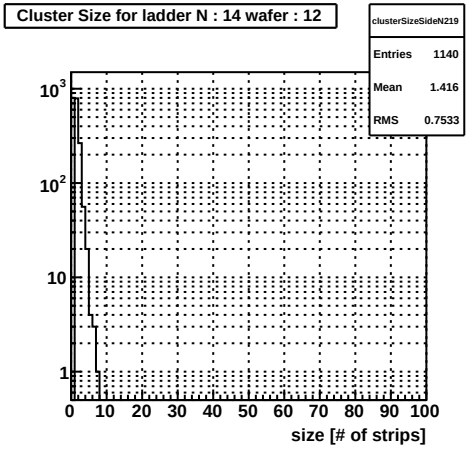

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 3444
Mean 1.278
RMS 0.677
size [# of strips]

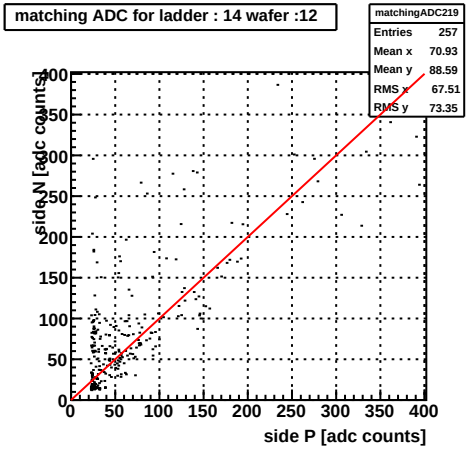

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 491
Mean x 81.29
Mean y 70.74
RMS x 68.19
RMS y 58.95
side N [adc counts]
side P [adc counts]

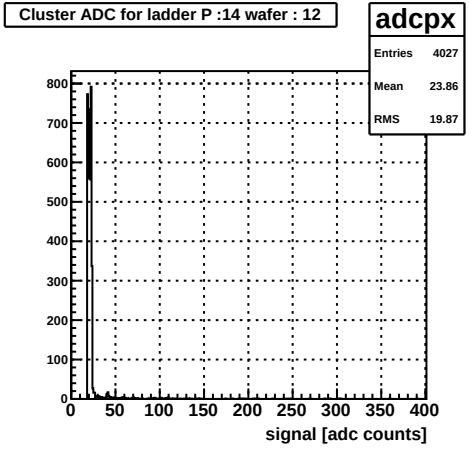

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 1402
Mean 55.06
RMS 59.06
signal [adc counts]

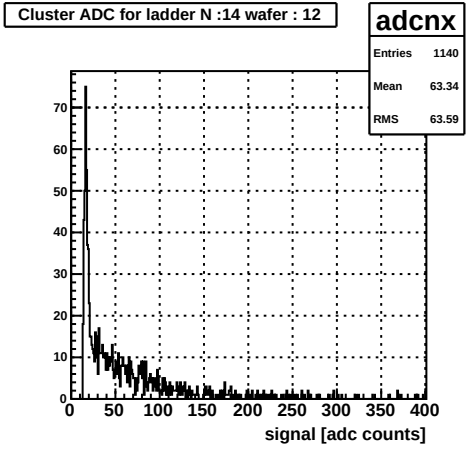

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 3444
Mean 33.06
RMS 37.96
signal [adc counts]

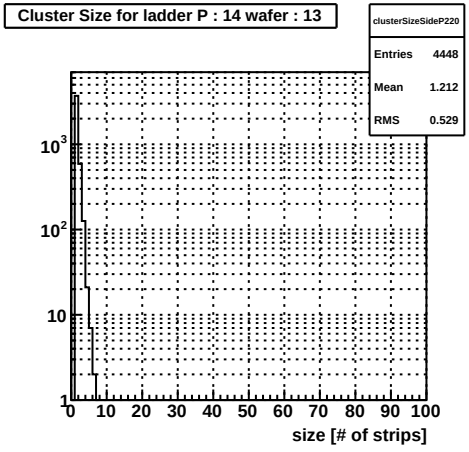

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 4027
Mean 1.026
RMS 0.1893
size [# of strips]

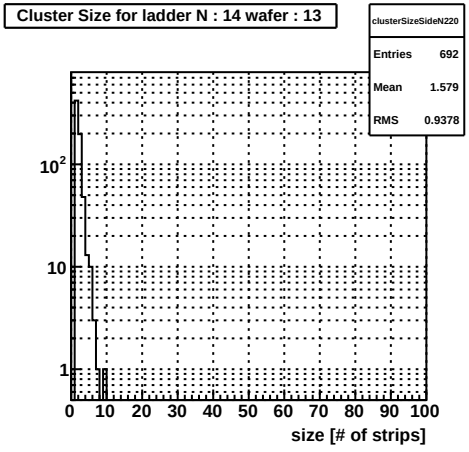

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 1140
Mean 1.416
RMS 0.7533
size [# of strips]

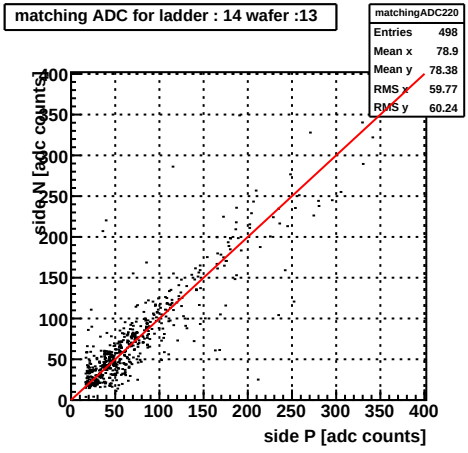

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 257
Mean x 70.93
Mean y 88.59
RMS x 67.51
RMS y 73.35
side N [adc counts]
side P [adc counts]

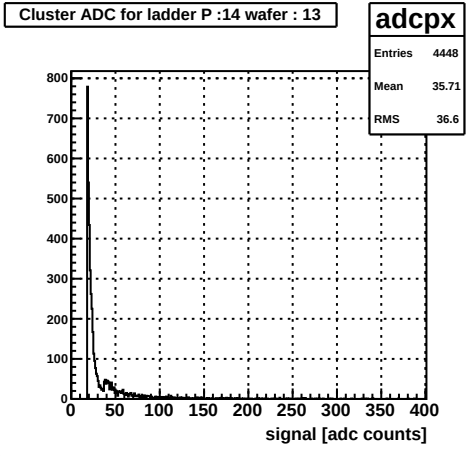

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 4027
Mean 23.86
RMS 19.87
signal [adc counts]

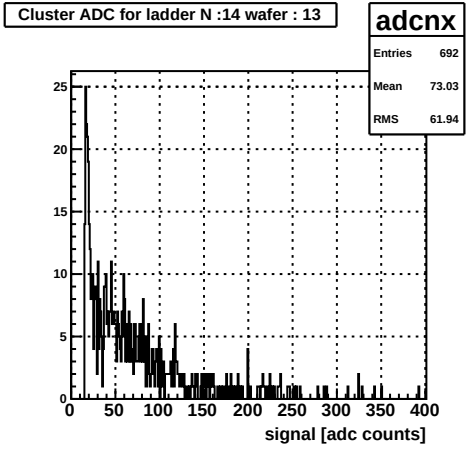

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 1140
Mean 63.34
RMS 63.59
signal [adc counts]

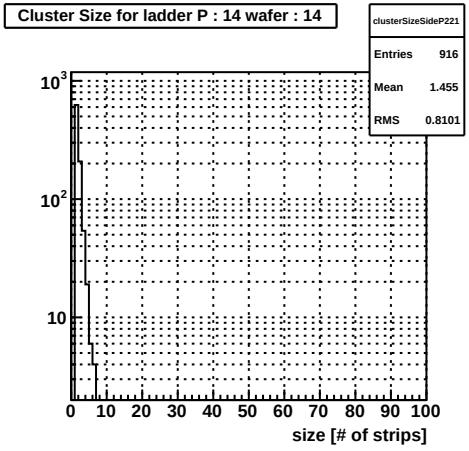

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 4448
Mean 1.212
RMS 0.529
size [# of strips]

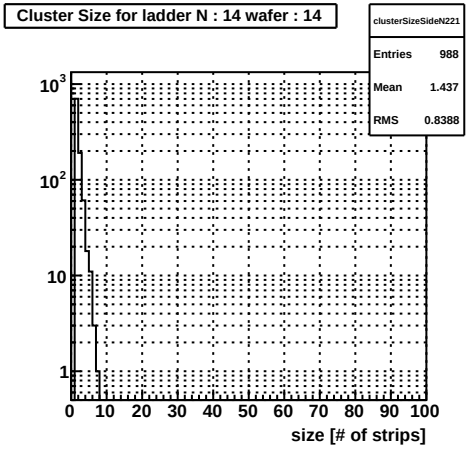

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 692
Mean 1.579
RMS 0.9378
size [# of strips]

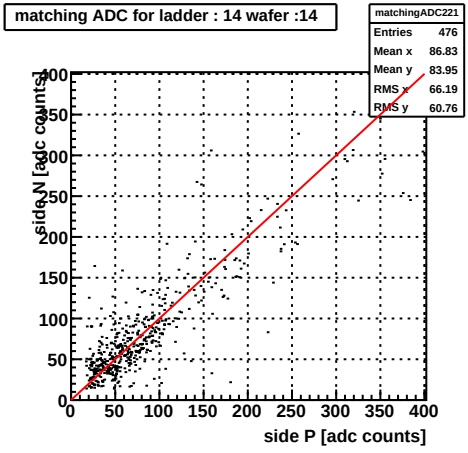

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 498
Mean x 78.9
Mean y 78.38
RMS x 59.77
RMS y 60.24
side N [adc counts]
side P [adc counts]

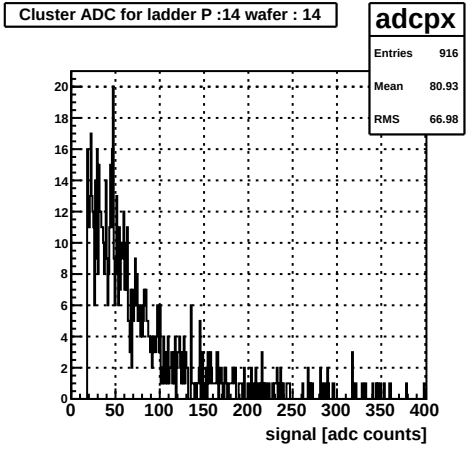

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 4448
Mean 35.71
RMS 36.6
signal [adc counts]

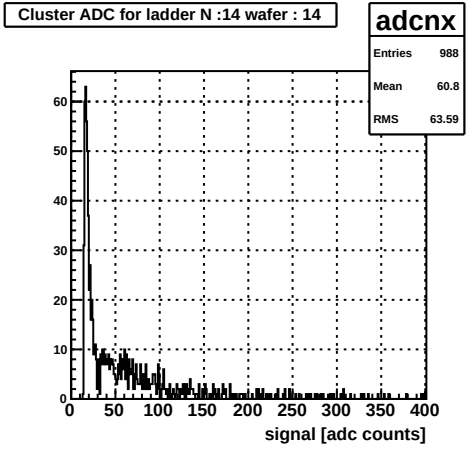

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 692
Mean 73.03
RMS 61.94
signal [adc counts]

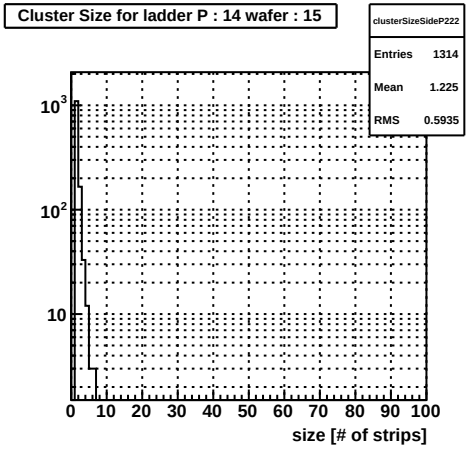

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 916
Mean 1.455
RMS 0.8101
size [# of strips]

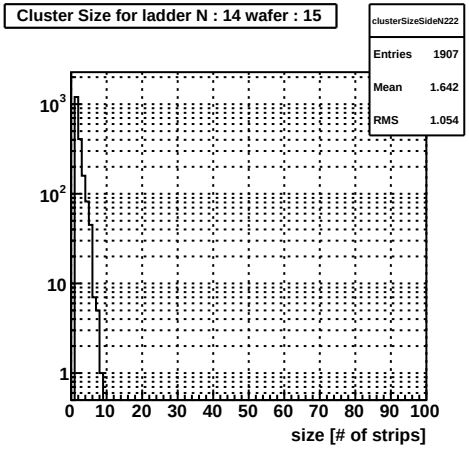

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 988
Mean 1.437
RMS 0.8388
size [# of strips]

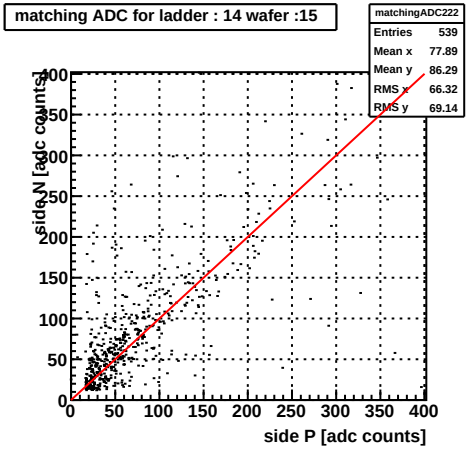

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 476
Mean x 86.83
Mean y 83.95
RMS x 66.19
RMS y 60.76
side N [adc counts]
side P [adc counts]

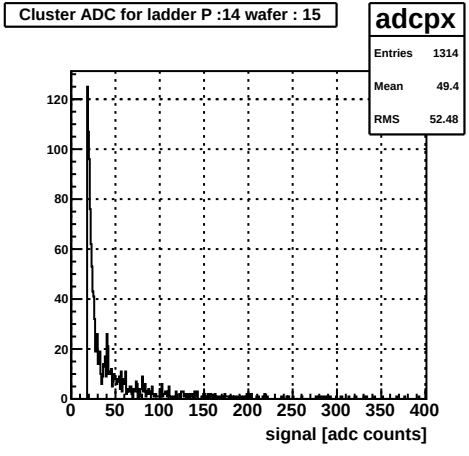

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 916
Mean 80.93
RMS 66.98
signal [adc counts]

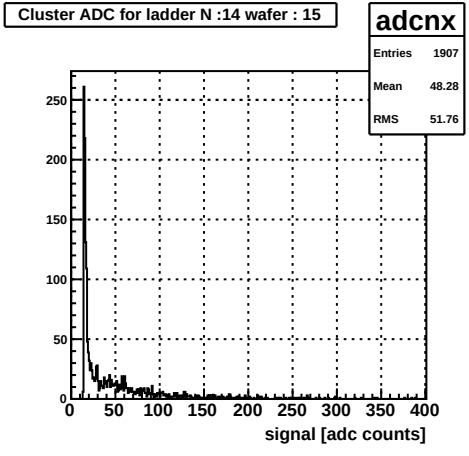

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 988
Mean 60.8
RMS 63.59
signal [adc counts]

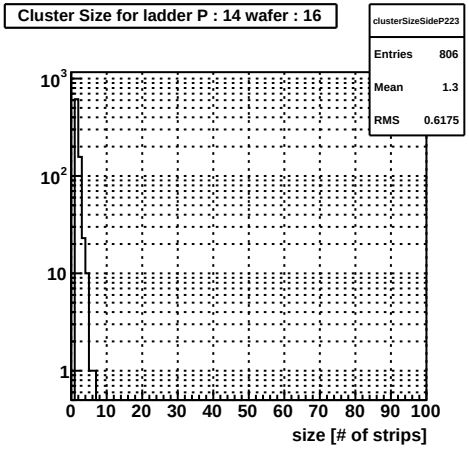

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 1314
Mean 1.225
RMS 0.5935
size [# of strips]

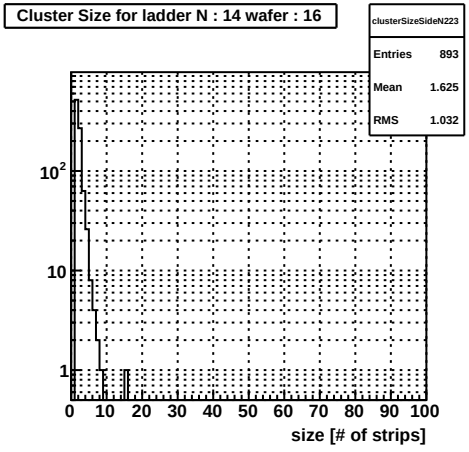

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 1907
Mean 1.642
RMS 1.054
size [# of strips]

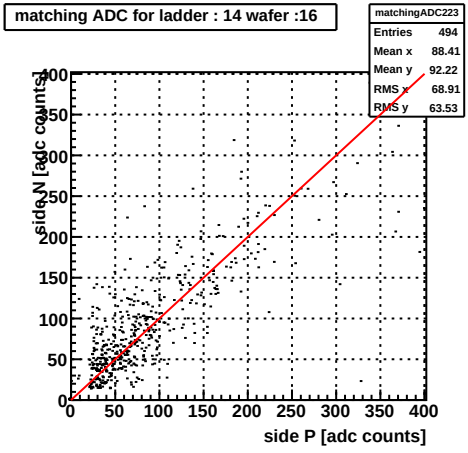

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 539
Mean x 77.89
Mean y 86.29
RMS x 66.32
RMS y 69.14
side N [adc counts]
side P [adc counts]

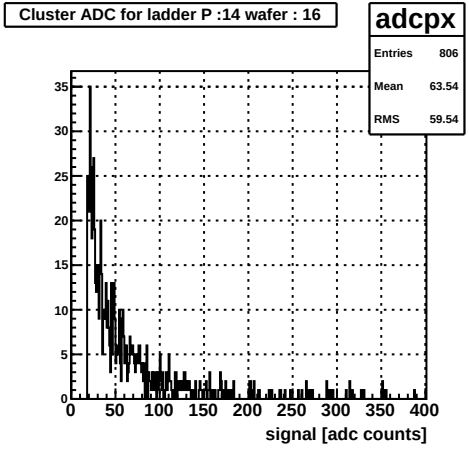

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 1314
Mean 49.4
RMS 52.48
signal [adc counts]

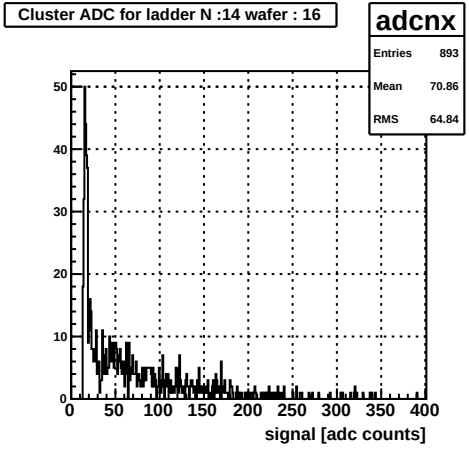

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 1907
Mean 48.28
RMS 51.76
signal [adc counts]

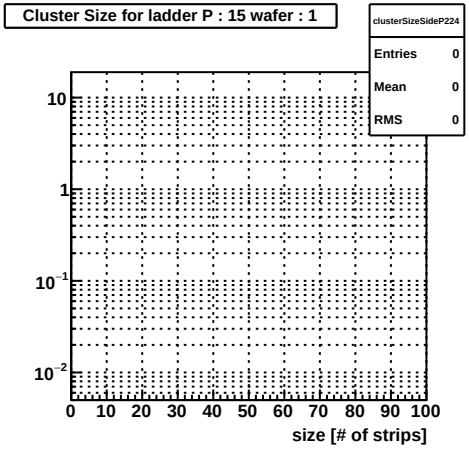

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 806
Mean 1.3
RMS 0.6175
size [# of strips]

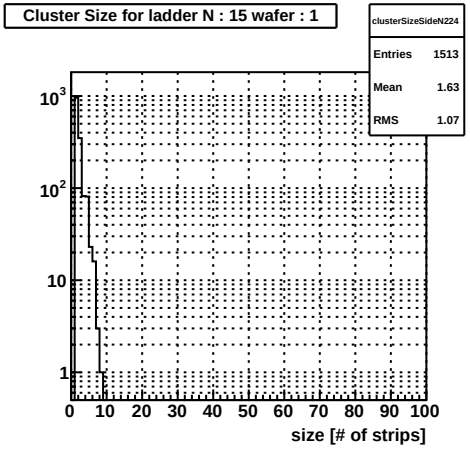

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 893
Mean 1.625
RMS 1.032
size [# of strips]

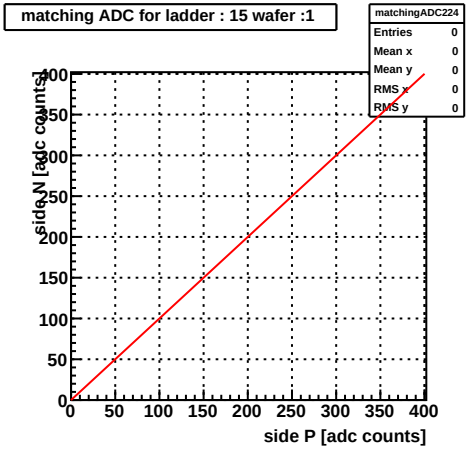

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 494
Mean x 88.41
Mean y 92.22
RMS x 68.91
RMS y 63.53
side N [adc counts]
side P [adc counts]

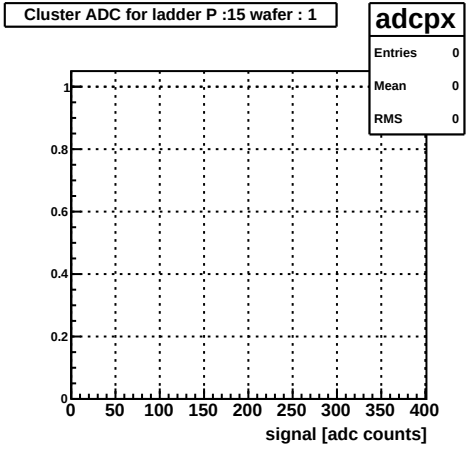

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 806
Mean 63.54
RMS 59.54
signal [adc counts]

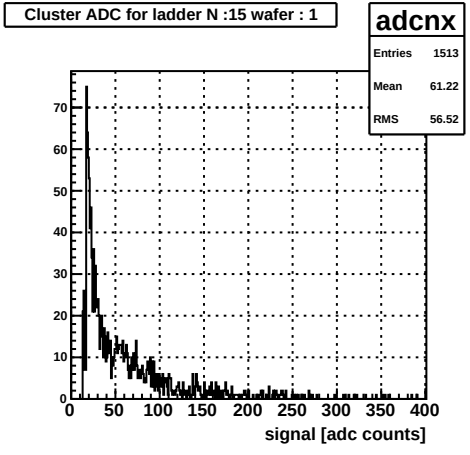

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 893
Mean 70.86
RMS 64.84
signal [adc counts]

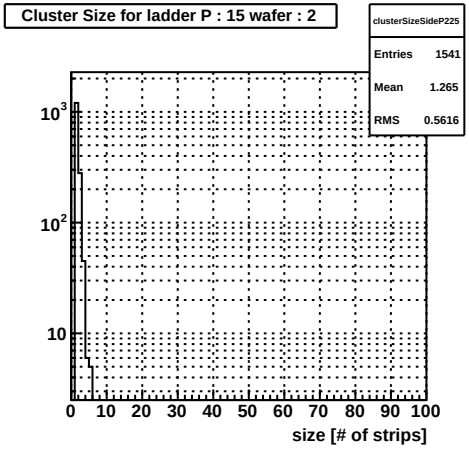

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

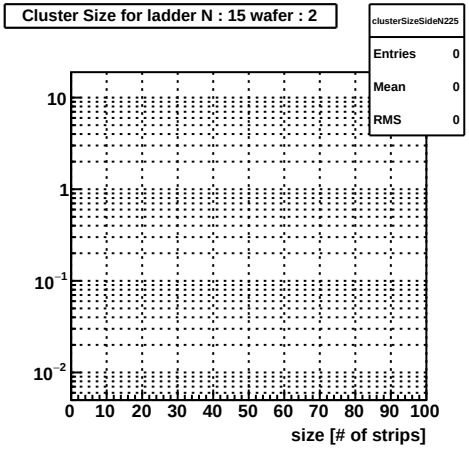

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 1513
Mean 1.63
RMS 1.07
size [# of strips]

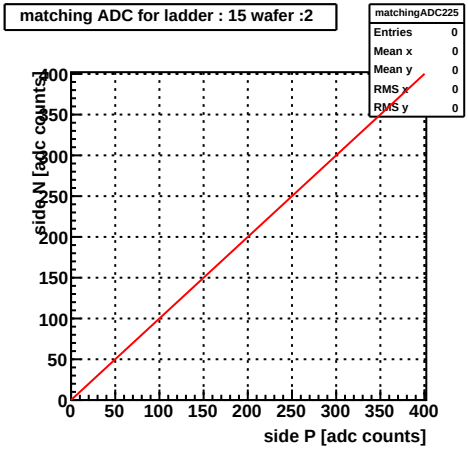

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

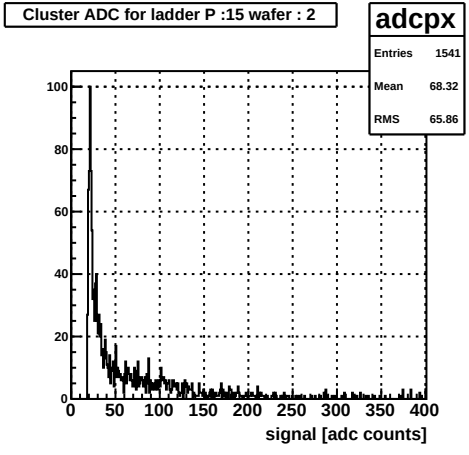

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

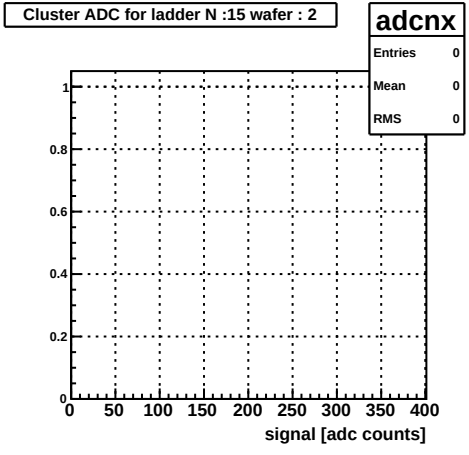

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 1513
Mean 61.22
RMS 56.52
signal [adc counts]

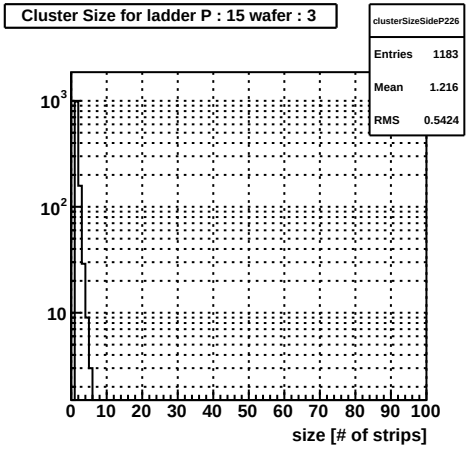

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 1541
Mean 1.265
RMS 0.5616
size [# of strips]

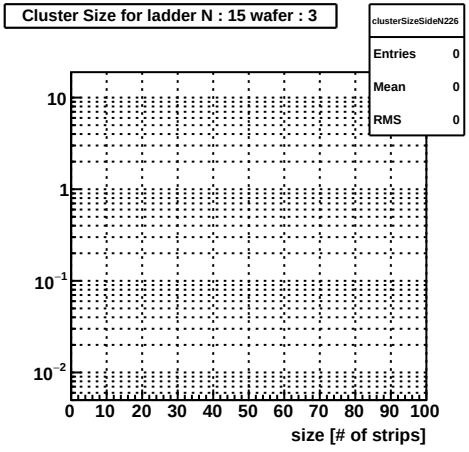

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

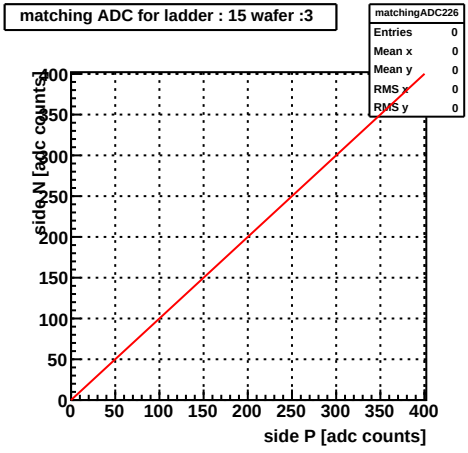

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

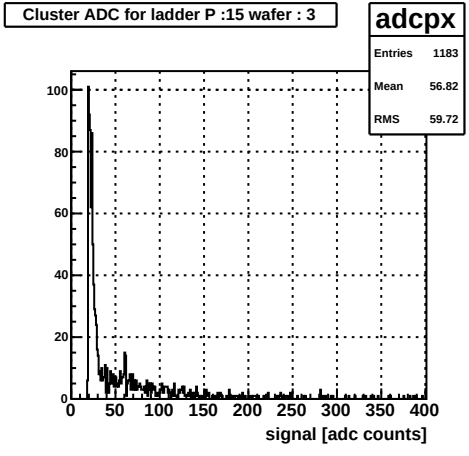

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 1541
Mean 68.32
RMS 65.86
signal [adc counts]

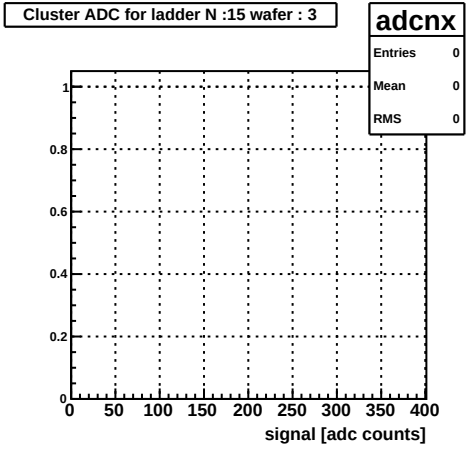

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

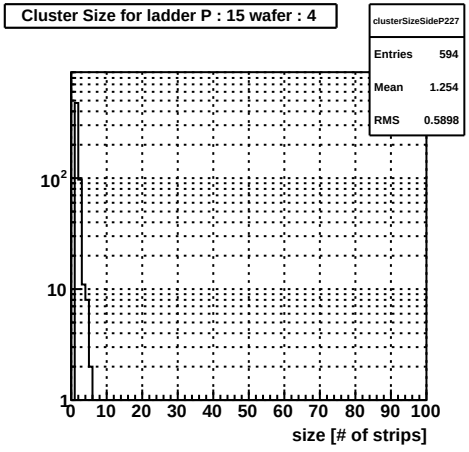

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 1183
Mean 1.216
RMS 0.5424
size [# of strips]

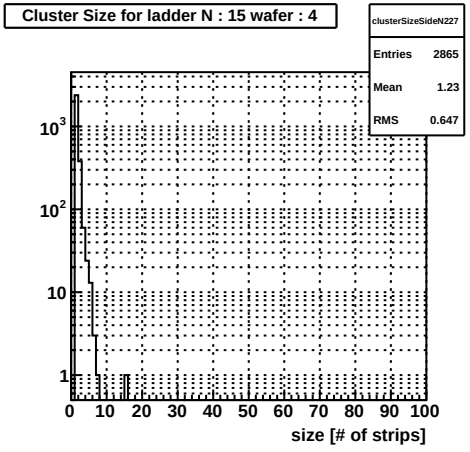

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

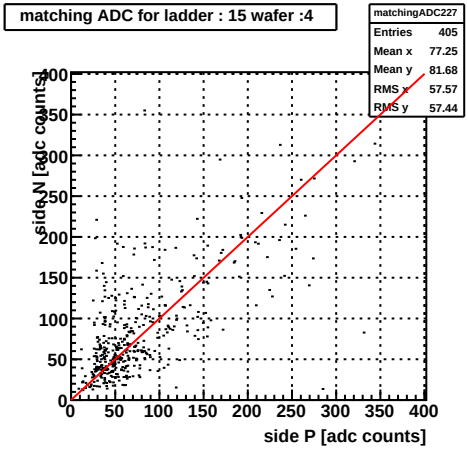

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

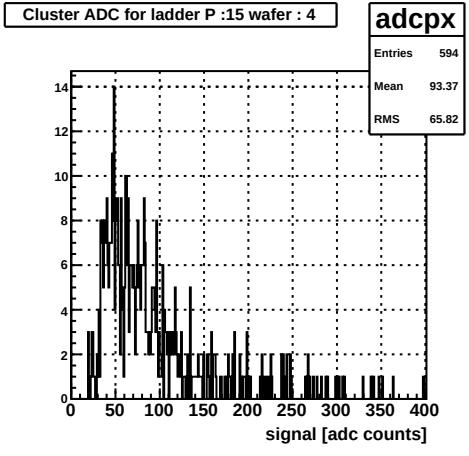

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 1183
Mean 56.82
RMS 59.72
signal [adc counts]

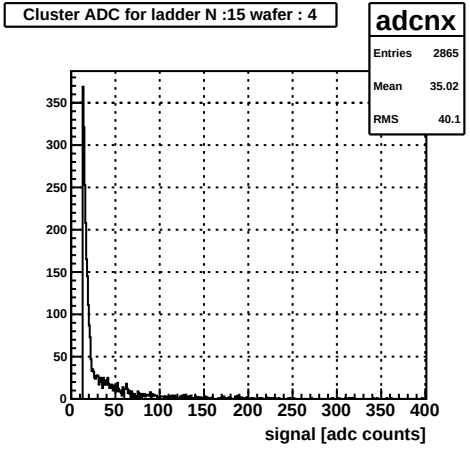

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

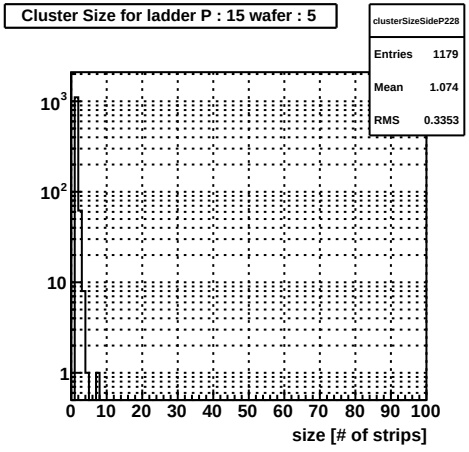

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 594
Mean 1.254
RMS 0.5898
size [# of strips]

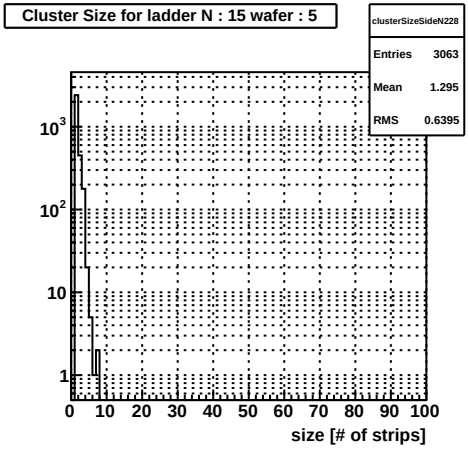

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 2865
Mean 1.23
RMS 0.647
size [# of strips]

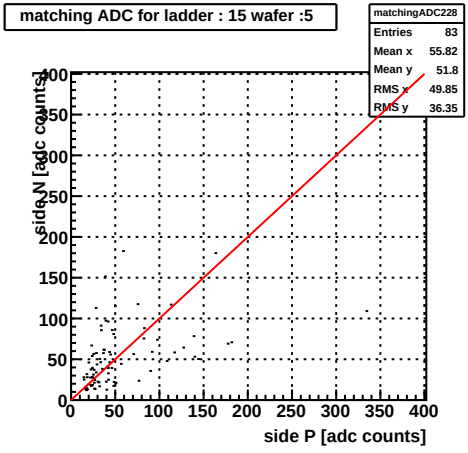

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 405
Mean x 77.25
Mean y 81.68
RMS x 57.57
RMS y 57.44
side N [adc counts]
side P [adc counts]

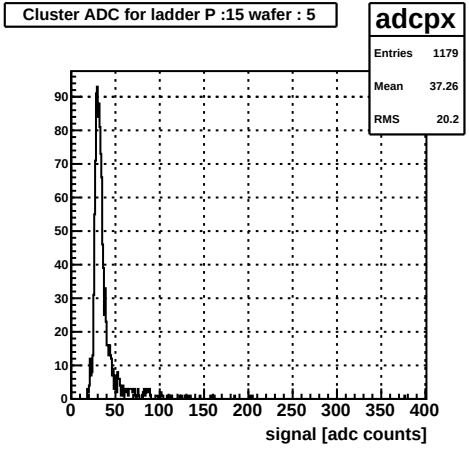

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 594
Mean 93.37
RMS 65.82
signal [adc counts]

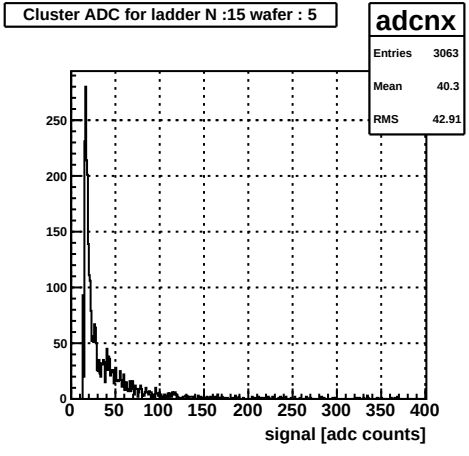

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 2865
Mean 35.02
RMS 40.1
signal [adc counts]

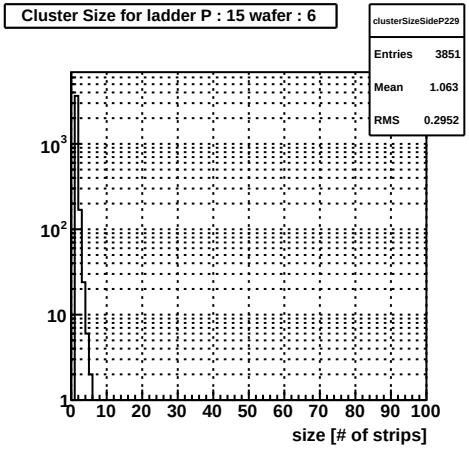

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1179
Mean 1.074
RMS 0.3353
size [# of strips]

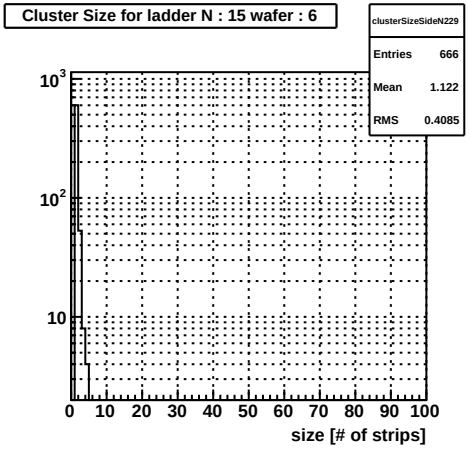

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 3063
Mean 1.295
RMS 0.6395
size [# of strips]

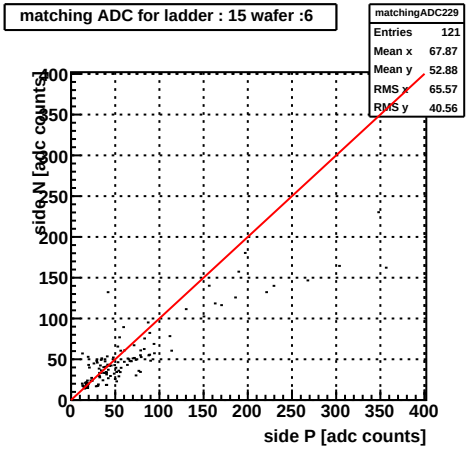

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 83
Mean x 55.82
Mean y 51.8
RMS x 49.85
RMS y 36.35
side N [adc counts]
side P [adc counts]

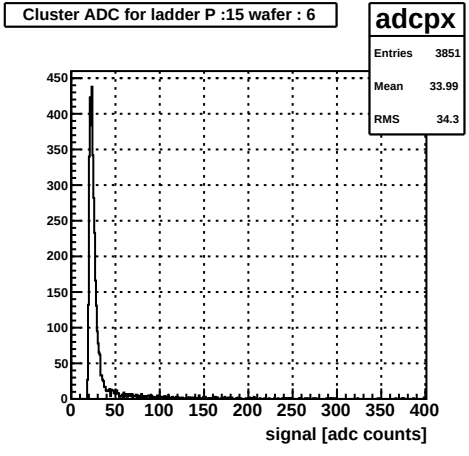

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1179
Mean 37.26
RMS 20.2
signal [adc counts]

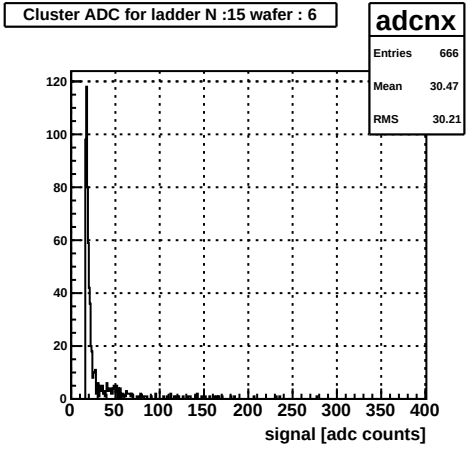

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 3063
Mean 40.3
RMS 42.91
signal [adc counts]

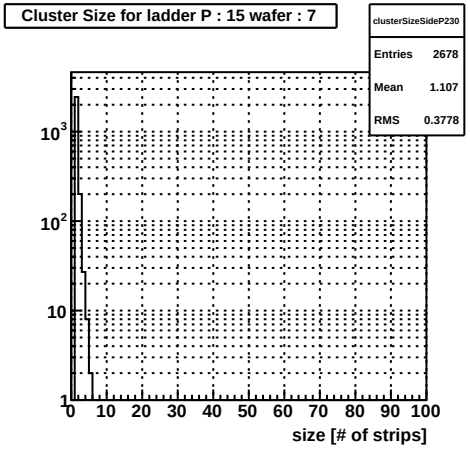

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 3851
Mean 1.063
RMS 0.2952
size [# of strips]

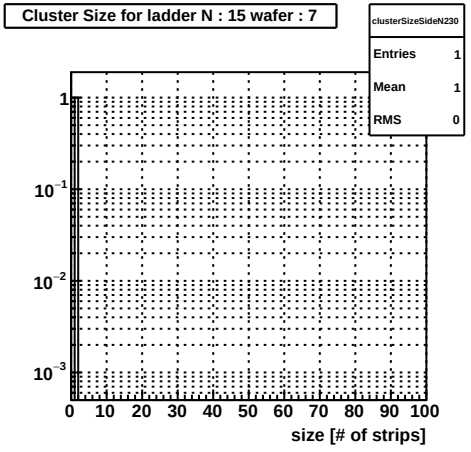

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 666
Mean 1.122
RMS 0.4085
size [# of strips]

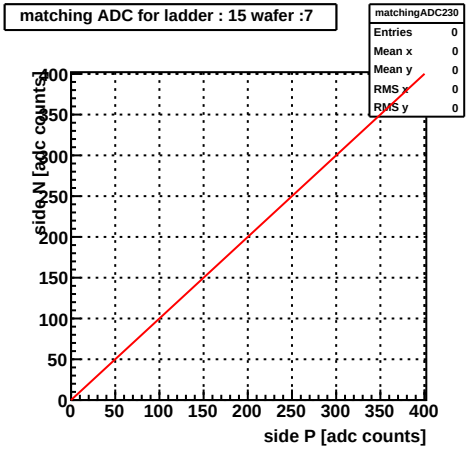

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 121
Mean x 67.87
Mean y 52.88
RMS x 65.57
RMS y 40.56
side N [adc counts]
side P [adc counts]

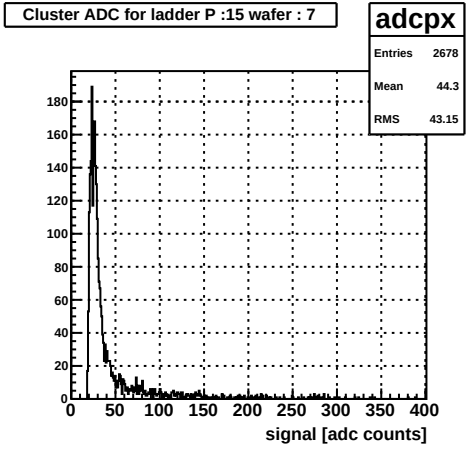

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 3851
Mean 33.99
RMS 34.3
signal [adc counts]

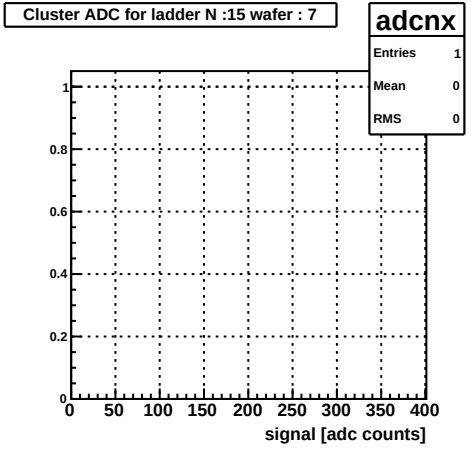

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 666
Mean 30.47
RMS 30.21
signal [adc counts]

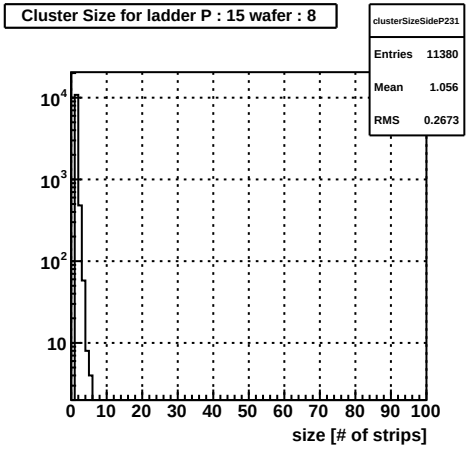

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 2678
Mean 1.107
RMS 0.3778
size [# of strips]

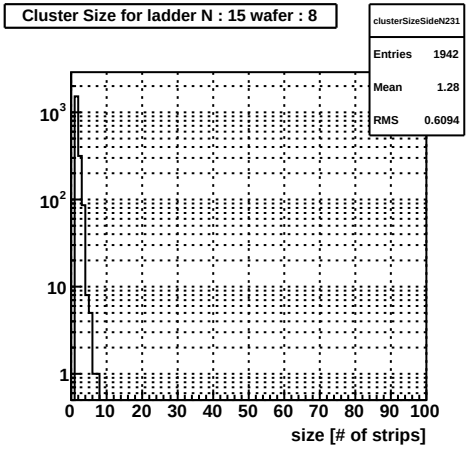

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 1
Mean 1
RMS 0
size [# of strips]

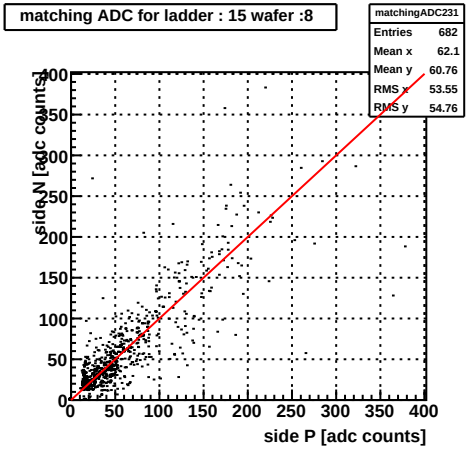

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

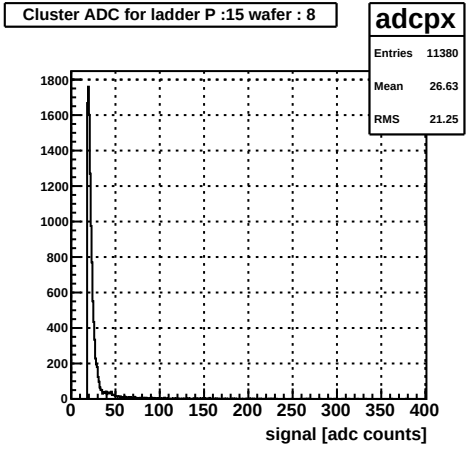

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 2678
Mean 44.3
RMS 43.15
signal [adc counts]

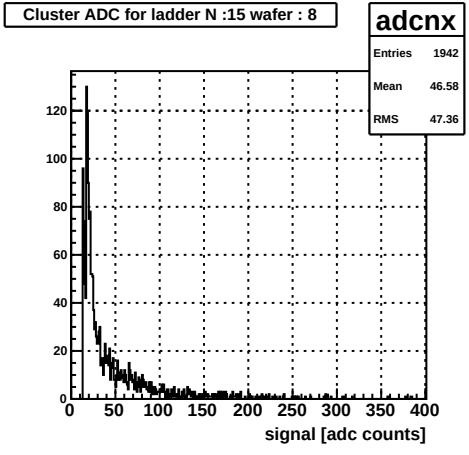

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

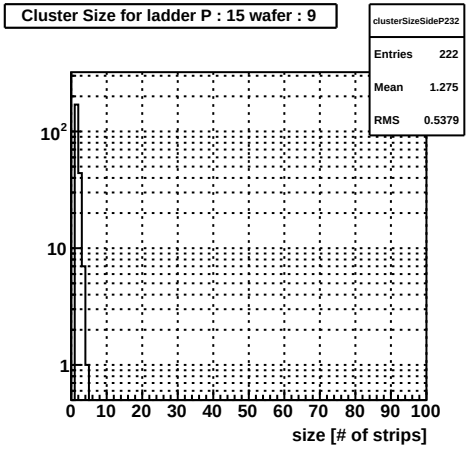

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 11380
Mean 1.056
RMS 0.2673
size [# of strips]

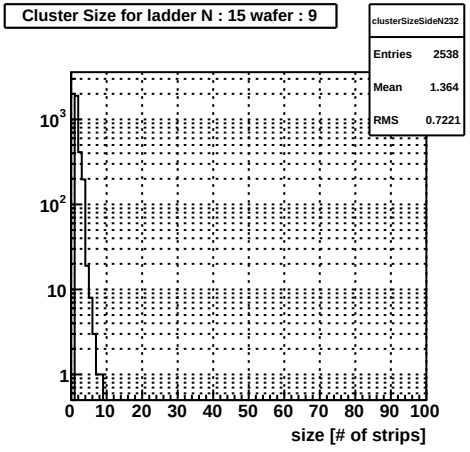

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 1942
Mean 1.28
RMS 0.6094
size [# of strips]

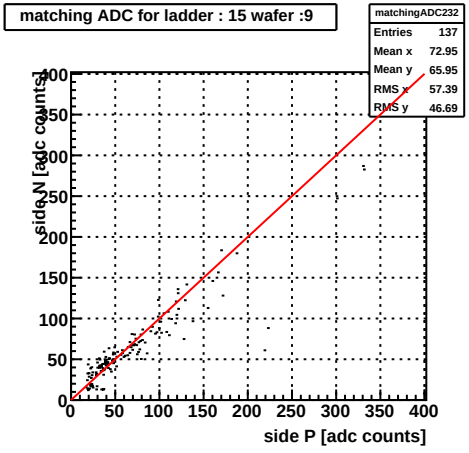

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 682
Mean x 62.1
Mean y 60.76
RMS x 53.55
RMS y 54.76
side N [adc counts]
side P [adc counts]

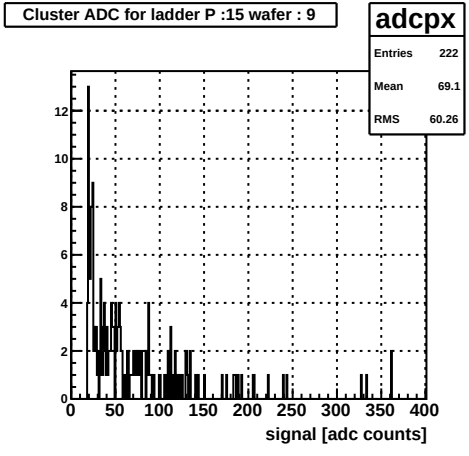

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 11380
Mean 26.63
RMS 21.25
signal [adc counts]

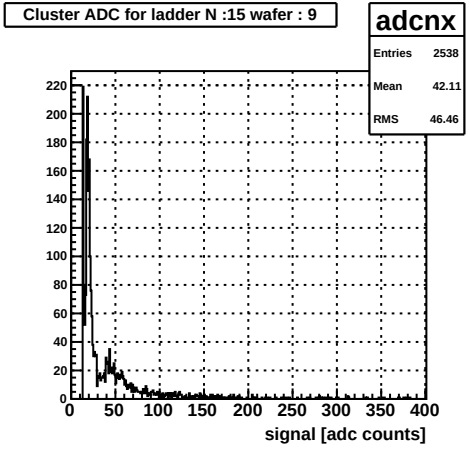

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 1942
Mean 46.58
RMS 47.36
signal [adc counts]

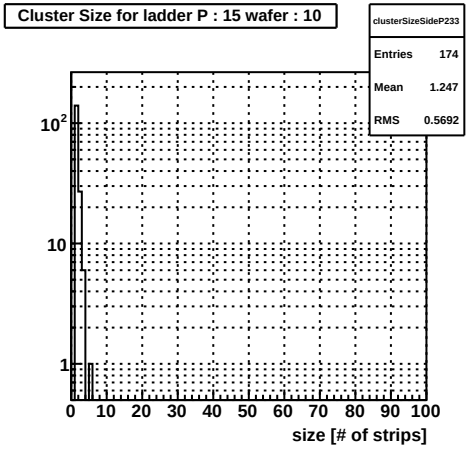

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 222
Mean 1.275
RMS 0.5379
size [# of strips]

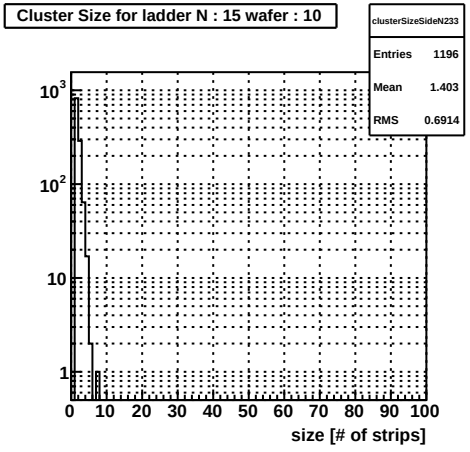

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 2538
Mean 1.364
RMS 0.7221
size [# of strips]

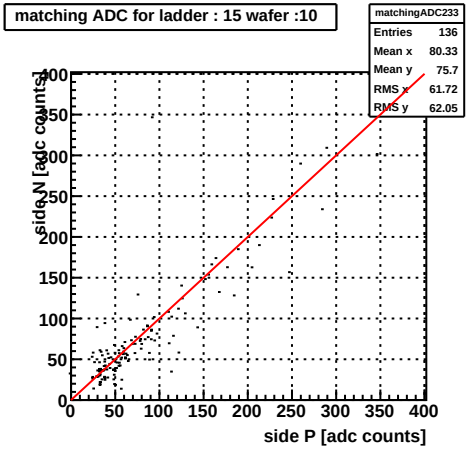

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 137
Mean x 72.95
Mean y 65.95
RMS x 57.39
RMS y 46.69
side N [adc counts]
side P [adc counts]

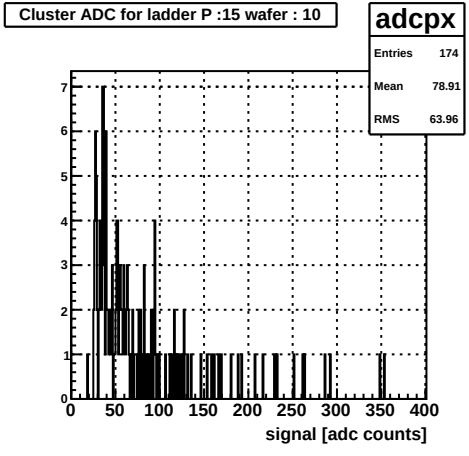

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 222
Mean 69.1
RMS 60.26
signal [adc counts]

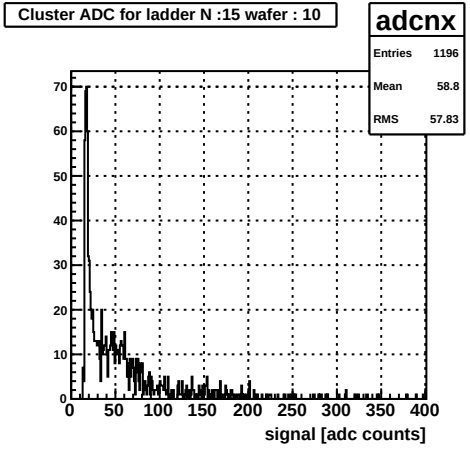

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 2538
Mean 42.11
RMS 46.46
signal [adc counts]

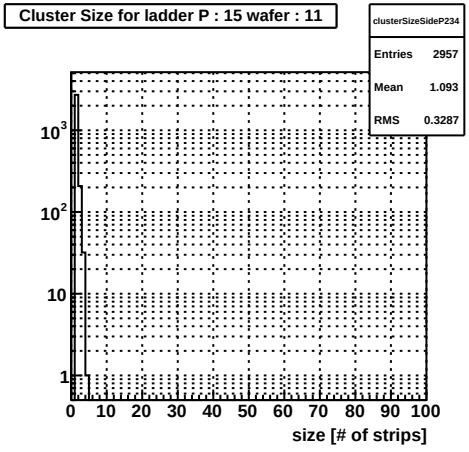

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 174
Mean 1.247
RMS 0.5692
size [# of strips]

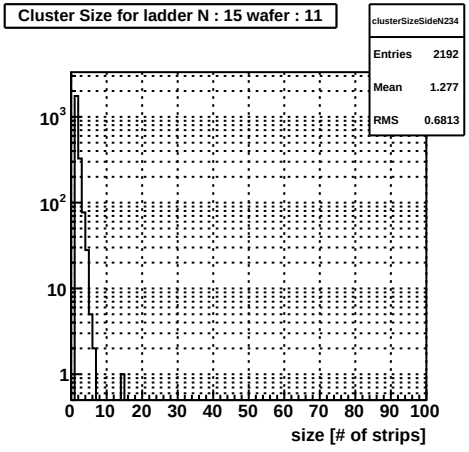

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 1196
Mean 1.403
RMS 0.6914
size [# of strips]

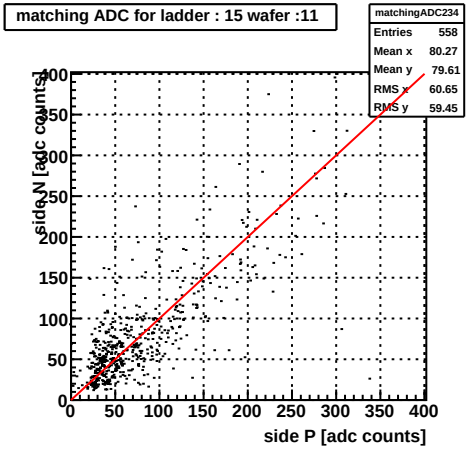

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 136
Mean x 80.33
Mean y 75.7
RMS x 61.72
RMS y 62.05
side N [adc counts]
side P [adc counts]

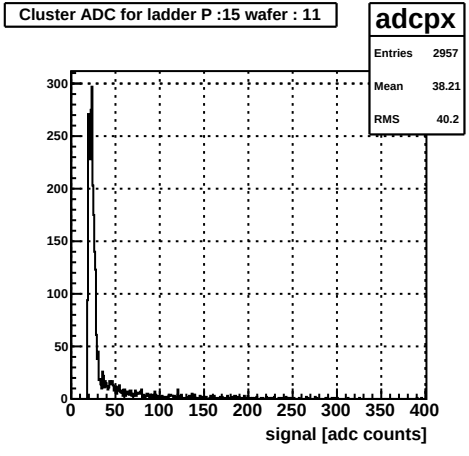

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 174
Mean 78.91
RMS 63.96
signal [adc counts]

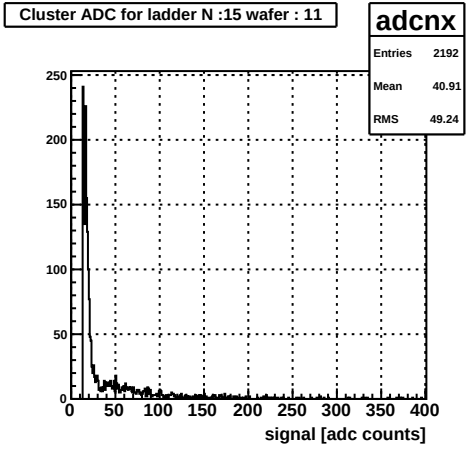

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 1196
Mean 58.8
RMS 57.83
signal [adc counts]

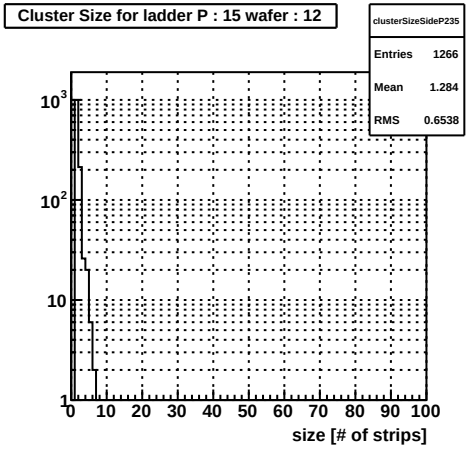

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 2957
Mean 1.093
RMS 0.3287
size [# of strips]

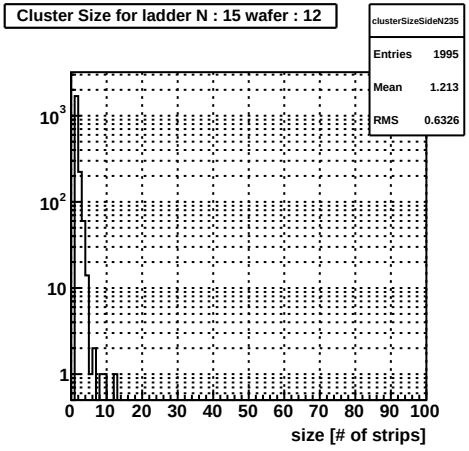

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 2192
Mean 1.277
RMS 0.6813
size [# of strips]

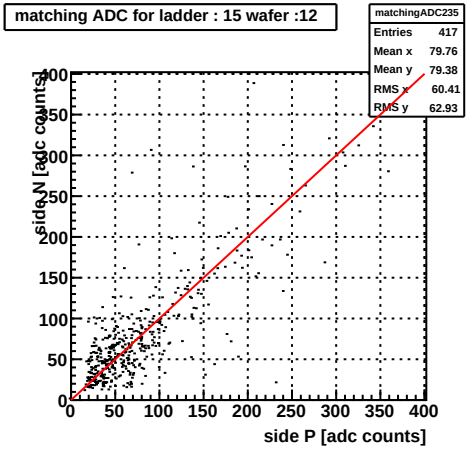

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 558
Mean x 80.27
Mean y 79.61
RMS x 60.65
RMS y 59.45
side N [adc counts]
side P [adc counts]

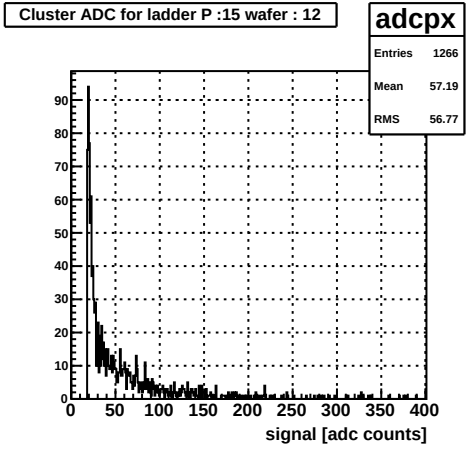

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 2957
Mean 38.21
RMS 40.2
signal [adc counts]

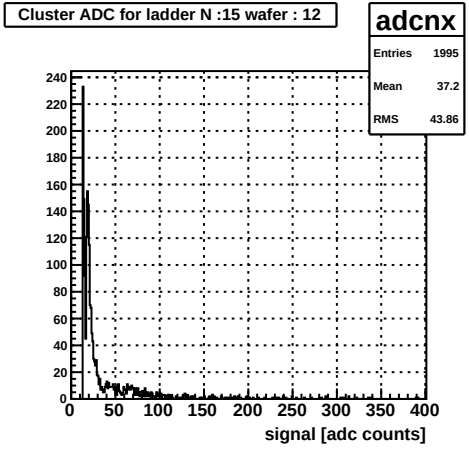

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 2192
Mean 40.91
RMS 49.24
signal [adc counts]

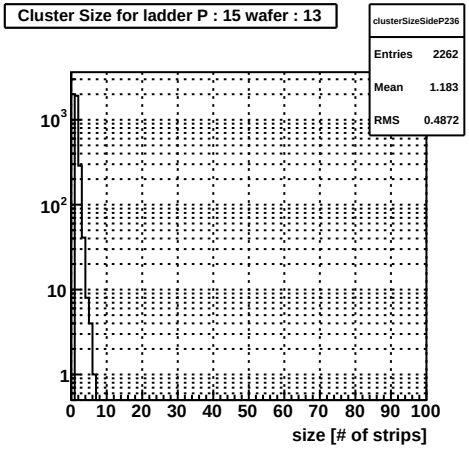

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 1266
Mean 1.284
RMS 0.6538
size [# of strips]

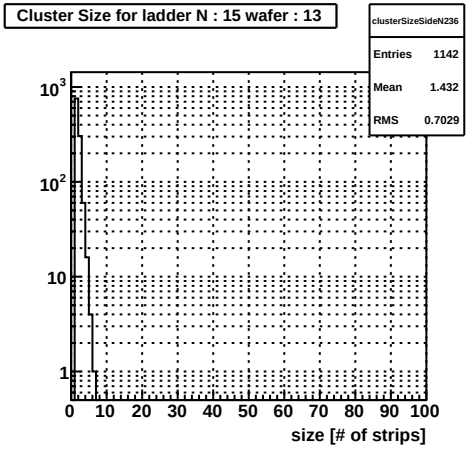

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 1995
Mean 1.213
RMS 0.6326
size [# of strips]

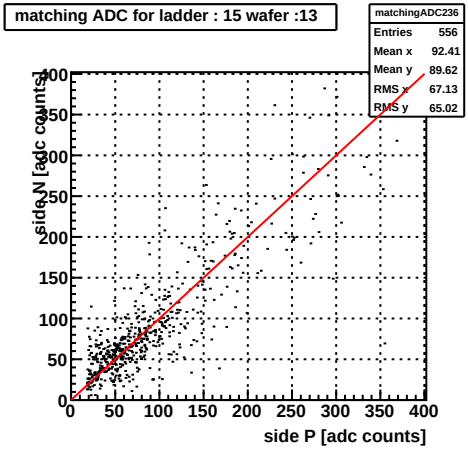

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 417
Mean x 79.76
Mean y 79.38
RMS x 60.41
RMS y 62.93
side N [adc counts]
side P [adc counts]

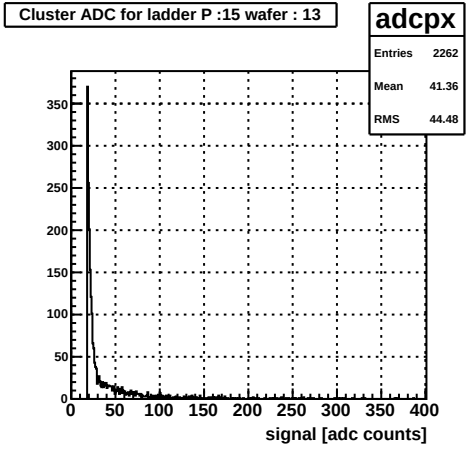

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 1266
Mean 57.19
RMS 56.77
signal [adc counts]

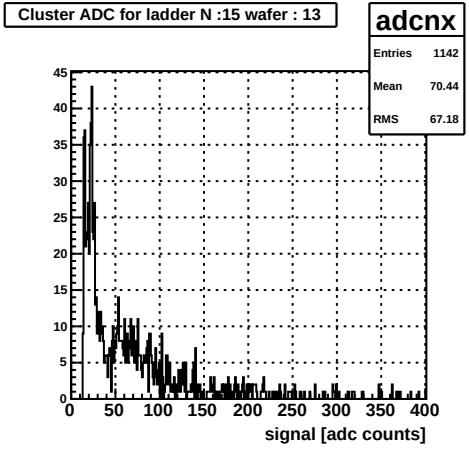

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 1995
Mean 37.2
RMS 43.86
signal [adc counts]

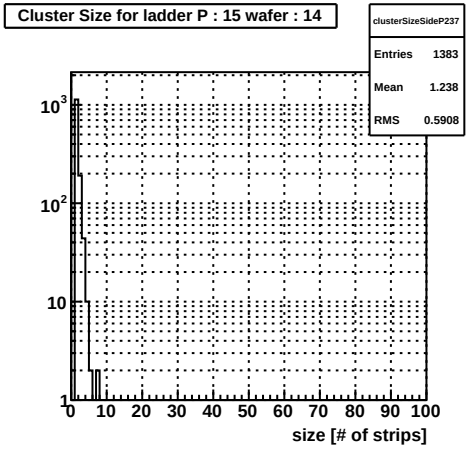

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 2262
Mean 1.183
RMS 0.4872
size [# of strips]

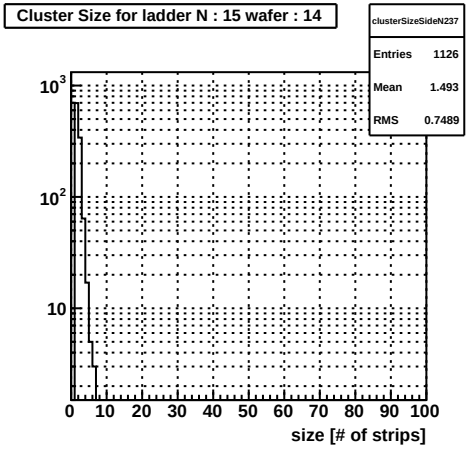

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 1142
Mean 1.432
RMS 0.7029
size [# of strips]

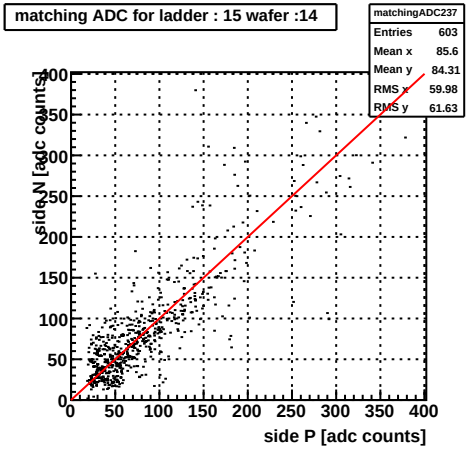

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 556
Mean x 92.41
Mean y 89.62
RMS x 67.13
RMS y 65.02
side N [adc counts]
side P [adc counts]

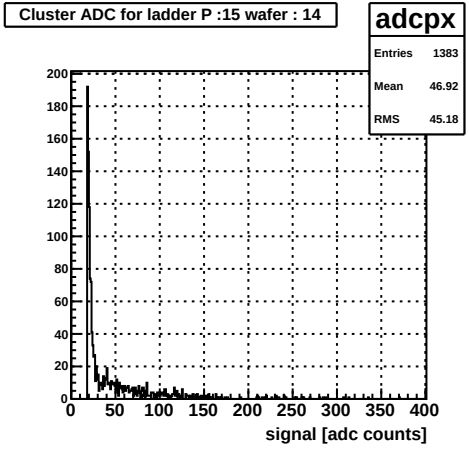

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 2262
Mean 41.36
RMS 44.48
signal [adc counts]

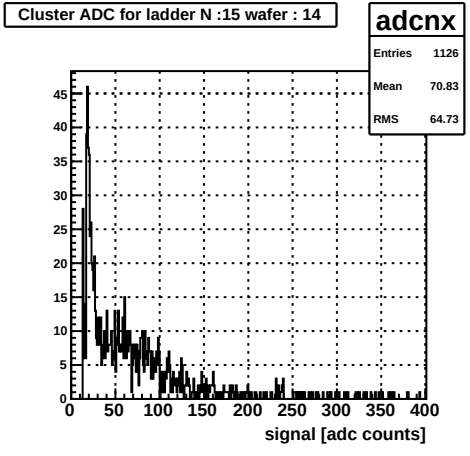

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 1142
Mean 70.44
RMS 67.18
signal [adc counts]

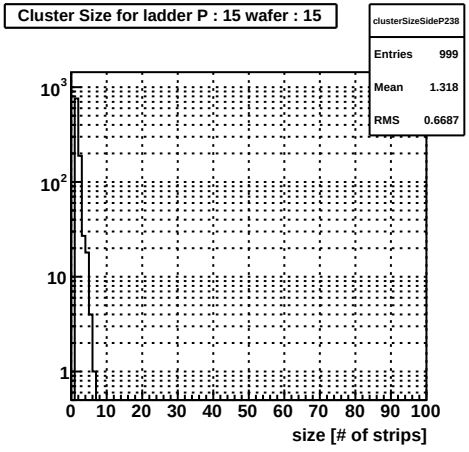

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 1383
Mean 1.238
RMS 0.5908
size [# of strips]

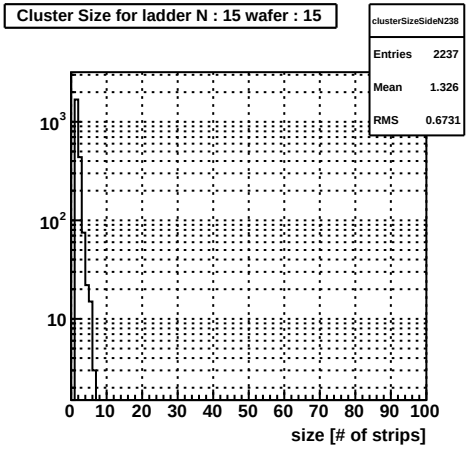

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 1126
Mean 1.493
RMS 0.7489
size [# of strips]

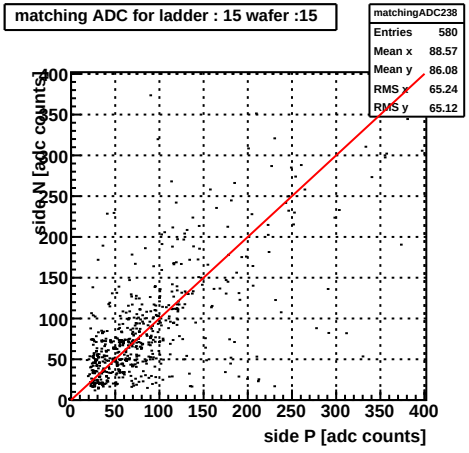

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 603
Mean x 85.6
Mean y 84.31
RMS x 59.98
RMS y 61.63
side N [adc counts]
side P [adc counts]

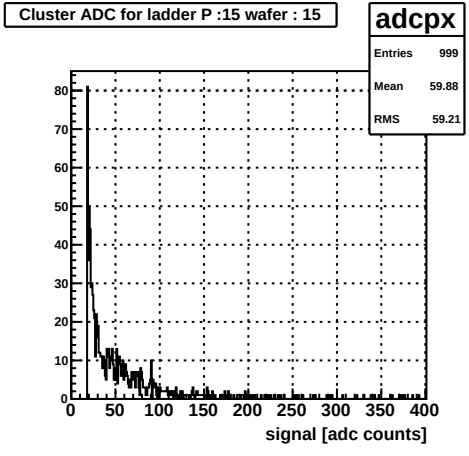

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 1383
Mean 46.92
RMS 45.18
signal [adc counts]

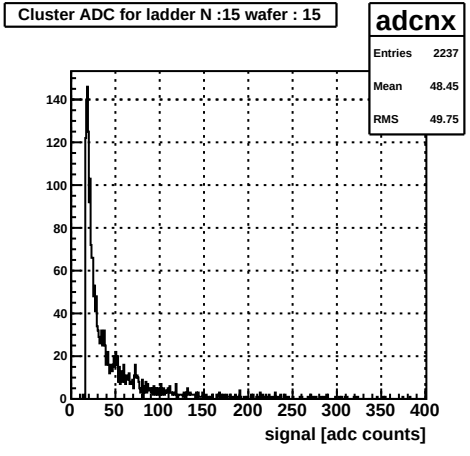

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 1126
Mean 70.83
RMS 64.73
signal [adc counts]

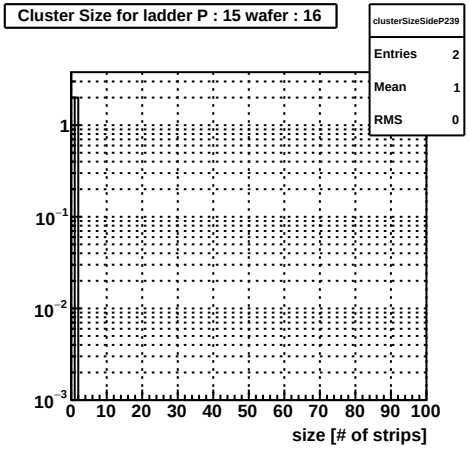

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 999
Mean 1.318
RMS 0.6687
size [# of strips]

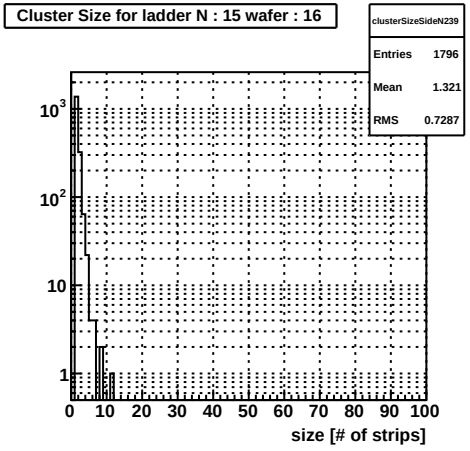

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 2237
Mean 1.326
RMS 0.6731
size [# of strips]

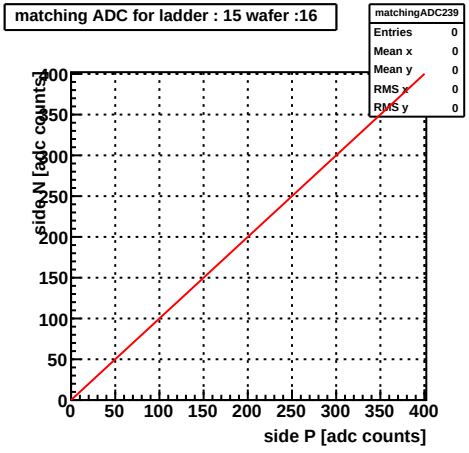

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 580
Mean x 88.57
Mean y 86.08
RMS x 65.24
RMS y 65.12
side N [adc counts]
side P [adc counts]

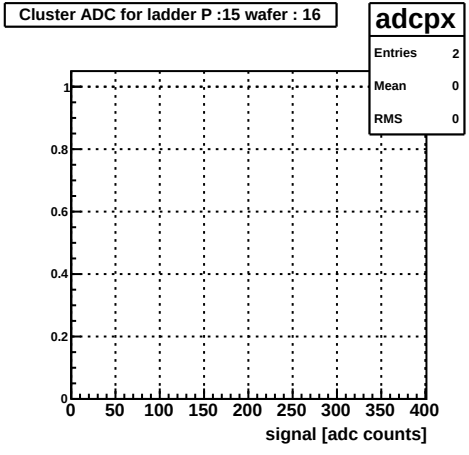

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 999
Mean 59.88
RMS 59.21
signal [adc counts]

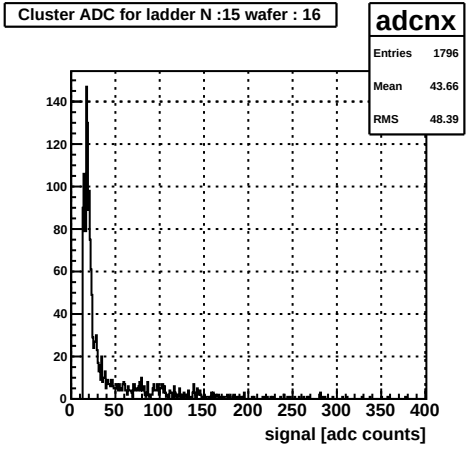

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 2237
Mean 48.45
RMS 49.75
signal [adc counts]

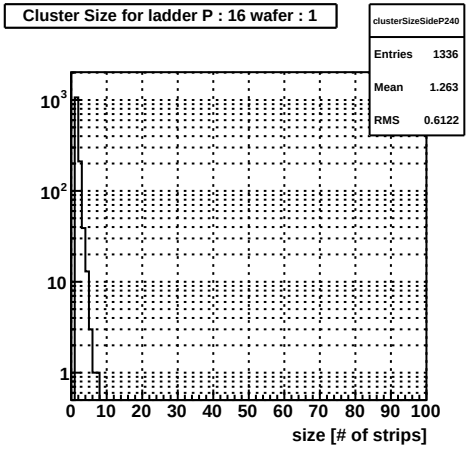

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 2
Mean 1
RMS 0
size [# of strips]

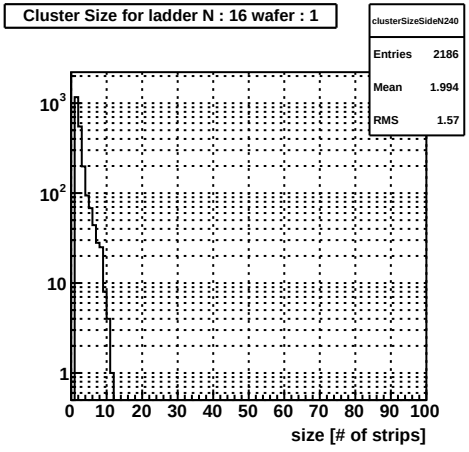

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 1796
Mean 1.321
RMS 0.7287
size [# of strips]

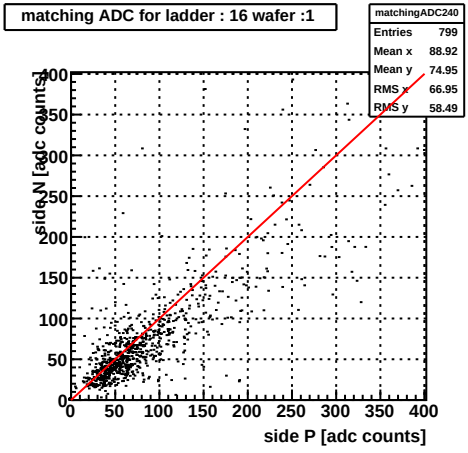

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

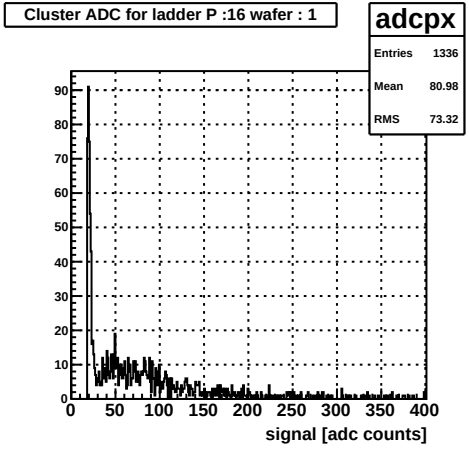

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

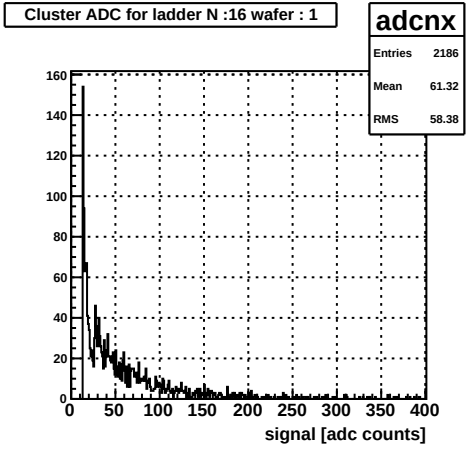

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 1796
Mean 43.66
RMS 48.39
signal [adc counts]

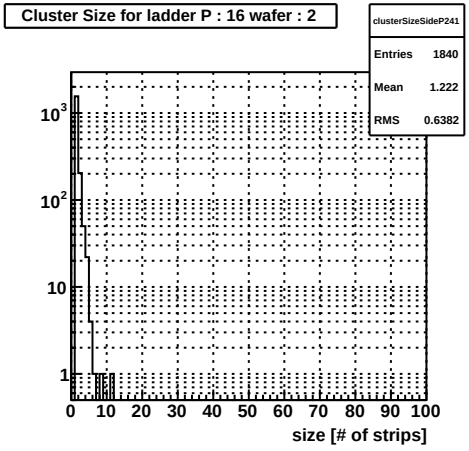

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 1336
Mean 1.263
RMS 0.6122
size [# of strips]

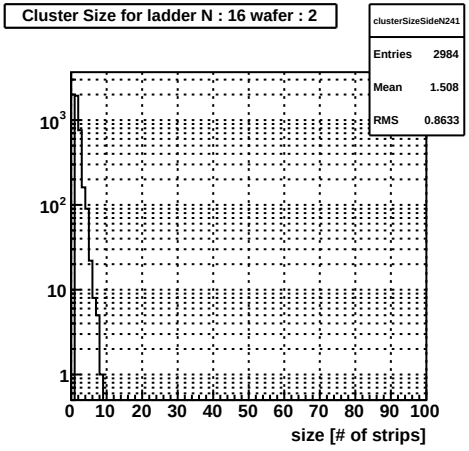

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 2186
Mean 1.994
RMS 1.57
size [# of strips]

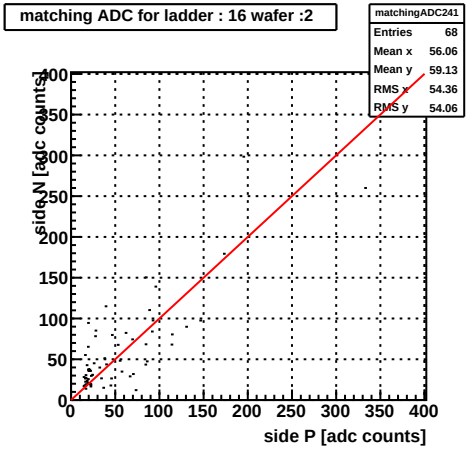

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 799
Mean x 88.92
Mean y 74.95
RMS x 66.95
RMS y 58.49
side N [adc counts]
side P [adc counts]

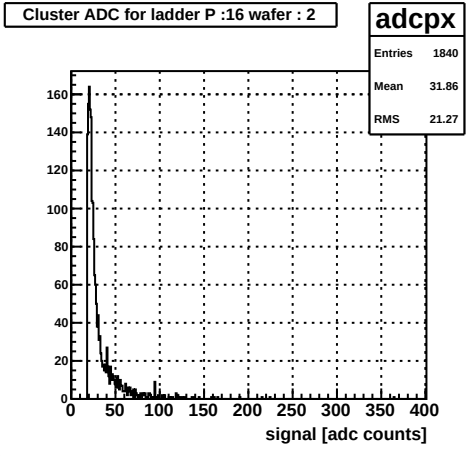

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 1336
Mean 80.98
RMS 73.32
signal [adc counts]

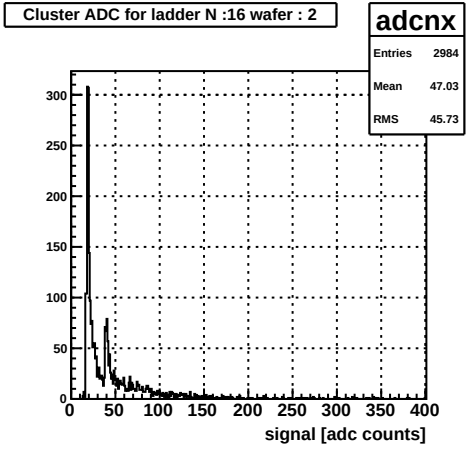

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 2186
Mean 61.32
RMS 58.38
signal [adc counts]

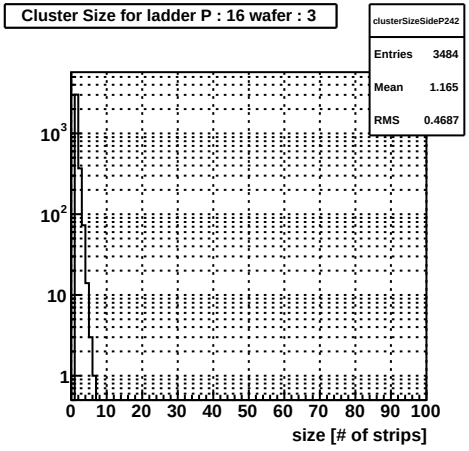

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 1840
Mean 1.222
RMS 0.6382
size [# of strips]

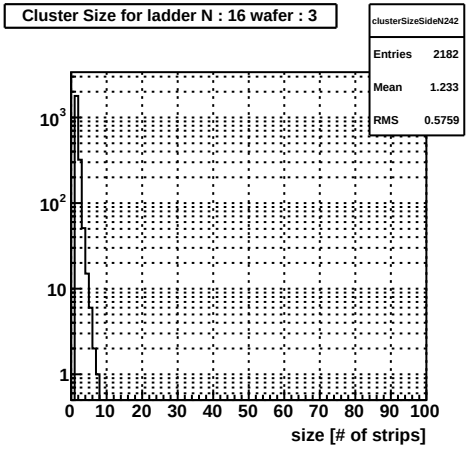

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 2984
Mean 1.508
RMS 0.8633
size [# of strips]

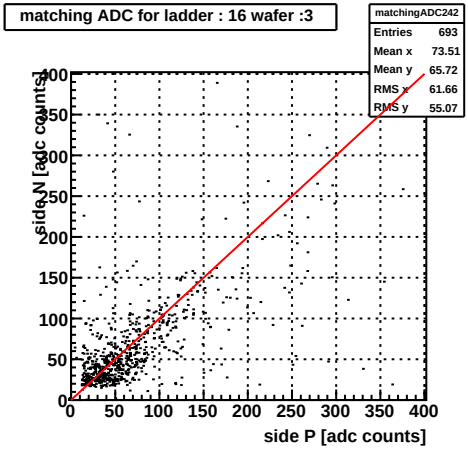

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 68
Mean x 56.06
Mean y 59.13
RMS x 54.36
RMS y 54.06
side N [adc counts]
side P [adc counts]

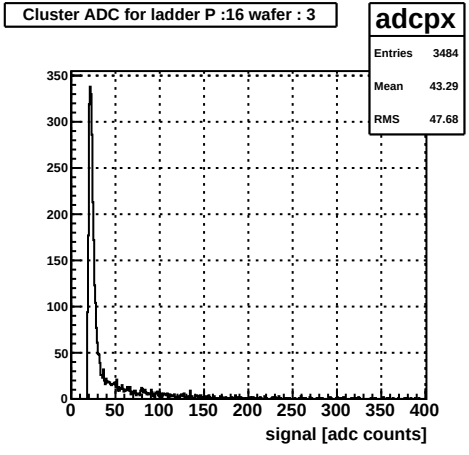

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 1840
Mean 31.86
RMS 21.27
signal [adc counts]

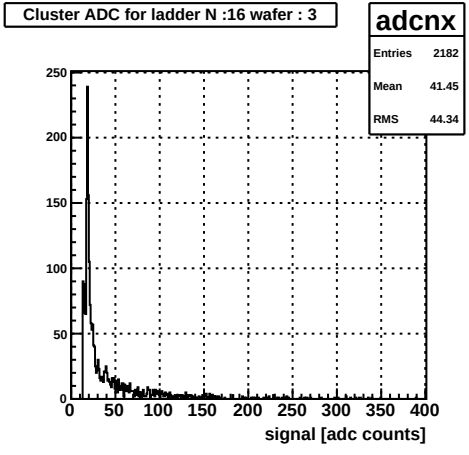

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 2984
Mean 47.03
RMS 45.73
signal [adc counts]

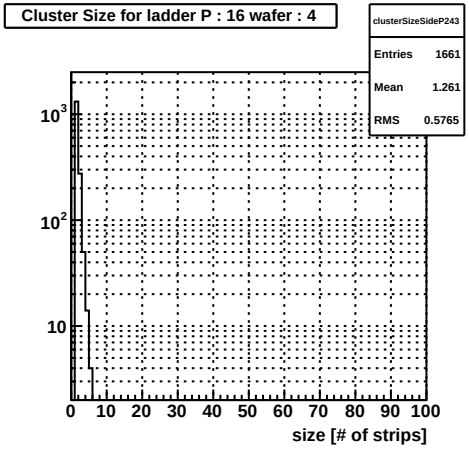

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 3484
Mean 1.165
RMS 0.4687
size [# of strips]

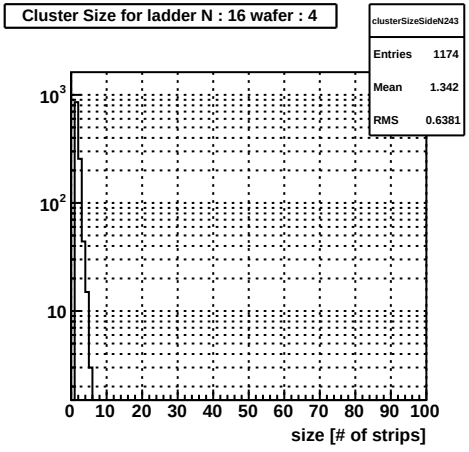

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 2182
Mean 1.233
RMS 0.5759
size [# of strips]

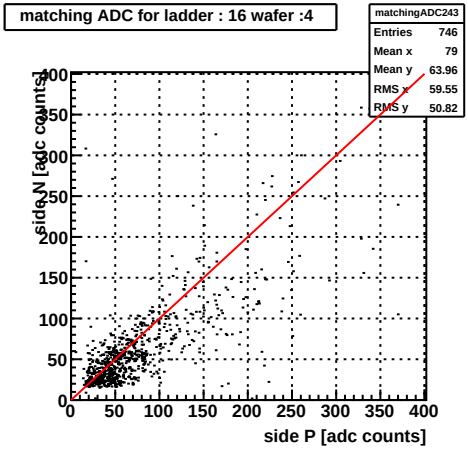

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 693
Mean x 73.51
Mean y 65.72
RMS x 61.66
RMS y 55.07
side N [adc counts]
side P [adc counts]

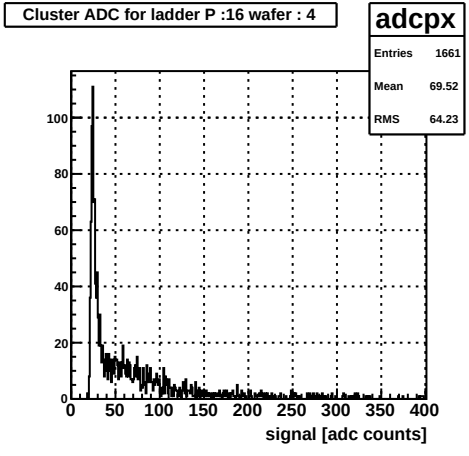

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 3484
Mean 43.29
RMS 47.68
signal [adc counts]

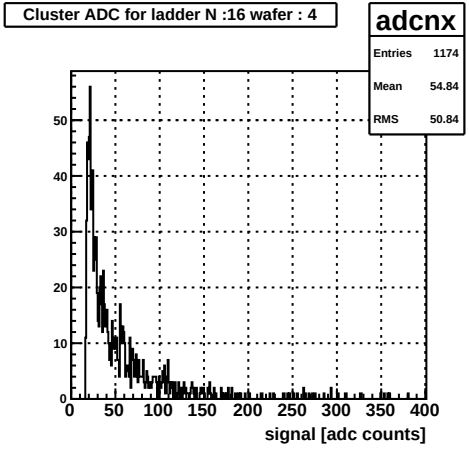

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 2182
Mean 41.45
RMS 44.34
signal [adc counts]

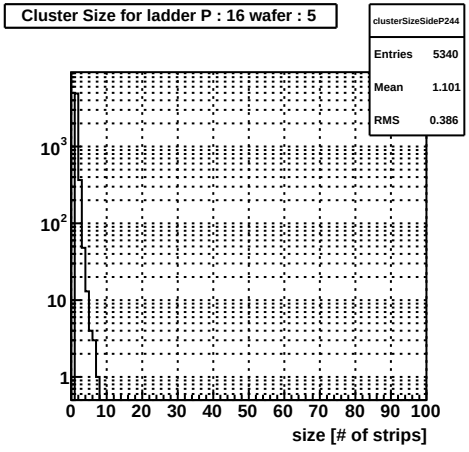

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 1661
Mean 1.261
RMS 0.5765
size [# of strips]

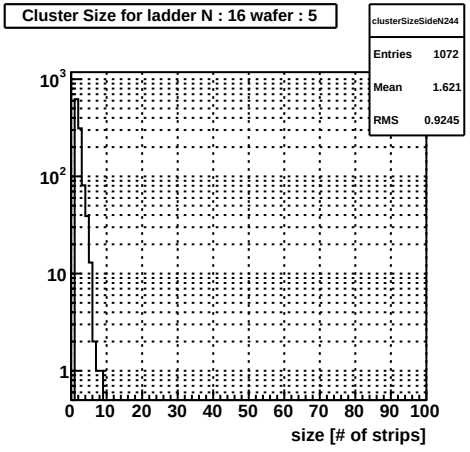

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 1174
Mean 1.342
RMS 0.6381
size [# of strips]

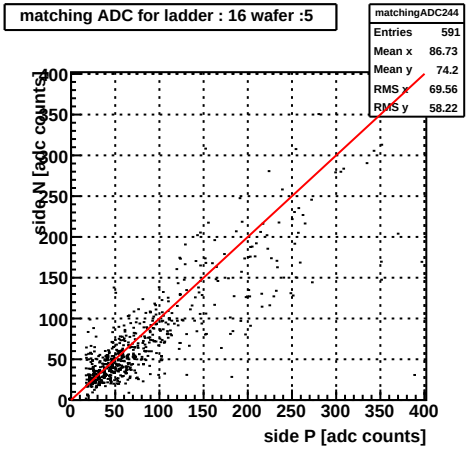

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 746
Mean x 79
Mean y 63.96
RMS x 59.55
RMS y 50.82
side N [adc counts]
side P [adc counts]

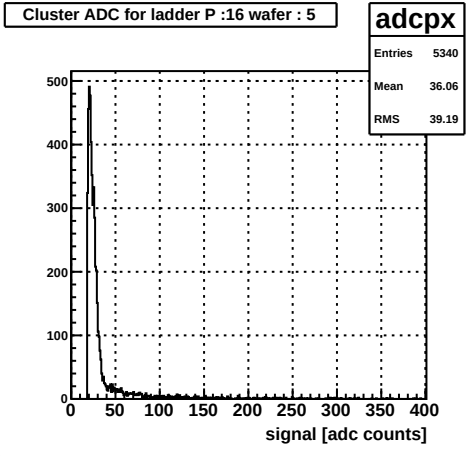

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 1661
Mean 69.52
RMS 64.23
signal [adc counts]

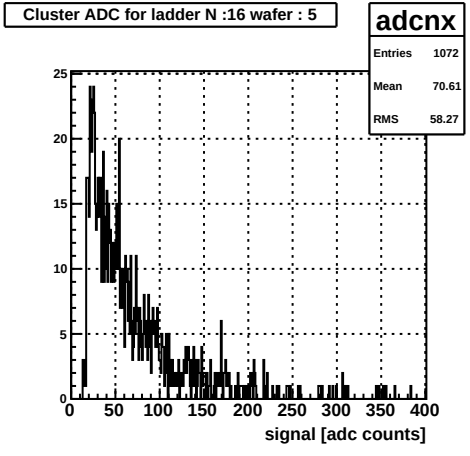

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 1174
Mean 54.84
RMS 50.84
signal [adc counts]

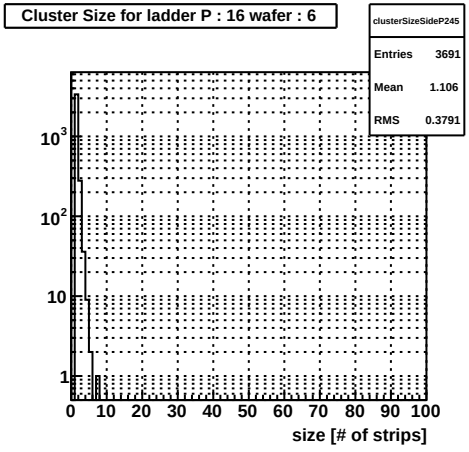

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 5340
Mean 1.101
RMS 0.386
size [# of strips]

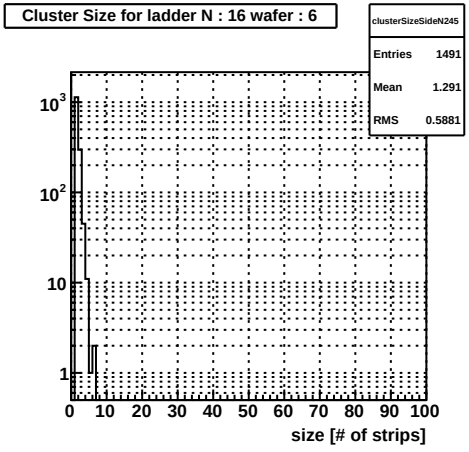

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 1072
Mean 1.621
RMS 0.9245
size [# of strips]

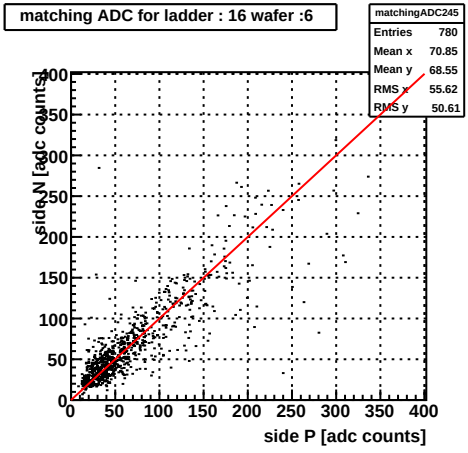

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 591
Mean x 86.73
Mean y 74.2
RMS x 69.56
RMS y 58.22
side N [adc counts]
side P [adc counts]

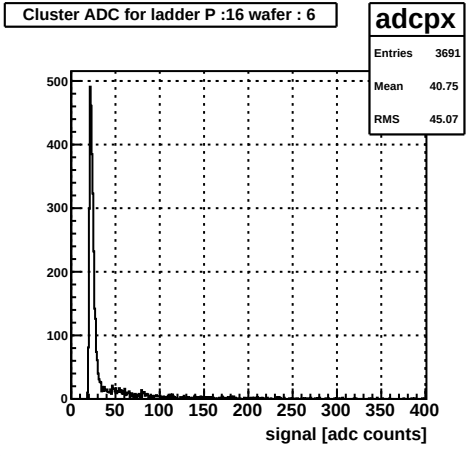

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 5340
Mean 36.06
RMS 39.19
signal [adc counts]

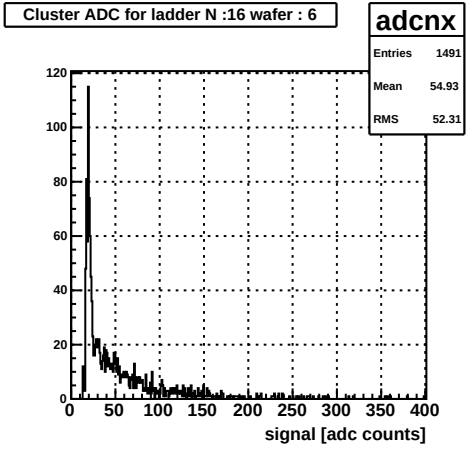

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 1072
Mean 70.61
RMS 58.27
signal [adc counts]

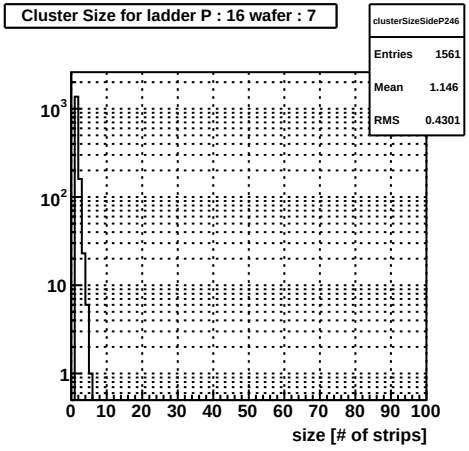

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 3691
Mean 1.106
RMS 0.3791
size [# of strips]

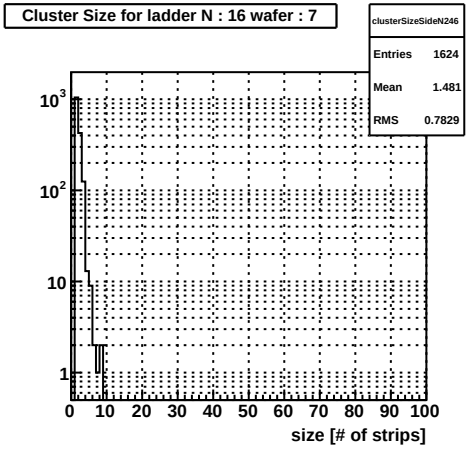

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 1491
Mean 1.291
RMS 0.5881
size [# of strips]

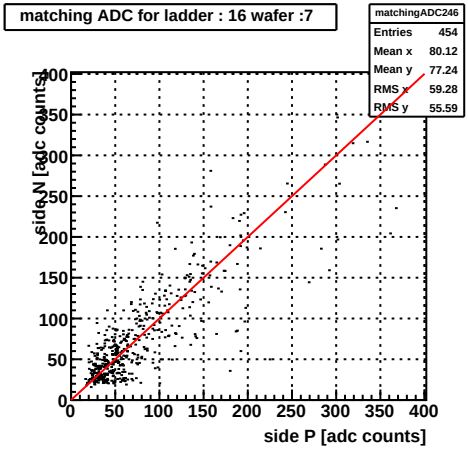

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 780
Mean x 70.85
Mean y 68.55
RMS x 55.62
RMS y 50.61
side N [adc counts]
side P [adc counts]

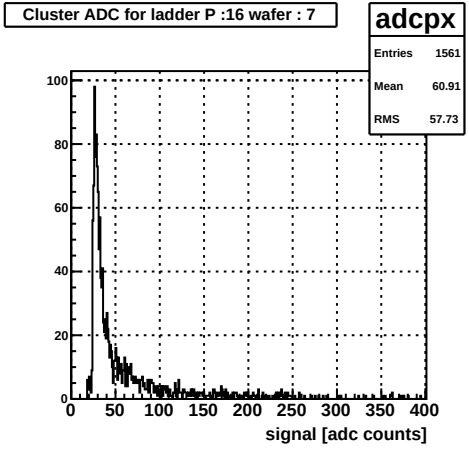

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 3691
Mean 40.75
RMS 45.07
signal [adc counts]

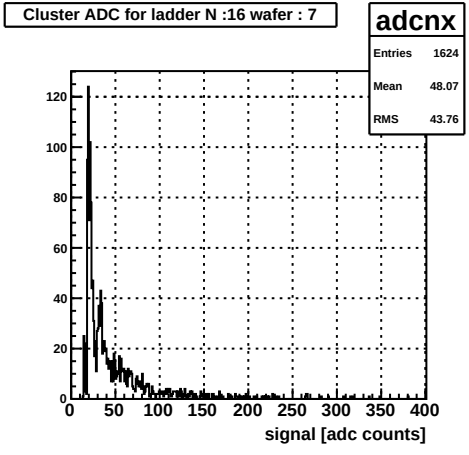

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 1491
Mean 54.93
RMS 52.31
signal [adc counts]

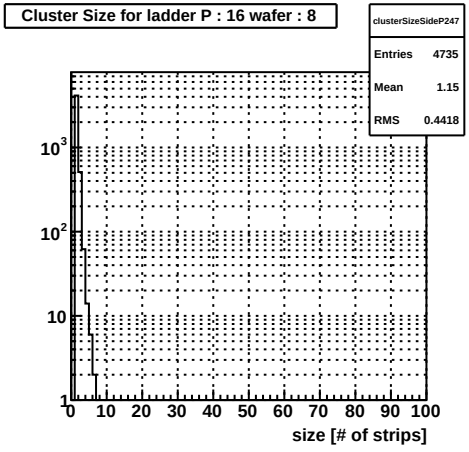

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 1561
Mean 1.146
RMS 0.4301
size [# of strips]

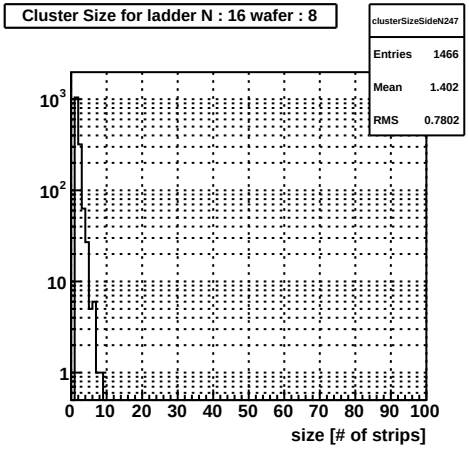

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 1624
Mean 1.481
RMS 0.7829
size [# of strips]

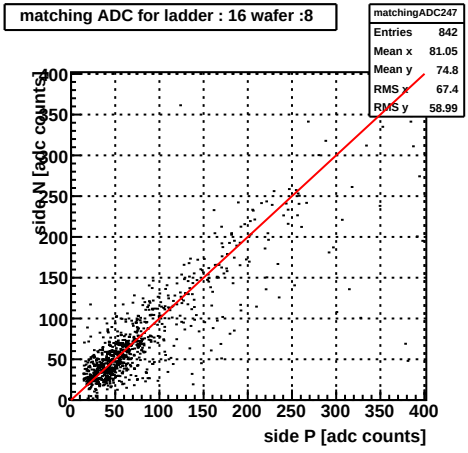

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 454
Mean x 80.12
Mean y 77.24
RMS x 59.28
RMS y 55.59
side N [adc counts]
side P [adc counts]

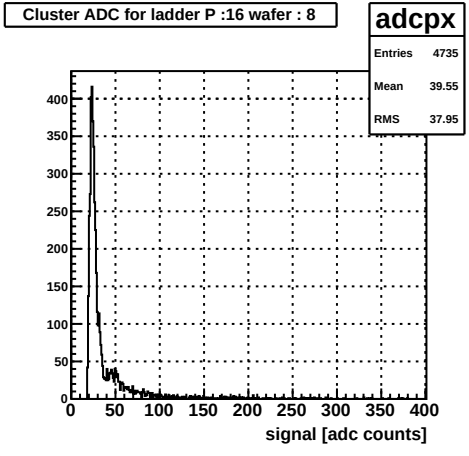

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 1561
Mean 60.91
RMS 57.73
signal [adc counts]

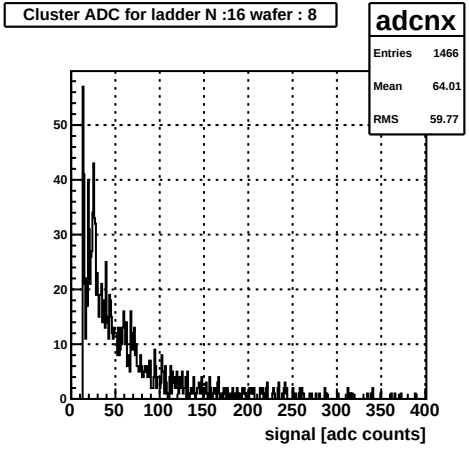

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 1624
Mean 48.07
RMS 43.76
signal [adc counts]

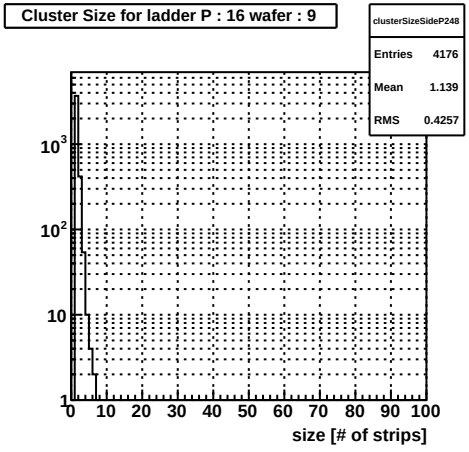

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 4735
Mean 1.15
RMS 0.4418
size [# of strips]

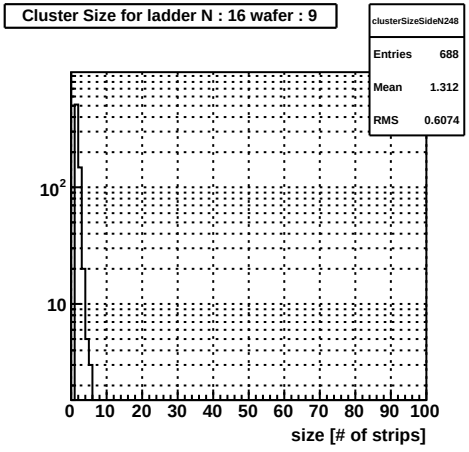

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 1466
Mean 1.402
RMS 0.7802
size [# of strips]

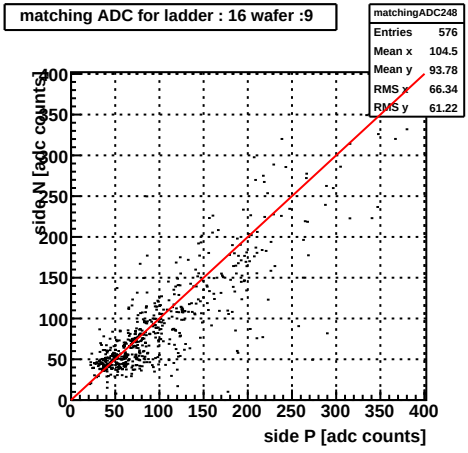

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 842
Mean x 81.05
Mean y 74.8
RMS x 67.4
RMS y 58.99
side N [adc counts]
side P [adc counts]

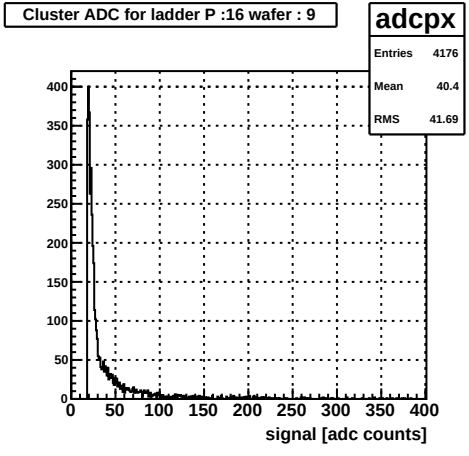

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 4735
Mean 39.55
RMS 37.95
signal [adc counts]

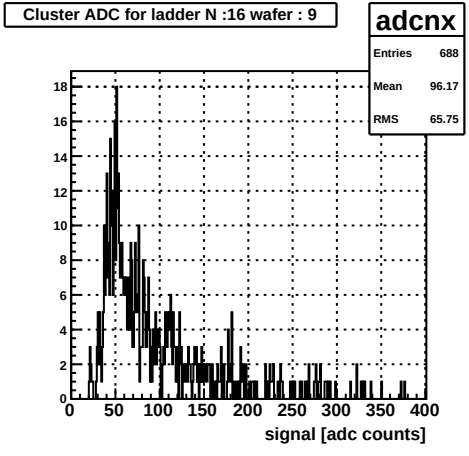

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 1466
Mean 64.01
RMS 59.77
signal [adc counts]

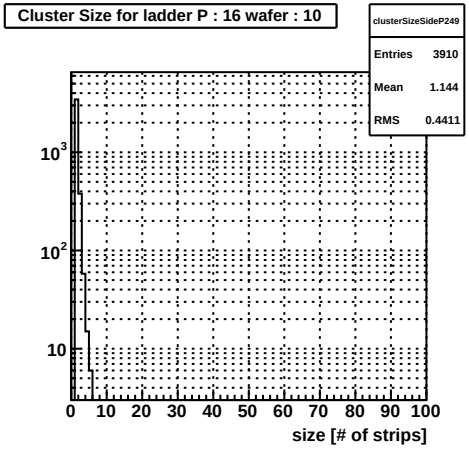

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 4176
Mean 1.139
RMS 0.4257
size [# of strips]

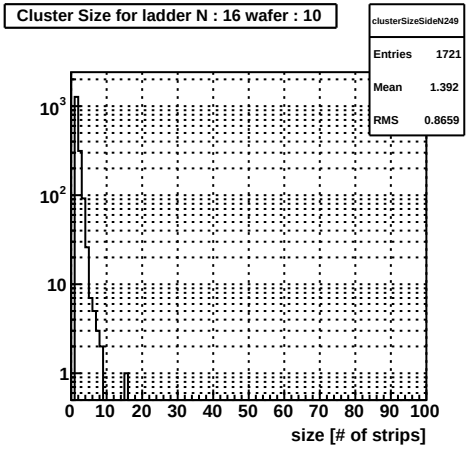

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 688
Mean 1.312
RMS 0.6074
size [# of strips]

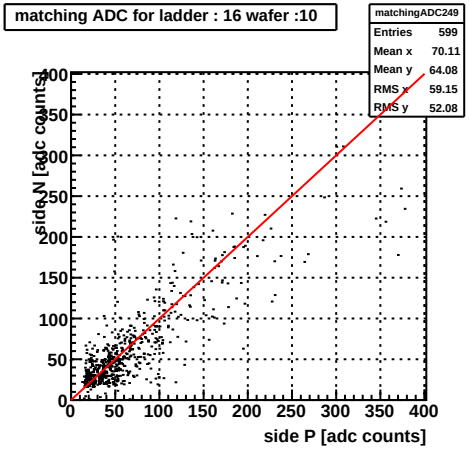

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 576
Mean x 104.5
Mean y 93.78
RMS x 66.34
RMS y 61.22
side N [adc counts]
side P [adc counts]

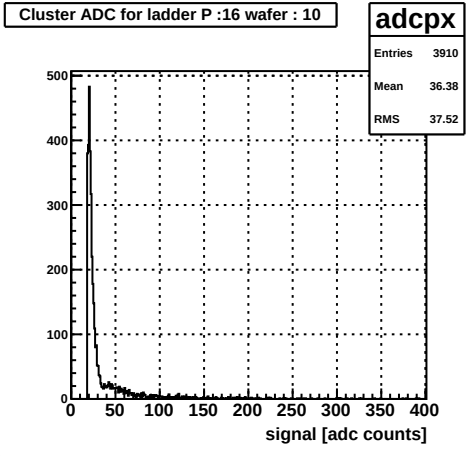

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 4176
Mean 40.4
RMS 41.69
signal [adc counts]

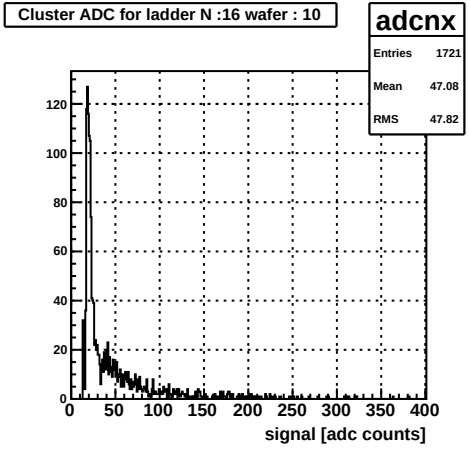

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 688
Mean 96.17
RMS 65.75
signal [adc counts]

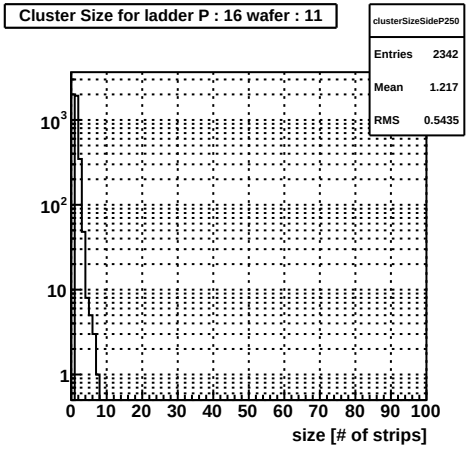

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 3910
Mean 1.144
RMS 0.4411
size [# of strips]

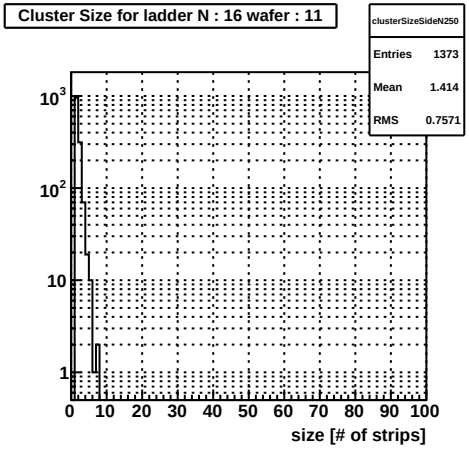

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 1721
Mean 1.392
RMS 0.8659
size [# of strips]

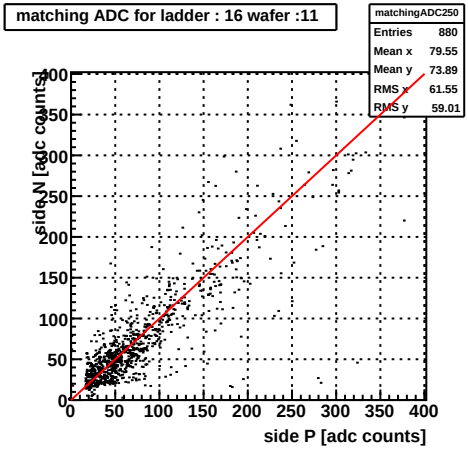

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 599
Mean x 70.11
Mean y 64.08
RMS x 59.15
RMS y 52.08
side N [adc counts]
side P [adc counts]

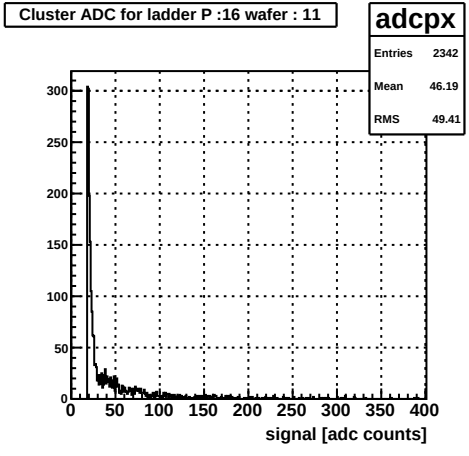

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 3910
Mean 36.38
RMS 37.52
signal [adc counts]

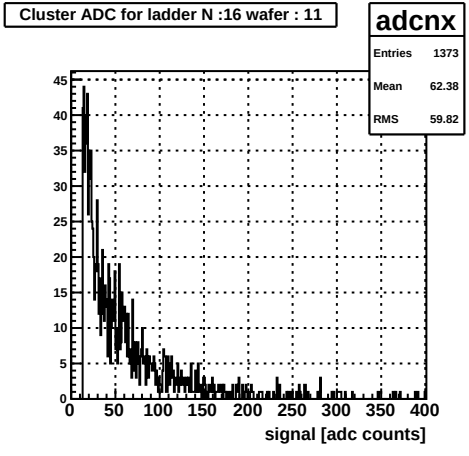

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 1721
Mean 47.08
RMS 47.82
signal [adc counts]

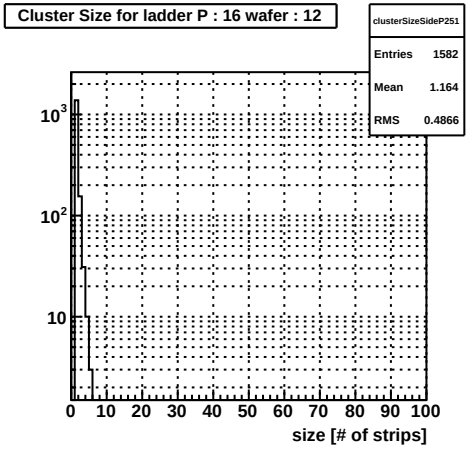

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 2342
Mean 1.217
RMS 0.5435
size [# of strips]

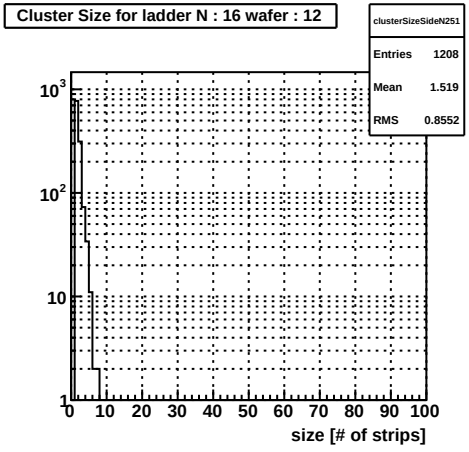

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 1373
Mean 1.414
RMS 0.7571
size [# of strips]

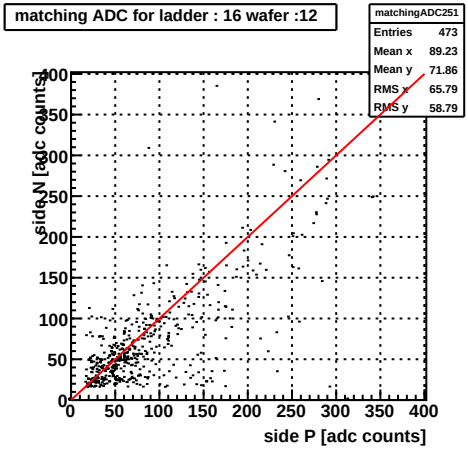

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 880
Mean x 79.55
Mean y 73.89
RMS x 61.55
RMS y 59.01
side N [adc counts]
side P [adc counts]

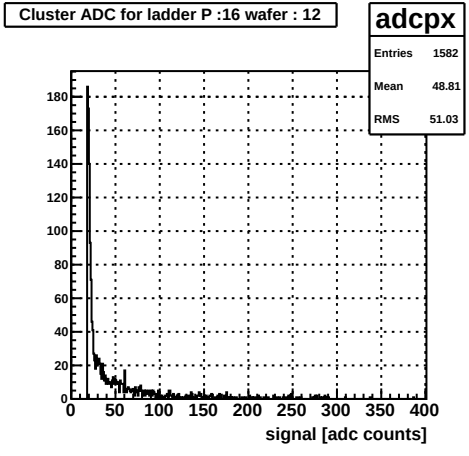

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 2342
Mean 46.19
RMS 49.41
signal [adc counts]

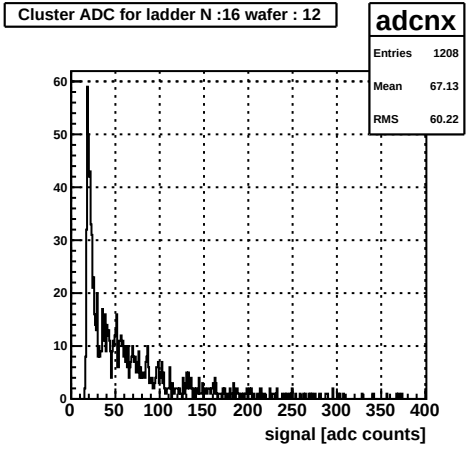

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 1373
Mean 62.38
RMS 59.82
signal [adc counts]

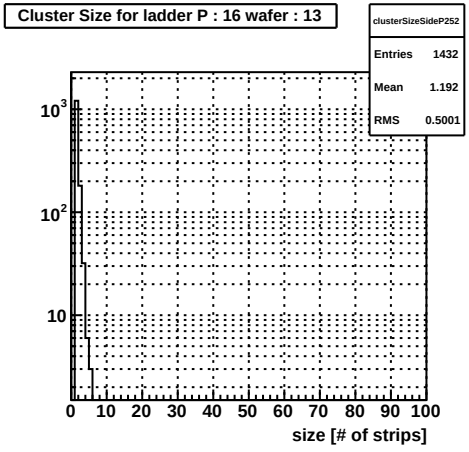

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 1582
Mean 1.164
RMS 0.4866
size [# of strips]

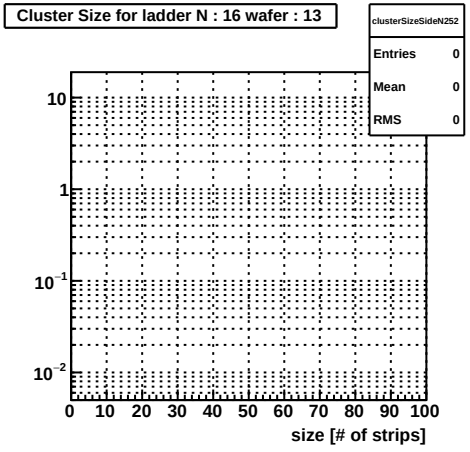

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 1208
Mean 1.519
RMS 0.8552
size [# of strips]

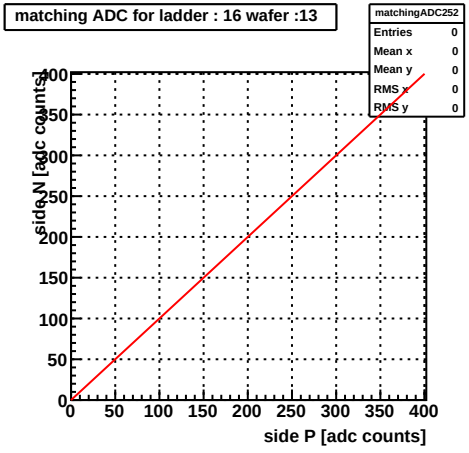

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 473
Mean x 89.23
Mean y 71.86
RMS x 65.79
RMS y 58.79
side N [adc counts]
side P [adc counts]

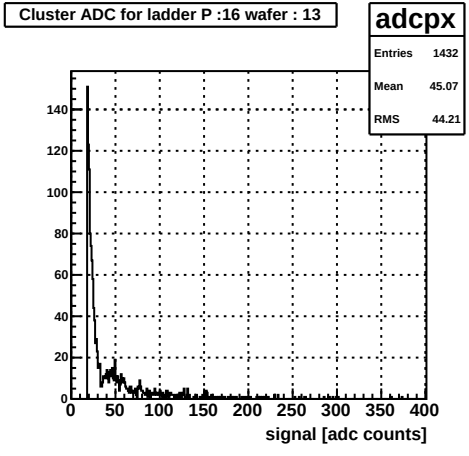

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 1582
Mean 48.81
RMS 51.03
signal [adc counts]

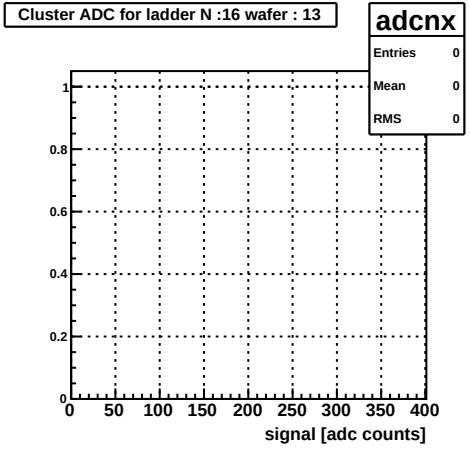

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 1208
Mean 67.13
RMS 60.22
signal [adc counts]

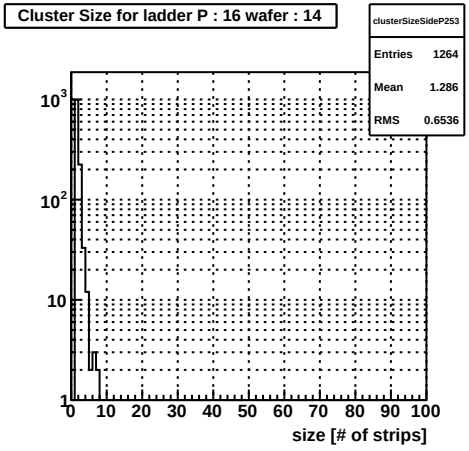

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 1432
Mean 1.192
RMS 0.5001
size [# of strips]

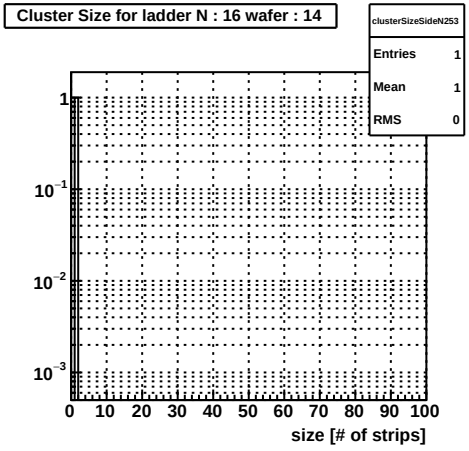

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

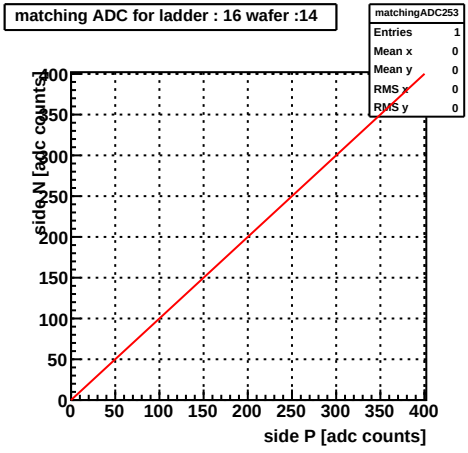

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

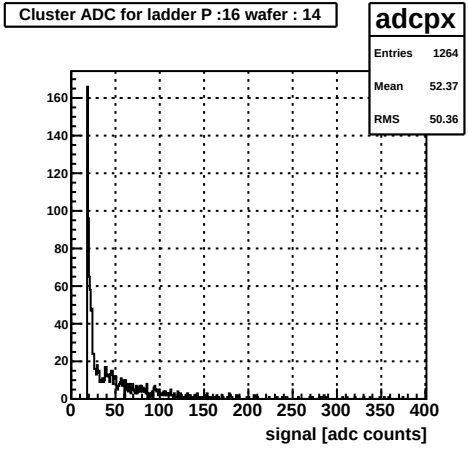

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 1432
Mean 45.07
RMS 44.21
signal [adc counts]

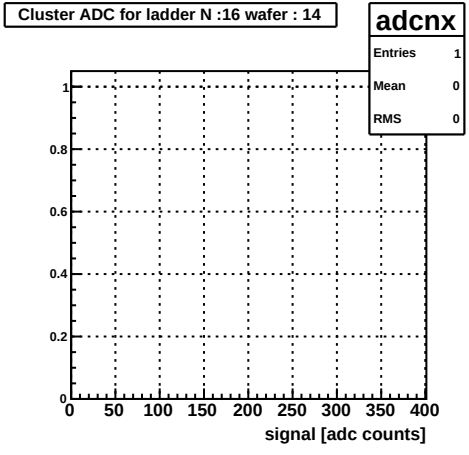

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

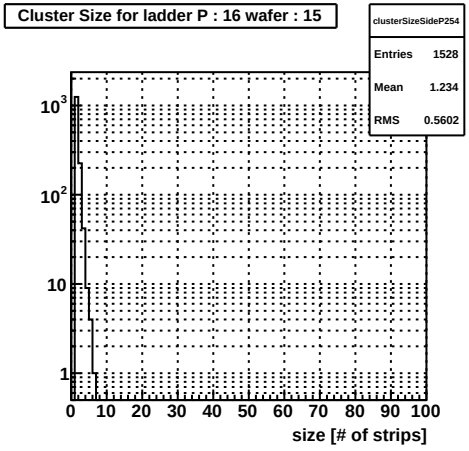

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 1264
Mean 1.286
RMS 0.6536
size [# of strips]

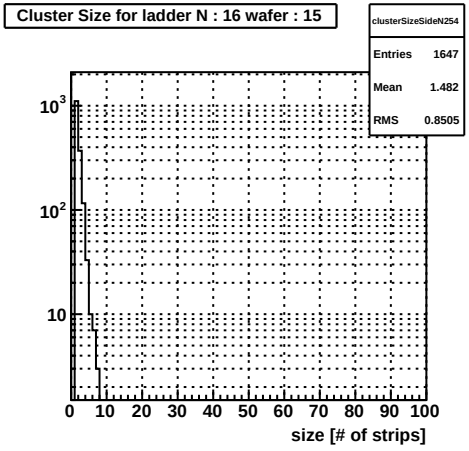

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 1
Mean 1
RMS 0
size [# of strips]

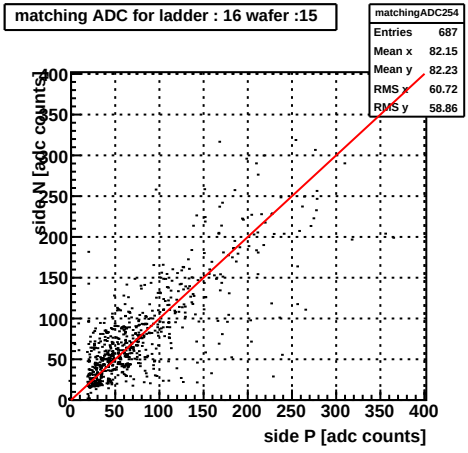

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

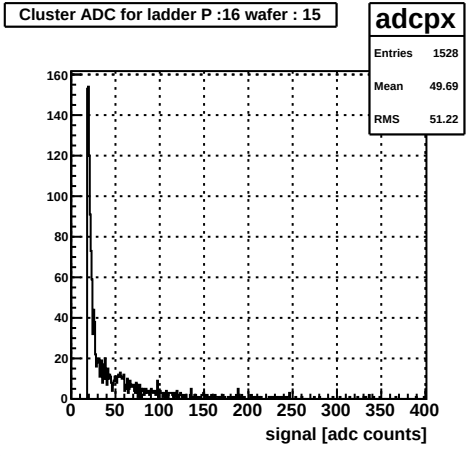

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 1264
Mean 52.37
RMS 50.36
signal [adc counts]

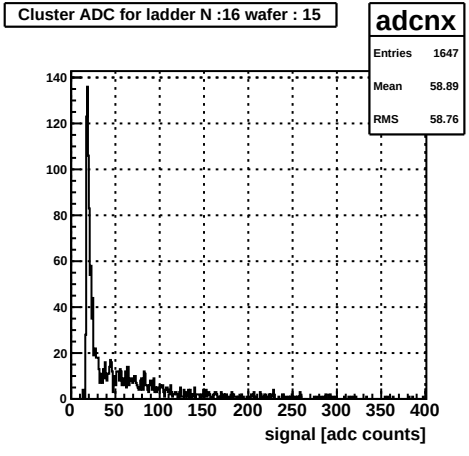

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

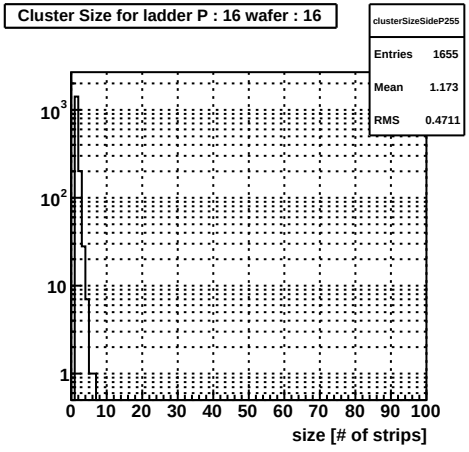

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 1528
Mean 1.234
RMS 0.5602
size [# of strips]

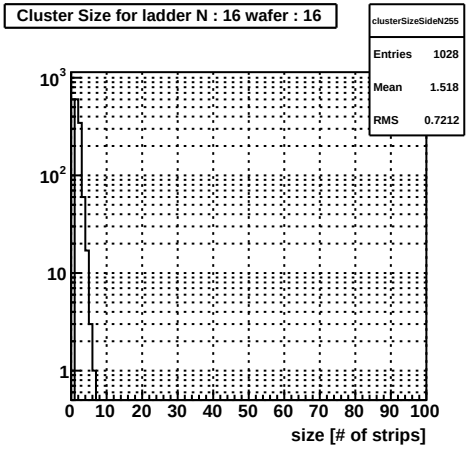

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 1647
Mean 1.482
RMS 0.8505
size [# of strips]

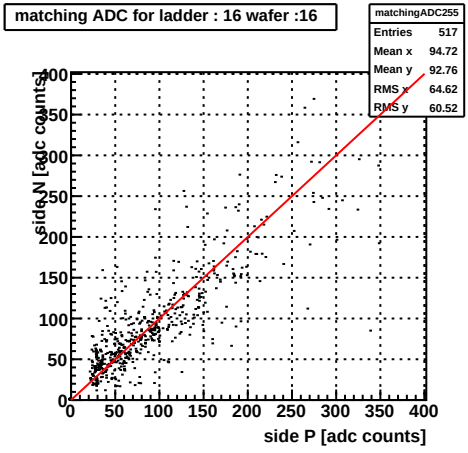

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 687
Mean x 82.15
Mean y 82.23
RMS x 60.72
RMS y 58.86
side N [adc counts]
side P [adc counts]

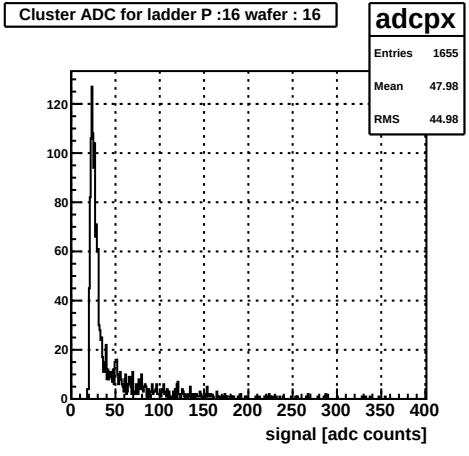

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 1528
Mean 49.69
RMS 51.22
signal [adc counts]

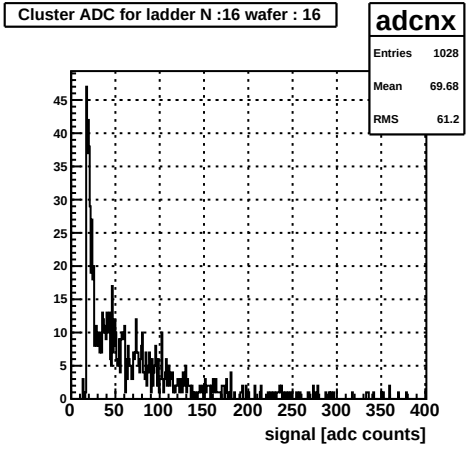

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 1647
Mean 58.89
RMS 58.76
signal [adc counts]

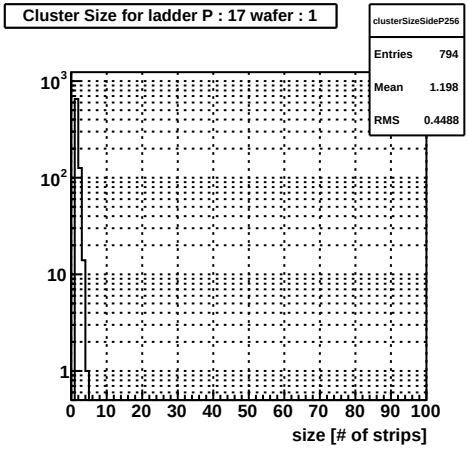

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 1655
Mean 1.173
RMS 0.4711
size [# of strips]

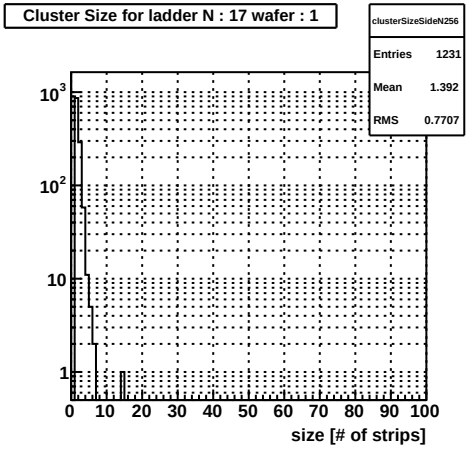

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 1028
Mean 1.518
RMS 0.7212
size [# of strips]

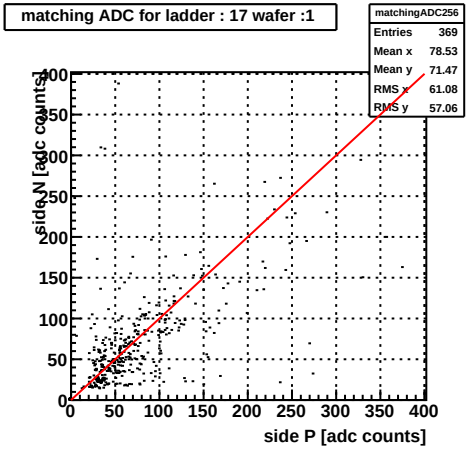

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 517
Mean x 94.72
Mean y 92.76
RMS x 64.62
RMS y 60.52
side N [adc counts]
side P [adc counts]

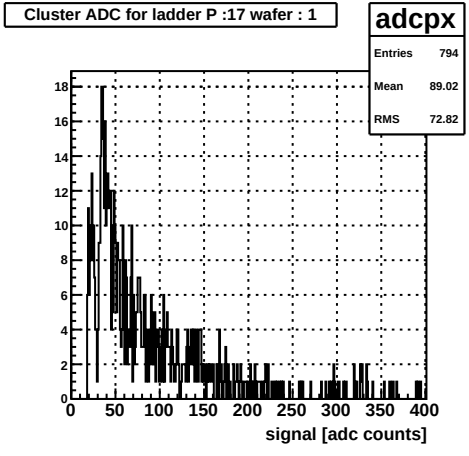

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 1655
Mean 47.98
RMS 44.98
signal [adc counts]

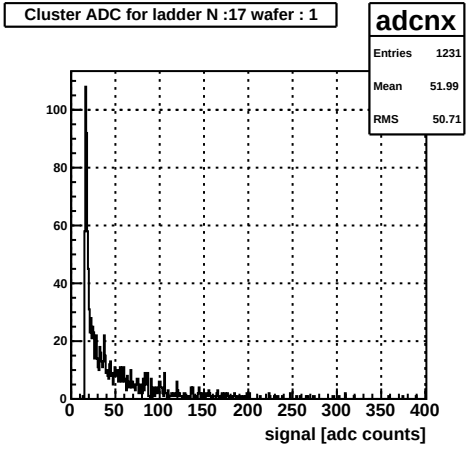

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 1028
Mean 69.68
RMS 61.2
signal [adc counts]

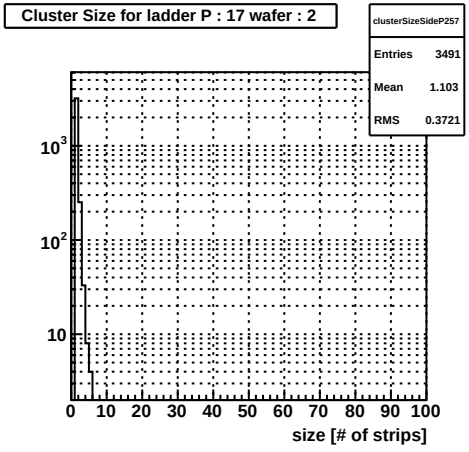

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 794
Mean 1.198
RMS 0.4488
size [# of strips]

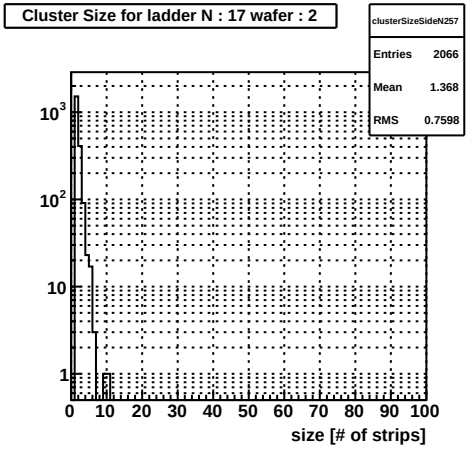

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 1231
Mean 1.392
RMS 0.7707
size [# of strips]

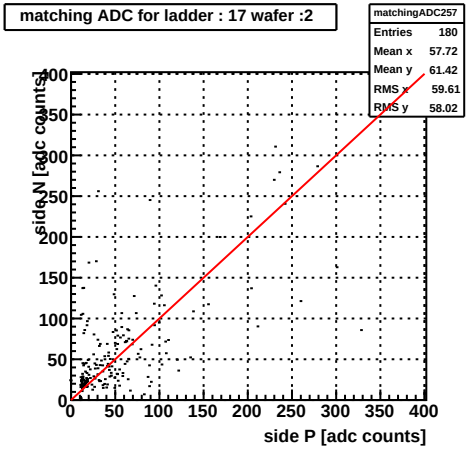

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 369
Mean x 78.53
Mean y 71.47
RMS x 61.08
RMS y 57.06
side N [adc counts]
side P [adc counts]

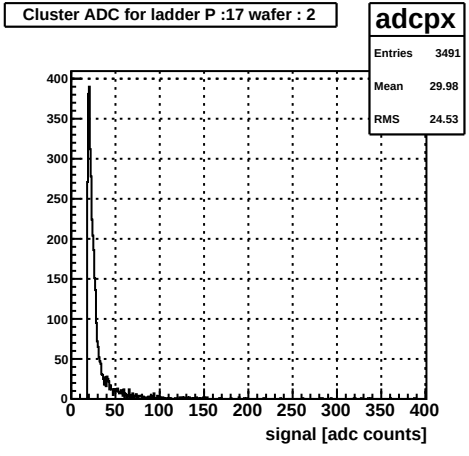

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 794
Mean 89.02
RMS 72.82
signal [adc counts]

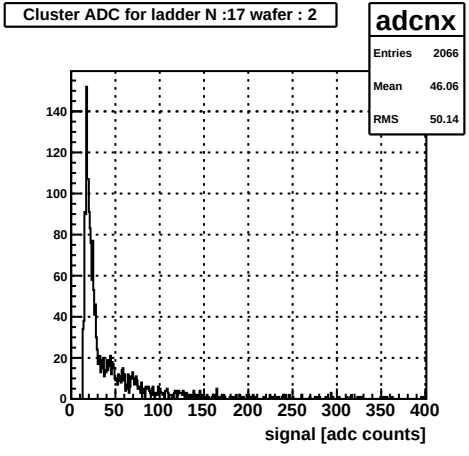

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 1231
Mean 51.99
RMS 50.71
signal [adc counts]

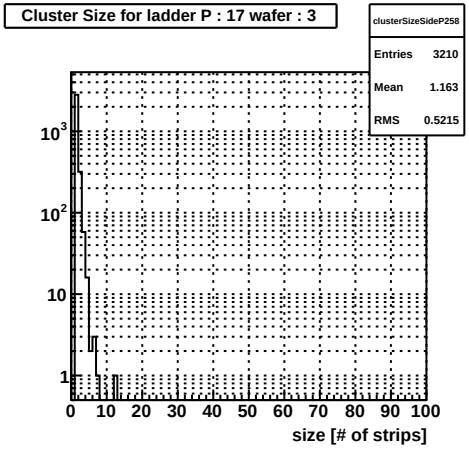

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 3491
Mean 1.103
RMS 0.3721
size [# of strips]

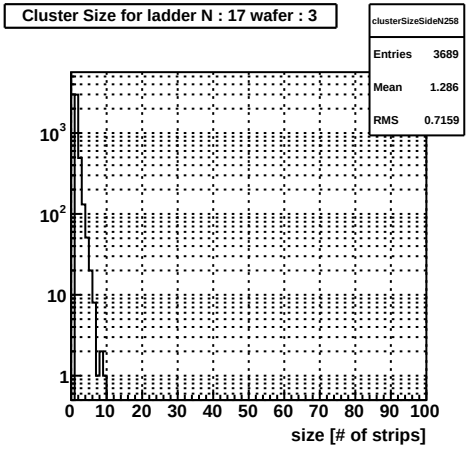

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 2066
Mean 1.368
RMS 0.7598
size [# of strips]

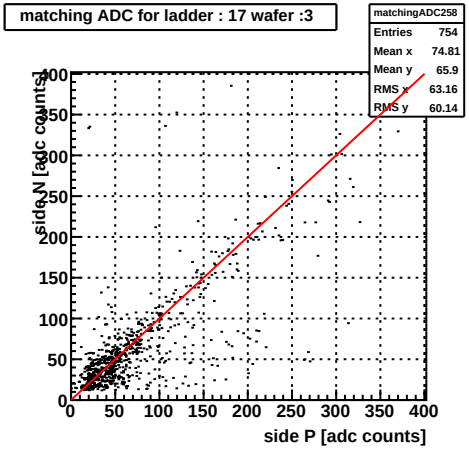

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 180
Mean x 57.72
Mean y 61.42
RMS x 59.61
RMS y 58.02
side N [adc counts]
side P [adc counts]

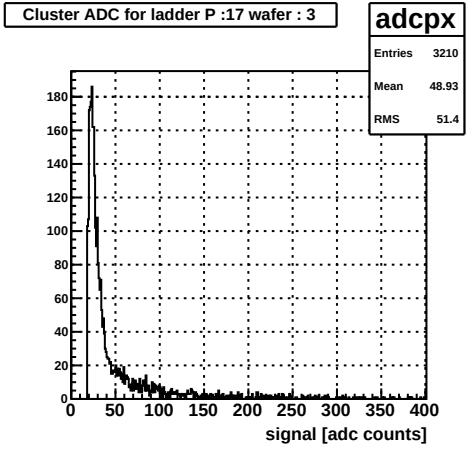

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 3491
Mean 29.98
RMS 24.53
signal [adc counts]

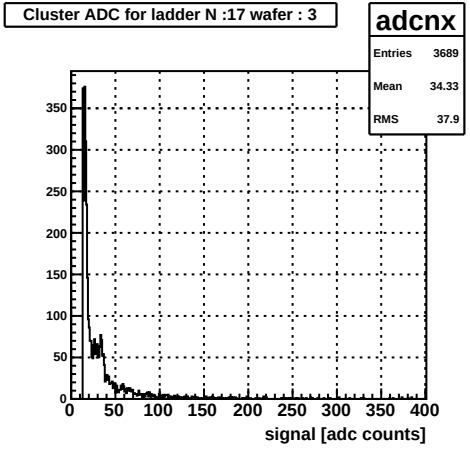

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 2066
Mean 46.06
RMS 50.14
signal [adc counts]

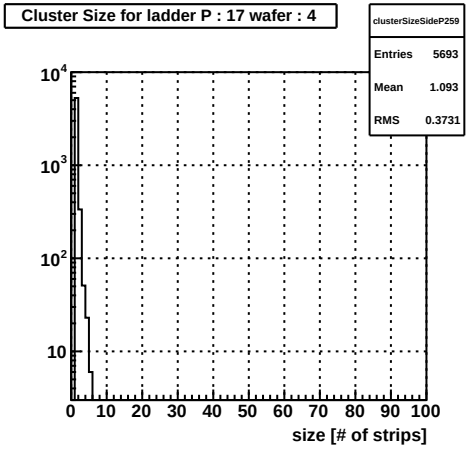

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 3210
Mean 1.163
RMS 0.5215
size [# of strips]

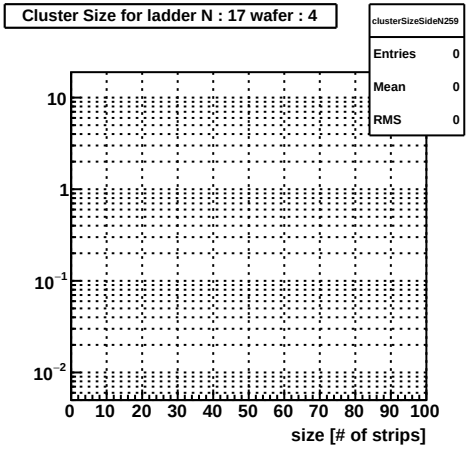

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 3689
Mean 1.286
RMS 0.7159
size [# of strips]

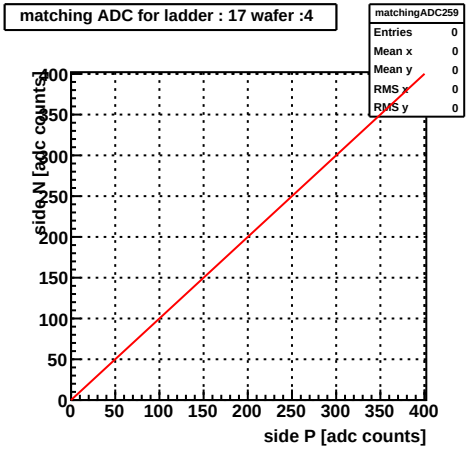

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 754
Mean x 74.81
Mean y 65.9
RMS x 63.16
RMS y 60.14
side N [adc counts]
side P [adc counts]

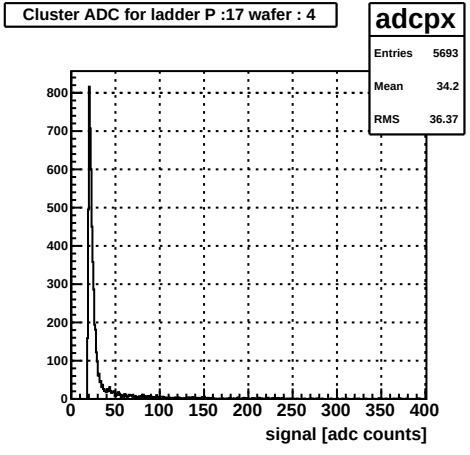

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 3210
Mean 48.93
RMS 51.4
signal [adc counts]

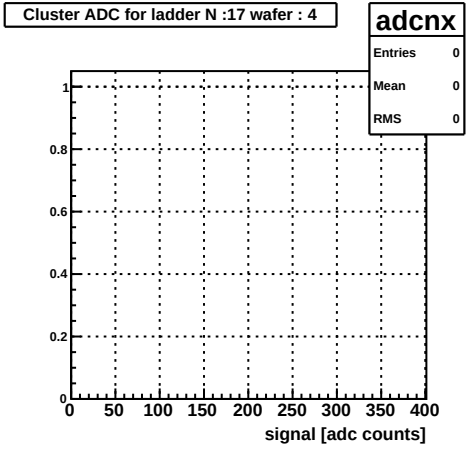

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 3689
Mean 34.33
RMS 37.9
signal [adc counts]

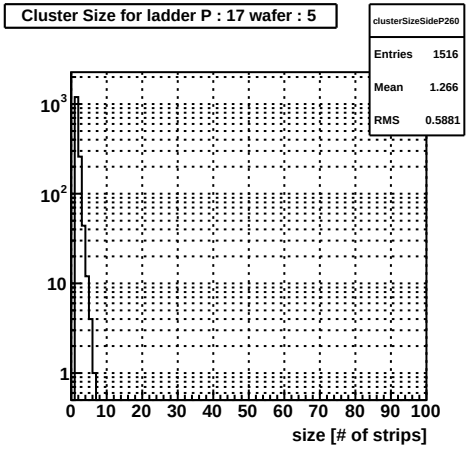

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 5693
Mean 1.093
RMS 0.3731
size [# of strips]

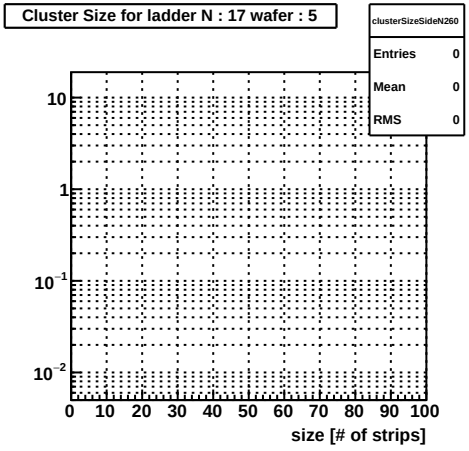

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

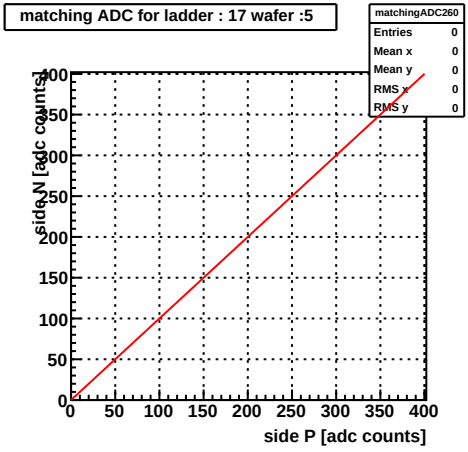

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

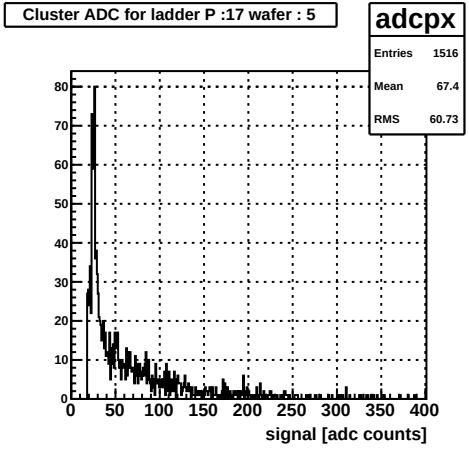

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 5693
Mean 34.2
RMS 36.37
signal [adc counts]

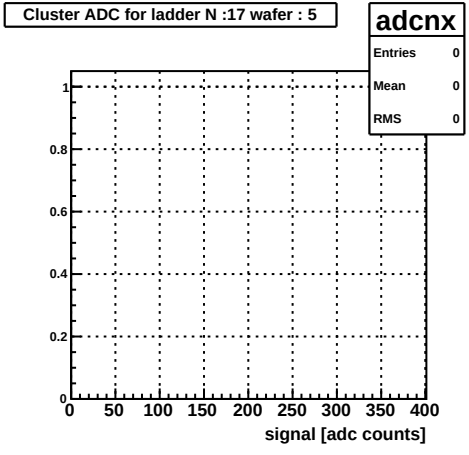

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

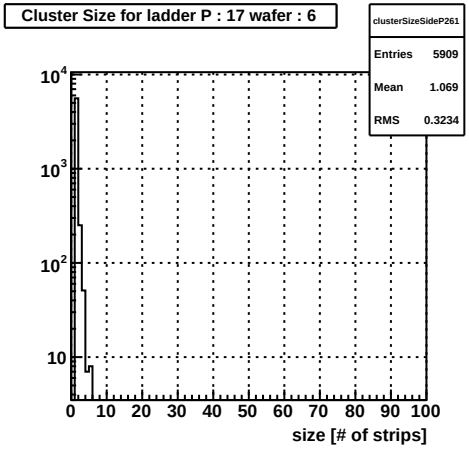

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 1516
Mean 1.266
RMS 0.5881
size [# of strips]

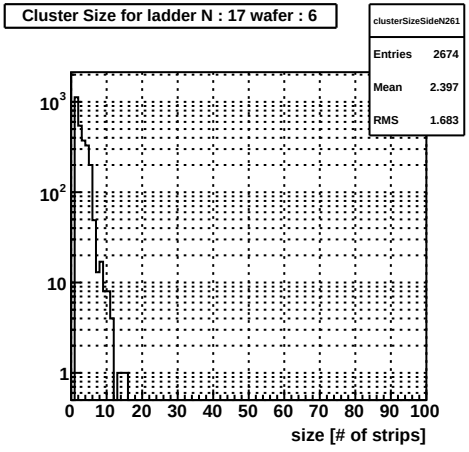

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

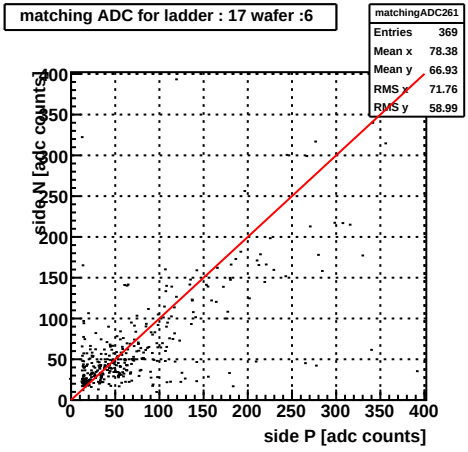

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

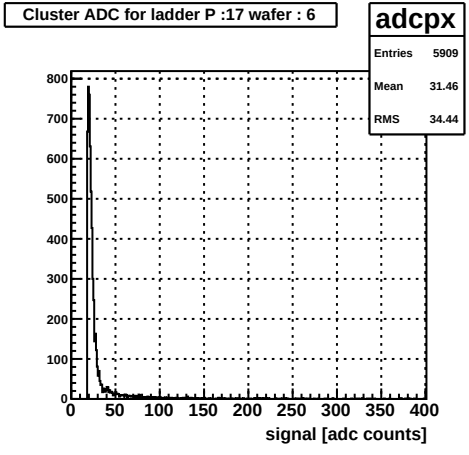

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 1516
Mean 67.4
RMS 60.73
signal [adc counts]

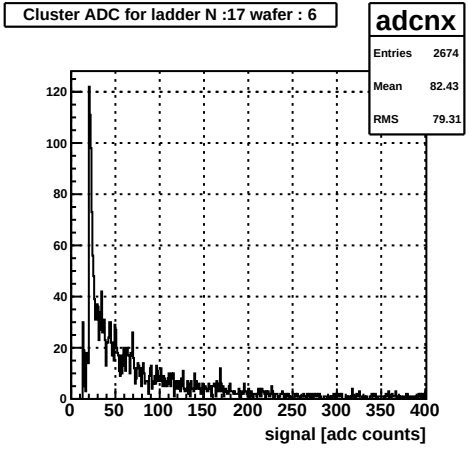

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

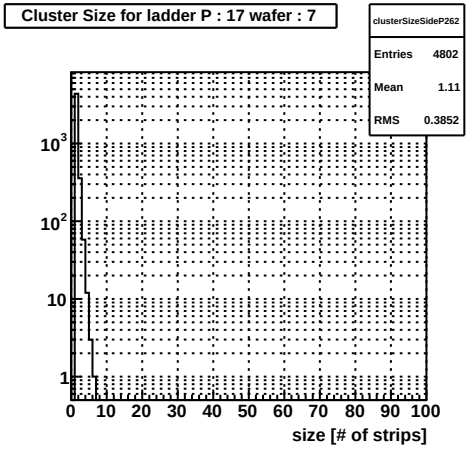

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 5909
Mean 1.069
RMS 0.3234
size [# of strips]

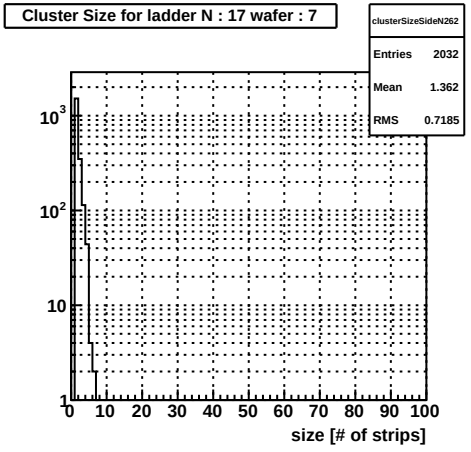

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 2674
Mean 2.397
RMS 1.683
size [# of strips]

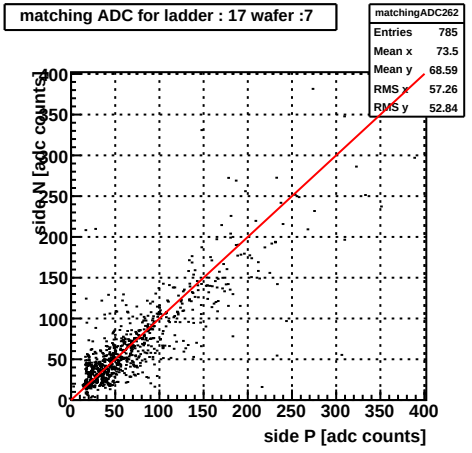

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 369
Mean x 78.38
Mean y 66.93
RMS x 71.76
RMS y 58.99
side N [adc counts]
side P [adc counts]

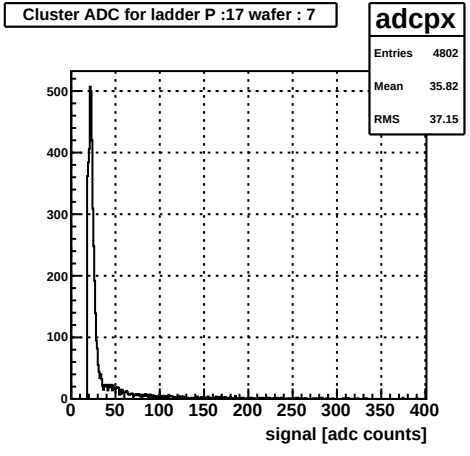

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 5909
Mean 31.46
RMS 34.44
signal [adc counts]

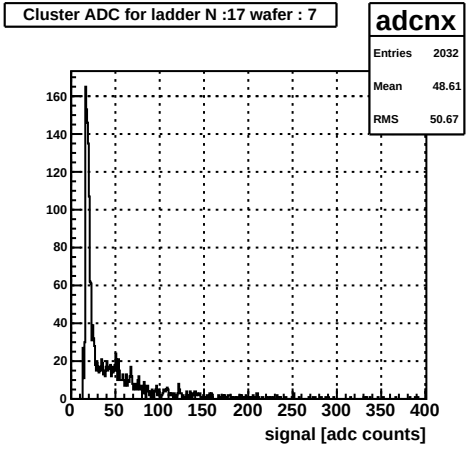

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 2674
Mean 82.43
RMS 79.31
signal [adc counts]

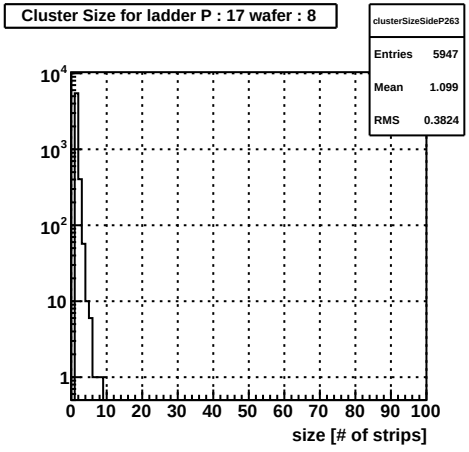

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 4802
Mean 1.11
RMS 0.3852
size [# of strips]

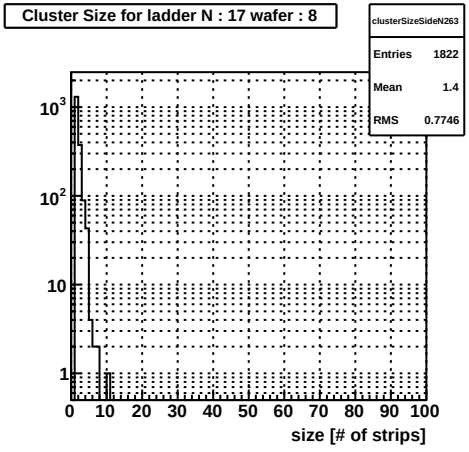

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 2032
Mean 1.362
RMS 0.7185
size [# of strips]

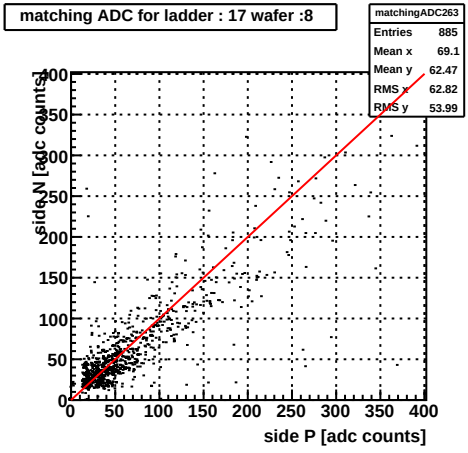

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 785
Mean x 73.5
Mean y 68.59
RMS x 57.26
RMS y 52.84
side N [adc counts]
side P [adc counts]

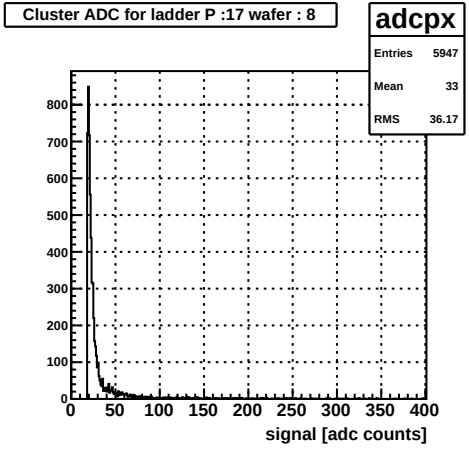

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 4802
Mean 35.82
RMS 37.15
signal [adc counts]

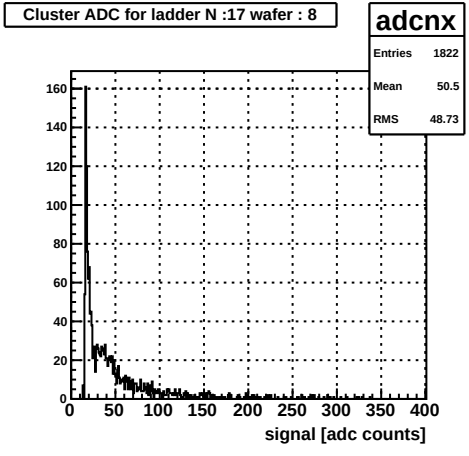

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 2032
Mean 48.61
RMS 50.67
signal [adc counts]

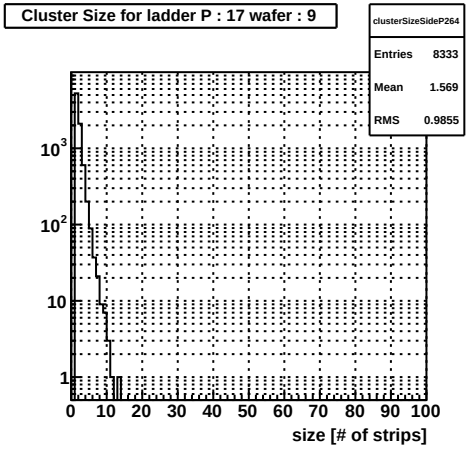

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 5947
Mean 1.099
RMS 0.3824
size [# of strips]

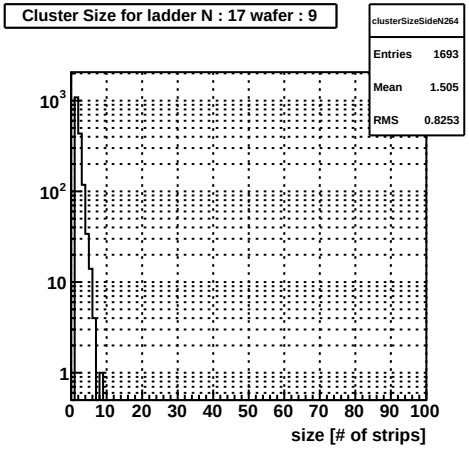

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 1822
Mean 1.4
RMS 0.7746
size [# of strips]

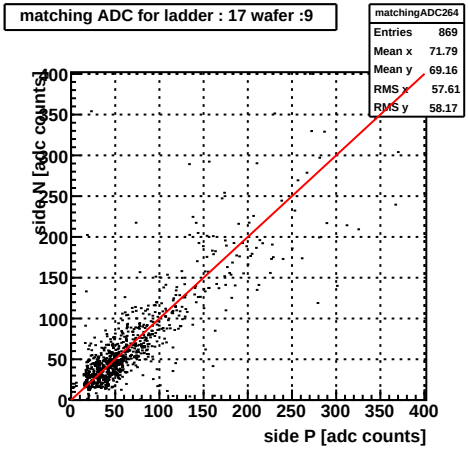

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 885
Mean x 69.1
Mean y 62.47
RMS x 62.82
RMS y 53.99
side N [adc counts]
side P [adc counts]

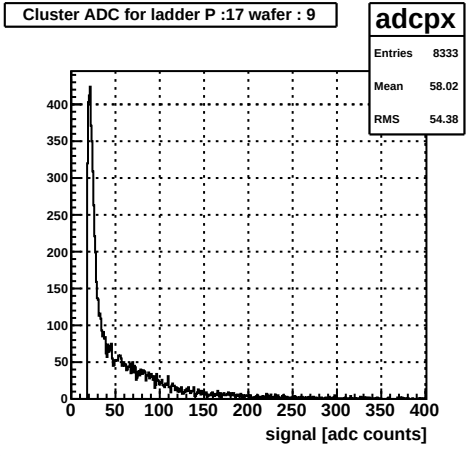

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 5947
Mean 33
RMS 36.17
signal [adc counts]

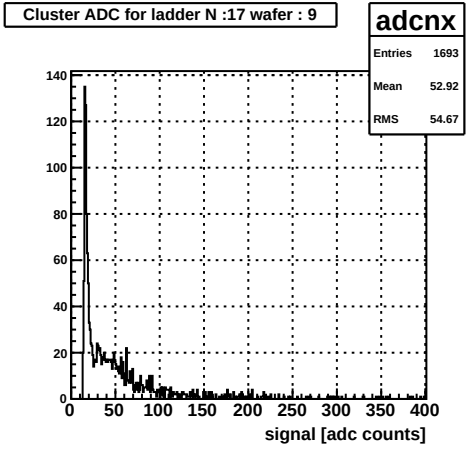

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 1822
Mean 50.5
RMS 48.73
signal [adc counts]

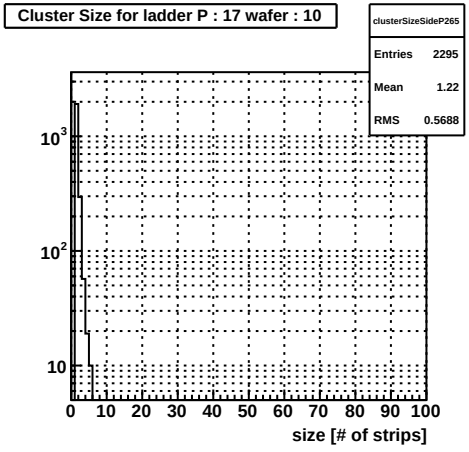

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 8333
Mean 1.569
RMS 0.9855
size [# of strips]

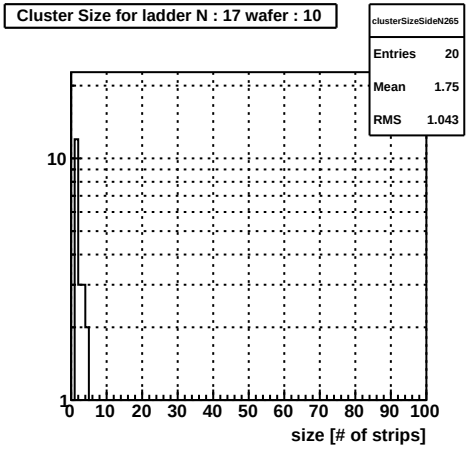

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 1693
Mean 1.505
RMS 0.8253
size [# of strips]

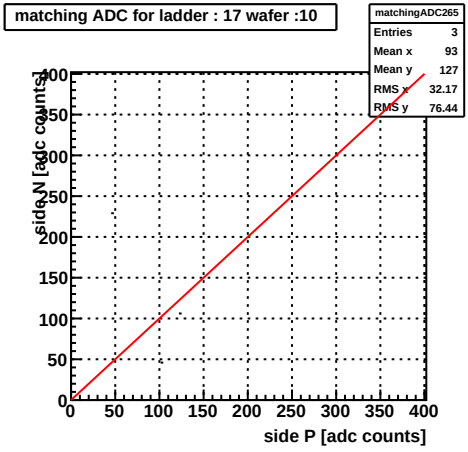

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 869
Mean x 71.79
Mean y 69.16
RMS x 57.61
RMS y 58.17
side N [adc counts]
side P [adc counts]

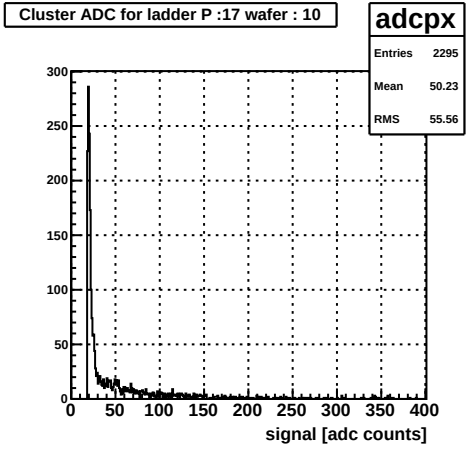

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 8333
Mean 58.02
RMS 54.38
signal [adc counts]

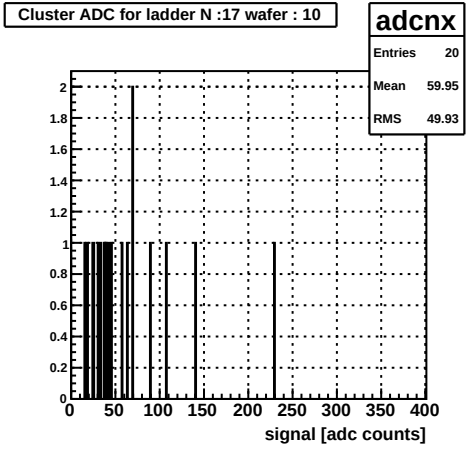

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 1693
Mean 52.92
RMS 54.67
signal [adc counts]

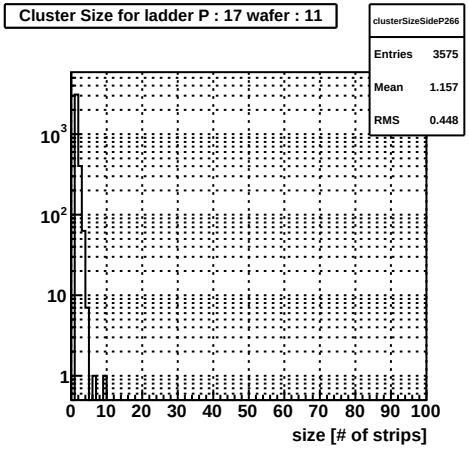

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 2295
Mean 1.22
RMS 0.5688
size [# of strips]

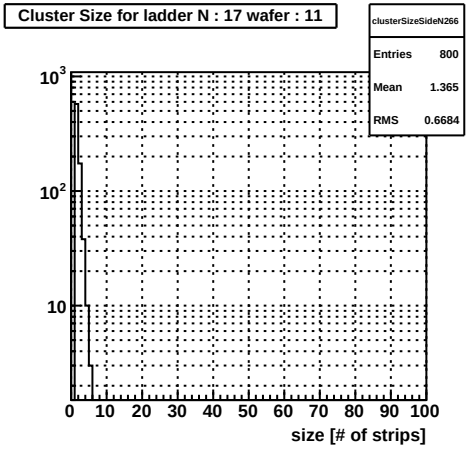

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 20
Mean 1.75
RMS 1.043
size [# of strips]

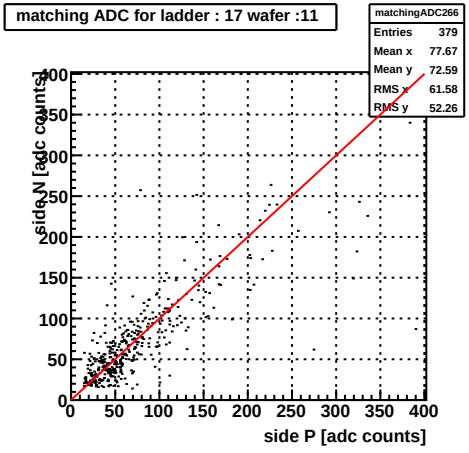

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 3
Mean x 93
Mean y 127
RMS x 32.17
RMS y 76.44
side N [adc counts]
side P [adc counts]

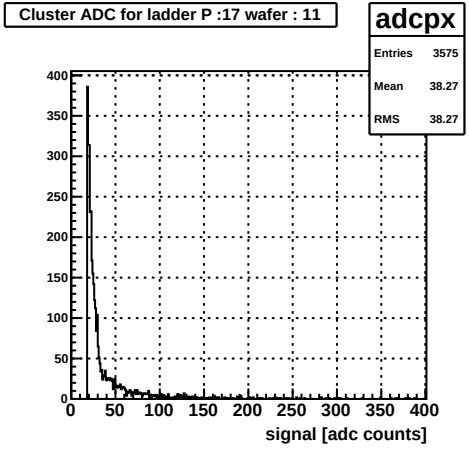

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 2295
Mean 50.23
RMS 55.56
signal [adc counts]

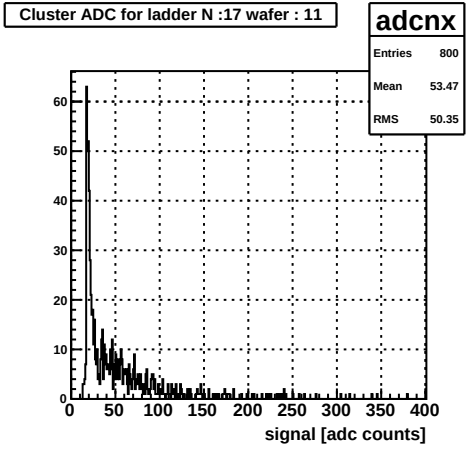

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 20
Mean 59.95
RMS 49.93
signal [adc counts]

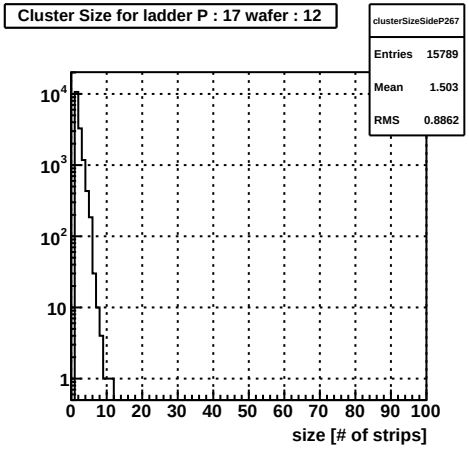

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 3575
Mean 1.157
RMS 0.448
size [# of strips]

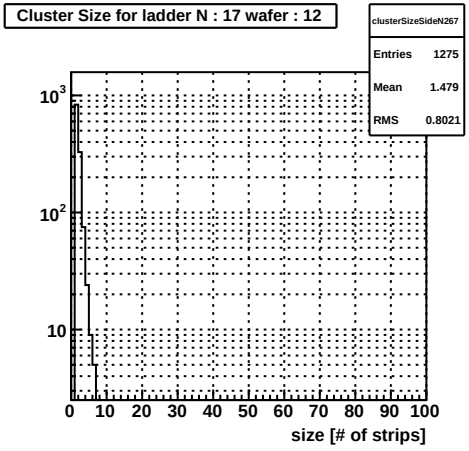

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 800
Mean 1.365
RMS 0.6684
size [# of strips]

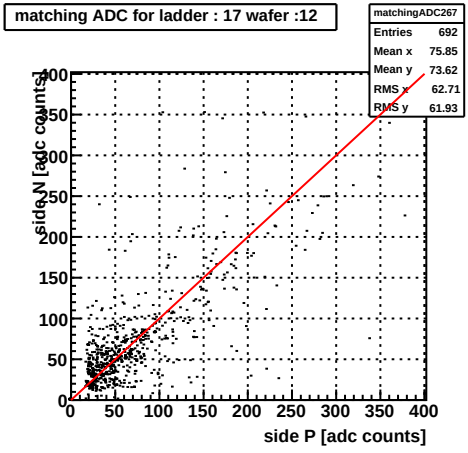

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 379
Mean x 77.67
Mean y 72.59
RMS x 61.58
RMS y 52.26
side N [adc counts]
side P [adc counts]

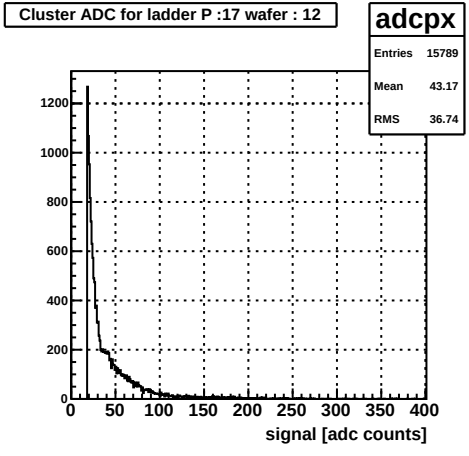

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 3575
Mean 38.27
RMS 38.27
signal [adc counts]

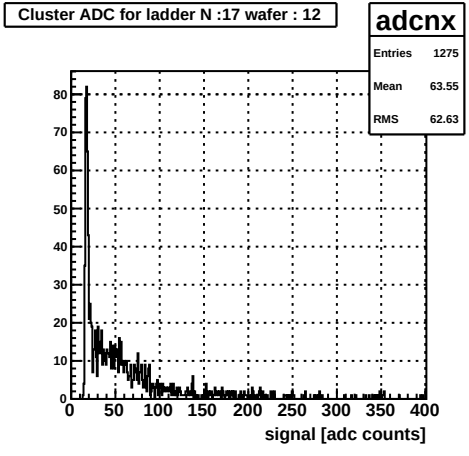

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 800
Mean 53.47
RMS 50.35
signal [adc counts]

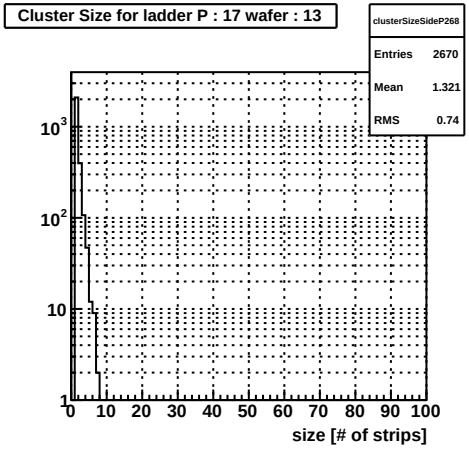

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 15789
Mean 1.503
RMS 0.8862
size [# of strips]

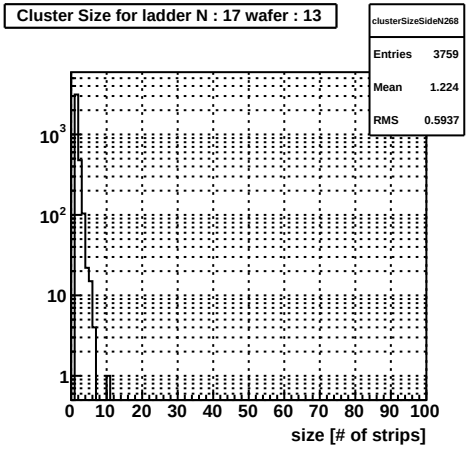

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 1275
Mean 1.479
RMS 0.8021
size [# of strips]

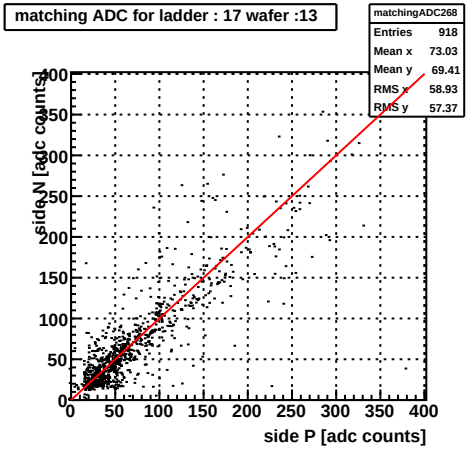

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 692
Mean x 75.85
Mean y 73.62
RMS x 62.71
RMS y 61.93
side N [adc counts]
side P [adc counts]

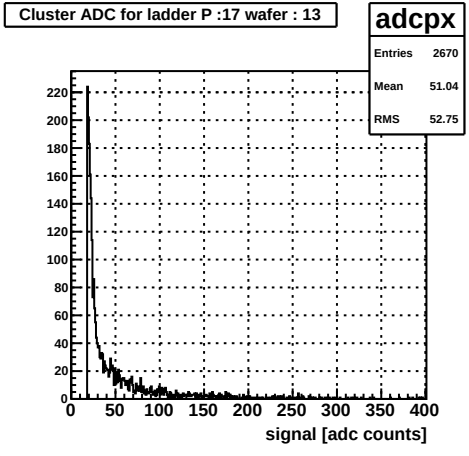

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 15789
Mean 43.17
RMS 36.74
signal [adc counts]

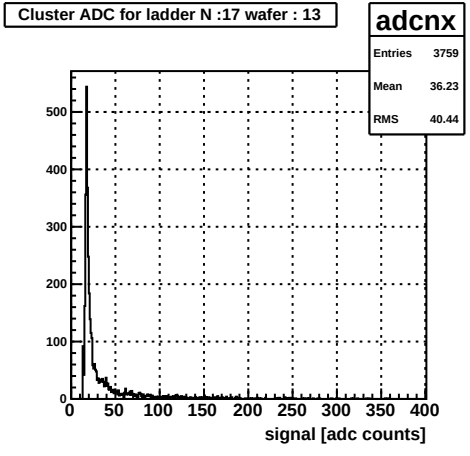

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 1275
Mean 63.55
RMS 62.63
signal [adc counts]

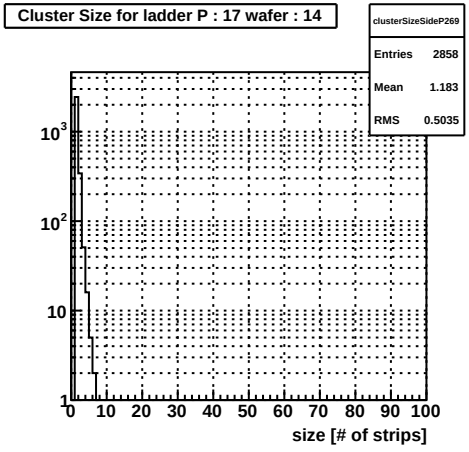

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 2670
Mean 1.321
RMS 0.74
size [# of strips]

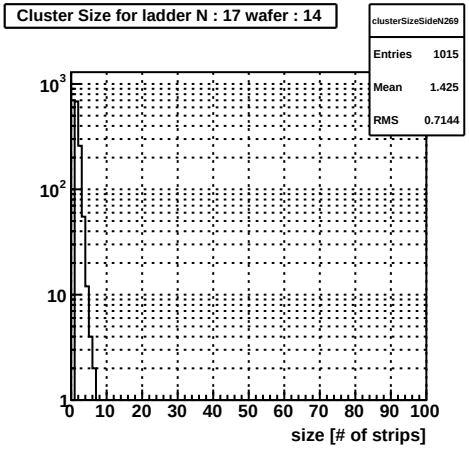

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 3759
Mean 1.224
RMS 0.5937
size [# of strips]

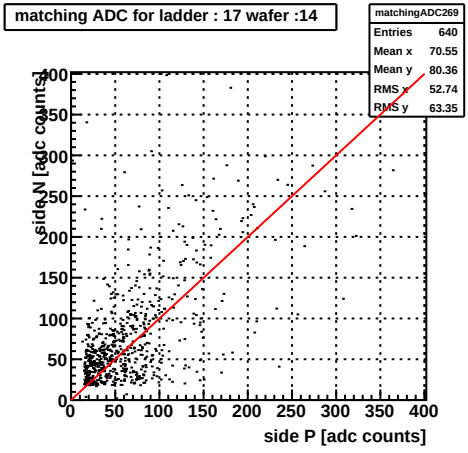

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 918
Mean x 73.03
Mean y 69.41
RMS x 58.93
RMS y 57.37
side N [adc counts]
side P [adc counts]

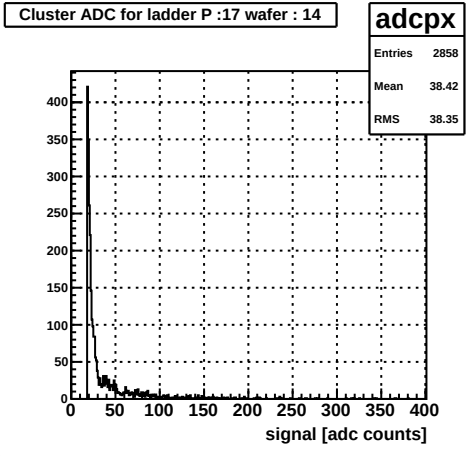

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 2670
Mean 51.04
RMS 52.75
signal [adc counts]

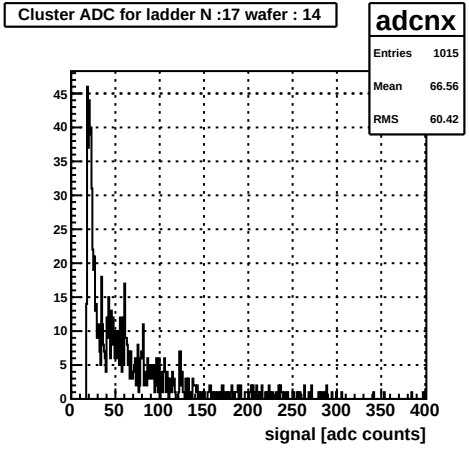

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 3759
Mean 36.23
RMS 40.44
signal [adc counts]

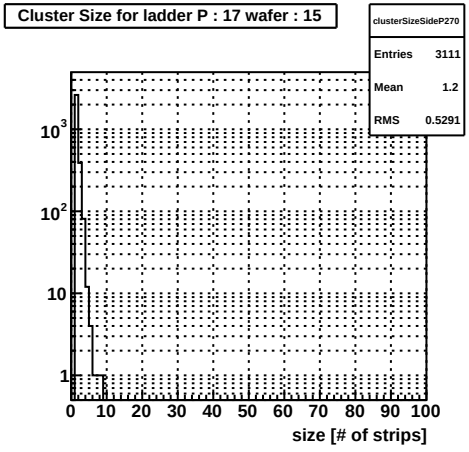

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 2858
Mean 1.183
RMS 0.5035
size [# of strips]

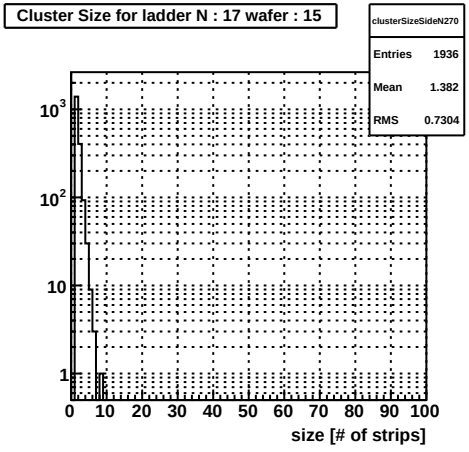

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 1015
Mean 1.425
RMS 0.7144
size [# of strips]

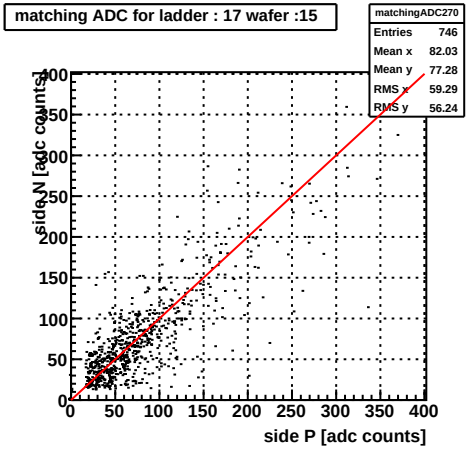

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 640
Mean x 70.55
Mean y 80.36
RMS x 52.74
RMS y 63.35
side N [adc counts]
side P [adc counts]

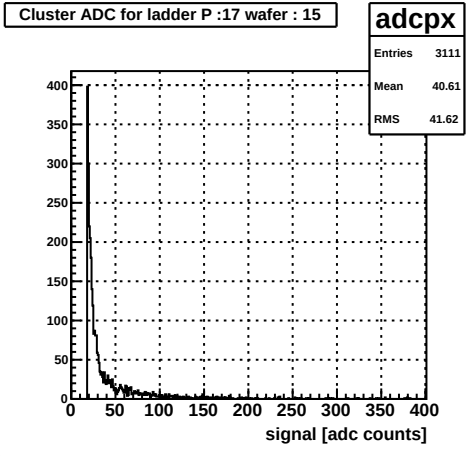

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 2858
Mean 38.42
RMS 38.35
signal [adc counts]

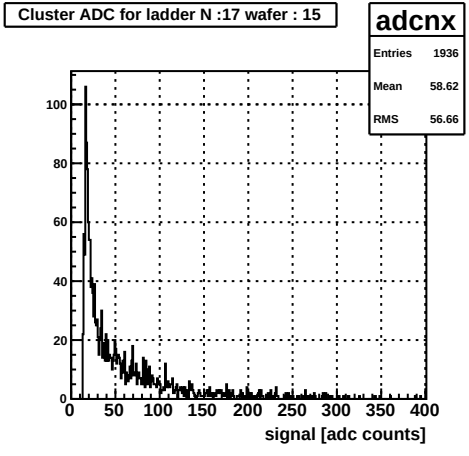

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 1015
Mean 66.56
RMS 60.42
signal [adc counts]

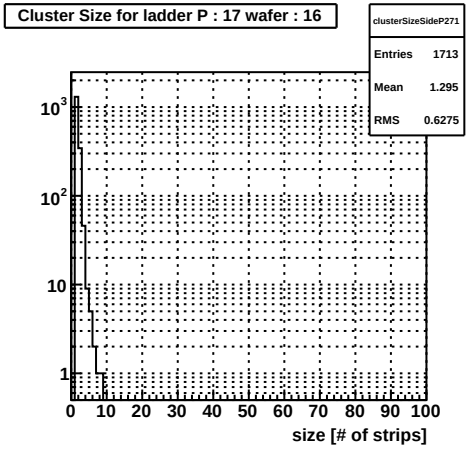

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 3111
Mean 1.2
RMS 0.5291
size [# of strips]

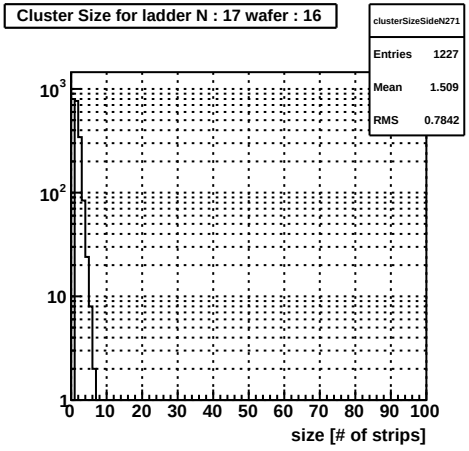

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 1936
Mean 1.382
RMS 0.7304
size [# of strips]

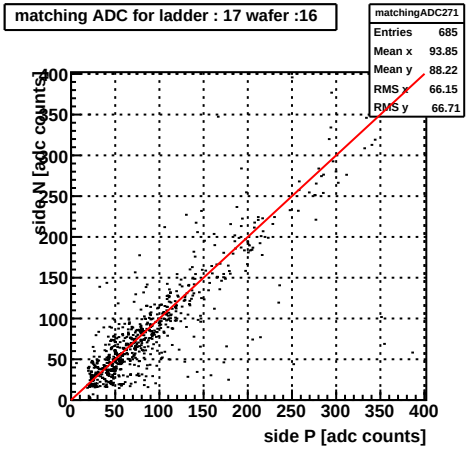

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 746
Mean x 82.03
Mean y 77.28
RMS x 59.29
RMS y 56.24
side N [adc counts]
side P [adc counts]

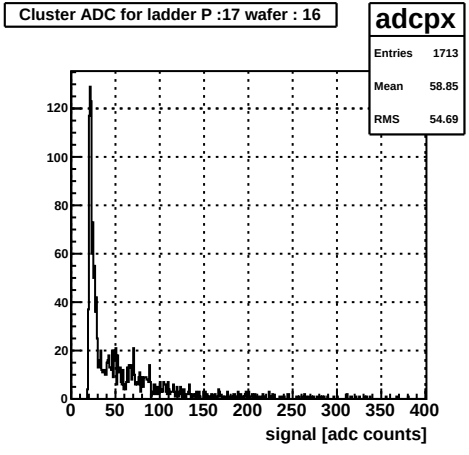

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 3111
Mean 40.61
RMS 41.62
signal [adc counts]

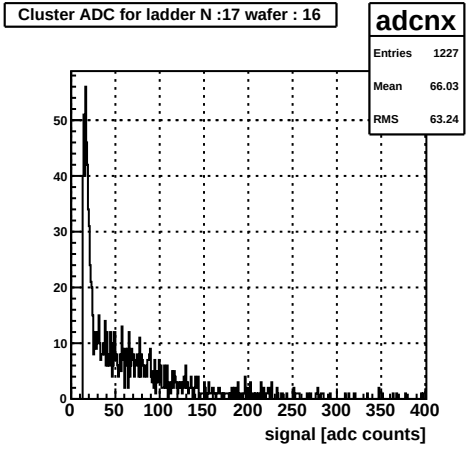

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 1936
Mean 58.62
RMS 56.66
signal [adc counts]

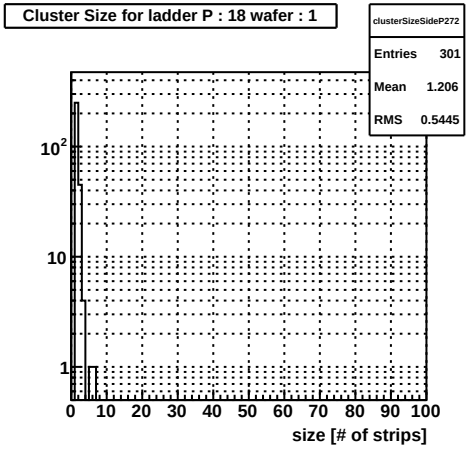

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 1713
Mean 1.295
RMS 0.6275
size [# of strips]

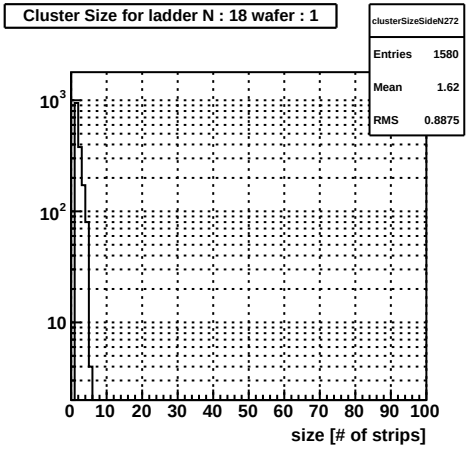

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 1227
Mean 1.509
RMS 0.7842
size [# of strips]

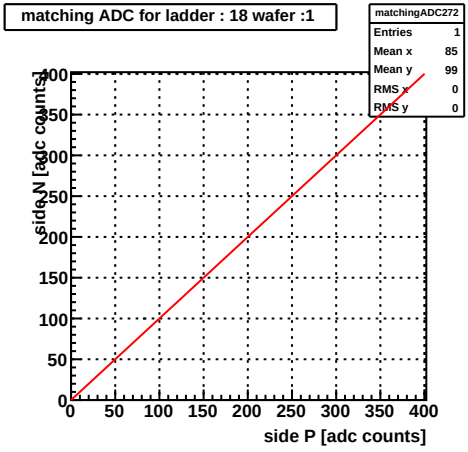

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 685
Mean x 93.85
Mean y 88.22
RMS x 66.15
RMS y 66.71
side N [adc counts]
side P [adc counts]

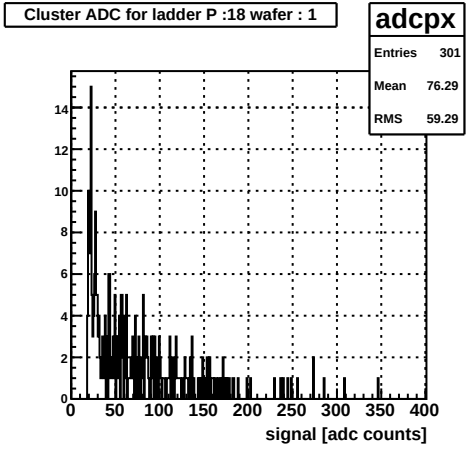

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 1713
Mean 58.85
RMS 54.69
signal [adc counts]

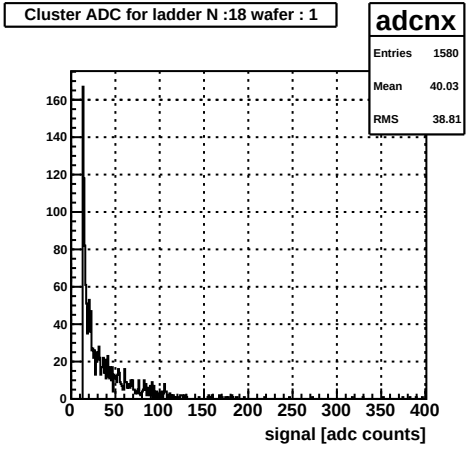

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 1227
Mean 66.03
RMS 63.24
signal [adc counts]

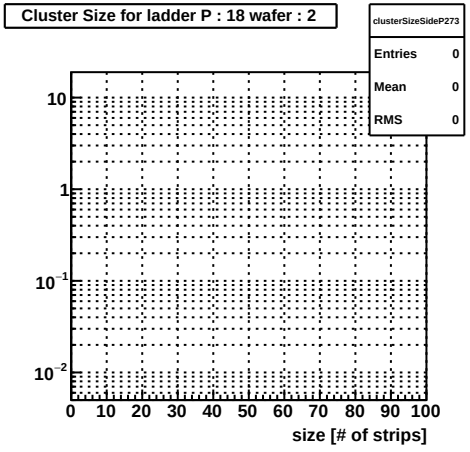

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 301
Mean 1.206
RMS 0.5445
size [# of strips]

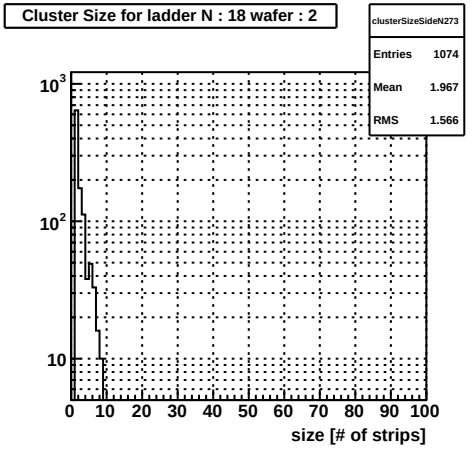

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1580
Mean 1.62
RMS 0.8875
size [# of strips]

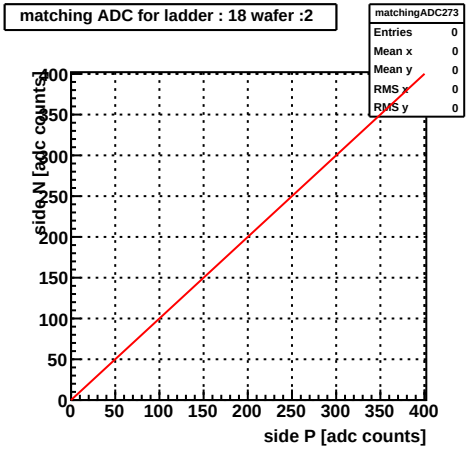

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 1
Mean x 85
Mean y 99
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

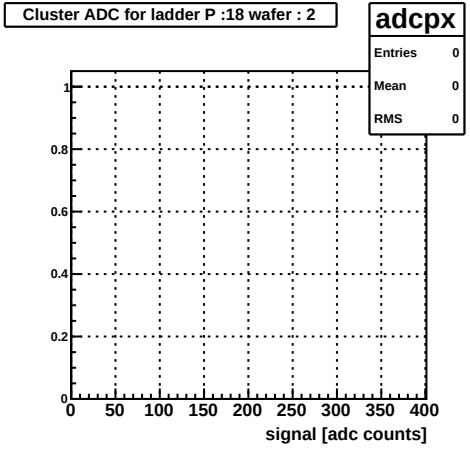

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 301
Mean 76.29
RMS 59.29
signal [adc counts]

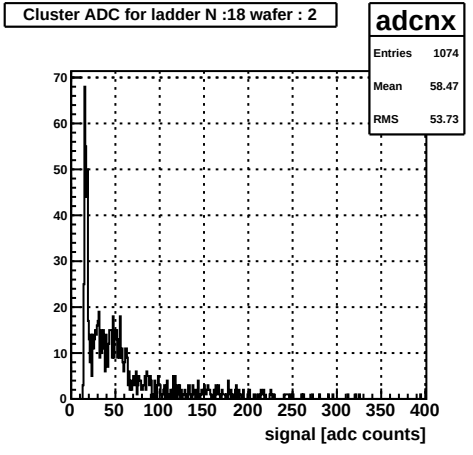

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1580
Mean 40.03
RMS 38.81
signal [adc counts]

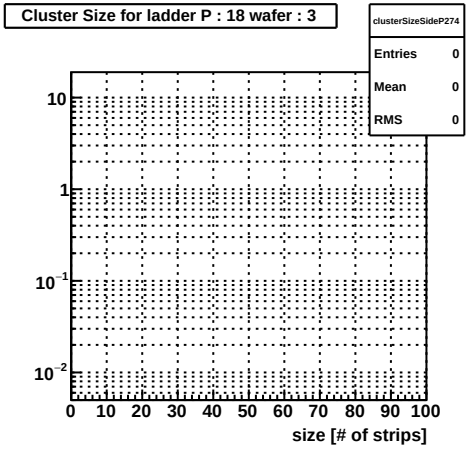

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

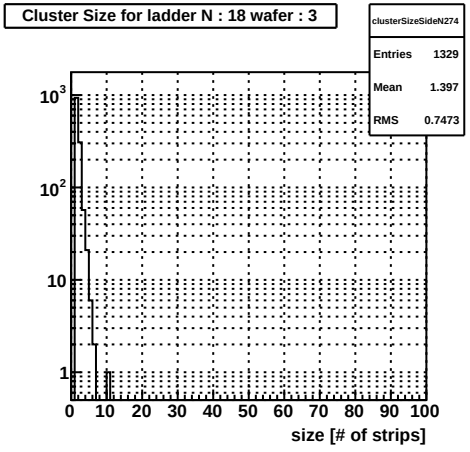

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 1074
Mean 1.967
RMS 1.566
size [# of strips]

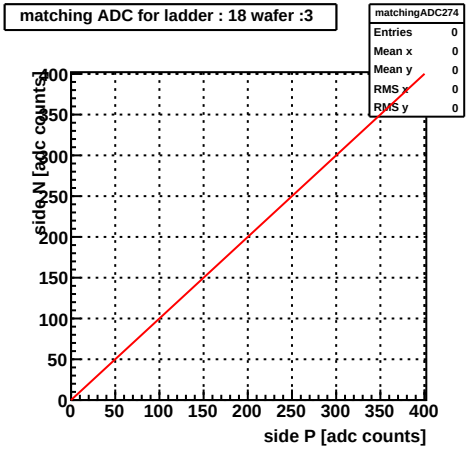

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

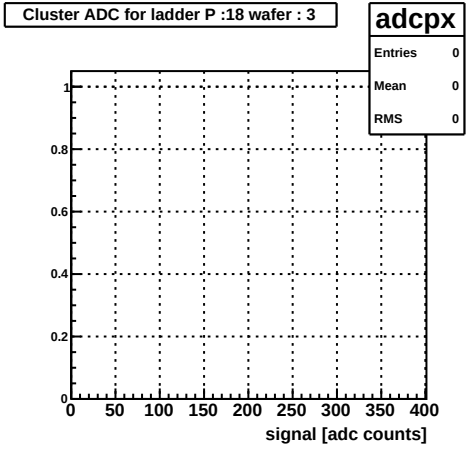

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

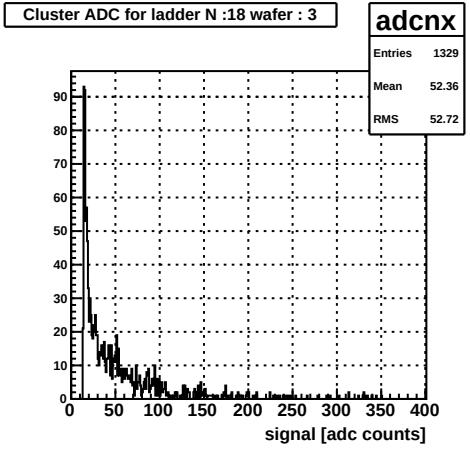

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 1074
Mean 58.47
RMS 53.73
signal [adc counts]

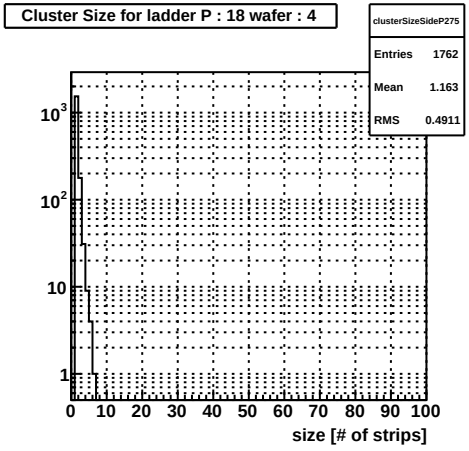

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

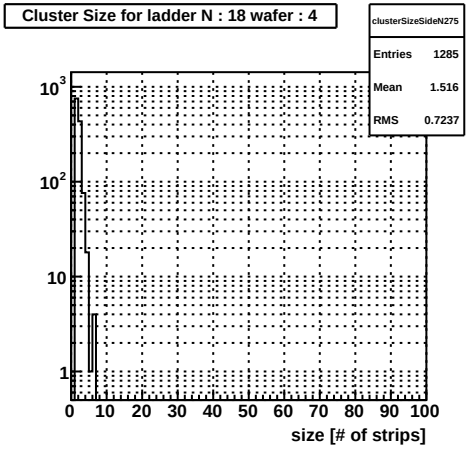

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 1329
Mean 1.397
RMS 0.7473
size [# of strips]

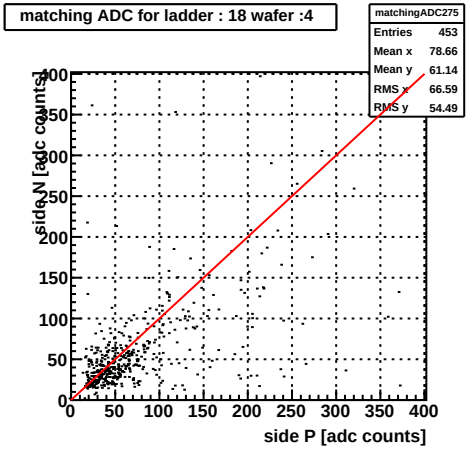

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

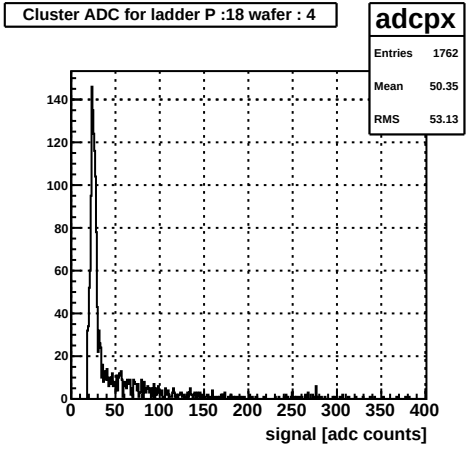

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

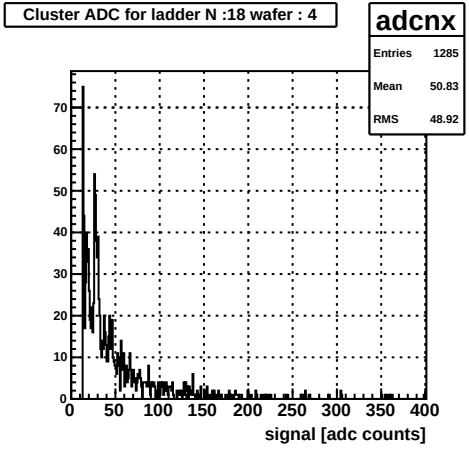

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 1329
Mean 52.36
RMS 52.72
signal [adc counts]

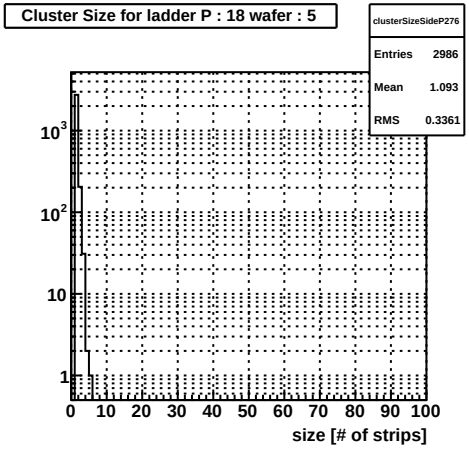

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 1762
Mean 1.163
RMS 0.4911
size [# of strips]

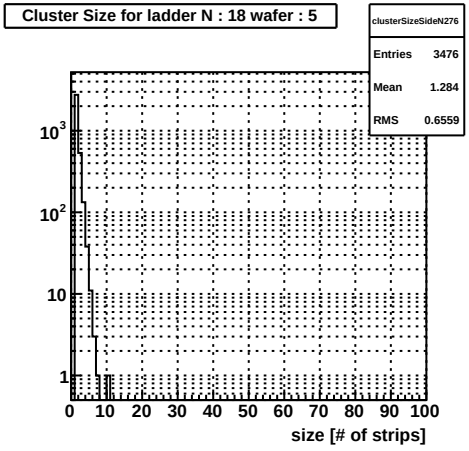

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 1285
Mean 1.516
RMS 0.7237
size [# of strips]

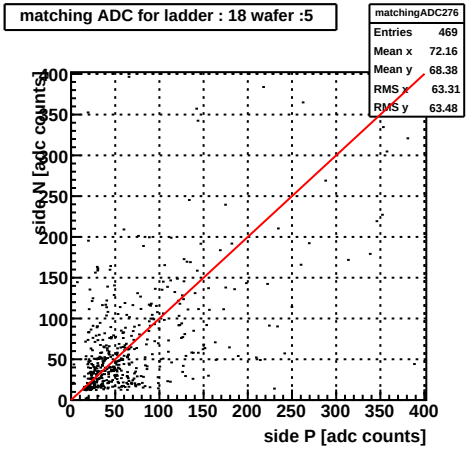

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 453
Mean x 78.66
Mean y 61.14
RMS x 66.59
RMS y 54.49
side N [adc counts]
side P [adc counts]

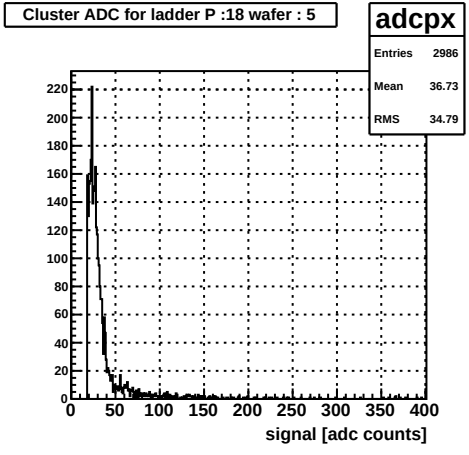

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 1762
Mean 50.35
RMS 53.13
signal [adc counts]

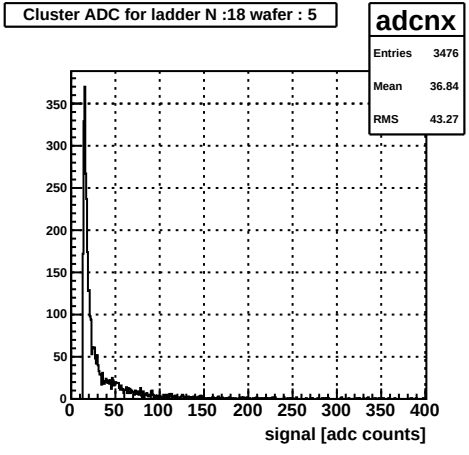

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 1285
Mean 50.83
RMS 48.92
signal [adc counts]

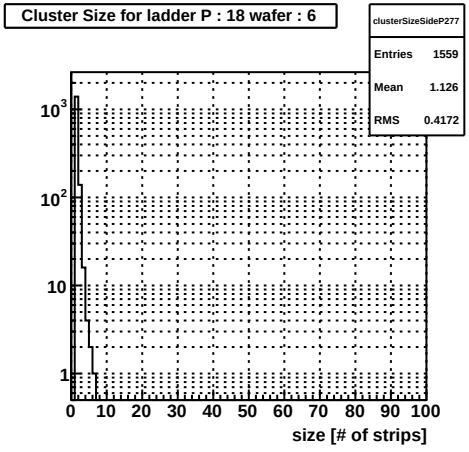

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 2986
Mean 1.093
RMS 0.3361
size [# of strips]

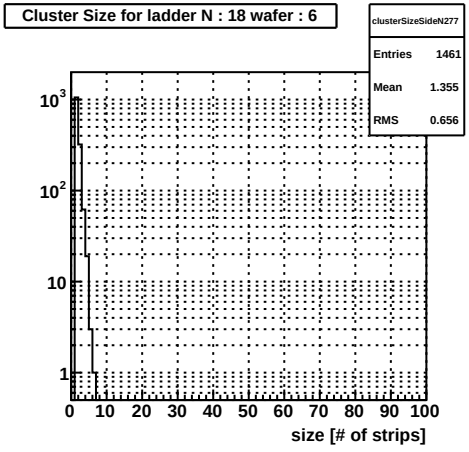

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 3476
Mean 1.284
RMS 0.6559
size [# of strips]

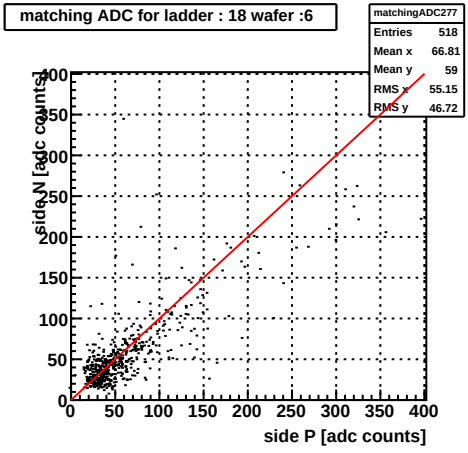

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 469
Mean x 72.16
Mean y 68.38
RMS x 63.31
RMS y 63.48
side N [adc counts]
side P [adc counts]

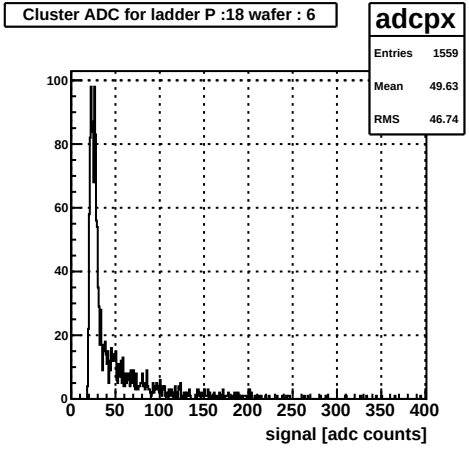

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 2986
Mean 36.73
RMS 34.79
signal [adc counts]

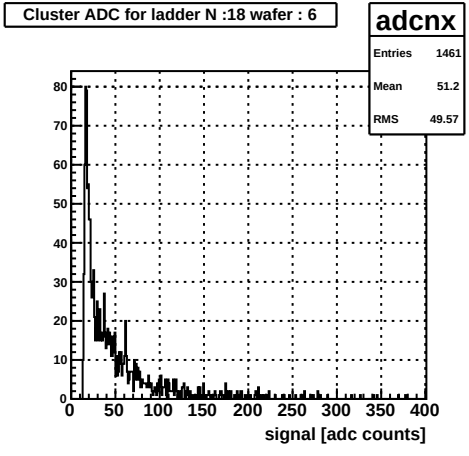

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 3476
Mean 36.84
RMS 43.27
signal [adc counts]

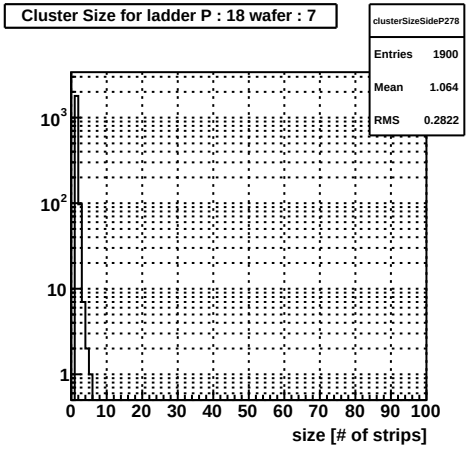

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 1559
Mean 1.126
RMS 0.4172
size [# of strips]

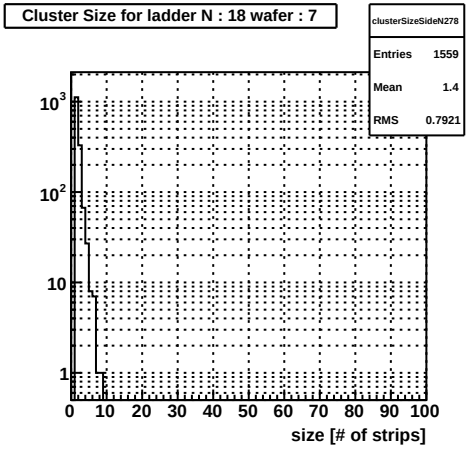

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 1461
Mean 1.355
RMS 0.656
size [# of strips]

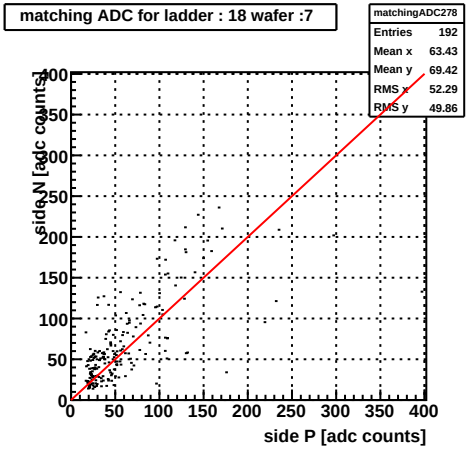

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 518
Mean x 66.81
Mean y 59
RMS x 55.15
RMS y 46.72
side N [adc counts]
side P [adc counts]

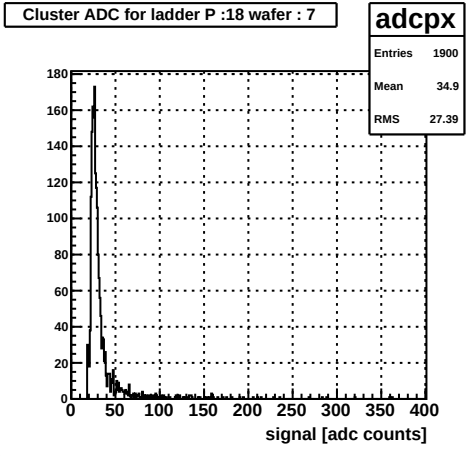

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 1559
Mean 49.63
RMS 46.74
signal [adc counts]

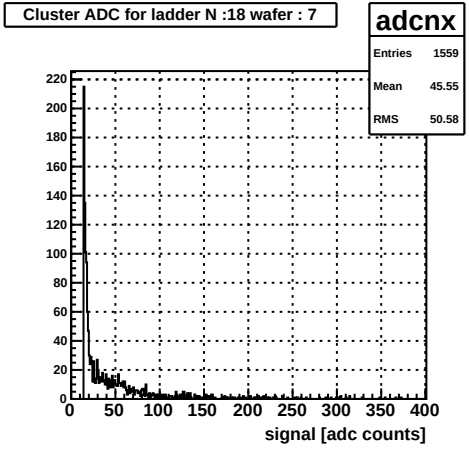

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 1461
Mean 51.2
RMS 49.57
signal [adc counts]

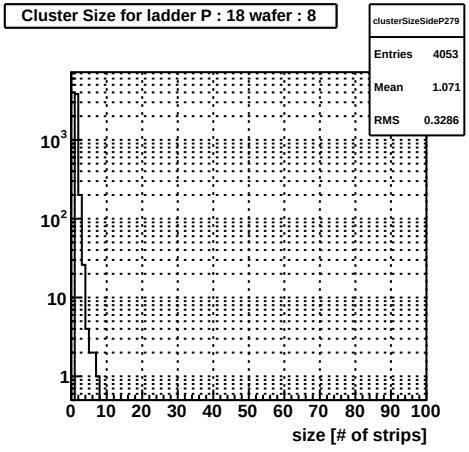

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 1900
Mean 1.064
RMS 0.2822
size [# of strips]

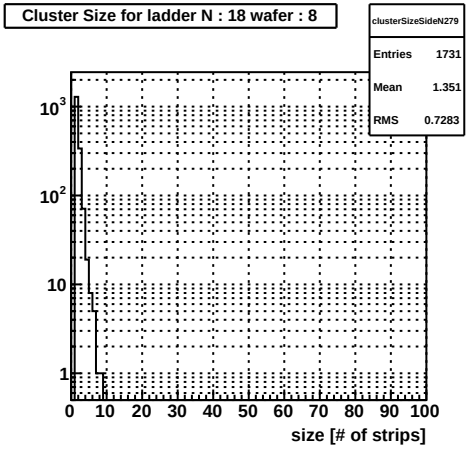

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 1559
Mean 1.4
RMS 0.7921
size [# of strips]

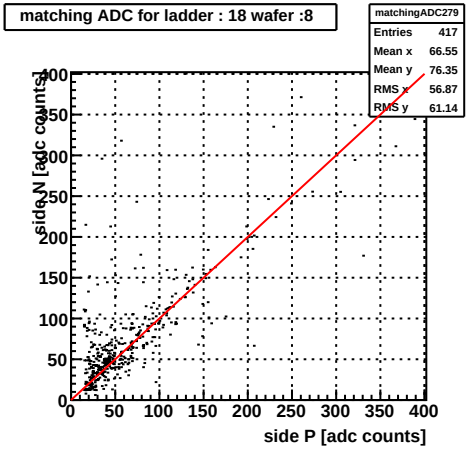

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 192
Mean x 63.43
Mean y 69.42
RMS x 52.29
RMS y 49.86
side N [adc counts]
side P [adc counts]

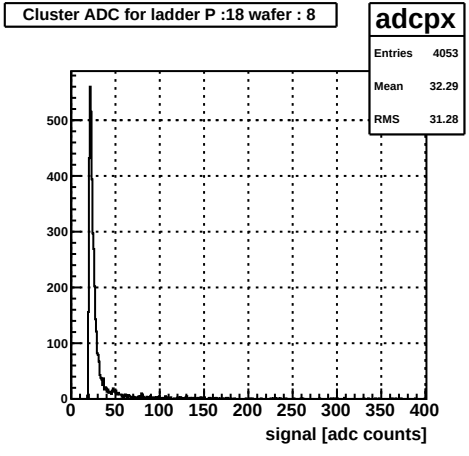

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 1900
Mean 34.9
RMS 27.39
signal [adc counts]

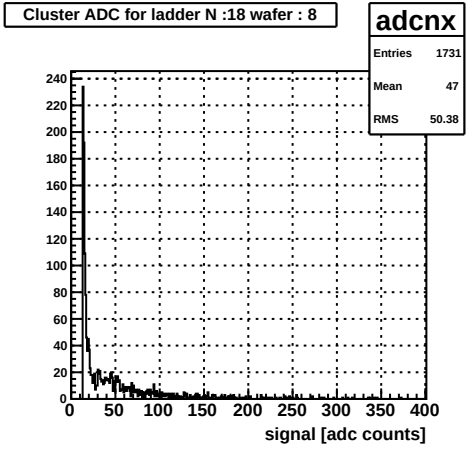

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 1559
Mean 45.55
RMS 50.58
signal [adc counts]

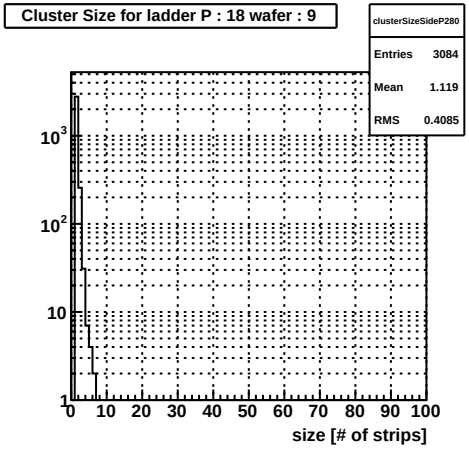

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 4053
Mean 1.071
RMS 0.3286
size [# of strips]

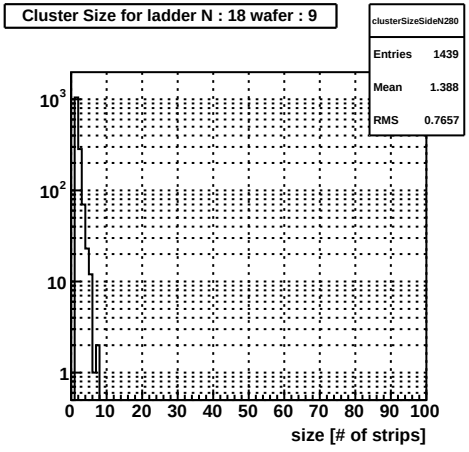

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 1731
Mean 1.351
RMS 0.7283
size [# of strips]

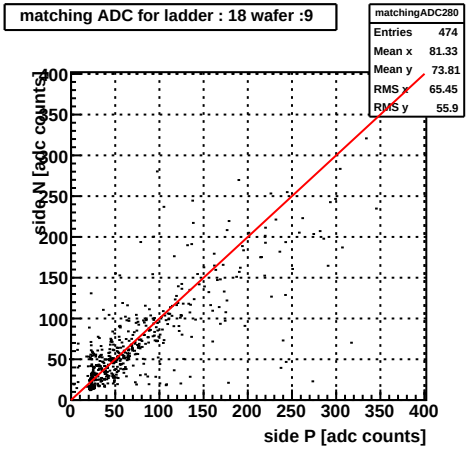

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 417
Mean x 66.55
Mean y 76.35
RMS x 56.87
RMS y 61.14
side N [adc counts]
side P [adc counts]

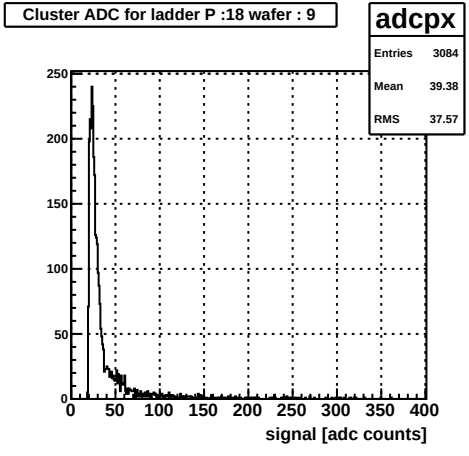

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 4053
Mean 32.29
RMS 31.28
signal [adc counts]

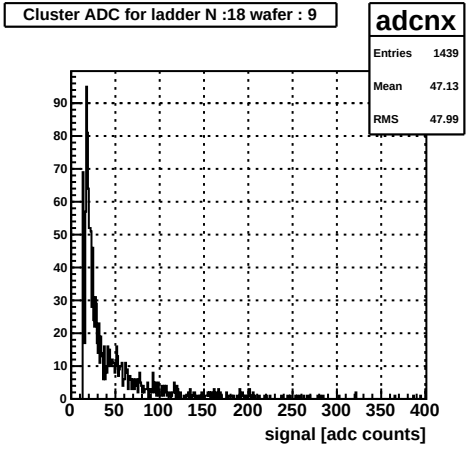

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 1731
Mean 47
RMS 50.38
signal [adc counts]

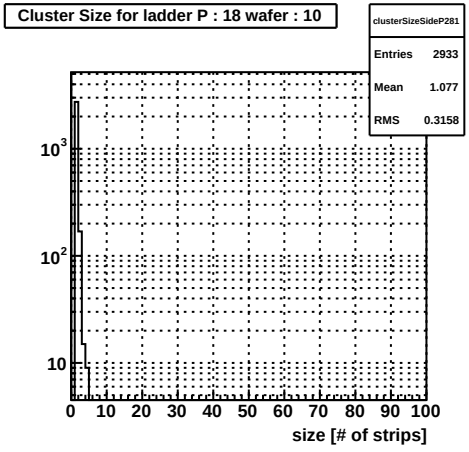

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 3084
Mean 1.119
RMS 0.4085
size [# of strips]

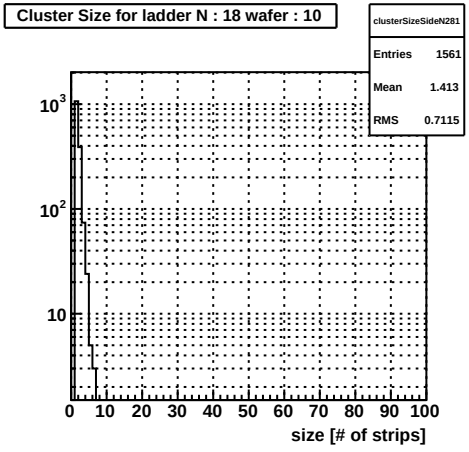

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 1439
Mean 1.388
RMS 0.7657
size [# of strips]

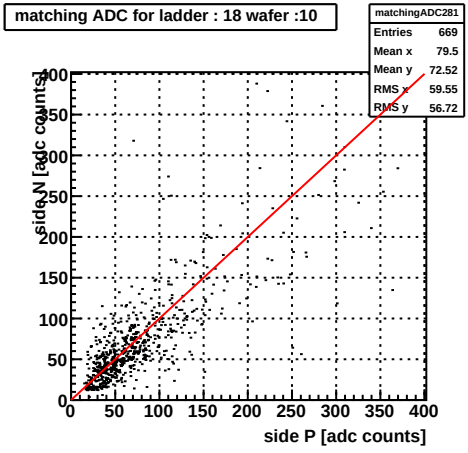

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 474
Mean x 81.33
Mean y 73.81
RMS x 65.45
RMS y 55.9
side N [adc counts]
side P [adc counts]

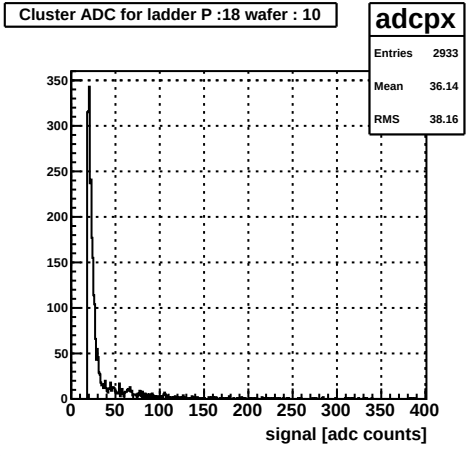

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 3084
Mean 39.38
RMS 37.57
signal [adc counts]

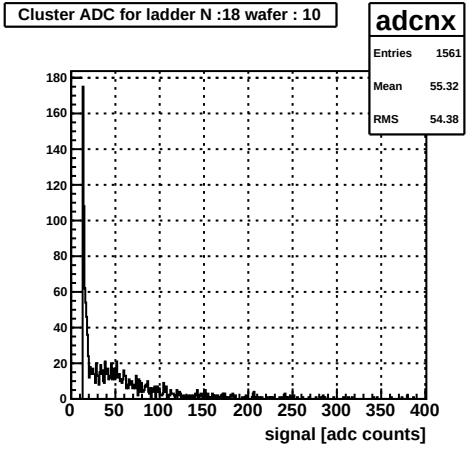

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 1439
Mean 47.13
RMS 47.99
signal [adc counts]

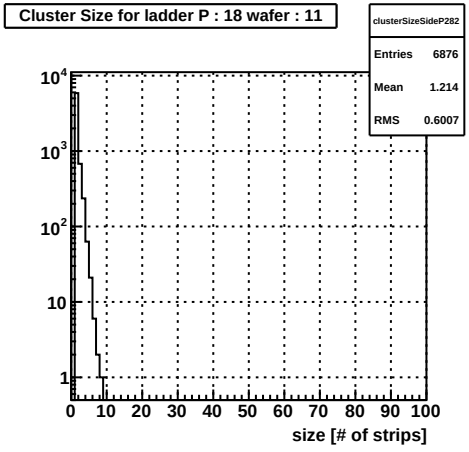

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 2933
Mean 1.077
RMS 0.3158
size [# of strips]

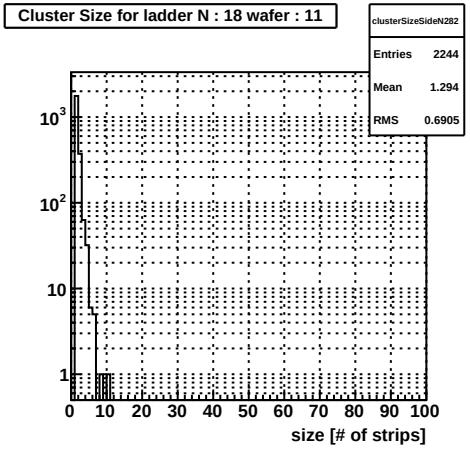

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 1561
Mean 1.413
RMS 0.7115
size [# of strips]

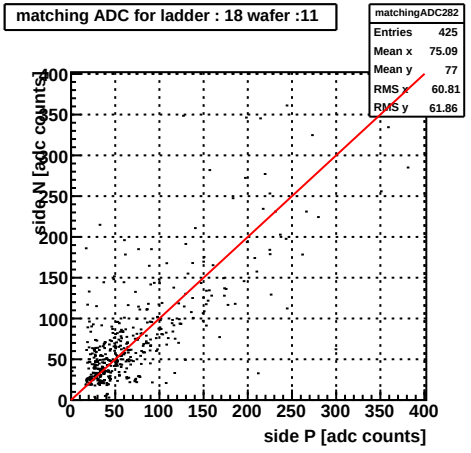

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 669
Mean x 79.5
Mean y 72.52
RMS x 59.55
RMS y 56.72
side N [adc counts]
side P [adc counts]

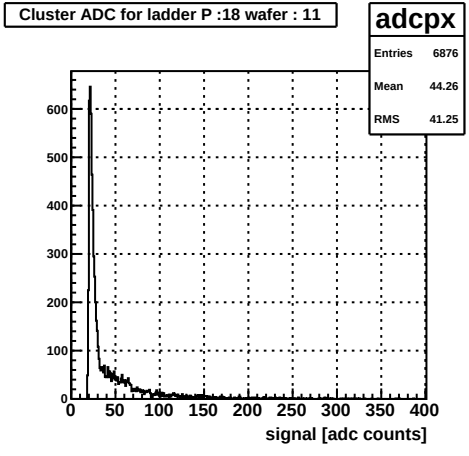

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 2933
Mean 36.14
RMS 38.16
signal [adc counts]

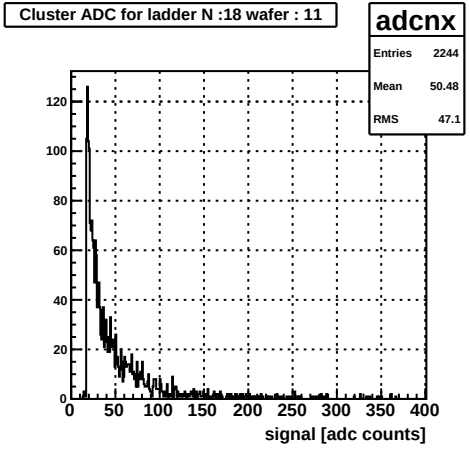

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 1561
Mean 55.32
RMS 54.38
signal [adc counts]

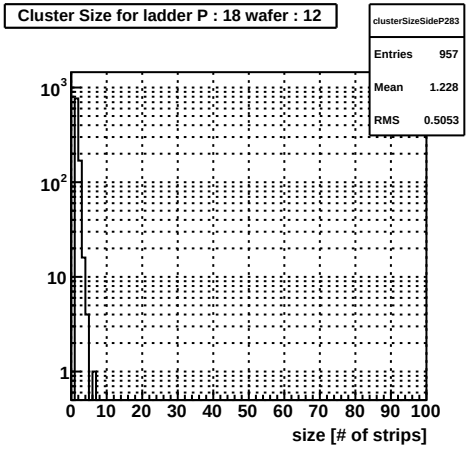

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 6876
Mean 1.214
RMS 0.6007
size [# of strips]

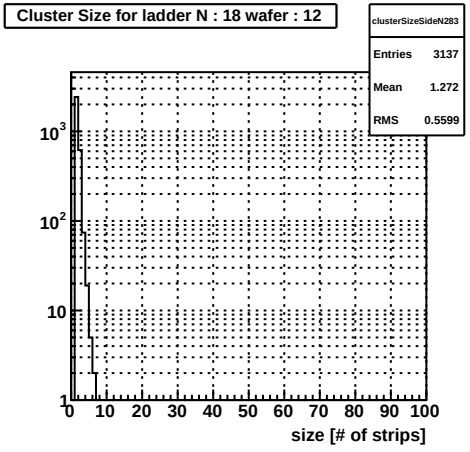

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 2244
Mean 1.294
RMS 0.6905
size [# of strips]

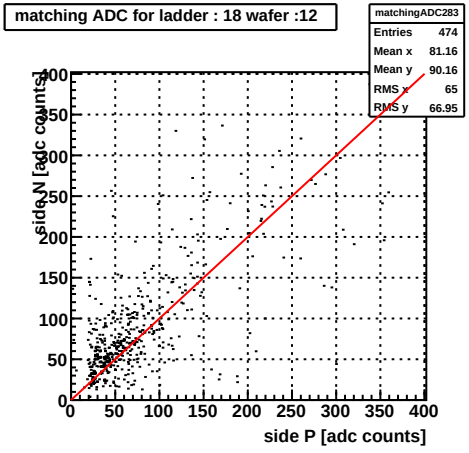

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 425
Mean x 75.09
Mean y 77
RMS x 60.81
RMS y 61.86
side N [adc counts]
side P [adc counts]

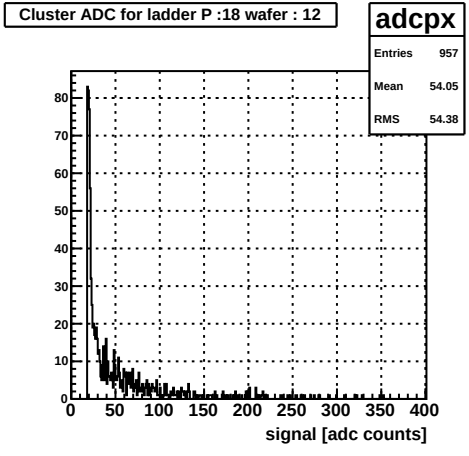

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 6876
Mean 44.26
RMS 41.25
signal [adc counts]

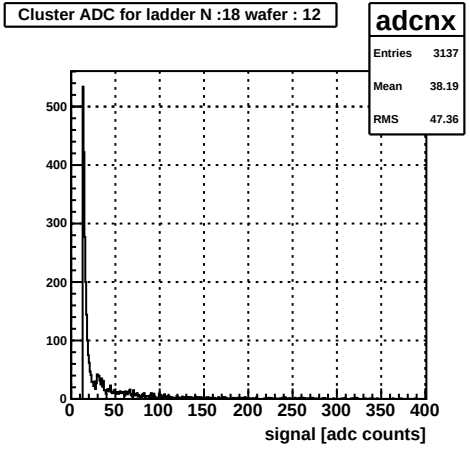

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 2244
Mean 50.48
RMS 47.1
signal [adc counts]

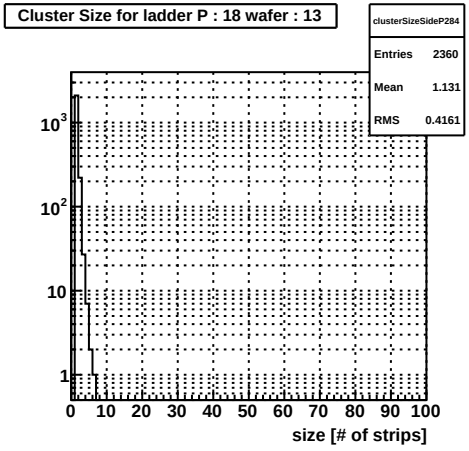

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 957
Mean 1.228
RMS 0.5053
size [# of strips]

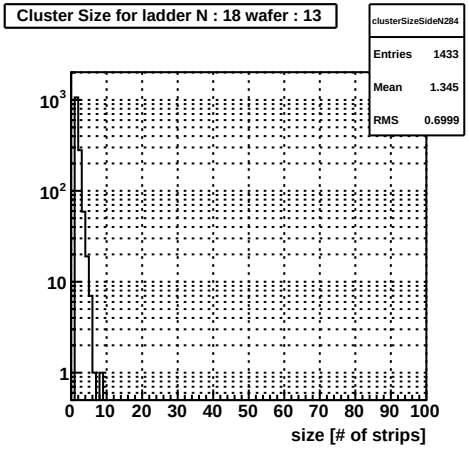

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 3137
Mean 1.272
RMS 0.5599
size [# of strips]

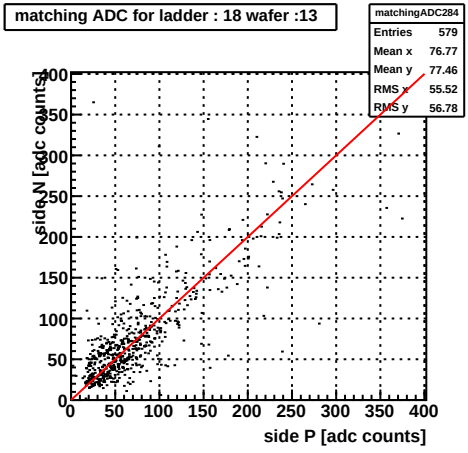

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 474
Mean x 81.16
Mean y 90.16
RMS x 65
RMS y 66.95
side N [adc counts]
side P [adc counts]

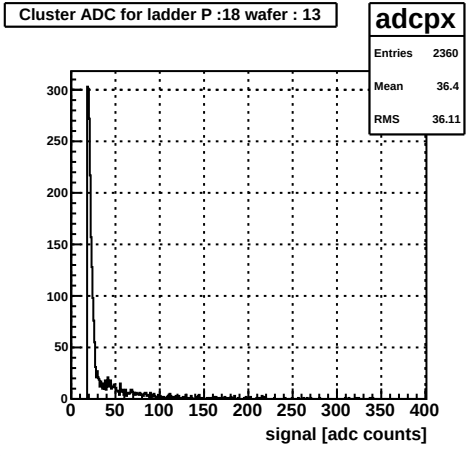

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 957
Mean 54.05
RMS 54.38
signal [adc counts]

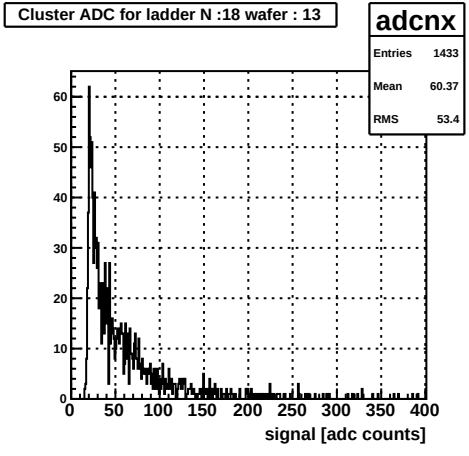

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 3137
Mean 38.19
RMS 47.36
signal [adc counts]

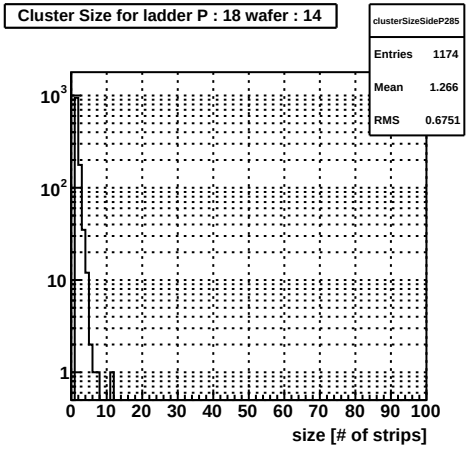

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 2360
Mean 1.131
RMS 0.4161
size [# of strips]

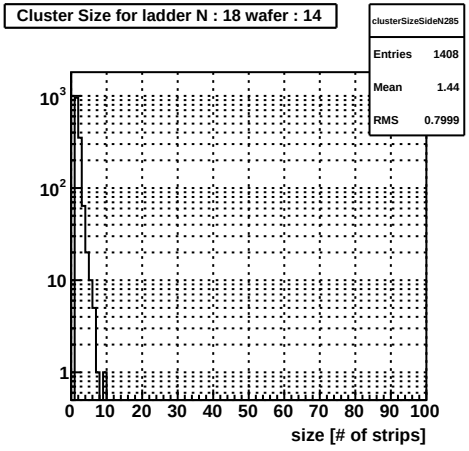

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 1433
Mean 1.345
RMS 0.6999
size [# of strips]

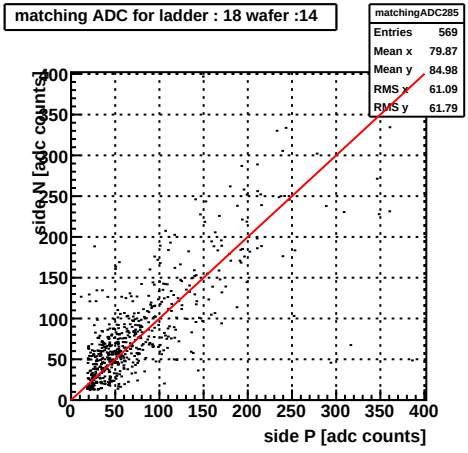

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 579
Mean x 76.77
Mean y 77.46
RMS x 55.52
RMS y 56.78
side N [adc counts]
side P [adc counts]

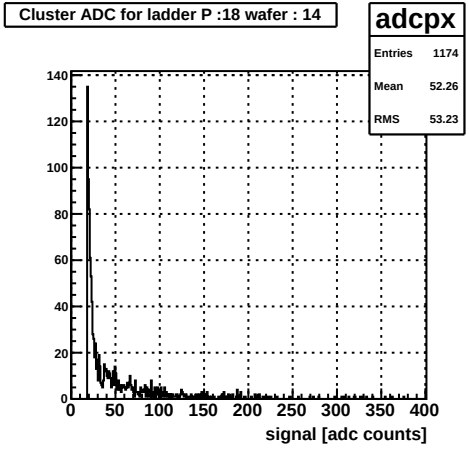

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 2360
Mean 36.4
RMS 36.11
signal [adc counts]

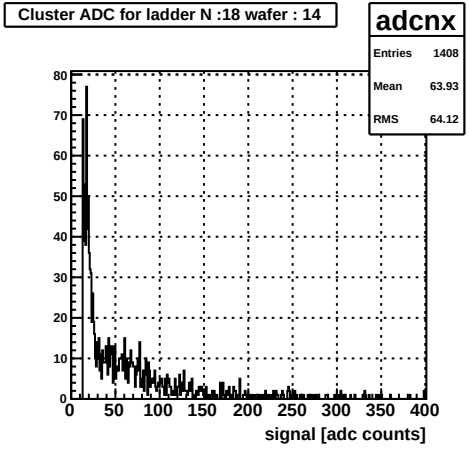

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 1433
Mean 60.37
RMS 53.4
signal [adc counts]

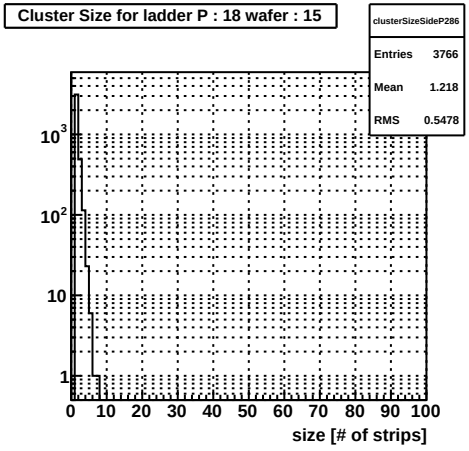

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 1174
Mean 1.266
RMS 0.6751
size [# of strips]

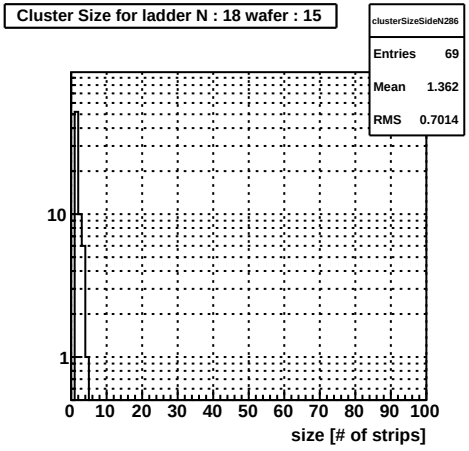

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 1408
Mean 1.44
RMS 0.7999
size [# of strips]

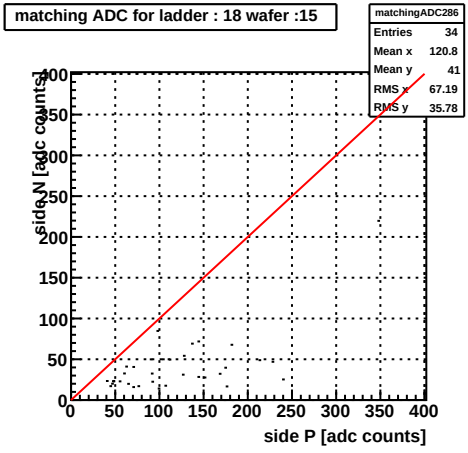

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 569
Mean x 79.87
Mean y 84.98
RMS x 61.09
RMS y 61.79
side N [adc counts]
side P [adc counts]

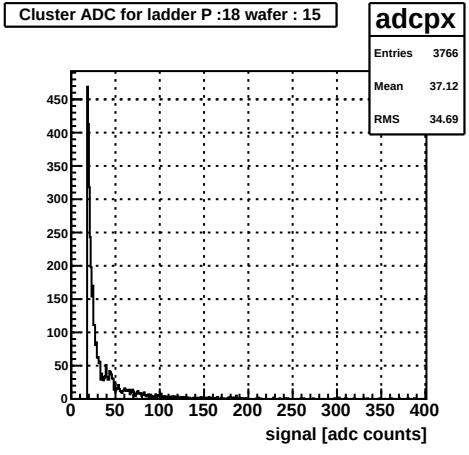

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 1174
Mean 52.26
RMS 53.23
signal [adc counts]

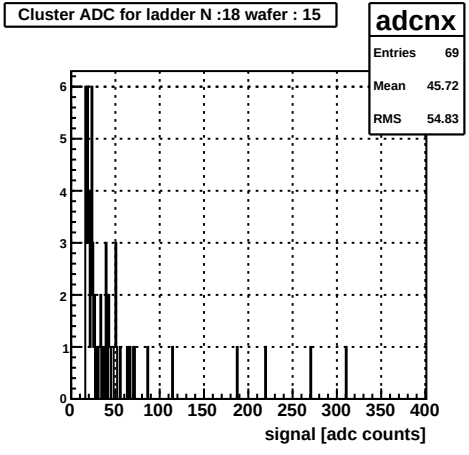

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 1408
Mean 63.93
RMS 64.12
signal [adc counts]

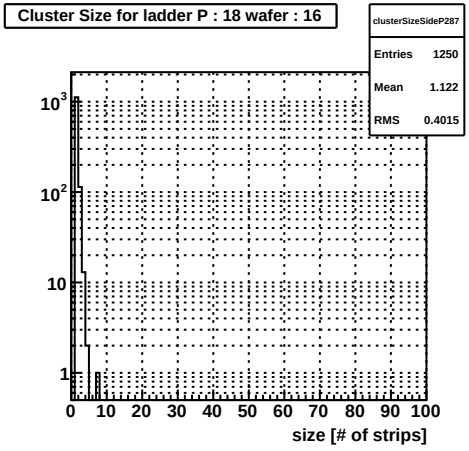

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 3766
Mean 1.218
RMS 0.5478
size [# of strips]

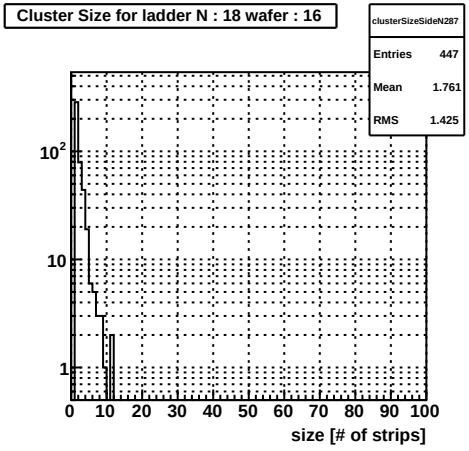

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 69
Mean 1.362
RMS 0.7014
size [# of strips]

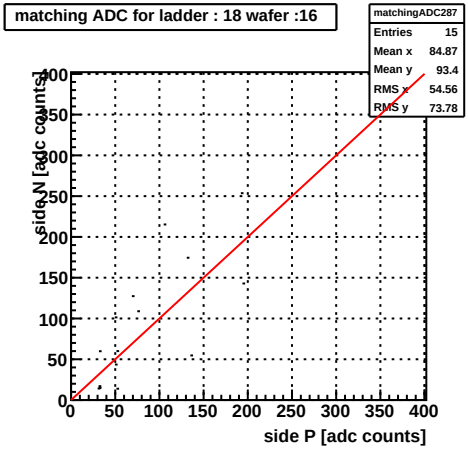

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 34
Mean x 120.8
Mean y 41
RMS x 67.19
RMS y 35.78
side N [adc counts]
side P [adc counts]

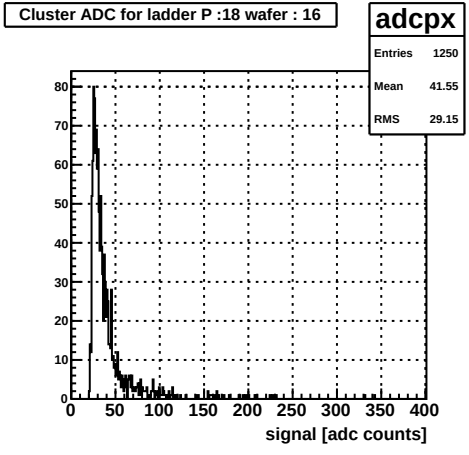

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 3766
Mean 37.12
RMS 34.69
signal [adc counts]

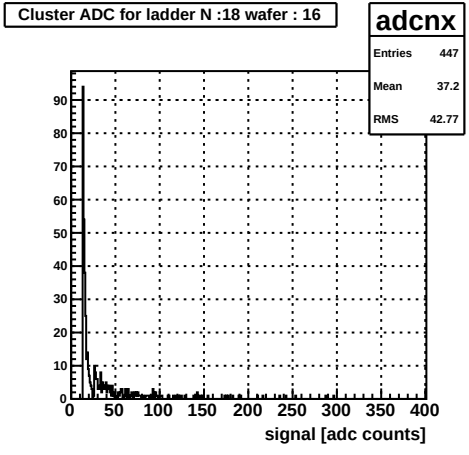

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 69
Mean 45.72
RMS 54.83
signal [adc counts]

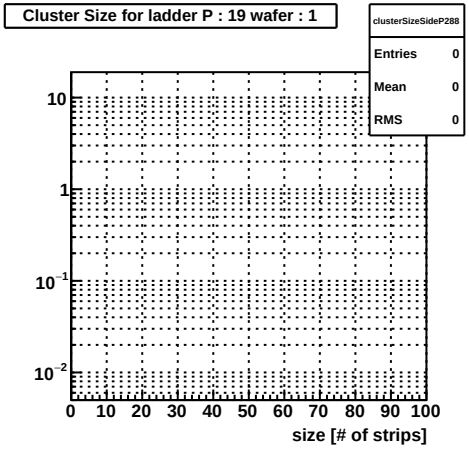

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 1250
Mean 1.122
RMS 0.4015
size [# of strips]

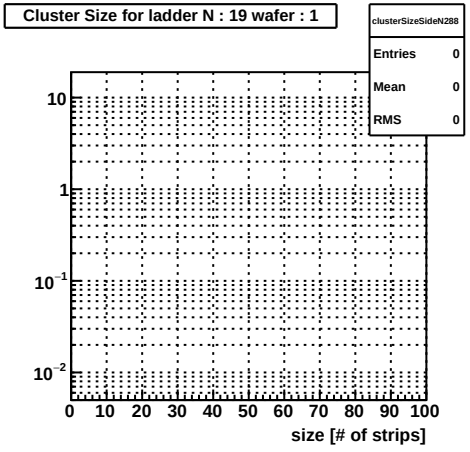

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 447
Mean 1.761
RMS 1.425
size [# of strips]

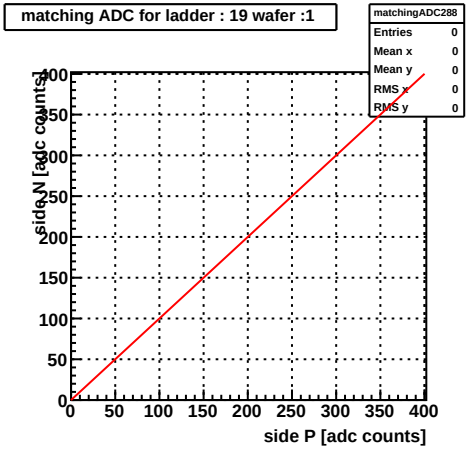

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 15
Mean x 84.87
Mean y 93.4
RMS x 54.56
RMS y 73.78
side N [adc counts]
side P [adc counts]

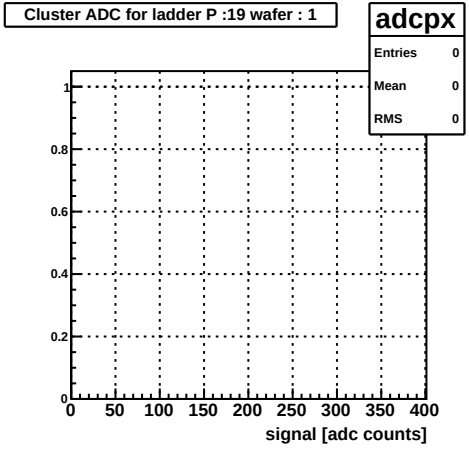

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 1250
Mean 41.55
RMS 29.15
signal [adc counts]

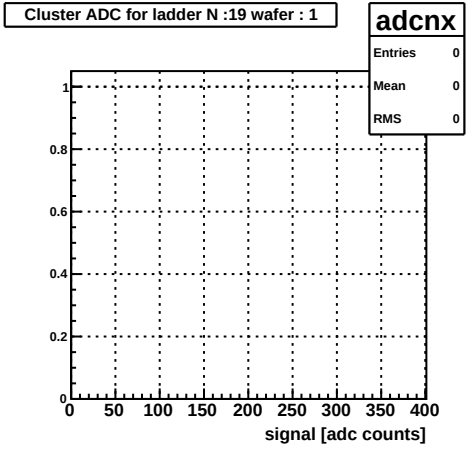

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 447
Mean 37.2
RMS 42.77
signal [adc counts]

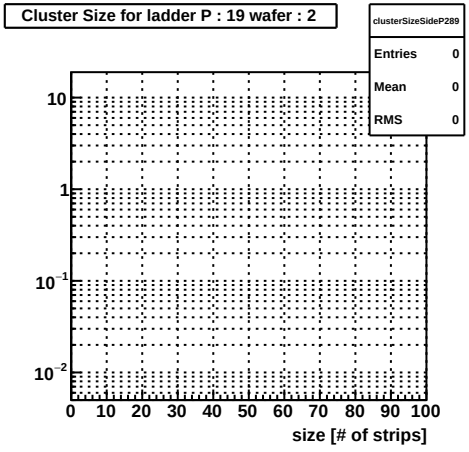

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

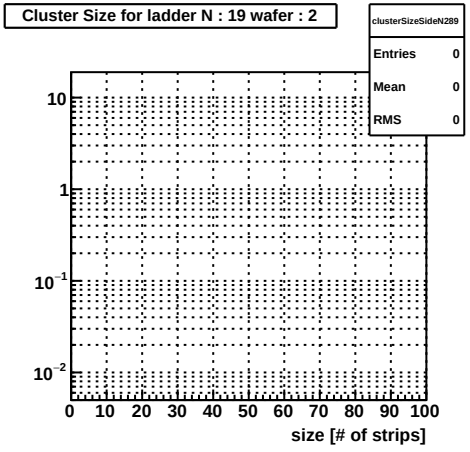

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

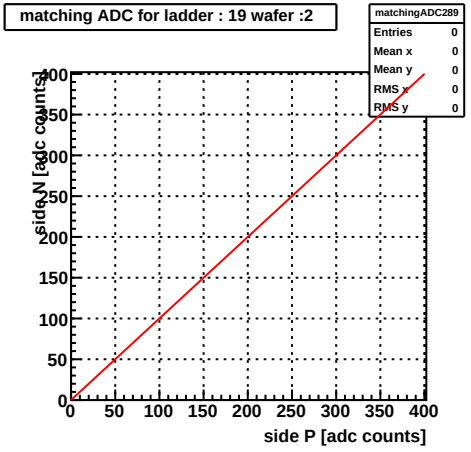

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

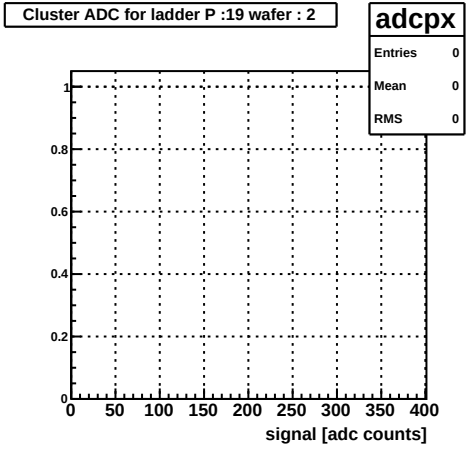

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

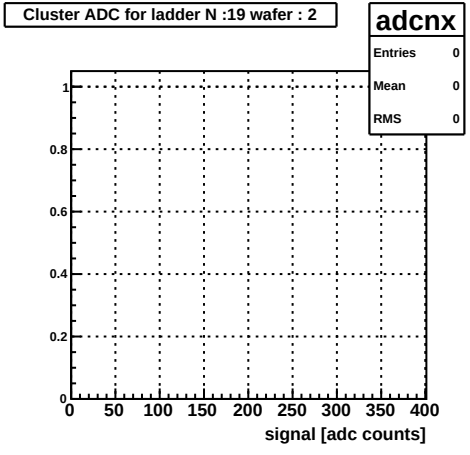

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

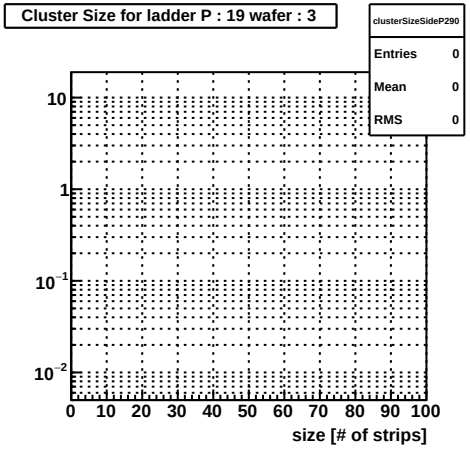

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

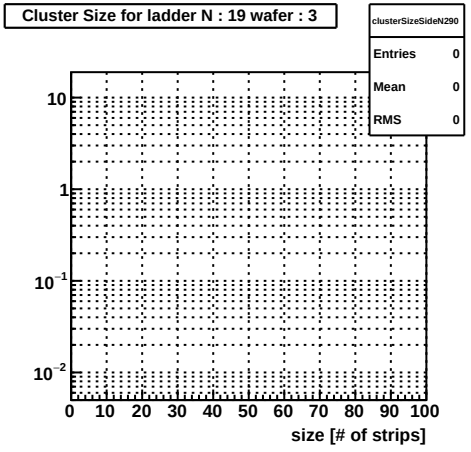

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

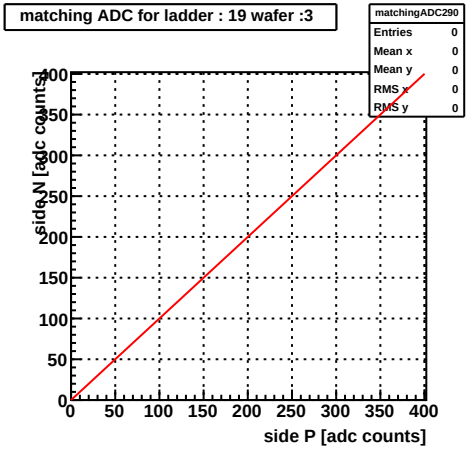

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

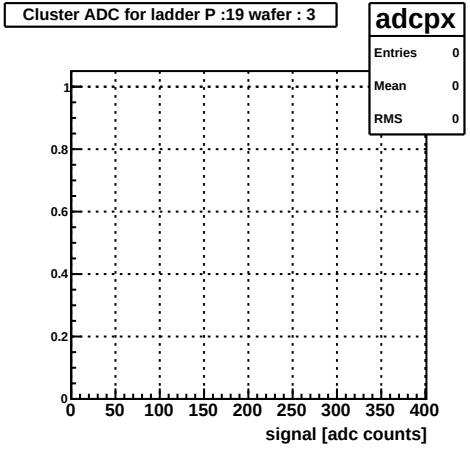

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

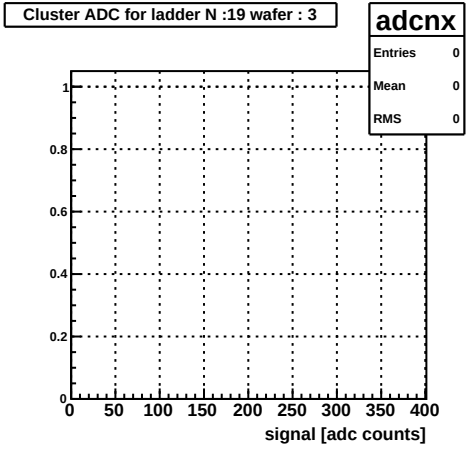

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

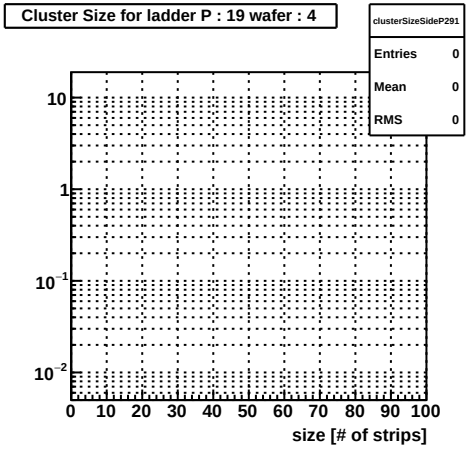

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

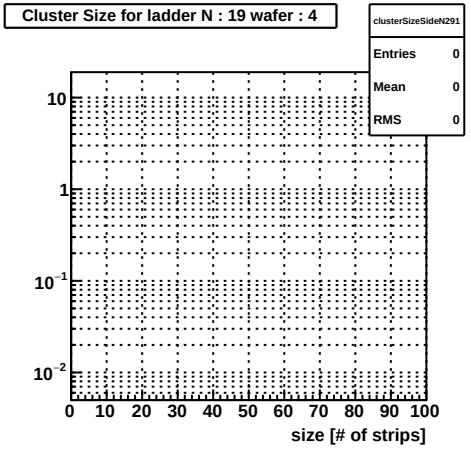

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

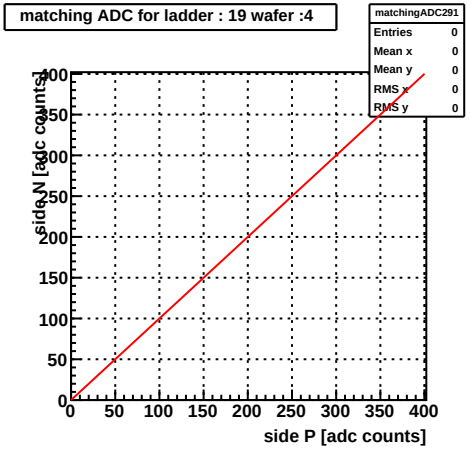

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

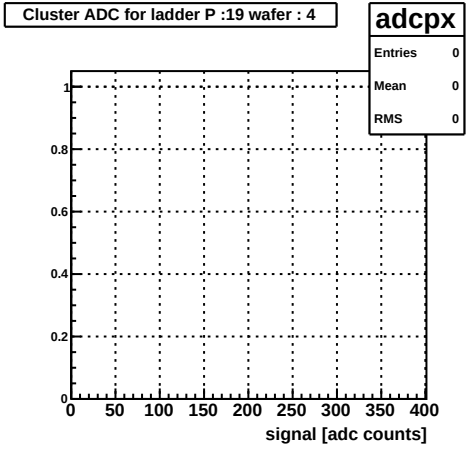

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

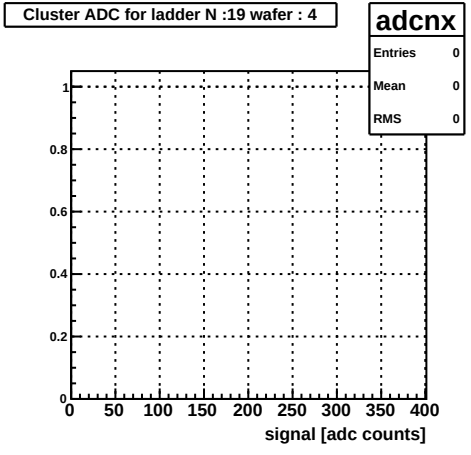

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

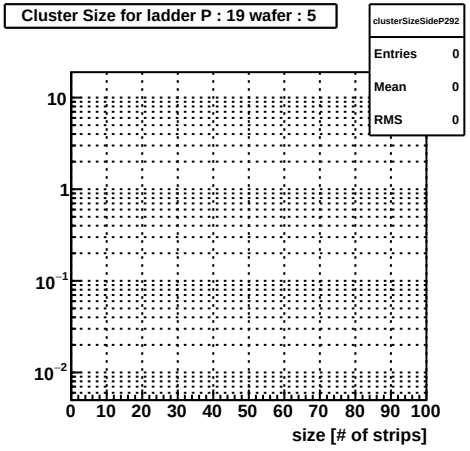

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

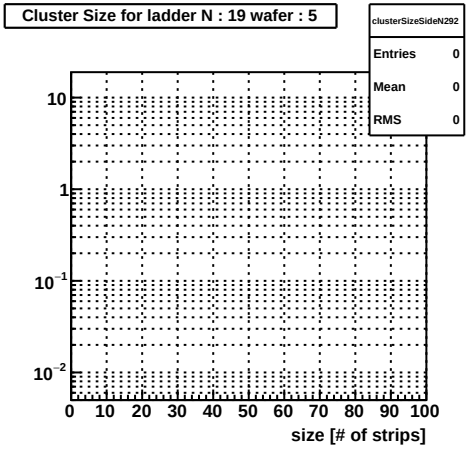

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

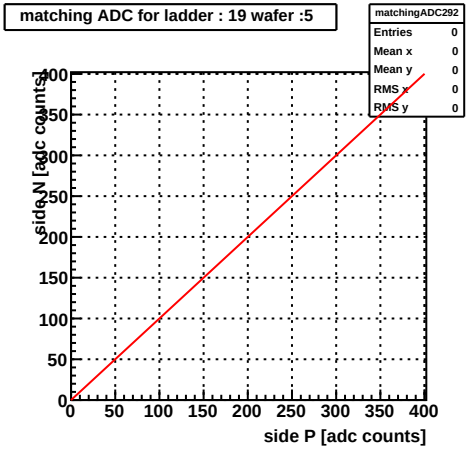

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

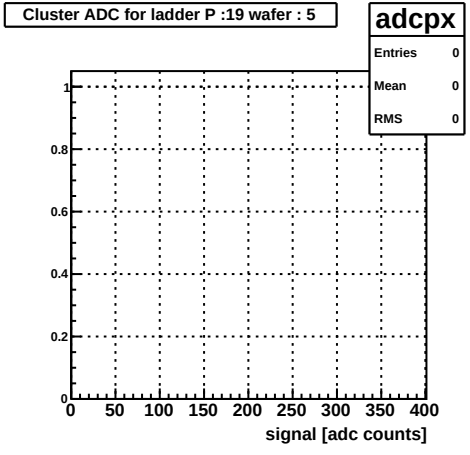

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

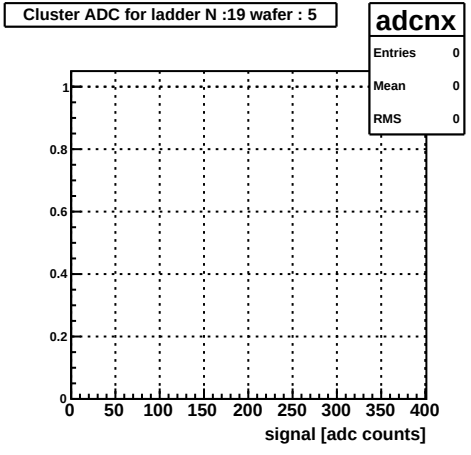

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

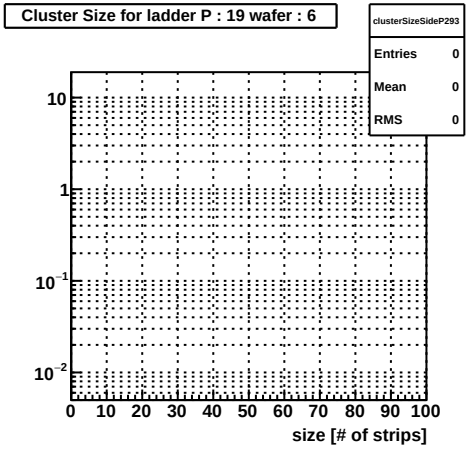

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

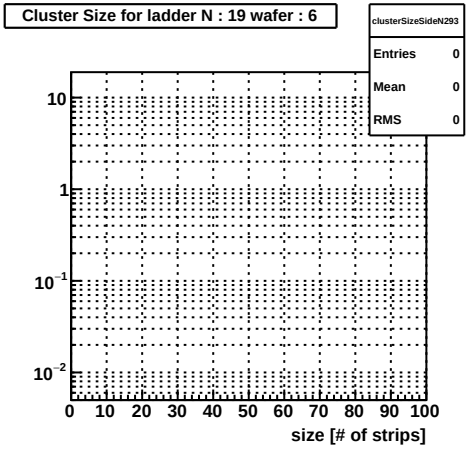

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

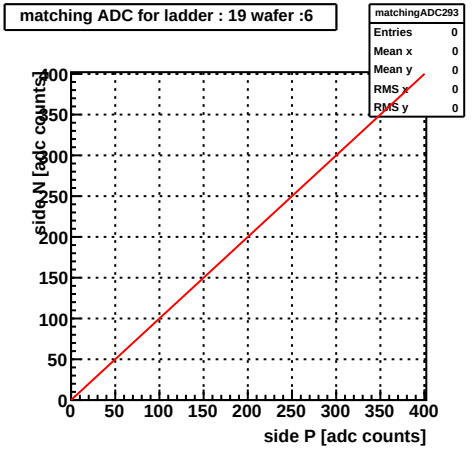

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

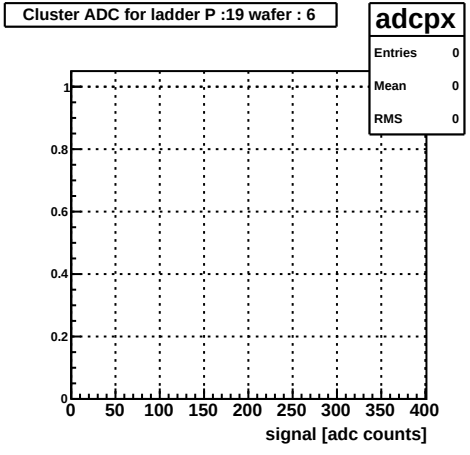

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

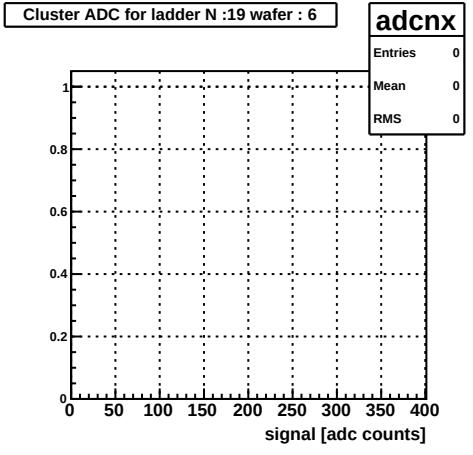

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

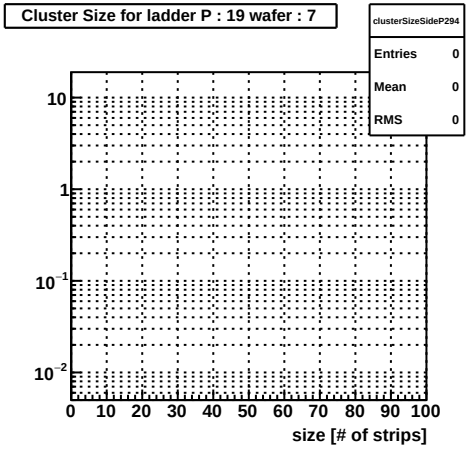

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

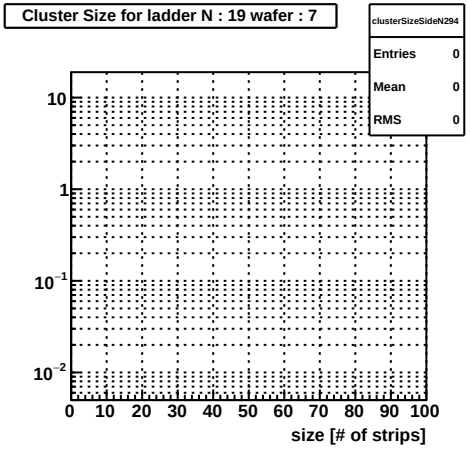

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

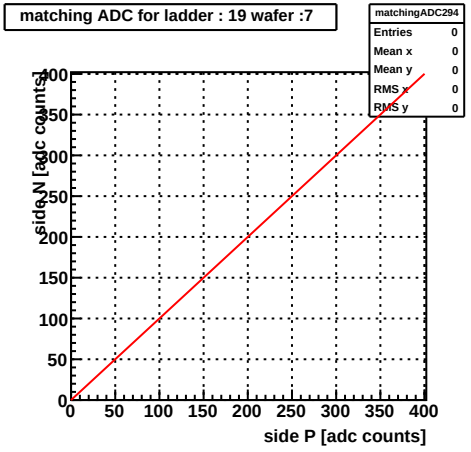

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

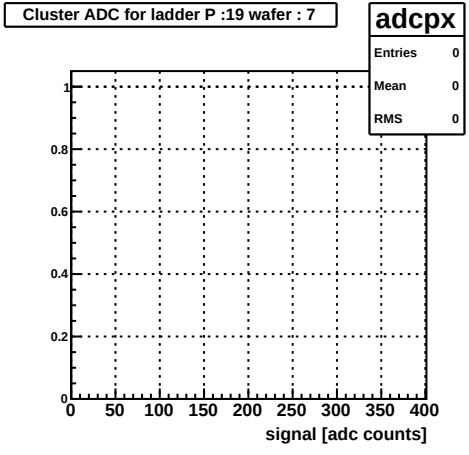

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

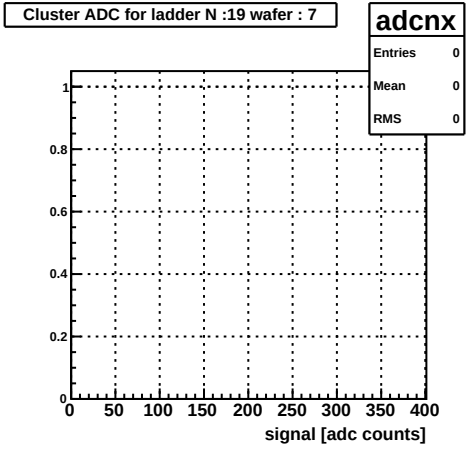

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

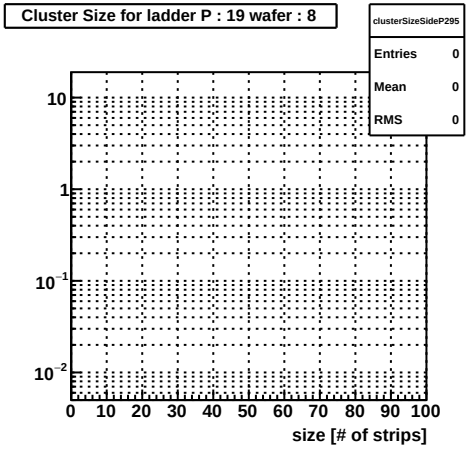

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

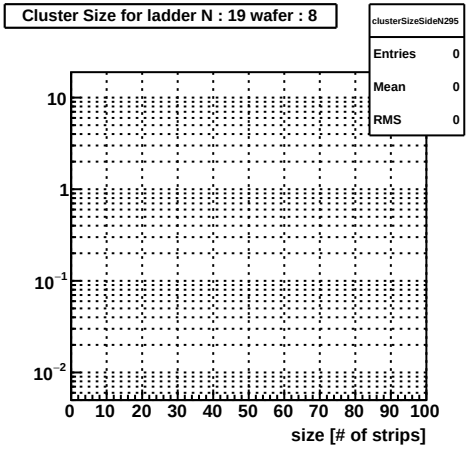

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

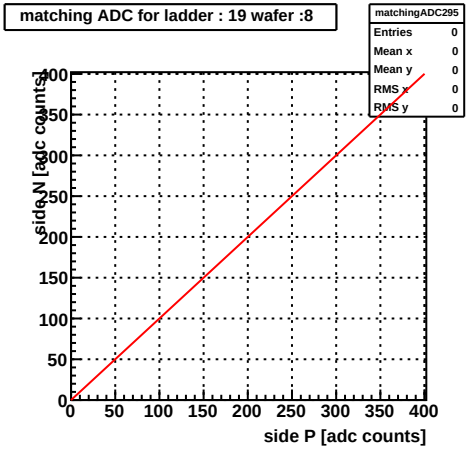

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

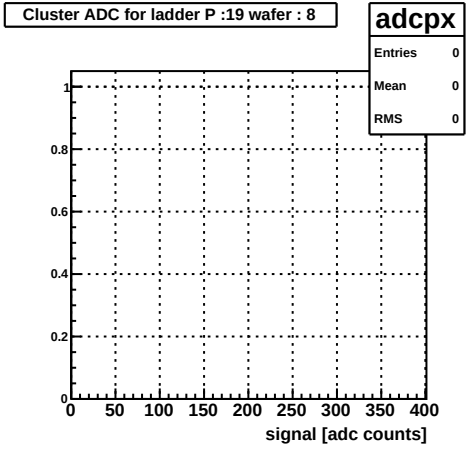

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

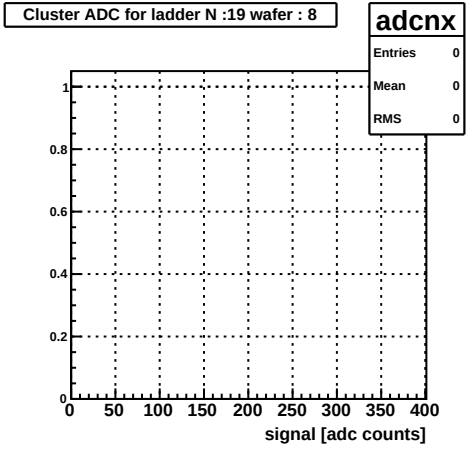

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

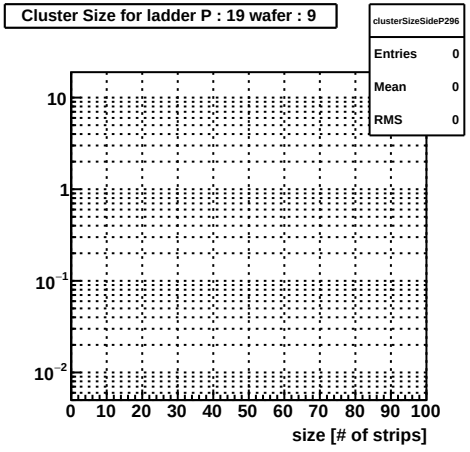

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

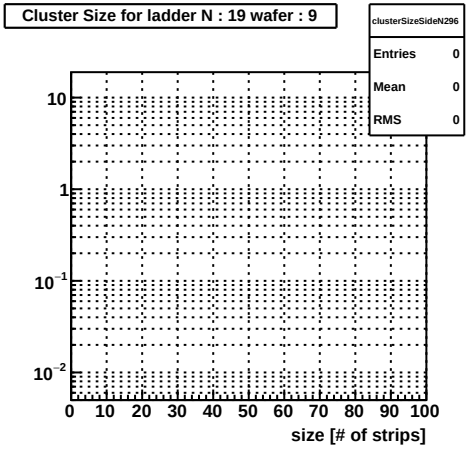

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

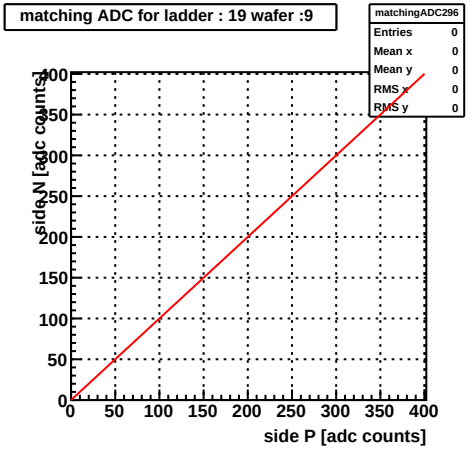

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

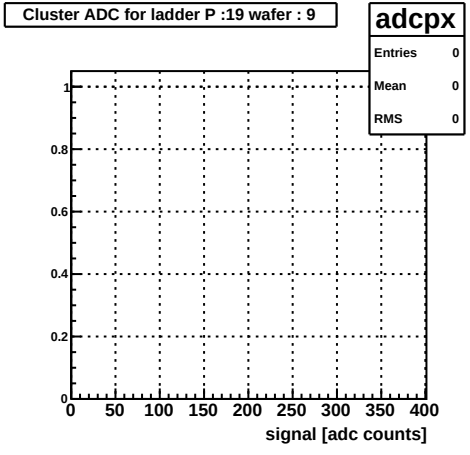

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

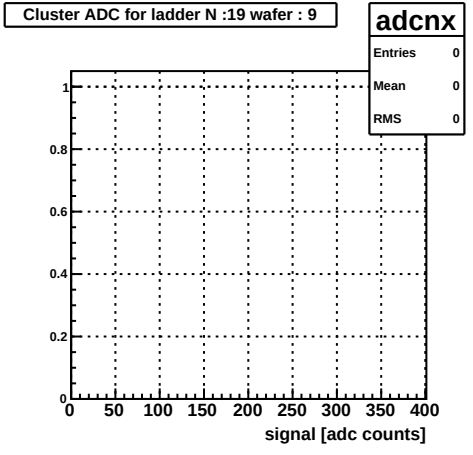

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

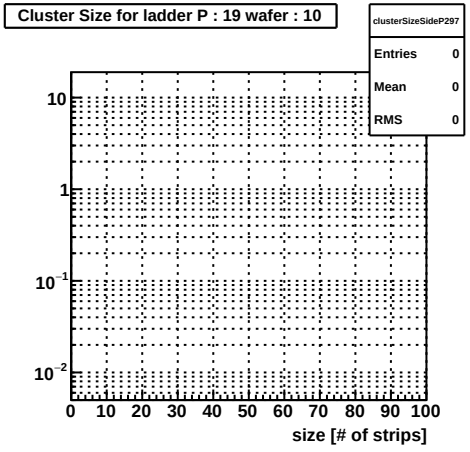

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

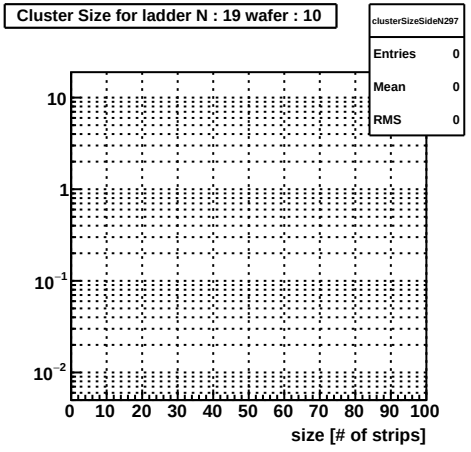

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

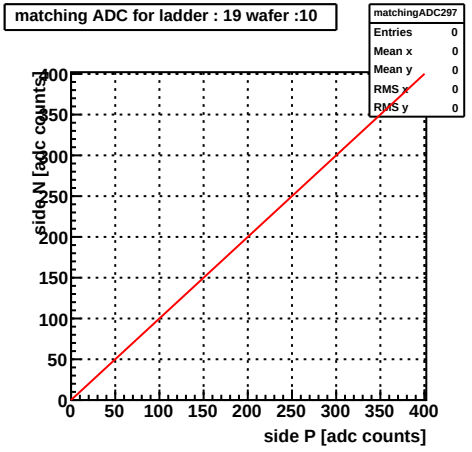

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

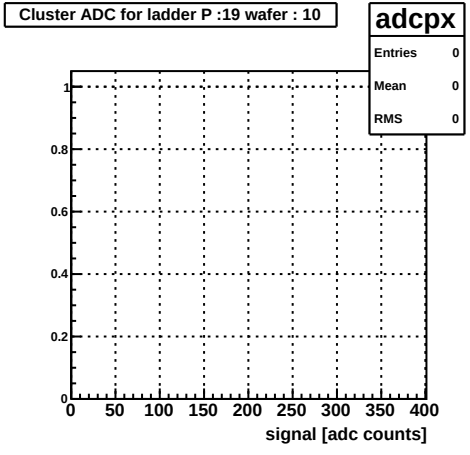

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

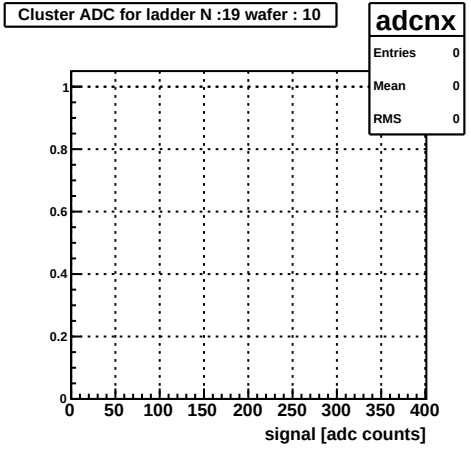

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

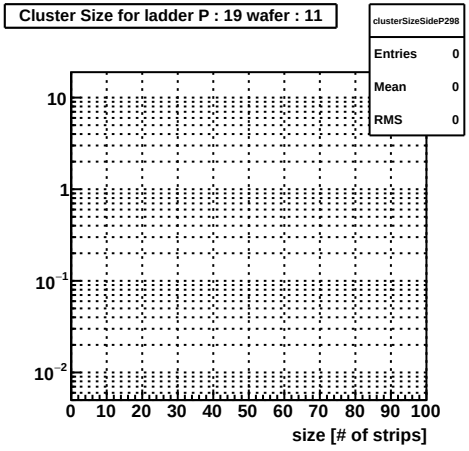

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

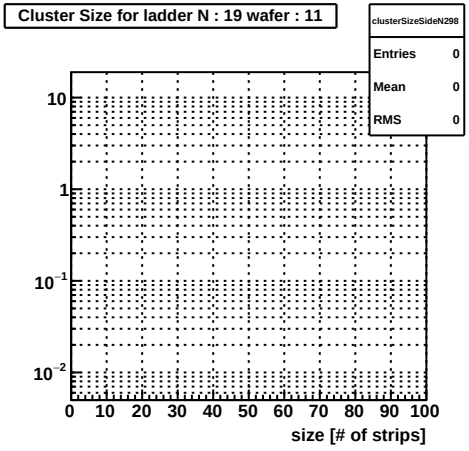

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

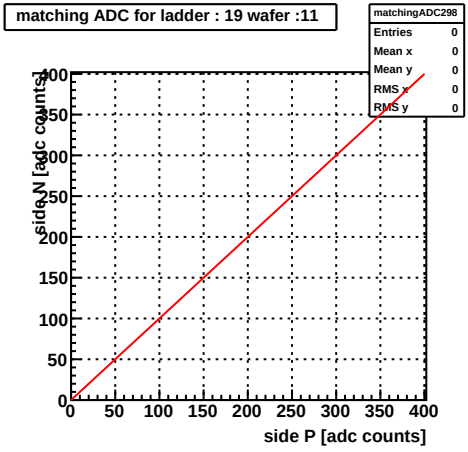

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

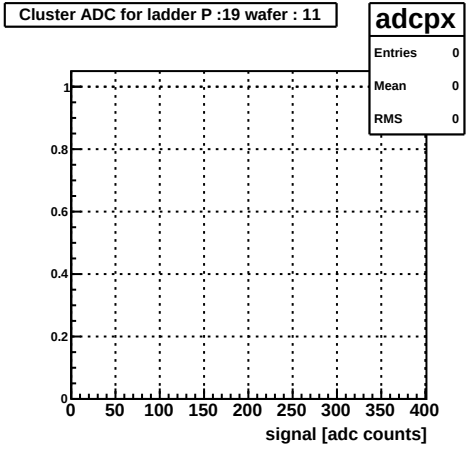

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

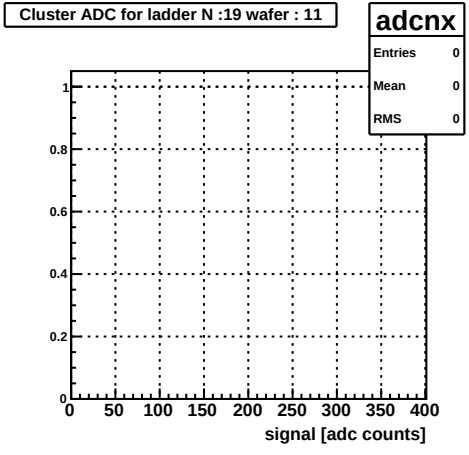

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

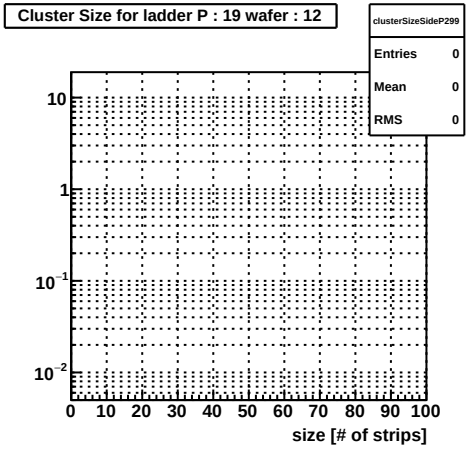

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

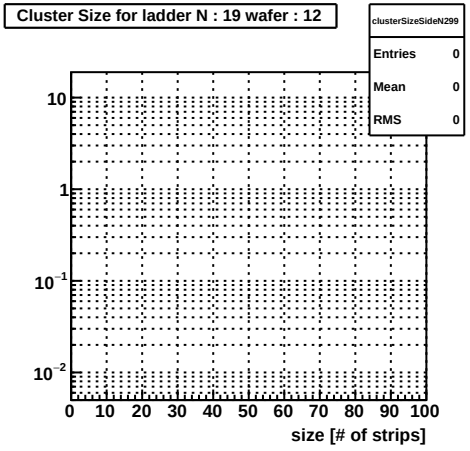

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

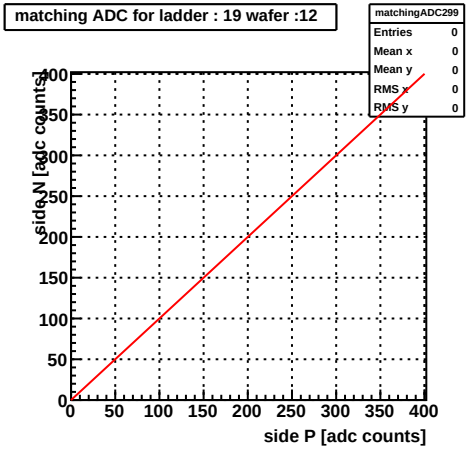

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

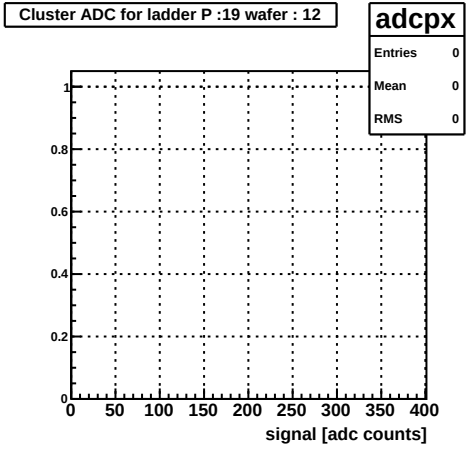

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

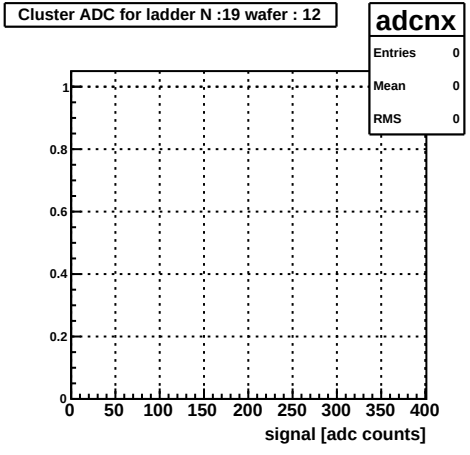

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

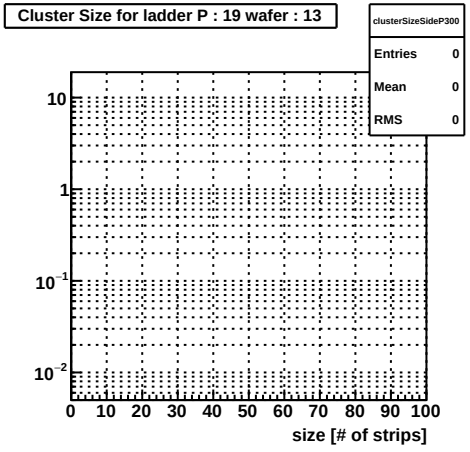

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

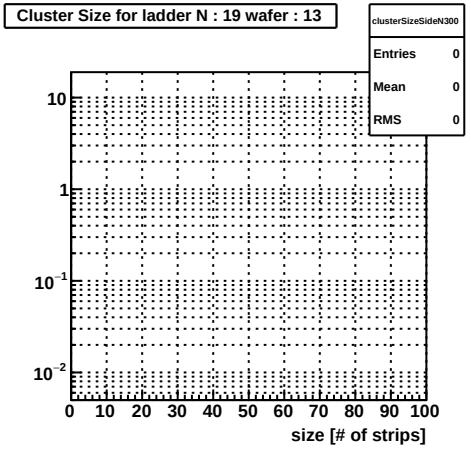

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

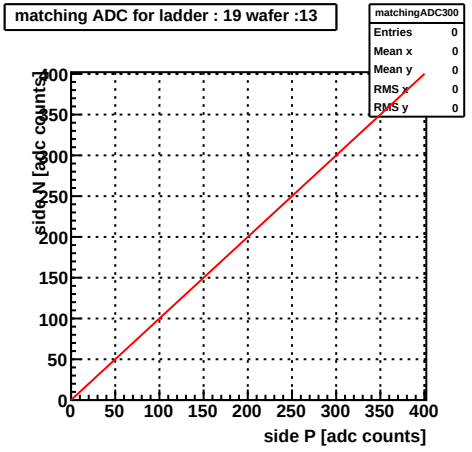

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

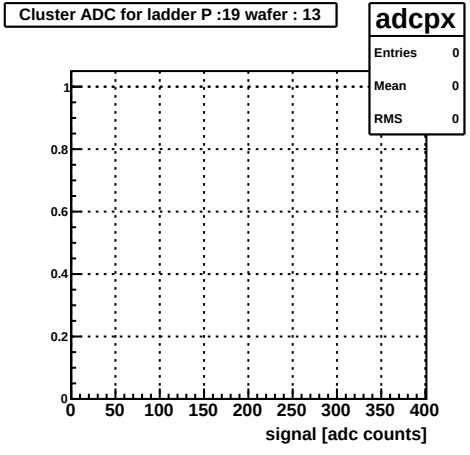

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

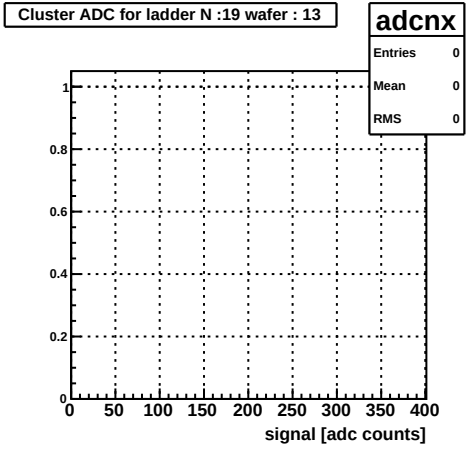

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

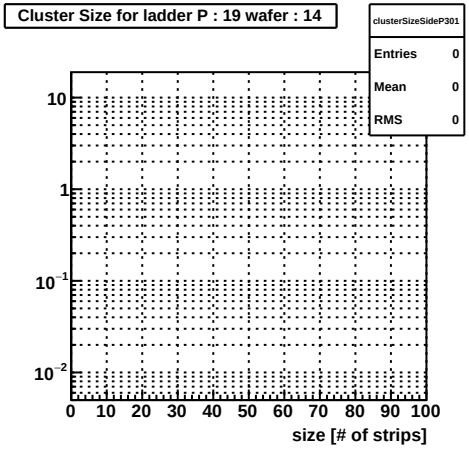

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

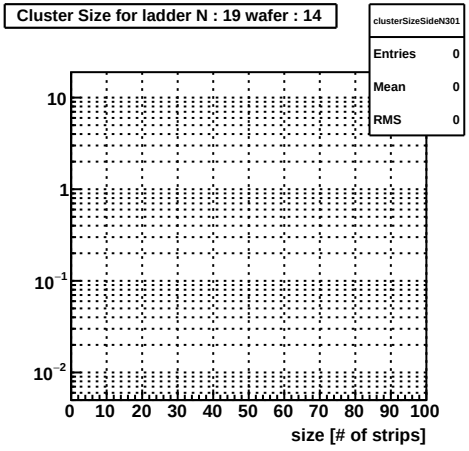

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

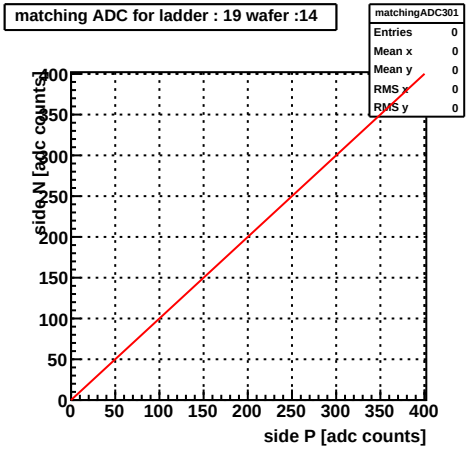

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

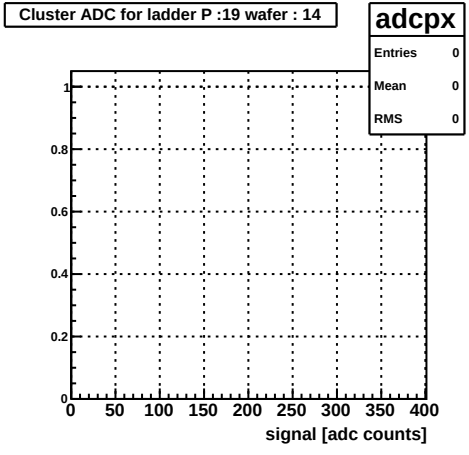

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

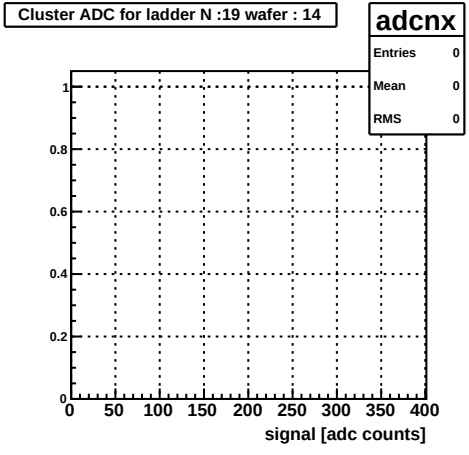

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

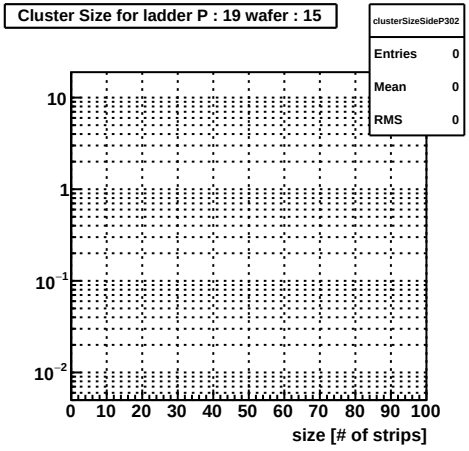

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

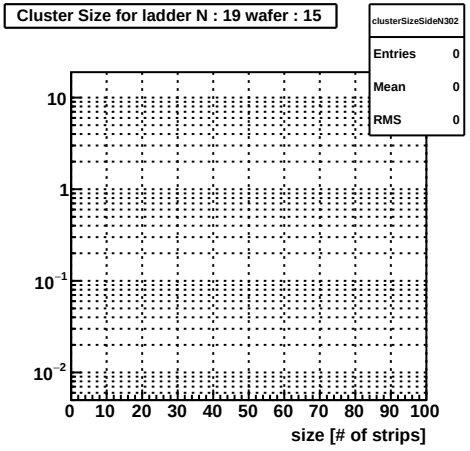

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

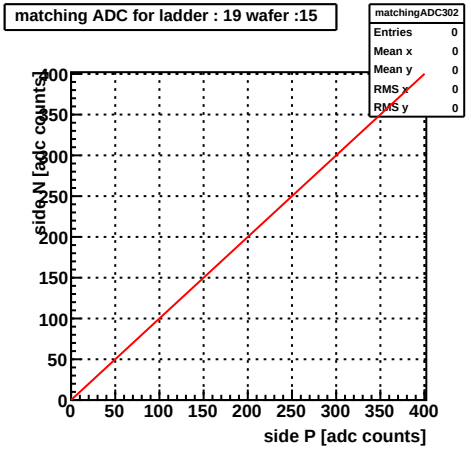

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

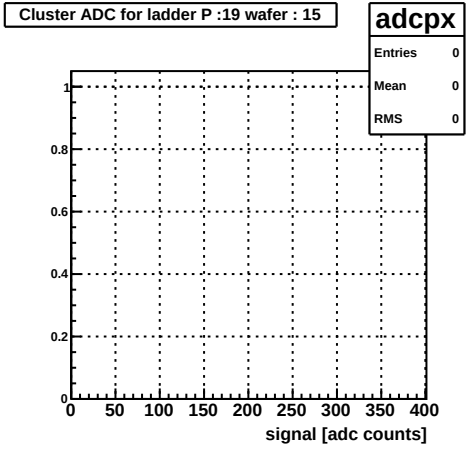

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

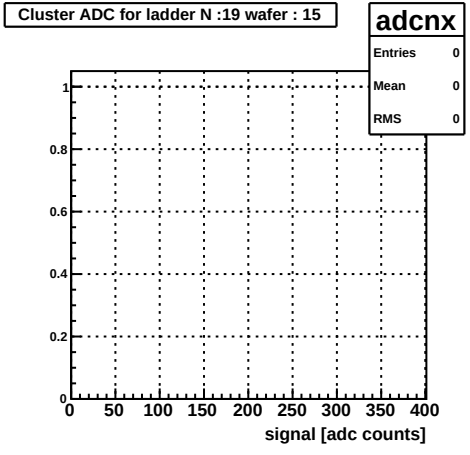

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

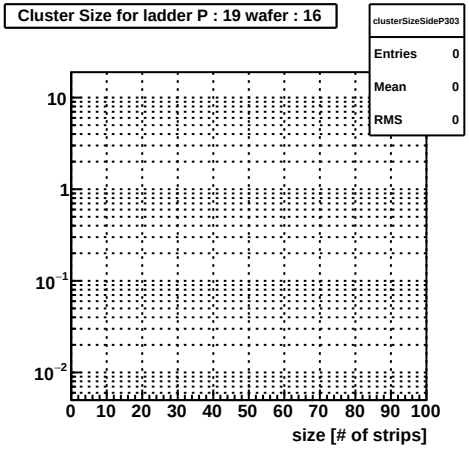

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

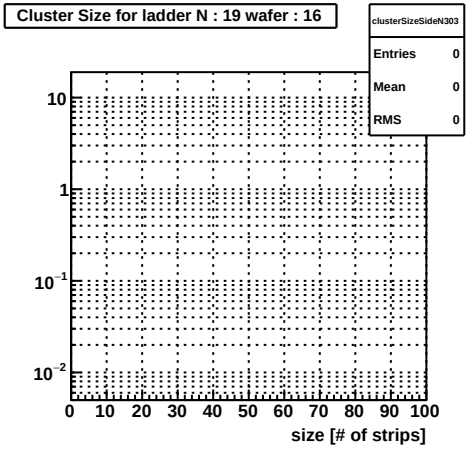

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

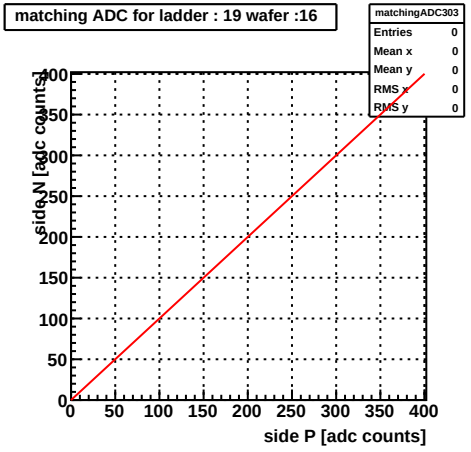

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

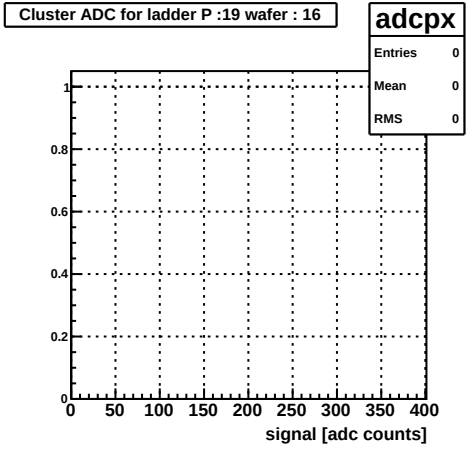

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

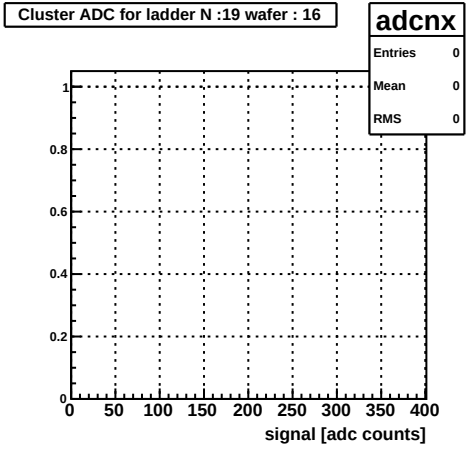

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

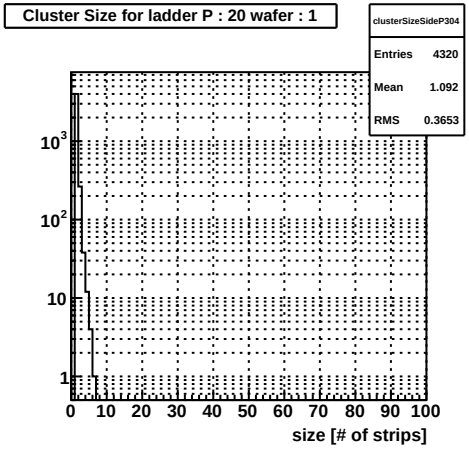

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

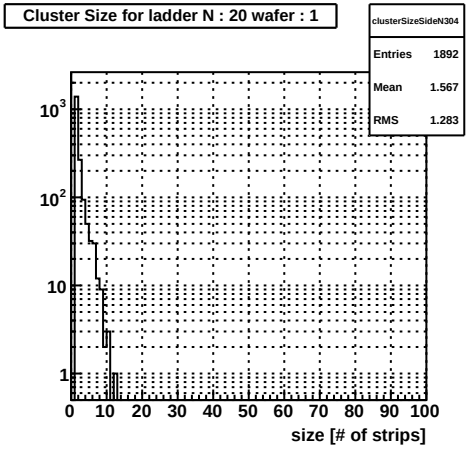

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

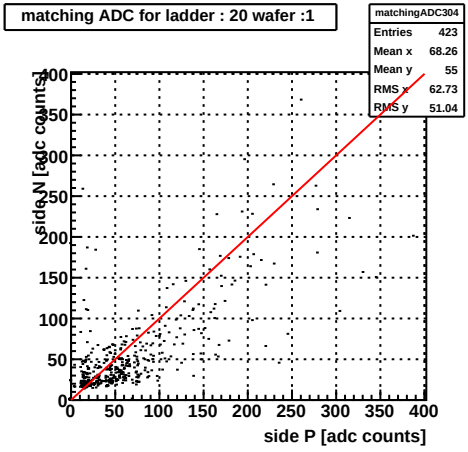

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

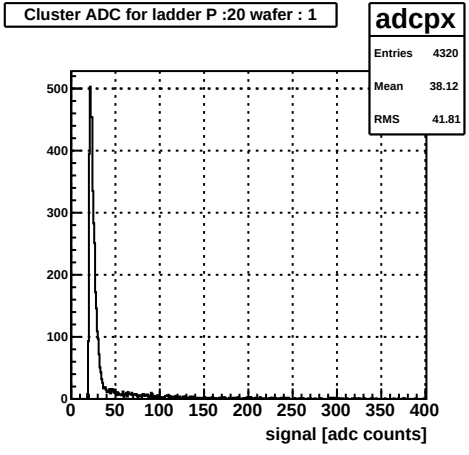

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

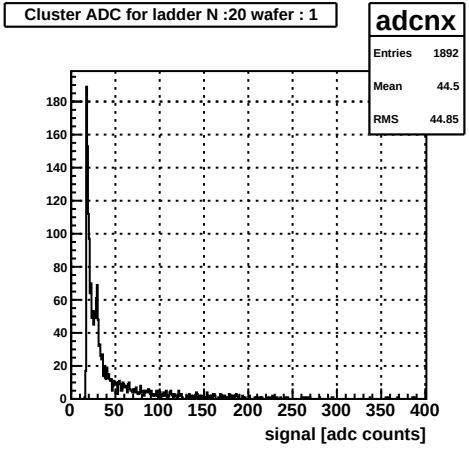

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

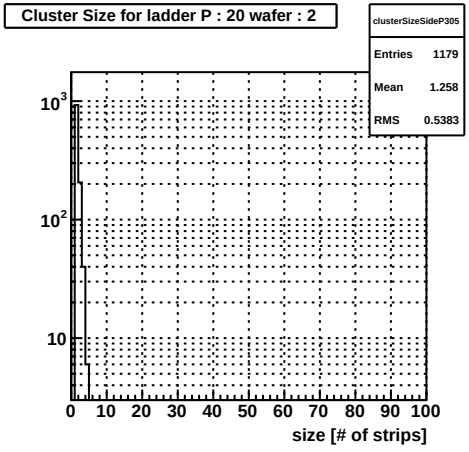

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 4320
Mean 1.092
RMS 0.3653
size [# of strips]

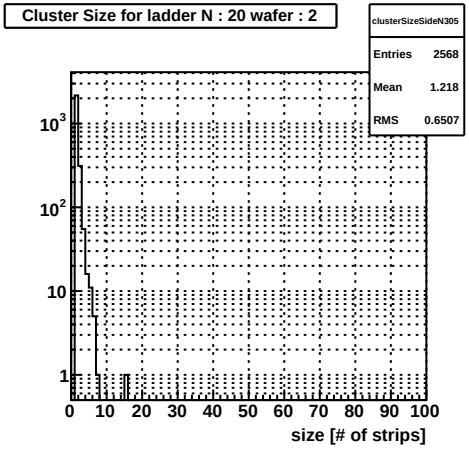

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 1892
Mean 1.567
RMS 1.283
size [# of strips]

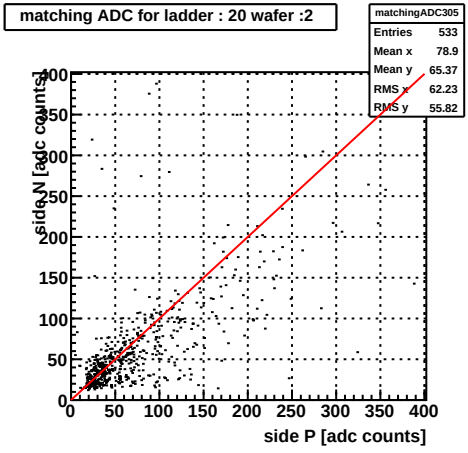

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 423
Mean x 68.26
Mean y 55
RMS x 62.73
RMS y 51.04
side N [adc counts]
side P [adc counts]

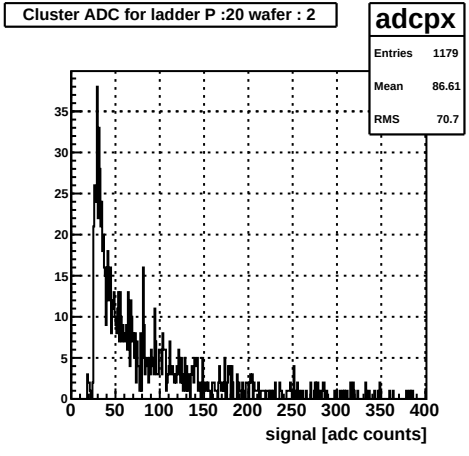

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 4320
Mean 38.12
RMS 41.81
signal [adc counts]

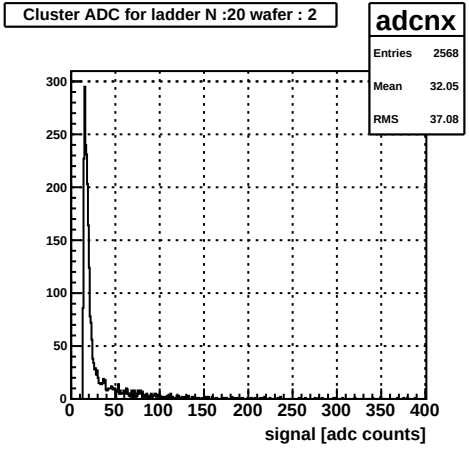

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 1892
Mean 44.5
RMS 44.85
signal [adc counts]

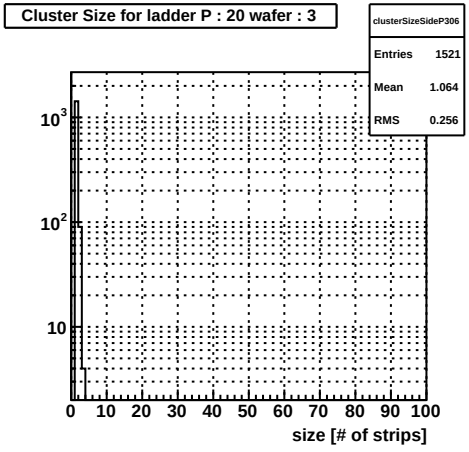

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 1179
Mean 1.258
RMS 0.5383
size [# of strips]

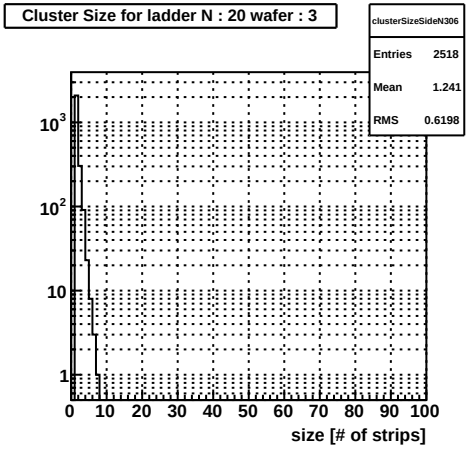

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 2568
Mean 1.218
RMS 0.6507
size [# of strips]

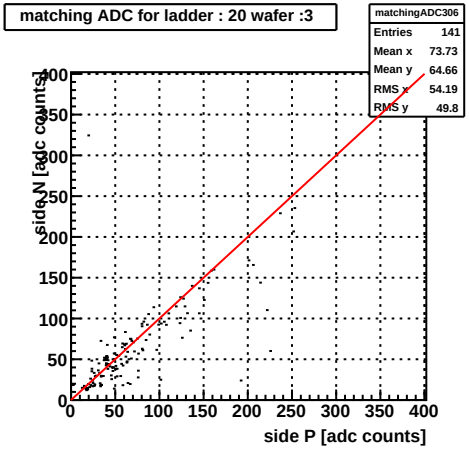

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 533
Mean x 78.9
Mean y 65.37
RMS x 62.23
RMS y 55.82
side N [adc counts]
side P [adc counts]

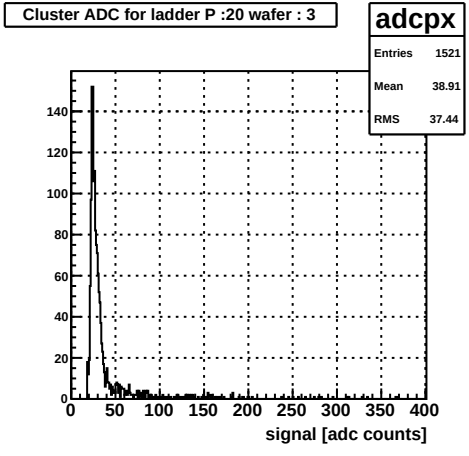

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 1179
Mean 86.61
RMS 70.7
signal [adc counts]

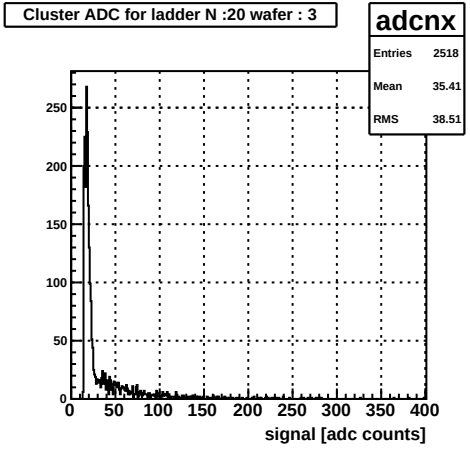

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 2568
Mean 32.05
RMS 37.08
signal [adc counts]

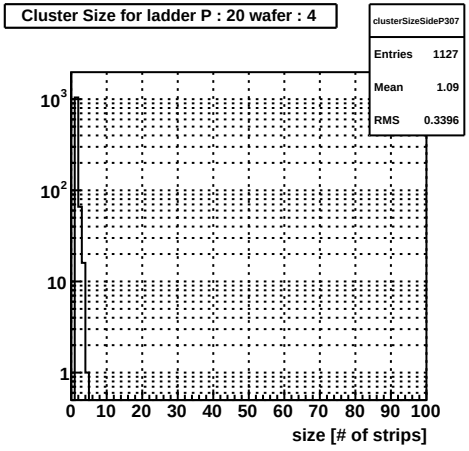

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 1521
Mean 1.064
RMS 0.256
size [# of strips]

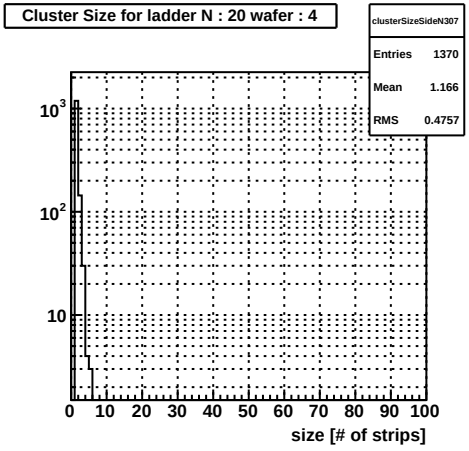

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 2518
Mean 1.241
RMS 0.6198
size [# of strips]

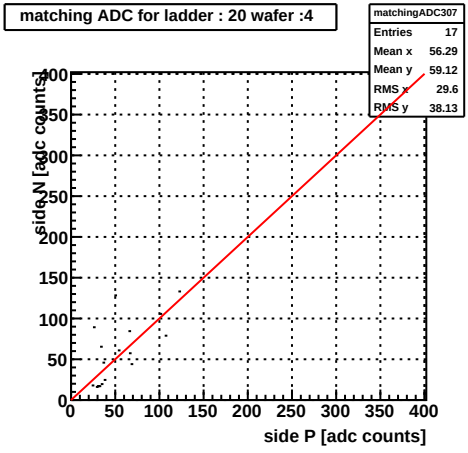

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 141
Mean x 73.73
Mean y 64.66
RMS x 54.19
RMS y 49.8
side N [adc counts]
side P [adc counts]

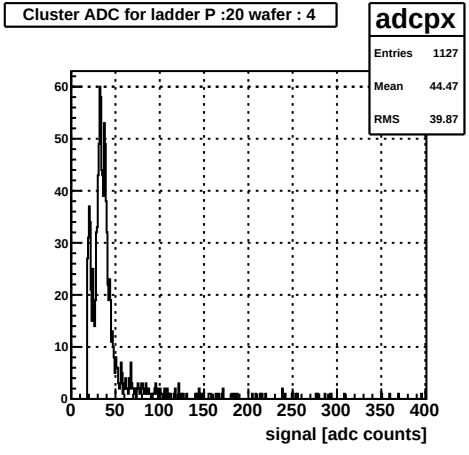

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 1521
Mean 38.91
RMS 37.44
signal [adc counts]

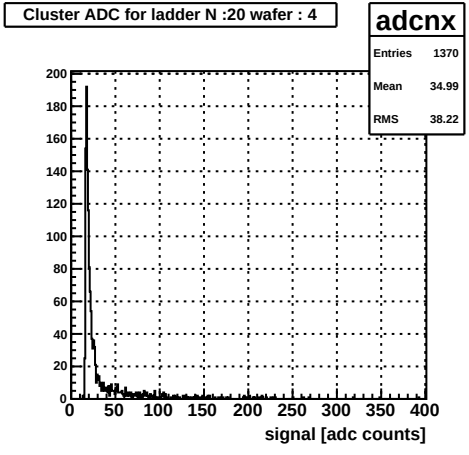

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 2518
Mean 35.41
RMS 38.51
signal [adc counts]

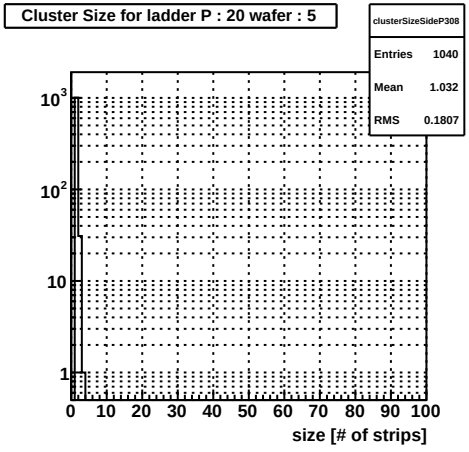

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 1127
Mean 1.09
RMS 0.3396
size [# of strips]

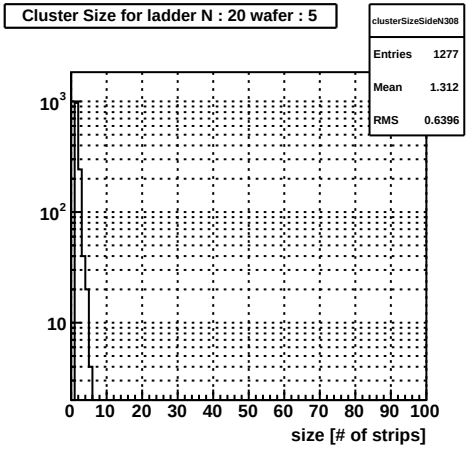

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 1370
Mean 1.166
RMS 0.4757
size [# of strips]

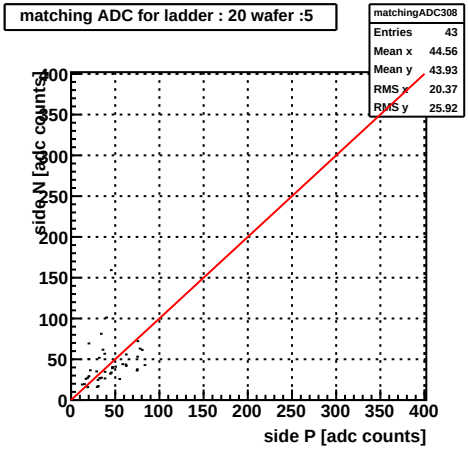

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 17
Mean x 56.29
Mean y 59.12
RMS x 29.6
RMS y 38.13
side N [adc counts]
side P [adc counts]

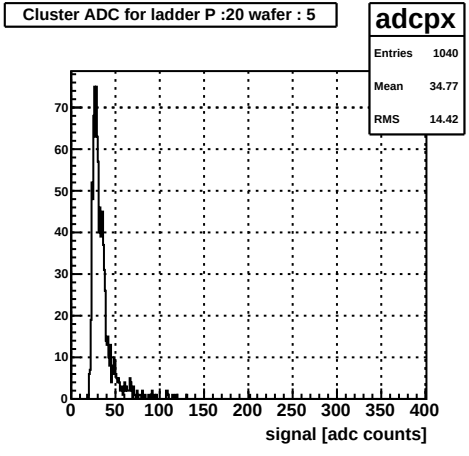

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 1127
Mean 44.47
RMS 39.87
signal [adc counts]

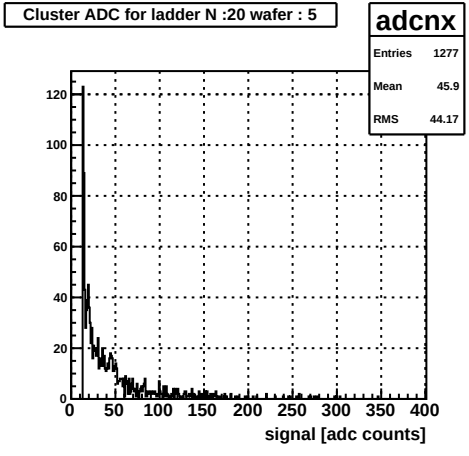

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 1370
Mean 34.99
RMS 38.22
signal [adc counts]

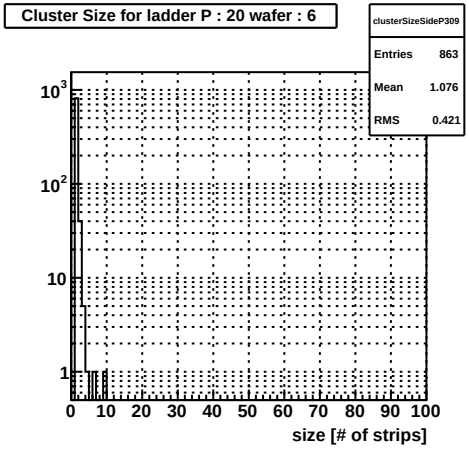

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 1040
Mean 1.032
RMS 0.1807
size [# of strips]

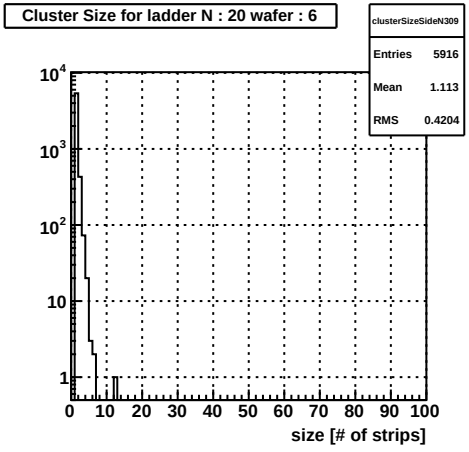

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 1277
Mean 1.312
RMS 0.6396
size [# of strips]

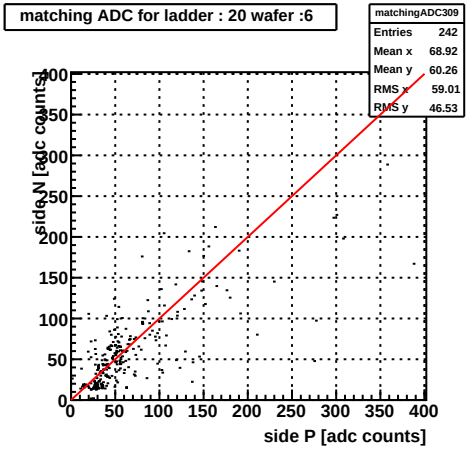

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 43
Mean x 44.56
Mean y 43.93
RMS x 20.37
RMS y 25.92
side N [adc counts]
side P [adc counts]

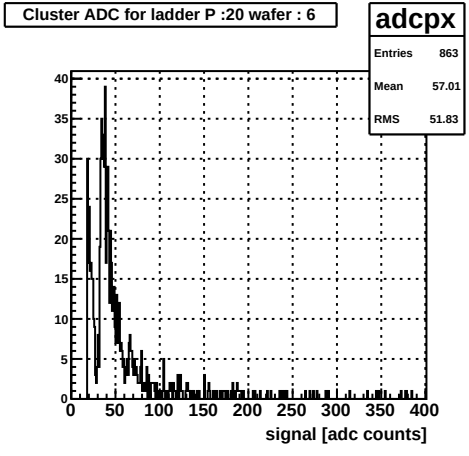

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 1040
Mean 34.77
RMS 14.42
signal [adc counts]

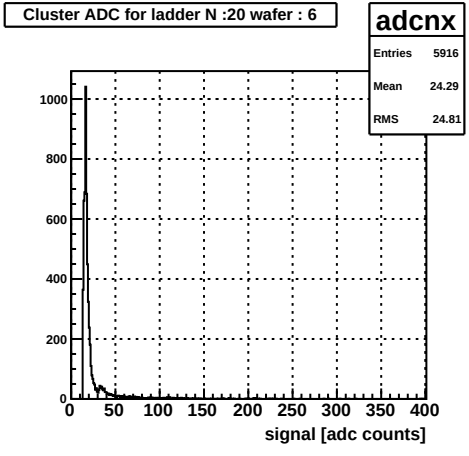

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 1277
Mean 45.9
RMS 44.17
signal [adc counts]

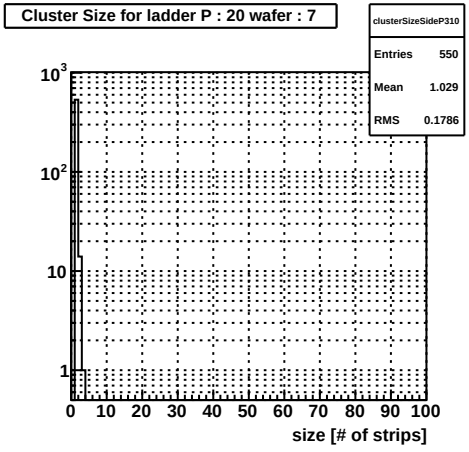

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 863
Mean 1.076
RMS 0.421
size [# of strips]

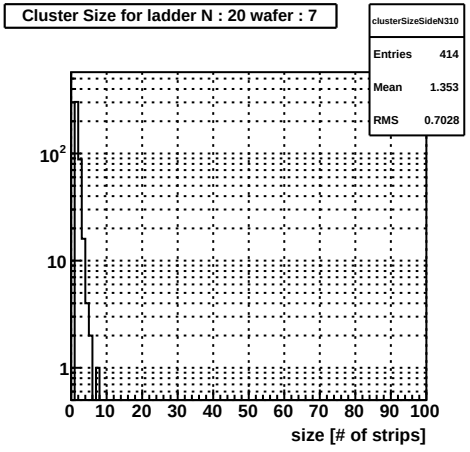

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 5916
Mean 1.113
RMS 0.4204
size [# of strips]

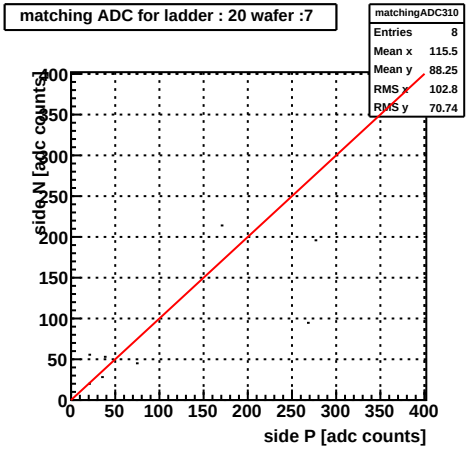

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 242
Mean x 68.92
Mean y 60.26
RMS x 59.01
RMS y 46.53
side N [adc counts]
side P [adc counts]

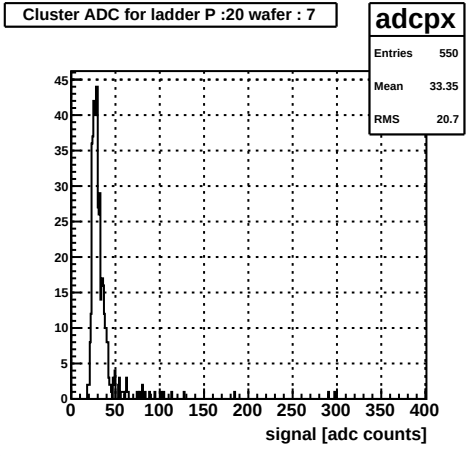

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 863
Mean 57.01
RMS 51.83
signal [adc counts]

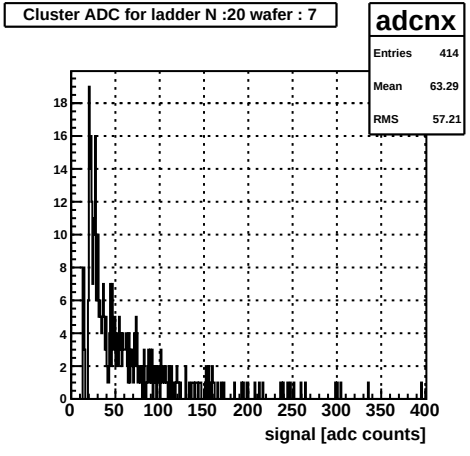

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 5916
Mean 24.29
RMS 24.81
signal [adc counts]

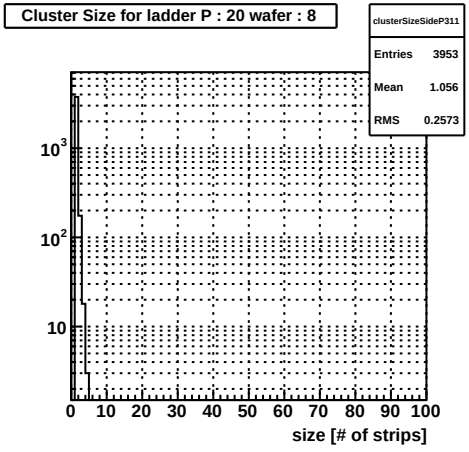

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 550
Mean 1.029
RMS 0.1786
size [# of strips]

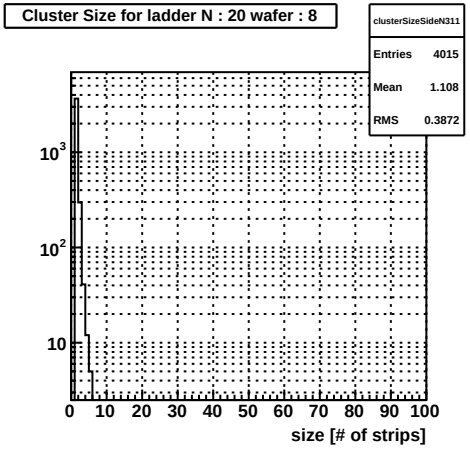

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 414
Mean 1.353
RMS 0.7028
size [# of strips]

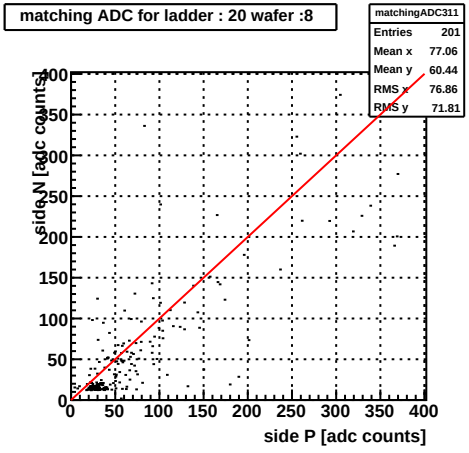

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 8
Mean x 115.5
Mean y 88.25
RMS x 102.8
RMS y 70.74
side N [adc counts]
side P [adc counts]

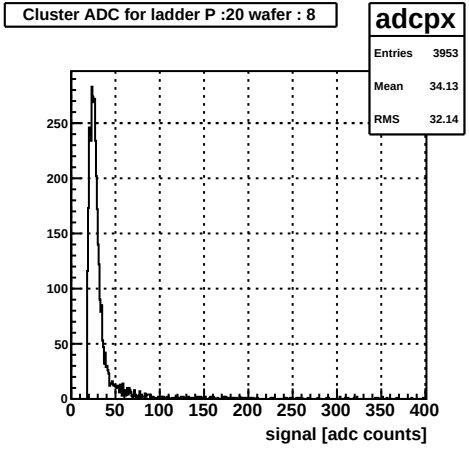

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 550
Mean 33.35
RMS 20.7
signal [adc counts]

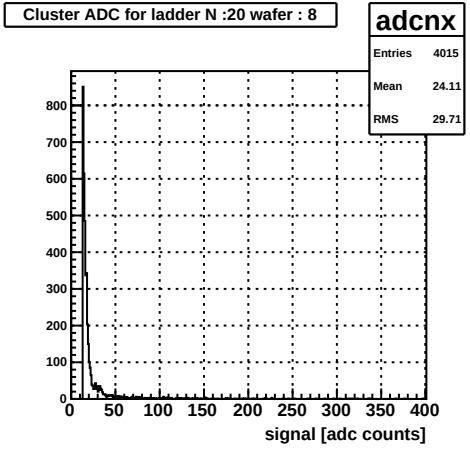

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 414
Mean 63.29
RMS 57.21
signal [adc counts]

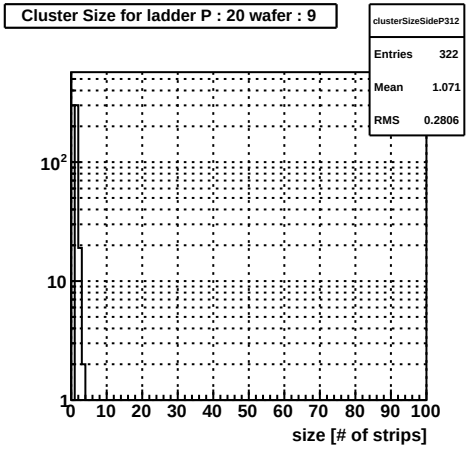

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 3953
Mean 1.056
RMS 0.2573
size [# of strips]

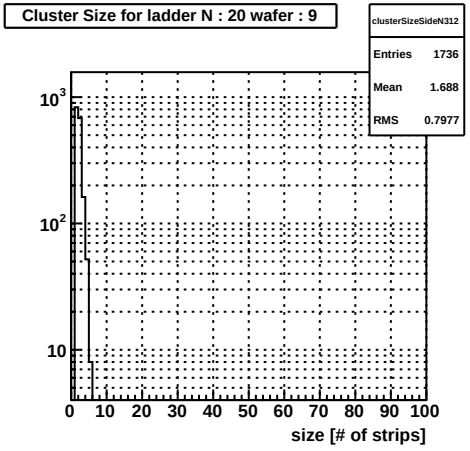

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 4015
Mean 1.108
RMS 0.3872
size [# of strips]

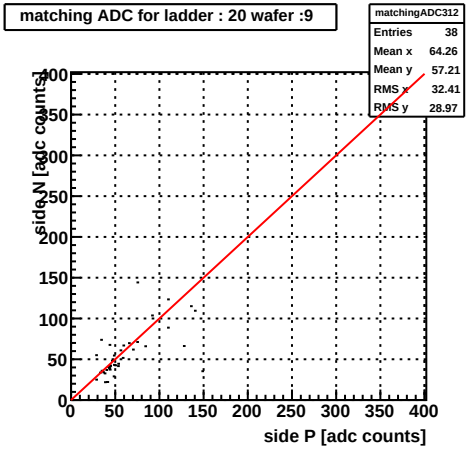

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 201
Mean x 77.06
Mean y 60.44
RMS x 76.86
RMS y 71.81
side N [adc counts]
side P [adc counts]

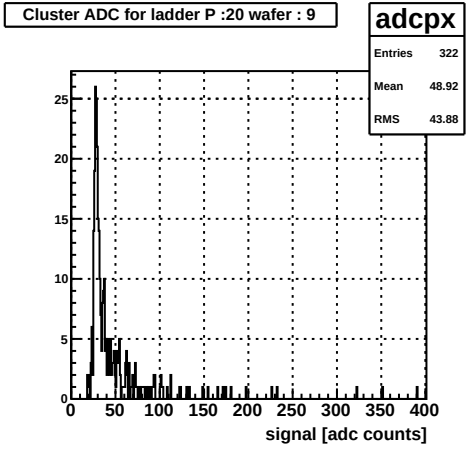

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 3953
Mean 34.13
RMS 32.14
signal [adc counts]

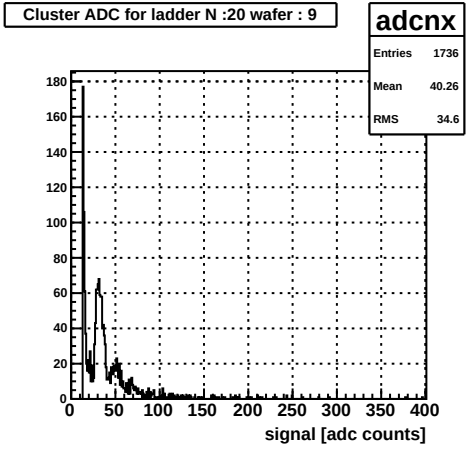

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 4015
Mean 24.11
RMS 29.71
signal [adc counts]

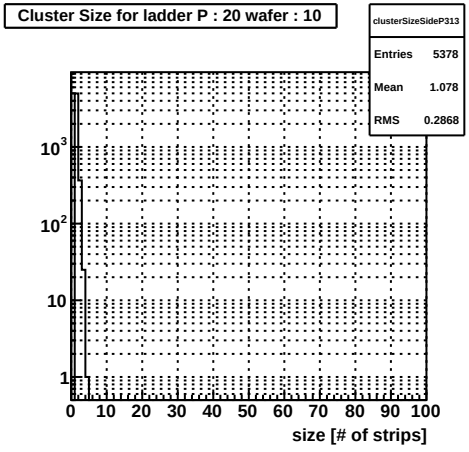

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 322
Mean 1.071
RMS 0.2806
size [# of strips]

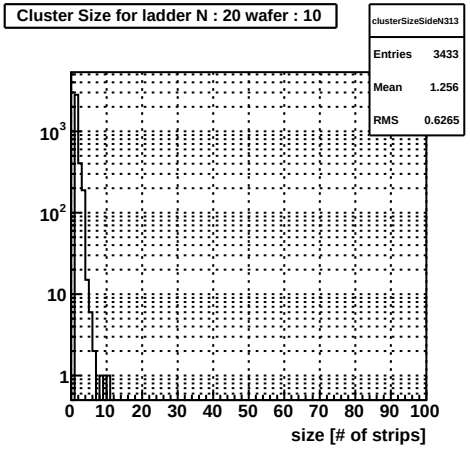

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 1736
Mean 1.688
RMS 0.7977
size [# of strips]

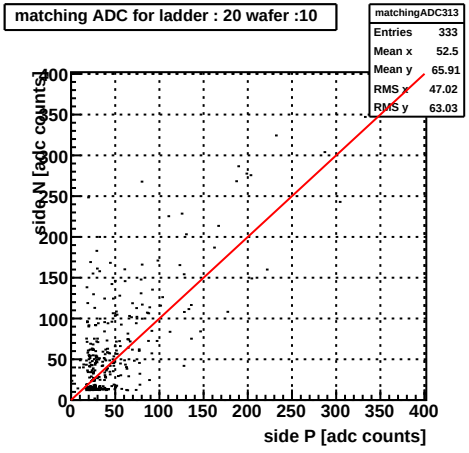

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 38
Mean x 64.26
Mean y 57.21
RMS x 32.41
RMS y 28.97
side N [adc counts]
side P [adc counts]

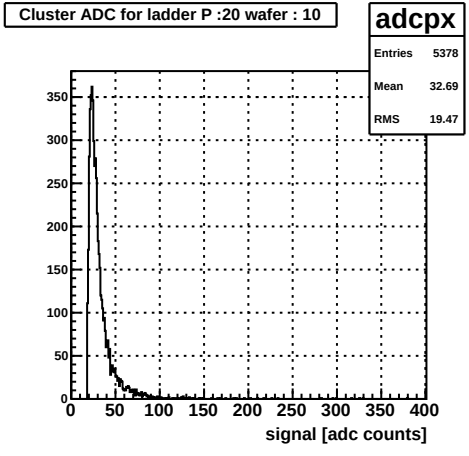

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 322
Mean 48.92
RMS 43.88
signal [adc counts]

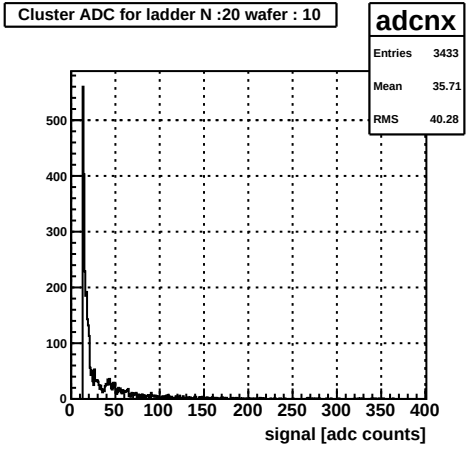

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 1736
Mean 40.26
RMS 34.6
signal [adc counts]

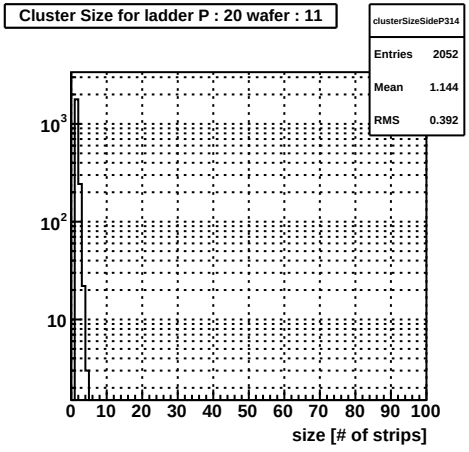

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 5378
Mean 1.078
RMS 0.2868
size [# of strips]

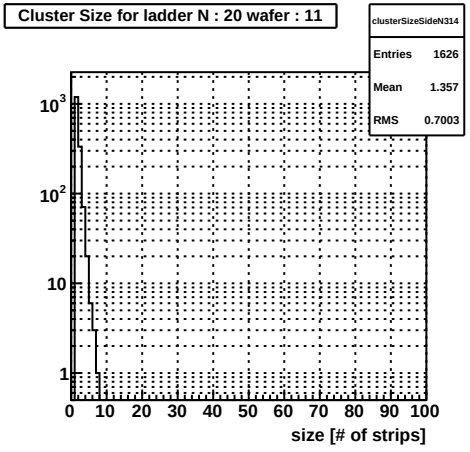

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 3433
Mean 1.256
RMS 0.6265
size [# of strips]

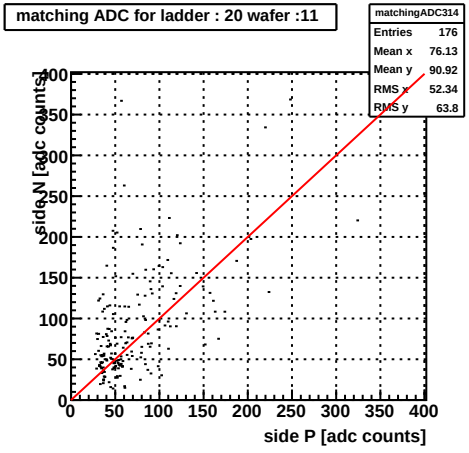

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 333
Mean x 52.5
Mean y 65.91
RMS x 47.02
RMS y 63.03
side N [adc counts]
side P [adc counts]

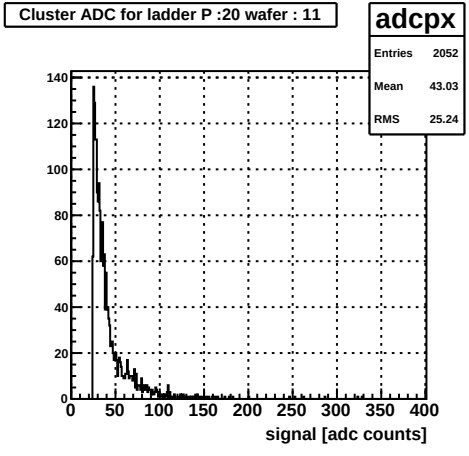

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 5378
Mean 32.69
RMS 19.47
signal [adc counts]

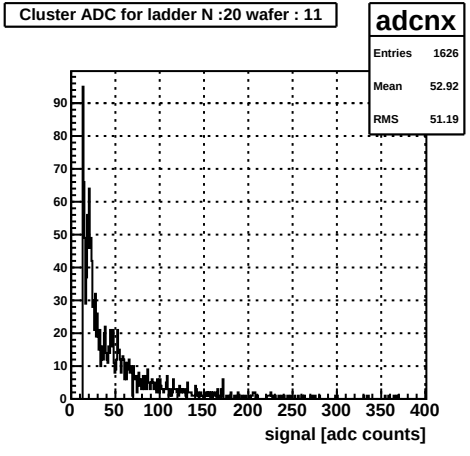

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 3433
Mean 35.71
RMS 40.28
signal [adc counts]

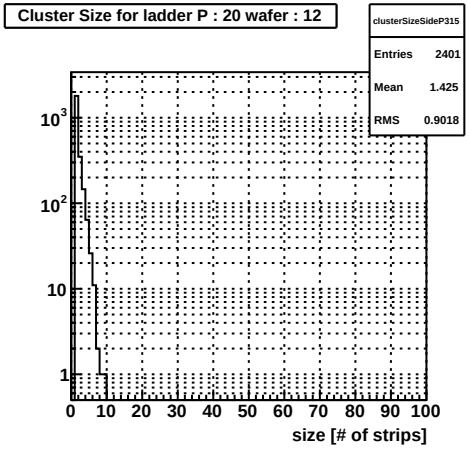

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 2052
Mean 1.144
RMS 0.392
size [# of strips]

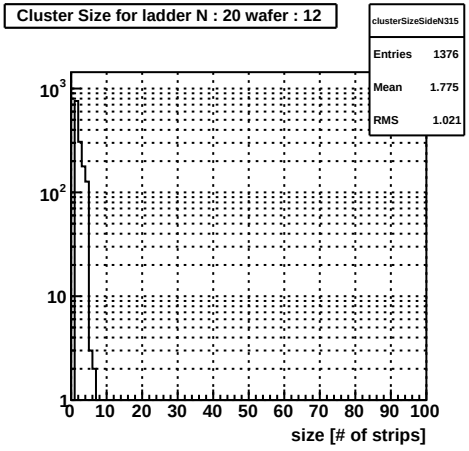

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 1626
Mean 1.357
RMS 0.7003
size [# of strips]

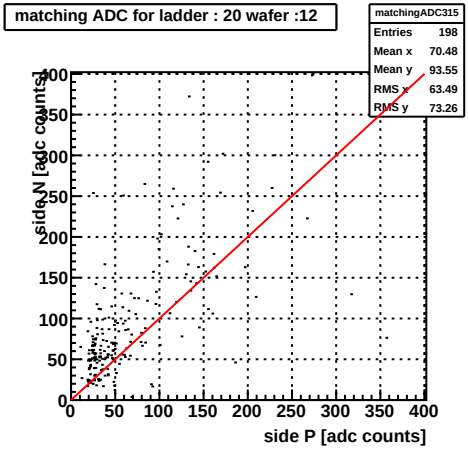

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 176
Mean x 76.13
Mean y 90.92
RMS x 52.34
RMS y 63.8
side N [adc counts]
side P [adc counts]

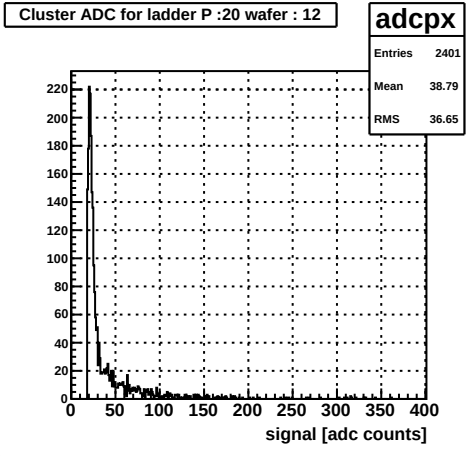

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 2052
Mean 43.03
RMS 25.24
signal [adc counts]

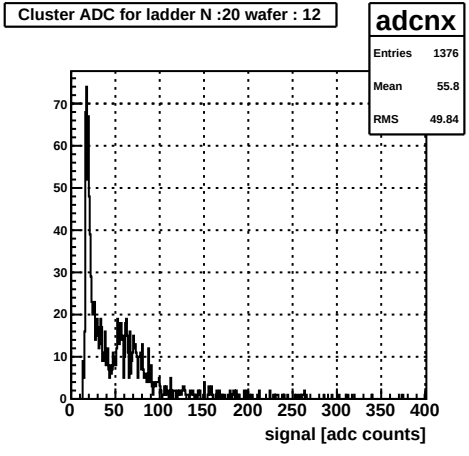

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 1626
Mean 52.92
RMS 51.19
signal [adc counts]

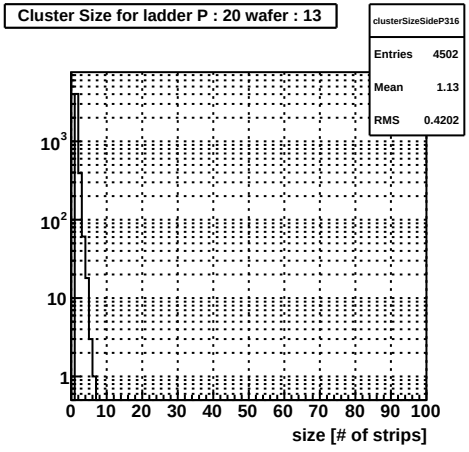

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 2401
Mean 1.425
RMS 0.9018
size [# of strips]

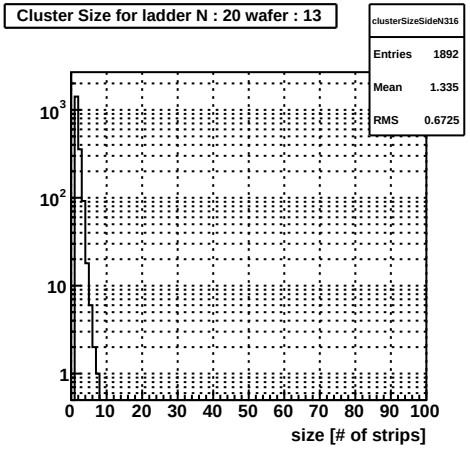

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 1376
Mean 1.775
RMS 1.021
size [# of strips]

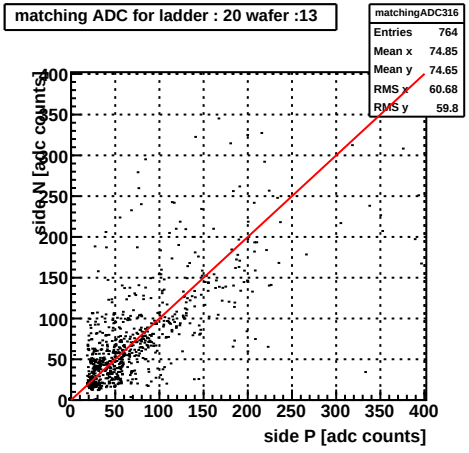

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 198
Mean x 70.48
Mean y 93.55
RMS x 63.49
RMS y 73.26
side N [adc counts]
side P [adc counts]

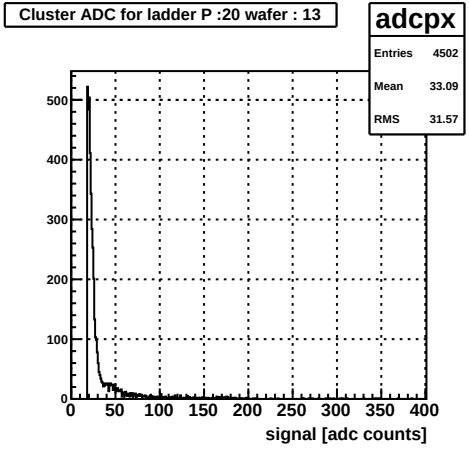

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 2401
Mean 38.79
RMS 36.65
signal [adc counts]

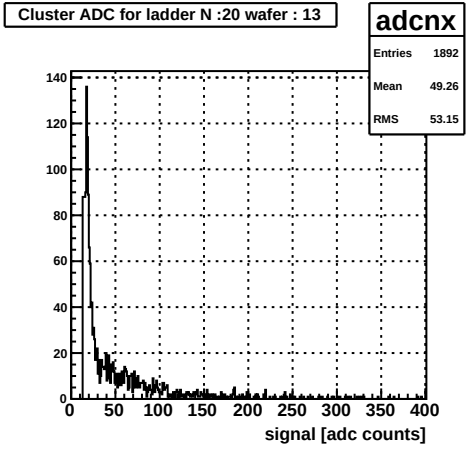

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 1376
Mean 55.8
RMS 49.84
signal [adc counts]

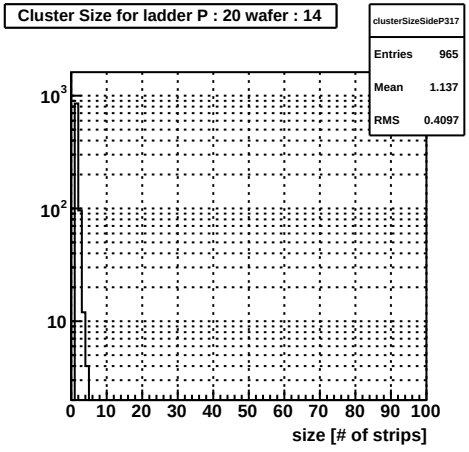

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 4502
Mean 1.13
RMS 0.4202
size [# of strips]

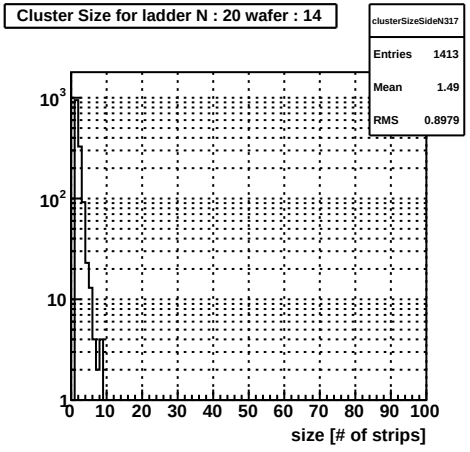

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 1892
Mean 1.335
RMS 0.6725
size [# of strips]

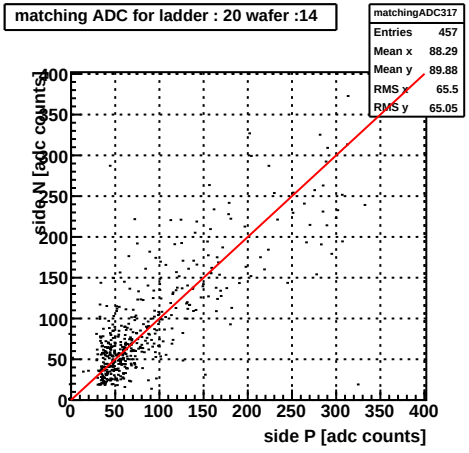

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 764
Mean x 74.85
Mean y 74.65
RMS x 60.68
RMS y 59.8
side N [adc counts]
side P [adc counts]

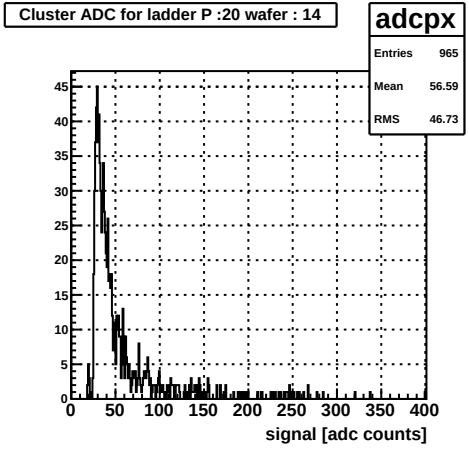

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 4502
Mean 33.09
RMS 31.57
signal [adc counts]

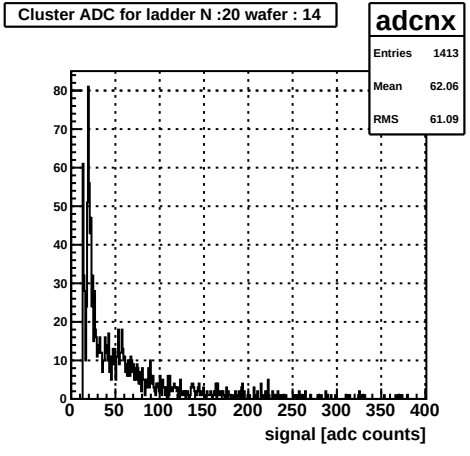

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 1892
Mean 49.26
RMS 53.15
signal [adc counts]

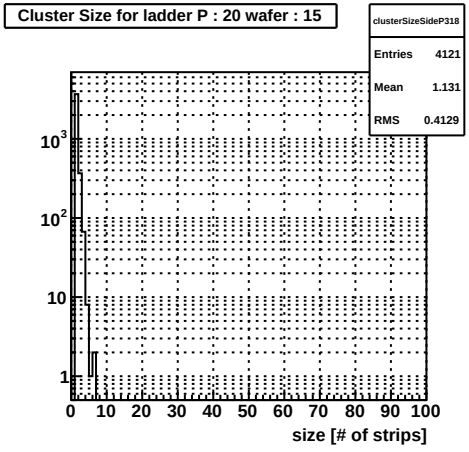

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 965
Mean 1.137
RMS 0.4097
size [# of strips]

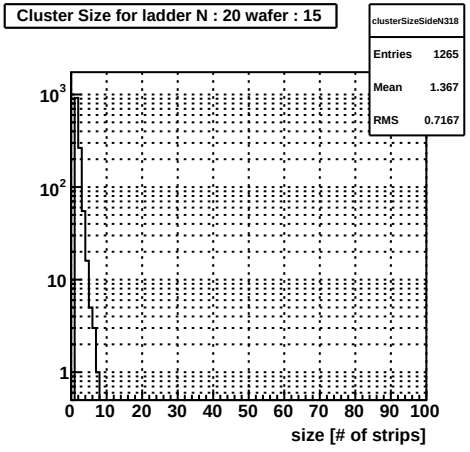

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 1413
Mean 1.49
RMS 0.8979
size [# of strips]

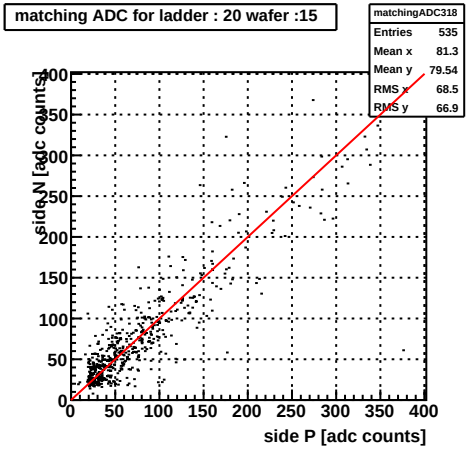

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 457
Mean x 88.29
Mean y 89.88
RMS x 65.5
RMS y 65.05
side N [adc counts]
side P [adc counts]

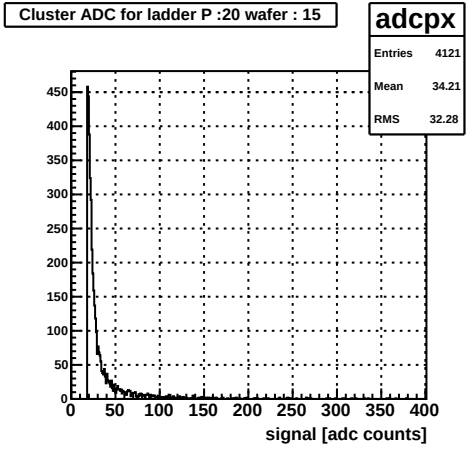

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 965
Mean 56.59
RMS 46.73
signal [adc counts]

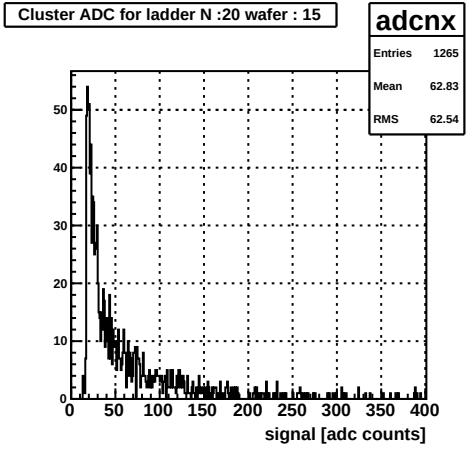

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 1413
Mean 62.06
RMS 61.09
signal [adc counts]

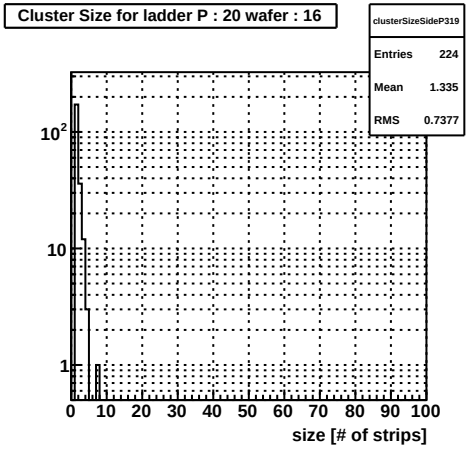

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 4121
Mean 1.131
RMS 0.4129
size [# of strips]

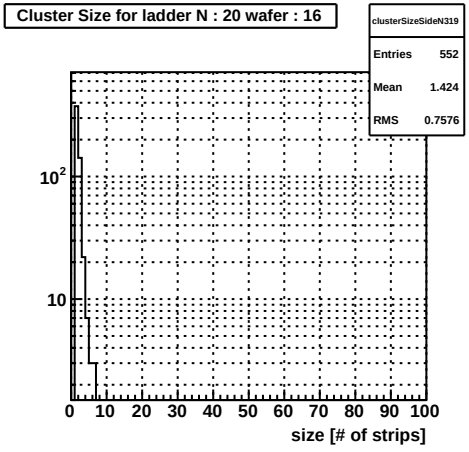

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 1265
Mean 1.367
RMS 0.7167
size [# of strips]

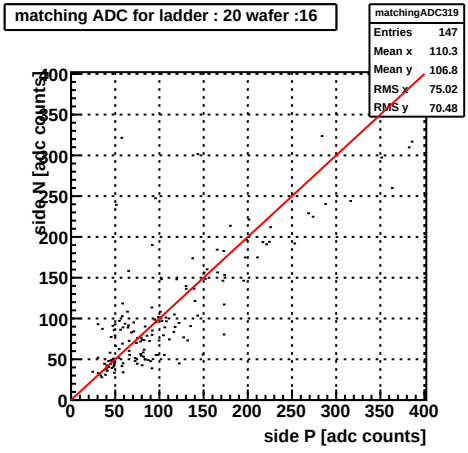

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 535
Mean x 81.3
Mean y 79.54
RMS x 68.5
RMS y 66.9
side N [adc counts]
side P [adc counts]

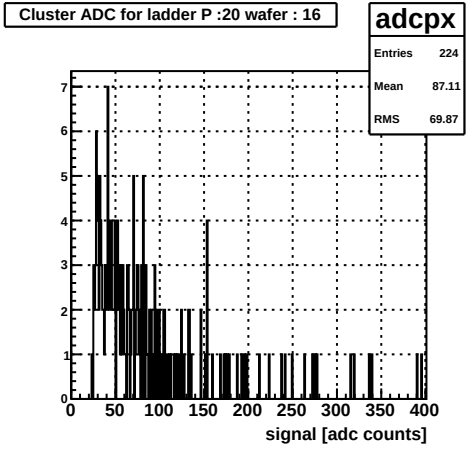

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 4121
Mean 34.21
RMS 32.28
signal [adc counts]

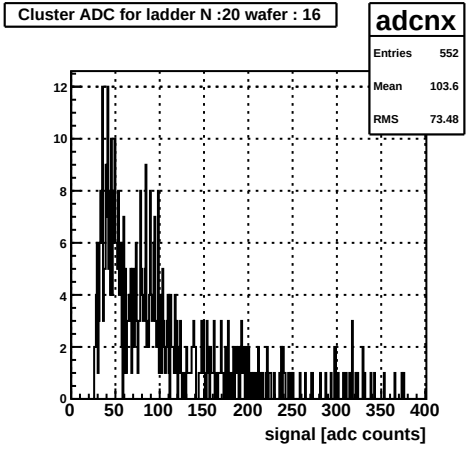

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 1265
Mean 62.83
RMS 62.54
signal [adc counts]

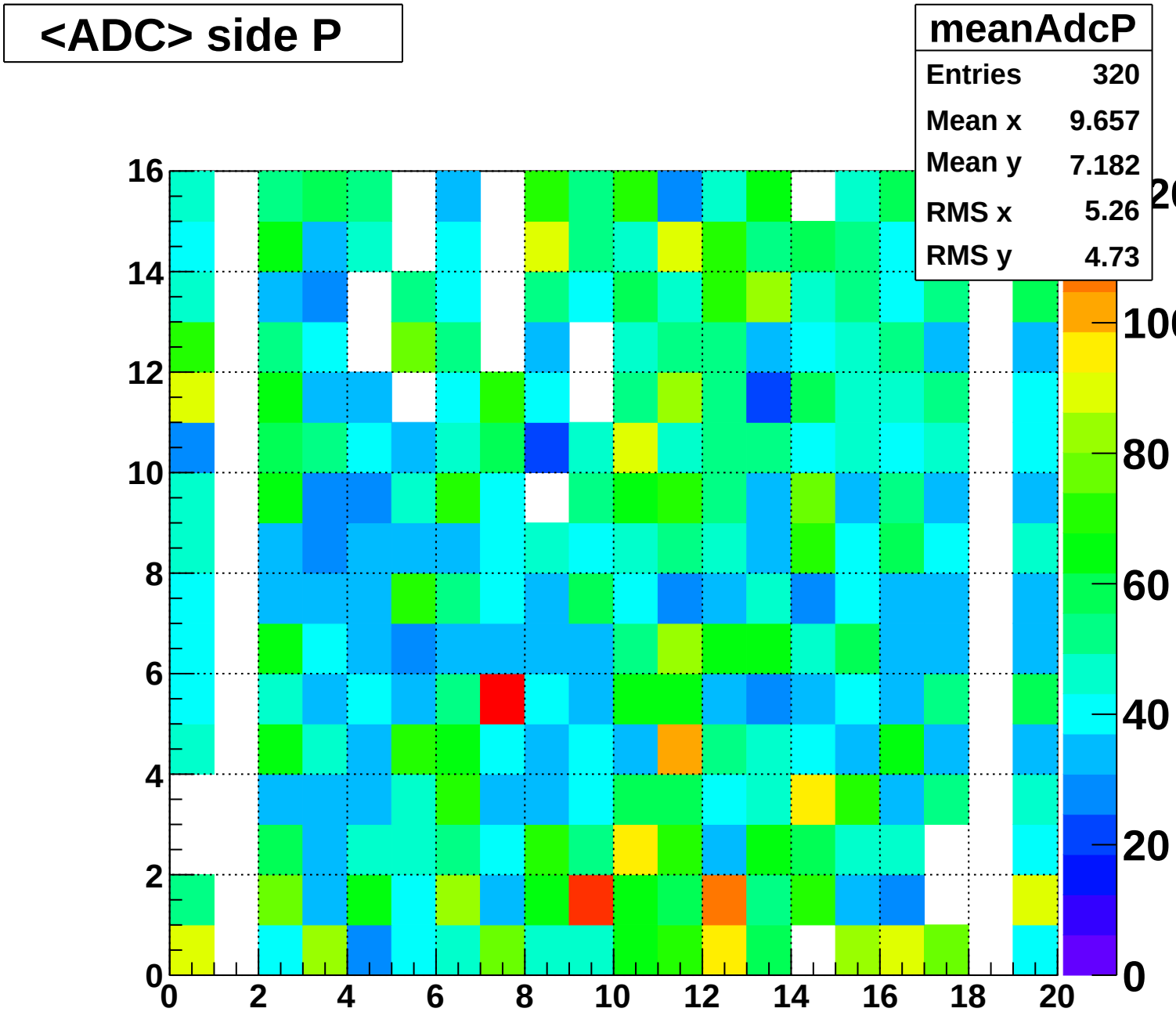

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 224
Mean 1.335
RMS 0.7377
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 552
Mean 1.424
RMS 0.7576
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 147
Mean x 110.3
Mean y 106.8
RMS x 75.02
RMS y 70.48
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 224
Mean 87.11
RMS 69.87
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 552
Mean 103.6
RMS 73.48
signal [adc counts]



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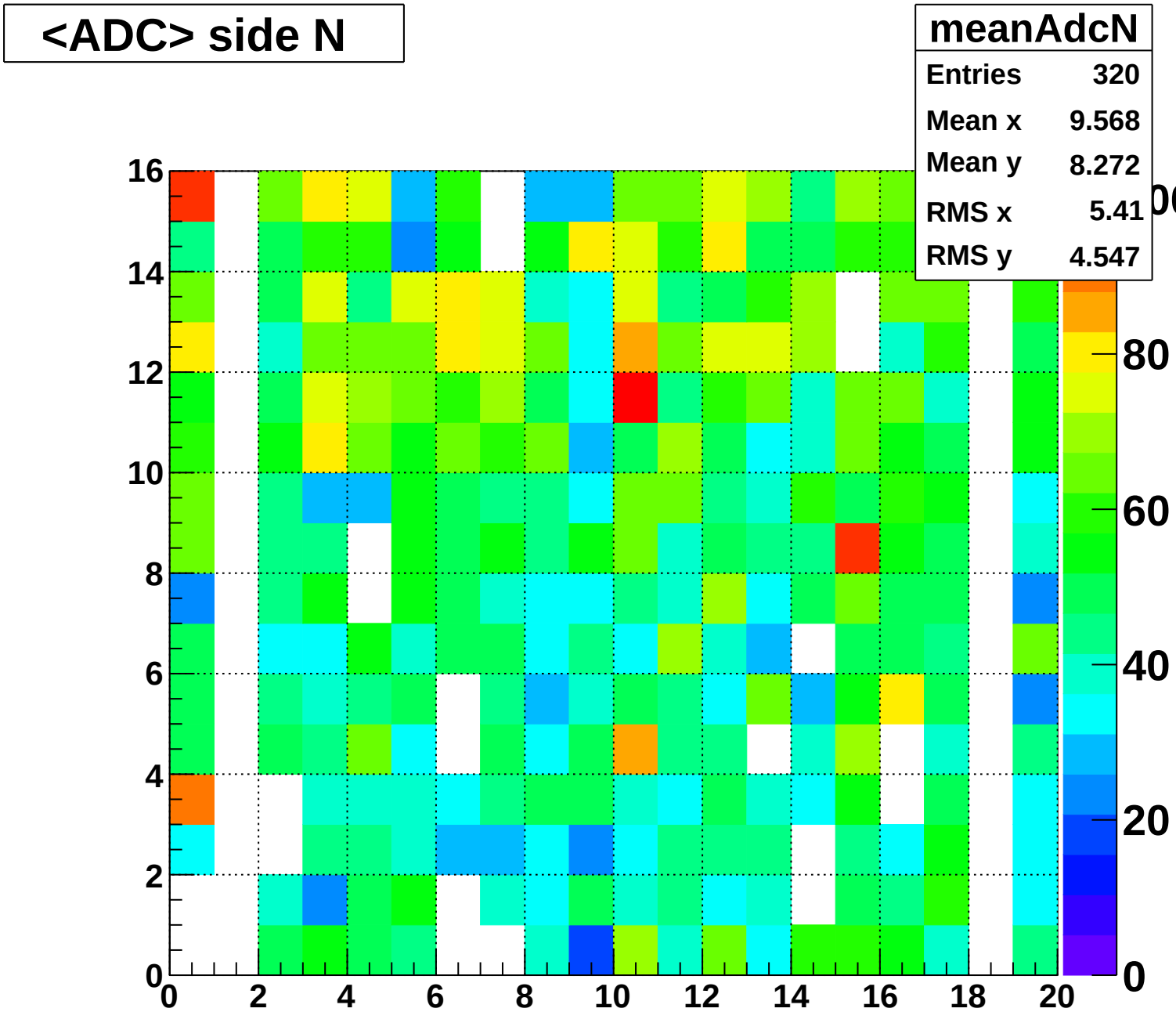

2016-05-19 00:32:01