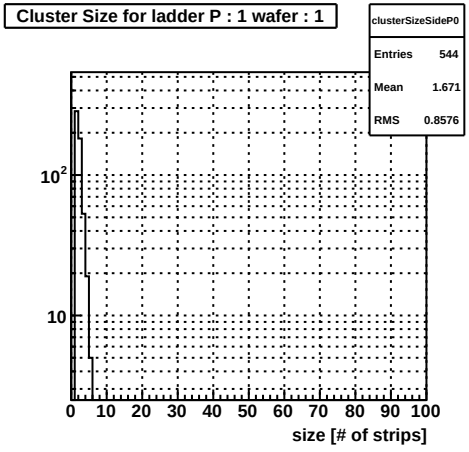
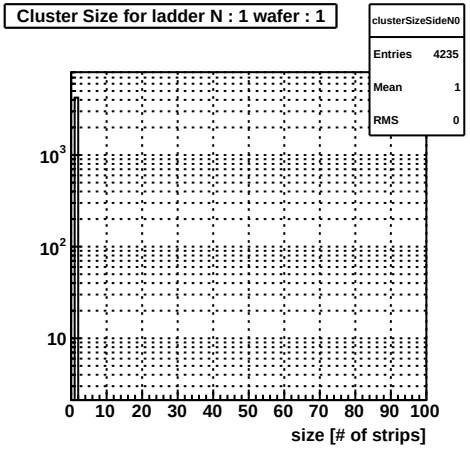
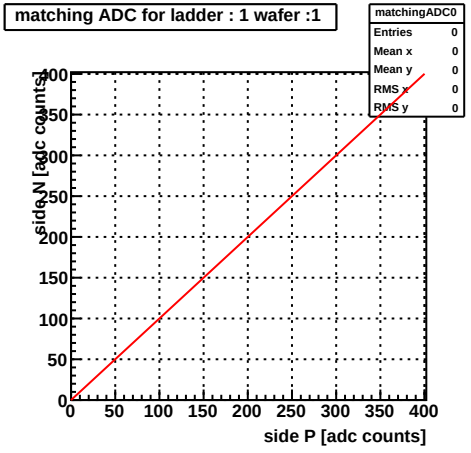
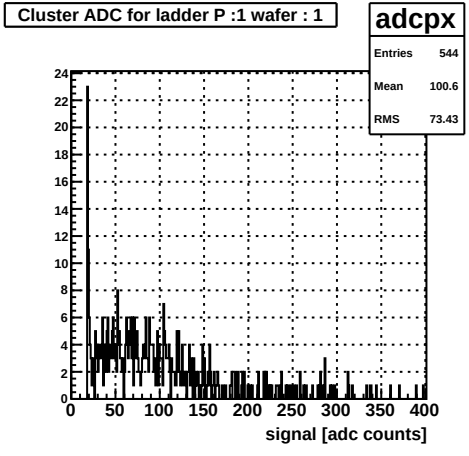
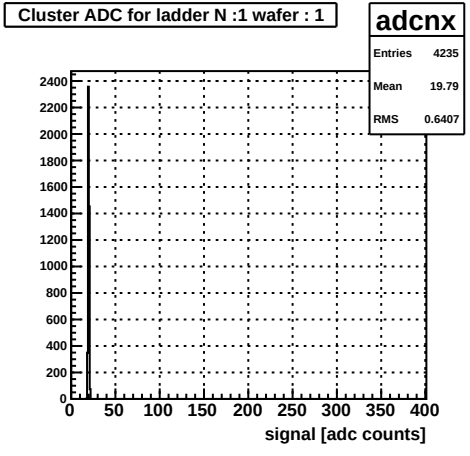
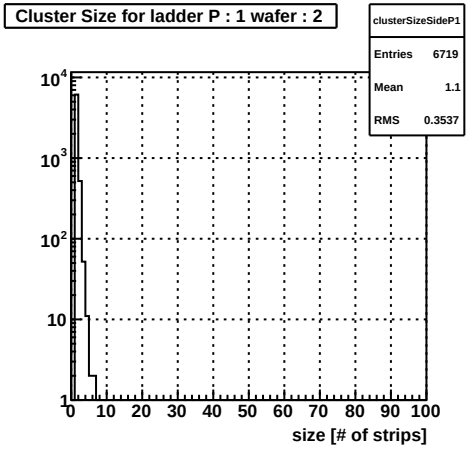

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 544
Mean 1.671
RMS 0.8576
size [# of strips]

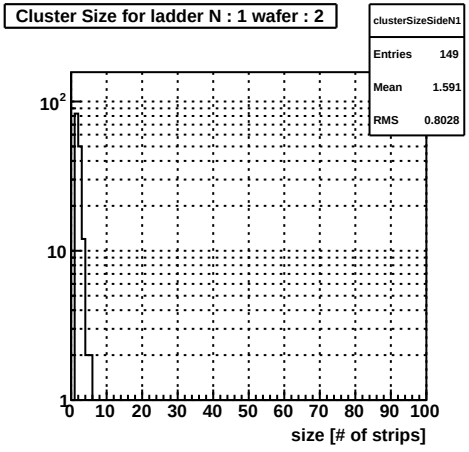

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 4235
Mean 1
RMS 0
size [# of strips]

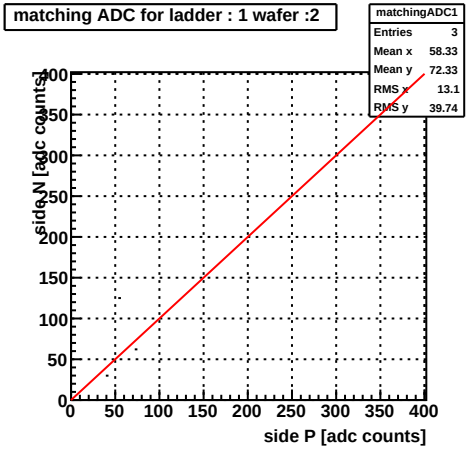

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

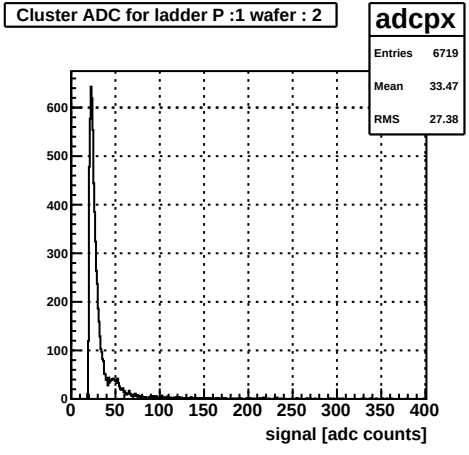

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 544
Mean 100.6
RMS 73.43
signal [adc counts]

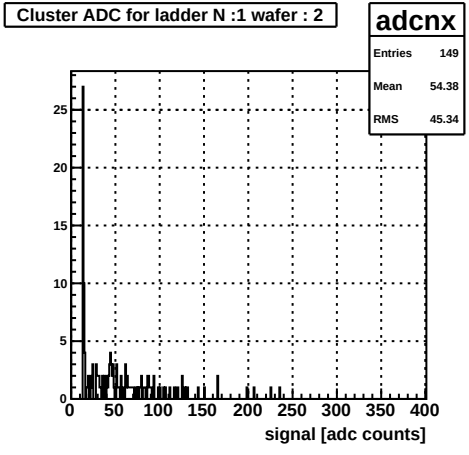

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 4235
Mean 19.79
RMS 0.6407
signal [adc counts]

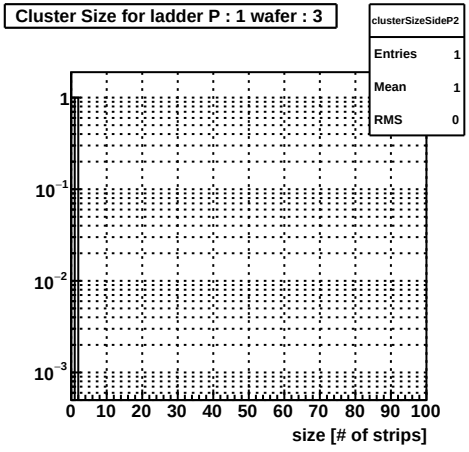

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 6719
Mean 1.1
RMS 0.3537
size [# of strips]

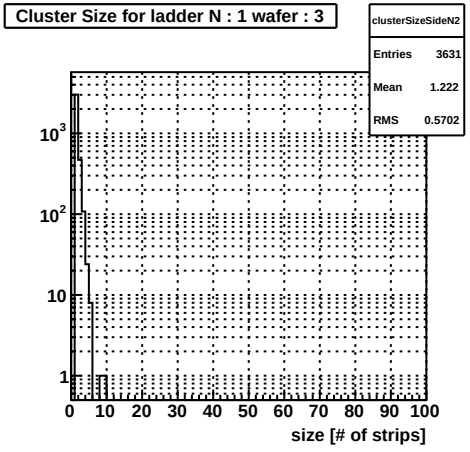

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 149
Mean 1.591
RMS 0.8028
size [# of strips]

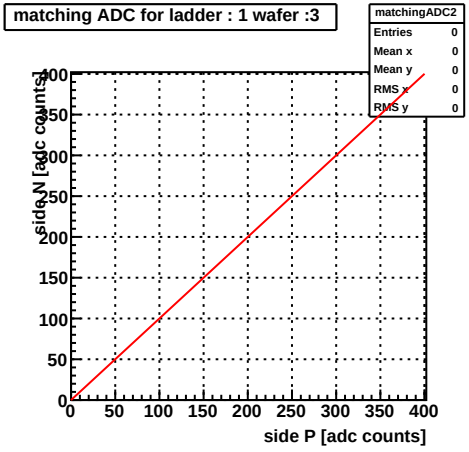

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 3
Mean x 58.33
Mean y 72.33
RMS x 13.1
RMS y 39.74
side N [adc counts]
side P [adc counts]

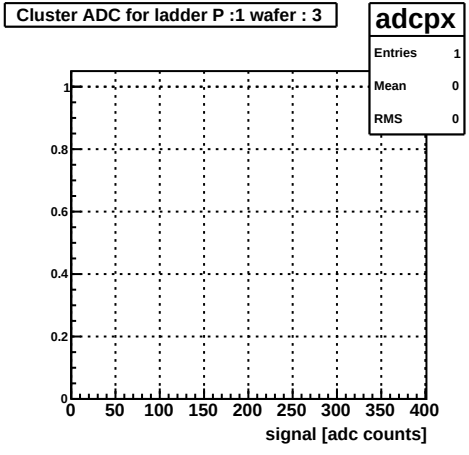

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 6719
Mean 33.47
RMS 27.38
signal [adc counts]

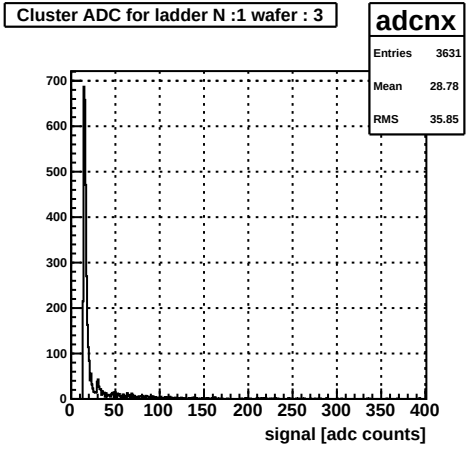

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 149
Mean 54.38
RMS 45.34
signal [adc counts]

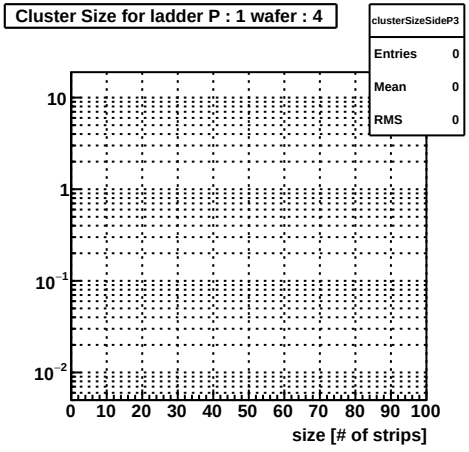

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 1
Mean 1
RMS 0
size [# of strips]

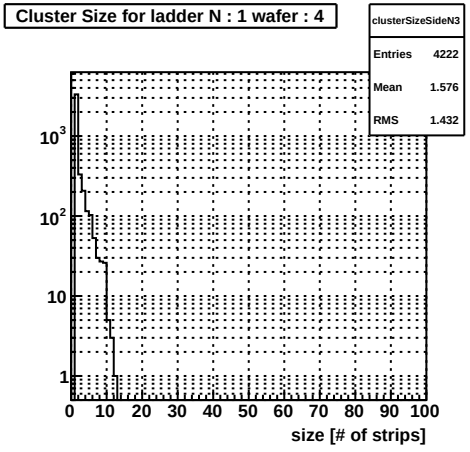

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 3631
Mean 1.222
RMS 0.5702
size [# of strips]

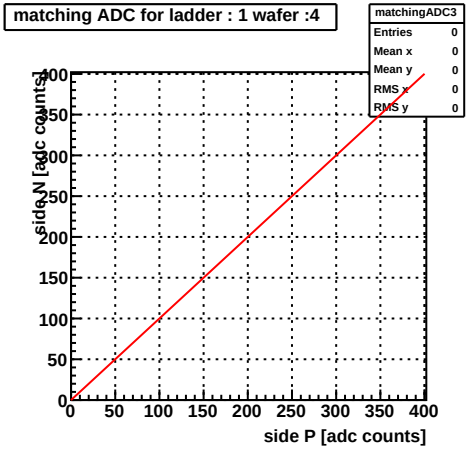

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

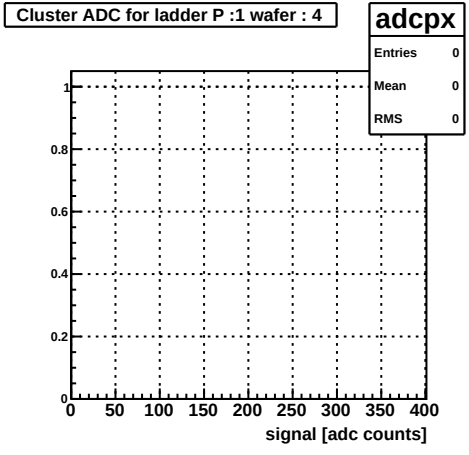

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

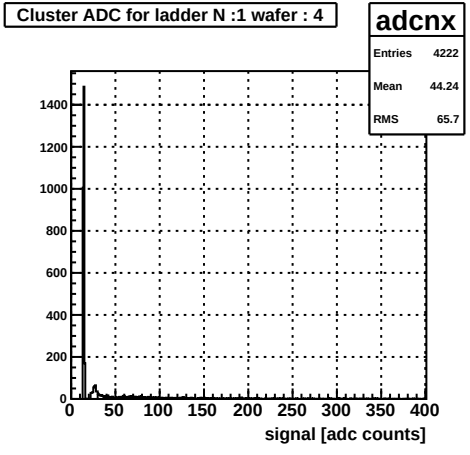

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 3631
Mean 28.78
RMS 35.85
signal [adc counts]

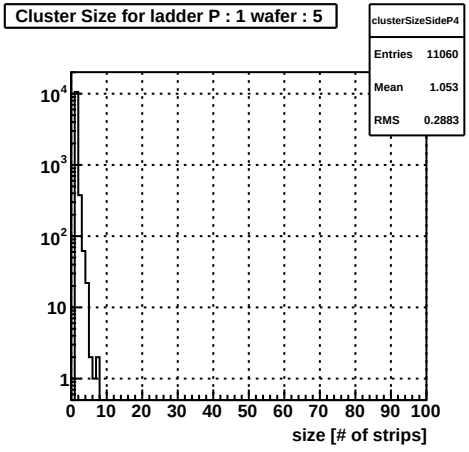

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

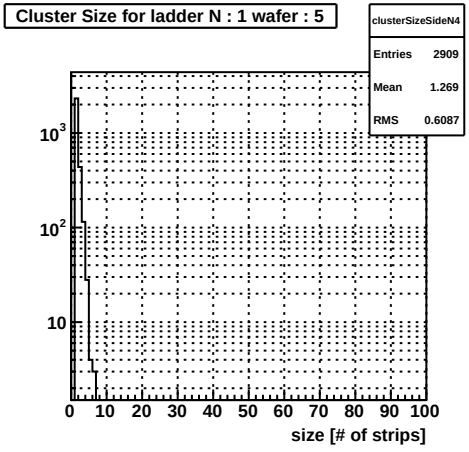

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 4222
Mean 1.576
RMS 1.432
size [# of strips]

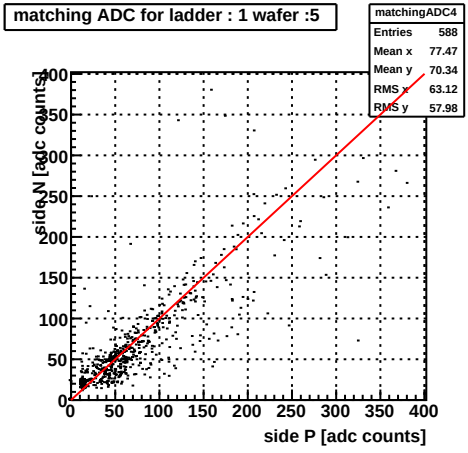

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

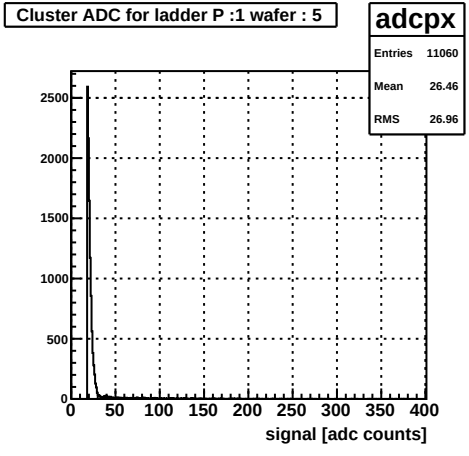

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

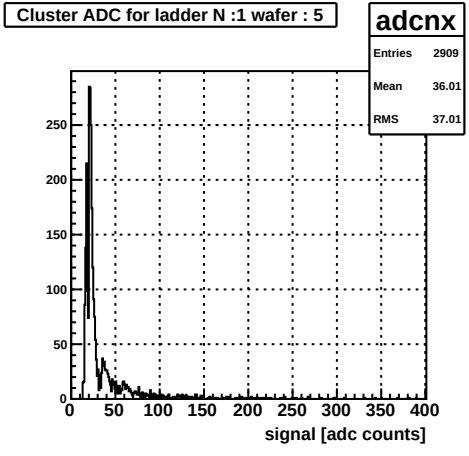

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 4222
Mean 44.24
RMS 65.7
signal [adc counts]

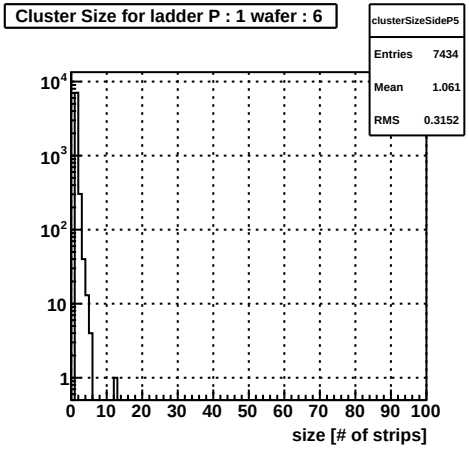

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 11060
Mean 1.053
RMS 0.2883
size [# of strips]

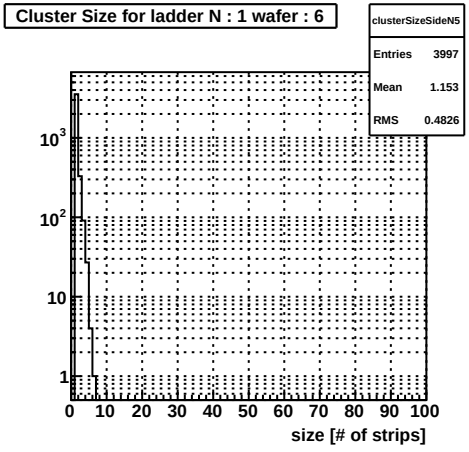

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 2909
Mean 1.269
RMS 0.6087
size [# of strips]

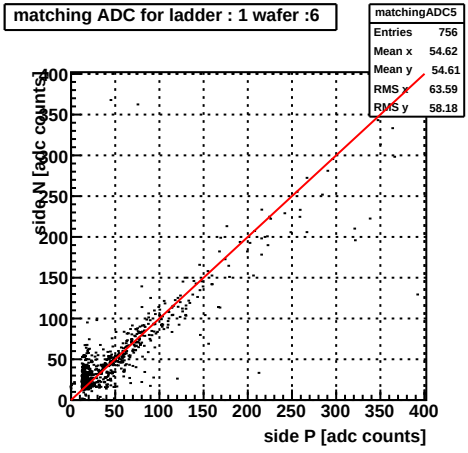

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 588
Mean x 77.47
Mean y 70.34
RMS x 63.12
RMS y 57.98
side N [adc counts]
side P [adc counts]

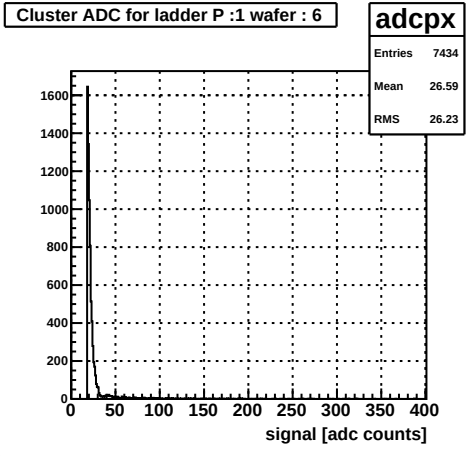

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 11060
Mean 26.46
RMS 26.96
signal [adc counts]

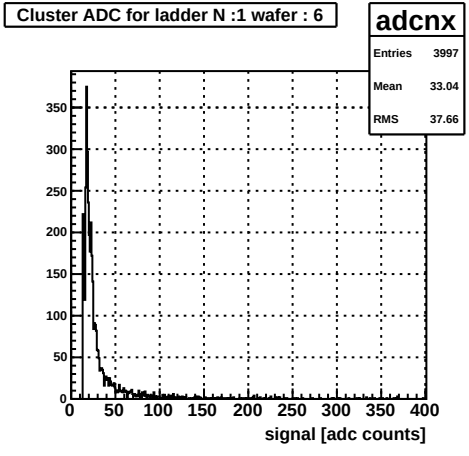

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 2909
Mean 36.01
RMS 37.01
signal [adc counts]

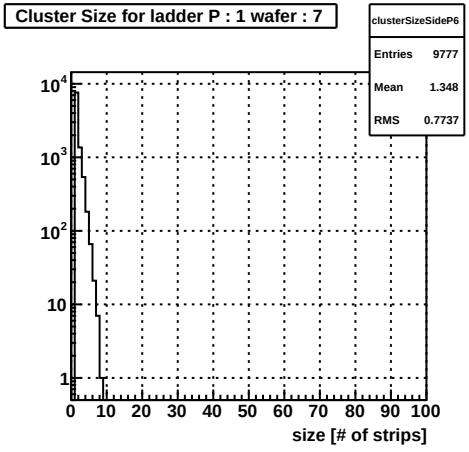

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 7434
Mean 1.061
RMS 0.3152
size [# of strips]

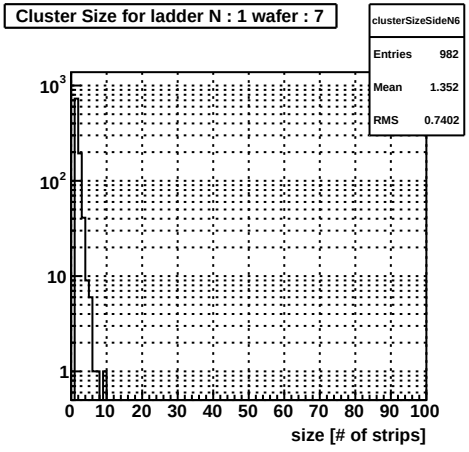

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 3997
Mean 1.153
RMS 0.4826
size [# of strips]

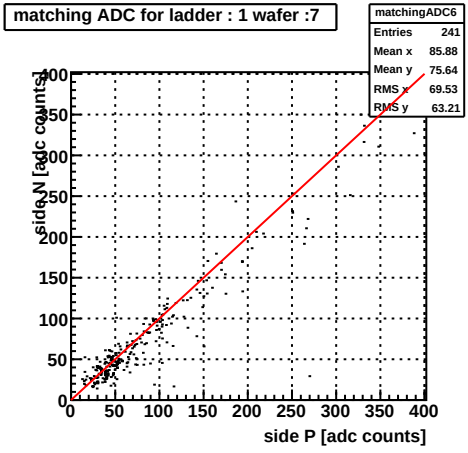

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 756
Mean x 54.62
Mean y 54.61
RMS x 63.59
RMS y 58.18
side N [adc counts]
side P [adc counts]

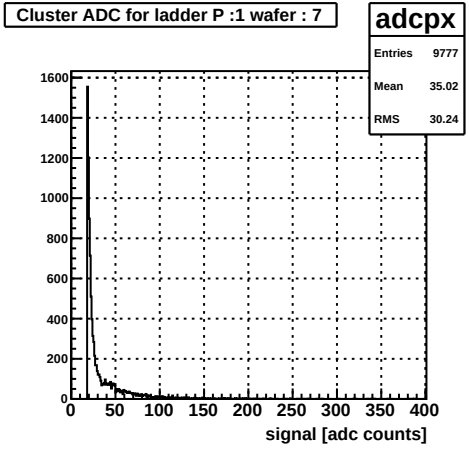

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 7434
Mean 26.59
RMS 26.23
signal [adc counts]

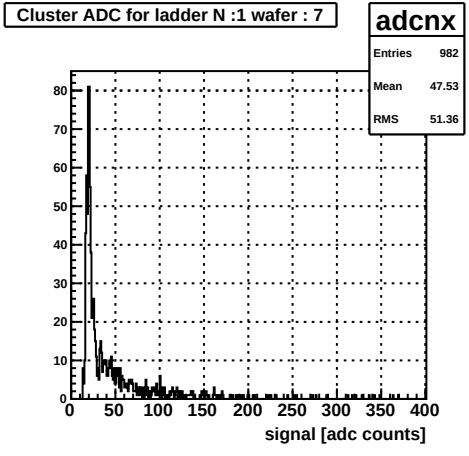

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 3997
Mean 33.04
RMS 37.66
signal [adc counts]

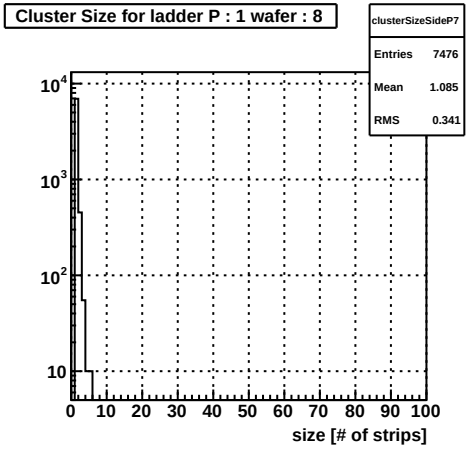

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 9777
Mean 1.348
RMS 0.7737
size [# of strips]

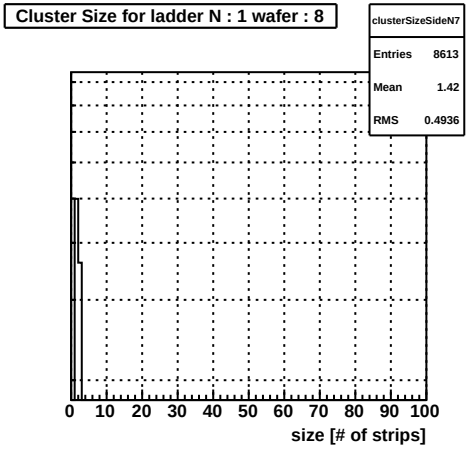

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 982
Mean 1.352
RMS 0.7402
size [# of strips]

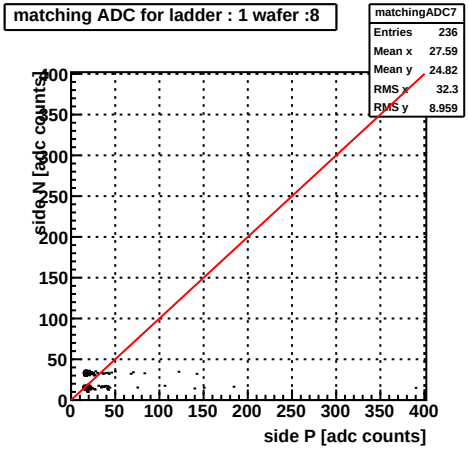

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 241
Mean x 85.88
Mean y 75.64
RMS x 69.53
RMS y 63.21
side N [adc counts]
side P [adc counts]

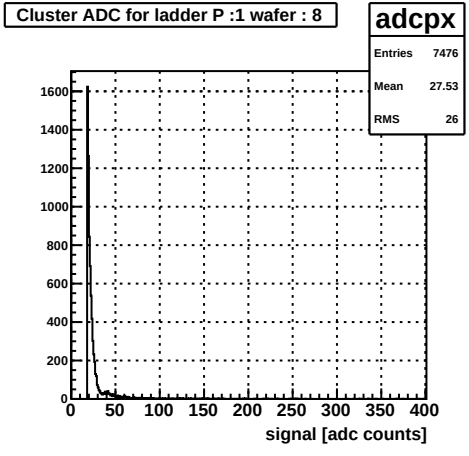

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 9777
Mean 35.02
RMS 30.24
signal [adc counts]

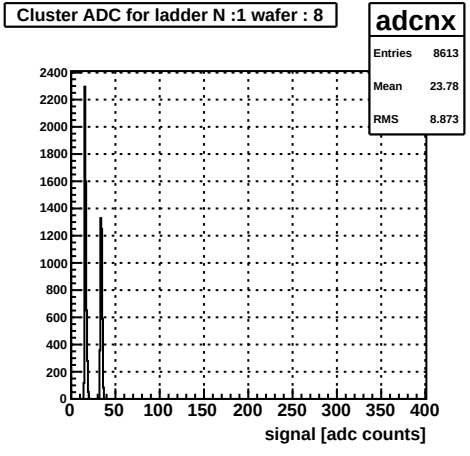

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 982
Mean 47.53
RMS 51.36
signal [adc counts]

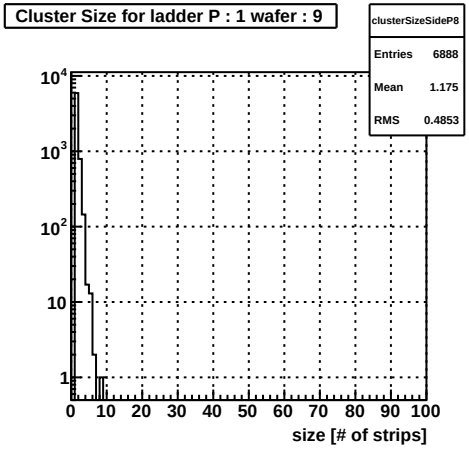

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 7476
Mean 1.085
RMS 0.341
size [# of strips]

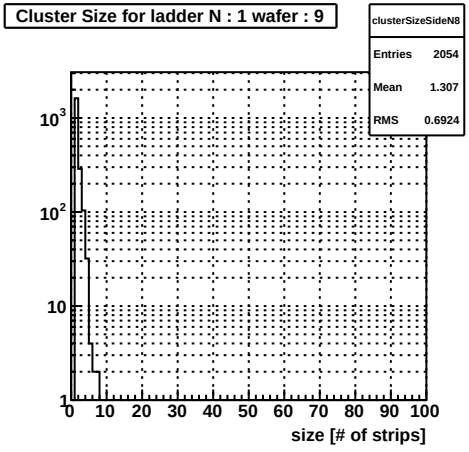

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 8613
Mean 1.42
RMS 0.4936
size [# of strips]

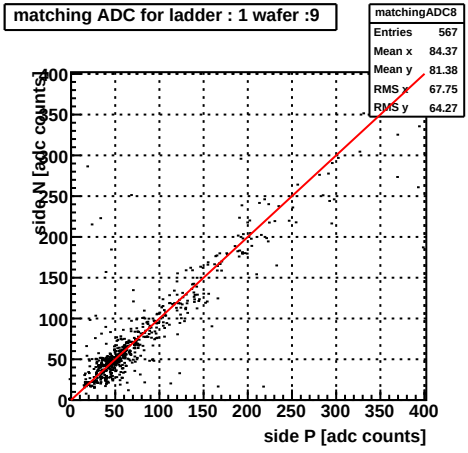

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 236
Mean x 27.59
Mean y 24.82
RMS x 32.3
RMS y 8.959
side N [adc counts]
side P [adc counts]

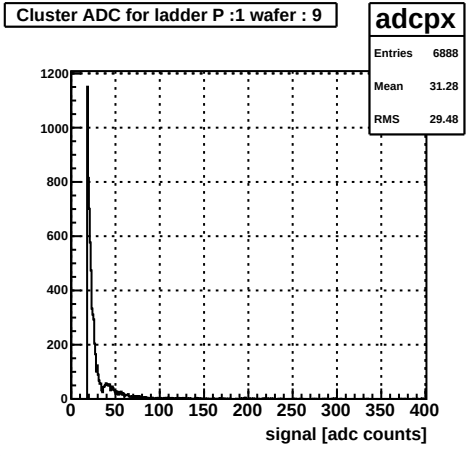

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 7476
Mean 27.53
RMS 26
signal [adc counts]

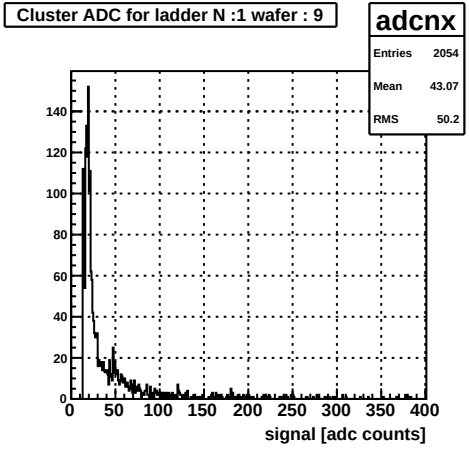

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 8613
Mean 23.78
RMS 8.873
signal [adc counts]

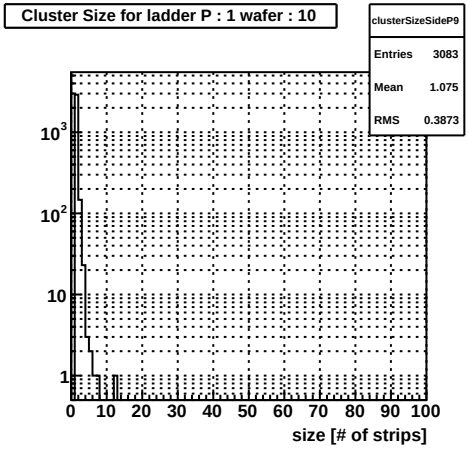

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 6888
Mean 1.175
RMS 0.4853
size [# of strips]

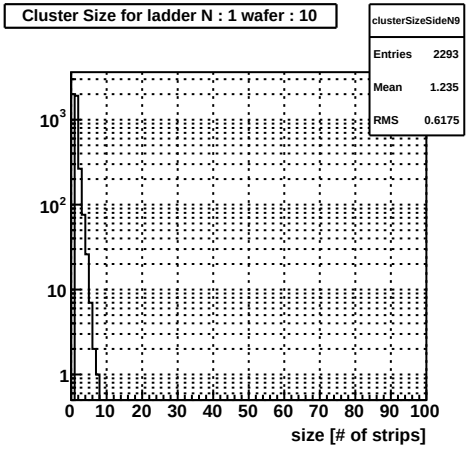

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 2054
Mean 1.307
RMS 0.6924
size [# of strips]

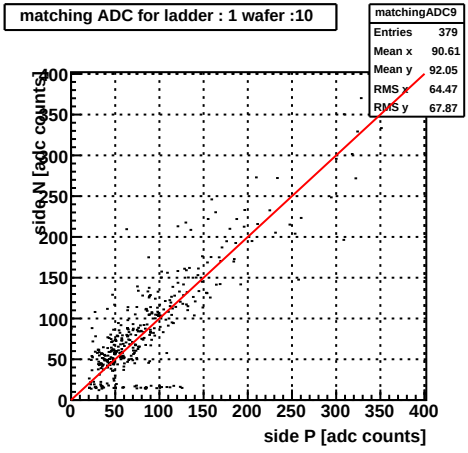

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 567
Mean x 84.37
Mean y 81.38
RMS x 67.75
RMS y 64.27
side N [adc counts]
side P [adc counts]

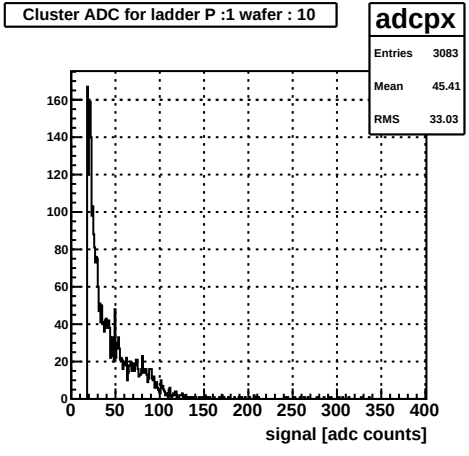

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 6888
Mean 31.28
RMS 29.48
signal [adc counts]

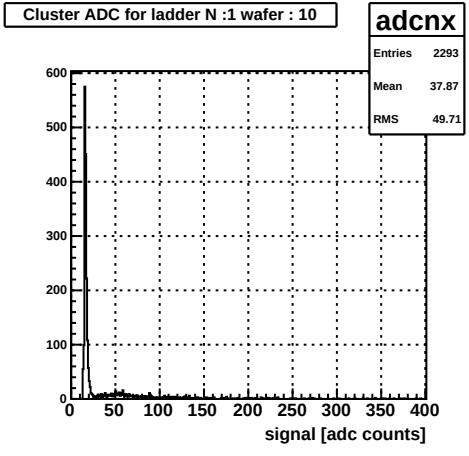

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 2054
Mean 43.07
RMS 50.2
signal [adc counts]

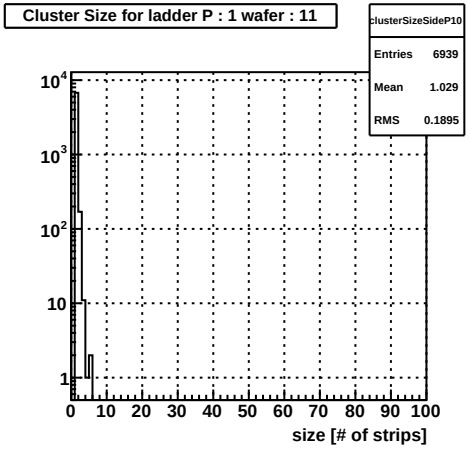

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 3083
Mean 1.075
RMS 0.3873
size [# of strips]

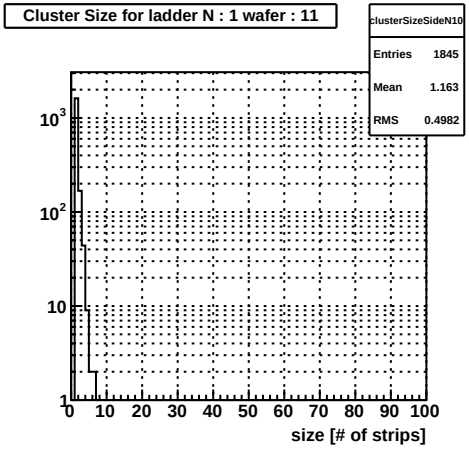

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 2293
Mean 1.235
RMS 0.6175
size [# of strips]

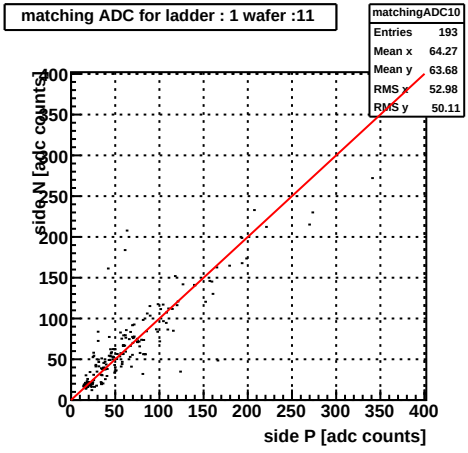

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 379
Mean x 90.61
Mean y 92.05
RMS x 64.47
RMS y 67.87
side N [adc counts]
side P [adc counts]

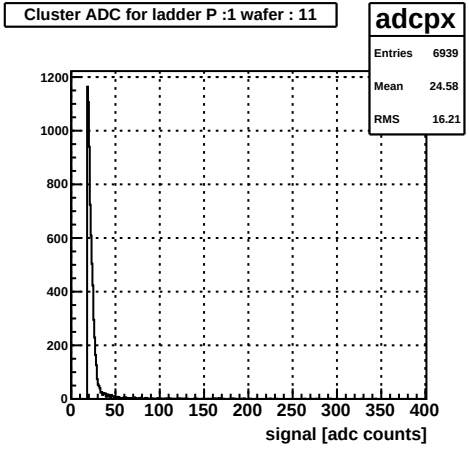

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 3083
Mean 45.41
RMS 33.03
signal [adc counts]

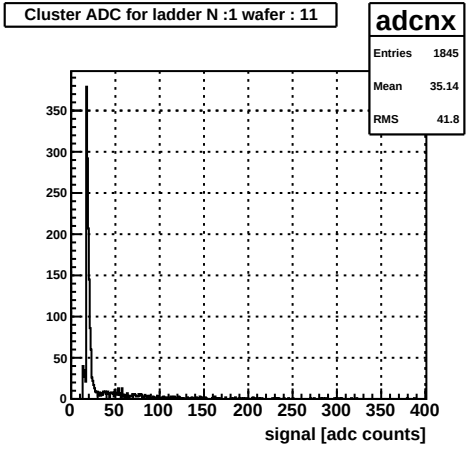

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 2293
Mean 37.87
RMS 49.71
signal [adc counts]

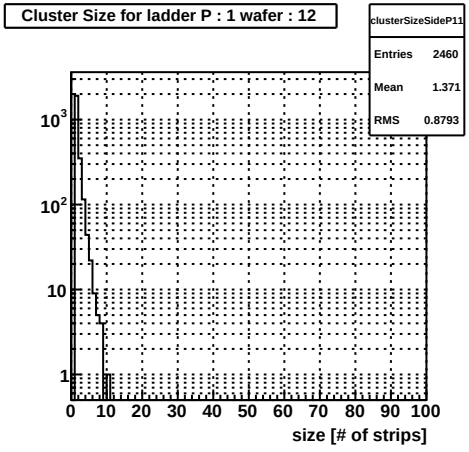

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 6939
Mean 1.029
RMS 0.1895
size [# of strips]

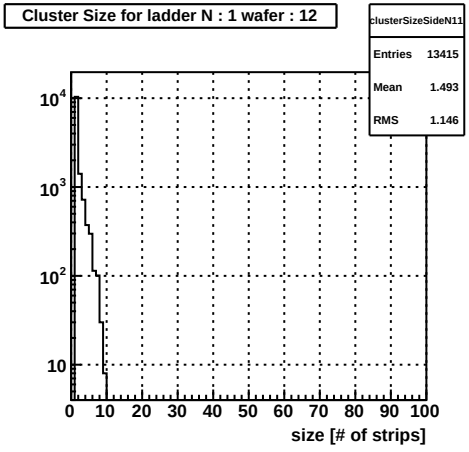

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 1845
Mean 1.163
RMS 0.4982
size [# of strips]

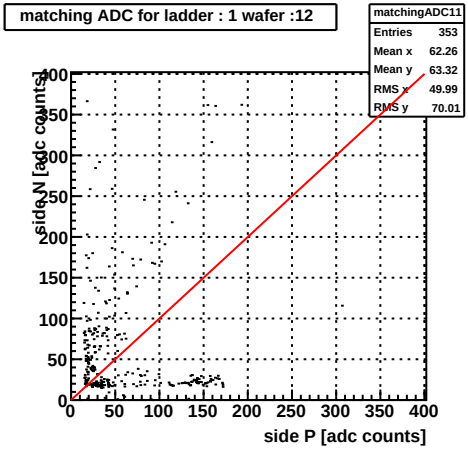

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 193
Mean x 64.27
Mean y 63.68
RMS x 52.98
RMS y 50.11
side N [adc counts]
side P [adc counts]

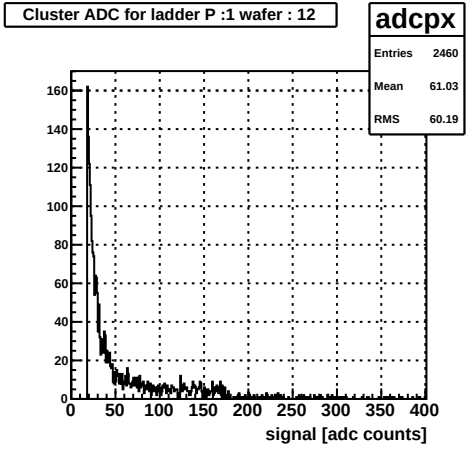

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 6939
Mean 24.58
RMS 16.21
signal [adc counts]

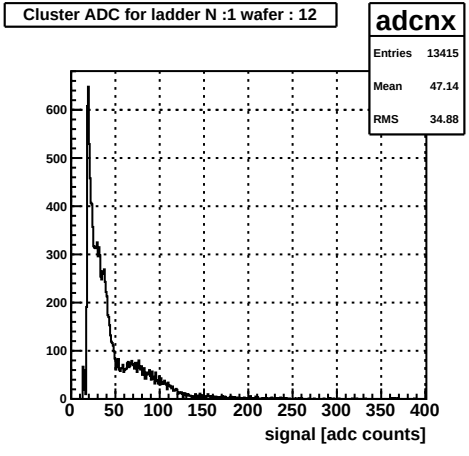

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 1845
Mean 35.14
RMS 41.8
signal [adc counts]

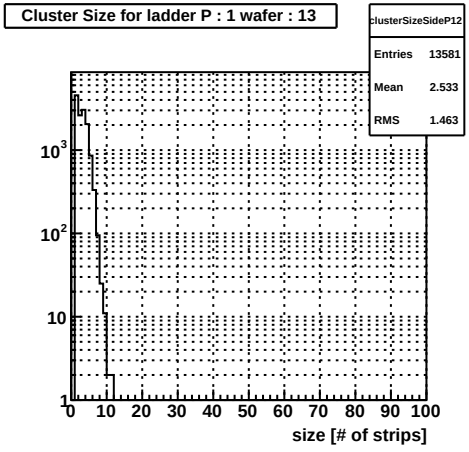

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2460
Mean 1.371
RMS 0.8793
size [# of strips]

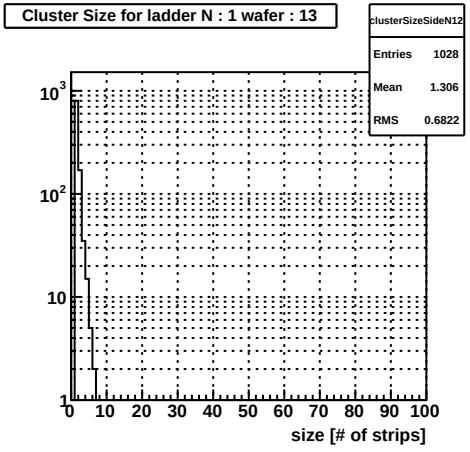

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 13415
Mean 1.493
RMS 1.146
size [# of strips]

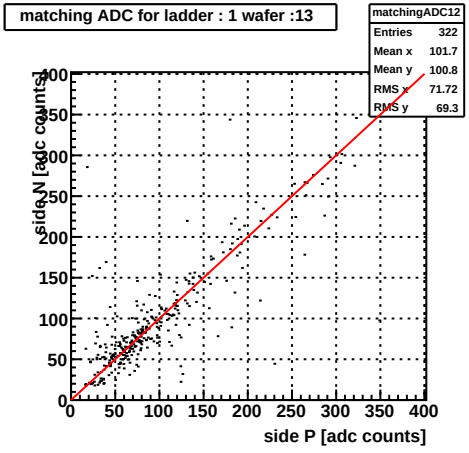

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 353
Mean x 62.26
Mean y 63.32
RMS x 49.99
RMS y 70.01
side N [adc counts]
side P [adc counts]

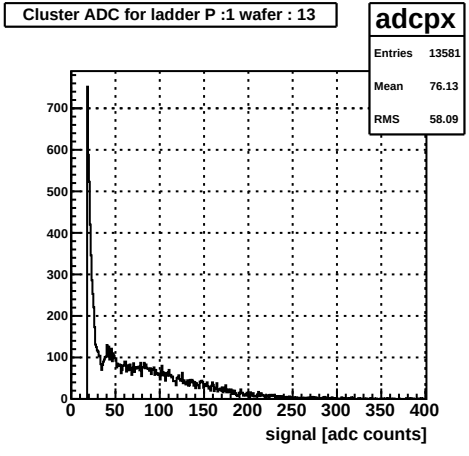

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2460
Mean 61.03
RMS 60.19
signal [adc counts]

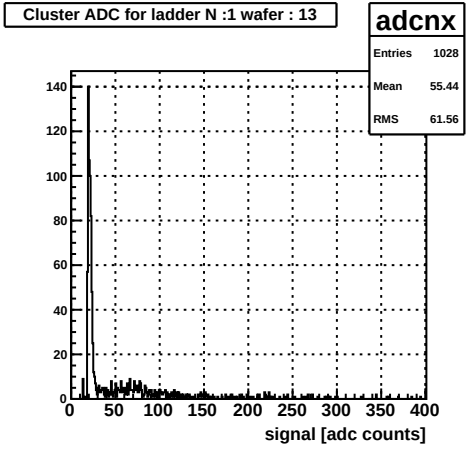

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 13415
Mean 47.14
RMS 34.88
signal [adc counts]

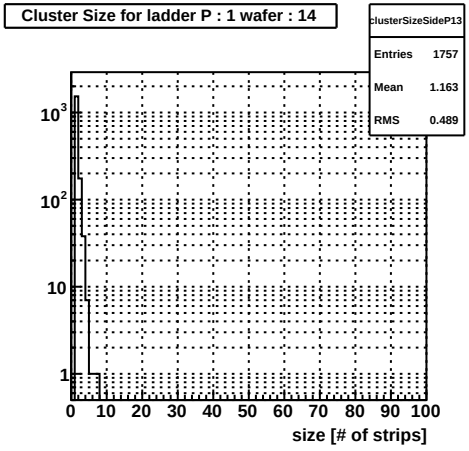

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 13581
Mean 2.533
RMS 1.463
size [# of strips]

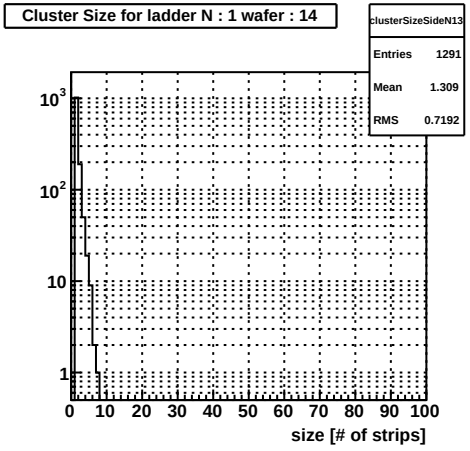

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1028
Mean 1.306
RMS 0.6822
size [# of strips]

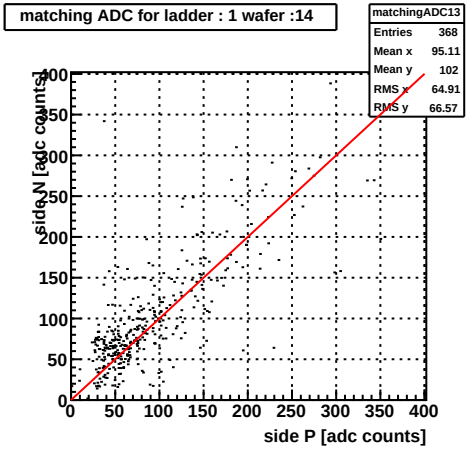

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 322
Mean x 101.7
Mean y 100.8
RMS x 71.72
RMS y 69.3
side N [adc counts]
side P [adc counts]

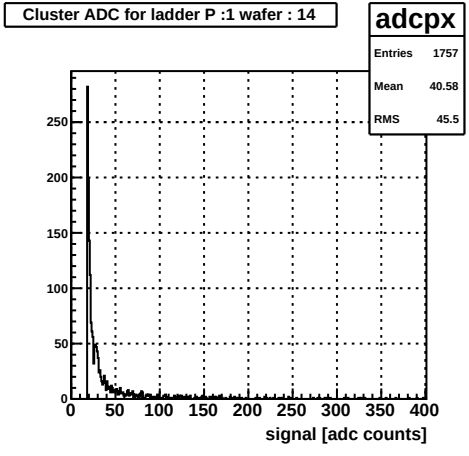

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 13581
Mean 76.13
RMS 58.09
signal [adc counts]

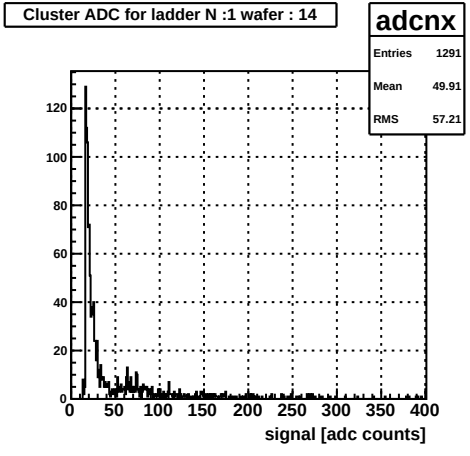

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1028
Mean 55.44
RMS 61.56
signal [adc counts]

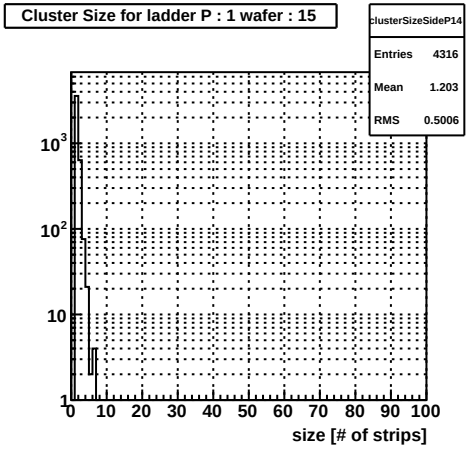

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 1757
Mean 1.163
RMS 0.489
size [# of strips]

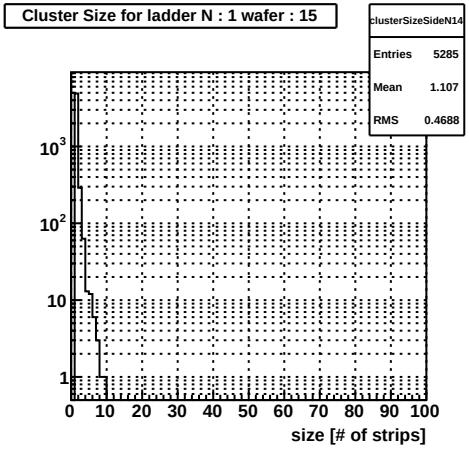

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 1291
Mean 1.309
RMS 0.7192
size [# of strips]

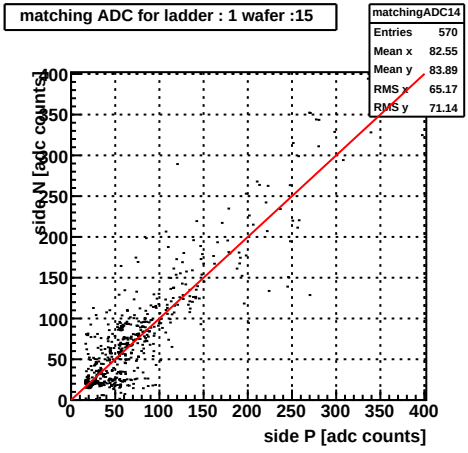

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 368
Mean x 95.11
Mean y 102
RMS x 64.91
RMS y 66.57
side N [adc counts]
side P [adc counts]

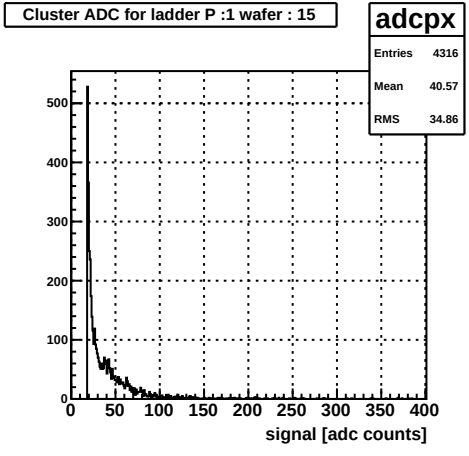

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 1757
Mean 40.58
RMS 45.5
signal [adc counts]

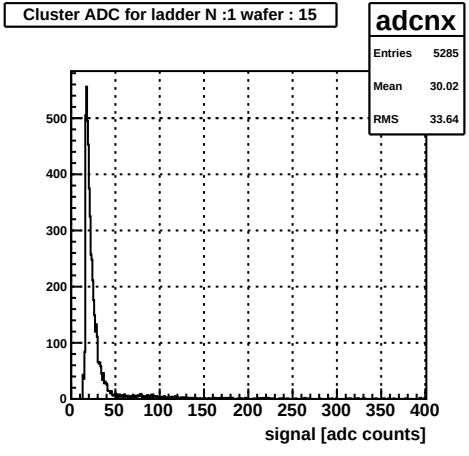

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 1291
Mean 49.91
RMS 57.21
signal [adc counts]

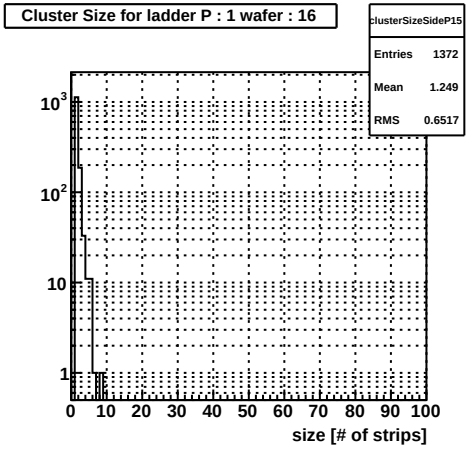

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 4316
Mean 1.203
RMS 0.5006
size [# of strips]

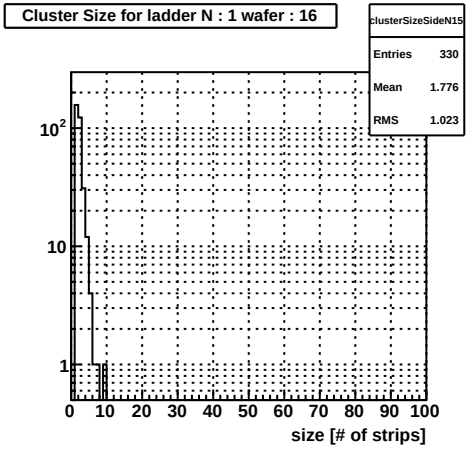

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 5285
Mean 1.107
RMS 0.4688
size [# of strips]

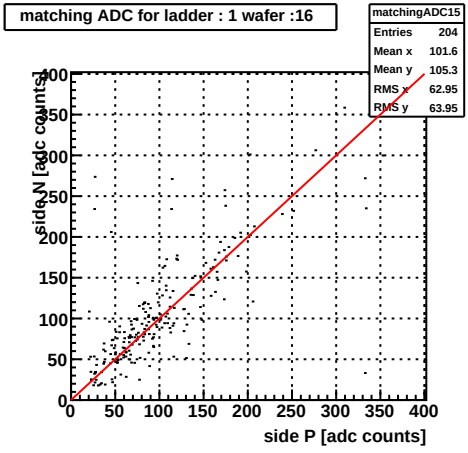

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 570
Mean x 82.55
Mean y 83.89
RMS x 65.17
RMS y 71.14
side N [adc counts]
side P [adc counts]

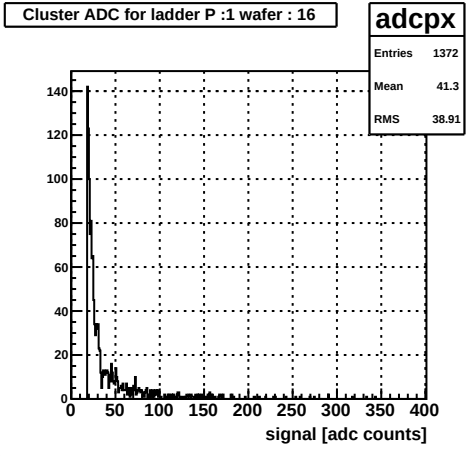

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 4316
Mean 40.57
RMS 34.86
signal [adc counts]

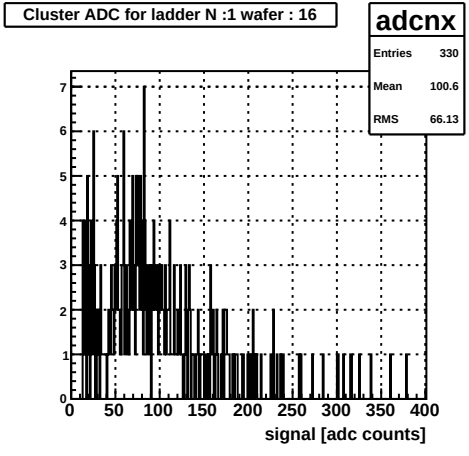

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 5285
Mean 30.02
RMS 33.64
signal [adc counts]

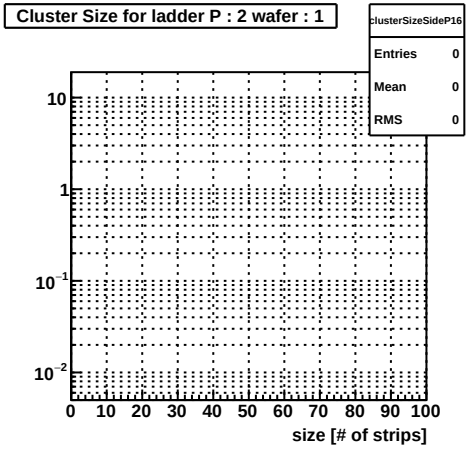

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 1372
Mean 1.249
RMS 0.6517
size [# of strips]

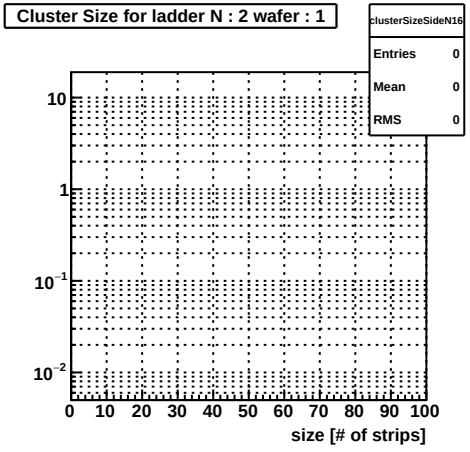

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 330
Mean 1.776
RMS 1.023
size [# of strips]

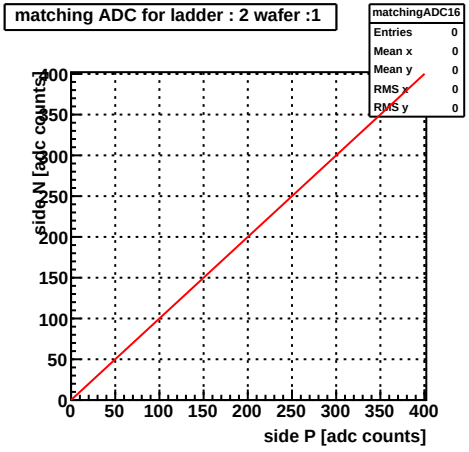

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 204
Mean x 101.6
Mean y 105.3
RMS x 62.95
RMS y 63.95
side N [adc counts]
side P [adc counts]

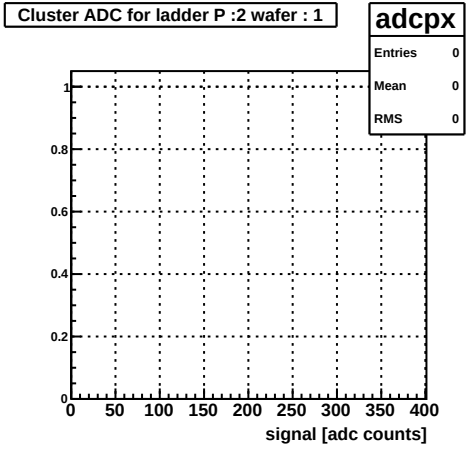

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 1372
Mean 41.3
RMS 38.91
signal [adc counts]

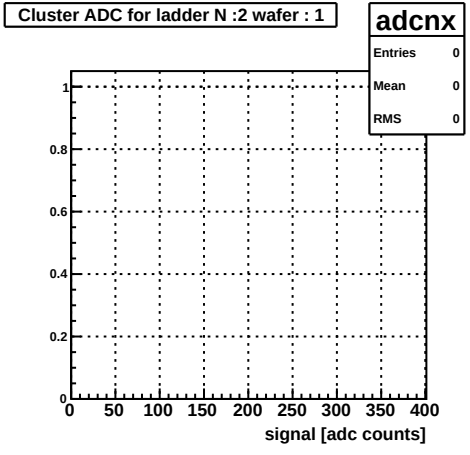

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 330
Mean 100.6
RMS 66.13
signal [adc counts]

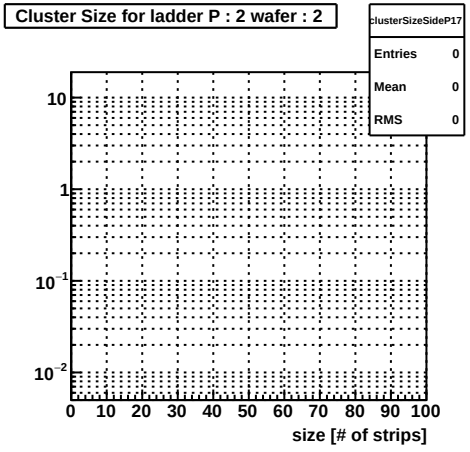

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

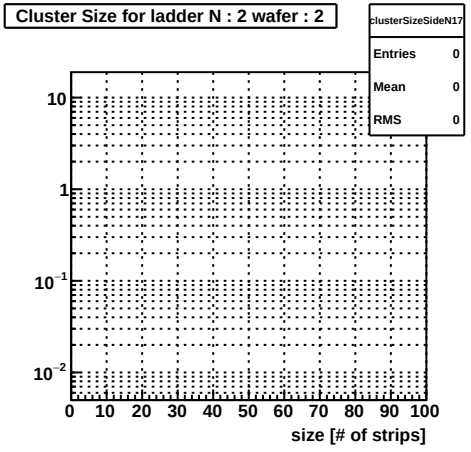

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

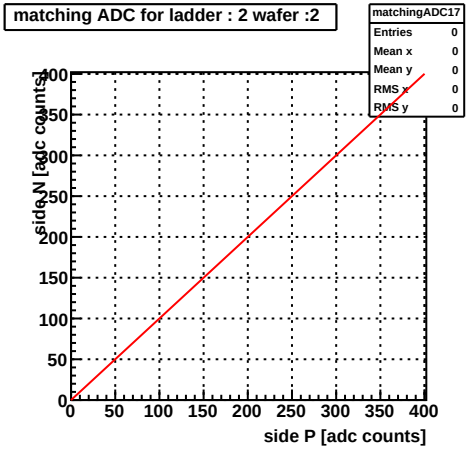

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

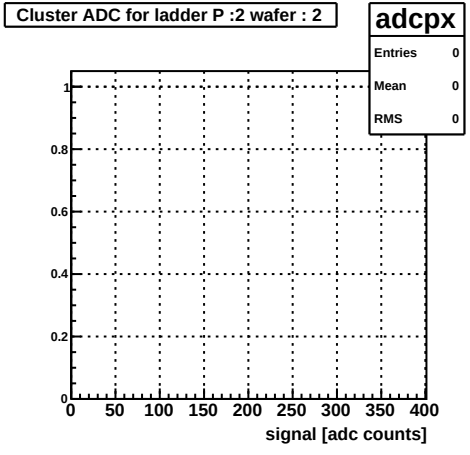

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

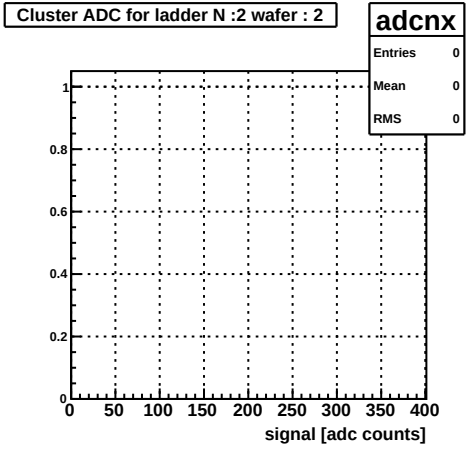

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

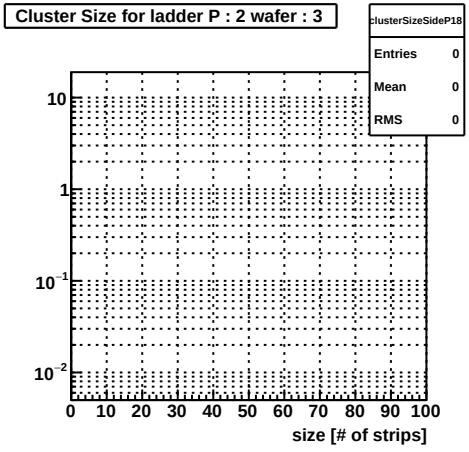

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

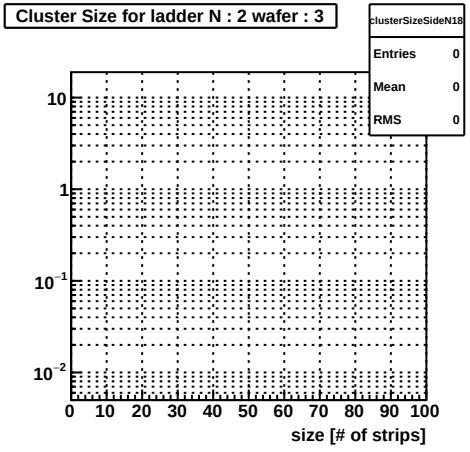

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

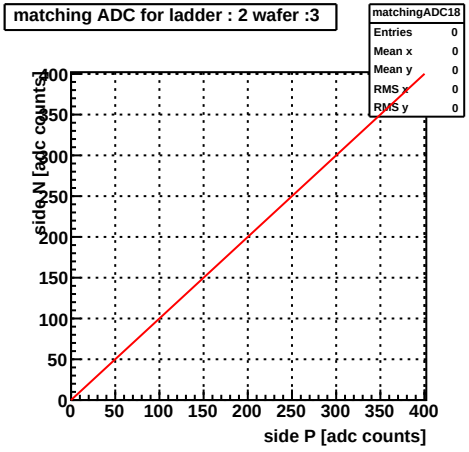

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

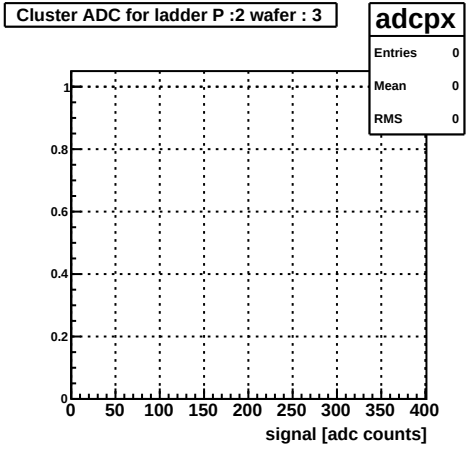

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

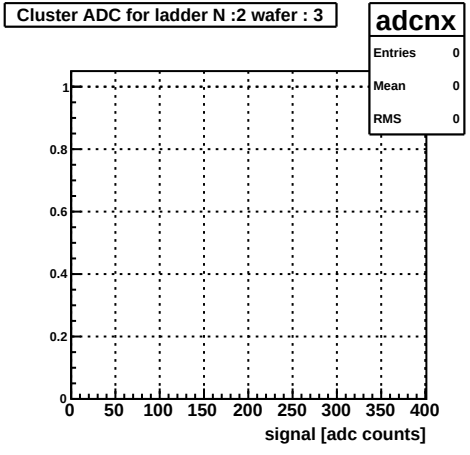

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

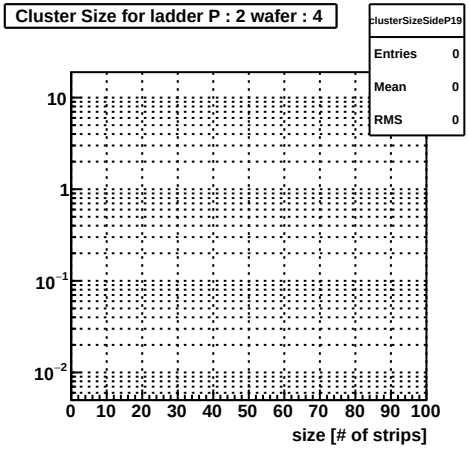

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

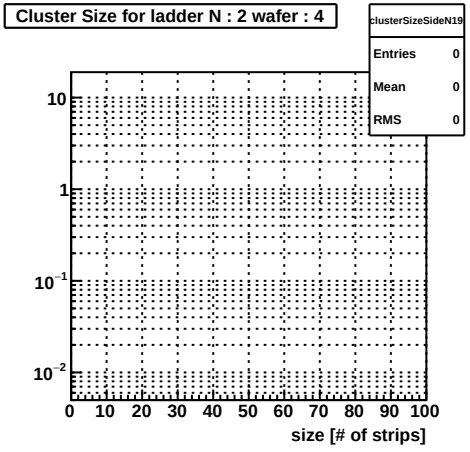

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

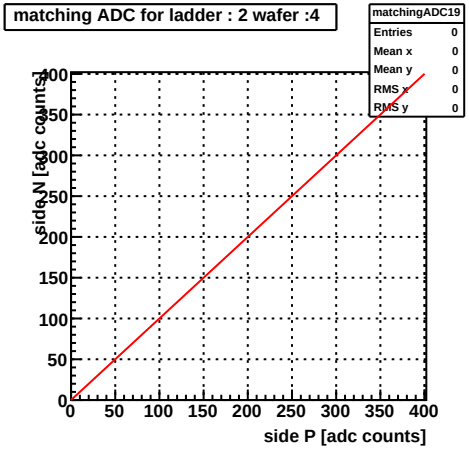

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

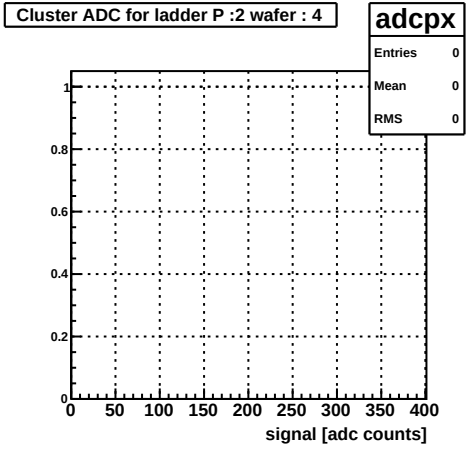

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

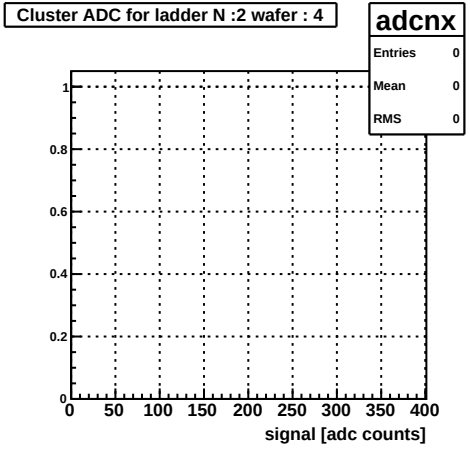

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

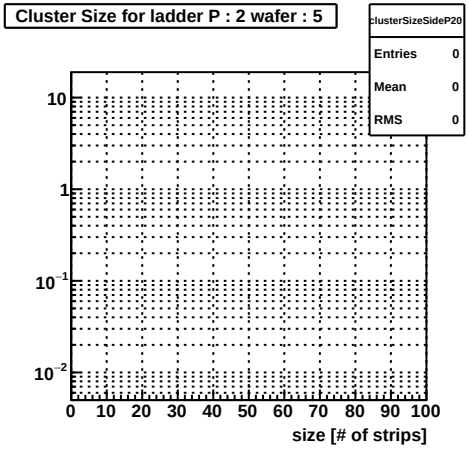

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

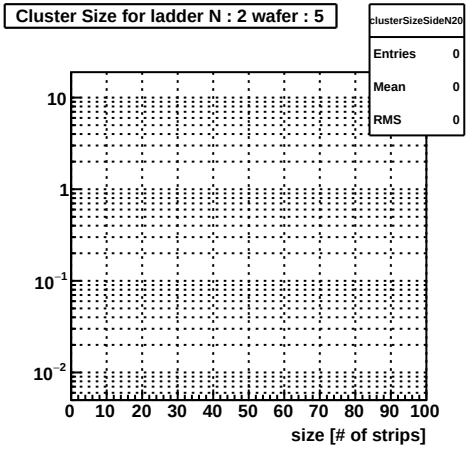

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

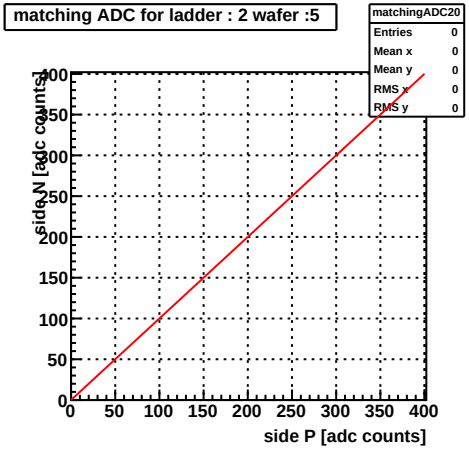

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

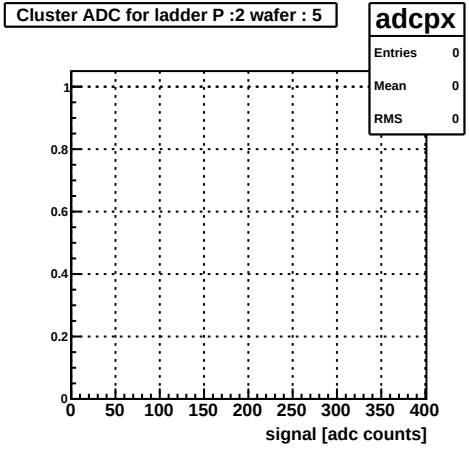

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

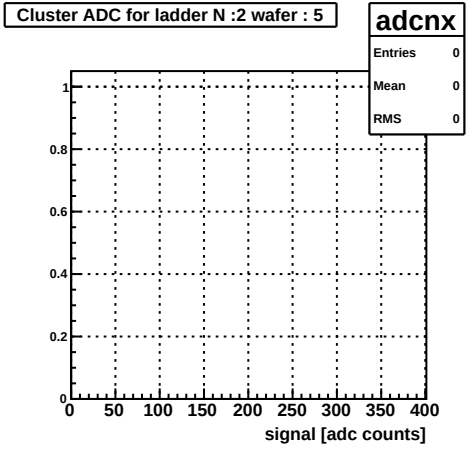

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

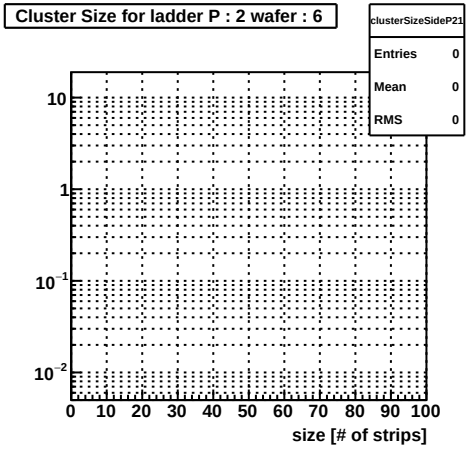

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

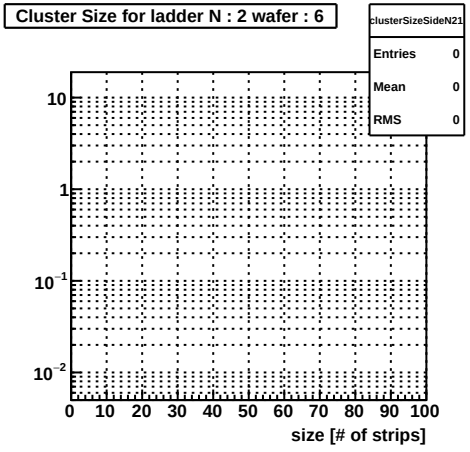

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

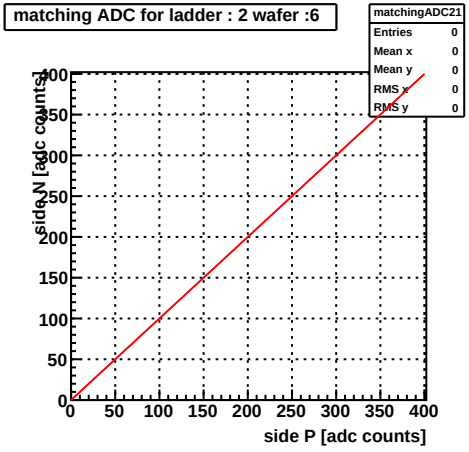

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

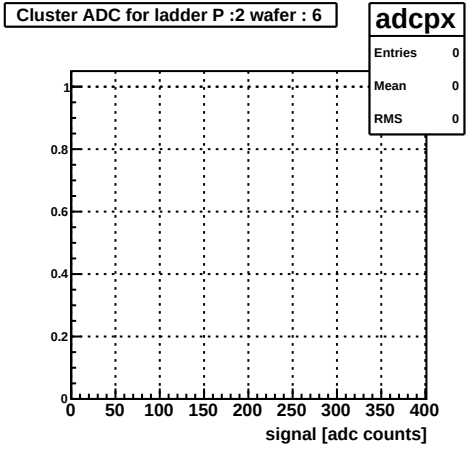

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

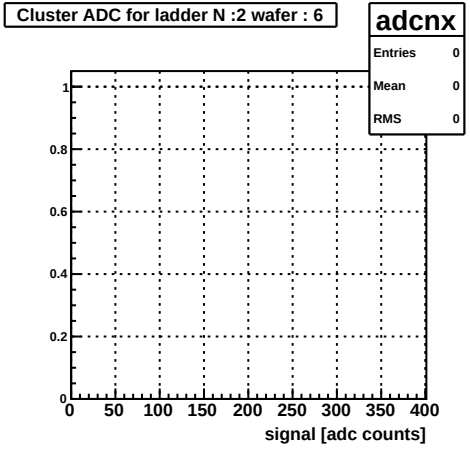

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

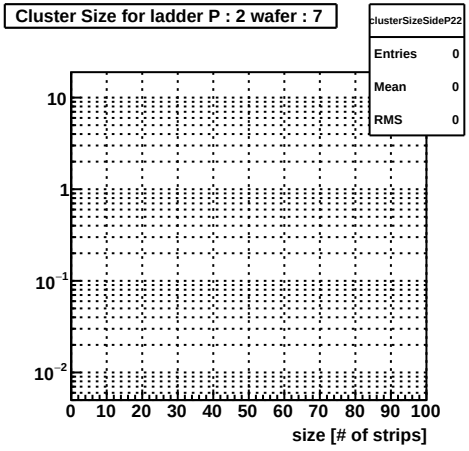

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

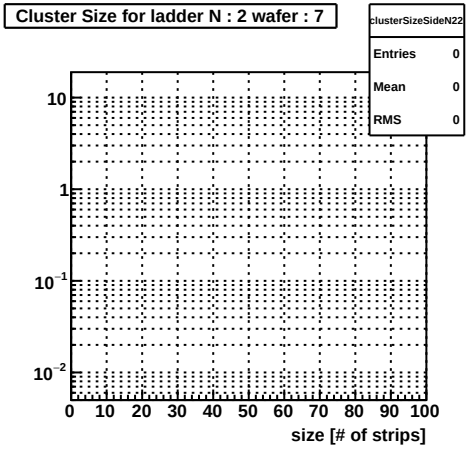

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

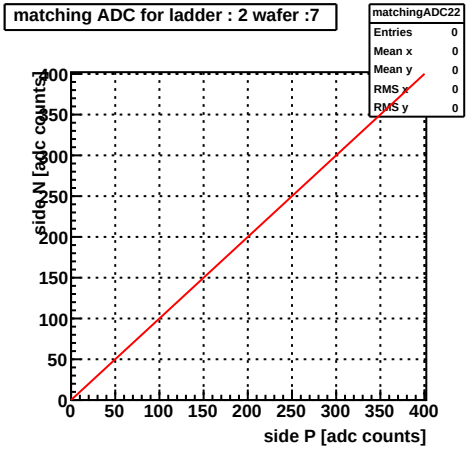

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

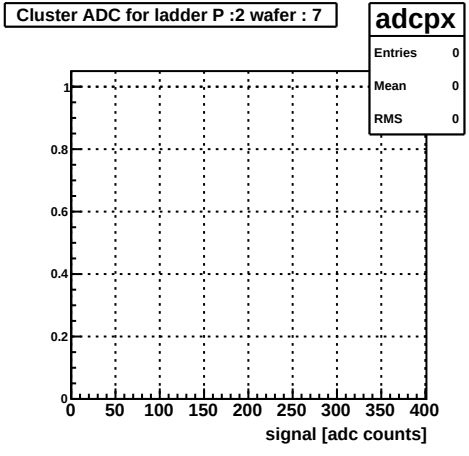

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

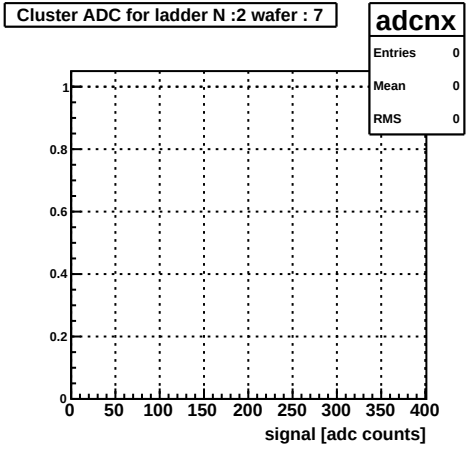

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

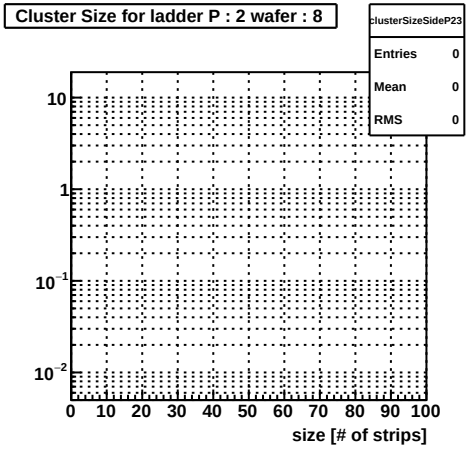

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

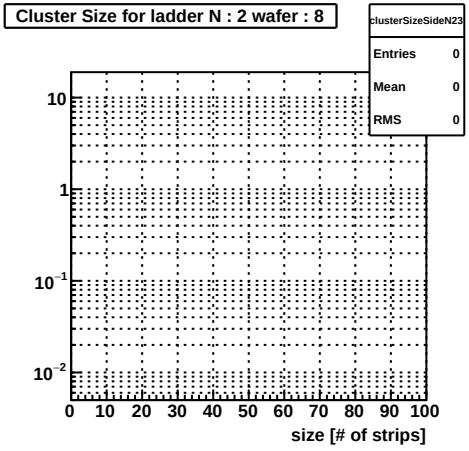

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

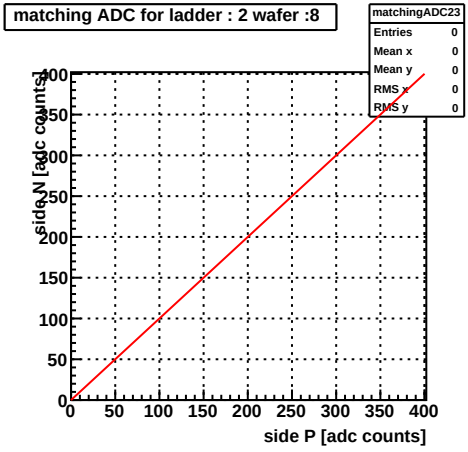

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

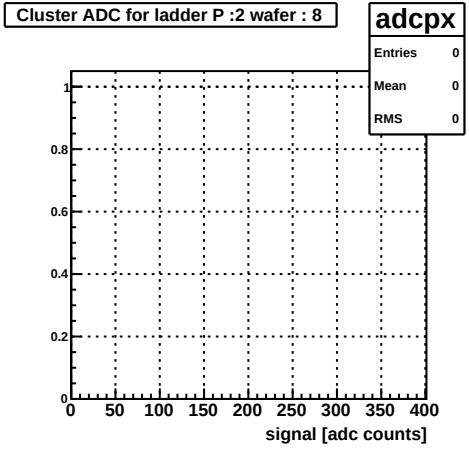

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

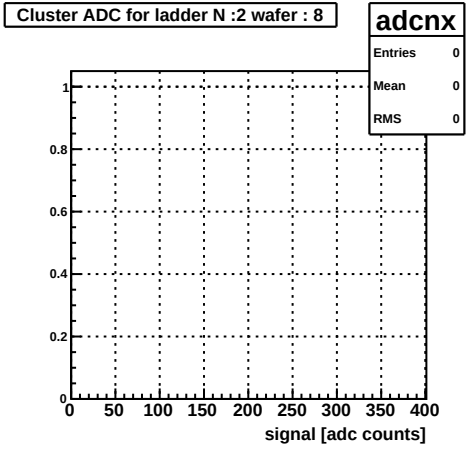

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

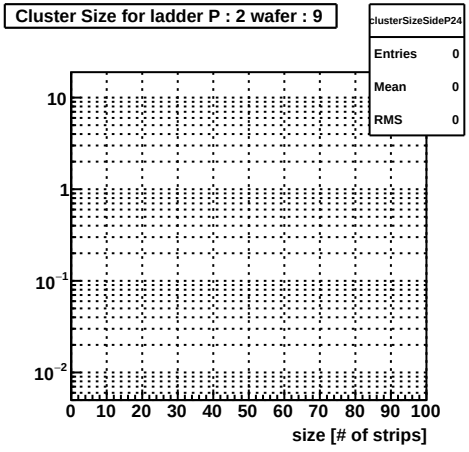

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

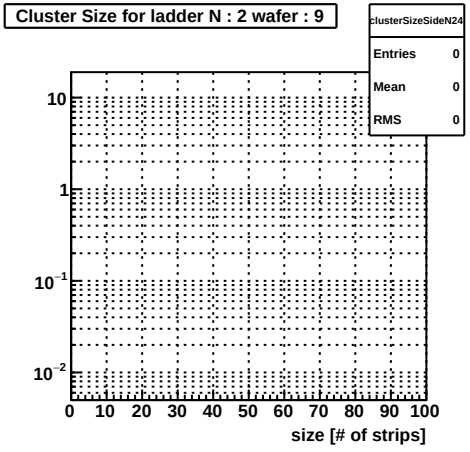

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

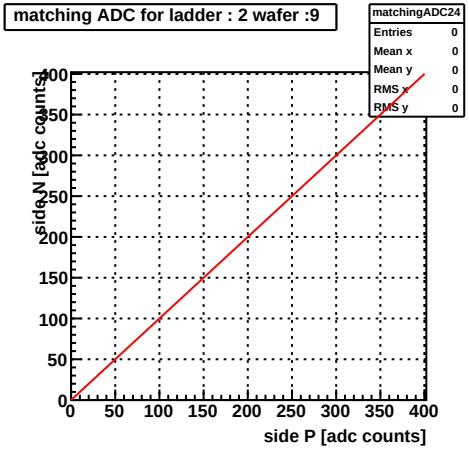

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

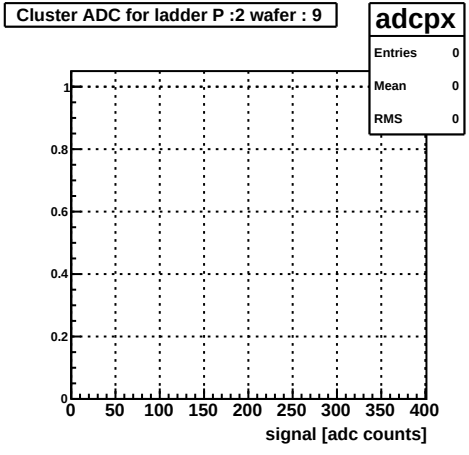

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

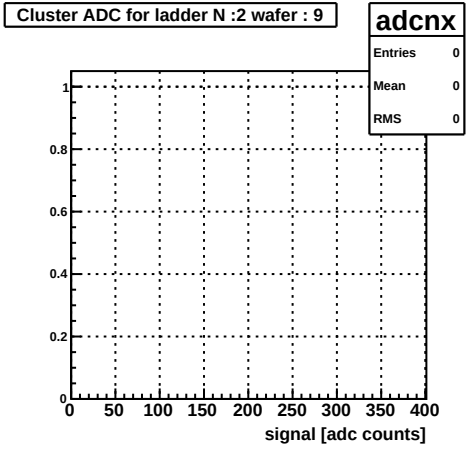

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

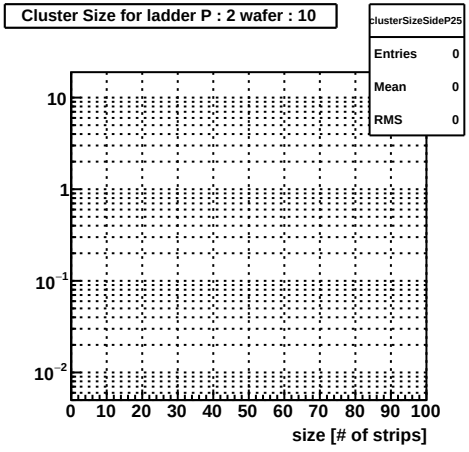

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

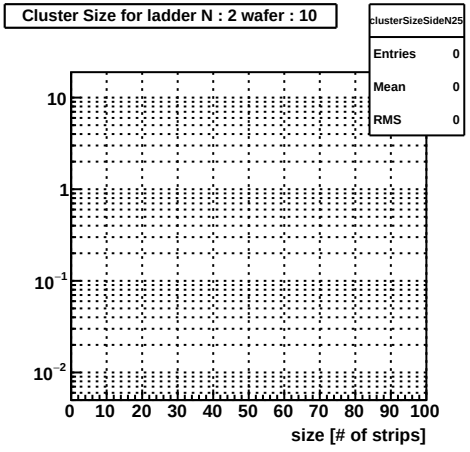

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

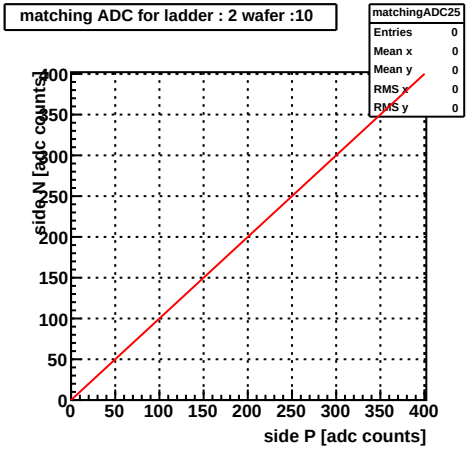

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

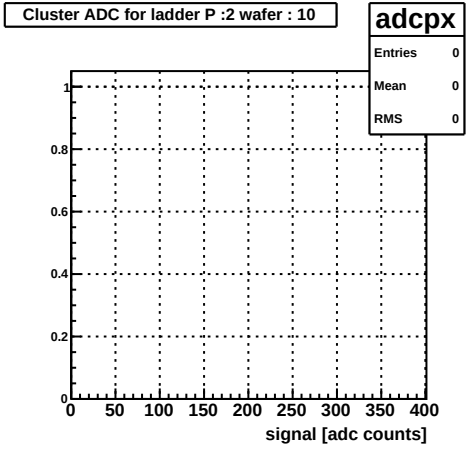

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

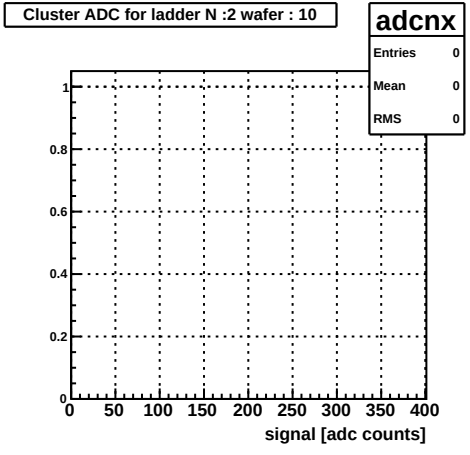

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

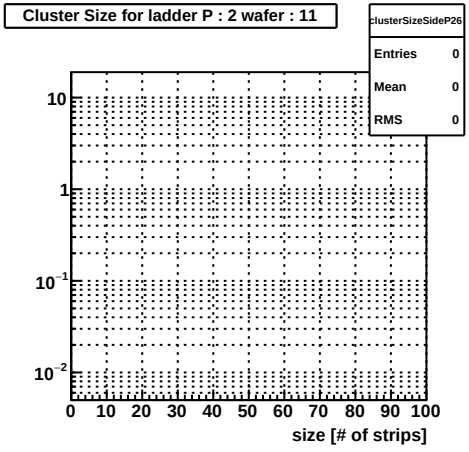

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

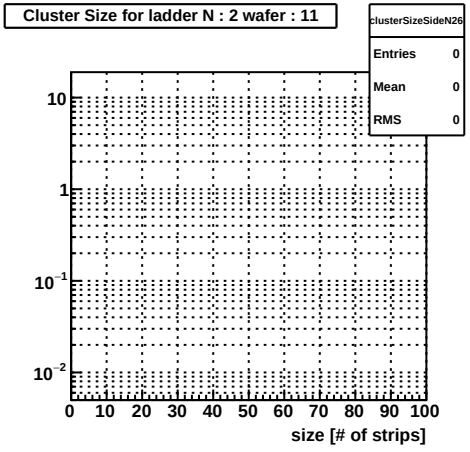

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

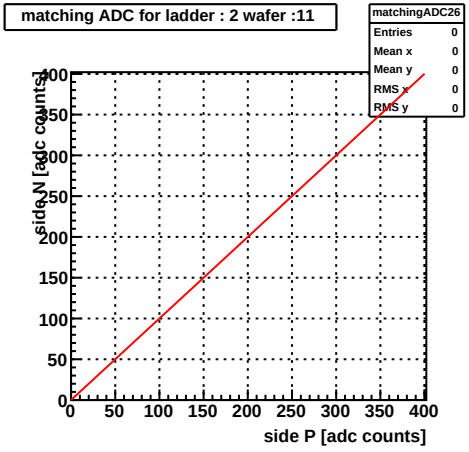

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

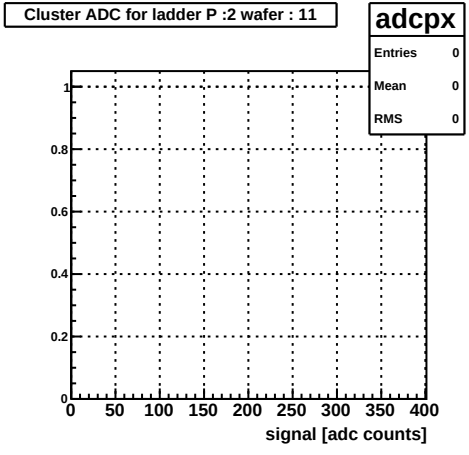

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

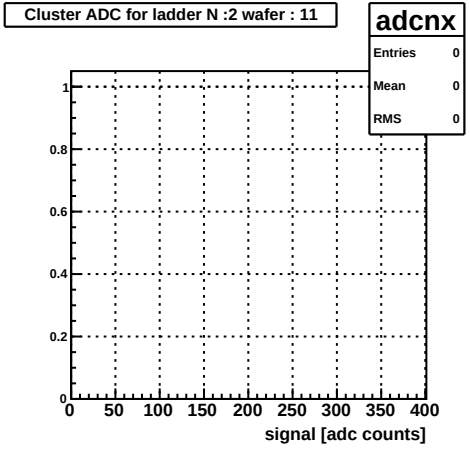

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

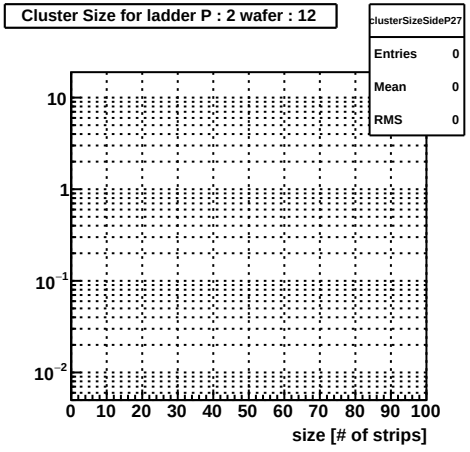

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

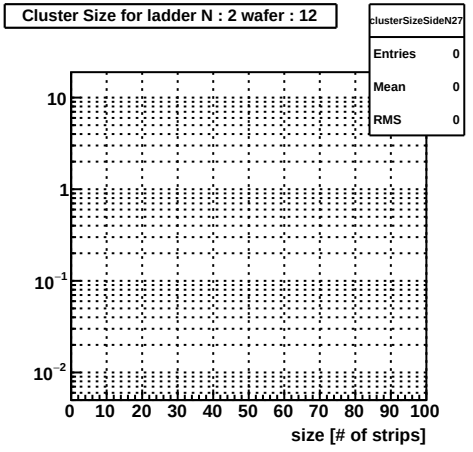

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

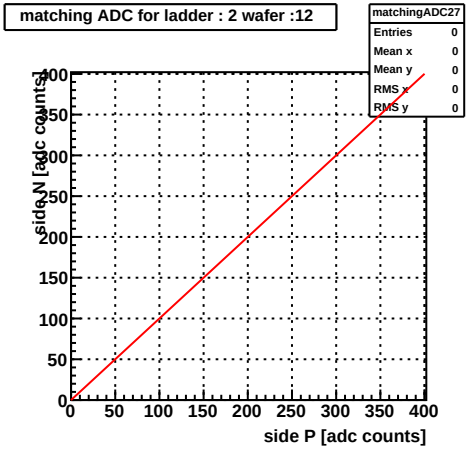

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

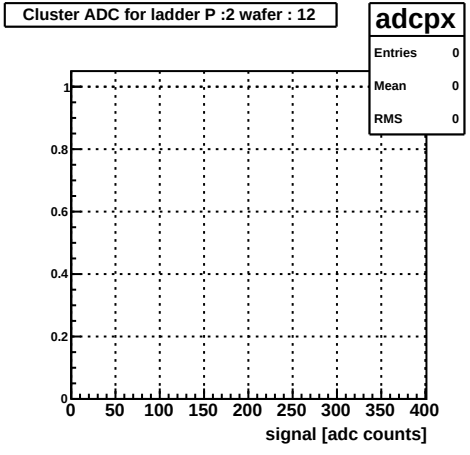

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

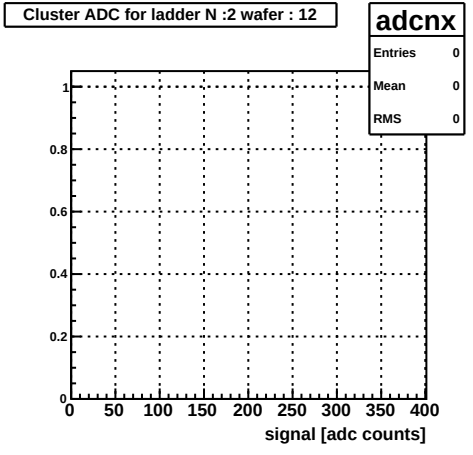

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

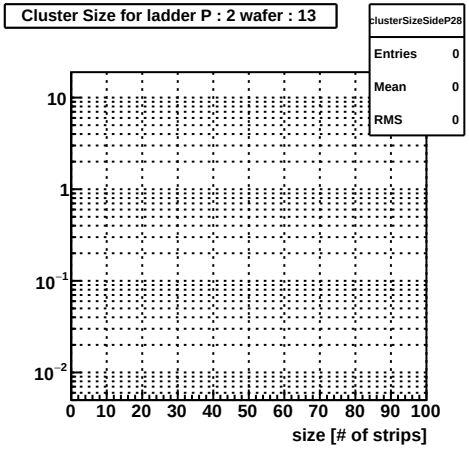

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

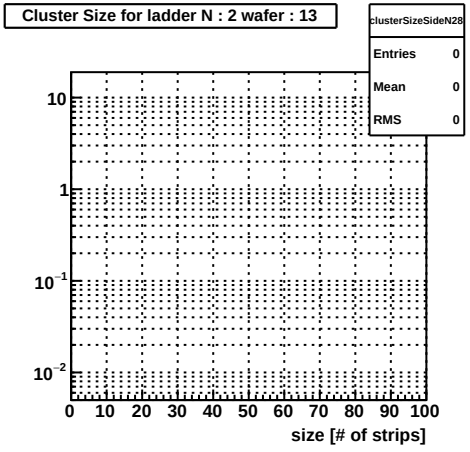

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

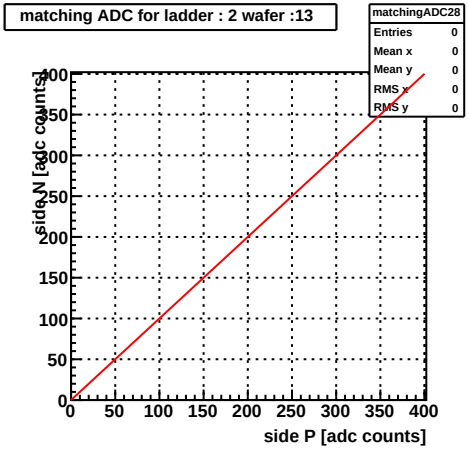

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

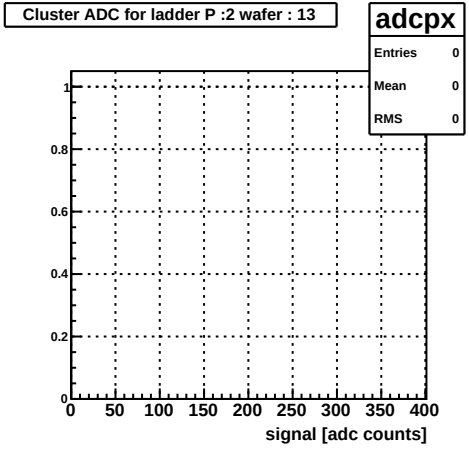

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

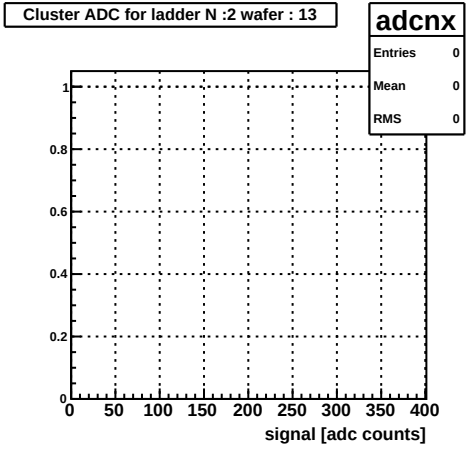

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

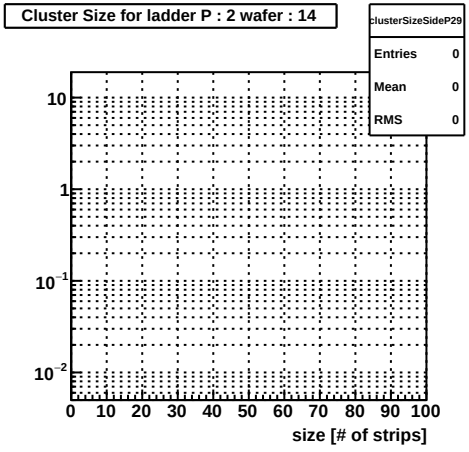

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

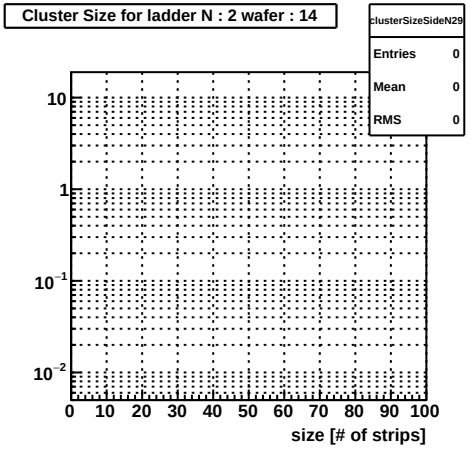

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

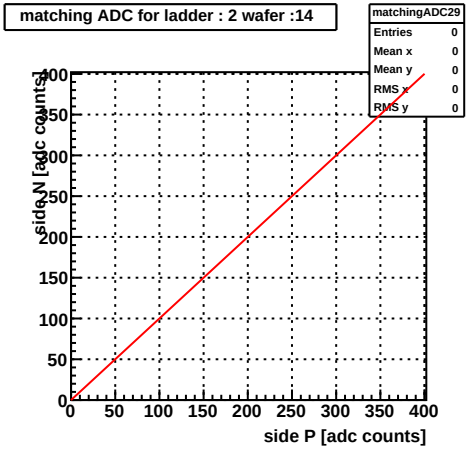

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

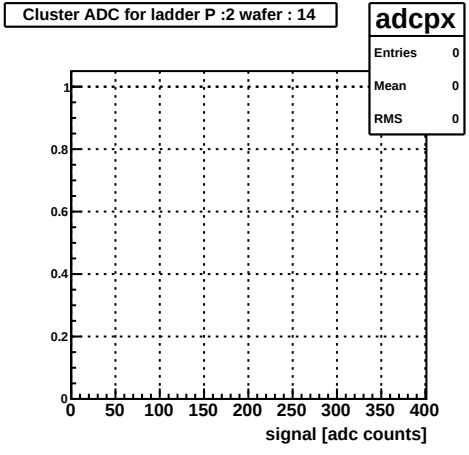

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

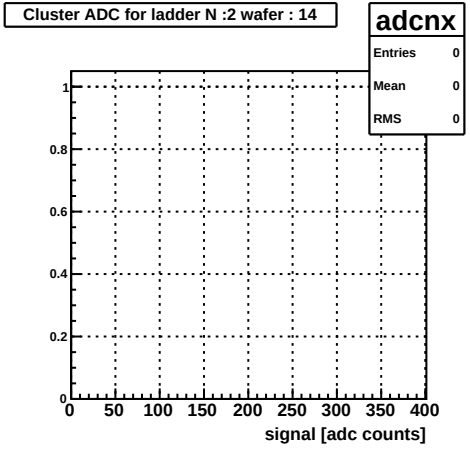

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

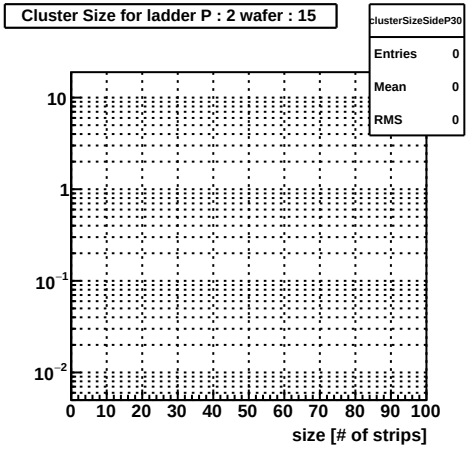

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

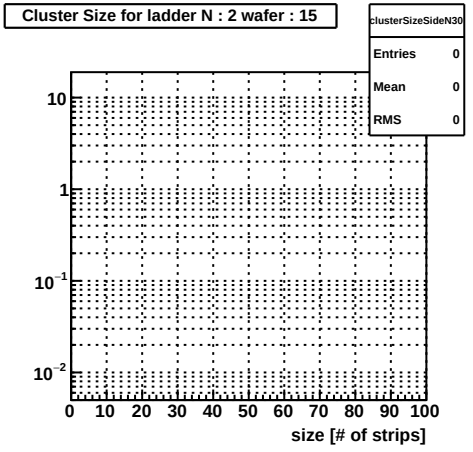

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

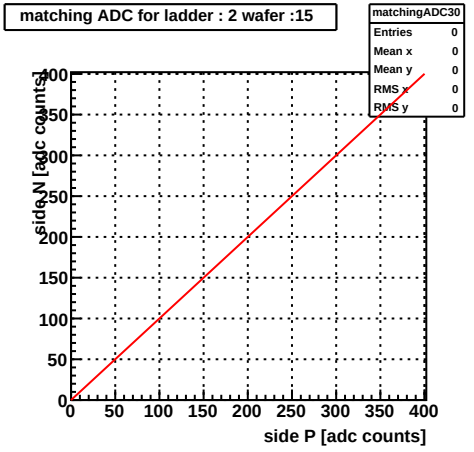

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

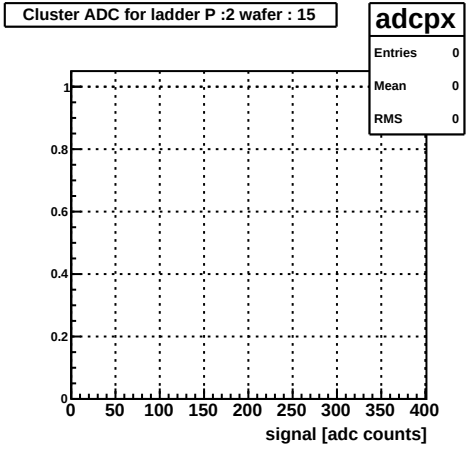

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

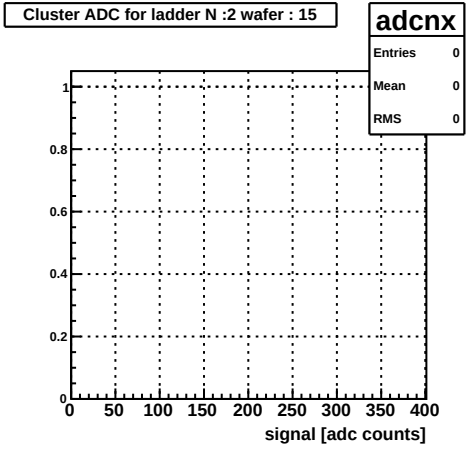

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

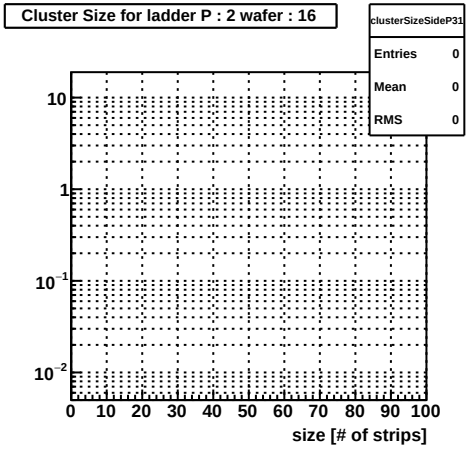

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

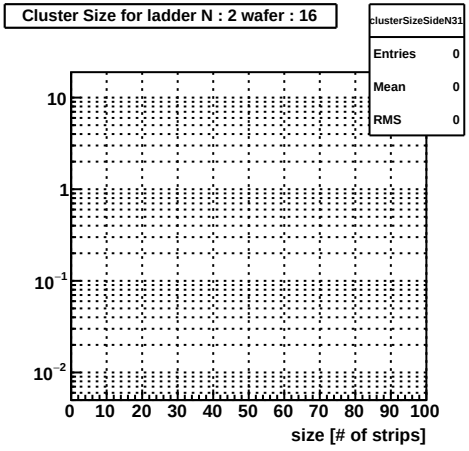

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

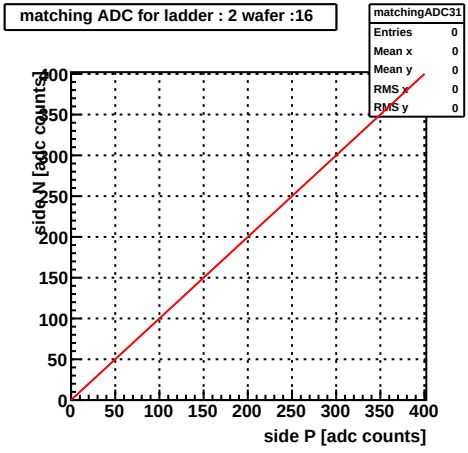

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

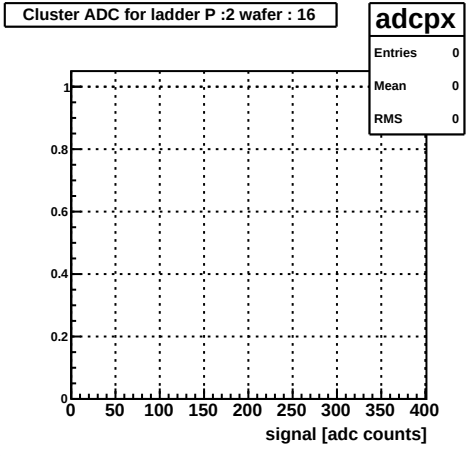

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

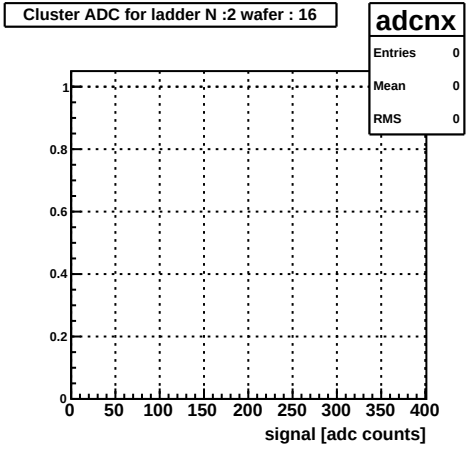

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

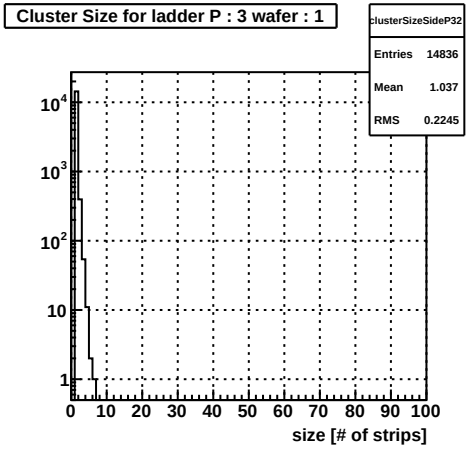

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

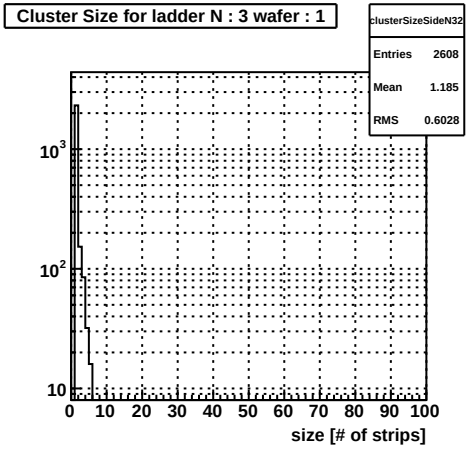

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

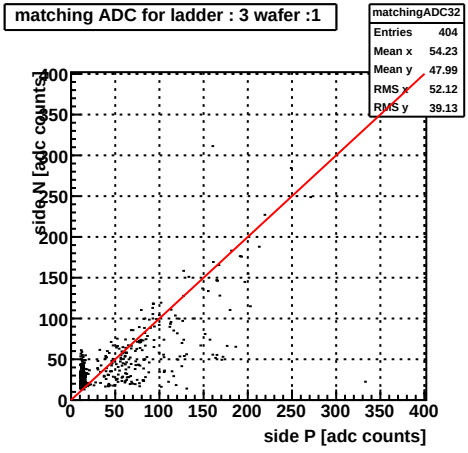

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

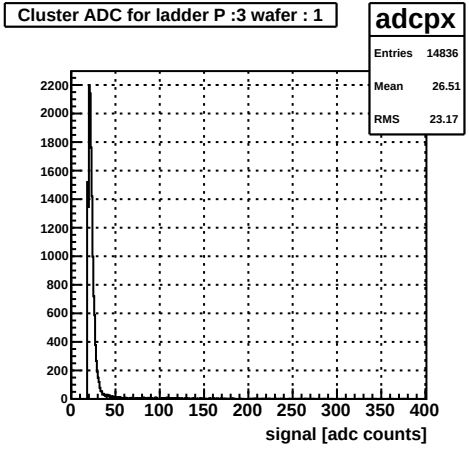

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

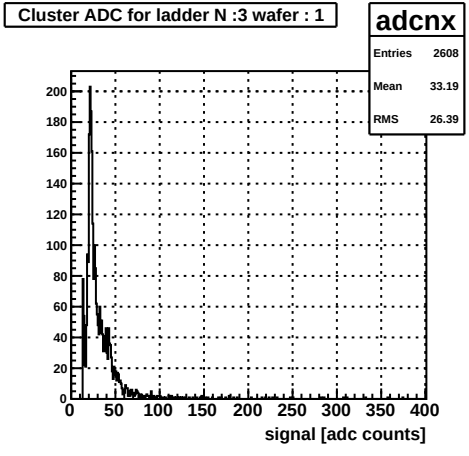

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

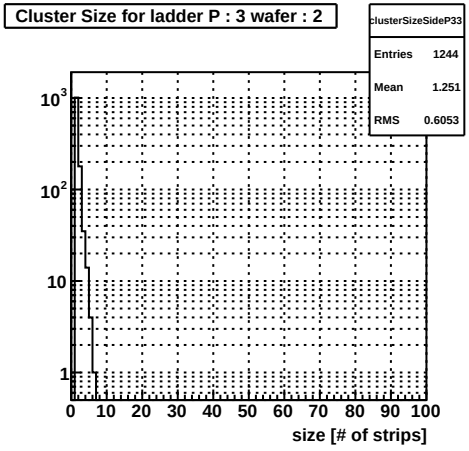

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 14836
Mean 1.037
RMS 0.2245
size [# of strips]

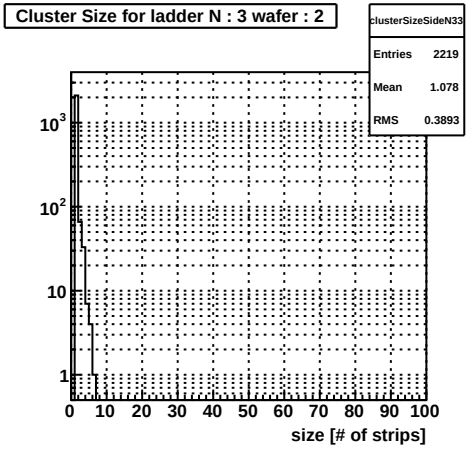

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 2608
Mean 1.185
RMS 0.6028
size [# of strips]

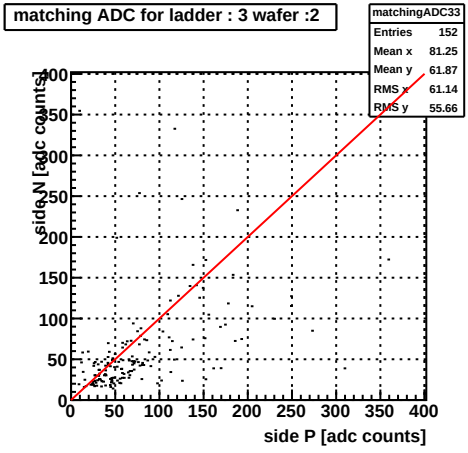

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 404
Mean x 54.23
Mean y 47.99
RMS x 52.12
RMS y 39.13
side N [adc counts]
side P [adc counts]

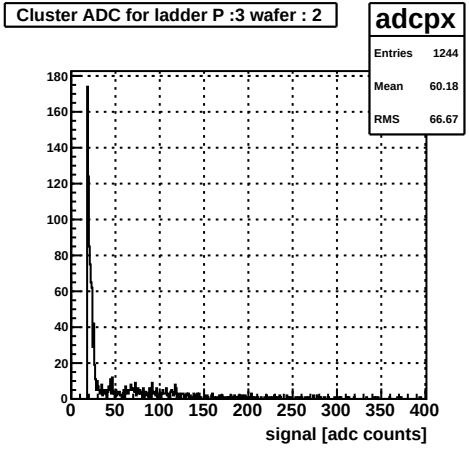

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 14836
Mean 26.51
RMS 23.17
signal [adc counts]

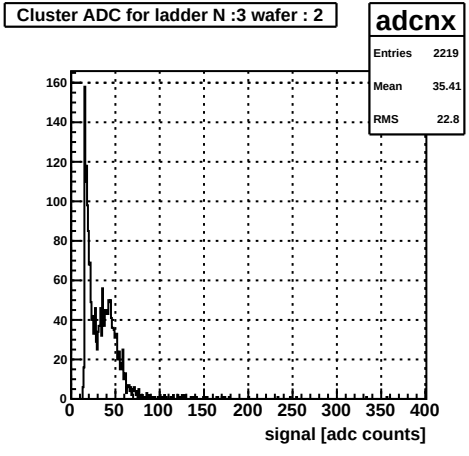

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 2608
Mean 33.19
RMS 26.39
signal [adc counts]

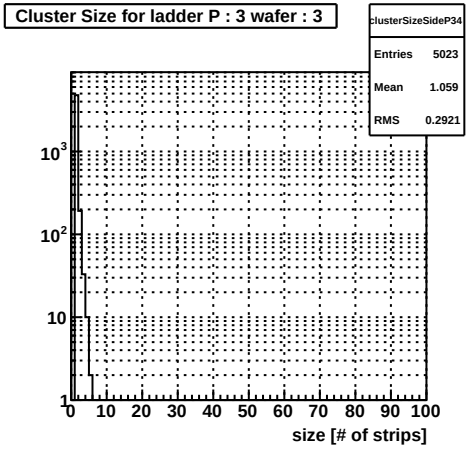

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 1244
Mean 1.251
RMS 0.6053
size [# of strips]

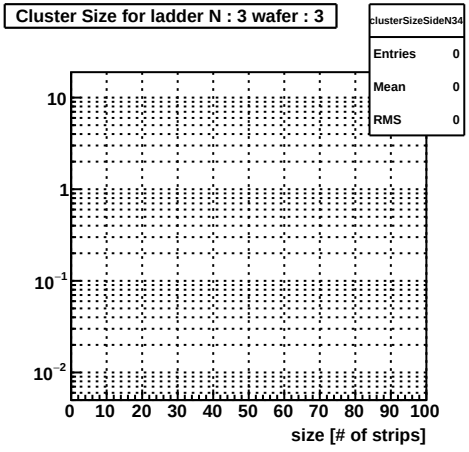

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 2219
Mean 1.078
RMS 0.3893
size [# of strips]

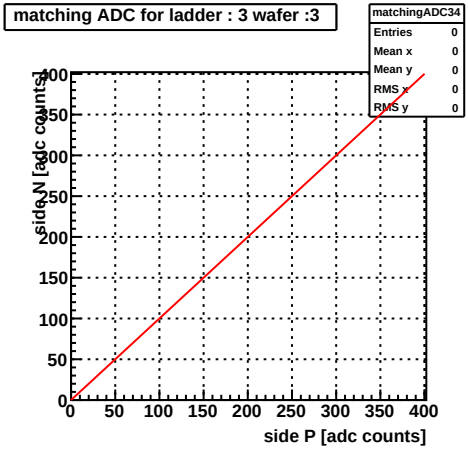

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 152
Mean x 81.25
Mean y 61.87
RMS x 61.14
RMS y 55.66
side N [adc counts]
side P [adc counts]

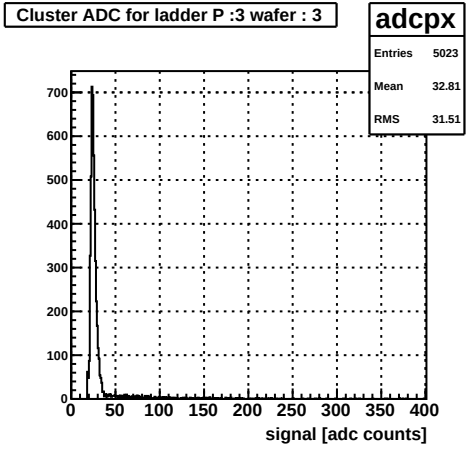

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 1244
Mean 60.18
RMS 66.67
signal [adc counts]

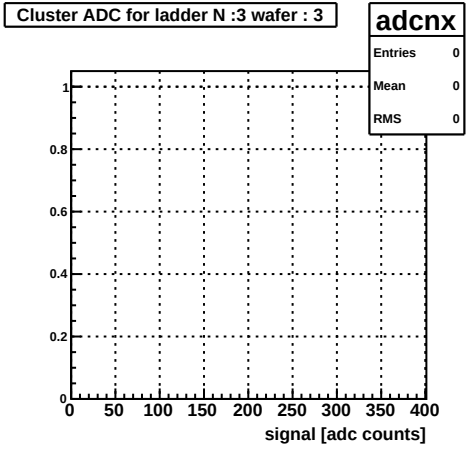

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 2219
Mean 35.41
RMS 22.8
signal [adc counts]

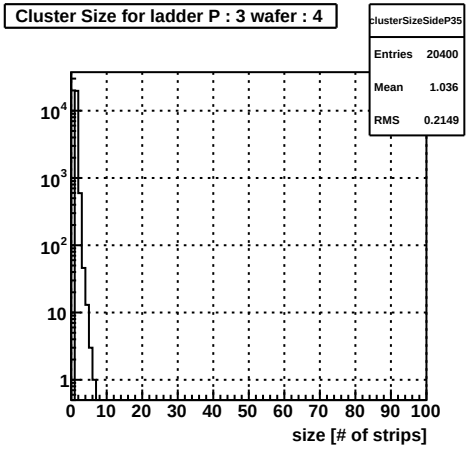

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 5023
Mean 1.059
RMS 0.2921
size [# of strips]

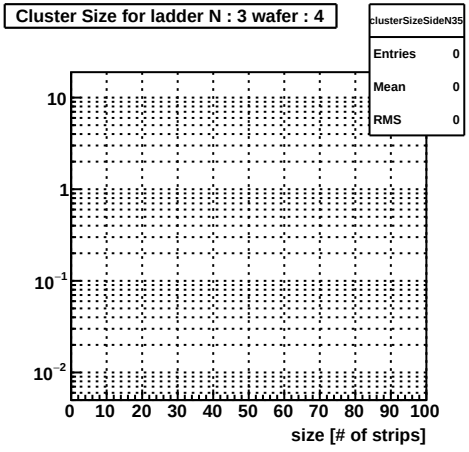

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

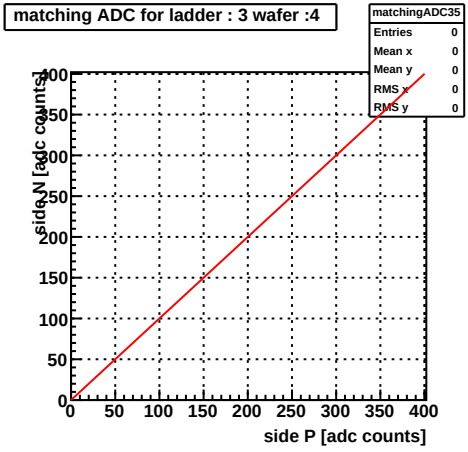

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

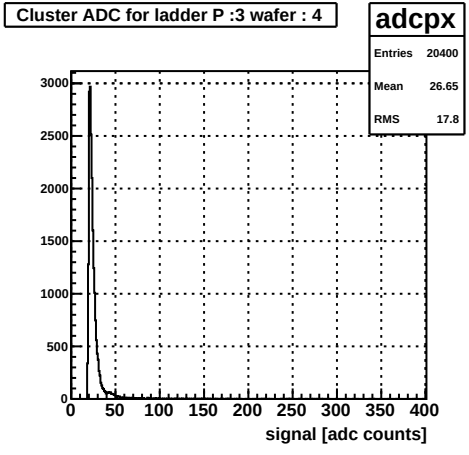

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 5023
Mean 32.81
RMS 31.51
signal [adc counts]

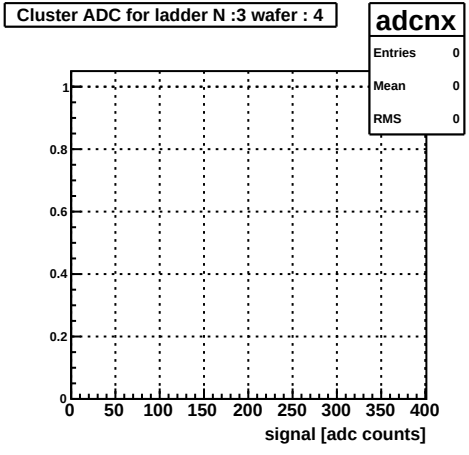

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

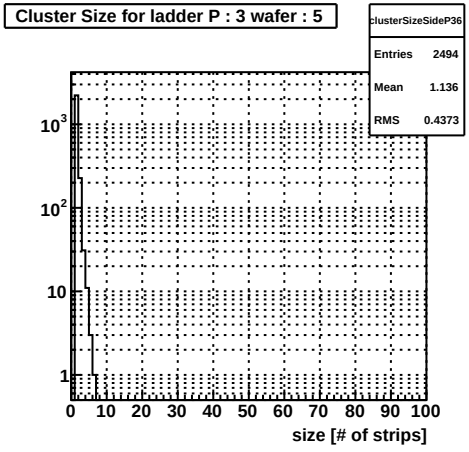

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 20400
Mean 1.036
RMS 0.2149
size [# of strips]

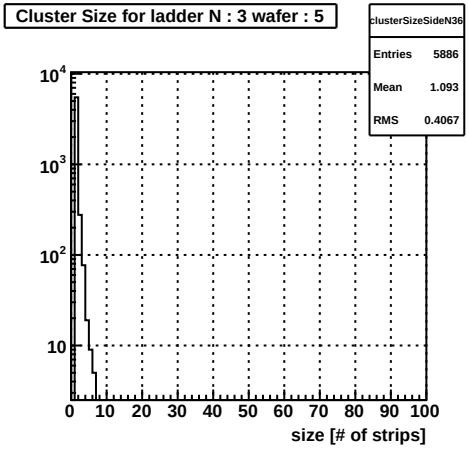

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

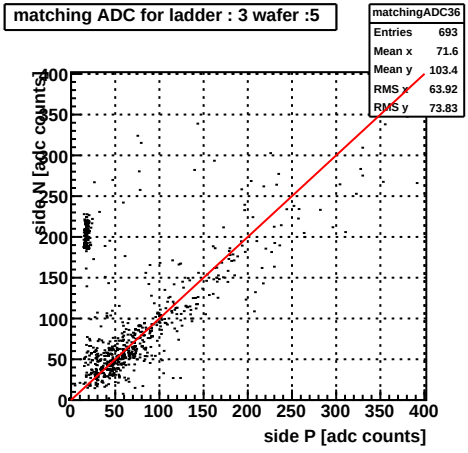

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

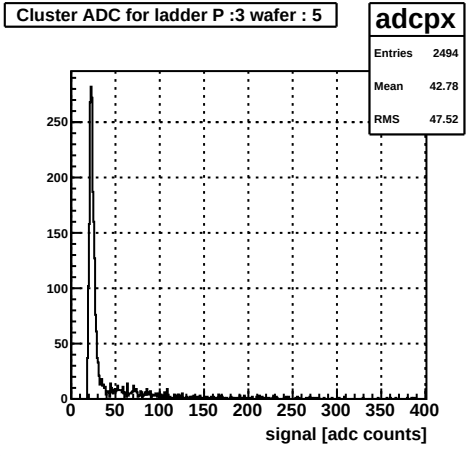

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 20400
Mean 26.65
RMS 17.8
signal [adc counts]

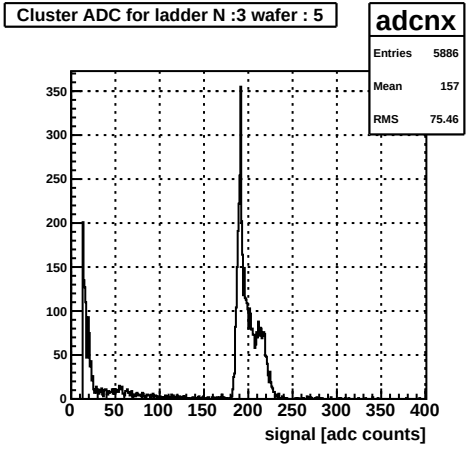

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

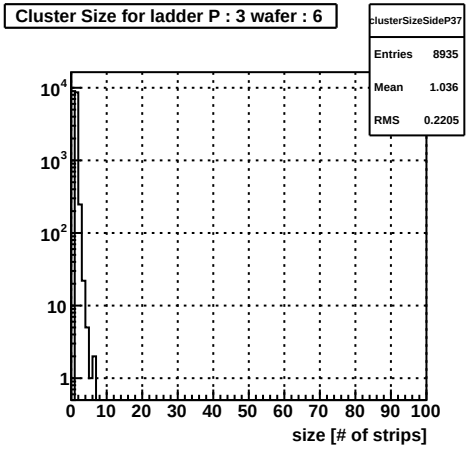

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 2494
Mean 1.136
RMS 0.4373
size [# of strips]

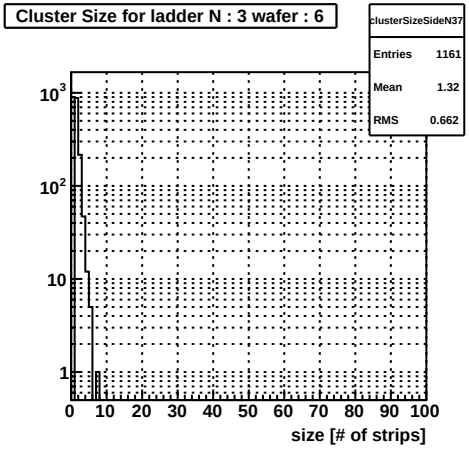

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 5886
Mean 1.093
RMS 0.4067
size [# of strips]

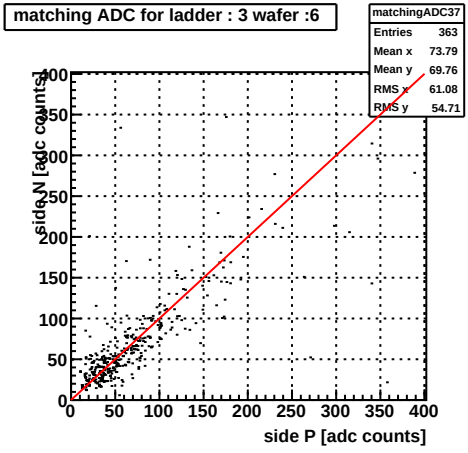

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 693
Mean x 71.6
Mean y 103.4
RMS x 63.92
RMS y 73.83
side N [adc counts]
side P [adc counts]

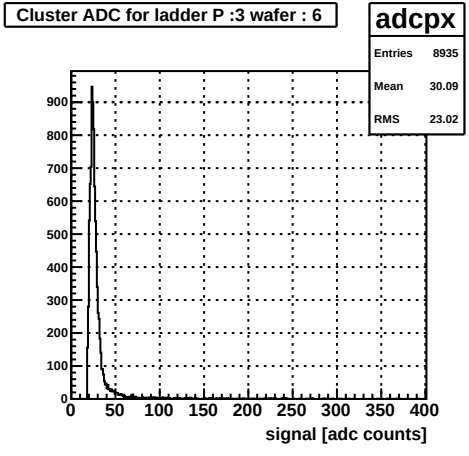

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 2494
Mean 42.78
RMS 47.52
signal [adc counts]

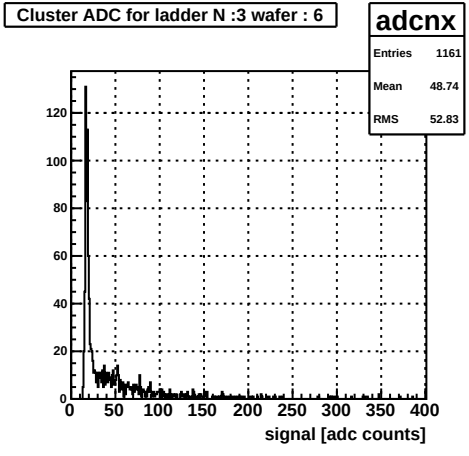

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 5886
Mean 157
RMS 75.46
signal [adc counts]

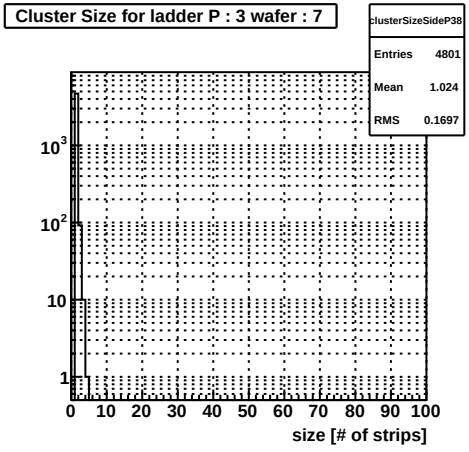

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 8935
Mean 1.036
RMS 0.2205
size [# of strips]

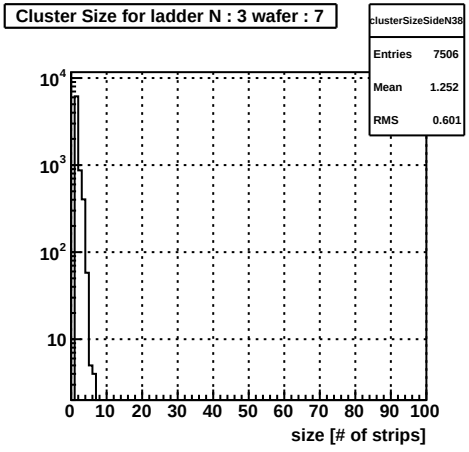

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 1161
Mean 1.32
RMS 0.662
size [# of strips]

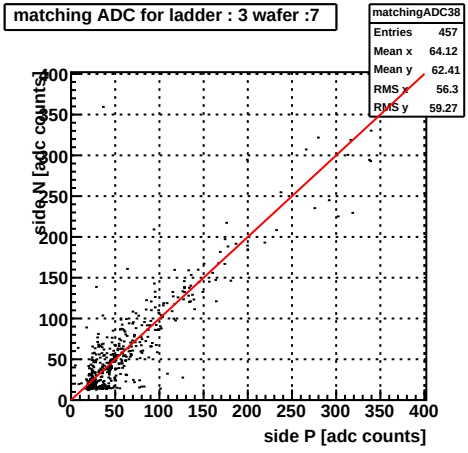

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 363
Mean x 73.79
Mean y 69.76
RMS x 61.08
RMS y 54.71
side N [adc counts]
side P [adc counts]

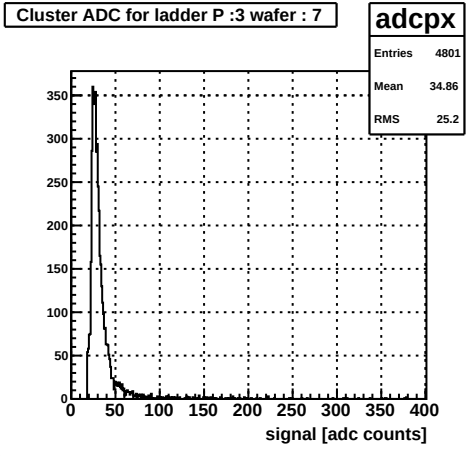

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 8935
Mean 30.09
RMS 23.02
signal [adc counts]

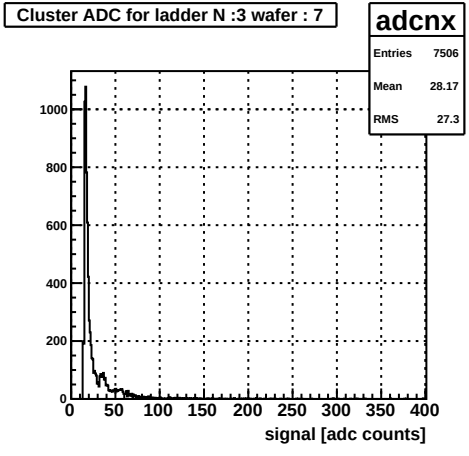

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 1161
Mean 48.74
RMS 52.83
signal [adc counts]

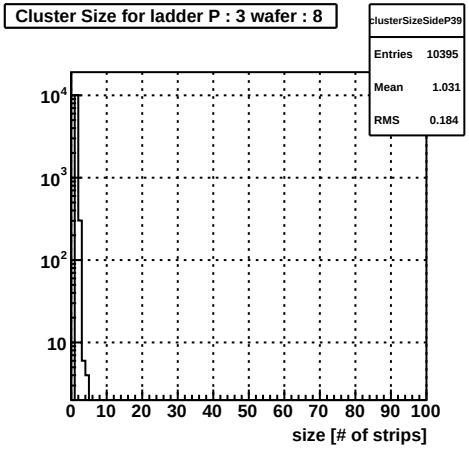

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 4801
Mean 1.024
RMS 0.1697
size [# of strips]

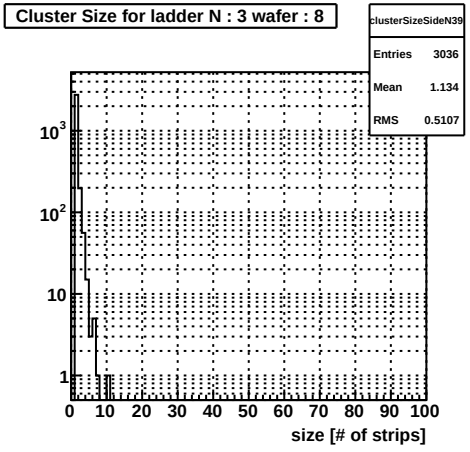

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 7506
Mean 1.252
RMS 0.601
size [# of strips]

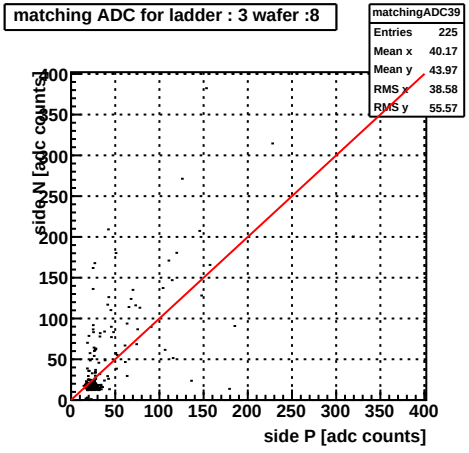

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 457
Mean x 64.12
Mean y 62.41
RMS x 56.3
RMS y 59.27
side N [adc counts]
side P [adc counts]

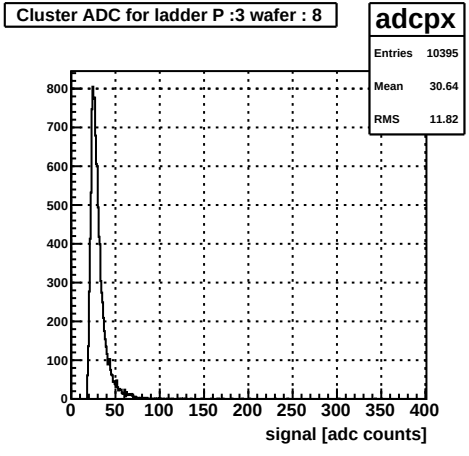

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 4801
Mean 34.86
RMS 25.2
signal [adc counts]

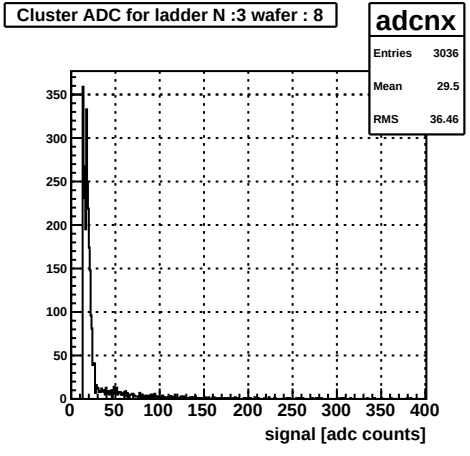

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 7506
Mean 28.17
RMS 27.3
signal [adc counts]

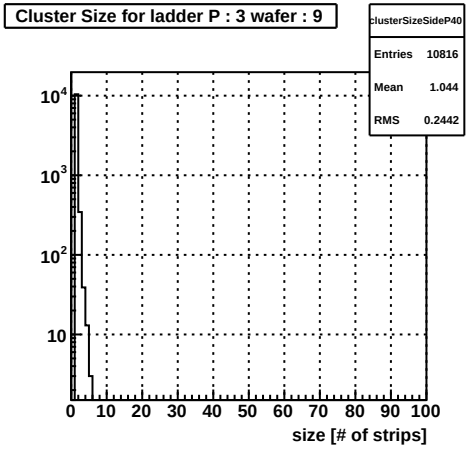

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 10395
Mean 1.031
RMS 0.184
size [# of strips]

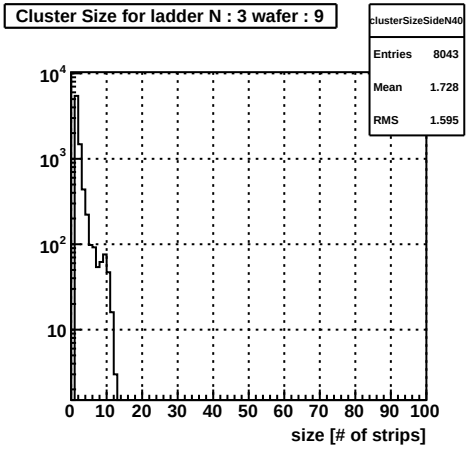

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 3036
Mean 1.134
RMS 0.5107
size [# of strips]

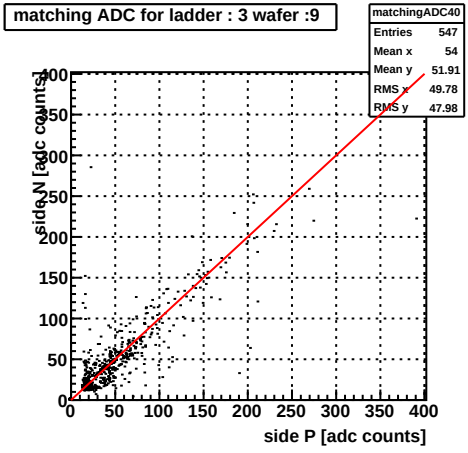

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 225
Mean x 40.17
Mean y 43.97
RMS x 38.58
RMS y 55.57
side N [adc counts]
side P [adc counts]

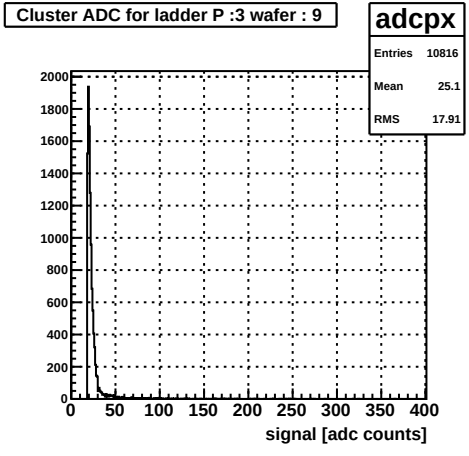

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 10395
Mean 30.64
RMS 11.82
signal [adc counts]

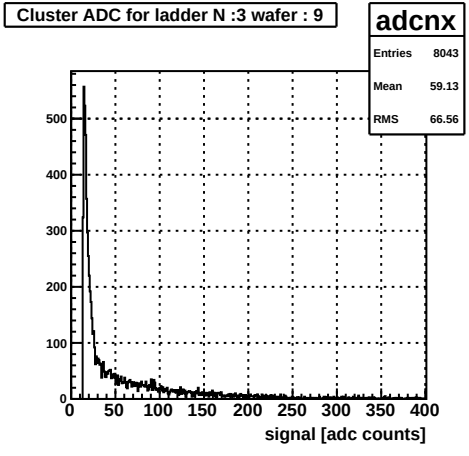

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 3036
Mean 29.5
RMS 36.46
signal [adc counts]

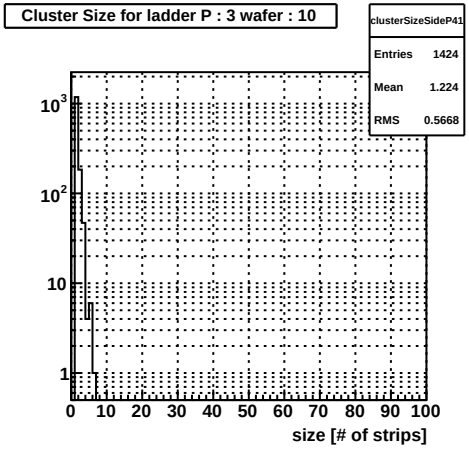

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 10816
Mean 1.044
RMS 0.2442
size [# of strips]

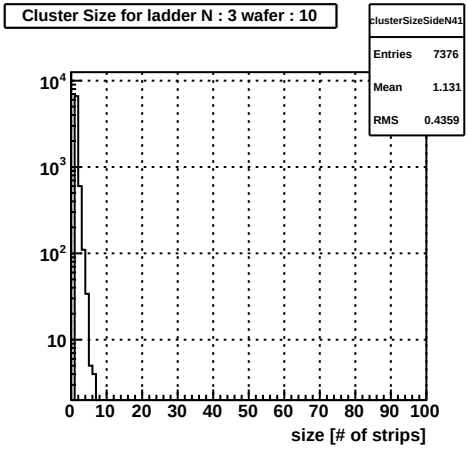

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 8043
Mean 1.728
RMS 1.595
size [# of strips]

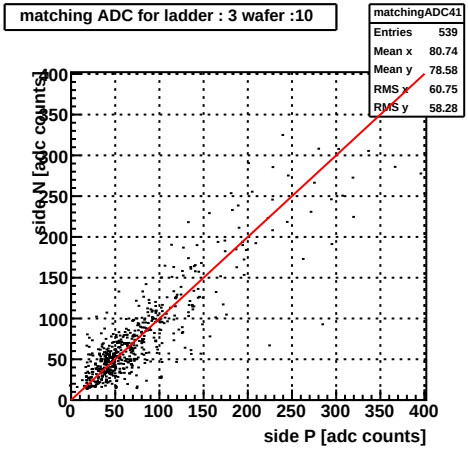

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 547
Mean x 54
Mean y 51.91
RMS x 49.78
RMS y 47.98
side N [adc counts]
side P [adc counts]

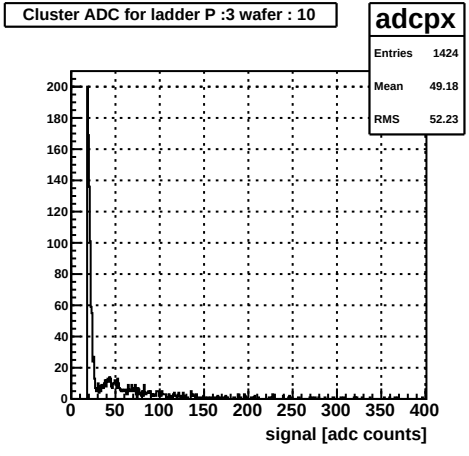

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 10816
Mean 25.1
RMS 17.91
signal [adc counts]

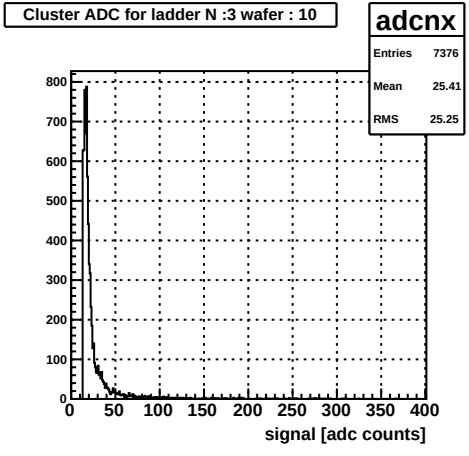

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 8043
Mean 59.13
RMS 66.56
signal [adc counts]

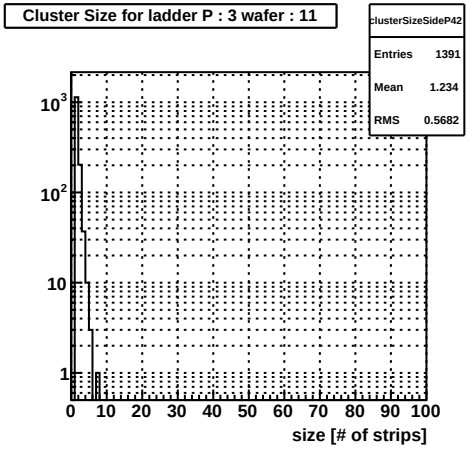

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 1424
Mean 1.224
RMS 0.5668
size [# of strips]

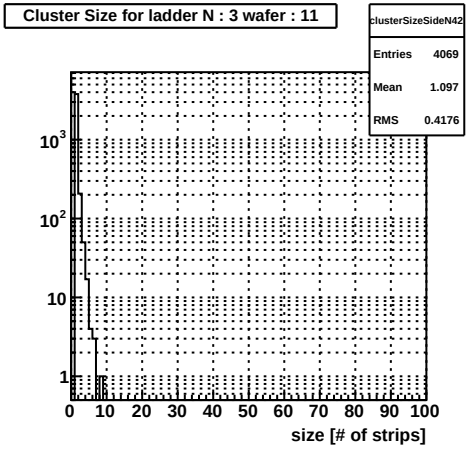

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 7376
Mean 1.131
RMS 0.4359
size [# of strips]

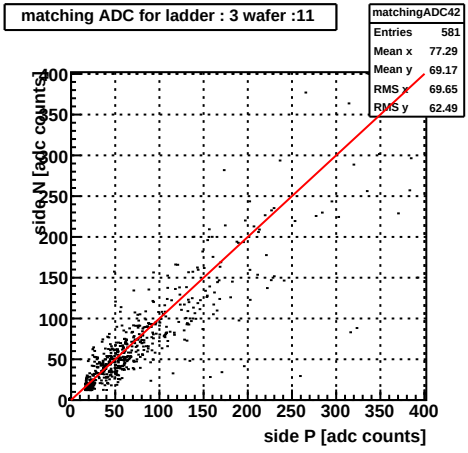

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 539
Mean x 80.74
Mean y 78.58
RMS x 60.75
RMS y 58.28
side N [adc counts]
side P [adc counts]

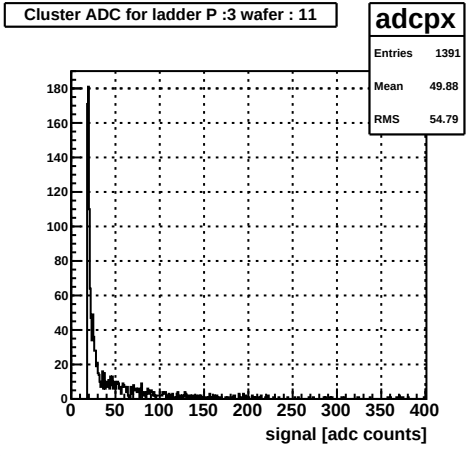

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 1424
Mean 49.18
RMS 52.23
signal [adc counts]

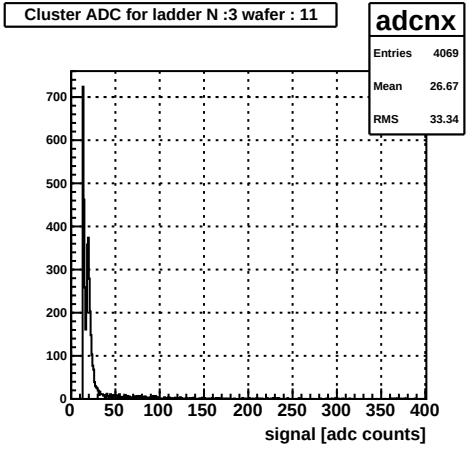

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 7376
Mean 25.41
RMS 25.25
signal [adc counts]

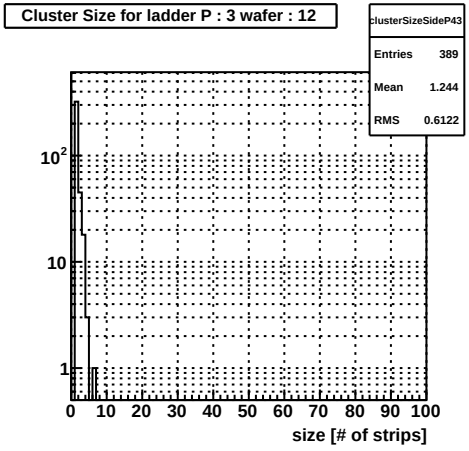

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 1391
Mean 1.234
RMS 0.5682
size [# of strips]

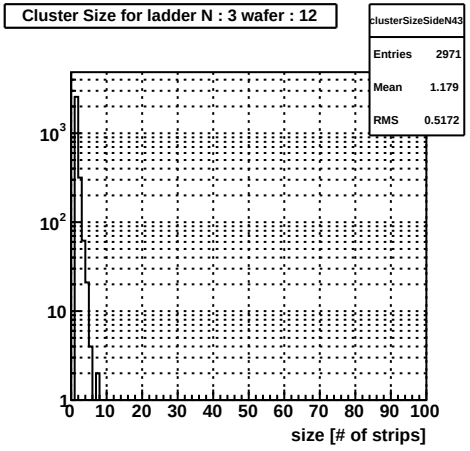

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 4069
Mean 1.097
RMS 0.4176
size [# of strips]

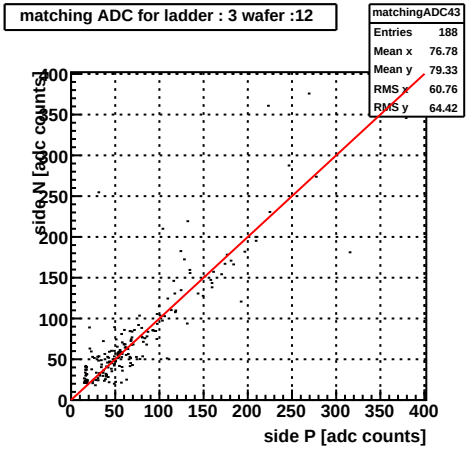

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 581
Mean x 77.29
Mean y 69.17
RMS x 69.65
RMS y 62.49
side N [adc counts]
side P [adc counts]

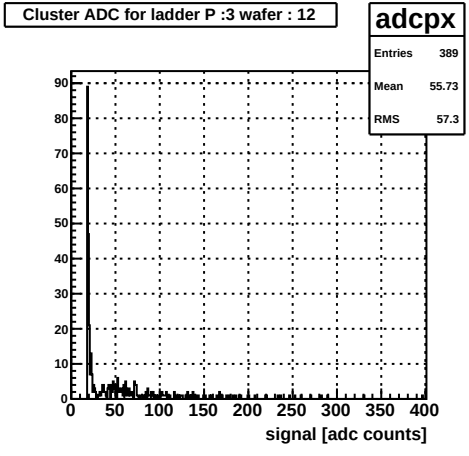

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 1391
Mean 49.88
RMS 54.79
signal [adc counts]

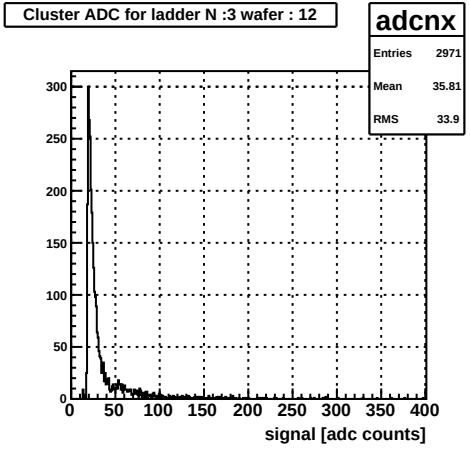

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 4069
Mean 26.67
RMS 33.34
signal [adc counts]

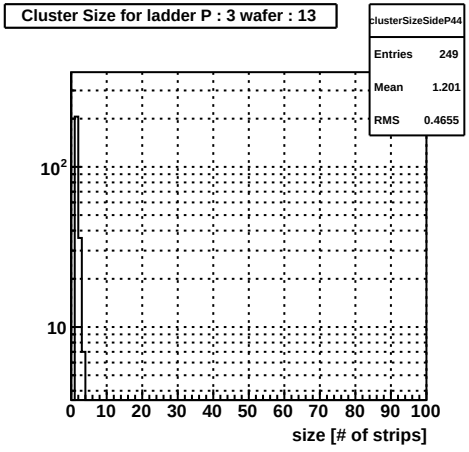

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 389
Mean 1.244
RMS 0.6122
size [# of strips]

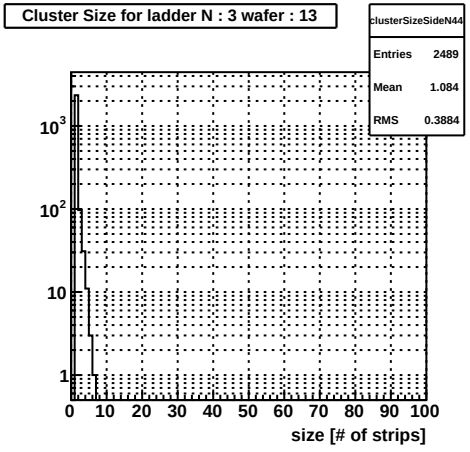

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 2971
Mean 1.179
RMS 0.5172
size [# of strips]

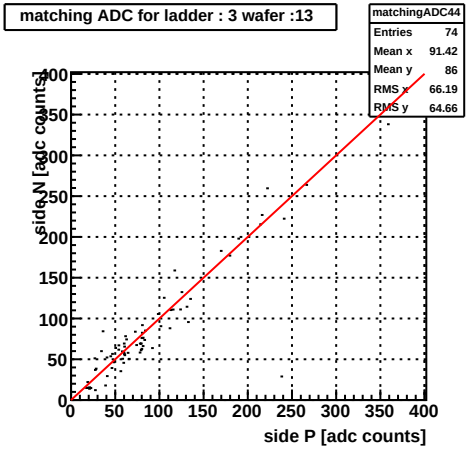

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 188
Mean x 76.78
Mean y 79.33
RMS x 60.76
RMS y 64.42
side N [adc counts]
side P [adc counts]

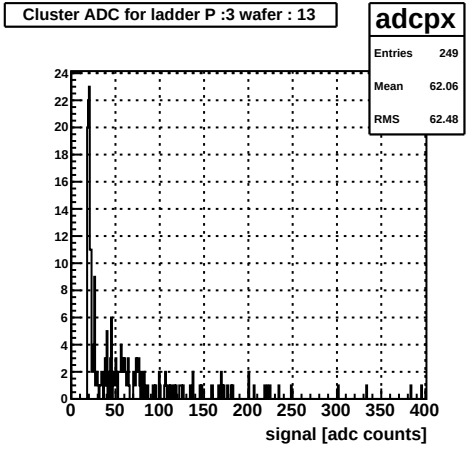

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 389
Mean 55.73
RMS 57.3
signal [adc counts]

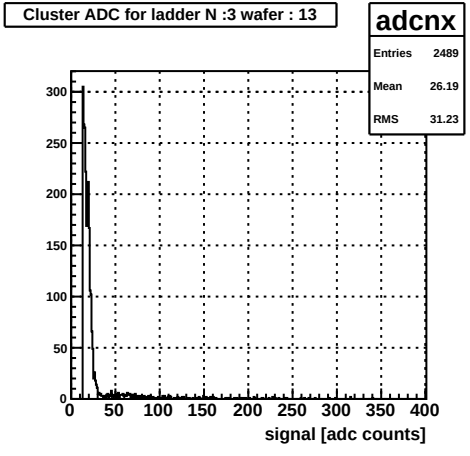

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 2971
Mean 35.81
RMS 33.9
signal [adc counts]

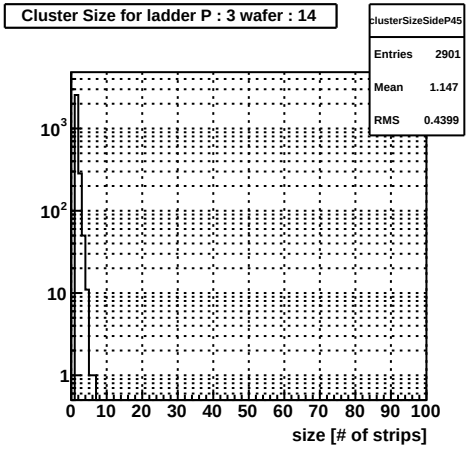

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 249
Mean 1.201
RMS 0.4655
size [# of strips]

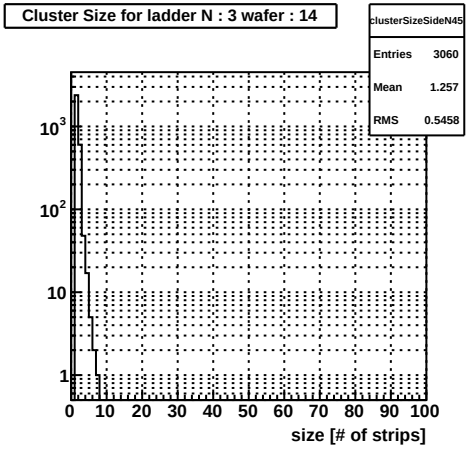

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 2489
Mean 1.084
RMS 0.3884
size [# of strips]

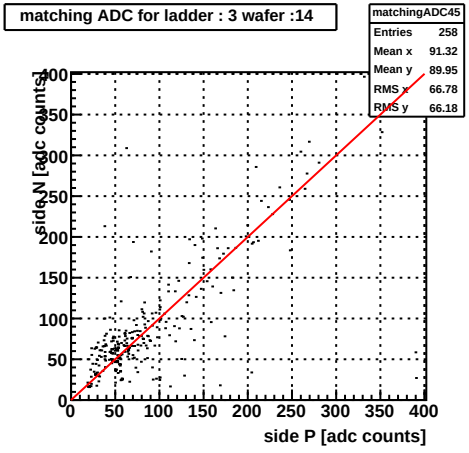

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 74
Mean x 91.42
Mean y 86
RMS x 66.19
RMS y 64.66
side N [adc counts]
side P [adc counts]

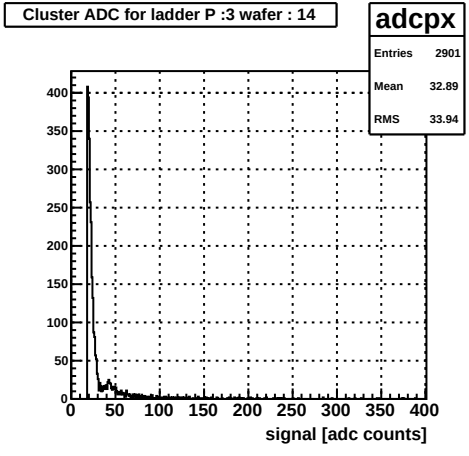

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 249
Mean 62.06
RMS 62.48
signal [adc counts]

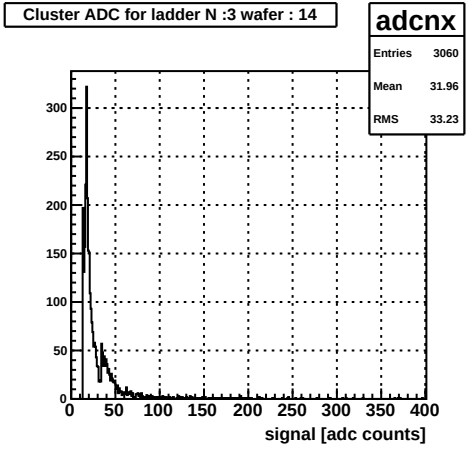

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 2489
Mean 26.19
RMS 31.23
signal [adc counts]

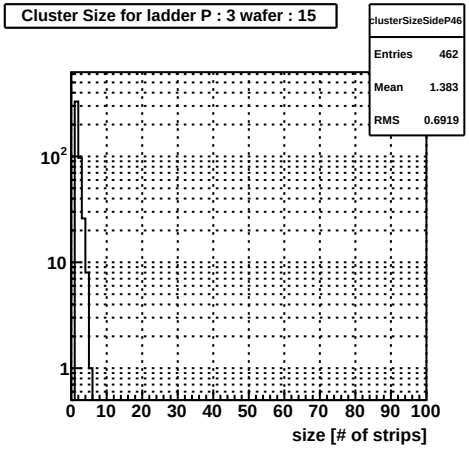

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 2901
Mean 1.147
RMS 0.4399
size [# of strips]

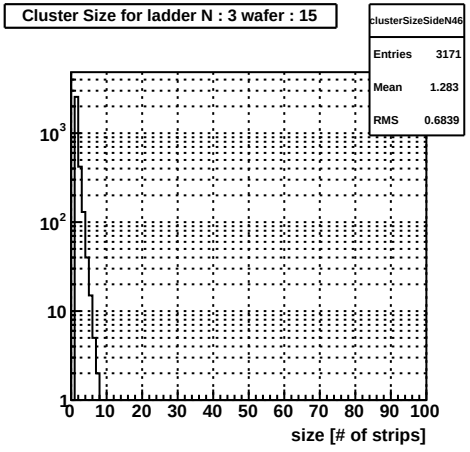

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 3060
Mean 1.257
RMS 0.5458
size [# of strips]

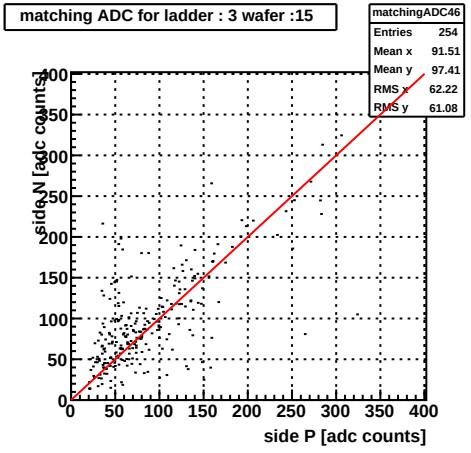

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 258
Mean x 91.32
Mean y 89.95
RMS x 66.78
RMS y 66.18
side N [adc counts]
side P [adc counts]

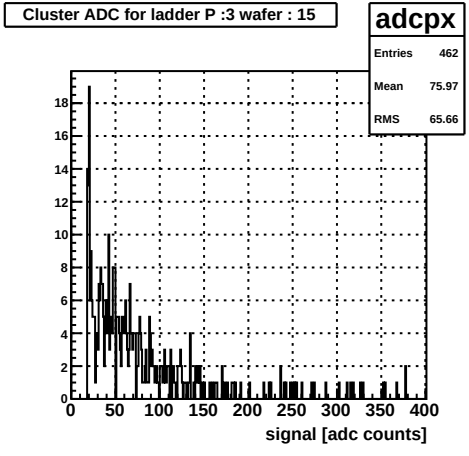

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 2901
Mean 32.89
RMS 33.94
signal [adc counts]

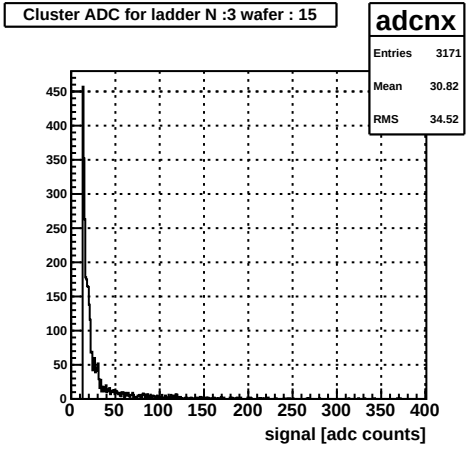

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 3060
Mean 31.96
RMS 33.23
signal [adc counts]

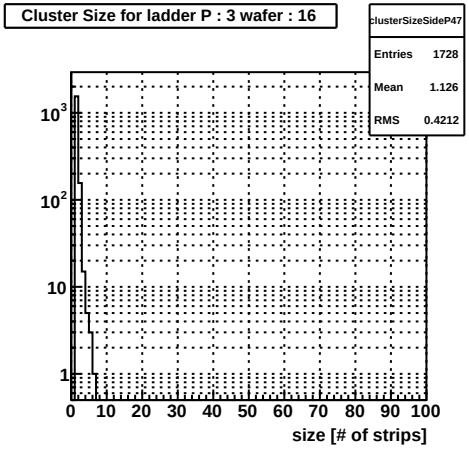

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 462
Mean 1.383
RMS 0.6919
size [# of strips]

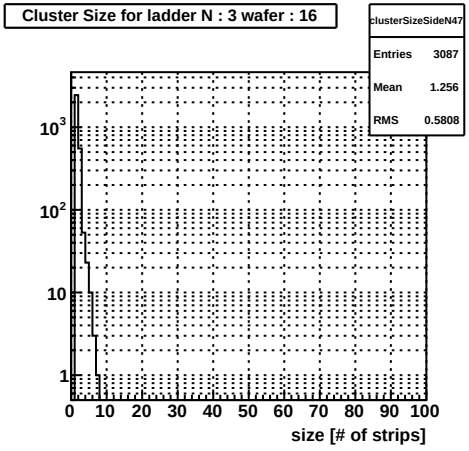

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 3171
Mean 1.283
RMS 0.6839
size [# of strips]

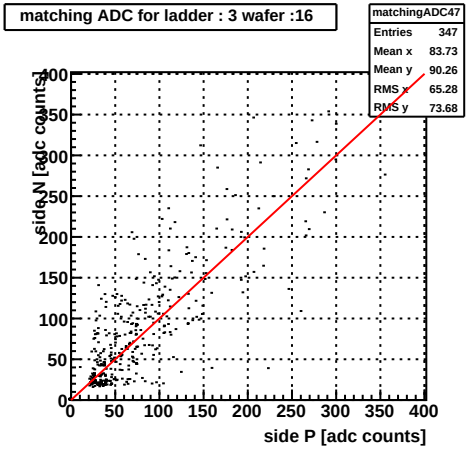

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 254
Mean x 91.51
Mean y 97.41
RMS x 62.22
RMS y 61.08
side N [adc counts]
side P [adc counts]

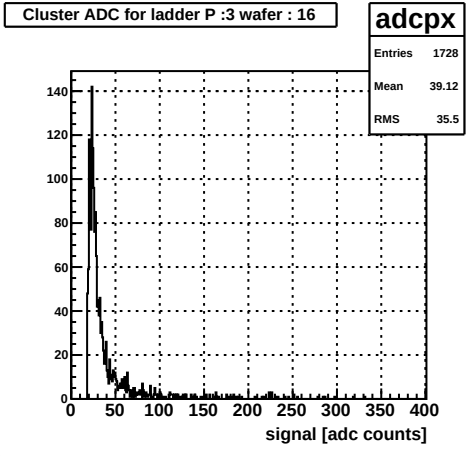

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 462
Mean 75.97
RMS 65.66
signal [adc counts]

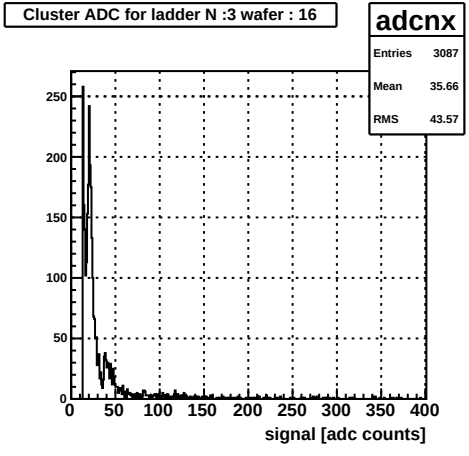

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 3171
Mean 30.82
RMS 34.52
signal [adc counts]

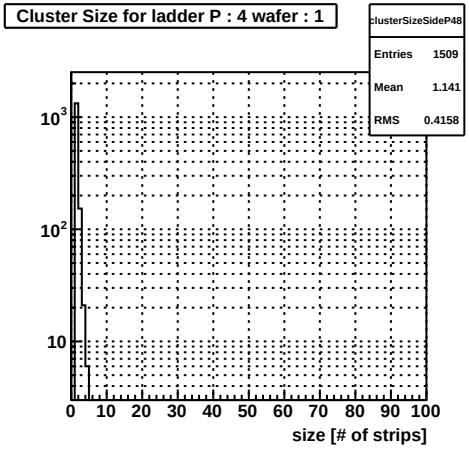

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 1728
Mean 1.126
RMS 0.4212
size [# of strips]

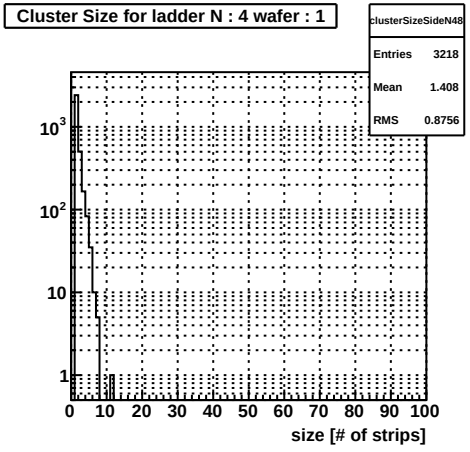

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 3087
Mean 1.256
RMS 0.5808
size [# of strips]

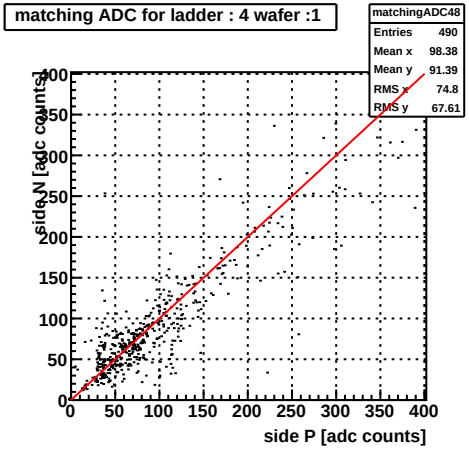

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 347
Mean x 83.73
Mean y 90.26
RMS x 65.28
RMS y 73.68
side N [adc counts]
side P [adc counts]

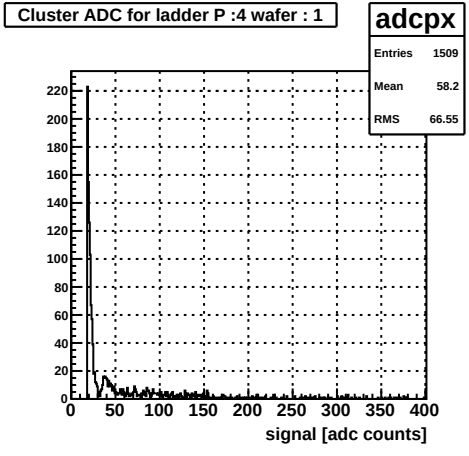

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 1728
Mean 39.12
RMS 35.5
signal [adc counts]

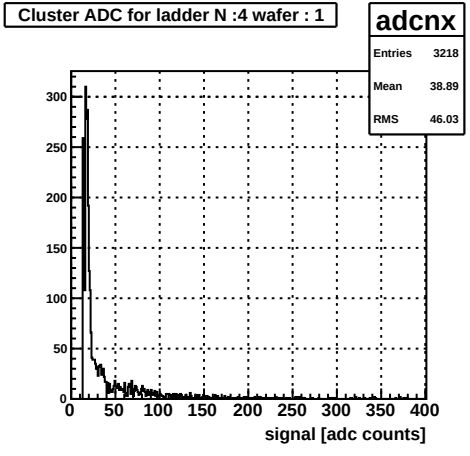

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 3087
Mean 35.66
RMS 43.57
signal [adc counts]

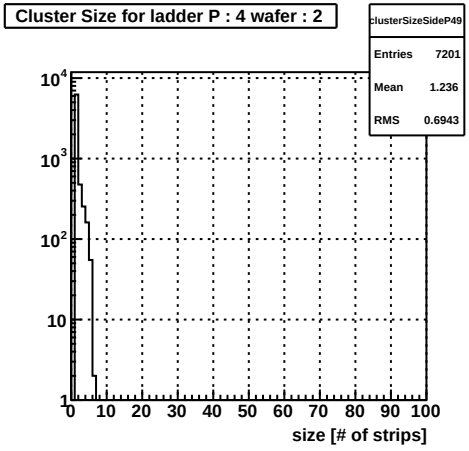

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 1509
Mean 1.141
RMS 0.4158
size [# of strips]

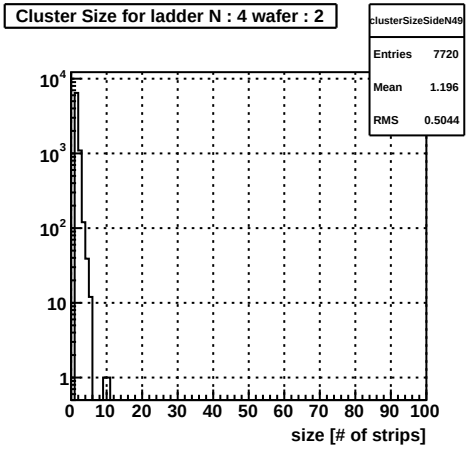

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 3218
Mean 1.408
RMS 0.8756
size [# of strips]

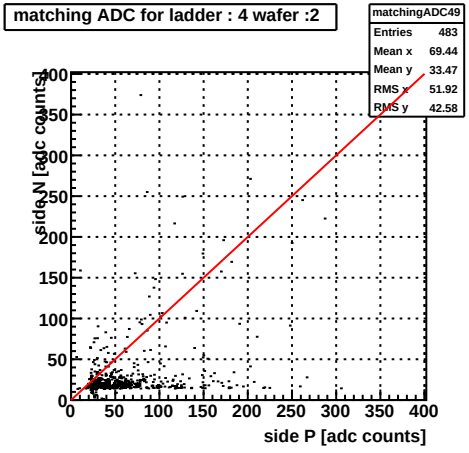

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 490
Mean x 98.38
Mean y 91.39
RMS x 74.8
RMS y 67.61
side N [adc counts]
side P [adc counts]

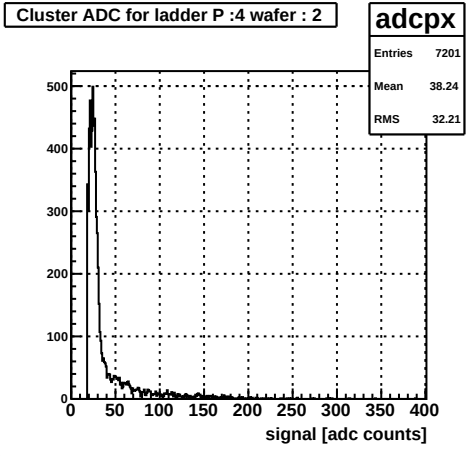

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 1509
Mean 58.2
RMS 66.55
signal [adc counts]

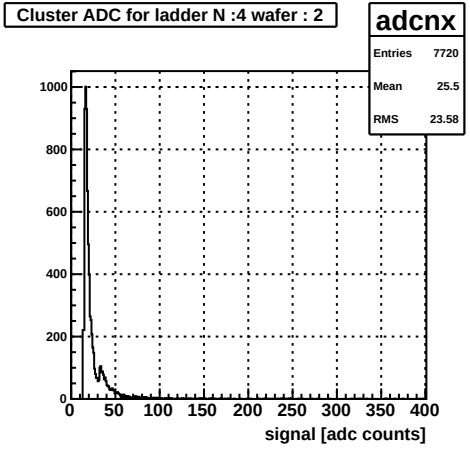

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 3218
Mean 38.89
RMS 46.03
signal [adc counts]

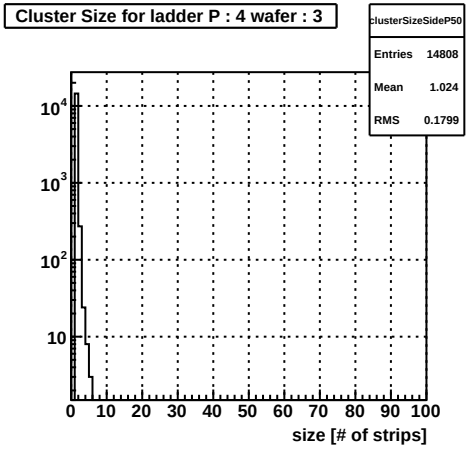

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 7201
Mean 1.236
RMS 0.6943
size [# of strips]

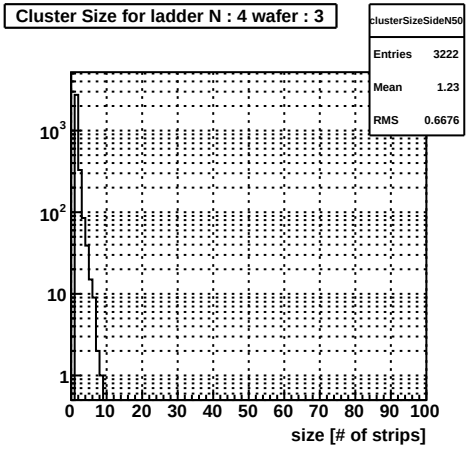

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 7720
Mean 1.196
RMS 0.5044
size [# of strips]

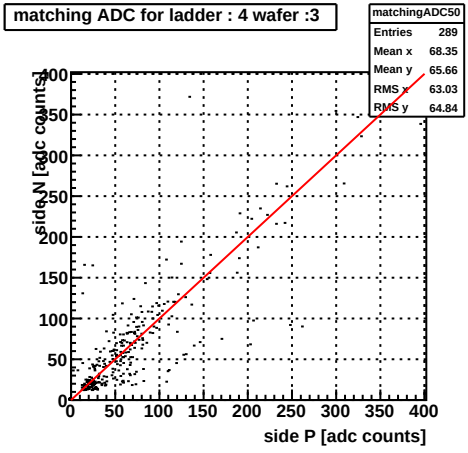

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 483
Mean x 69.44
Mean y 33.47
RMS x 51.92
RMS y 42.58
side N [adc counts]
side P [adc counts]

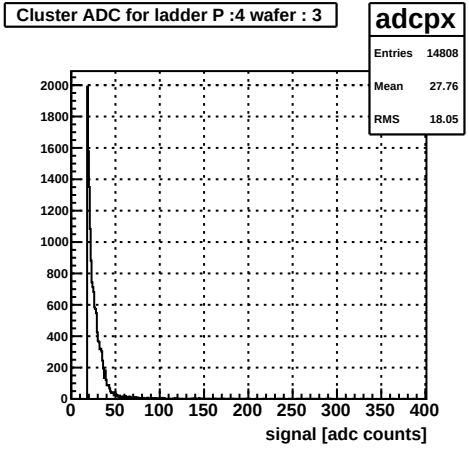

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 7201
Mean 38.24
RMS 32.21
signal [adc counts]

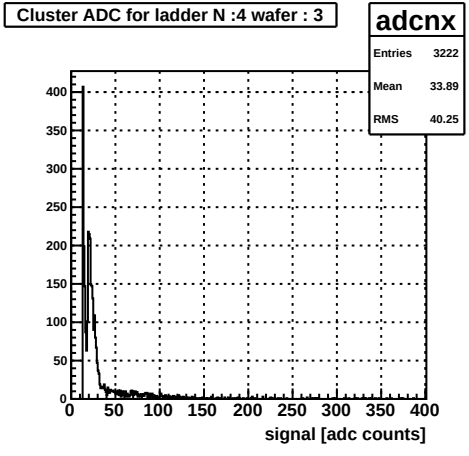

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 7720
Mean 25.5
RMS 23.58
signal [adc counts]

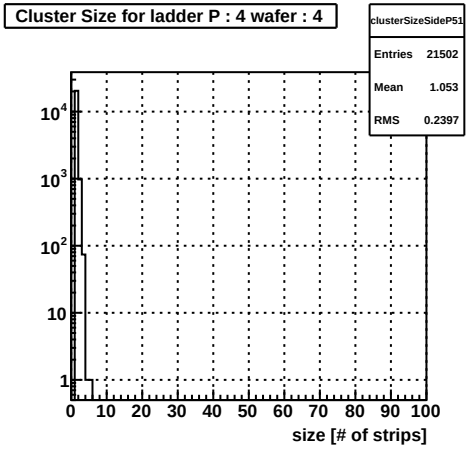

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 14808
Mean 1.024
RMS 0.1799
size [# of strips]

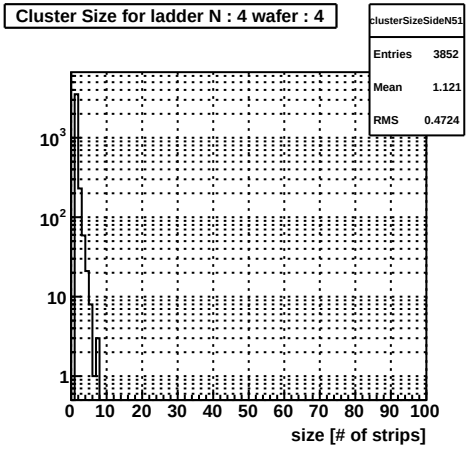

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 3222
Mean 1.23
RMS 0.6676
size [# of strips]

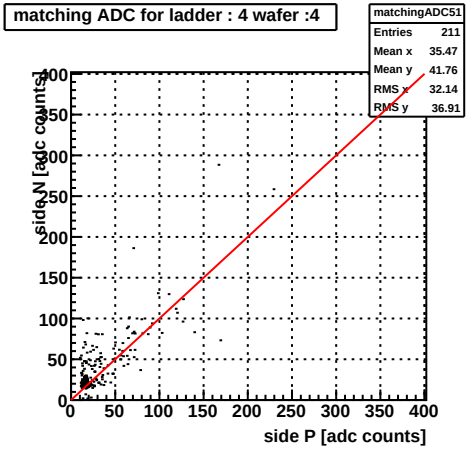

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 289
Mean x 68.35
Mean y 65.66
RMS x 63.03
RMS y 64.84
side N [adc counts]
side P [adc counts]

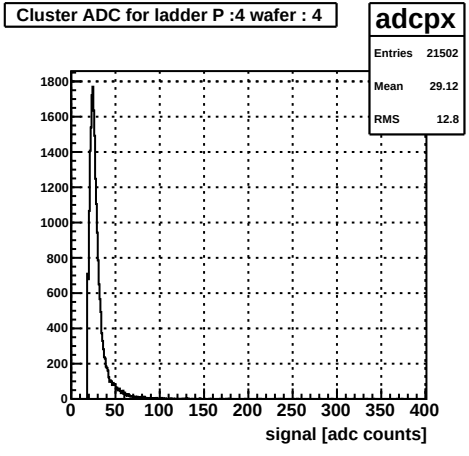

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 14808
Mean 27.76
RMS 18.05
signal [adc counts]

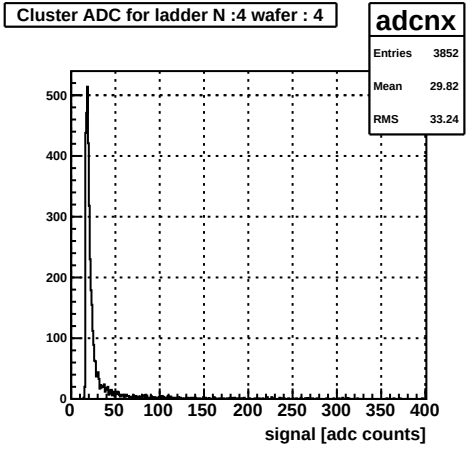

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 3222
Mean 33.89
RMS 40.25
signal [adc counts]

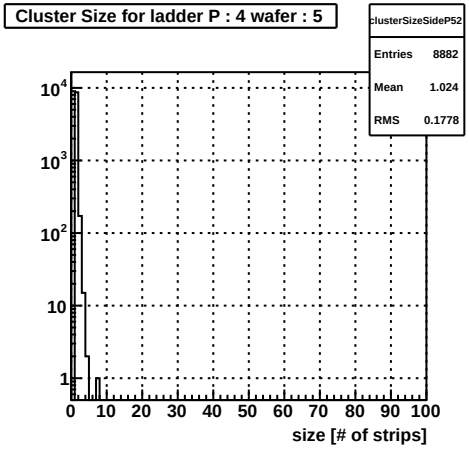

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 21502
Mean 1.053
RMS 0.2397
size [# of strips]

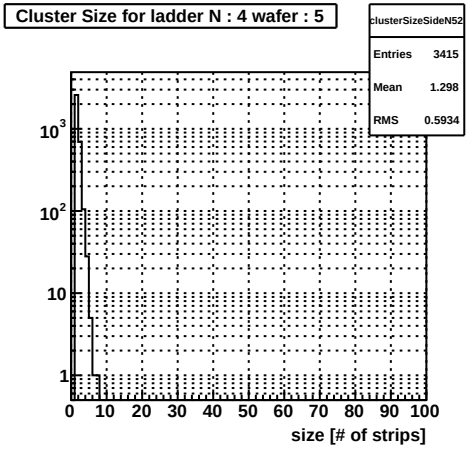

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 3852
Mean 1.121
RMS 0.4724
size [# of strips]

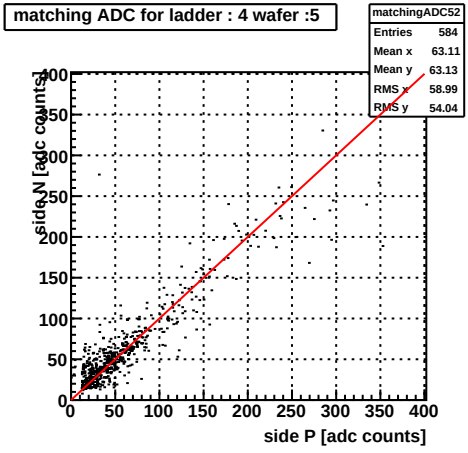

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 211
Mean x 35.47
Mean y 41.76
RMS x 32.14
RMS y 36.91
side N [adc counts]
side P [adc counts]

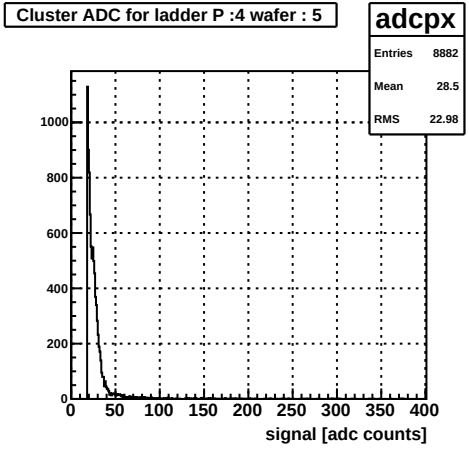

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 21502
Mean 29.12
RMS 12.8
signal [adc counts]

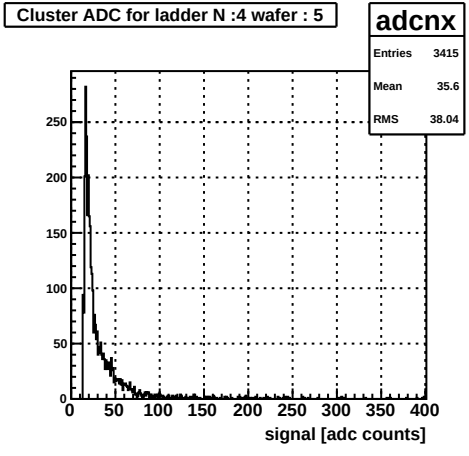

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 3852
Mean 29.82
RMS 33.24
signal [adc counts]

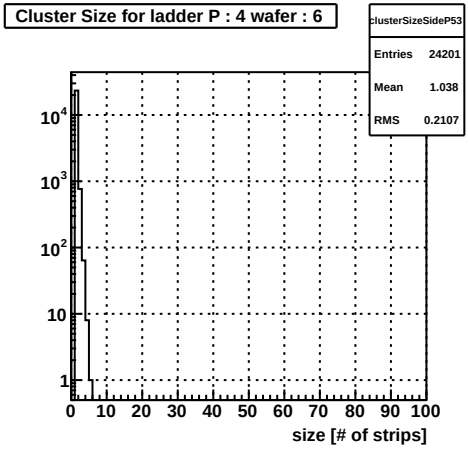

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 8882
Mean 1.024
RMS 0.1778
size [# of strips]

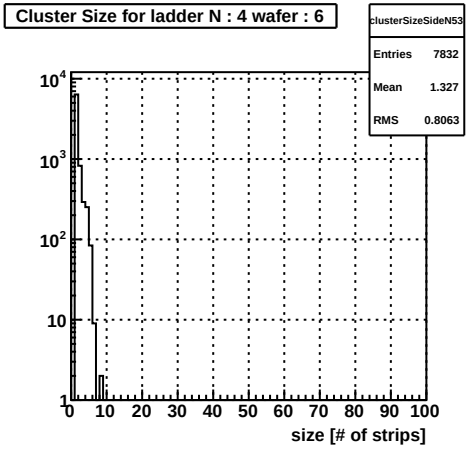

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 3415
Mean 1.298
RMS 0.5934
size [# of strips]

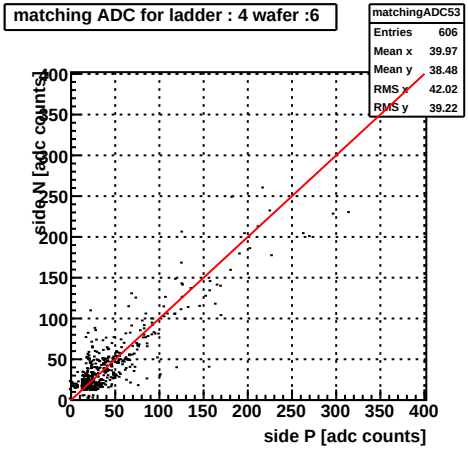

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 584
Mean x 63.11
Mean y 63.13
RMS x 58.99
RMS y 54.04
side N [adc counts]
side P [adc counts]

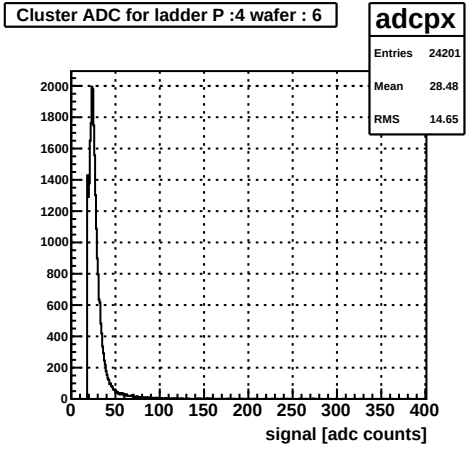

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 8882
Mean 28.5
RMS 22.98
signal [adc counts]

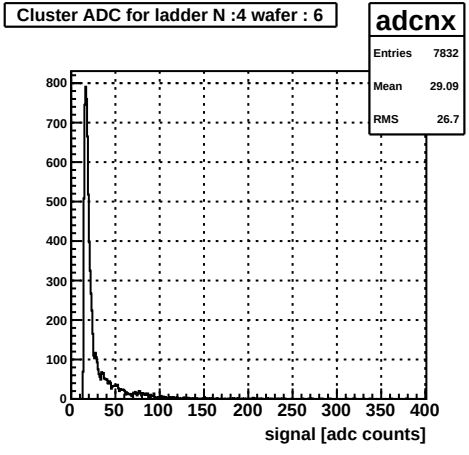

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 3415
Mean 35.6
RMS 38.04
signal [adc counts]

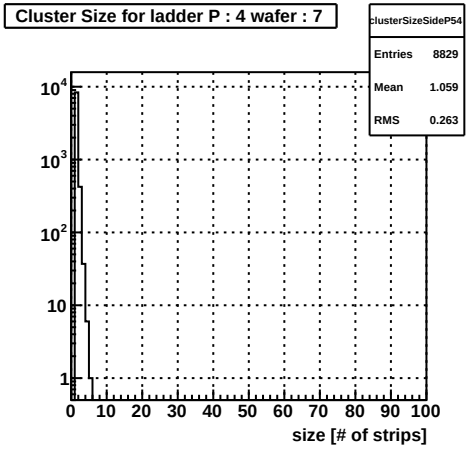

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 24201
Mean 1.038
RMS 0.2107
size [# of strips]

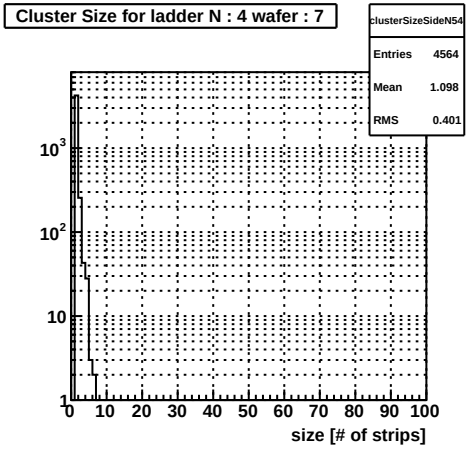

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 7832
Mean 1.327
RMS 0.8063
size [# of strips]

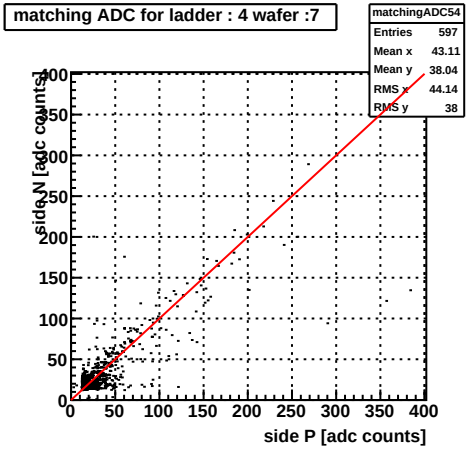

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 606
Mean x 39.97
Mean y 38.48
RMS x 42.02
RMS y 39.22
side N [adc counts]
side P [adc counts]

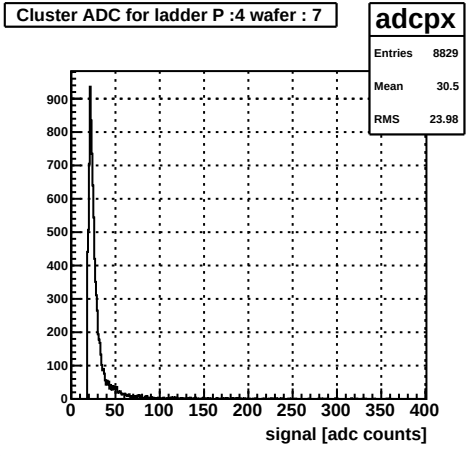

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 24201
Mean 28.48
RMS 14.65
signal [adc counts]

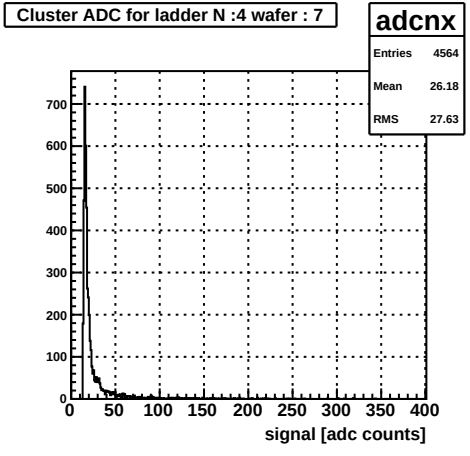

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 7832
Mean 29.09
RMS 26.7
signal [adc counts]

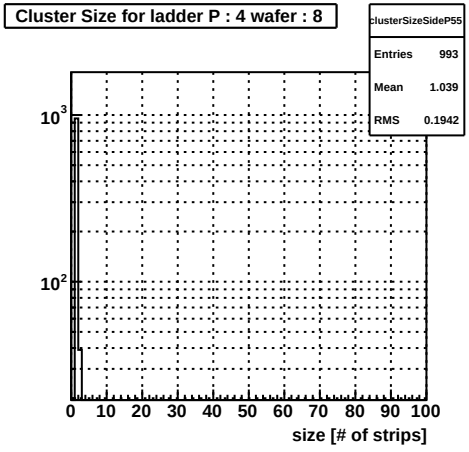

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 8829
Mean 1.059
RMS 0.263
size [# of strips]

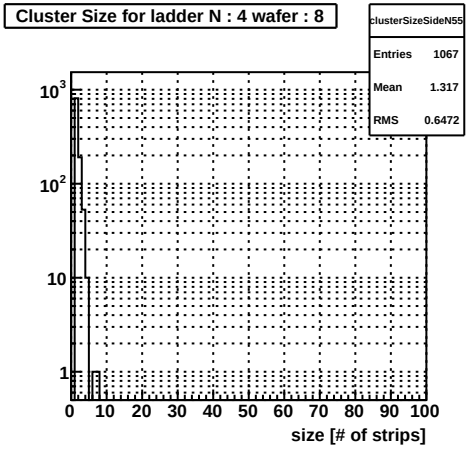

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 4564
Mean 1.098
RMS 0.401
size [# of strips]

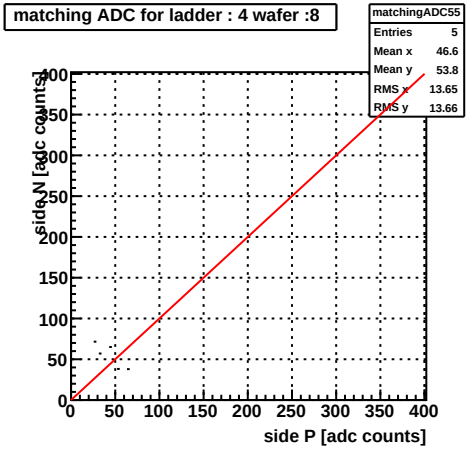

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 597
Mean x 43.11
Mean y 38.04
RMS x 44.14
RMS y 38
side N [adc counts]
side P [adc counts]

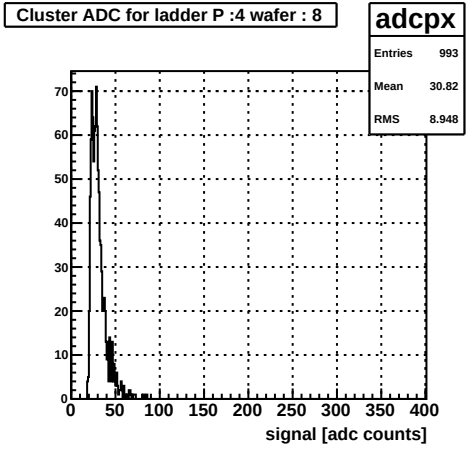

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 8829
Mean 30.5
RMS 23.98
signal [adc counts]

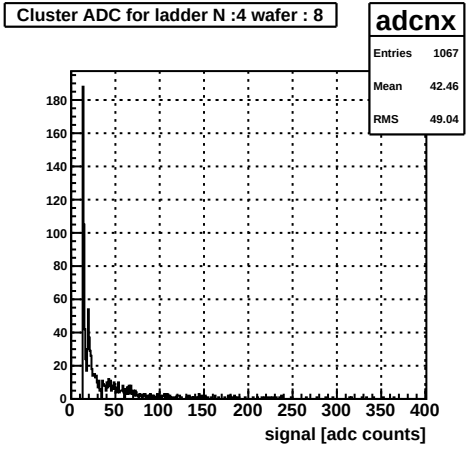

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 4564
Mean 26.18
RMS 27.63
signal [adc counts]

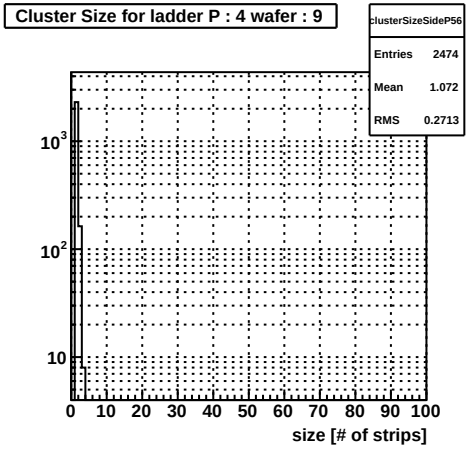

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 993
Mean 1.039
RMS 0.1942
size [# of strips]

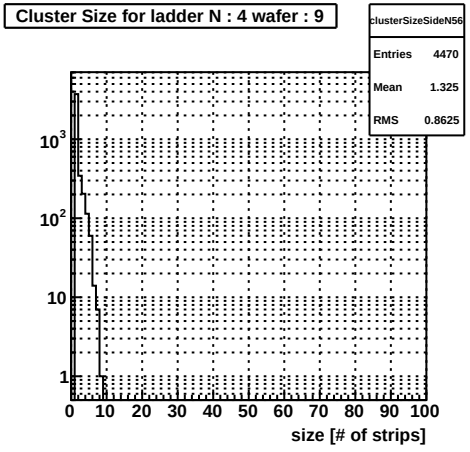

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 1067
Mean 1.317
RMS 0.6472
size [# of strips]

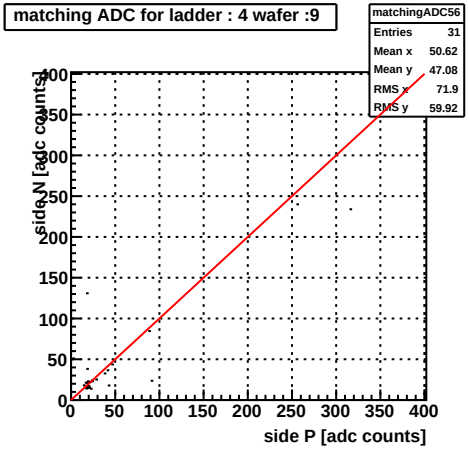

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 5
Mean x 46.6
Mean y 53.8
RMS x 13.65
RMS y 13.66
side N [adc counts]
side P [adc counts]

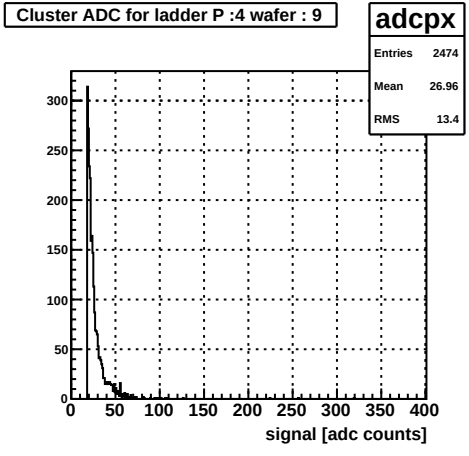

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 993
Mean 30.82
RMS 8.948
signal [adc counts]

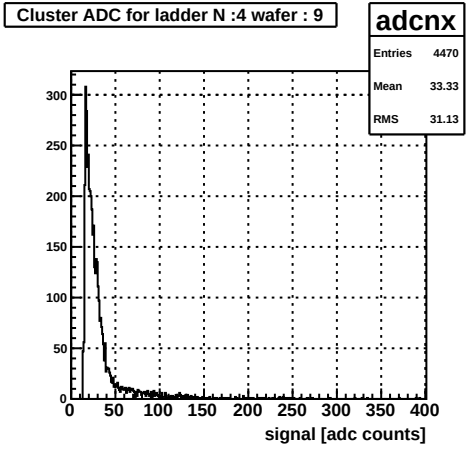

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 1067
Mean 42.46
RMS 49.04
signal [adc counts]

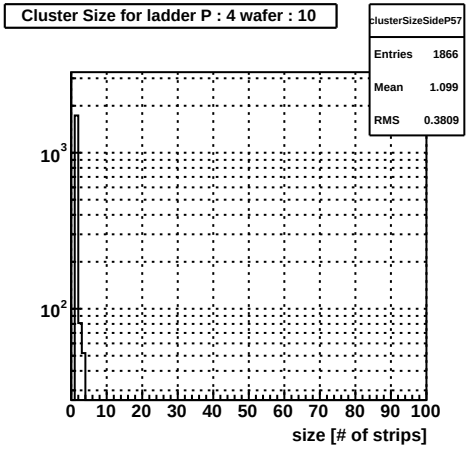

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 2474
Mean 1.072
RMS 0.2713
size [# of strips]

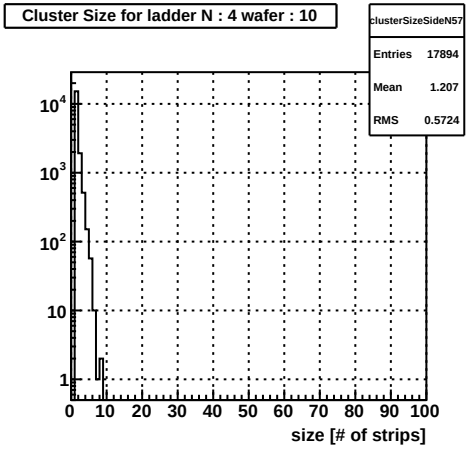

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 4470
Mean 1.325
RMS 0.8625
size [# of strips]

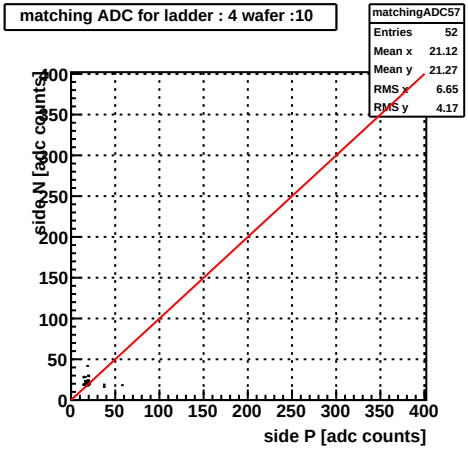

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 31
Mean x 50.62
Mean y 47.08
RMS x 71.9
RMS y 59.92
side N [adc counts]
side P [adc counts]

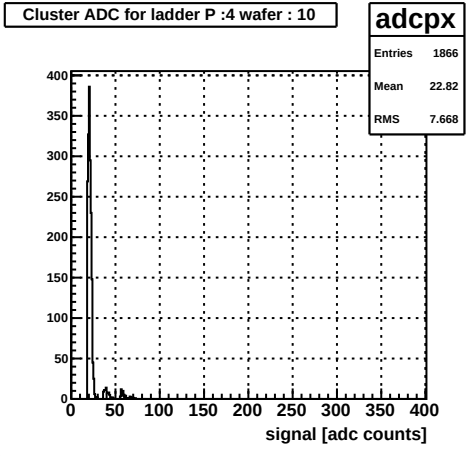

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 2474
Mean 26.96
RMS 13.4
signal [adc counts]

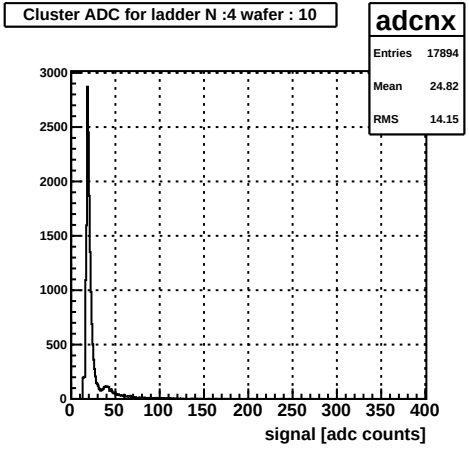

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 4470
Mean 33.33
RMS 31.13
signal [adc counts]

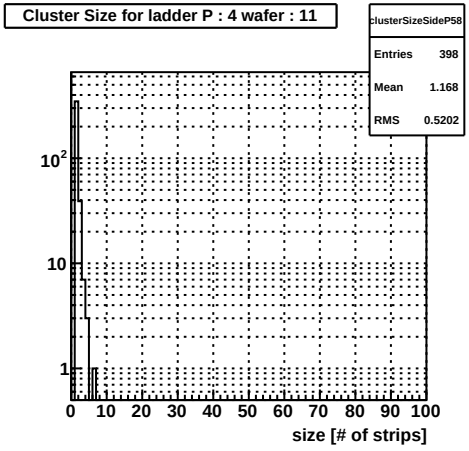

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 1866
Mean 1.099
RMS 0.3809
size [# of strips]

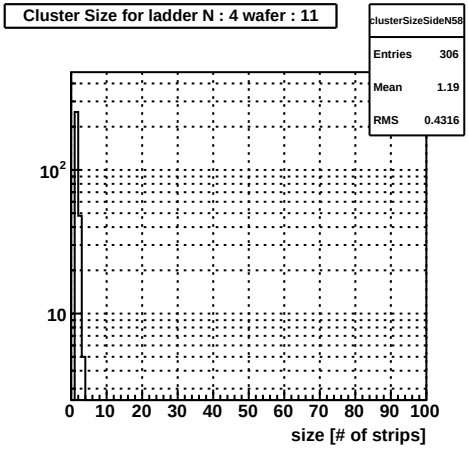

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 17894
Mean 1.207
RMS 0.5724
size [# of strips]

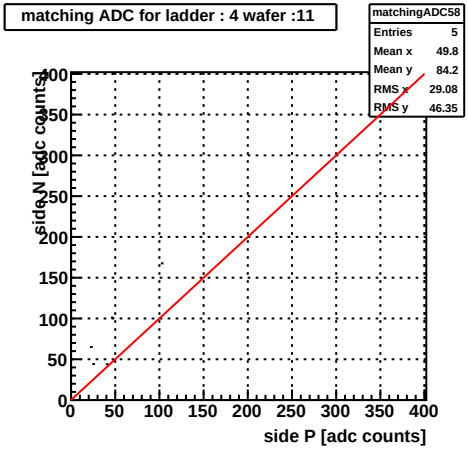

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 52
Mean x 21.12
Mean y 21.27
RMS x 6.65
RMS y 4.17
side N [adc counts]
side P [adc counts]

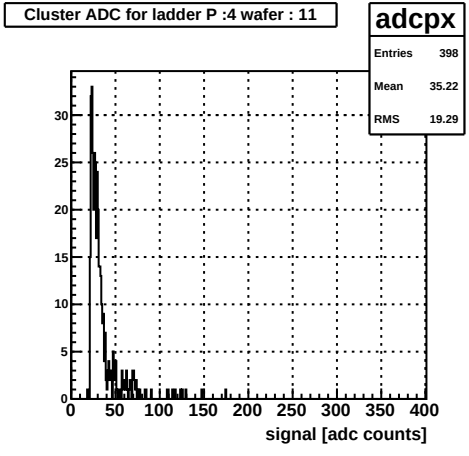

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 1866
Mean 22.82
RMS 7.668
signal [adc counts]

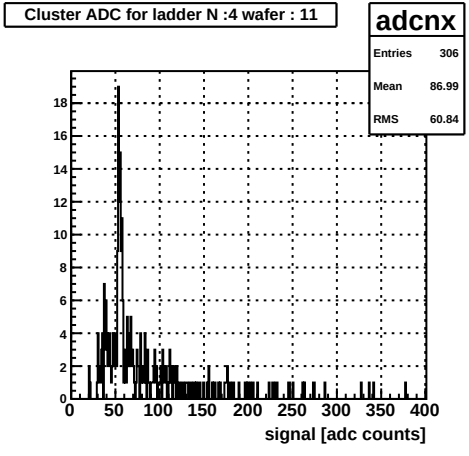

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 17894
Mean 24.82
RMS 14.15
signal [adc counts]

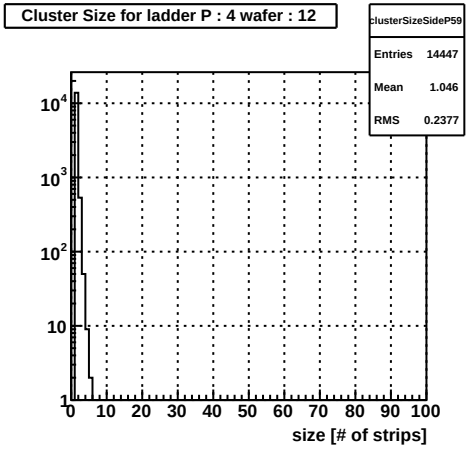

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 398
Mean 1.168
RMS 0.5202
size [# of strips]

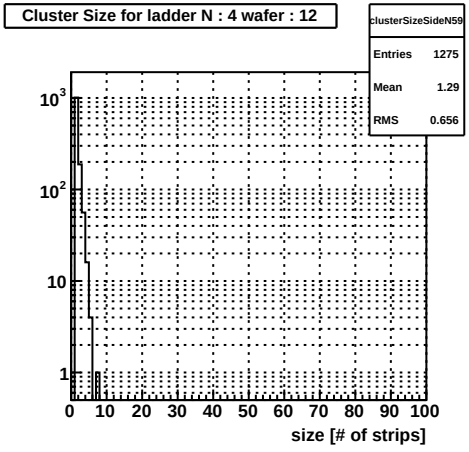

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 306
Mean 1.19
RMS 0.4316
size [# of strips]

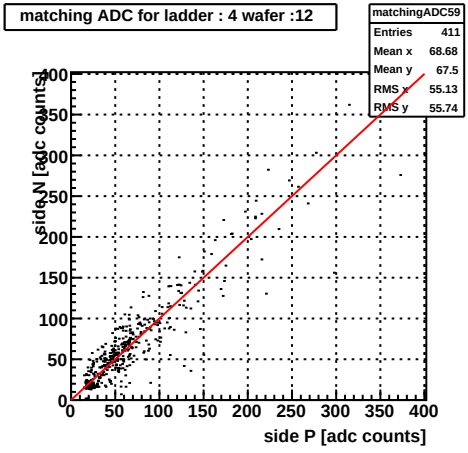

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 5
Mean x 49.8
Mean y 84.2
RMS x 29.08
RMS y 46.35
side N [adc counts]
side P [adc counts]

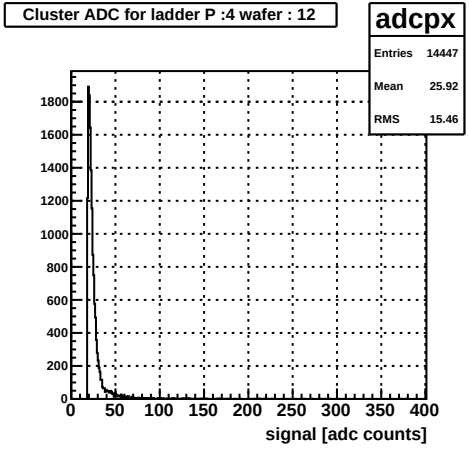

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 398
Mean 35.22
RMS 19.29
signal [adc counts]

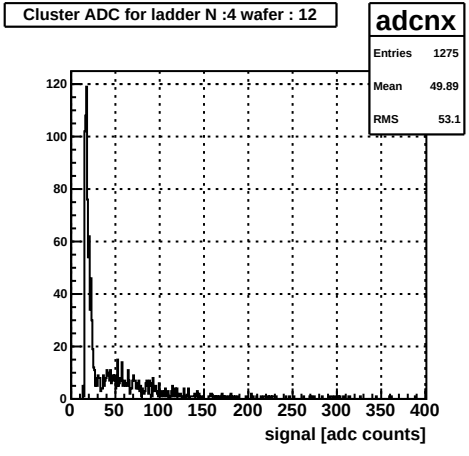

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 306
Mean 86.99
RMS 60.84
signal [adc counts]

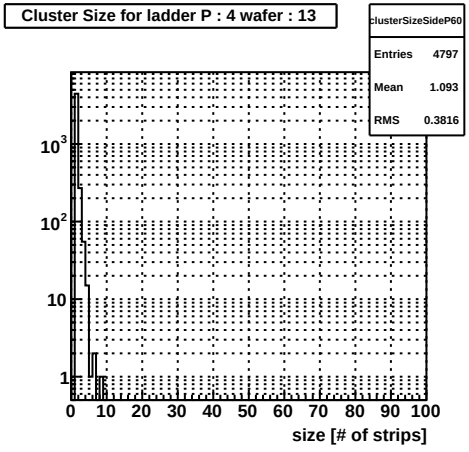

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 14447
Mean 1.046
RMS 0.2377
size [# of strips]

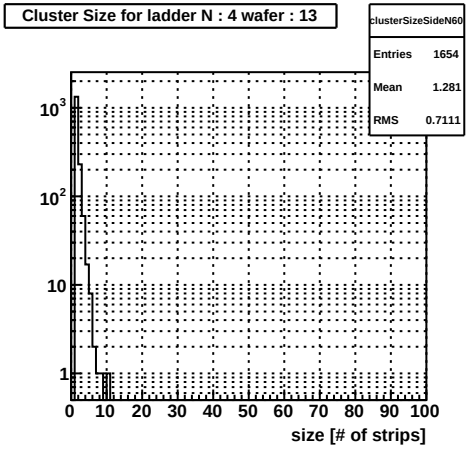

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 1275
Mean 1.29
RMS 0.656
size [# of strips]

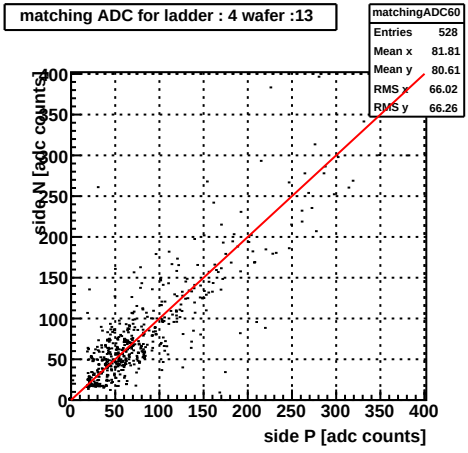

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 411
Mean x 68.68
Mean y 67.5
RMS x 55.13
RMS y 55.74
side N [adc counts]
side P [adc counts]

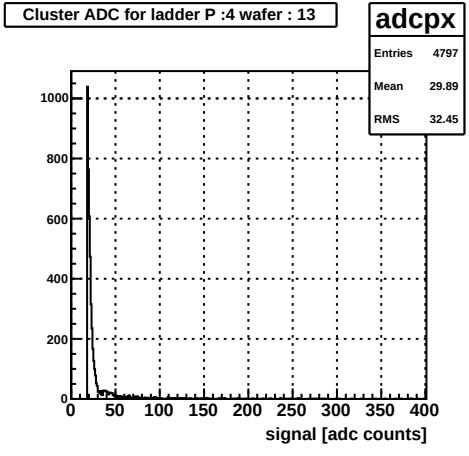

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 14447
Mean 25.92
RMS 15.46
signal [adc counts]

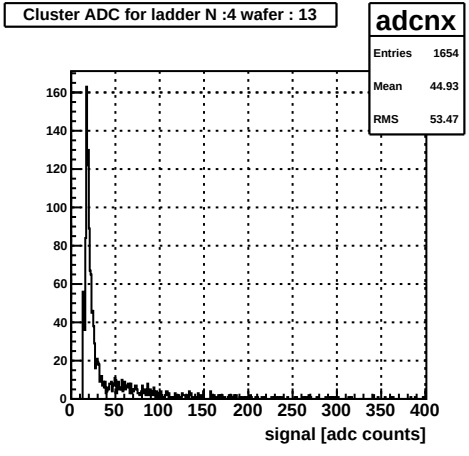

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 1275
Mean 49.89
RMS 53.1
signal [adc counts]

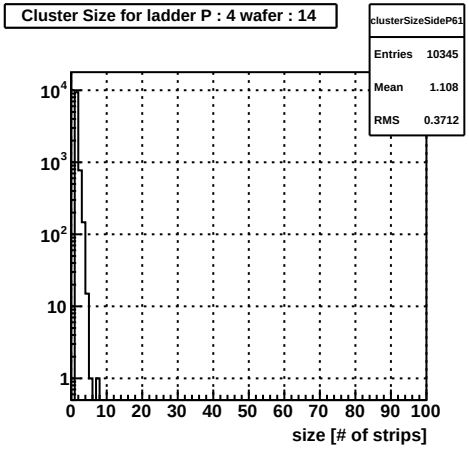

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 4797
Mean 1.093
RMS 0.3816
size [# of strips]

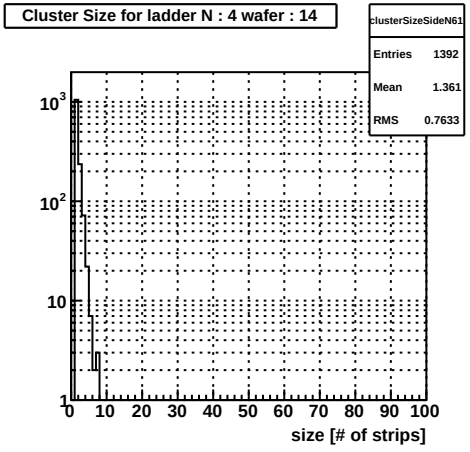

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 1654
Mean 1.281
RMS 0.7111
size [# of strips]

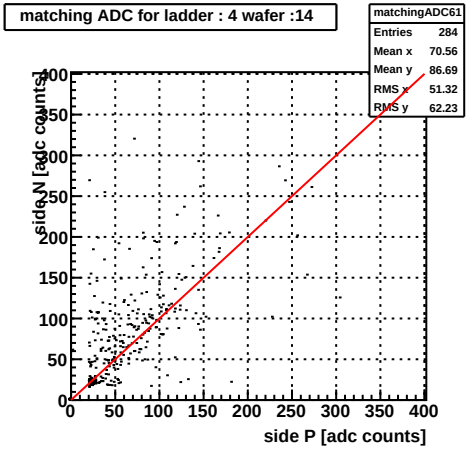

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 528
Mean x 81.81
Mean y 80.61
RMS x 66.02
RMS y 66.26
side N [adc counts]
side P [adc counts]

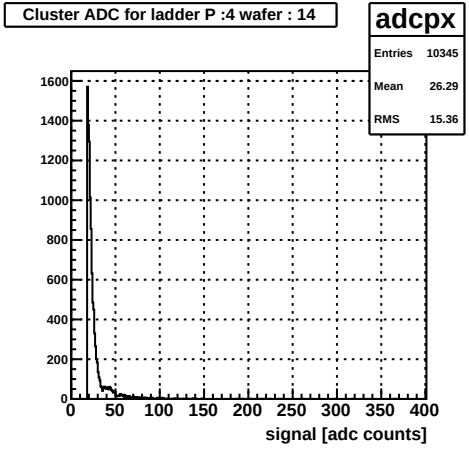

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 4797
Mean 29.89
RMS 32.45
signal [adc counts]

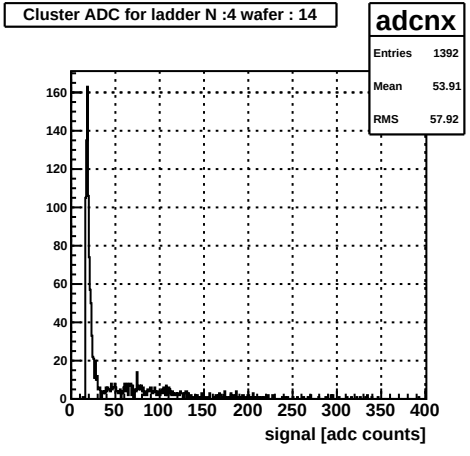

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 1654
Mean 44.93
RMS 53.47
signal [adc counts]

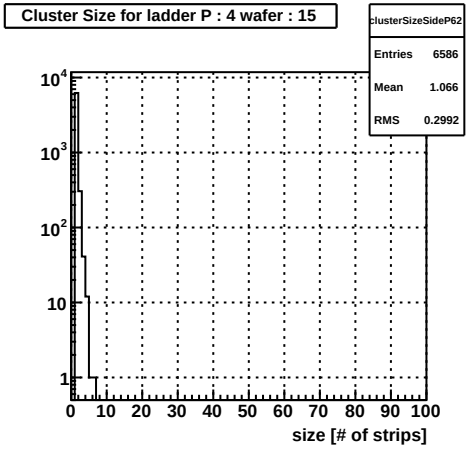

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 10345
Mean 1.108
RMS 0.3712
size [# of strips]

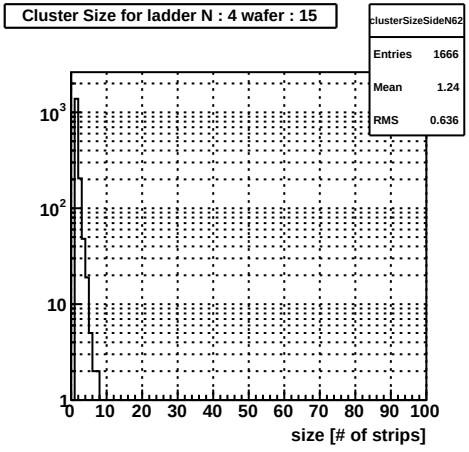

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 1392
Mean 1.361
RMS 0.7633
size [# of strips]

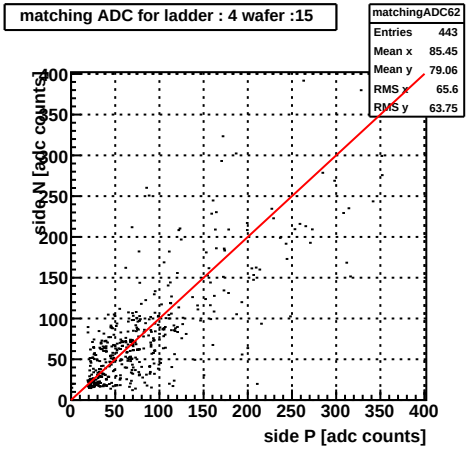

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 284
Mean x 70.56
Mean y 86.69
RMS x 51.32
RMS y 62.23
side N [adc counts]
side P [adc counts]

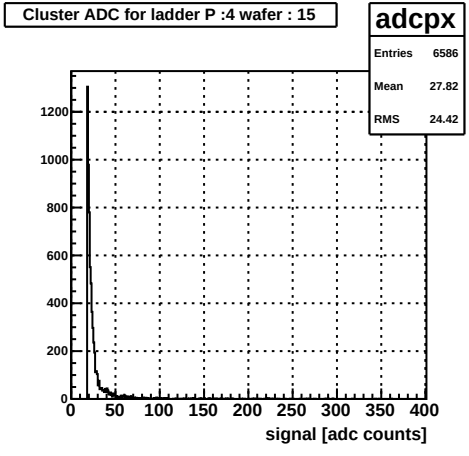

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 10345
Mean 26.29
RMS 15.36
signal [adc counts]

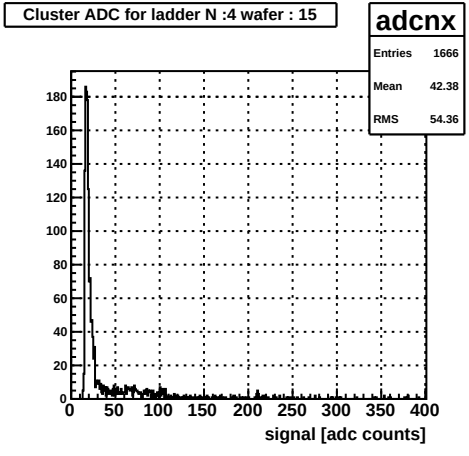

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 1392
Mean 53.91
RMS 57.92
signal [adc counts]

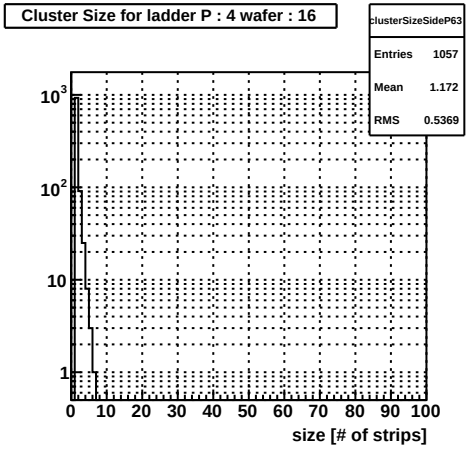

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 6586
Mean 1.066
RMS 0.2992
size [# of strips]

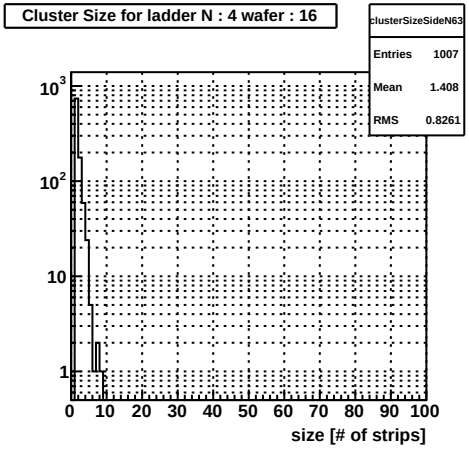

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 1666
Mean 1.24
RMS 0.636
size [# of strips]

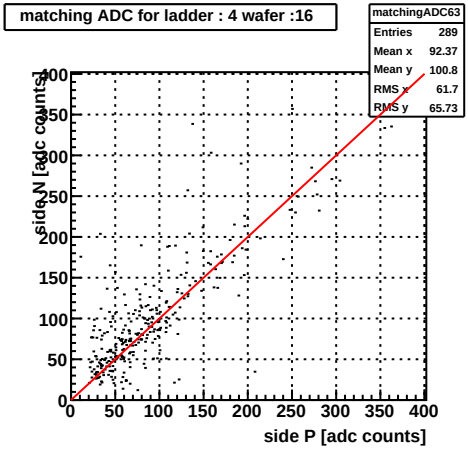

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 443
Mean x 85.45
Mean y 79.06
RMS x 65.6
RMS y 63.75
side N [adc counts]
side P [adc counts]

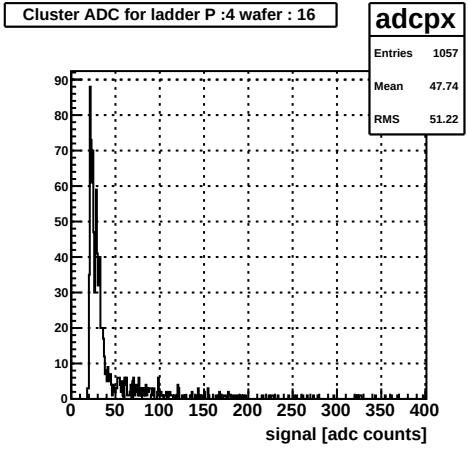

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 6586
Mean 27.82
RMS 24.42
signal [adc counts]

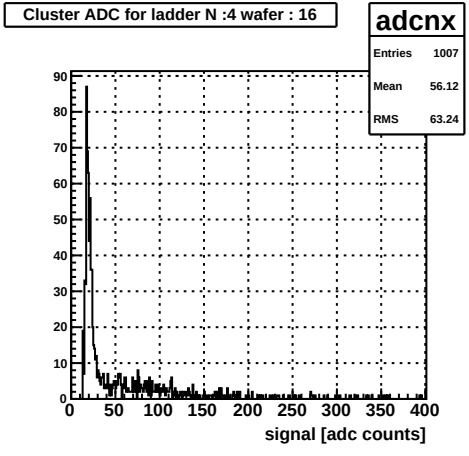

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 1666
Mean 42.38
RMS 54.36
signal [adc counts]

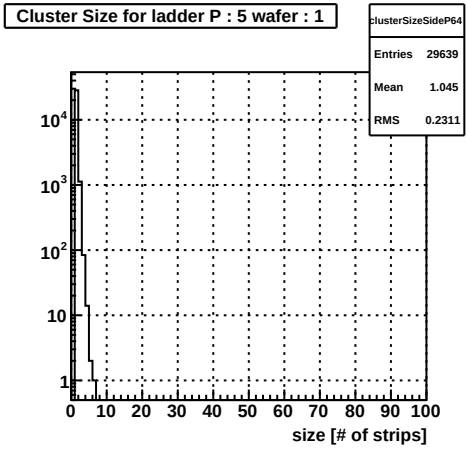

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 1057
Mean 1.172
RMS 0.5369
size [# of strips]

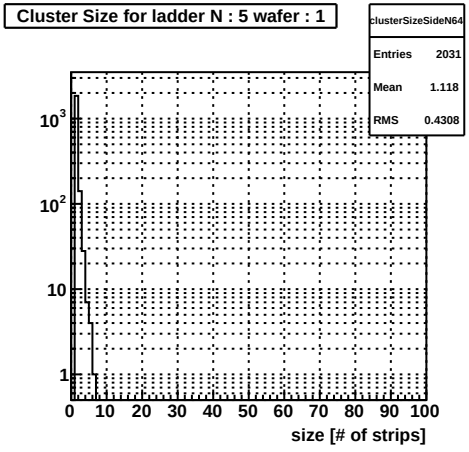

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 1007
Mean 1.408
RMS 0.8261
size [# of strips]

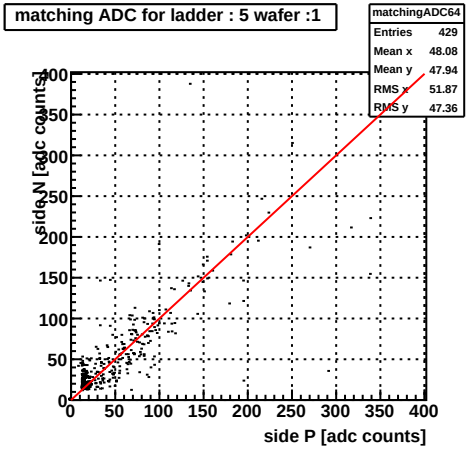

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 289
Mean x 92.37
Mean y 100.8
RMS x 61.7
RMS y 65.73
side N [adc counts]
side P [adc counts]

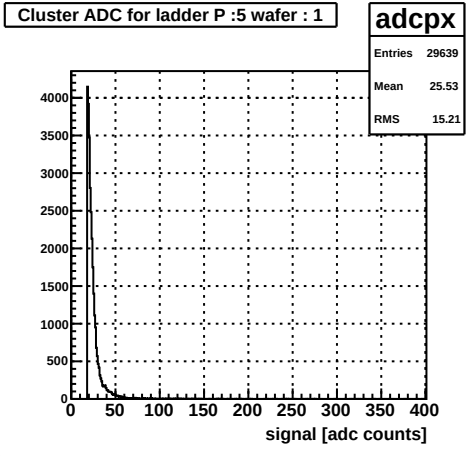

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 1057
Mean 47.74
RMS 51.22
signal [adc counts]

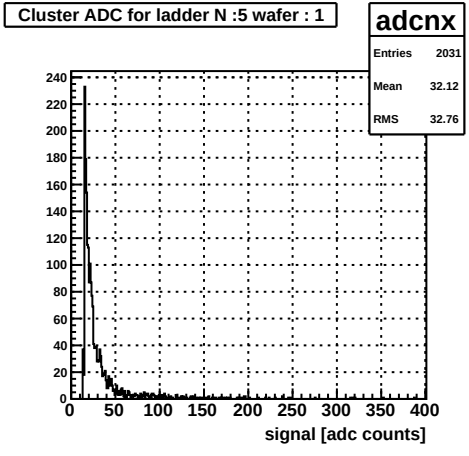

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 1007
Mean 56.12
RMS 63.24
signal [adc counts]

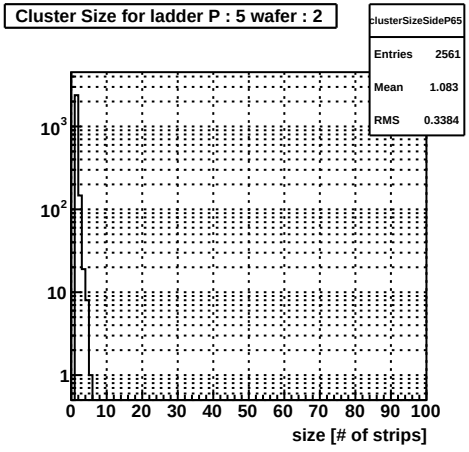

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 29639
Mean 1.045
RMS 0.2311
size [# of strips]

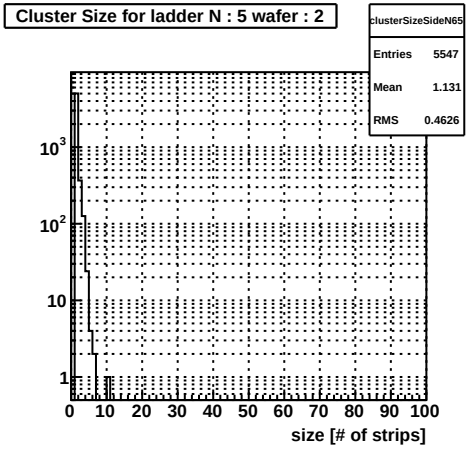

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 2031
Mean 1.118
RMS 0.4308
size [# of strips]

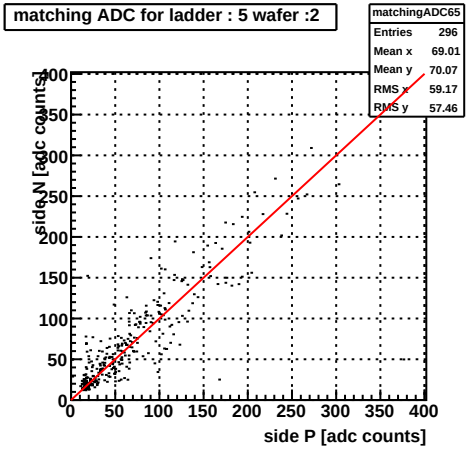

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 429
Mean x 48.08
Mean y 47.94
RMS x 51.87
RMS y 47.36
side N [adc counts]
side P [adc counts]

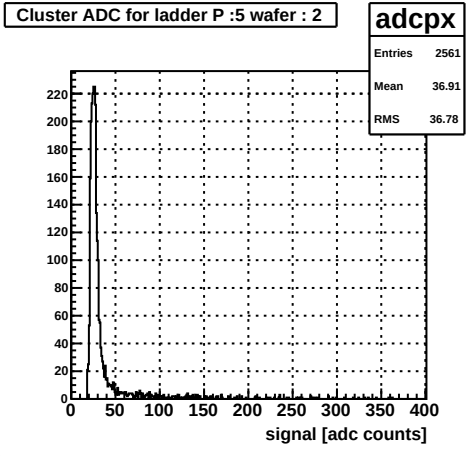

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 29639
Mean 25.53
RMS 15.21
signal [adc counts]

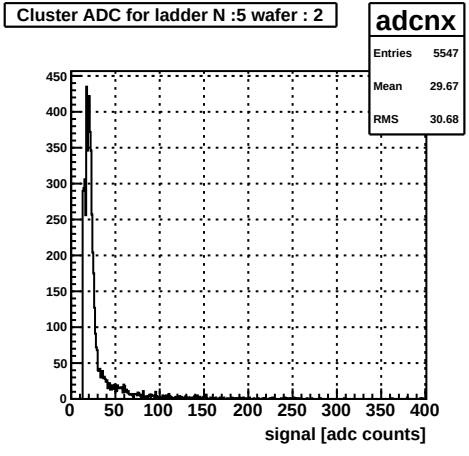

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 2031
Mean 32.12
RMS 32.76
signal [adc counts]

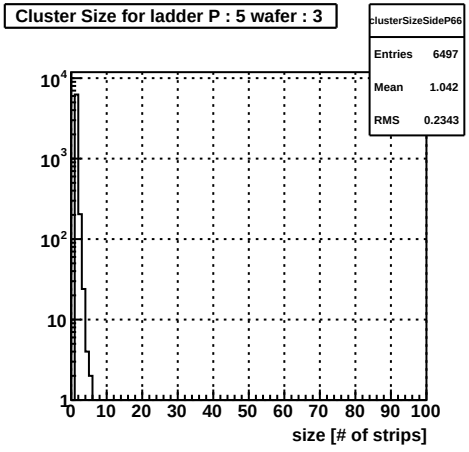

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 2561
Mean 1.083
RMS 0.3384
size [# of strips]

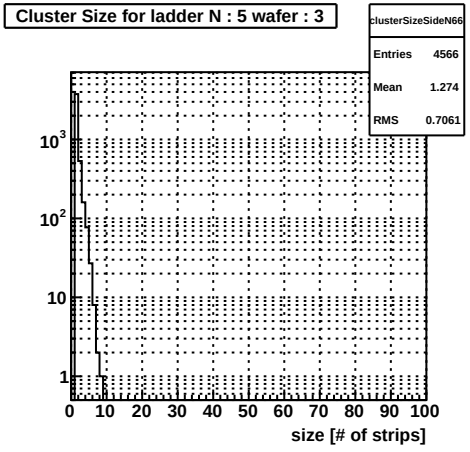

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 5547
Mean 1.131
RMS 0.4626
size [# of strips]

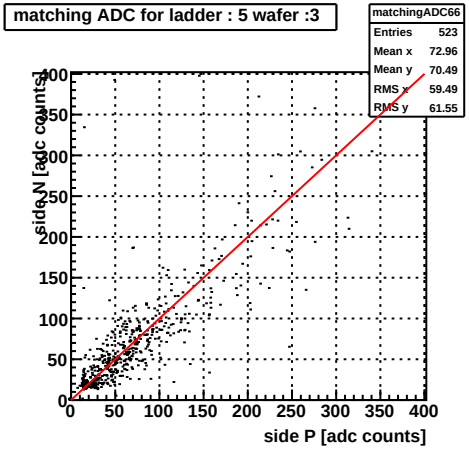

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 296
Mean x 69.01
Mean y 70.07
RMS x 59.17
RMS y 57.46
side N [adc counts]
side P [adc counts]

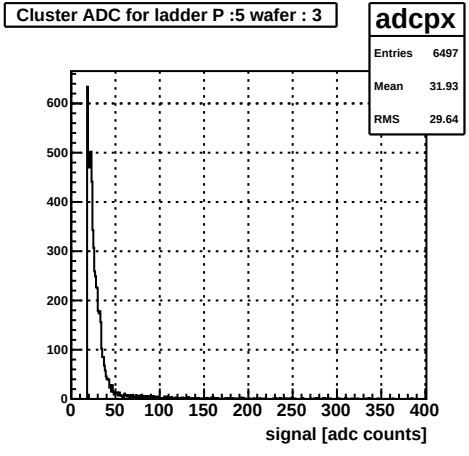

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 2561
Mean 36.91
RMS 36.78
signal [adc counts]

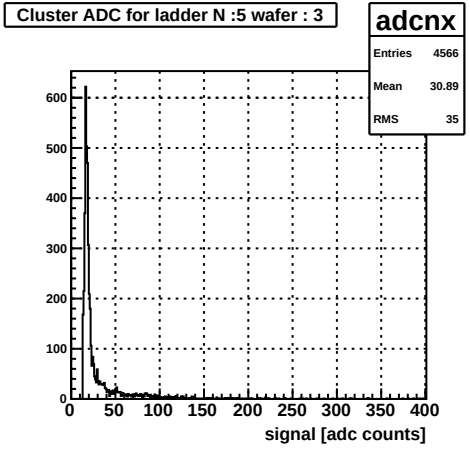

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 5547
Mean 29.67
RMS 30.68
signal [adc counts]

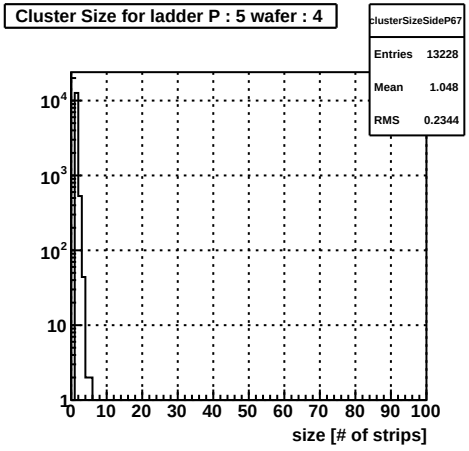

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 6497
Mean 1.042
RMS 0.2343
size [# of strips]

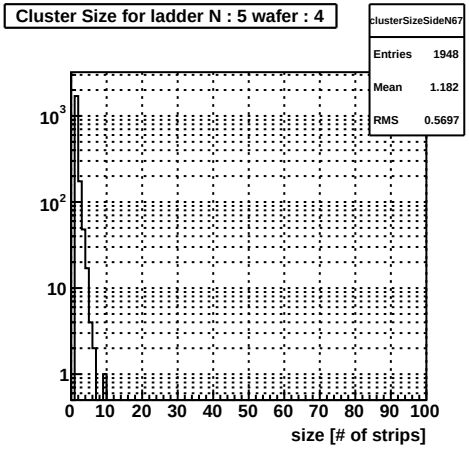

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 4566
Mean 1.274
RMS 0.7061
size [# of strips]

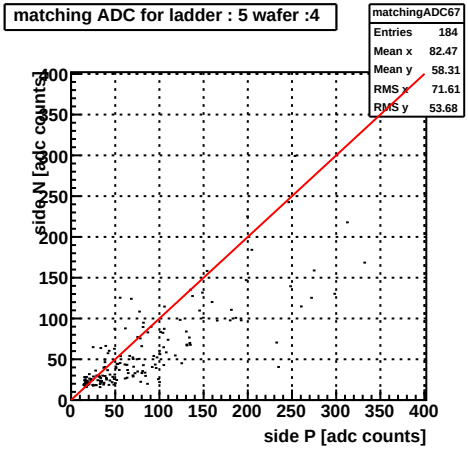

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 523
Mean x 72.96
Mean y 70.49
RMS x 59.49
RMS y 61.55
side N [adc counts]
side P [adc counts]

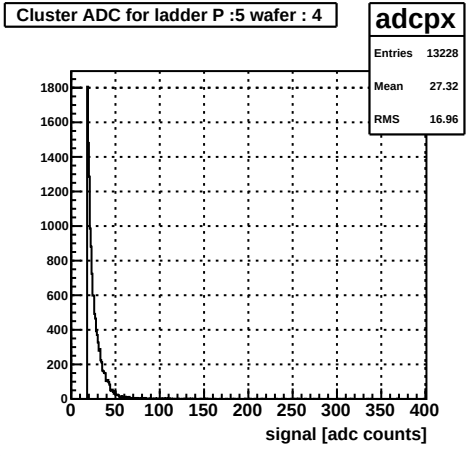

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 6497
Mean 31.93
RMS 29.64
signal [adc counts]

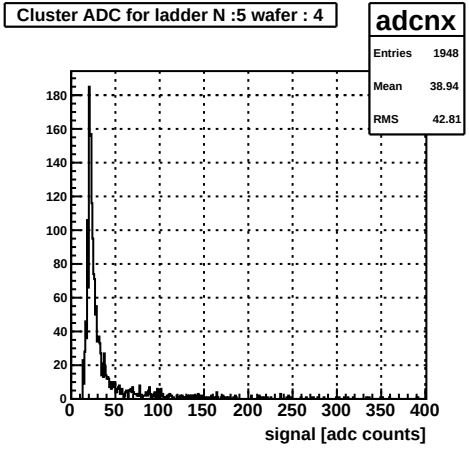

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 4566
Mean 30.89
RMS 35
signal [adc counts]

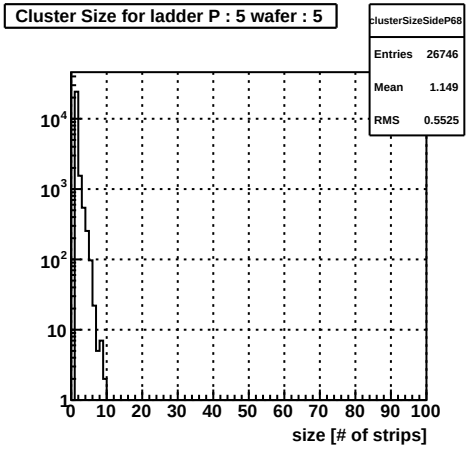

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 13228
Mean 1.048
RMS 0.2344
size [# of strips]

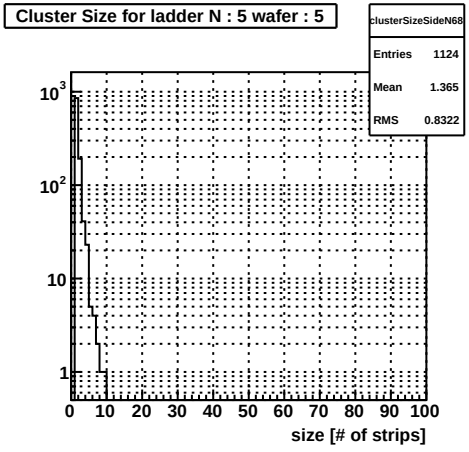

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 1948
Mean 1.182
RMS 0.5697
size [# of strips]

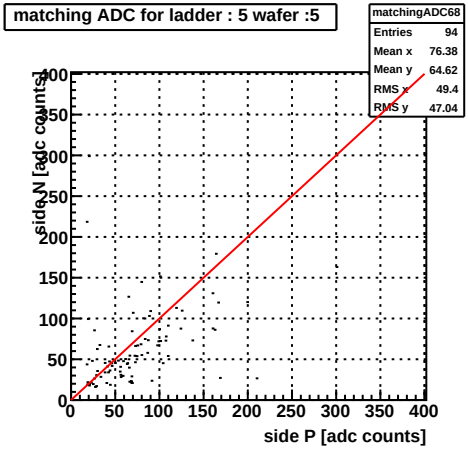

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 184
Mean x 82.47
Mean y 58.31
RMS x 71.61
RMS y 53.68
side N [adc counts]
side P [adc counts]

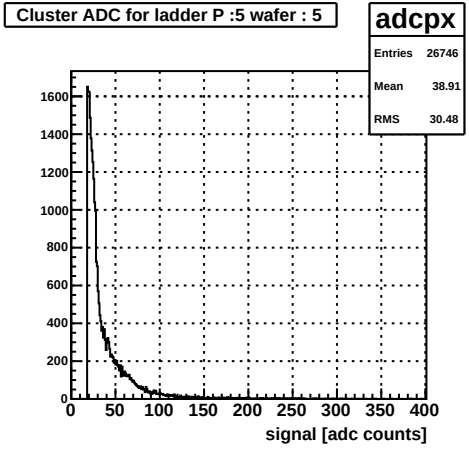

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 13228
Mean 27.32
RMS 16.96
signal [adc counts]

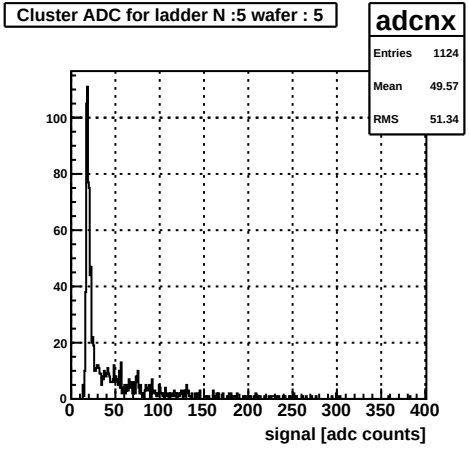

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 1948
Mean 38.94
RMS 42.81
signal [adc counts]

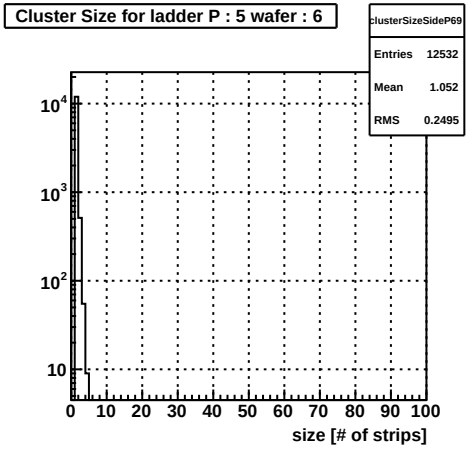

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 26746
Mean 1.149
RMS 0.5525
size [# of strips]

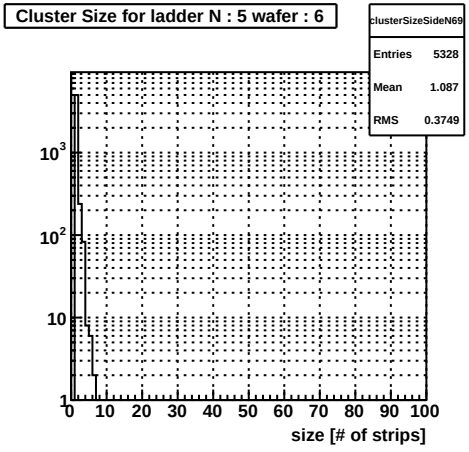

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 1124
Mean 1.365
RMS 0.8322
size [# of strips]

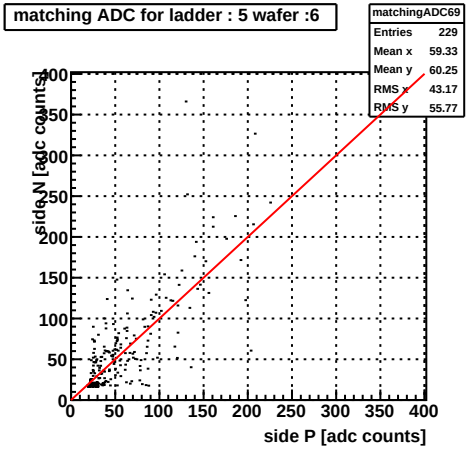

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 94
Mean x 76.38
Mean y 64.62
RMS x 49.4
RMS y 47.04
side N [adc counts]
side P [adc counts]

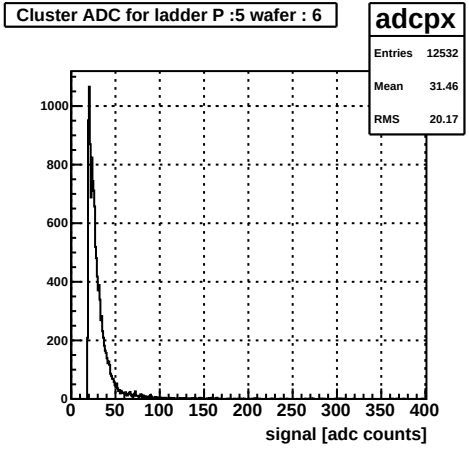

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 26746
Mean 38.91
RMS 30.48
signal [adc counts]

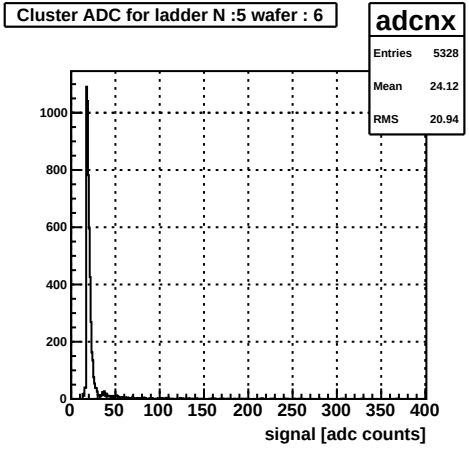

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 1124
Mean 49.57
RMS 51.34
signal [adc counts]

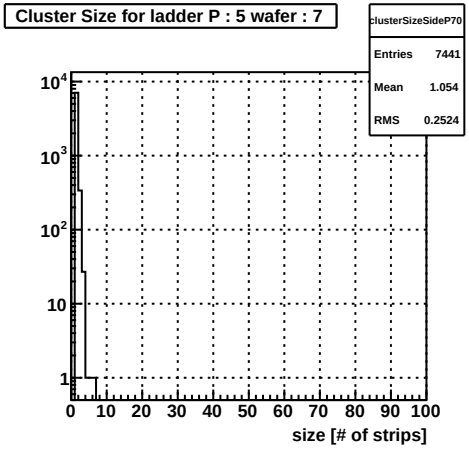

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 12532
Mean 1.052
RMS 0.2495
size [# of strips]

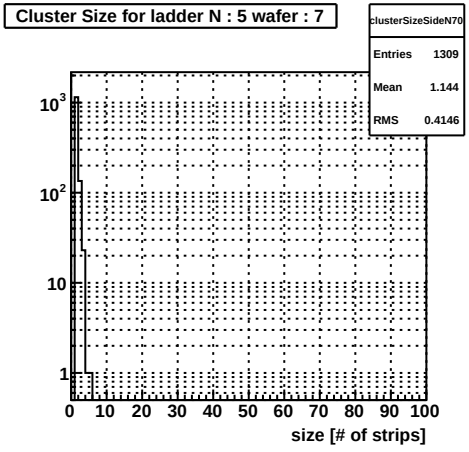

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 5328
Mean 1.087
RMS 0.3749
size [# of strips]

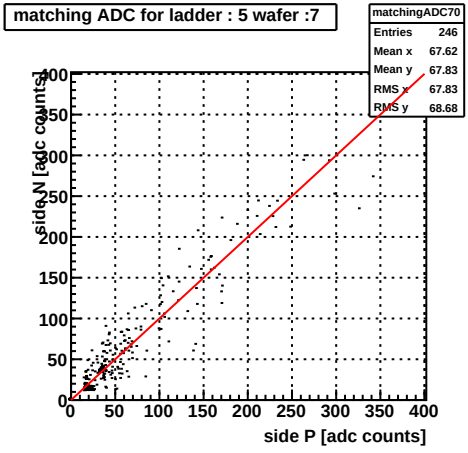

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 229
Mean x 59.33
Mean y 60.25
RMS x 43.17
RMS y 55.77
side N [adc counts]
side P [adc counts]

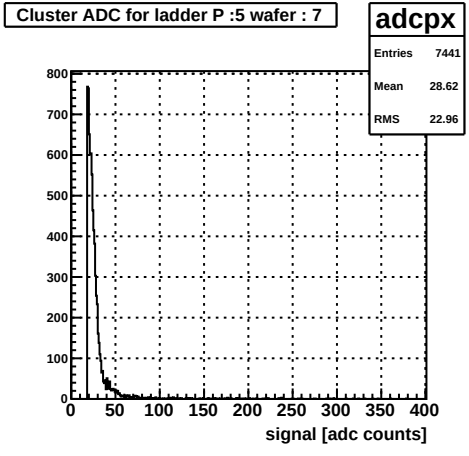

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 12532
Mean 31.46
RMS 20.17
signal [adc counts]

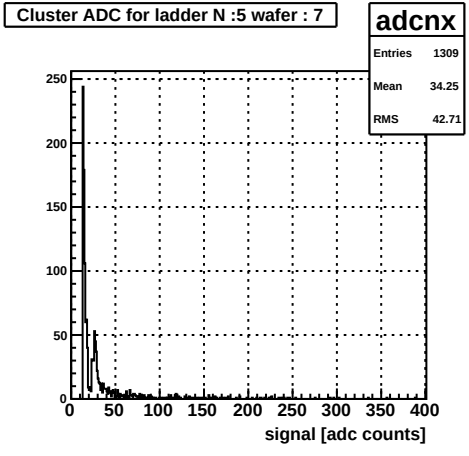

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 5328
Mean 24.12
RMS 20.94
signal [adc counts]

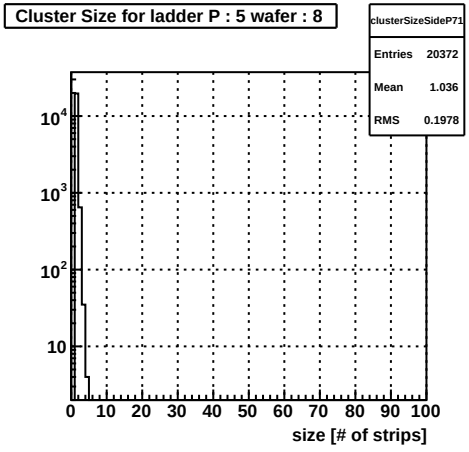

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 7441
Mean 1.054
RMS 0.2524
size [# of strips]

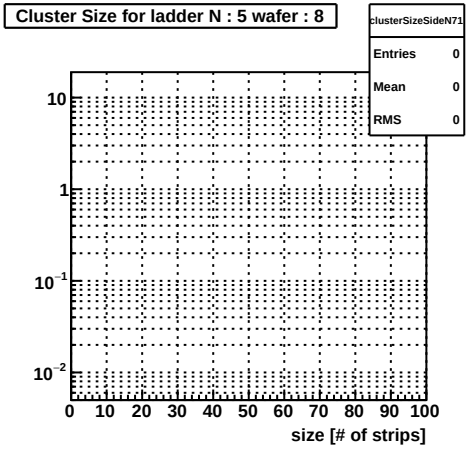

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1309
Mean 1.144
RMS 0.4146
size [# of strips]

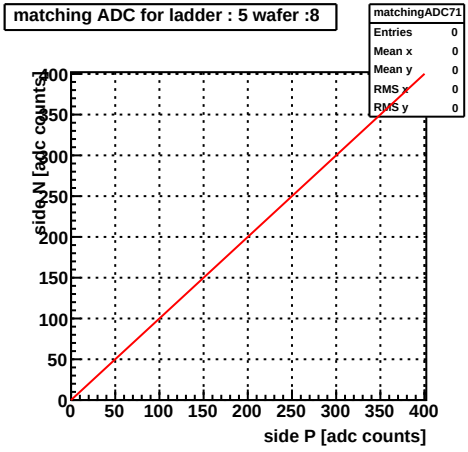

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 246
Mean x 67.62
Mean y 67.83
RMS x 67.83
RMS y 68.68
side N [adc counts]
side P [adc counts]

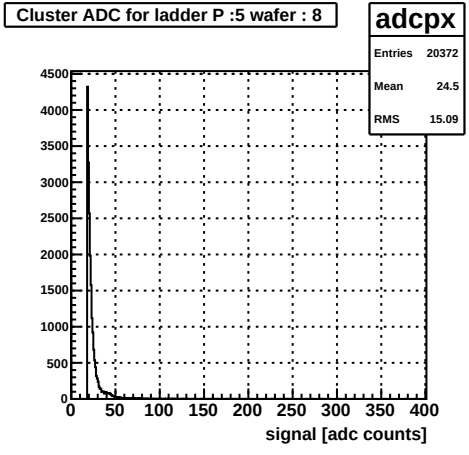

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 7441
Mean 28.62
RMS 22.96
signal [adc counts]

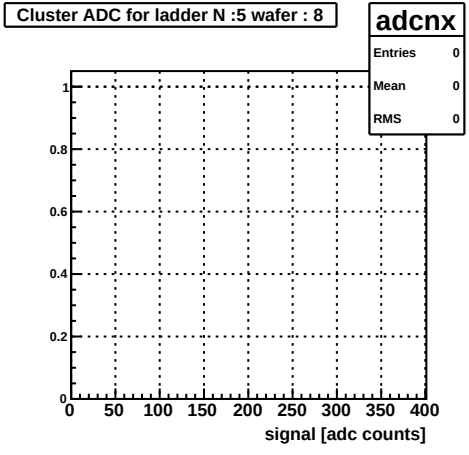

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1309
Mean 34.25
RMS 42.71
signal [adc counts]

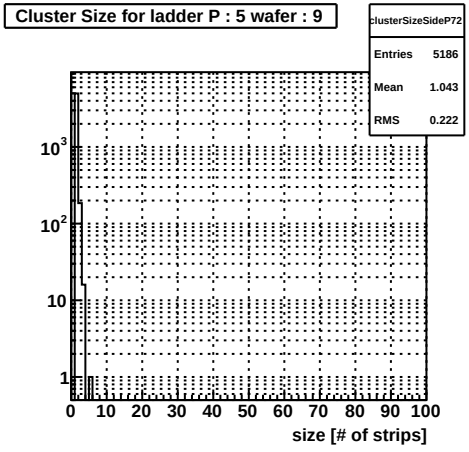

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 20372
Mean 1.036
RMS 0.1978
size [# of strips]

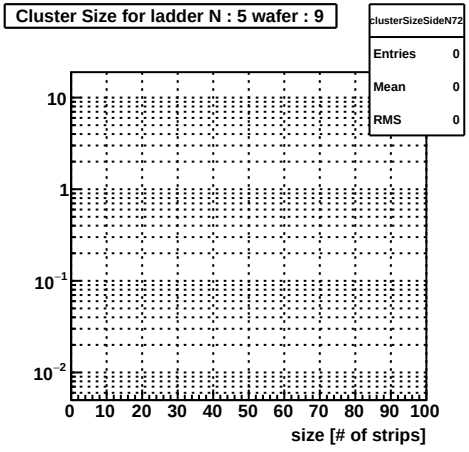

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

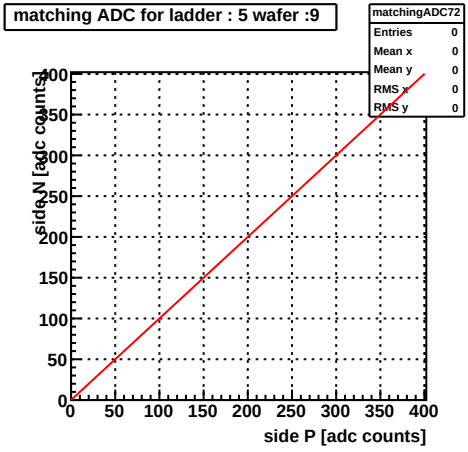

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

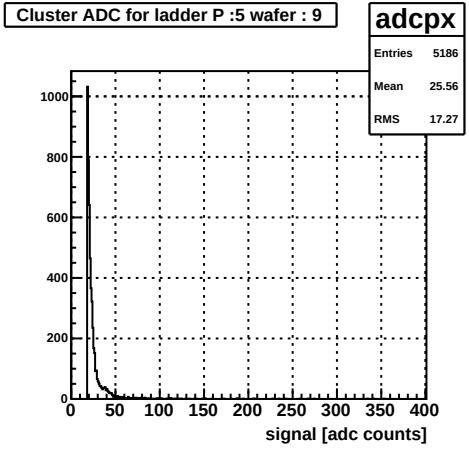

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 20372
Mean 24.5
RMS 15.09
signal [adc counts]

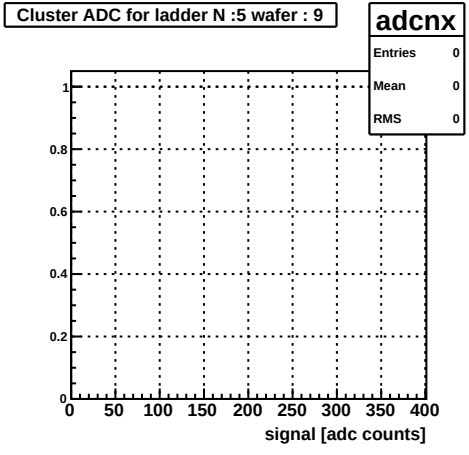

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

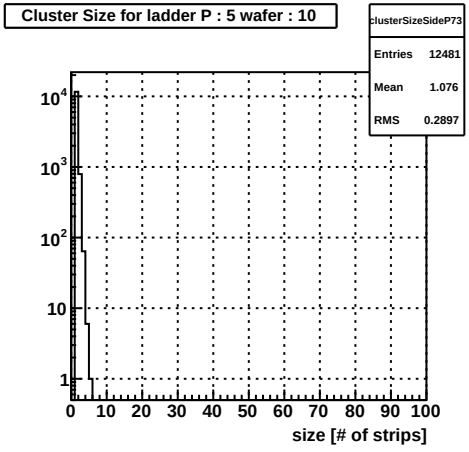

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 5186
Mean 1.043
RMS 0.222
size [# of strips]

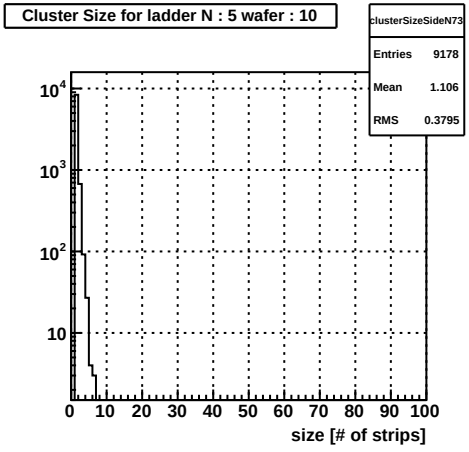

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

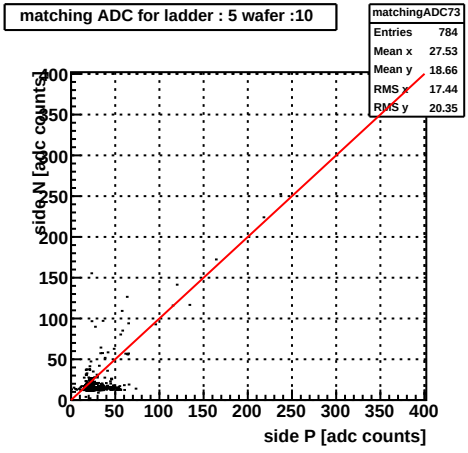

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

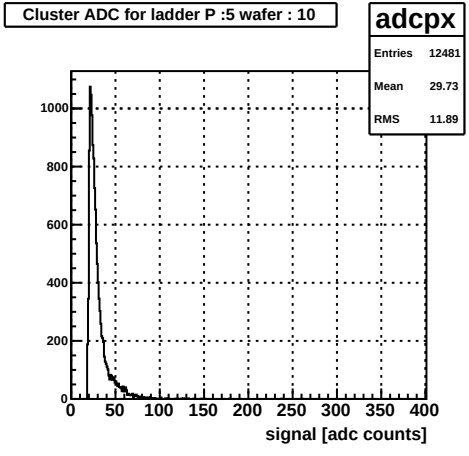

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 5186
Mean 25.56
RMS 17.27
signal [adc counts]

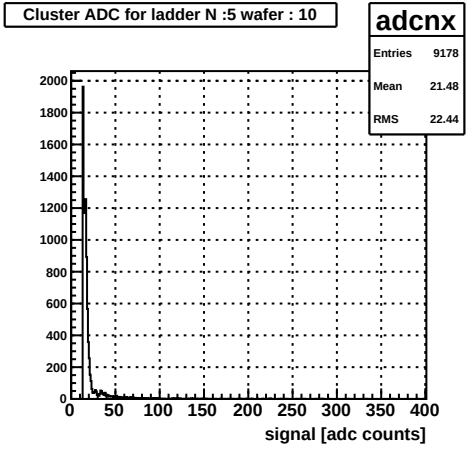

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

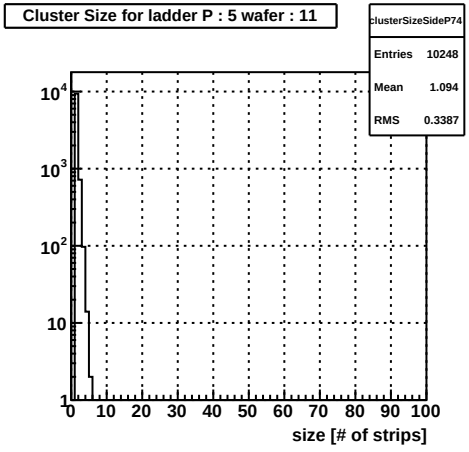

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 12481
Mean 1.076
RMS 0.2897
size [# of strips]

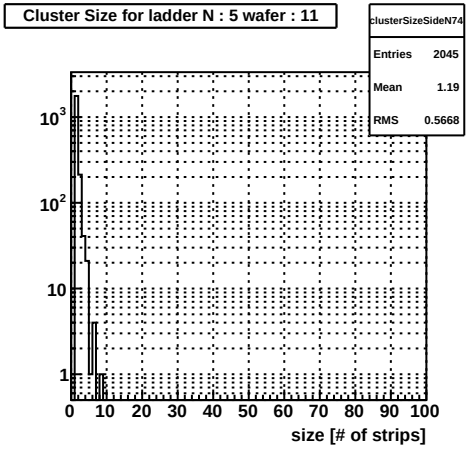

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 9178
Mean 1.106
RMS 0.3795
size [# of strips]

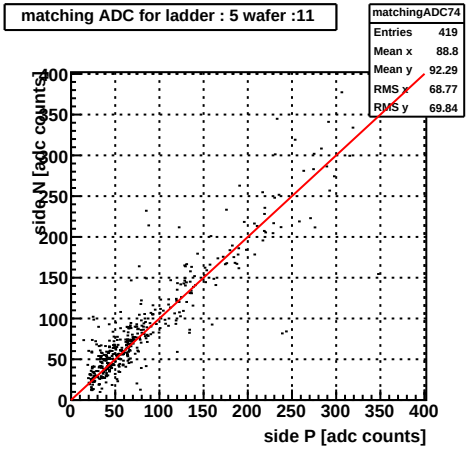

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 784
Mean x 27.53
Mean y 18.66
RMS x 17.44
RMS y 20.35
side N [adc counts]
side P [adc counts]

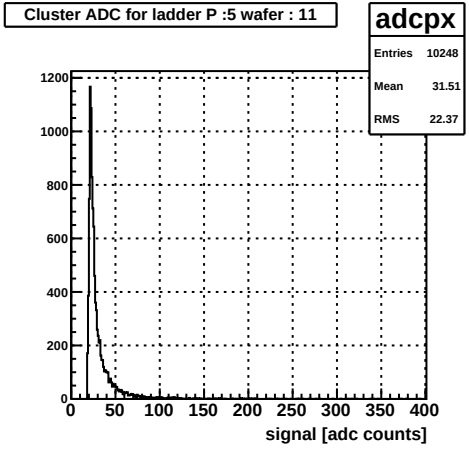

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 12481
Mean 29.73
RMS 11.89
signal [adc counts]

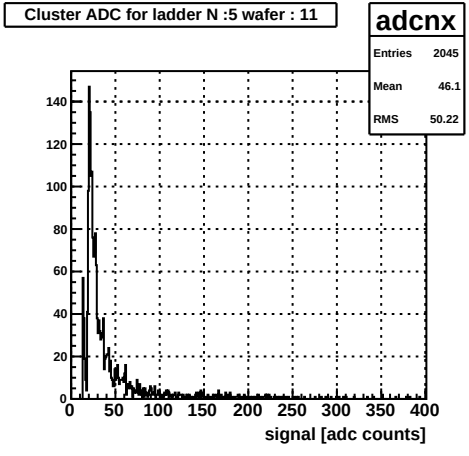

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 9178
Mean 21.48
RMS 22.44
signal [adc counts]

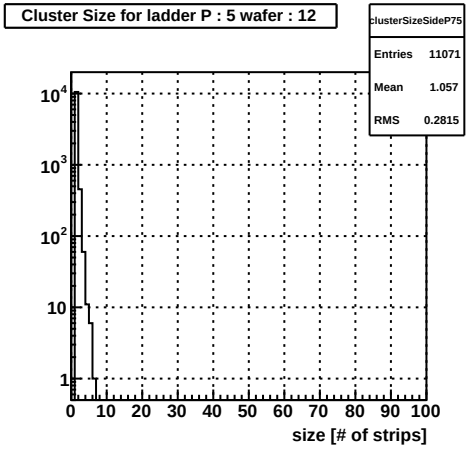

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 10248
Mean 1.094
RMS 0.3387
size [# of strips]

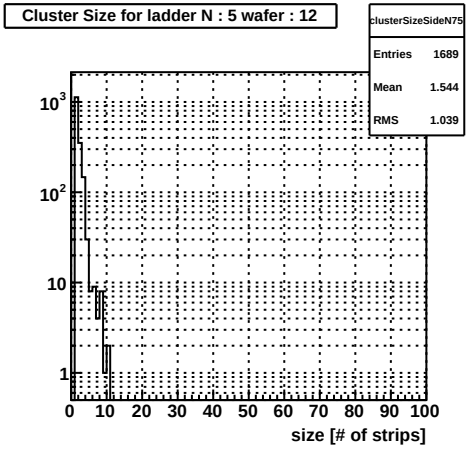

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 2045
Mean 1.19
RMS 0.5668
size [# of strips]

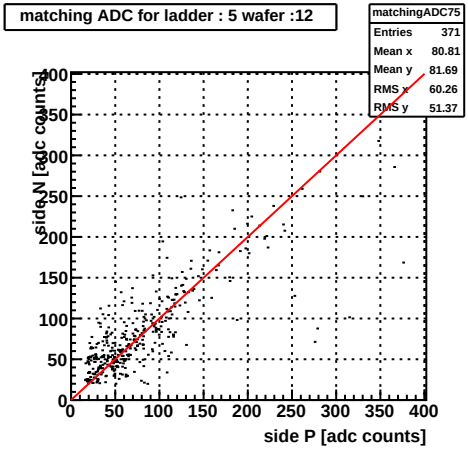

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 419
Mean x 88.8
Mean y 92.29
RMS x 68.77
RMS y 69.84
side N [adc counts]
side P [adc counts]

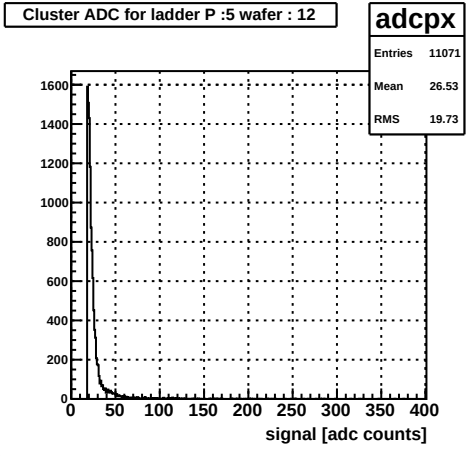

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 10248
Mean 31.51
RMS 22.37
signal [adc counts]

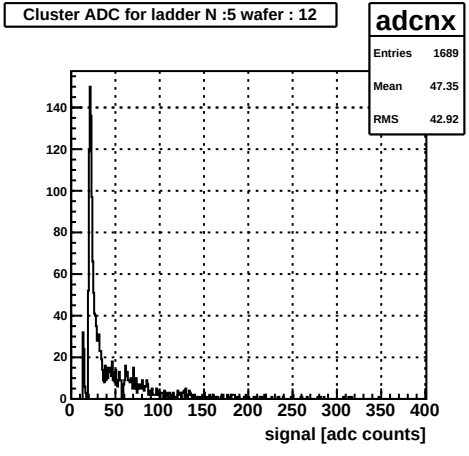

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 2045
Mean 46.1
RMS 50.22
signal [adc counts]

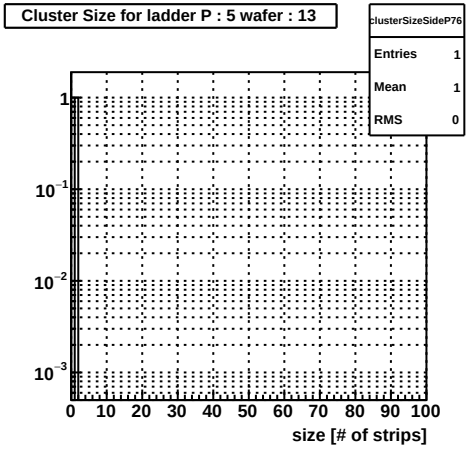

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 11071
Mean 1.057
RMS 0.2815
size [# of strips]

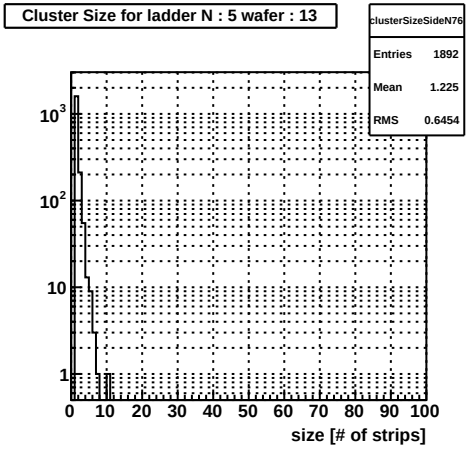

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 1689
Mean 1.544
RMS 1.039
size [# of strips]

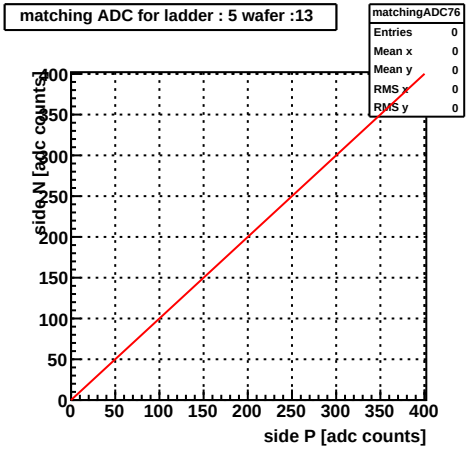

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 371
Mean x 80.81
Mean y 81.69
RMS x 60.26
RMS y 51.37
side N [adc counts]
side P [adc counts]

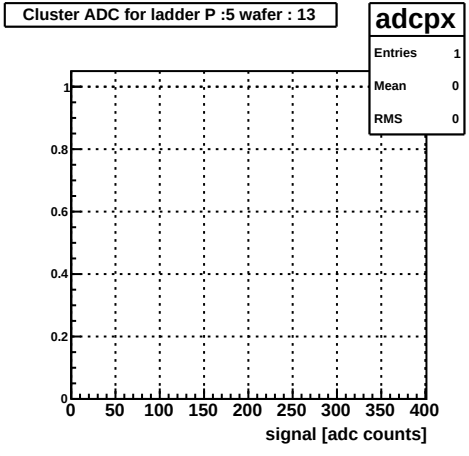

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 11071
Mean 26.53
RMS 19.73
signal [adc counts]

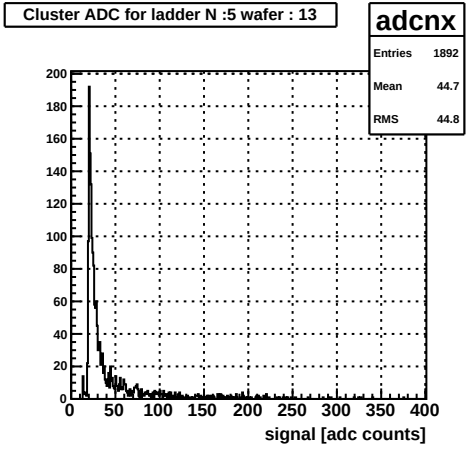

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 1689
Mean 47.35
RMS 42.92
signal [adc counts]

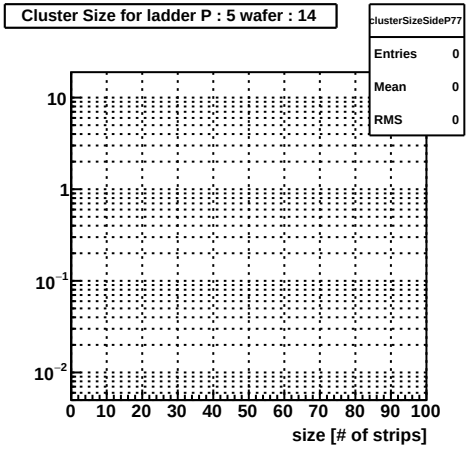

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 1
Mean 1
RMS 0
size [# of strips]

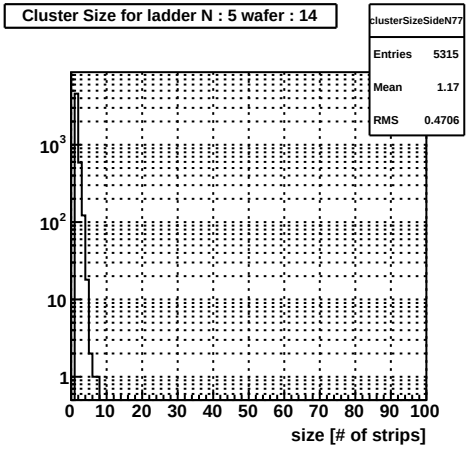

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 1892
Mean 1.225
RMS 0.6454
size [# of strips]

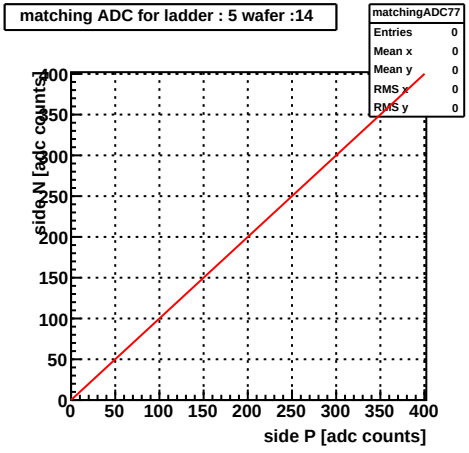

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

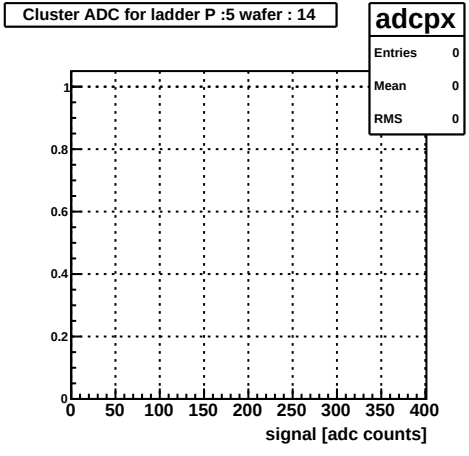

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

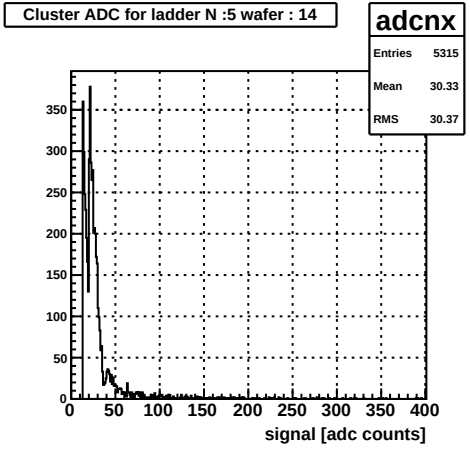

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 1892
Mean 44.7
RMS 44.8
signal [adc counts]

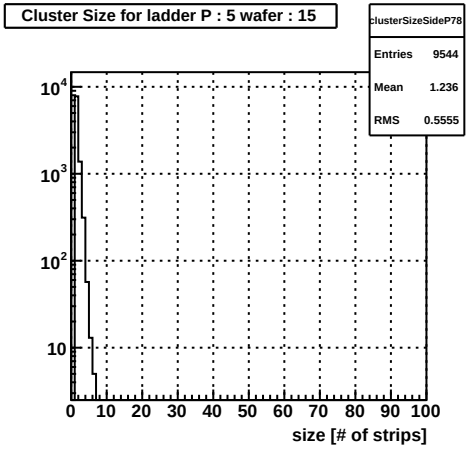

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

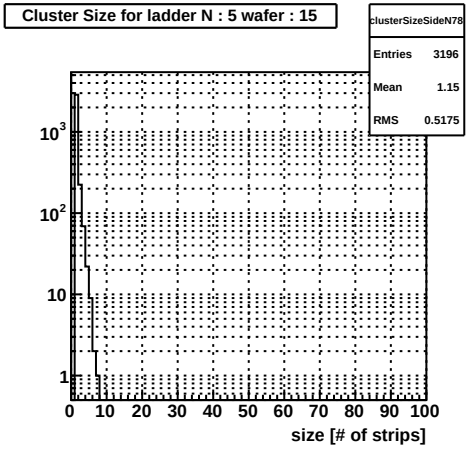

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 5315
Mean 1.17
RMS 0.4706
size [# of strips]

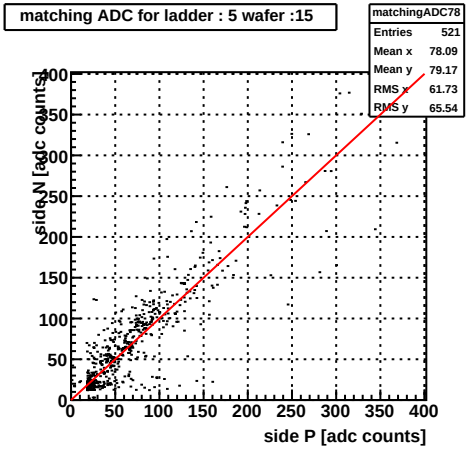

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

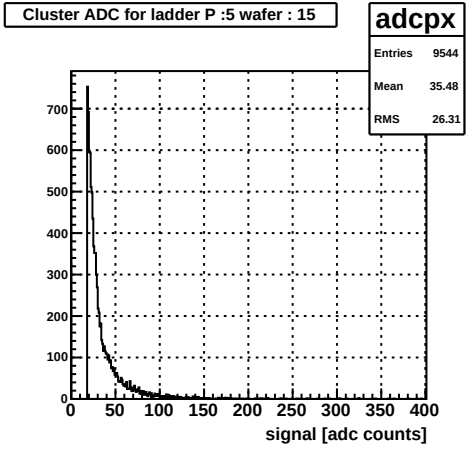

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

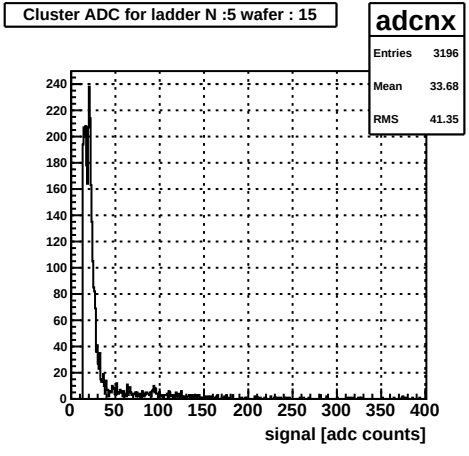

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 5315
Mean 30.33
RMS 30.37
signal [adc counts]

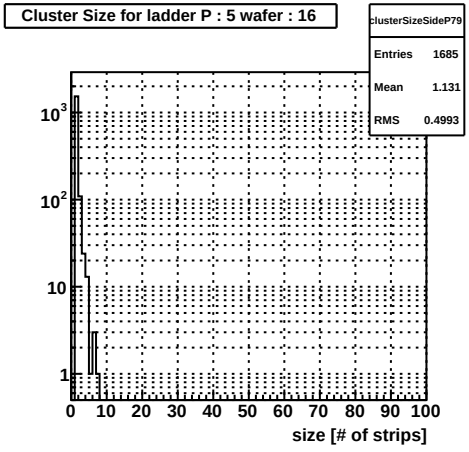

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 9544
Mean 1.236
RMS 0.5555
size [# of strips]

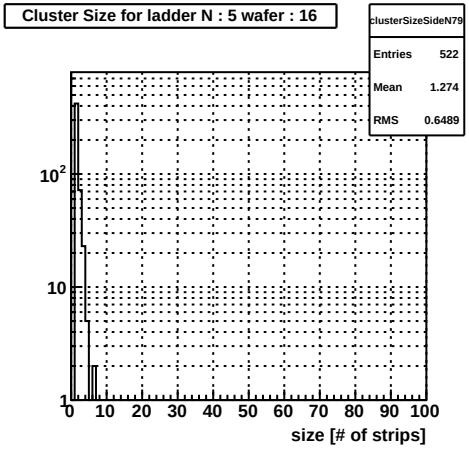

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 3196
Mean 1.15
RMS 0.5175
size [# of strips]

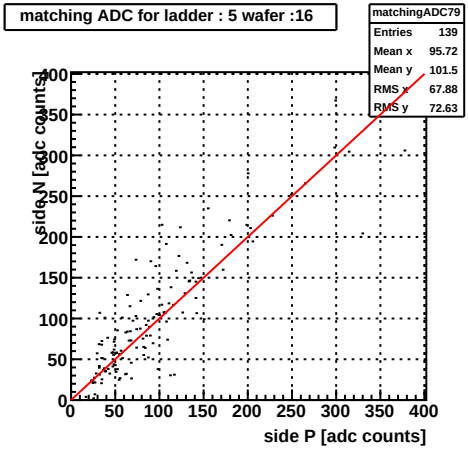

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 521
Mean x 78.09
Mean y 79.17
RMS x 61.73
RMS y 65.54
side N [adc counts]
side P [adc counts]

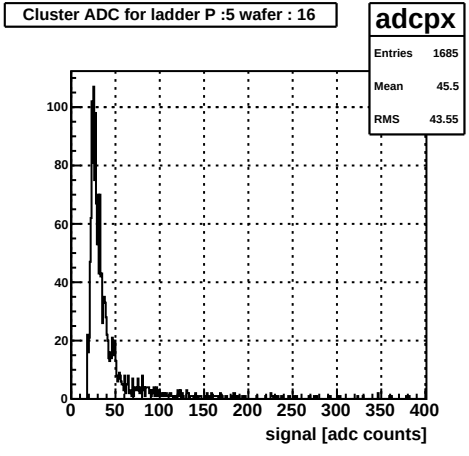

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 9544
Mean 35.48
RMS 26.31
signal [adc counts]

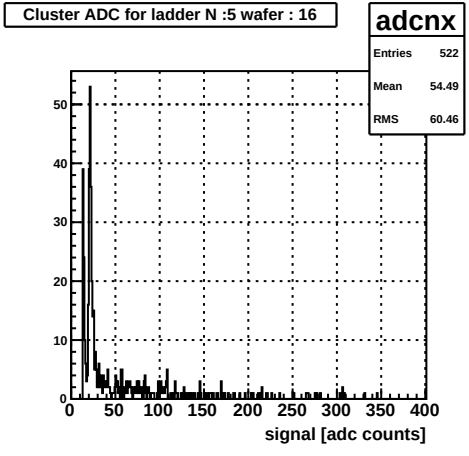

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 3196
Mean 33.68
RMS 41.35
signal [adc counts]

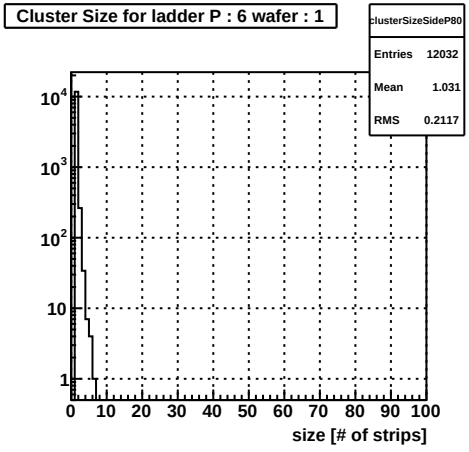

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 1685
Mean 1.131
RMS 0.4993
size [# of strips]

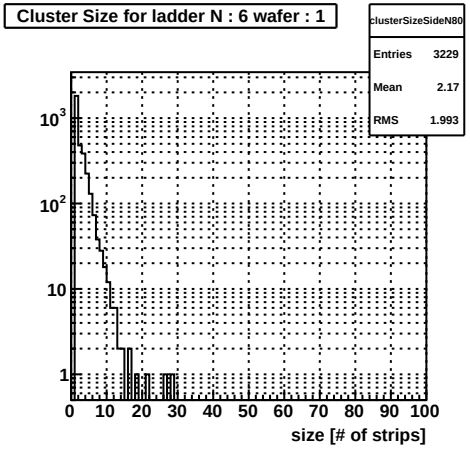

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 522
Mean 1.274
RMS 0.6489
size [# of strips]

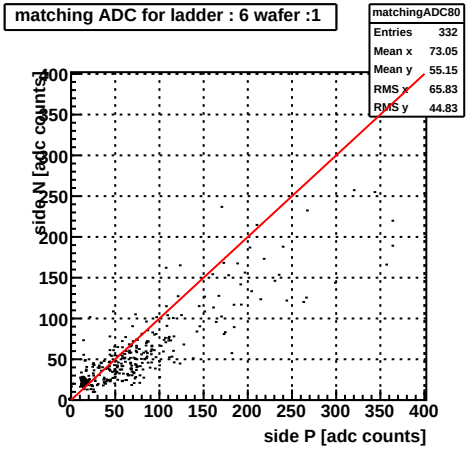

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 139
Mean x 95.72
Mean y 101.5
RMS x 67.88
RMS y 72.63
side N [adc counts]
side P [adc counts]

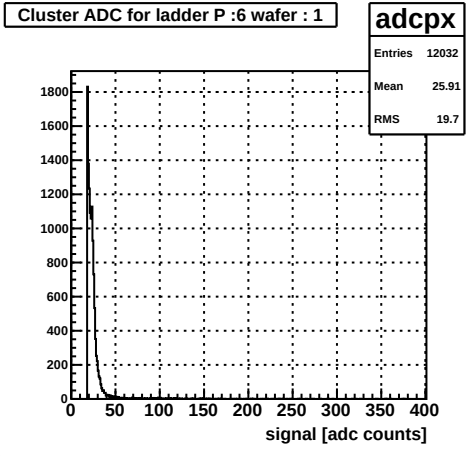

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 1685
Mean 45.5
RMS 43.55
signal [adc counts]

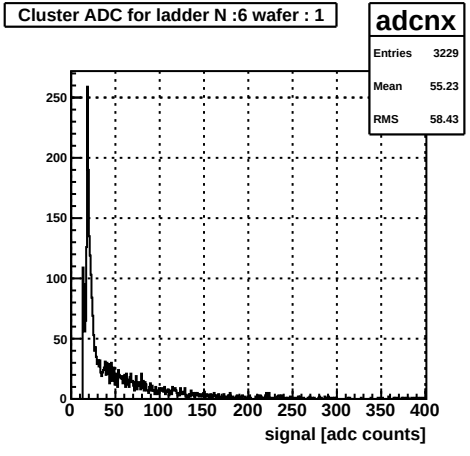

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 522
Mean 54.49
RMS 60.46
signal [adc counts]

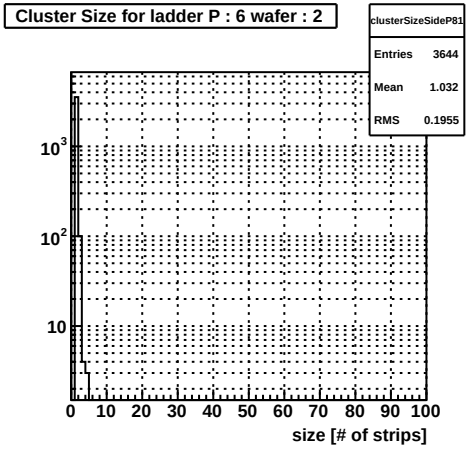

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 12032
Mean 1.031
RMS 0.2117
size [# of strips]

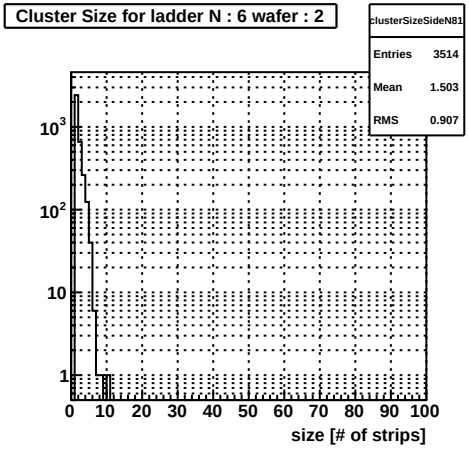

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 3229
Mean 2.17
RMS 1.993
size [# of strips]

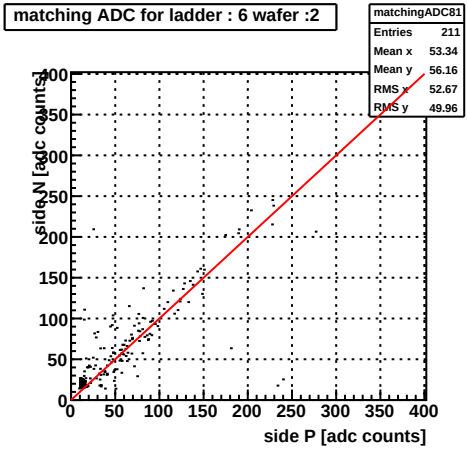

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 332
Mean x 73.05
Mean y 55.15
RMS x 65.83
RMS y 44.83
side N [adc counts]
side P [adc counts]

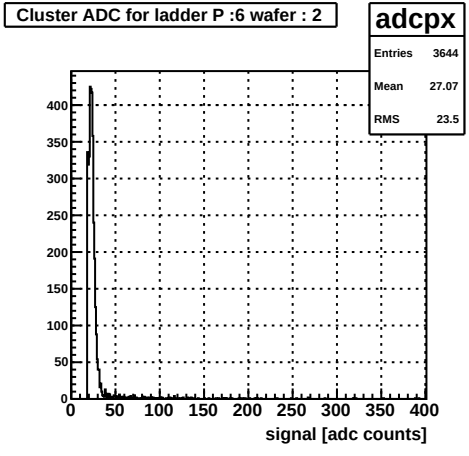

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 12032
Mean 25.91
RMS 19.7
signal [adc counts]

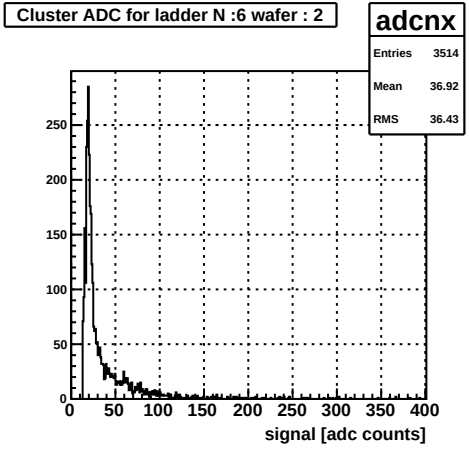

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 3229
Mean 55.23
RMS 58.43
signal [adc counts]

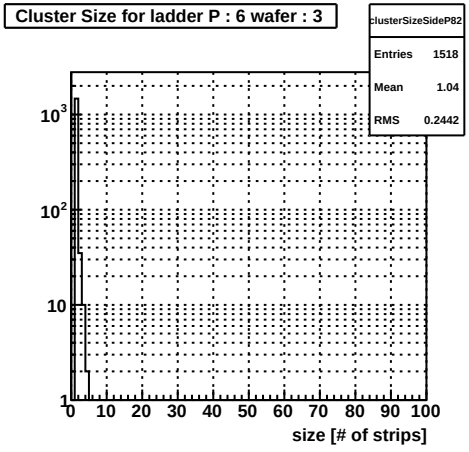

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 3644
Mean 1.032
RMS 0.1955
size [# of strips]

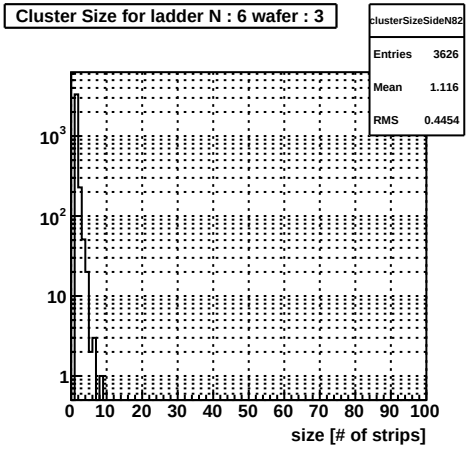

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 3514
Mean 1.503
RMS 0.907
size [# of strips]

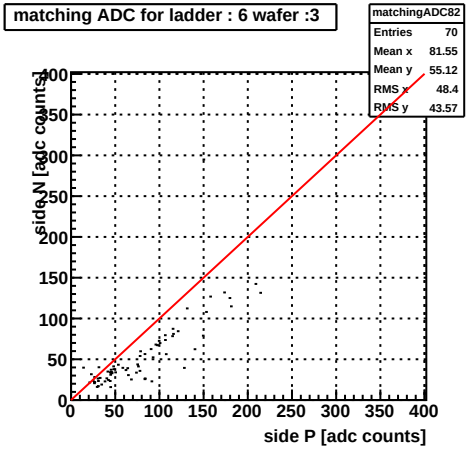

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 211
Mean x 53.34
Mean y 56.16
RMS x 52.67
RMS y 49.96
side N [adc counts]
side P [adc counts]

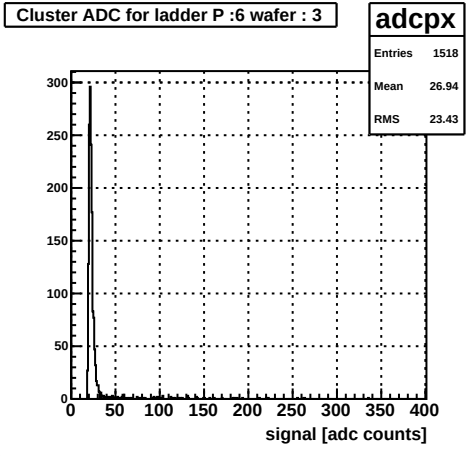

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 3644
Mean 27.07
RMS 23.5
signal [adc counts]

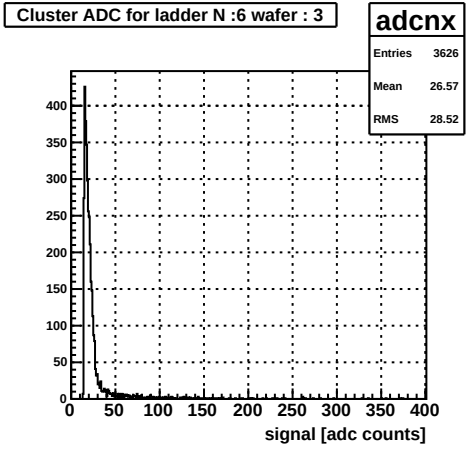

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 3514
Mean 36.92
RMS 36.43
signal [adc counts]

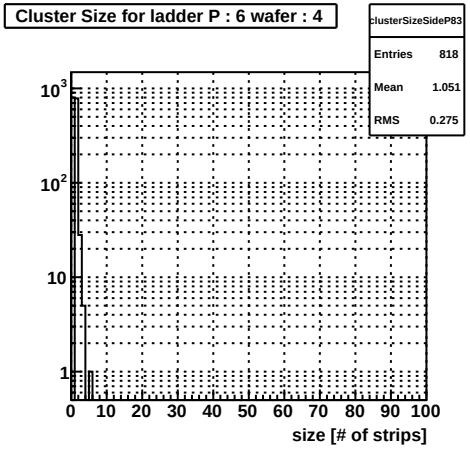

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1518
Mean 1.04
RMS 0.2442
size [# of strips]

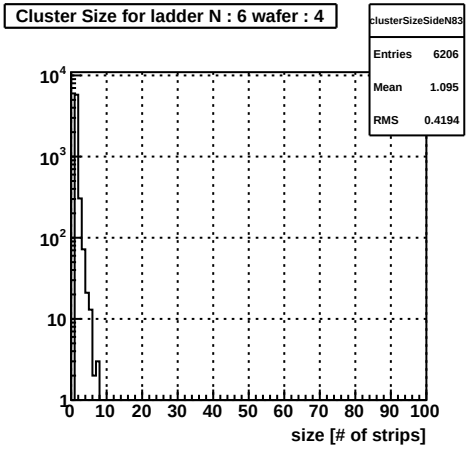

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 3626
Mean 1.116
RMS 0.4454
size [# of strips]

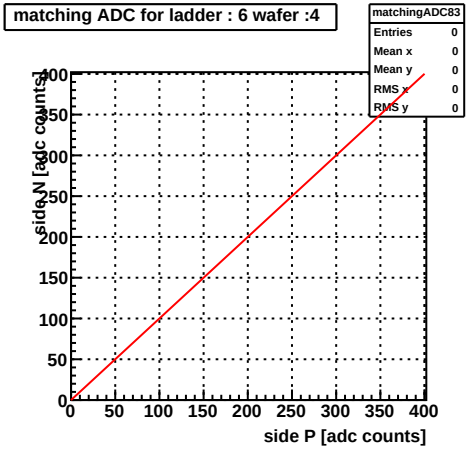

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 70
Mean x 81.55
Mean y 55.12
RMS x 48.4
RMS y 43.57
side N [adc counts]
side P [adc counts]

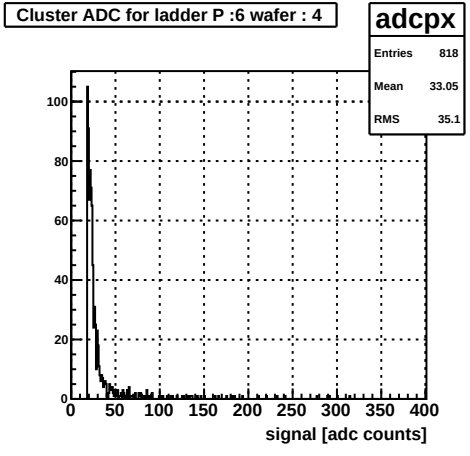

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1518
Mean 26.94
RMS 23.43
signal [adc counts]

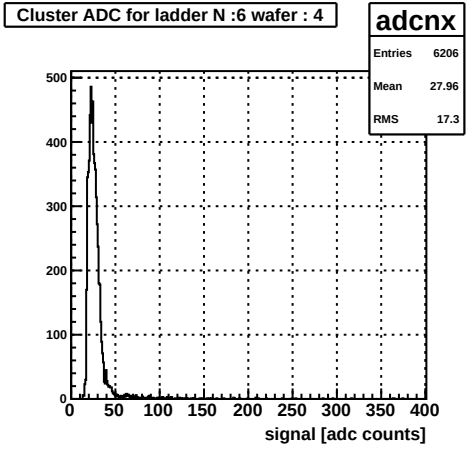

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 3626
Mean 26.57
RMS 28.52
signal [adc counts]

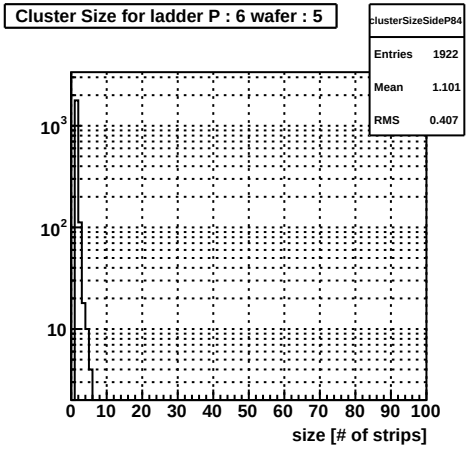

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 818
Mean 1.051
RMS 0.275
size [# of strips]

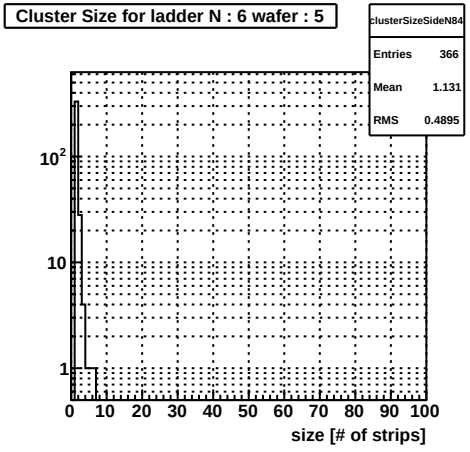

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 6206
Mean 1.095
RMS 0.4194
size [# of strips]

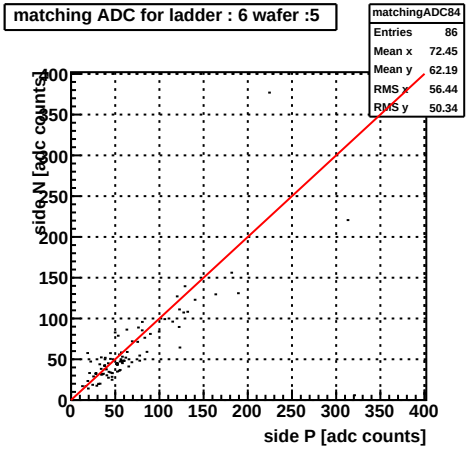

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

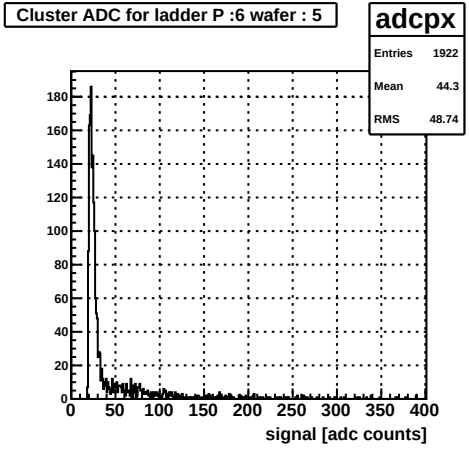

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 818
Mean 33.05
RMS 35.1
signal [adc counts]

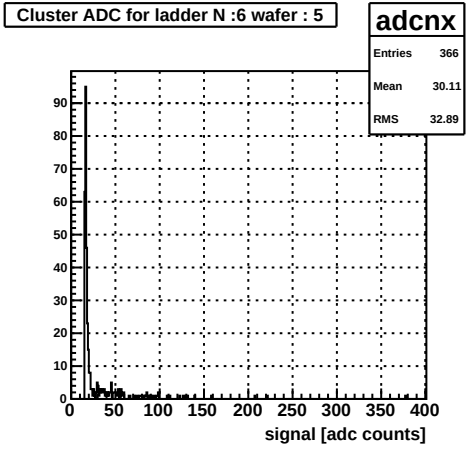

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 6206
Mean 27.96
RMS 17.3
signal [adc counts]

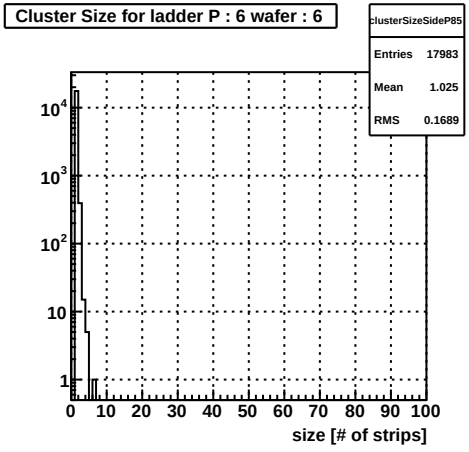

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 1922
Mean 1.101
RMS 0.407
size [# of strips]

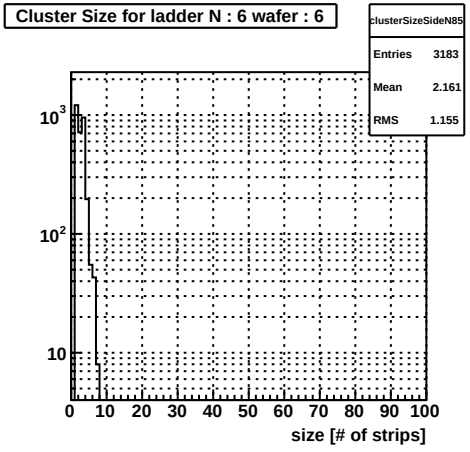

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 366
Mean 1.131
RMS 0.4895
size [# of strips]

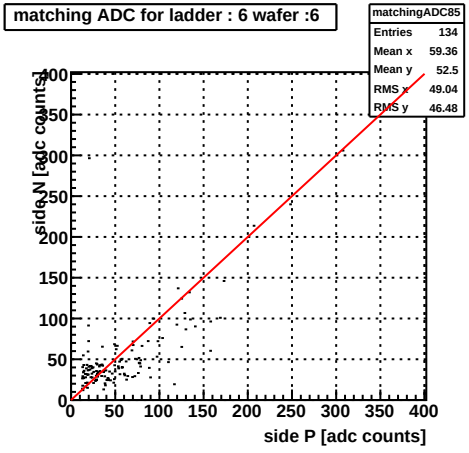

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 86
Mean x 72.45
Mean y 62.19
RMS x 56.44
RMS y 50.34
side N [adc counts]
side P [adc counts]

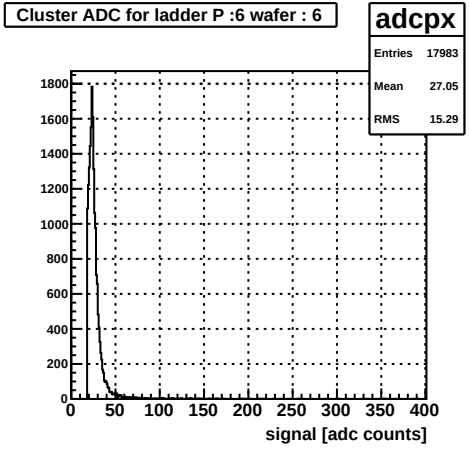

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 1922
Mean 44.3
RMS 48.74
signal [adc counts]

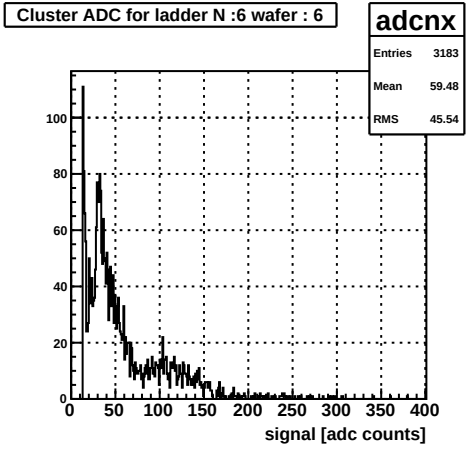

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 366
Mean 30.11
RMS 32.89
signal [adc counts]

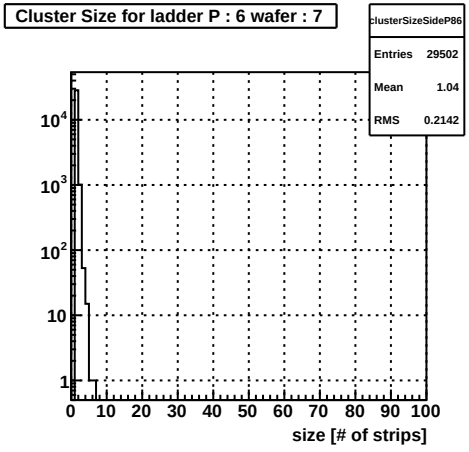

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 17983
Mean 1.025
RMS 0.1689
size [# of strips]

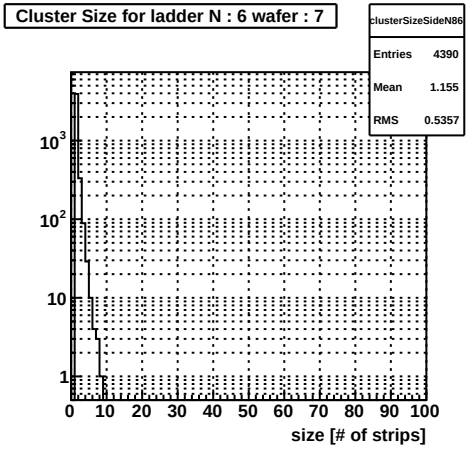

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 3183
Mean 2.161
RMS 1.155
size [# of strips]

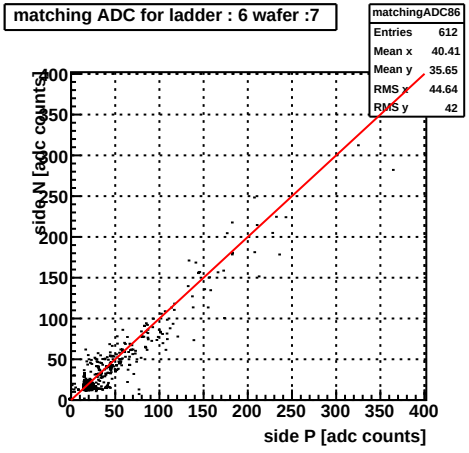

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 134
Mean x 59.36
Mean y 52.5
RMS x 49.04
RMS y 46.48
side N [adc counts]
side P [adc counts]

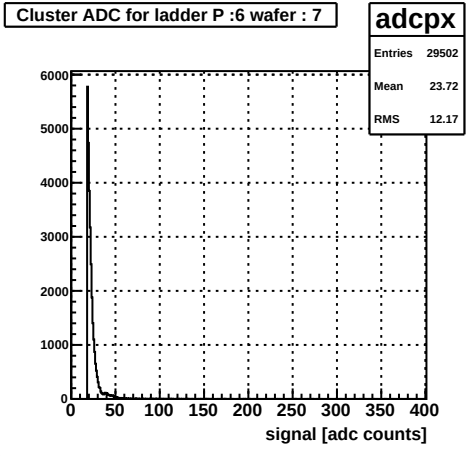

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 17983
Mean 27.05
RMS 15.29
signal [adc counts]

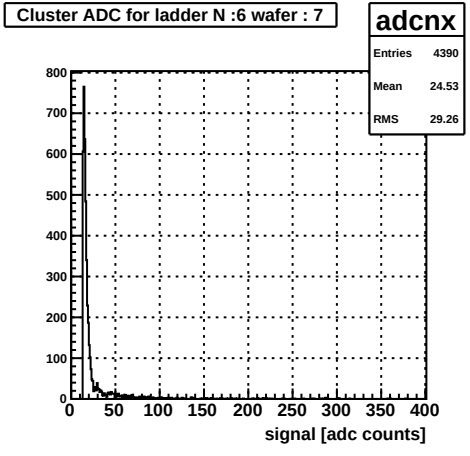

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 3183
Mean 59.48
RMS 45.54
signal [adc counts]

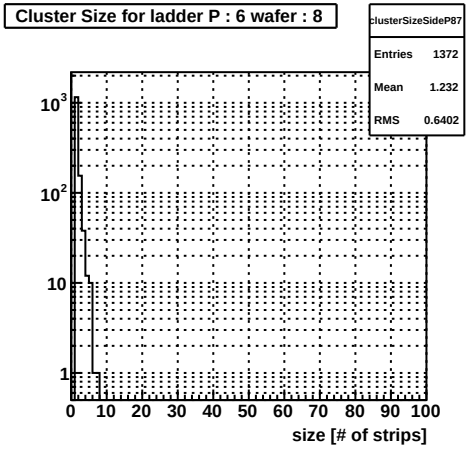

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 29502
Mean 1.04
RMS 0.2142
size [# of strips]

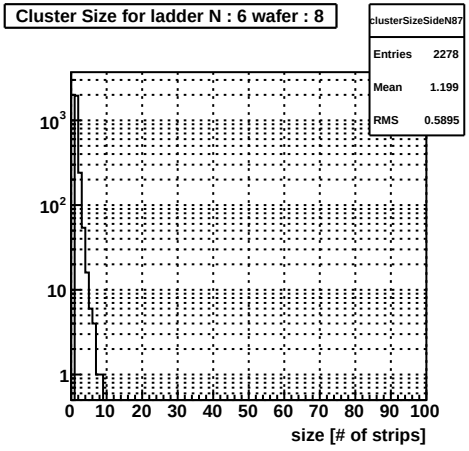

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 4390
Mean 1.155
RMS 0.5357
size [# of strips]

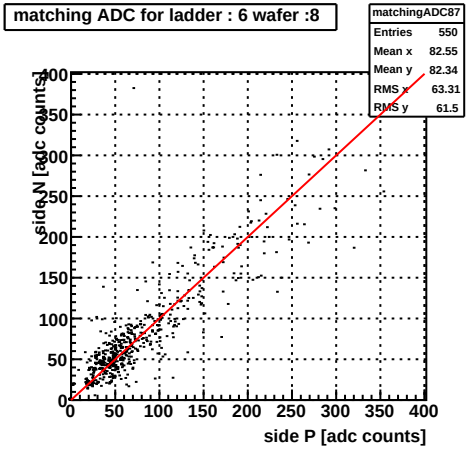

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 612
Mean x 40.41
Mean y 35.65
RMS x 44.64
RMS y 42
side N [adc counts]
side P [adc counts]

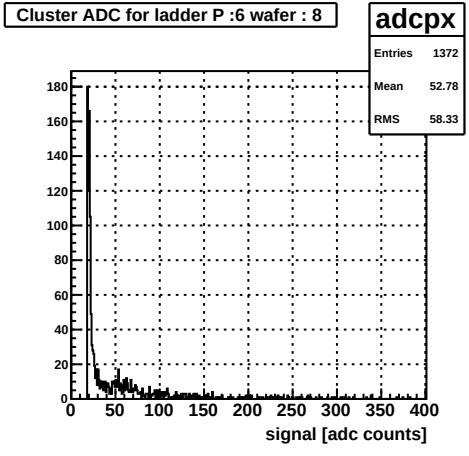

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 29502
Mean 23.72
RMS 12.17
signal [adc counts]

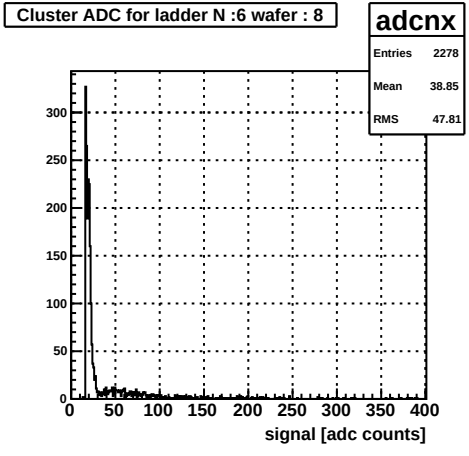

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 4390
Mean 24.53
RMS 29.26
signal [adc counts]

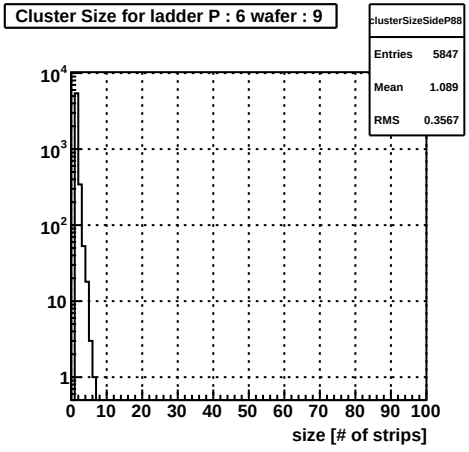

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1372
Mean 1.232
RMS 0.6402
size [# of strips]

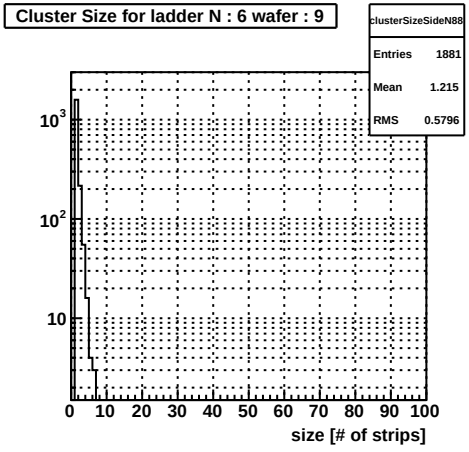

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 2278
Mean 1.199
RMS 0.5895
size [# of strips]

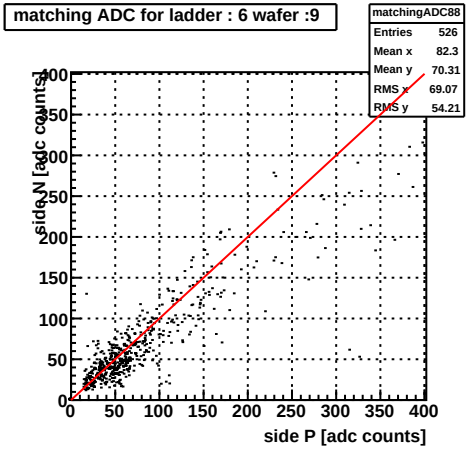

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 550
Mean x 82.55
Mean y 82.34
RMS x 63.31
RMS y 61.5
side N [adc counts]
side P [adc counts]

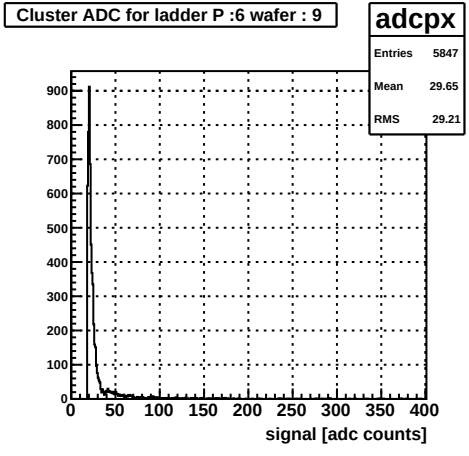

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1372
Mean 52.78
RMS 58.33
signal [adc counts]

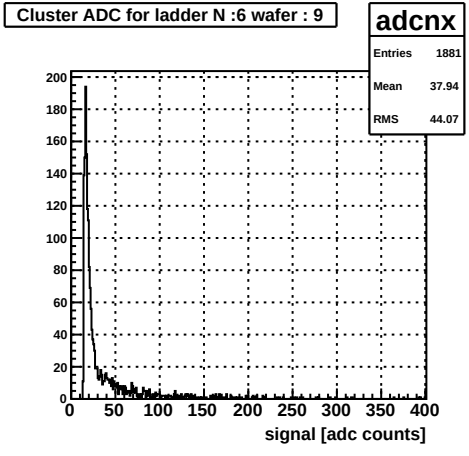

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 2278
Mean 38.85
RMS 47.81
signal [adc counts]

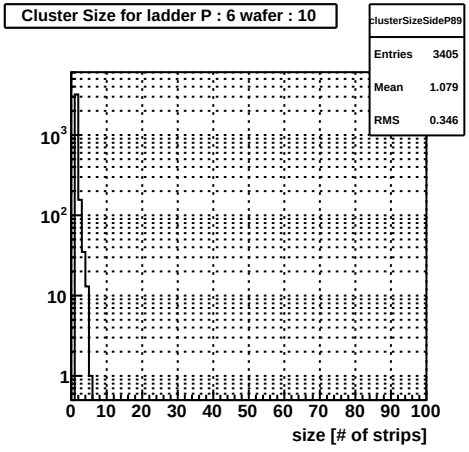

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 5847
Mean 1.089
RMS 0.3567
size [# of strips]

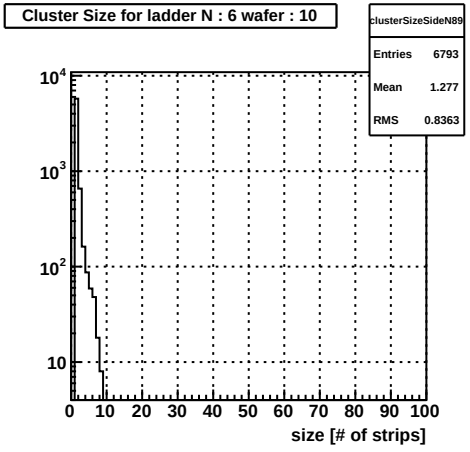

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 1881
Mean 1.215
RMS 0.5796
size [# of strips]

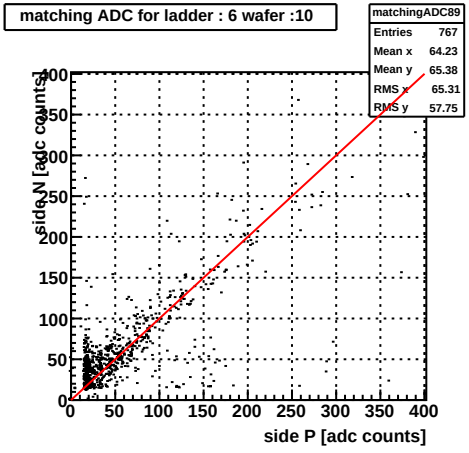

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 526
Mean x 82.3
Mean y 70.31
RMS x 69.07
RMS y 54.21
side N [adc counts]
side P [adc counts]

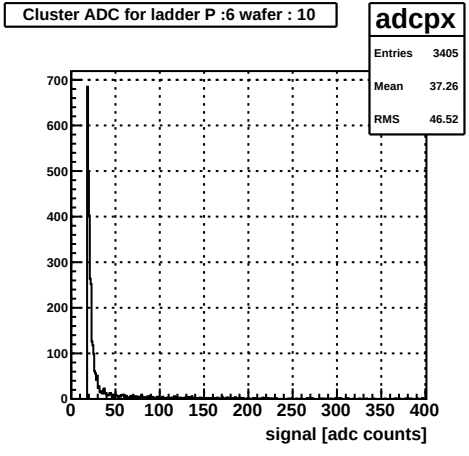

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 5847
Mean 29.65
RMS 29.21
signal [adc counts]

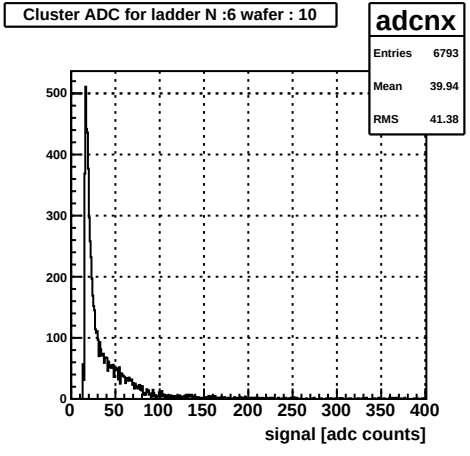

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 1881
Mean 37.94
RMS 44.07
signal [adc counts]

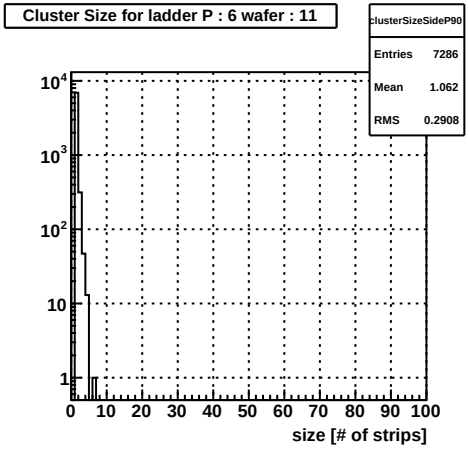

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 3405
Mean 1.079
RMS 0.346
size [# of strips]

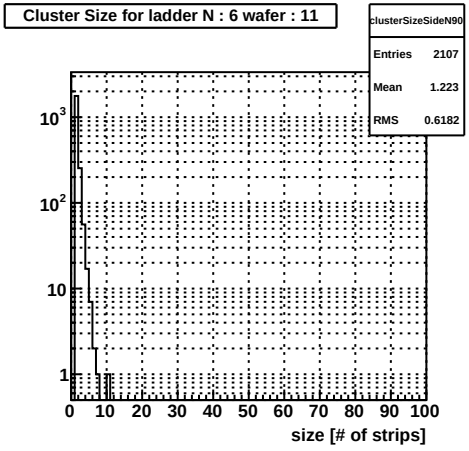

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 6793
Mean 1.277
RMS 0.8363
size [# of strips]

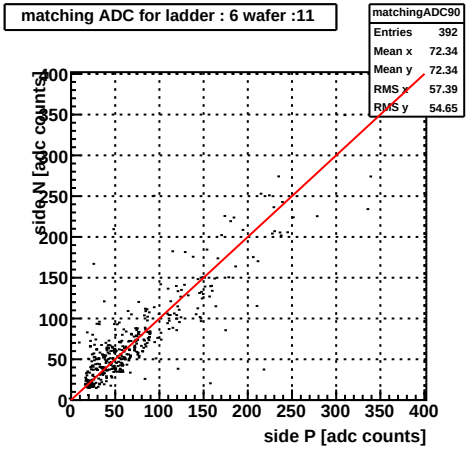

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 767
Mean x 64.23
Mean y 65.38
RMS x 65.31
RMS y 57.75
side N [adc counts]
side P [adc counts]

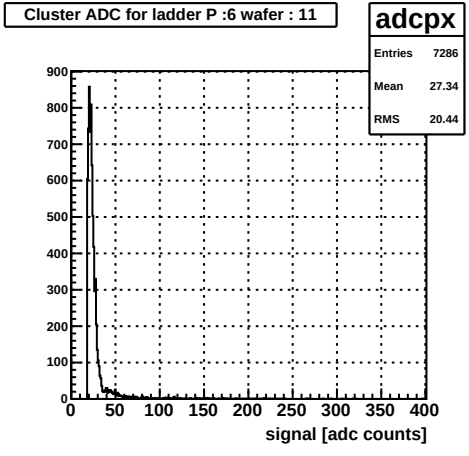

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 3405
Mean 37.26
RMS 46.52
signal [adc counts]

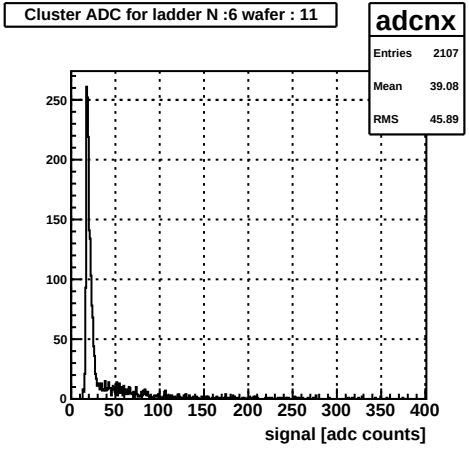

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 6793
Mean 39.94
RMS 41.38
signal [adc counts]

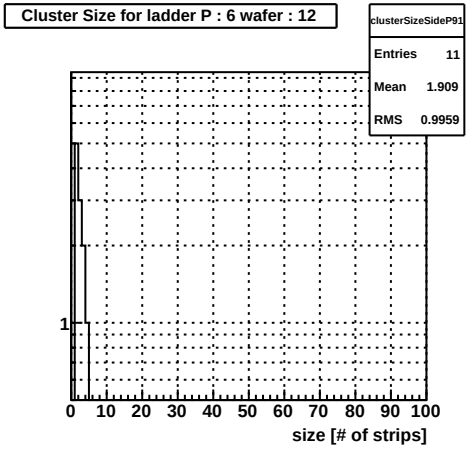

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 7286
Mean 1.062
RMS 0.2908
size [# of strips]

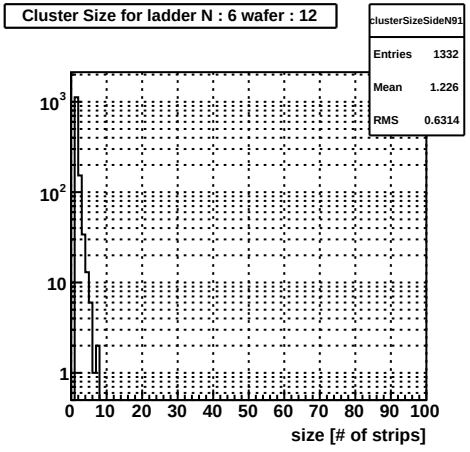

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 2107
Mean 1.223
RMS 0.6182
size [# of strips]

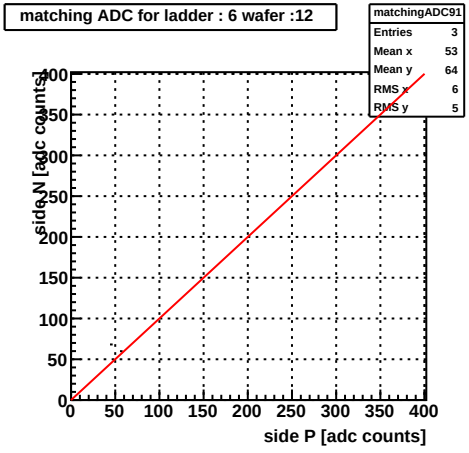

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 392
Mean x 72.34
Mean y 72.34
RMS x 57.39
RMS y 54.65
side N [adc counts]
side P [adc counts]

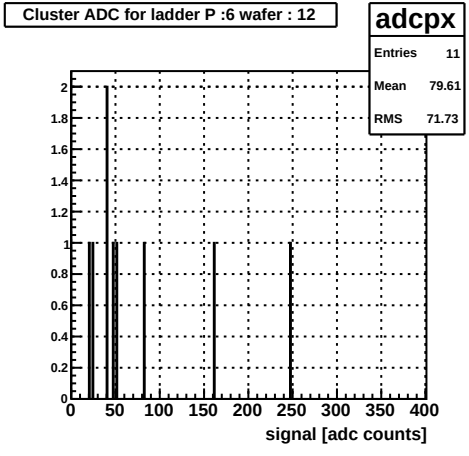

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 7286
Mean 27.34
RMS 20.44
signal [adc counts]

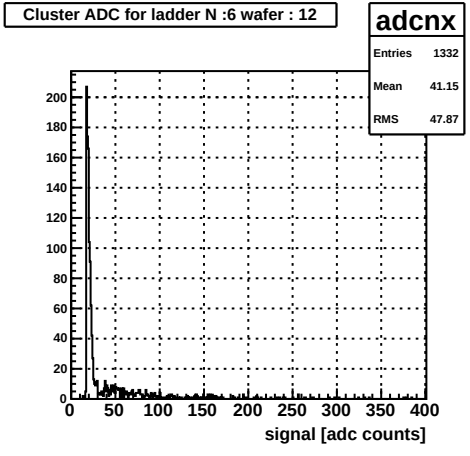

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 2107
Mean 39.08
RMS 45.89
signal [adc counts]

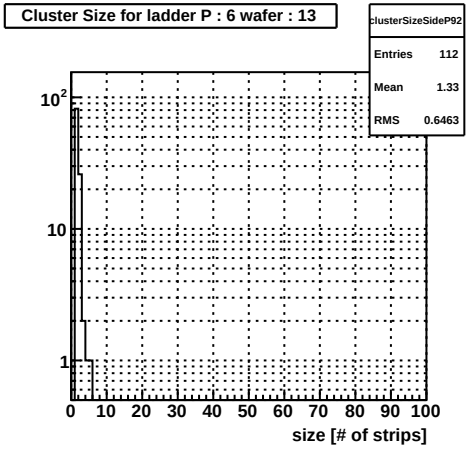

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 11
Mean 1.909
RMS 0.9959
size [# of strips]

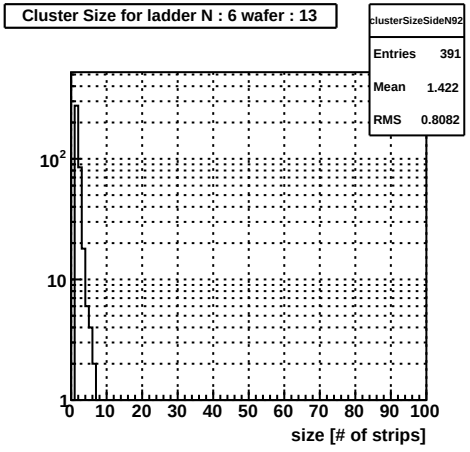

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 1332
Mean 1.226
RMS 0.6314
size [# of strips]

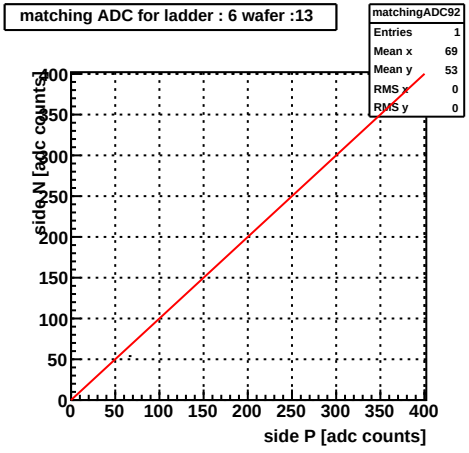

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 3
Mean x 53
Mean y 64
RMS x 6
RMS y 5
side N [adc counts]
side P [adc counts]

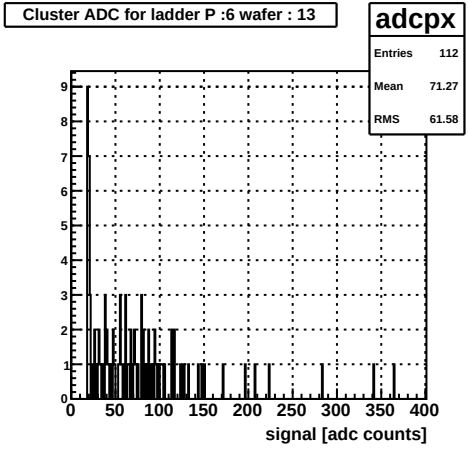

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 11
Mean 79.61
RMS 71.73
signal [adc counts]

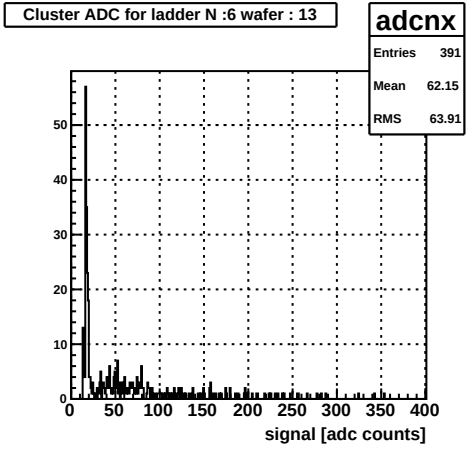

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 1332
Mean 41.15
RMS 47.87
signal [adc counts]

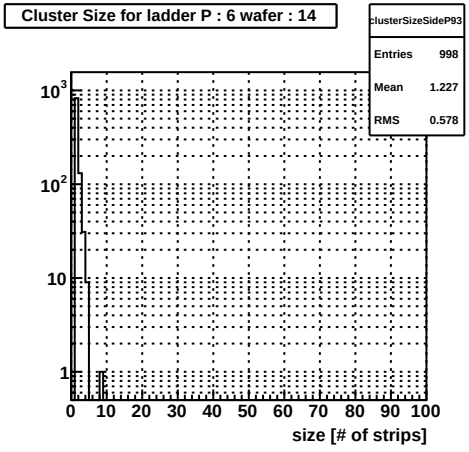

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 112
Mean 1.33
RMS 0.6463
size [# of strips]

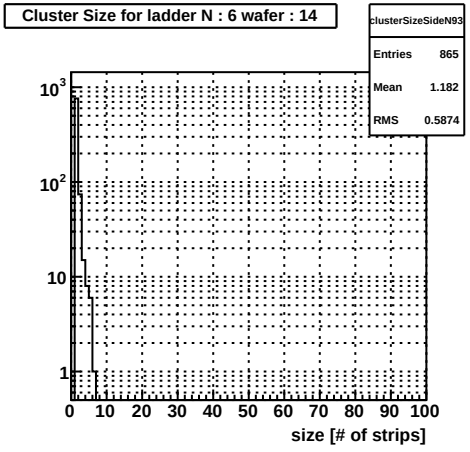

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 391
Mean 1.422
RMS 0.8082
size [# of strips]

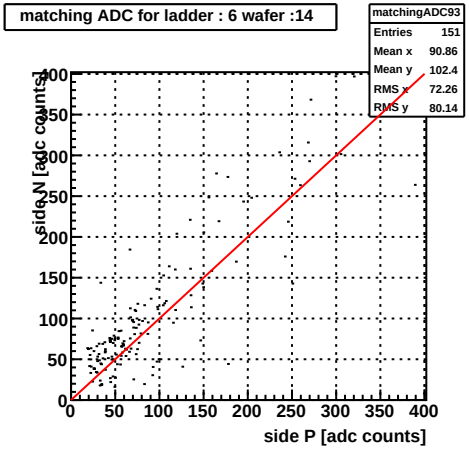

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 1
Mean x 69
Mean y 53
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

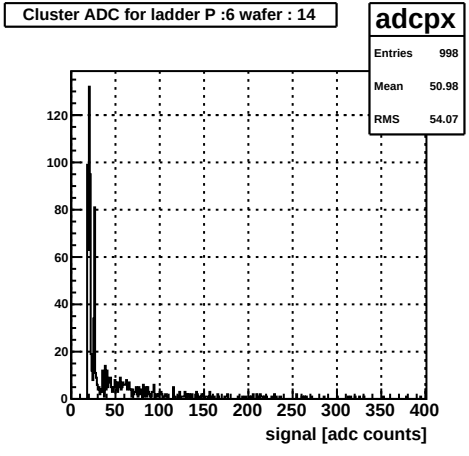

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 112
Mean 71.27
RMS 61.58
signal [adc counts]

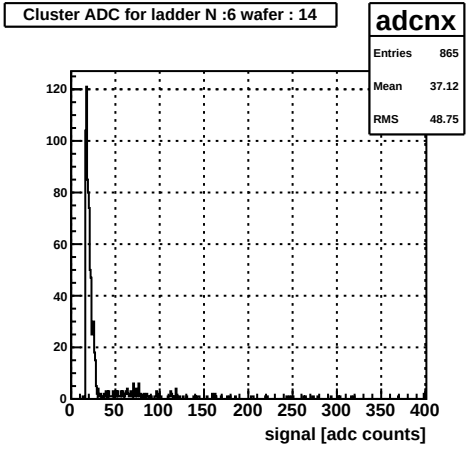

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 391
Mean 62.15
RMS 63.91
signal [adc counts]

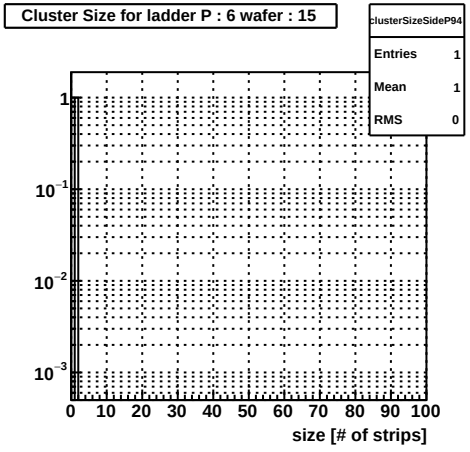

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 998
Mean 1.227
RMS 0.578
size [# of strips]

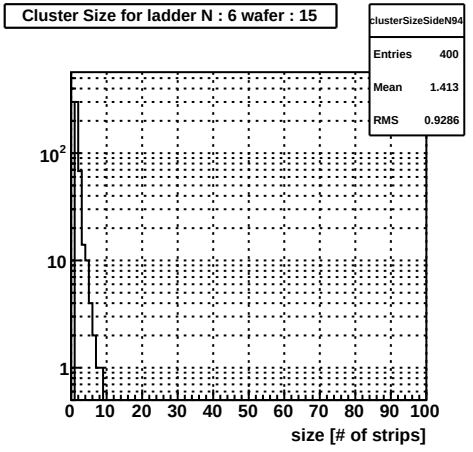

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 865
Mean 1.182
RMS 0.5874
size [# of strips]

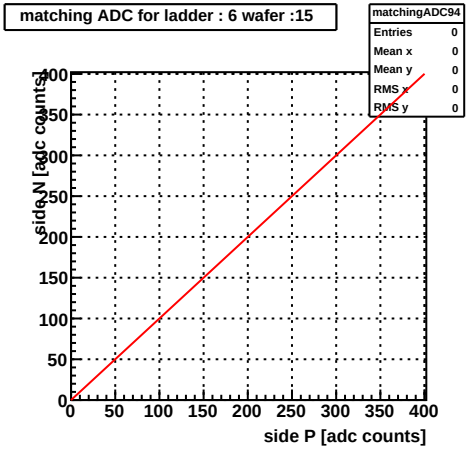

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 151
Mean x 90.86
Mean y 102.4
RMS x 72.26
RMS y 80.14
side N [adc counts]
side P [adc counts]

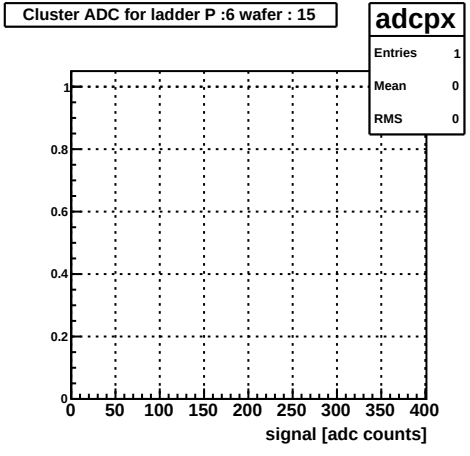

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 998
Mean 50.98
RMS 54.07
signal [adc counts]

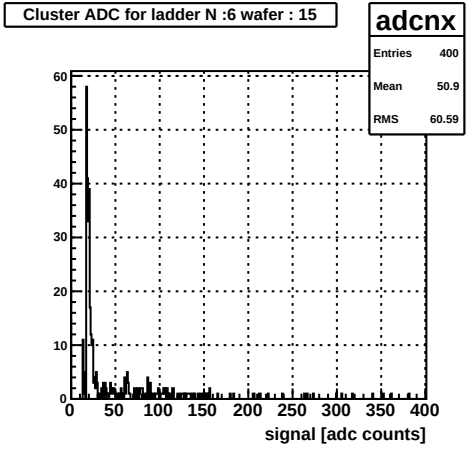

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 865
Mean 37.12
RMS 48.75
signal [adc counts]

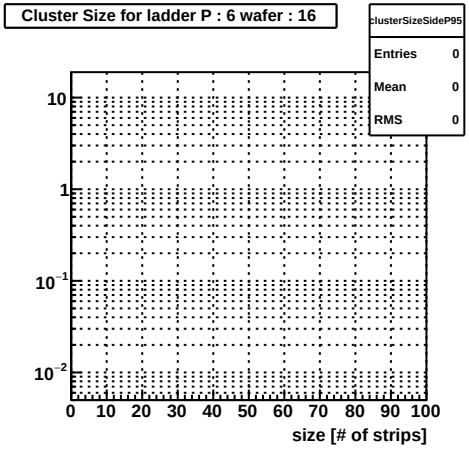

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 1
Mean 1
RMS 0
size [# of strips]

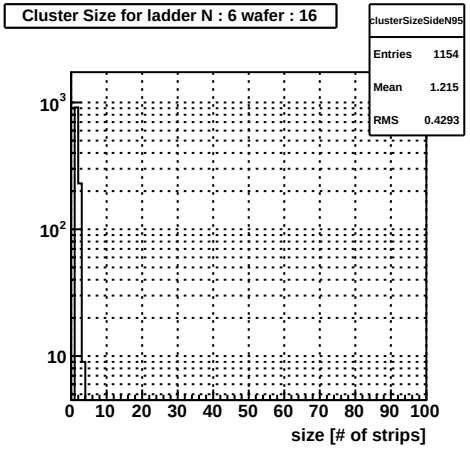

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 400
Mean 1.413
RMS 0.9286
size [# of strips]

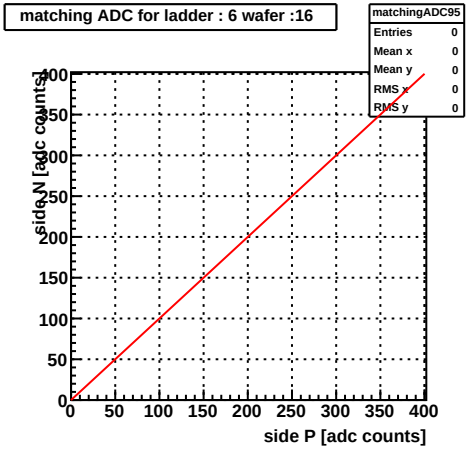

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

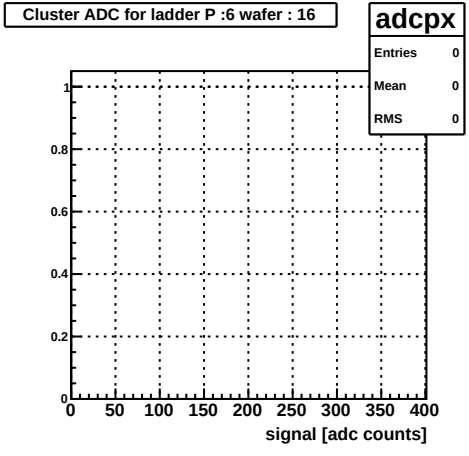

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

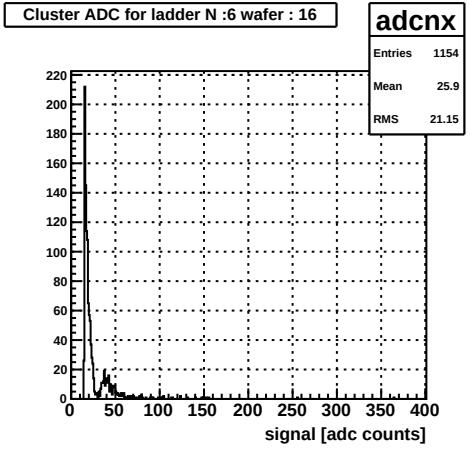

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 400
Mean 50.9
RMS 60.59
signal [adc counts]

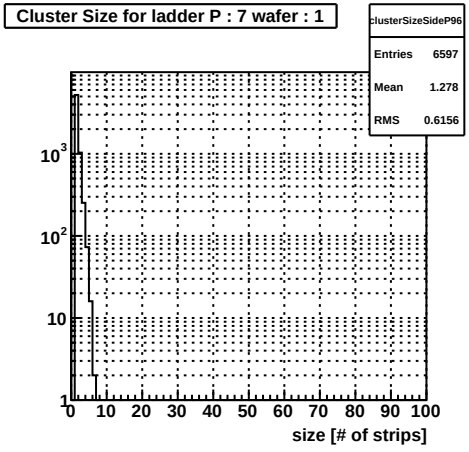

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

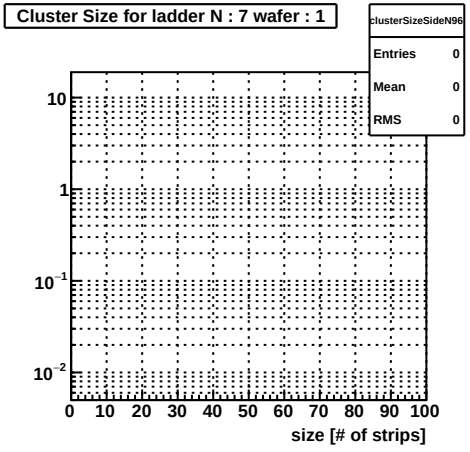

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 1154
Mean 1.215
RMS 0.4293
size [# of strips]

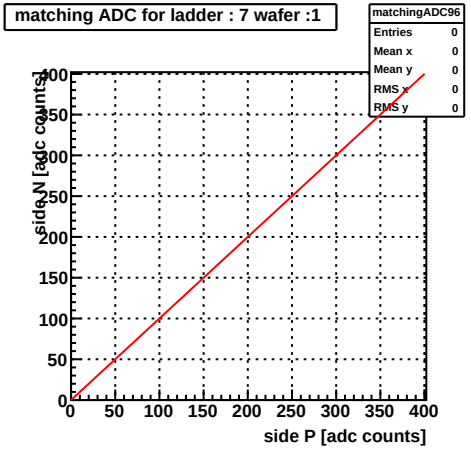

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

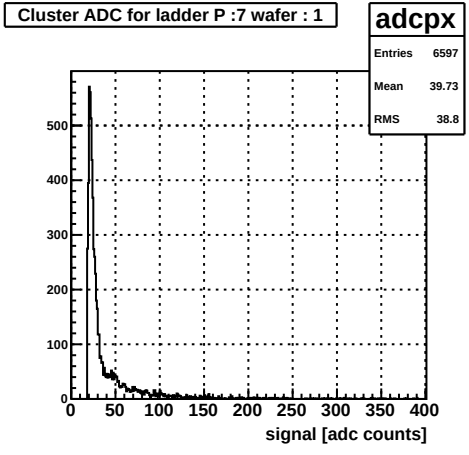

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

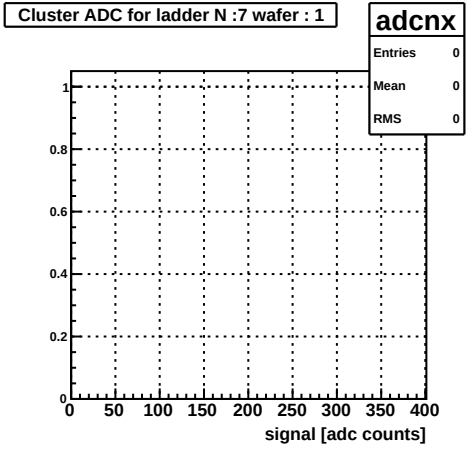

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 1154
Mean 25.9
RMS 21.15
signal [adc counts]

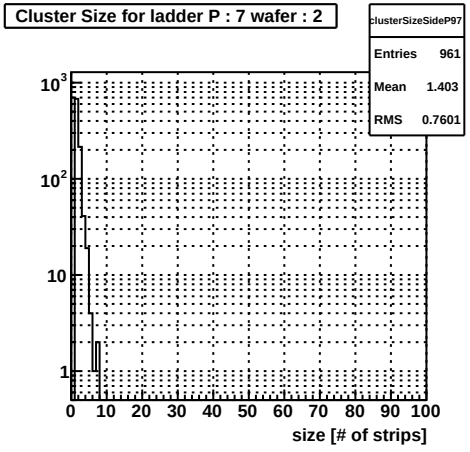

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 6597
Mean 1.278
RMS 0.6156
size [# of strips]

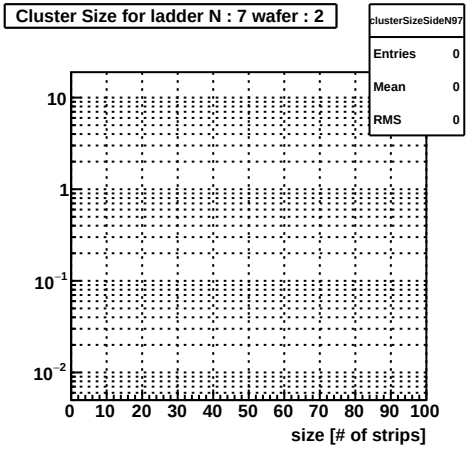

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

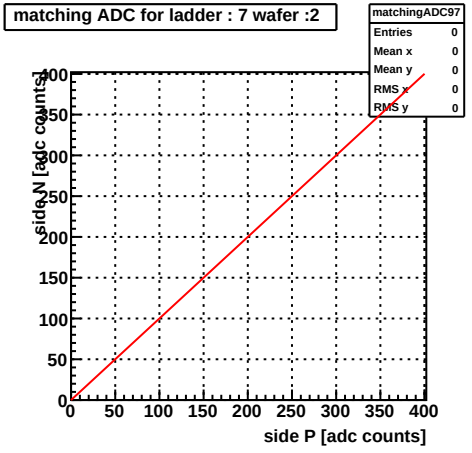

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

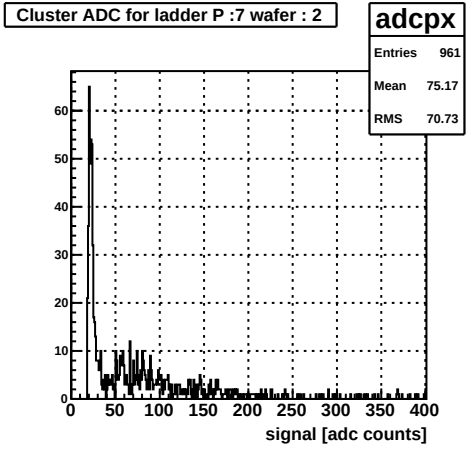

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 6597
Mean 39.73
RMS 38.8
signal [adc counts]

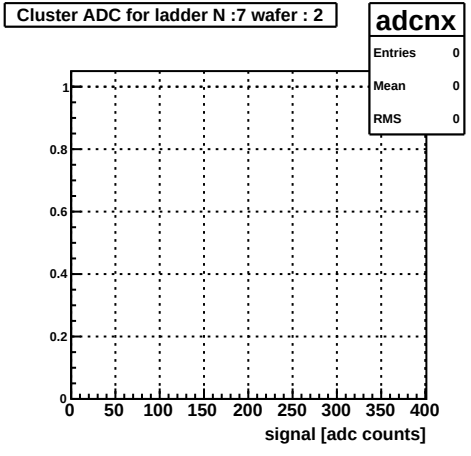

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

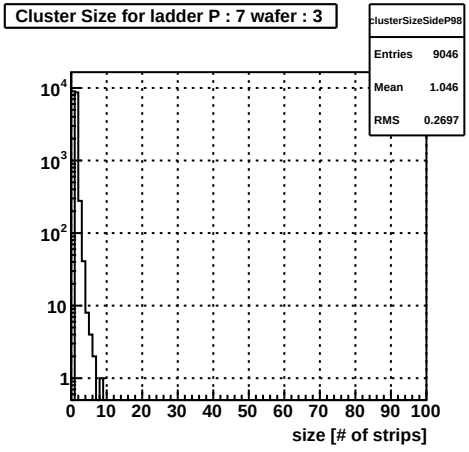

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 961
Mean 1.403
RMS 0.7601
size [# of strips]

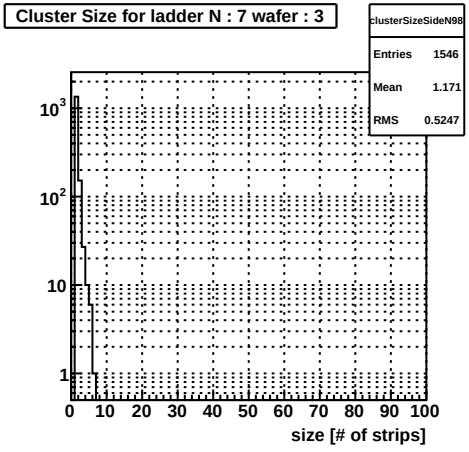

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

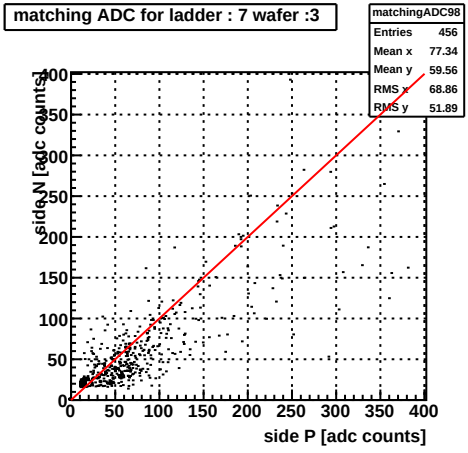

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

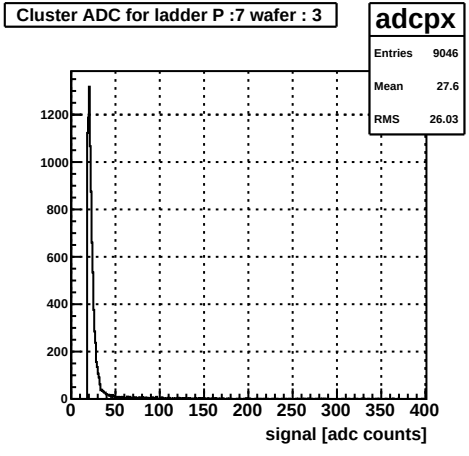

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 961
Mean 75.17
RMS 70.73
signal [adc counts]

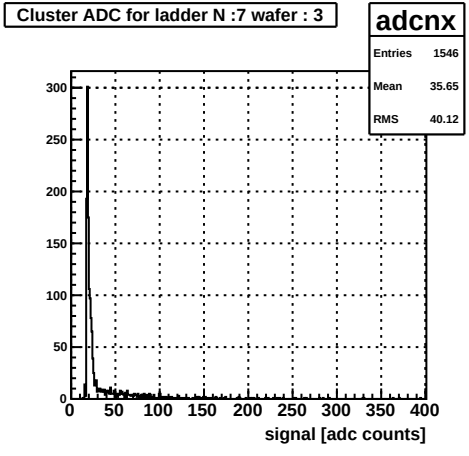

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

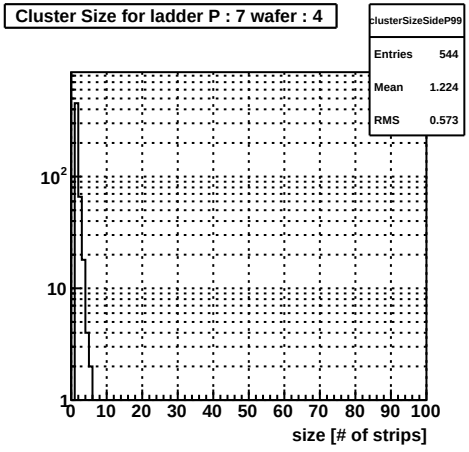

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 9046
Mean 1.046
RMS 0.2697
size [# of strips]

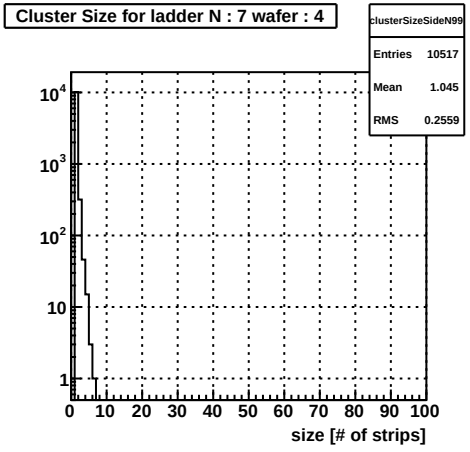

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 1546
Mean 1.171
RMS 0.5247
size [# of strips]

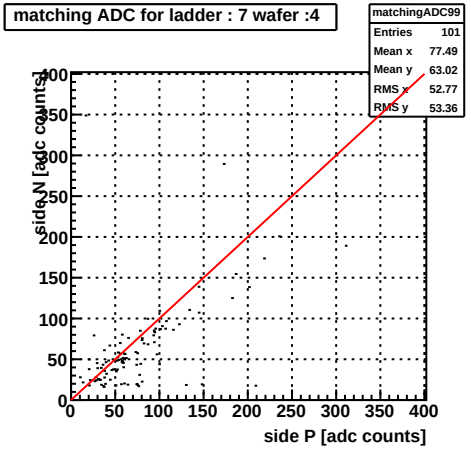

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 456
Mean x 77.34
Mean y 59.56
RMS x 68.86
RMS y 51.89
side N [adc counts]
side P [adc counts]

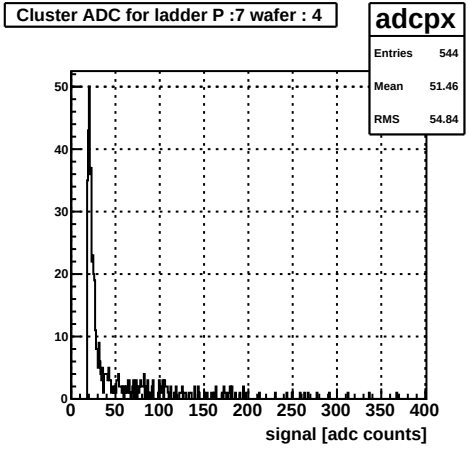

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 9046
Mean 27.6
RMS 26.03
signal [adc counts]

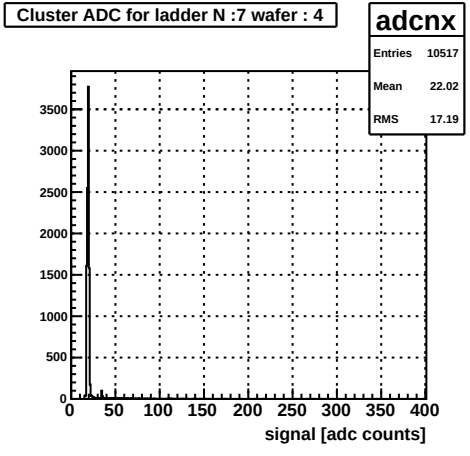

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 1546
Mean 35.65
RMS 40.12
signal [adc counts]

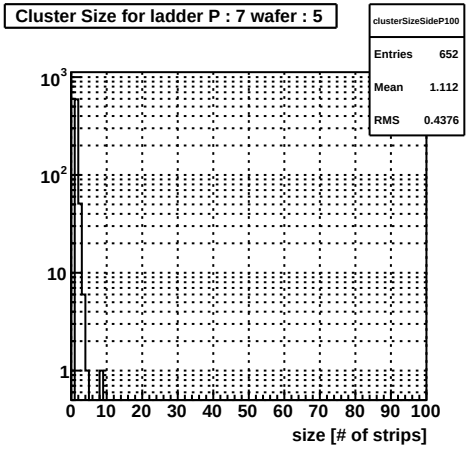

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 544
Mean 1.224
RMS 0.573
size [# of strips]

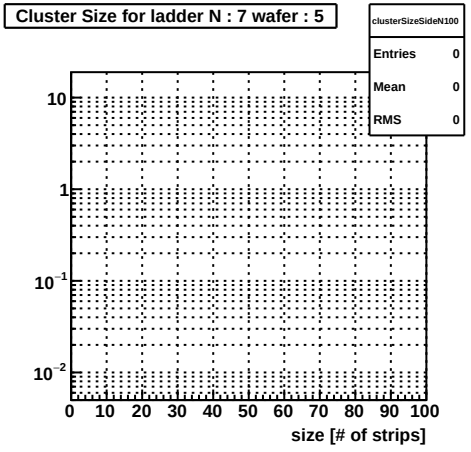

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 10517
Mean 1.045
RMS 0.2559
size [# of strips]

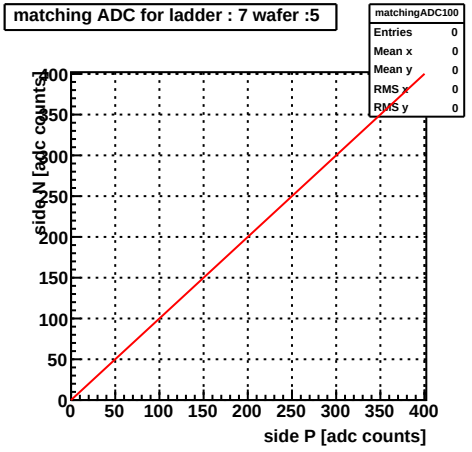

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 101
Mean x 77.49
Mean y 63.02
RMS x 52.77
RMS y 53.36
side N [adc counts]
side P [adc counts]

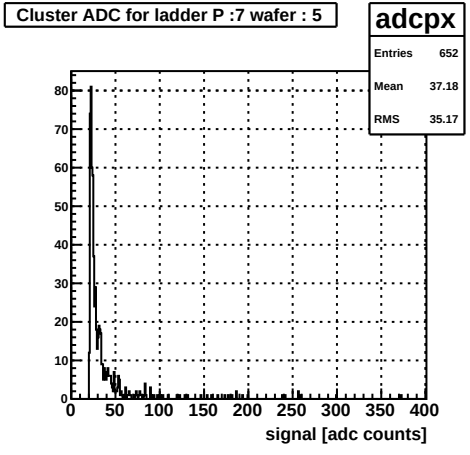

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 544
Mean 51.46
RMS 54.84
signal [adc counts]

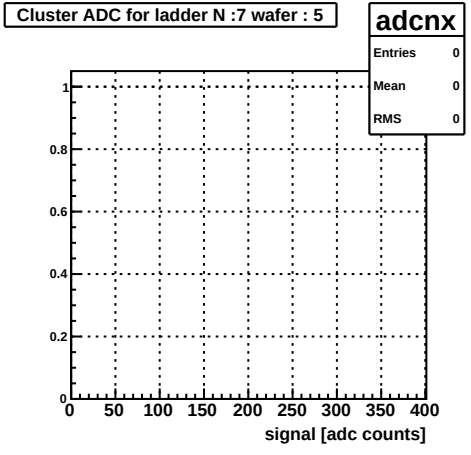

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 10517
Mean 22.02
RMS 17.19
signal [adc counts]

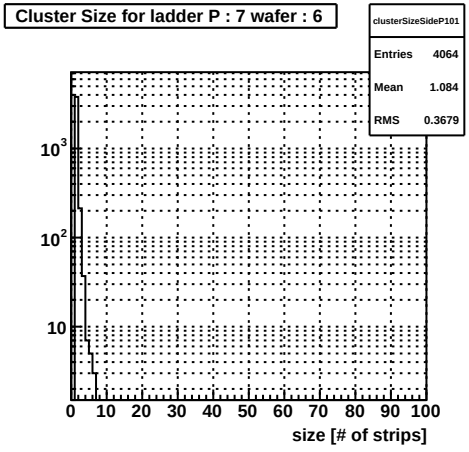

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 652
Mean 1.112
RMS 0.4376
size [# of strips]

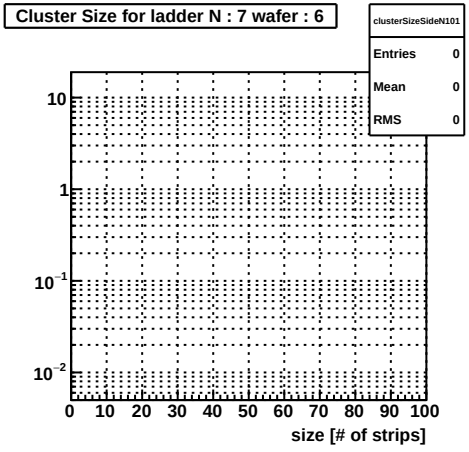

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

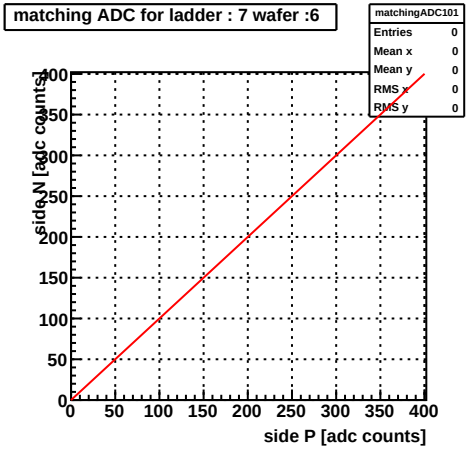

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

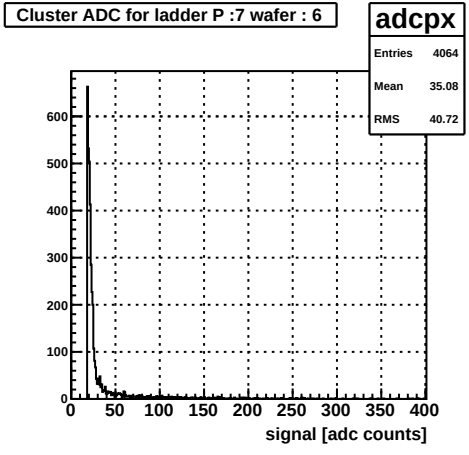

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 652
Mean 37.18
RMS 35.17
signal [adc counts]

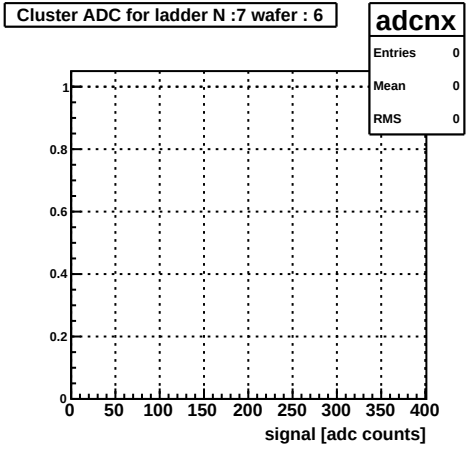

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

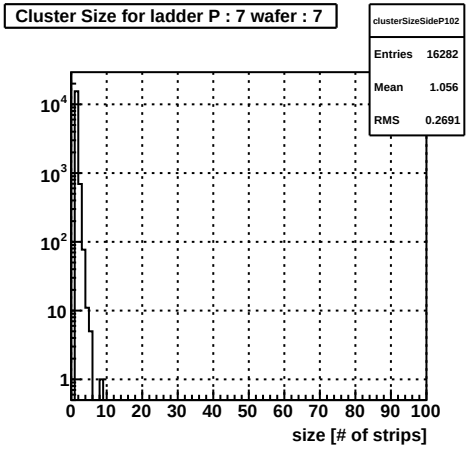

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 4064
Mean 1.084
RMS 0.3679
size [# of strips]

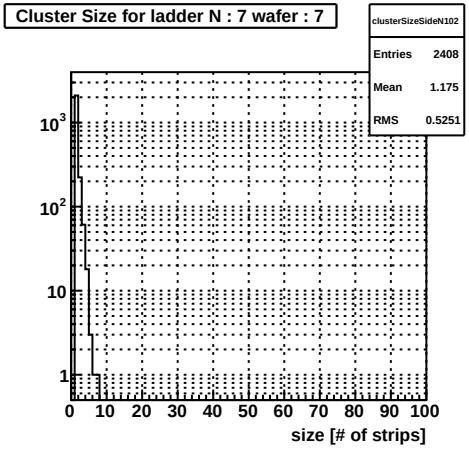

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

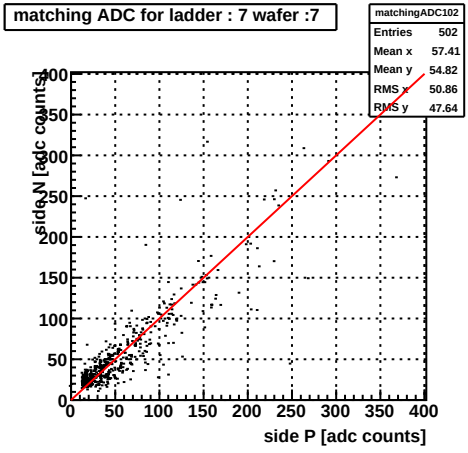

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

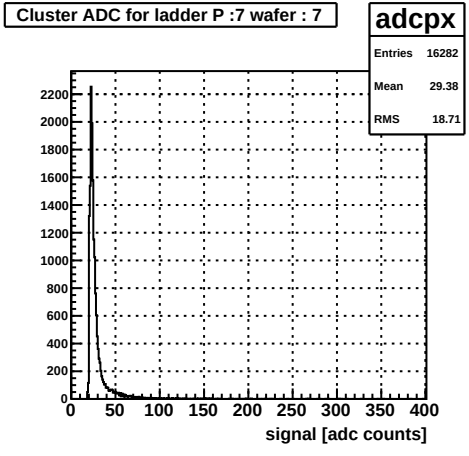

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 4064
Mean 35.08
RMS 40.72
signal [adc counts]

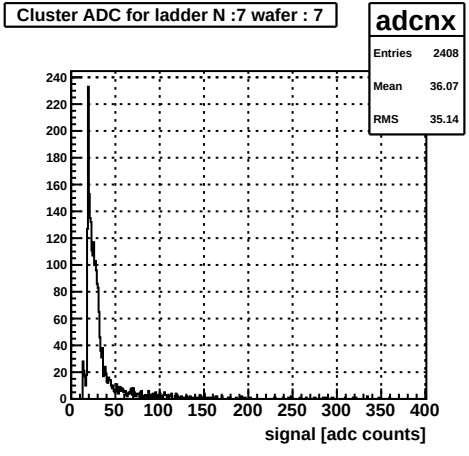

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

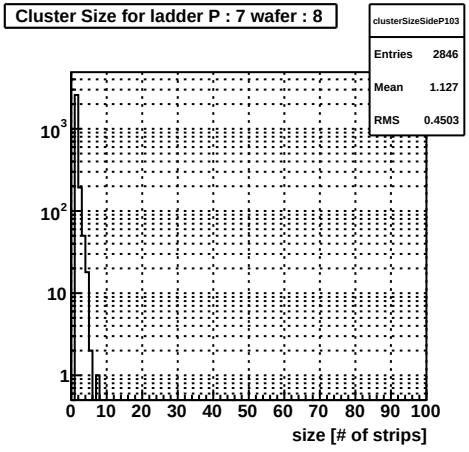

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 16282
Mean 1.056
RMS 0.2691
size [# of strips]

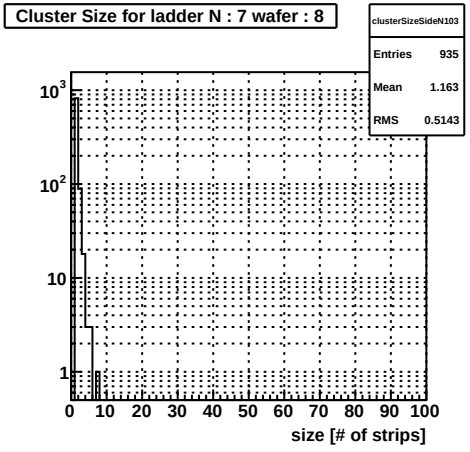

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 2408
Mean 1.175
RMS 0.5251
size [# of strips]

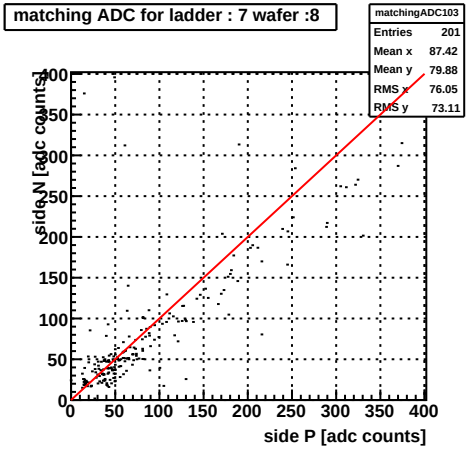

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 502
Mean x 57.41
Mean y 54.82
RMS x 50.86
RMS y 47.64
side N [adc counts]
side P [adc counts]

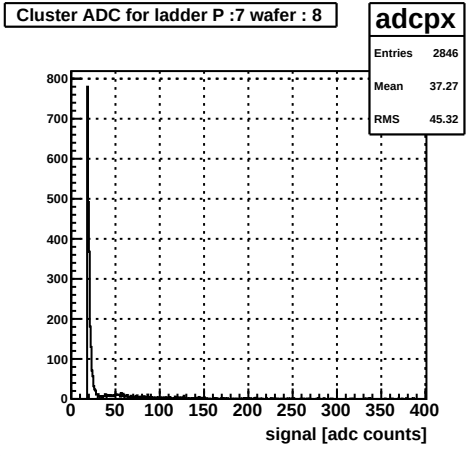

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 16282
Mean 29.38
RMS 18.71
signal [adc counts]

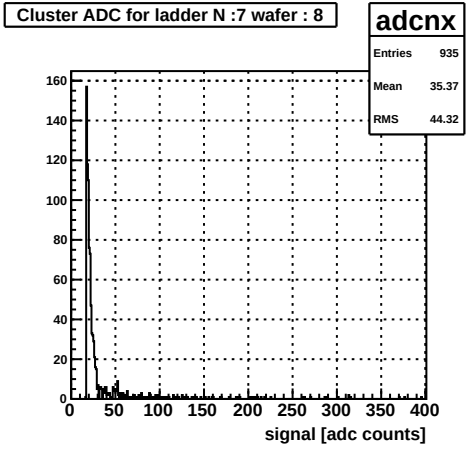

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 2408
Mean 36.07
RMS 35.14
signal [adc counts]

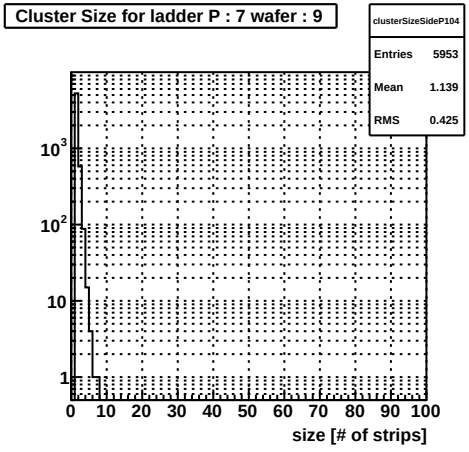

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 2846
Mean 1.127
RMS 0.4503
size [# of strips]

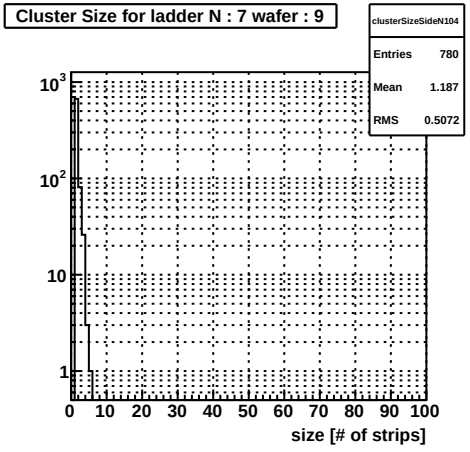

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 935
Mean 1.163
RMS 0.5143
size [# of strips]

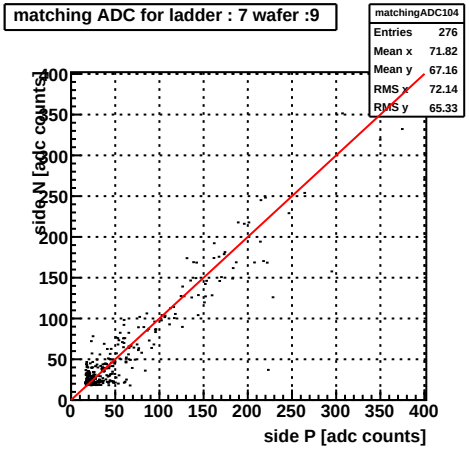

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 201
Mean x 87.42
Mean y 79.88
RMS x 76.05
RMS y 73.11
side N [adc counts]
side P [adc counts]

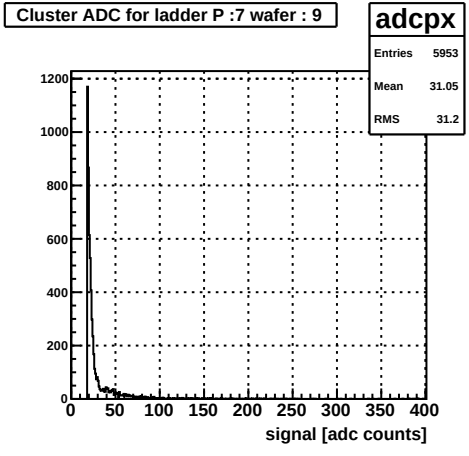

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 2846
Mean 37.27
RMS 45.32
signal [adc counts]

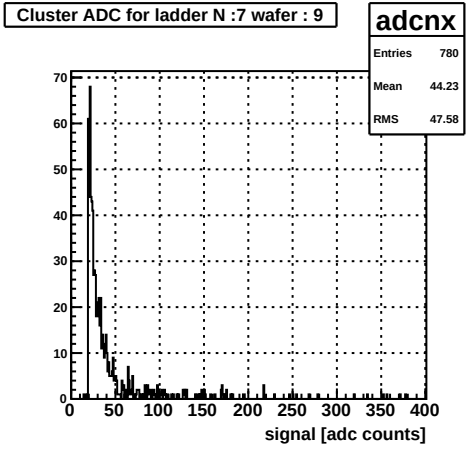

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 935
Mean 35.37
RMS 44.32
signal [adc counts]

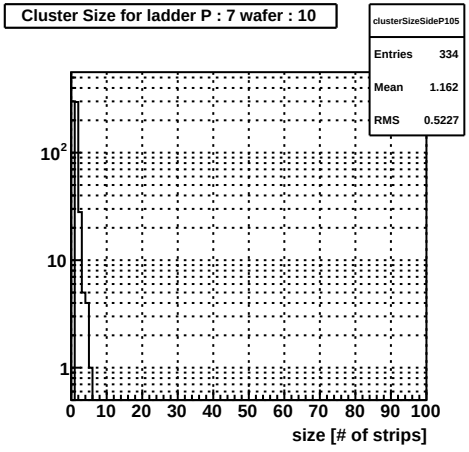

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 5953
Mean 1.139
RMS 0.425
size [# of strips]

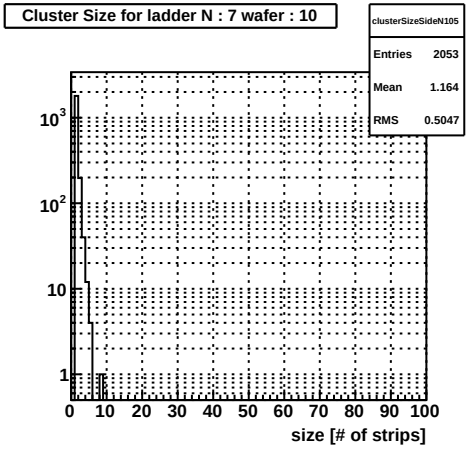

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 780
Mean 1.187
RMS 0.5072
size [# of strips]

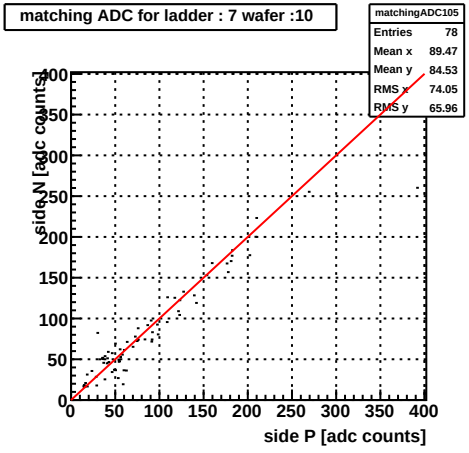

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 276
Mean x 71.82
Mean y 67.16
RMS x 72.14
RMS y 65.33
side N [adc counts]
side P [adc counts]

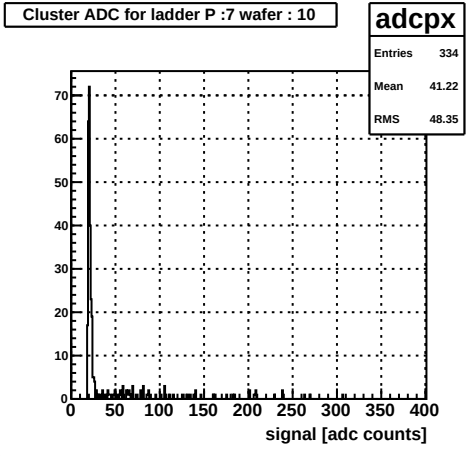

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 5953
Mean 31.05
RMS 31.2
signal [adc counts]

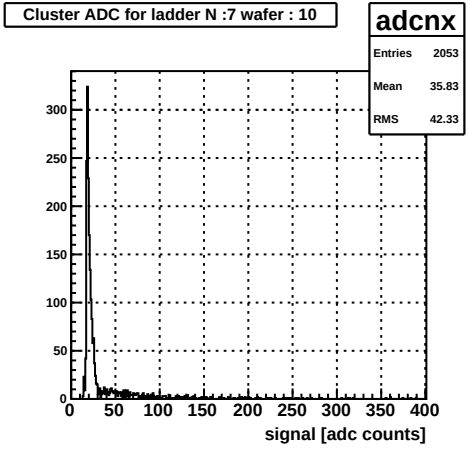

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 780
Mean 44.23
RMS 47.58
signal [adc counts]

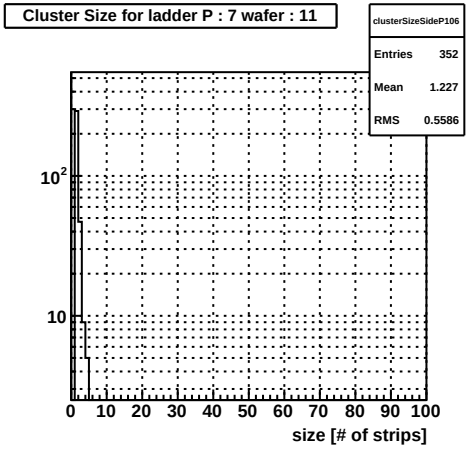

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 334
Mean 1.162
RMS 0.5227
size [# of strips]

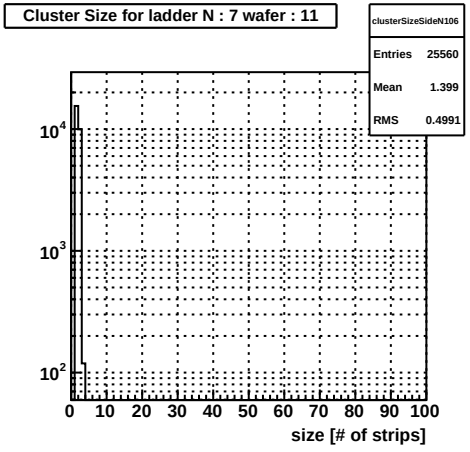

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 2053
Mean 1.164
RMS 0.5047
size [# of strips]

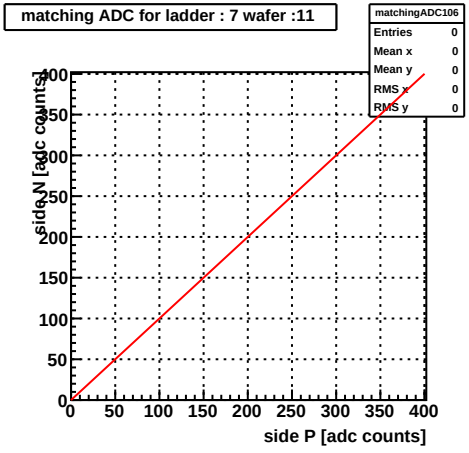

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 78
Mean x 89.47
Mean y 84.53
RMS x 74.05
RMS y 65.96
side N [adc counts]
side P [adc counts]

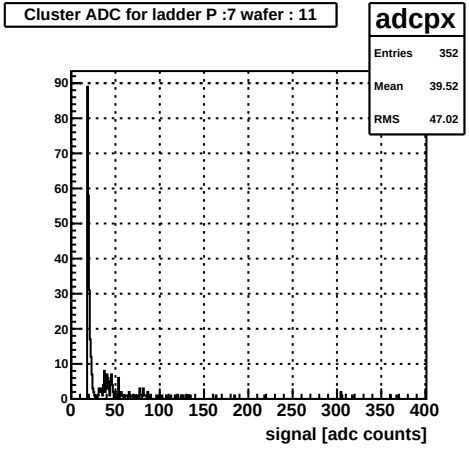

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 334
Mean 41.22
RMS 48.35
signal [adc counts]

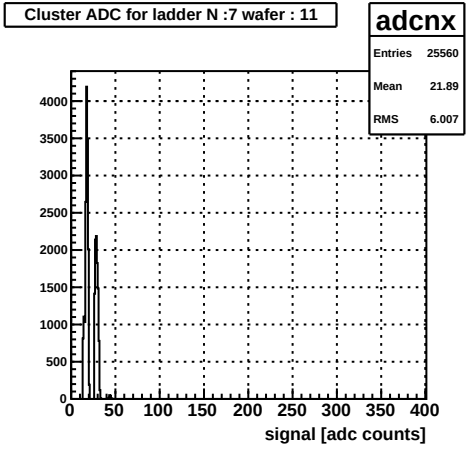

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 2053
Mean 35.83
RMS 42.33
signal [adc counts]

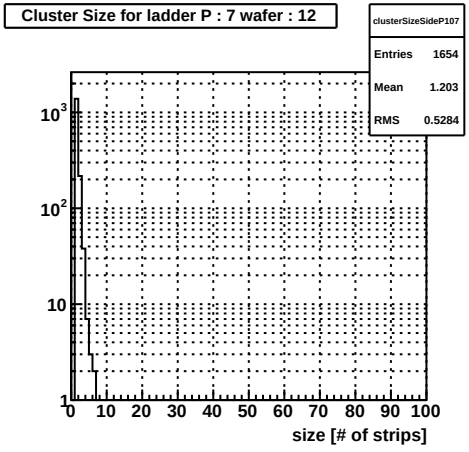

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 352
Mean 1.227
RMS 0.5586
size [# of strips]

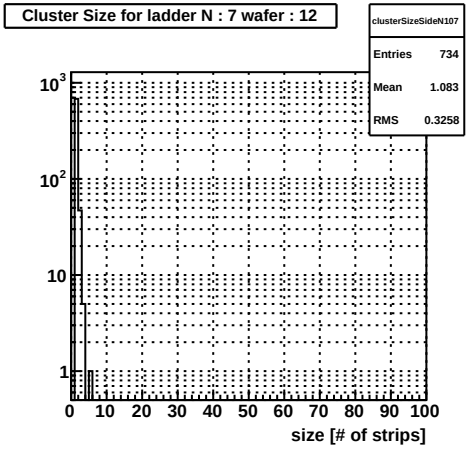

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 25560
Mean 1.399
RMS 0.4991
size [# of strips]

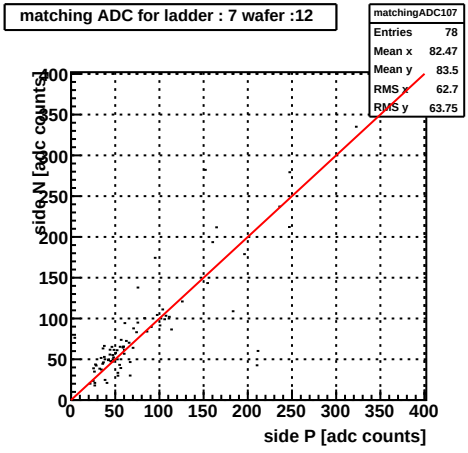

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

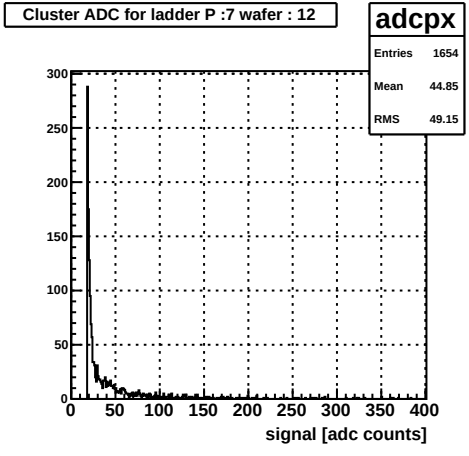

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 352
Mean 39.52
RMS 47.02
signal [adc counts]

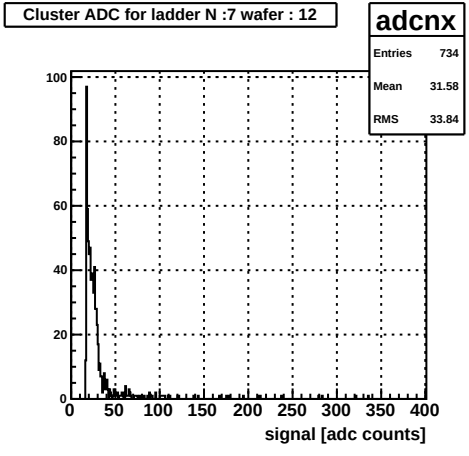

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 25560
Mean 21.89
RMS 6.007
signal [adc counts]

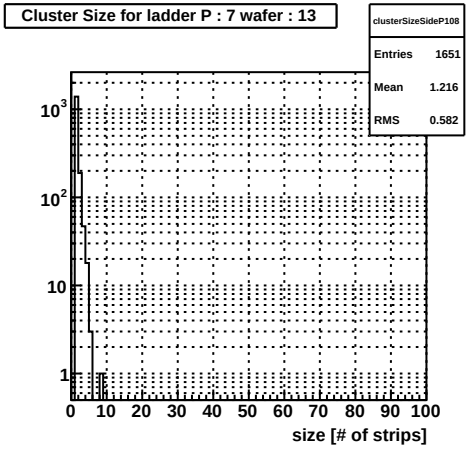

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 1654
Mean 1.203
RMS 0.5284
size [# of strips]

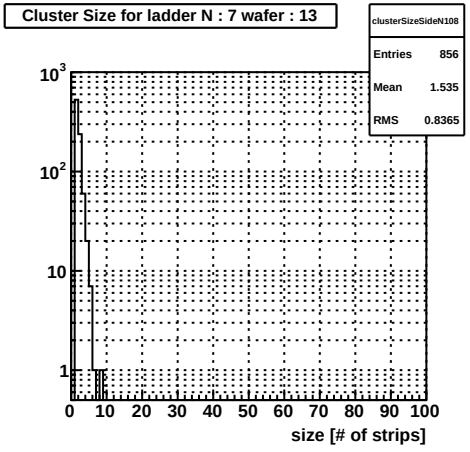

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 734
Mean 1.083
RMS 0.3258
size [# of strips]

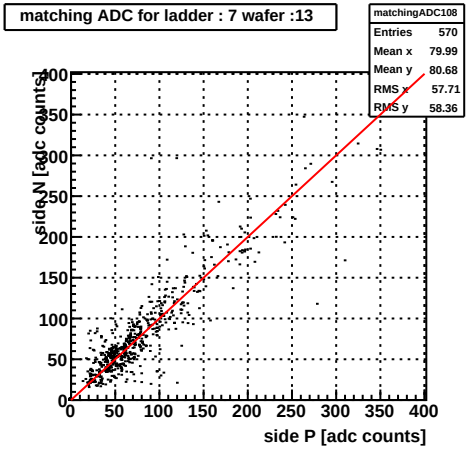

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 78
Mean x 82.47
Mean y 83.5
RMS x 62.7
RMS y 63.75
side N [adc counts]
side P [adc counts]

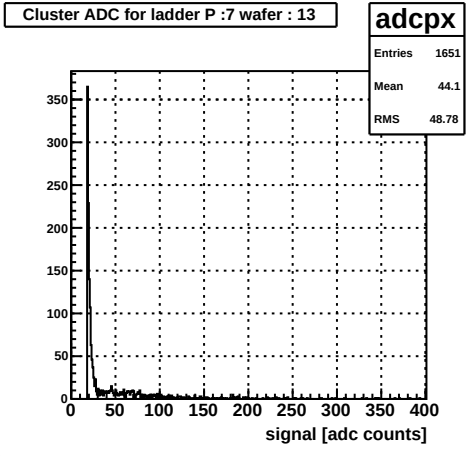

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 1654
Mean 44.85
RMS 49.15
signal [adc counts]

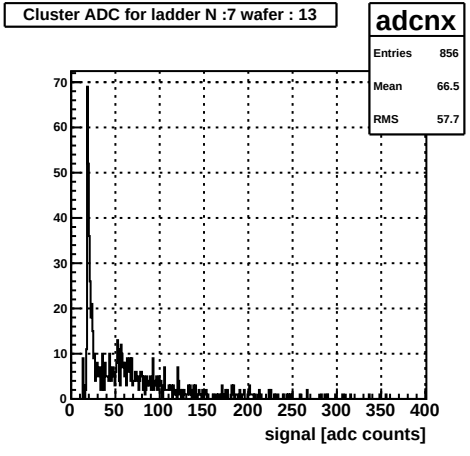

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 734
Mean 31.58
RMS 33.84
signal [adc counts]

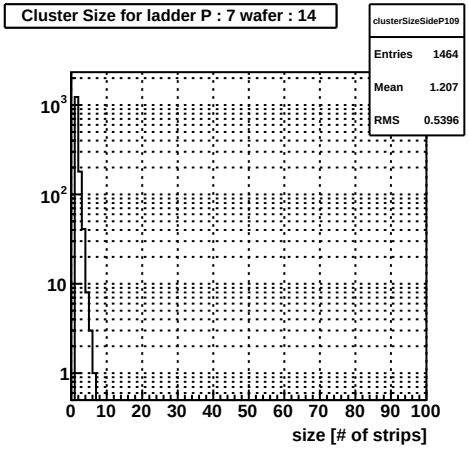

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 1651
Mean 1.216
RMS 0.582
size [# of strips]

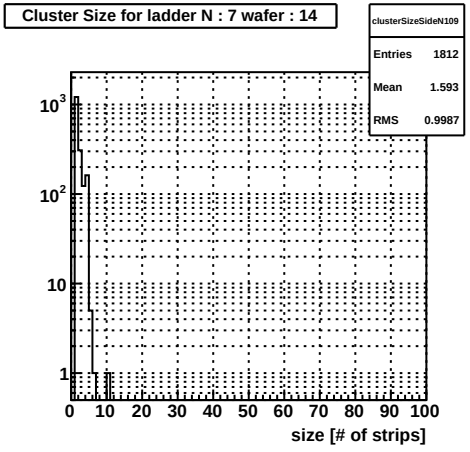

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 856
Mean 1.535
RMS 0.8365
size [# of strips]

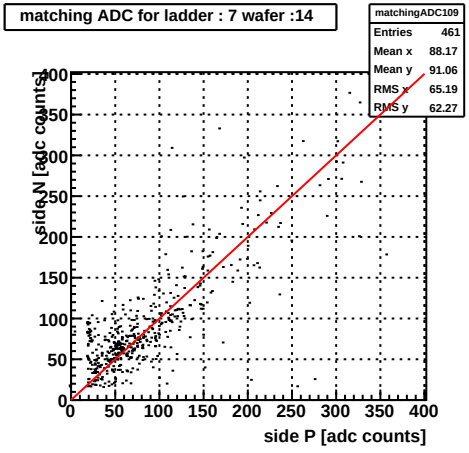

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 570
Mean x 79.99
Mean y 80.68
RMS x 57.71
RMS y 58.36
side N [adc counts]
side P [adc counts]

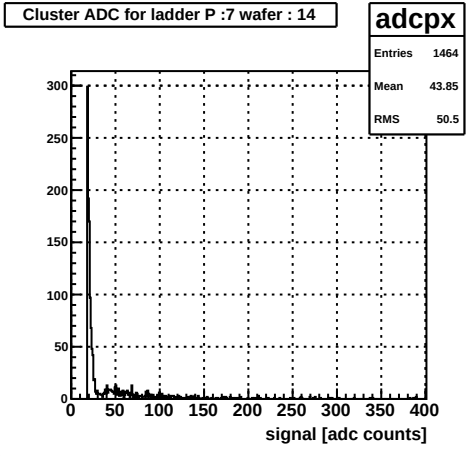

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 1651
Mean 44.1
RMS 48.78
signal [adc counts]

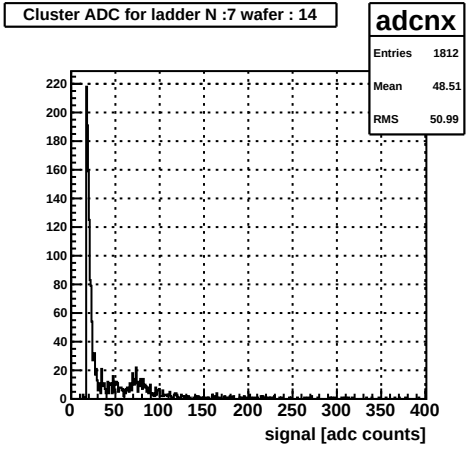

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 856
Mean 66.5
RMS 57.7
signal [adc counts]

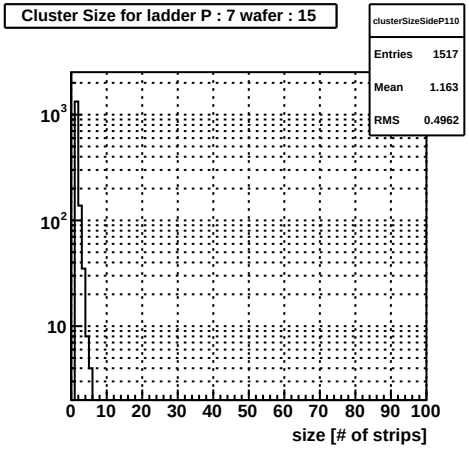

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 1464
Mean 1.207
RMS 0.5396
size [# of strips]

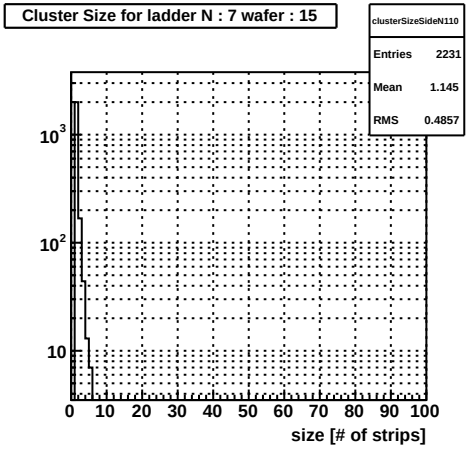

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 1812
Mean 1.593
RMS 0.9987
size [# of strips]

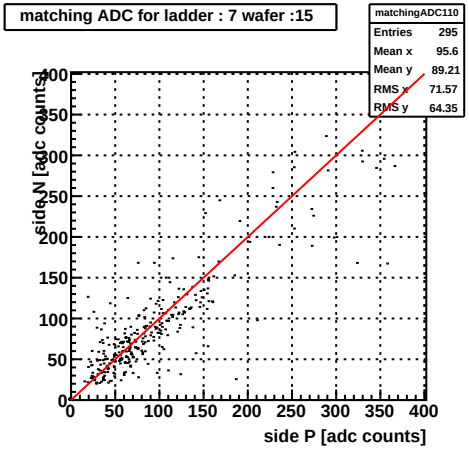

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 461
Mean x 88.17
Mean y 91.06
RMS x 65.19
RMS y 62.27
side N [adc counts]
side P [adc counts]

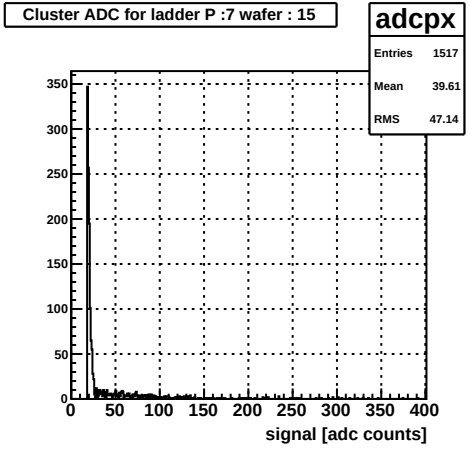

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 1464
Mean 43.85
RMS 50.5
signal [adc counts]

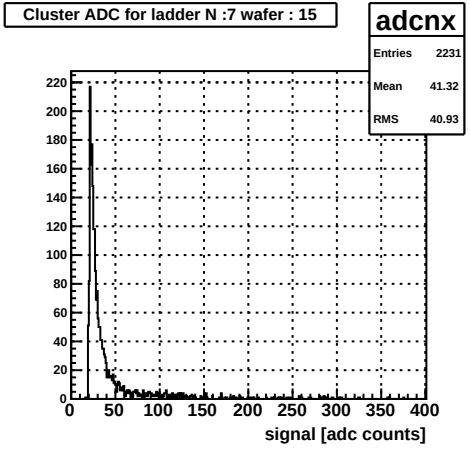

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 1812
Mean 48.51
RMS 50.99
signal [adc counts]

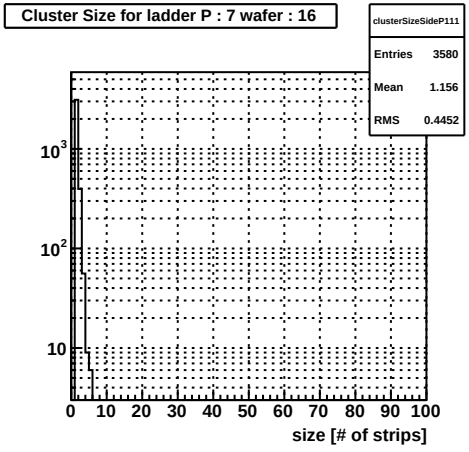

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 1517
Mean 1.163
RMS 0.4962
size [# of strips]

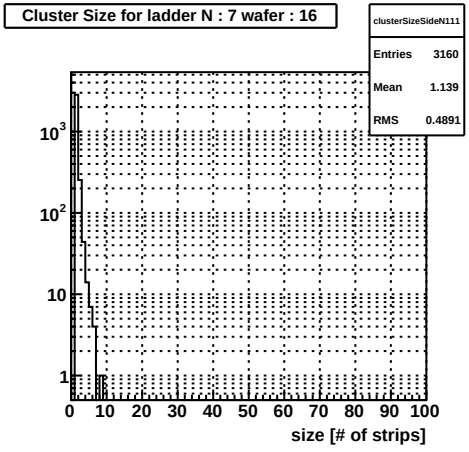

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 2231
Mean 1.145
RMS 0.4857
size [# of strips]

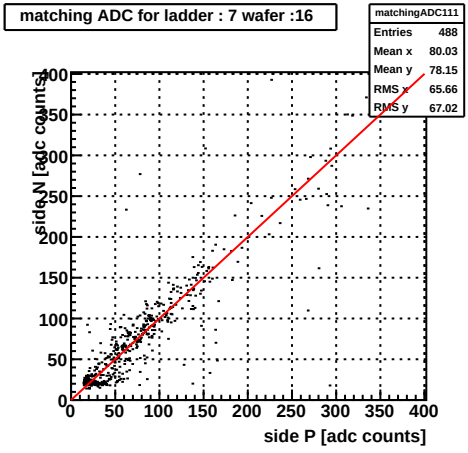

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 295
Mean x 95.6
Mean y 89.21
RMS x 71.57
RMS y 64.35
side N [adc counts]
side P [adc counts]

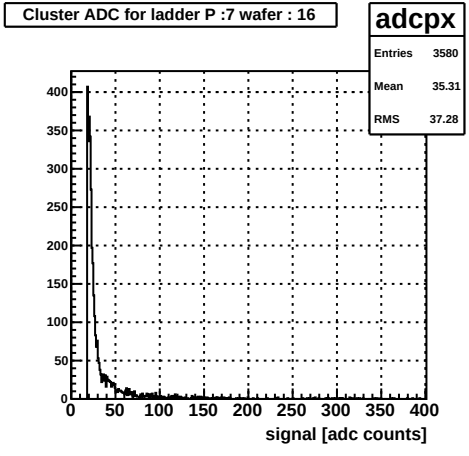

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 1517
Mean 39.61
RMS 47.14
signal [adc counts]

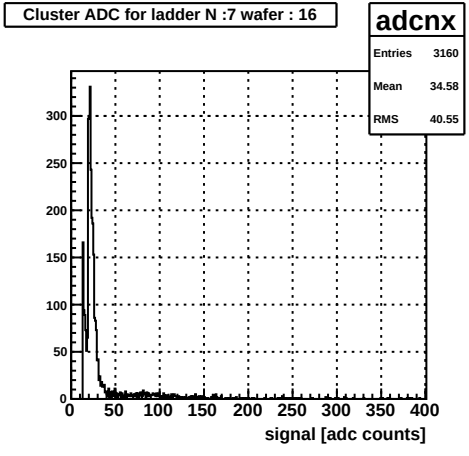

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 2231
Mean 41.32
RMS 40.93
signal [adc counts]

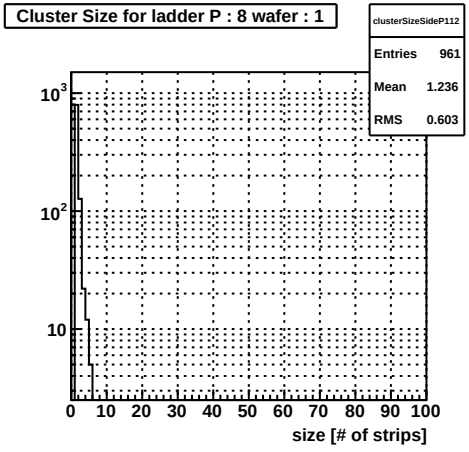

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 3580
Mean 1.156
RMS 0.4452
size [# of strips]

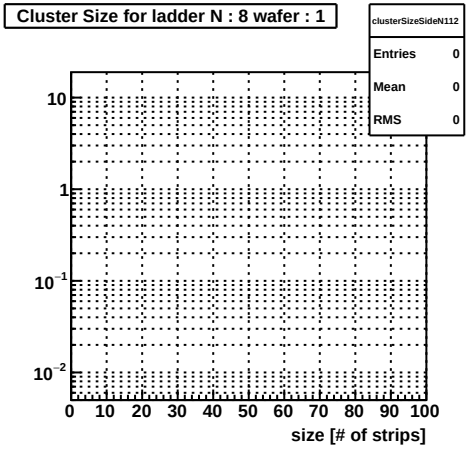

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 3160
Mean 1.139
RMS 0.4891
size [# of strips]

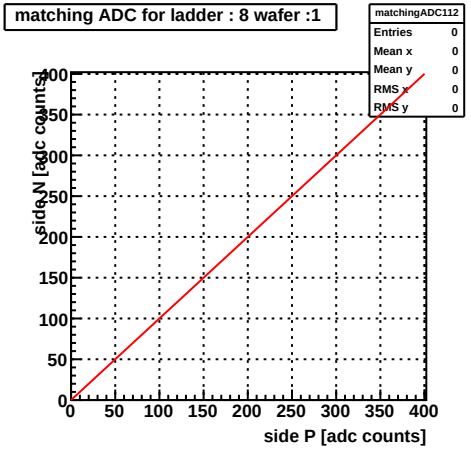

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 488
Mean x 80.03
Mean y 78.15
RMS x 65.66
RMS y 67.02
side N [adc counts]
side P [adc counts]

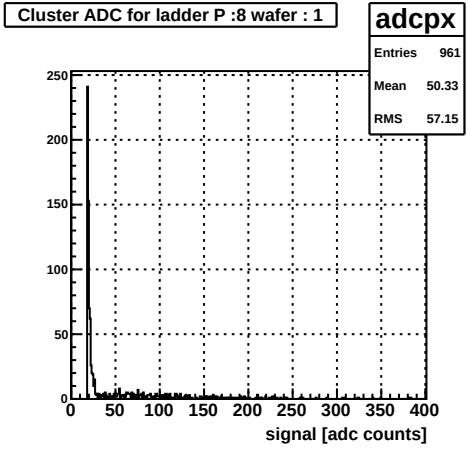

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 3580
Mean 35.31
RMS 37.28
signal [adc counts]

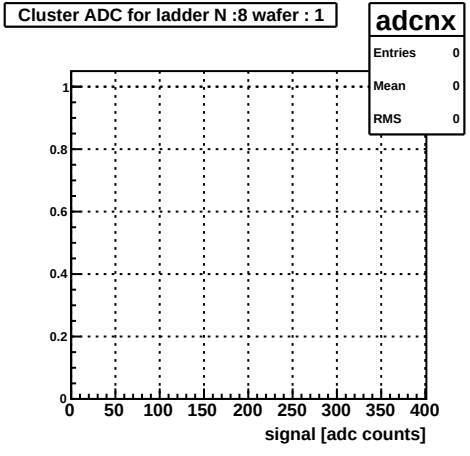

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 3160
Mean 34.58
RMS 40.55
signal [adc counts]

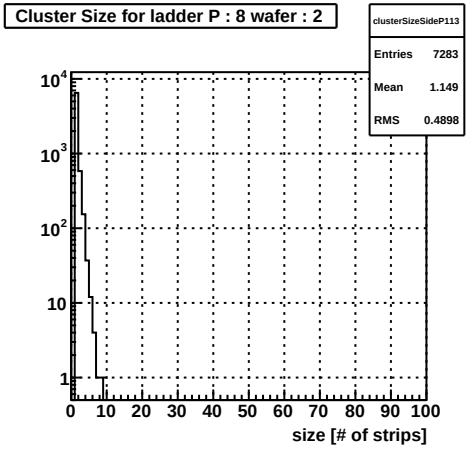

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 961
Mean 1.236
RMS 0.603
size [# of strips]

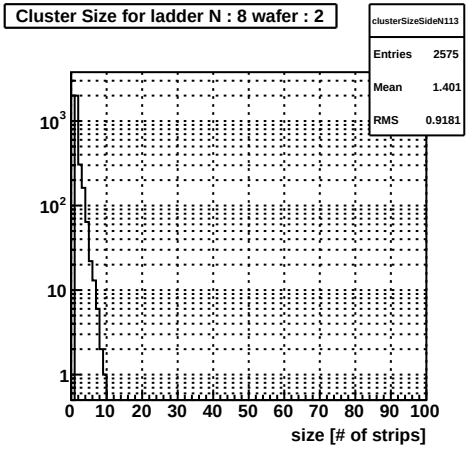

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

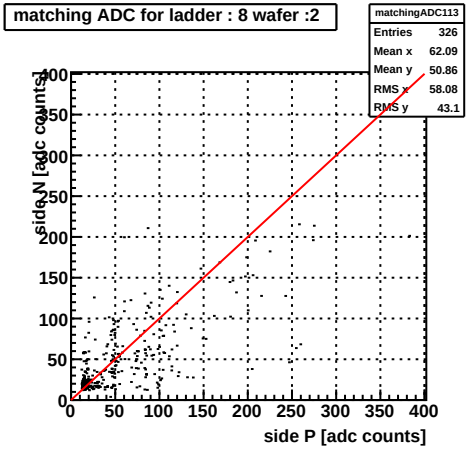

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

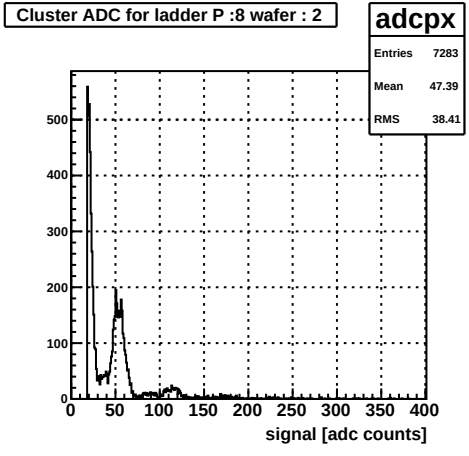

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 961
Mean 50.33
RMS 57.15
signal [adc counts]

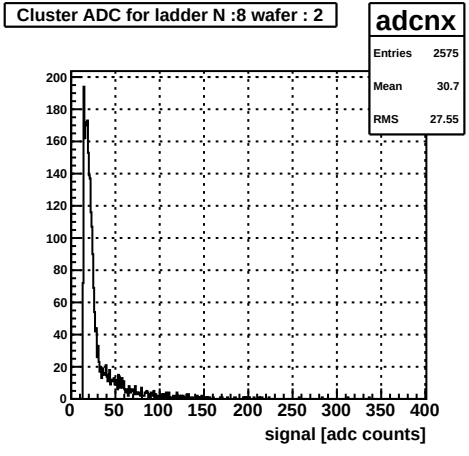

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

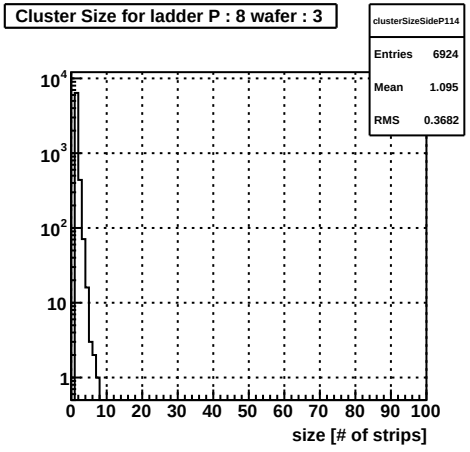

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 7283
Mean 1.149
RMS 0.4898
size [# of strips]

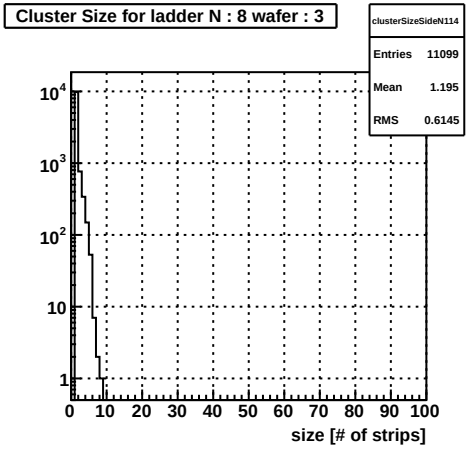

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 2575
Mean 1.401
RMS 0.9181
size [# of strips]

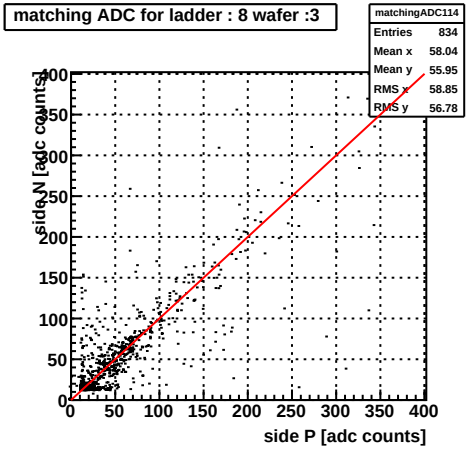

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 326
Mean x 62.09
Mean y 50.86
RMS x 58.08
RMS y 43.1
side N [adc counts]
side P [adc counts]

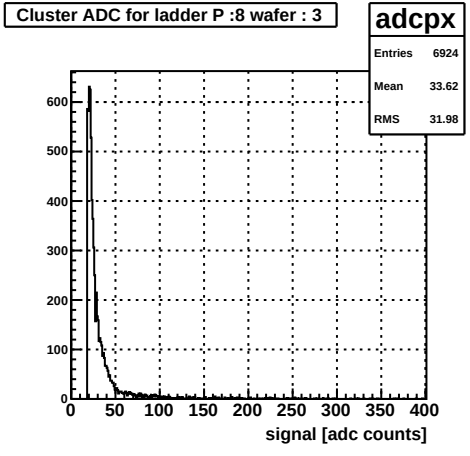

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 7283
Mean 47.39
RMS 38.41
signal [adc counts]

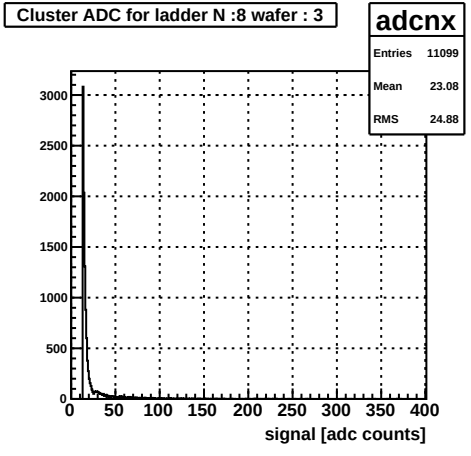

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 2575
Mean 30.7
RMS 27.55
signal [adc counts]

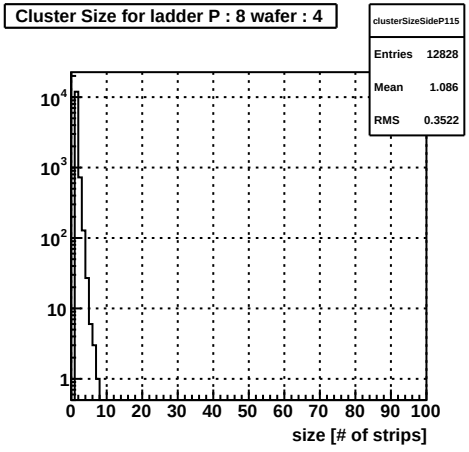

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 6924
Mean 1.095
RMS 0.3682
size [# of strips]

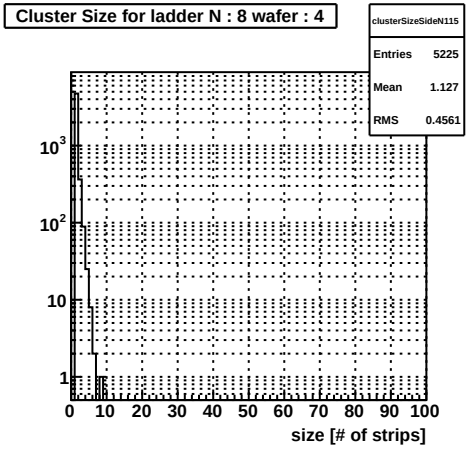

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 11099
Mean 1.195
RMS 0.6145
size [# of strips]

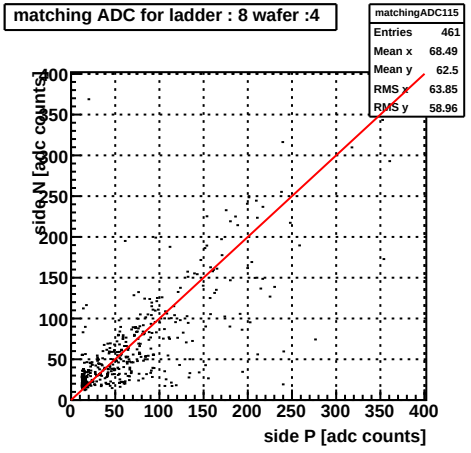

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 834
Mean x 58.04
Mean y 55.95
RMS x 58.85
RMS y 56.78
side N [adc counts]
side P [adc counts]

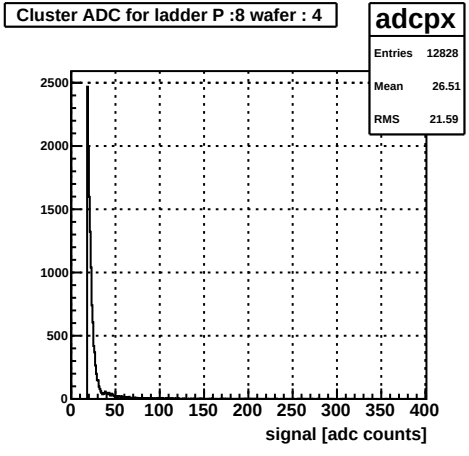

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 6924
Mean 33.62
RMS 31.98
signal [adc counts]

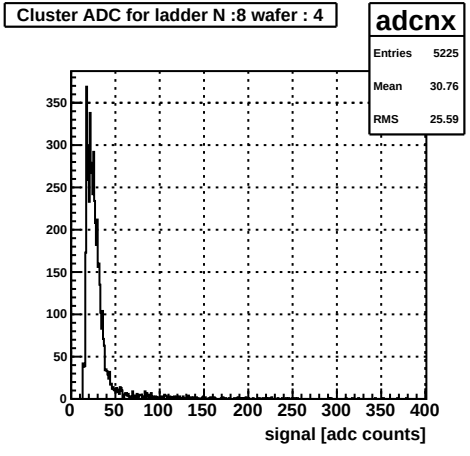

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 11099
Mean 23.08
RMS 24.88
signal [adc counts]

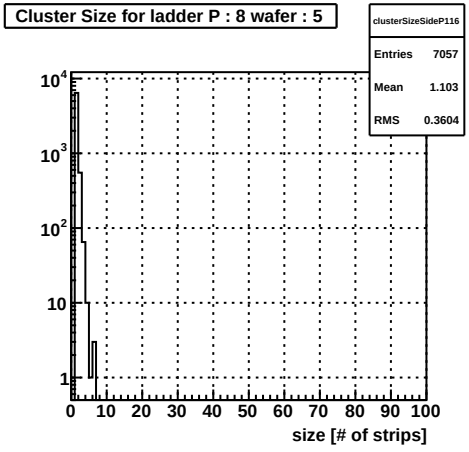

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 12828
Mean 1.086
RMS 0.3522
size [# of strips]

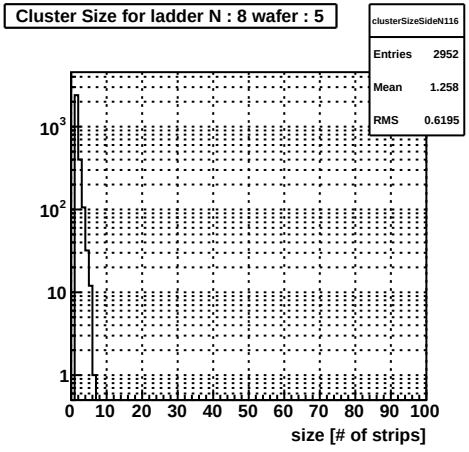

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 5225
Mean 1.127
RMS 0.4561
size [# of strips]

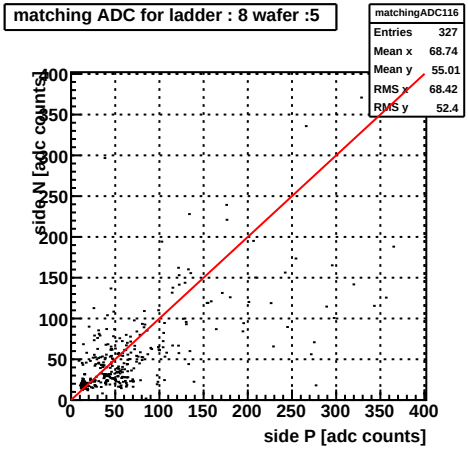

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 461
Mean x 68.49
Mean y 62.5
RMS x 63.85
RMS y 58.96
side N [adc counts]
side P [adc counts]

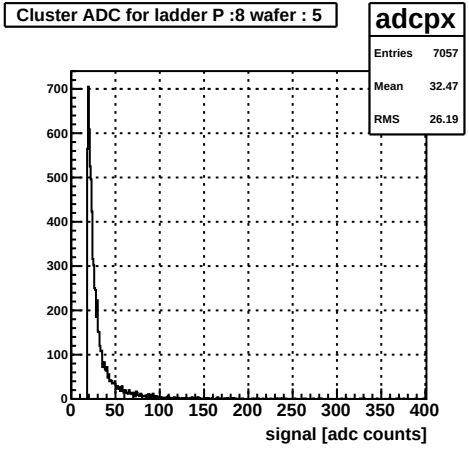

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 12828
Mean 26.51
RMS 21.59
signal [adc counts]

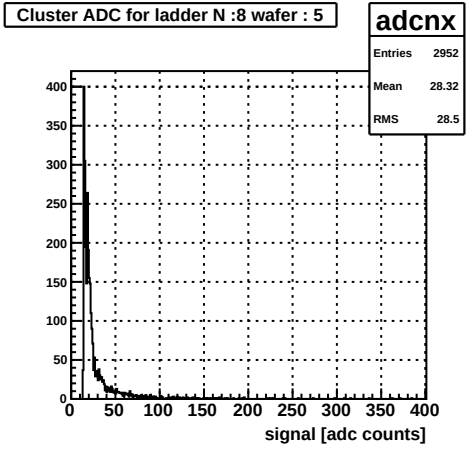

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 5225
Mean 30.76
RMS 25.59
signal [adc counts]

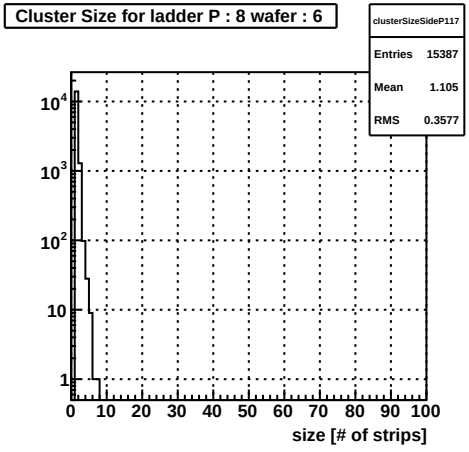

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 7057
Mean 1.103
RMS 0.3604
size [# of strips]

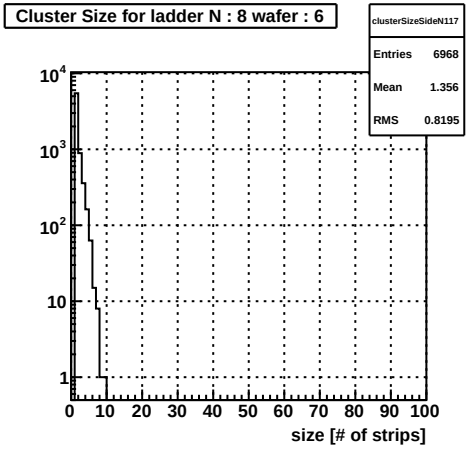

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 2952
Mean 1.258
RMS 0.6195
size [# of strips]

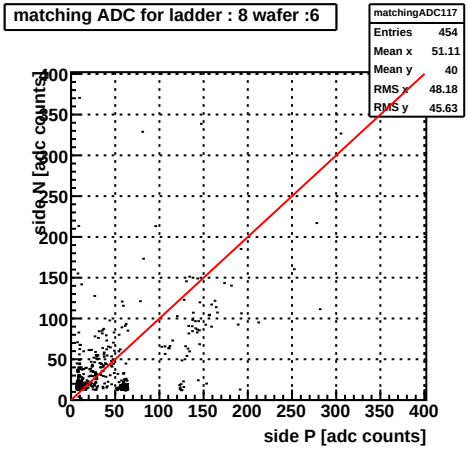

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 327
Mean x 68.74
Mean y 55.01
RMS x 68.42
RMS y 52.4
side N [adc counts]
side P [adc counts]

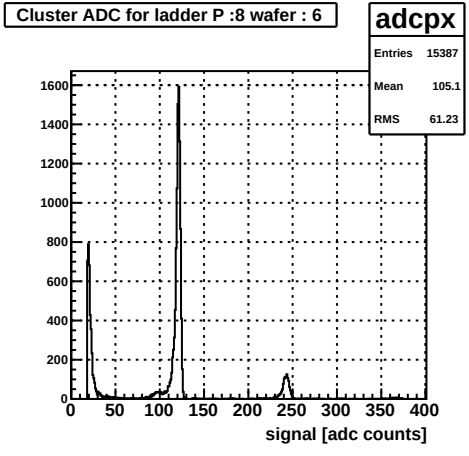

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 7057
Mean 32.47
RMS 26.19
signal [adc counts]

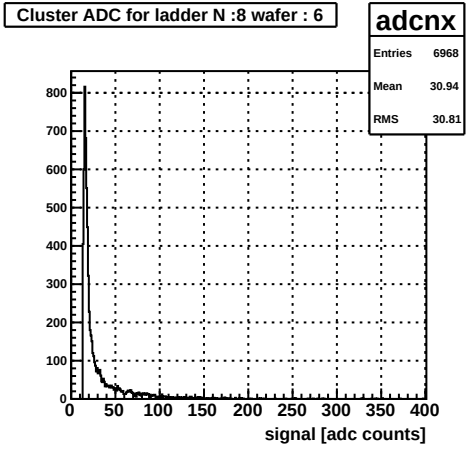

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 2952
Mean 28.32
RMS 28.5
signal [adc counts]

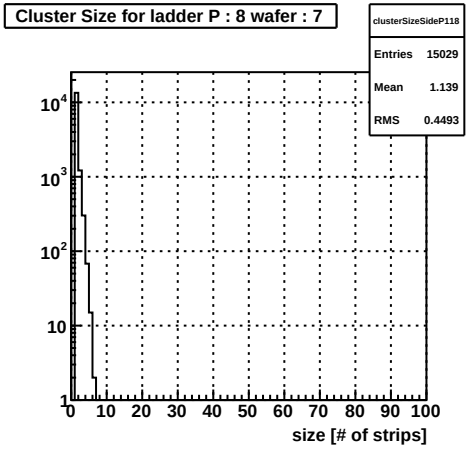

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 15387
Mean 1.105
RMS 0.3577
size [# of strips]

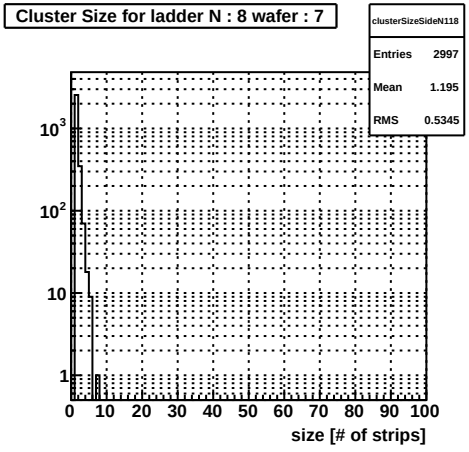

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 6968
Mean 1.356
RMS 0.8195
size [# of strips]

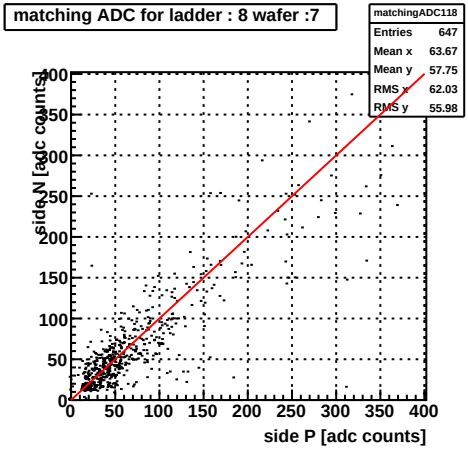

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 454
Mean x 51.11
Mean y 40
RMS x 48.18
RMS y 45.63
side N [adc counts]
side P [adc counts]

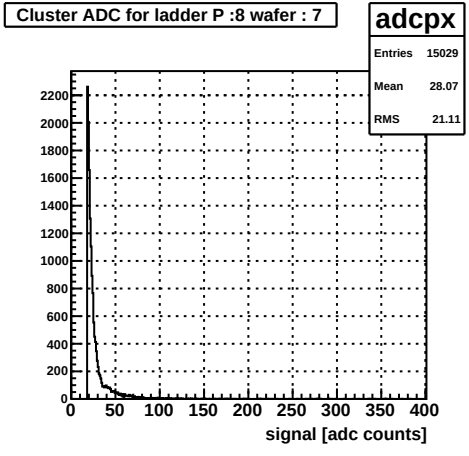

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 15387
Mean 105.1
RMS 61.23
signal [adc counts]

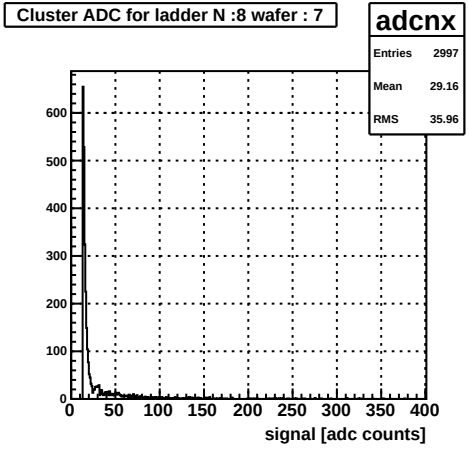

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 6968
Mean 30.94
RMS 30.81
signal [adc counts]

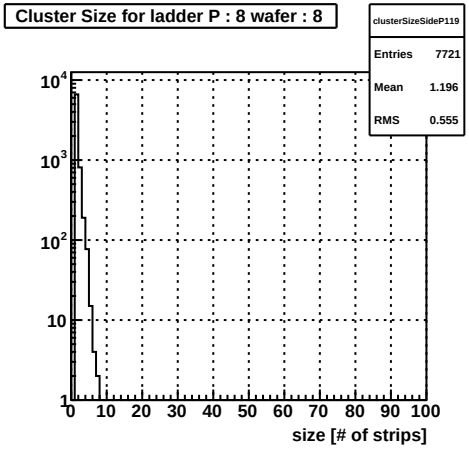

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 15029
Mean 1.139
RMS 0.4493
size [# of strips]

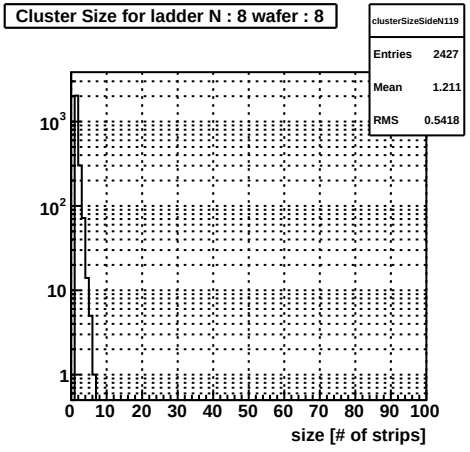

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 2997
Mean 1.195
RMS 0.5345
size [# of strips]

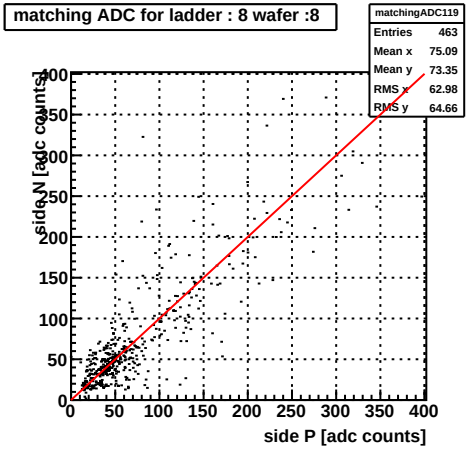

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 647
Mean x 63.67
Mean y 57.75
RMS x 62.03
RMS y 55.98
side N [adc counts]
side P [adc counts]

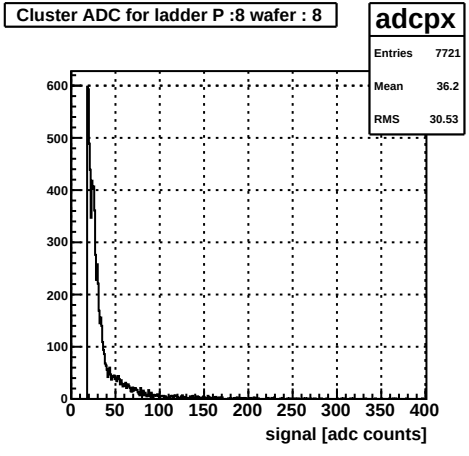

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 15029
Mean 28.07
RMS 21.11
signal [adc counts]

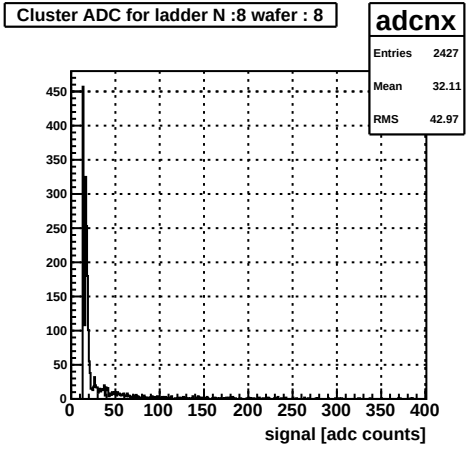

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 2997
Mean 29.16
RMS 35.96
signal [adc counts]

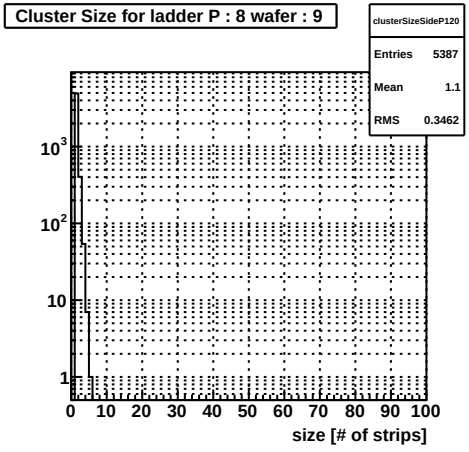

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 7721
Mean 1.196
RMS 0.555
size [# of strips]

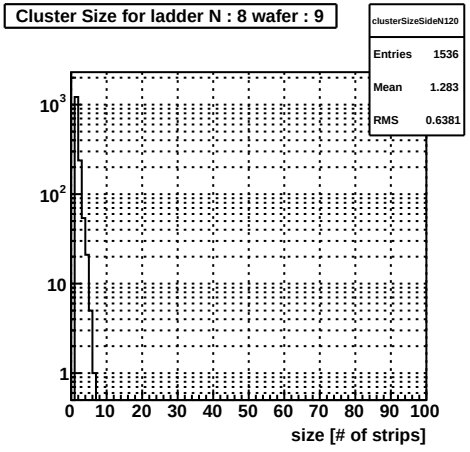

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 2427
Mean 1.211
RMS 0.5418
size [# of strips]

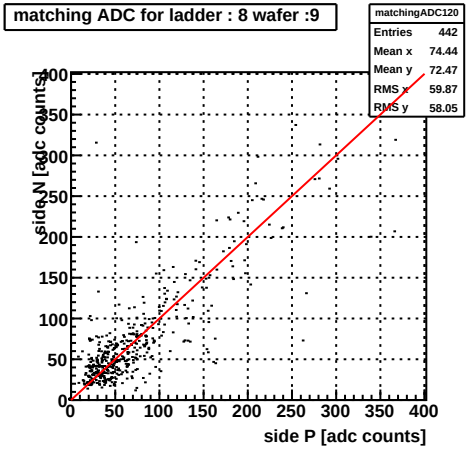

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 463
Mean x 75.09
Mean y 73.35
RMS x 62.98
RMS y 64.66
side N [adc counts]
side P [adc counts]

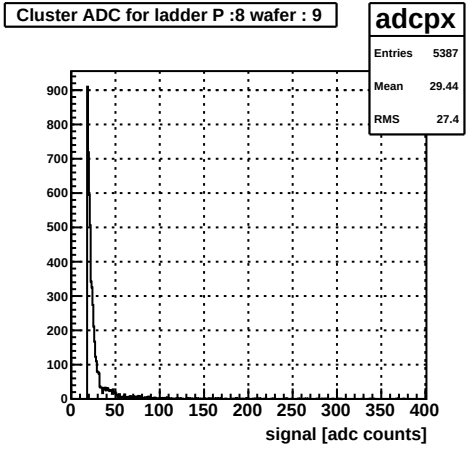

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 7721
Mean 36.2
RMS 30.53
signal [adc counts]

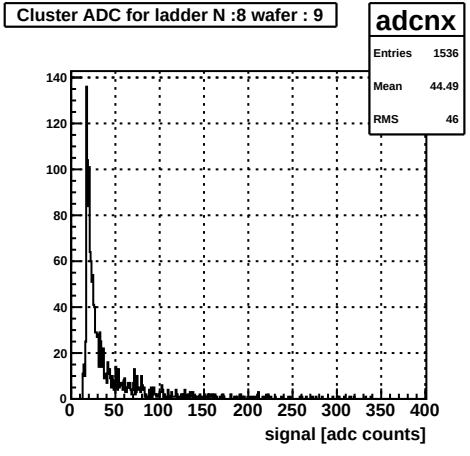

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 2427
Mean 32.11
RMS 42.97
signal [adc counts]

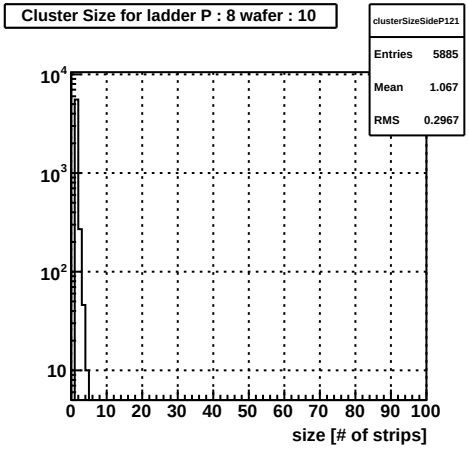

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 5387
Mean 1.1
RMS 0.3462
size [# of strips]

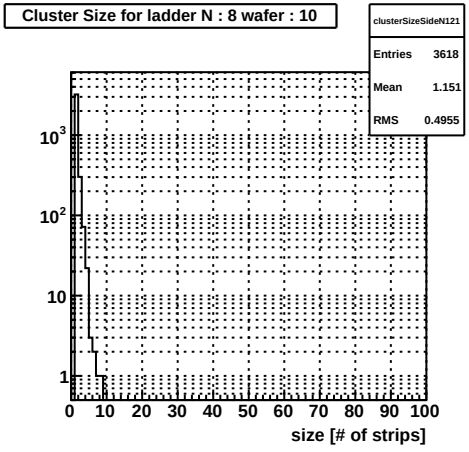

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 1536
Mean 1.283
RMS 0.6381
size [# of strips]

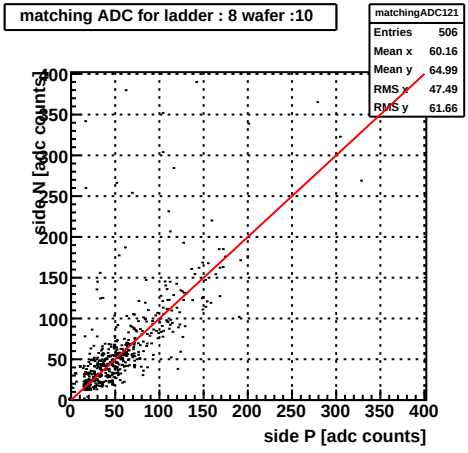

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 442
Mean x 74.44
Mean y 72.47
RMS x 59.87
RMS y 58.05
side N [adc counts]
side P [adc counts]

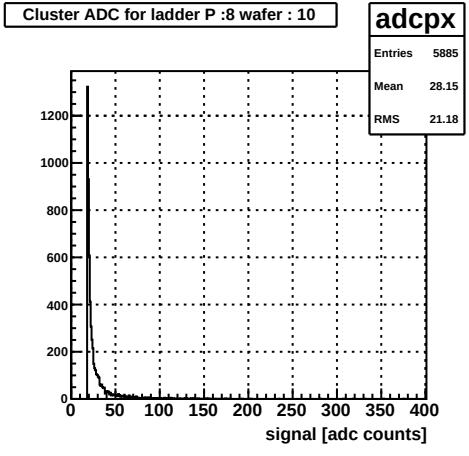

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 5387
Mean 29.44
RMS 27.4
signal [adc counts]

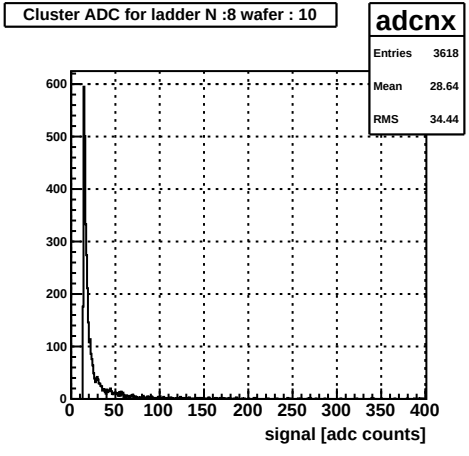

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 1536
Mean 44.49
RMS 46
signal [adc counts]

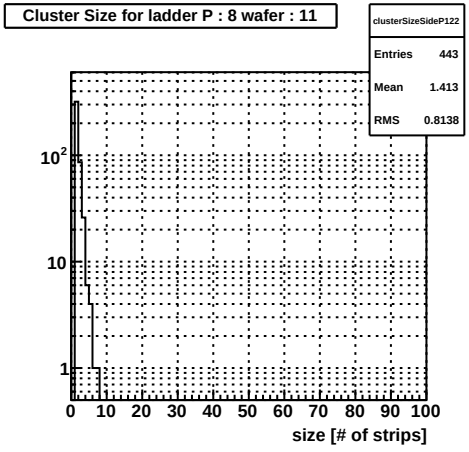

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 5885
Mean 1.067
RMS 0.2967
size [# of strips]

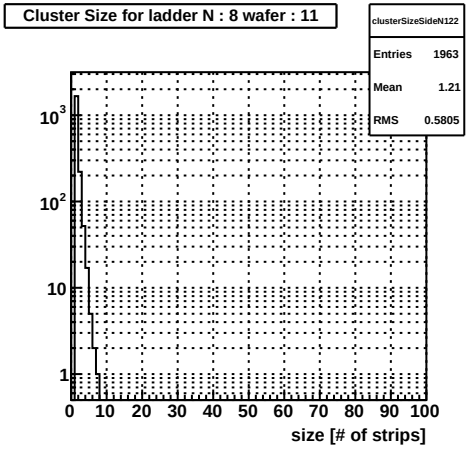

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 3618
Mean 1.151
RMS 0.4955
size [# of strips]

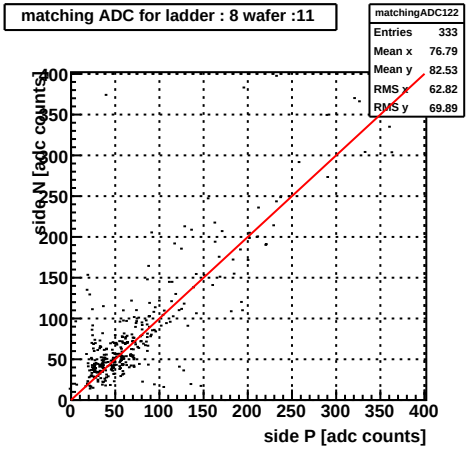

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 506
Mean x 60.16
Mean y 64.99
RMS x 47.49
RMS y 61.66
side N [adc counts]
side P [adc counts]

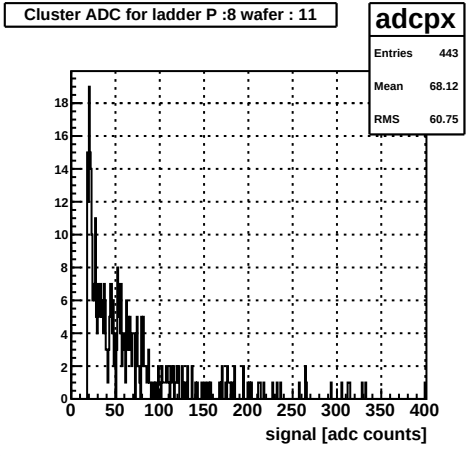

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 5885
Mean 28.15
RMS 21.18
signal [adc counts]

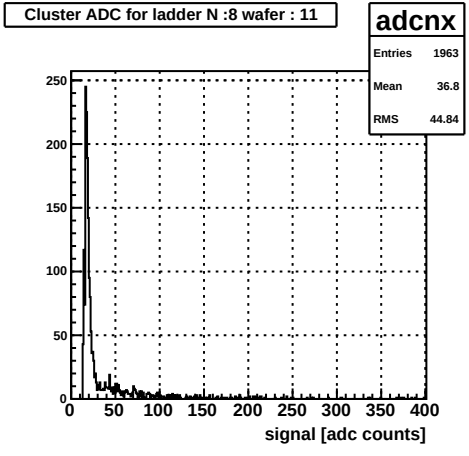

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 3618
Mean 28.64
RMS 34.44
signal [adc counts]

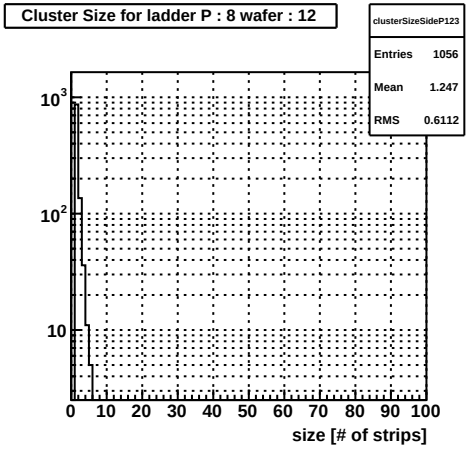

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 443
Mean 1.413
RMS 0.8138
size [# of strips]

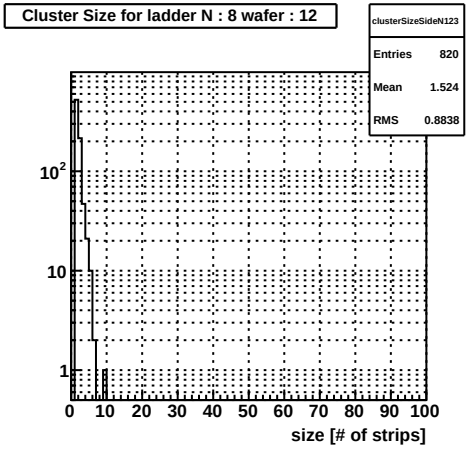

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 1963
Mean 1.21
RMS 0.5805
size [# of strips]

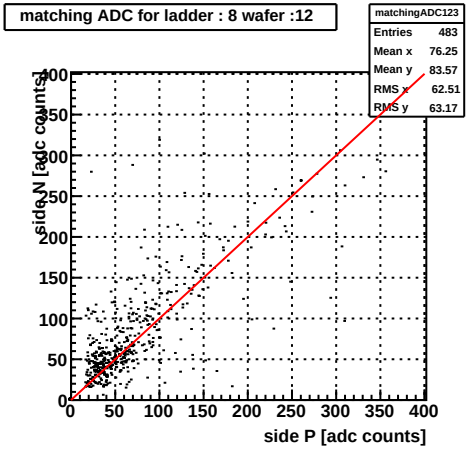

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 333
Mean x 76.79
Mean y 82.53
RMS x 62.82
RMS y 69.89
side N [adc counts]
side P [adc counts]

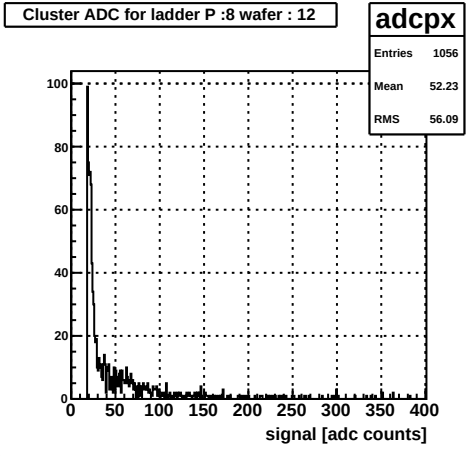

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 443
Mean 68.12
RMS 60.75
signal [adc counts]

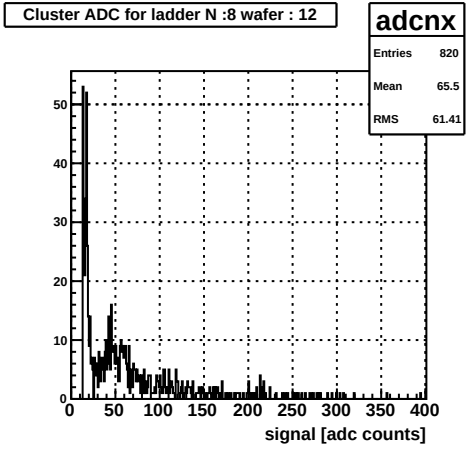

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 1963
Mean 36.8
RMS 44.84
signal [adc counts]

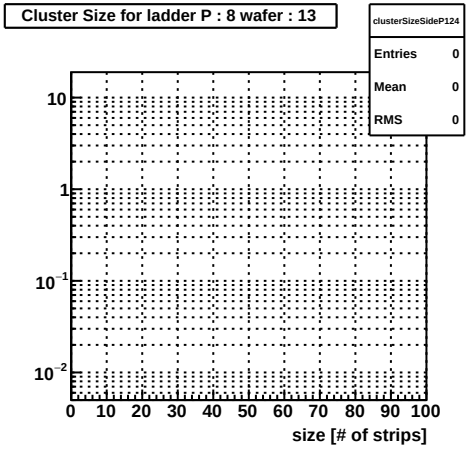

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 1056
Mean 1.247
RMS 0.6112
size [# of strips]

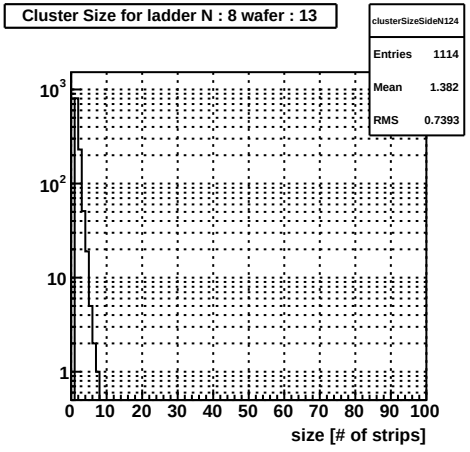

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 820
Mean 1.524
RMS 0.8838
size [# of strips]

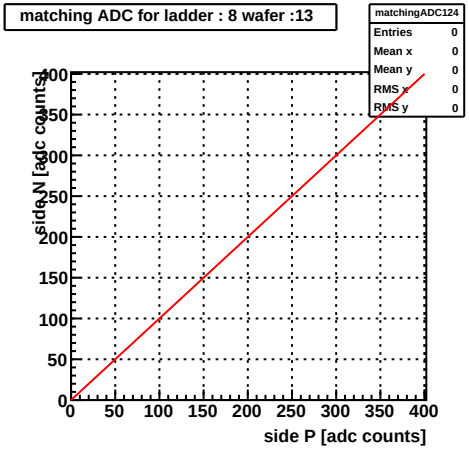

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 483
Mean x 76.25
Mean y 83.57
RMS x 62.51
RMS y 63.17
side N [adc counts]
side P [adc counts]

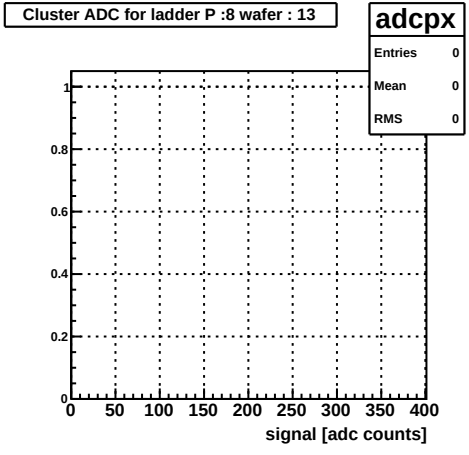

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 1056
Mean 52.23
RMS 56.09
signal [adc counts]

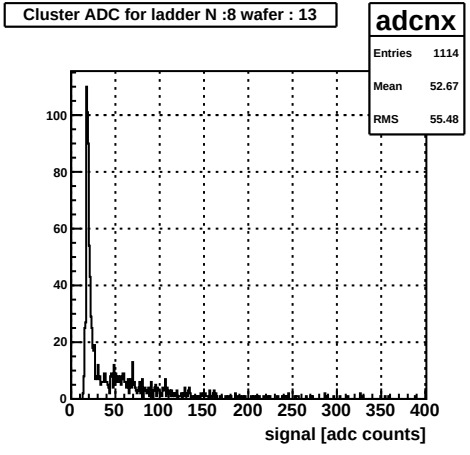

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 820
Mean 65.5
RMS 61.41
signal [adc counts]

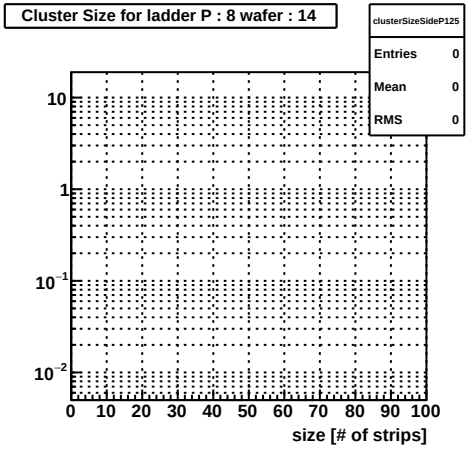

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

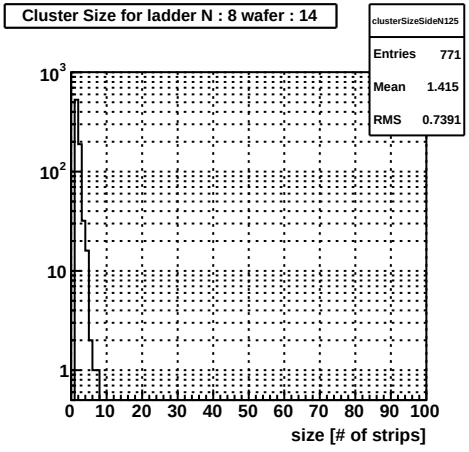

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 1114
Mean 1.382
RMS 0.7393
size [# of strips]

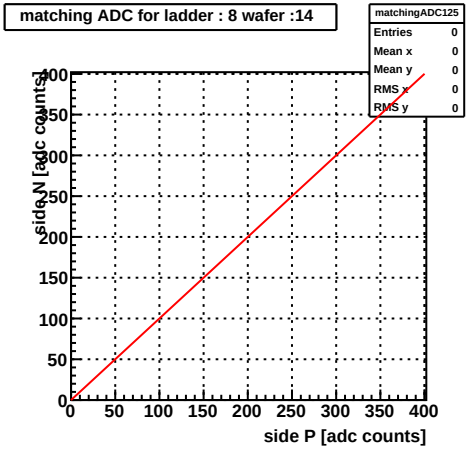

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

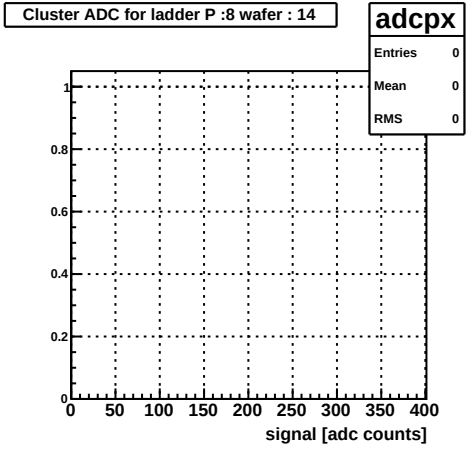

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

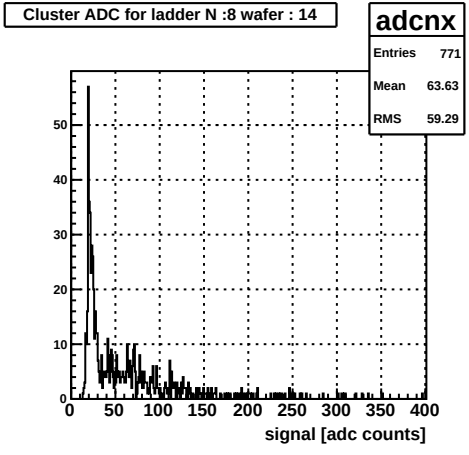

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 1114
Mean 52.67
RMS 55.48
signal [adc counts]

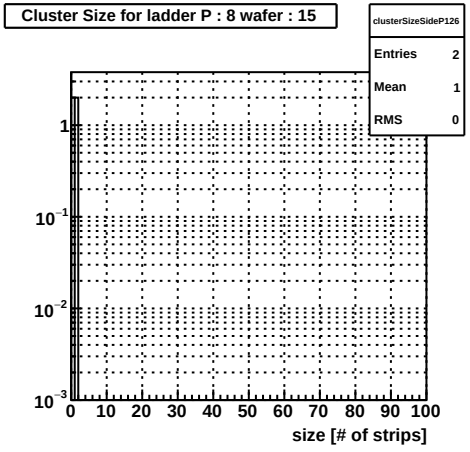

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

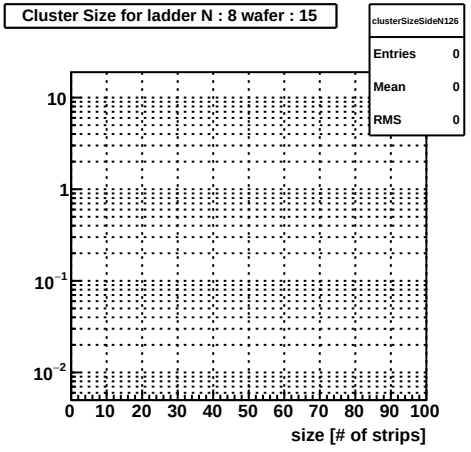

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 771
Mean 1.415
RMS 0.7391
size [# of strips]

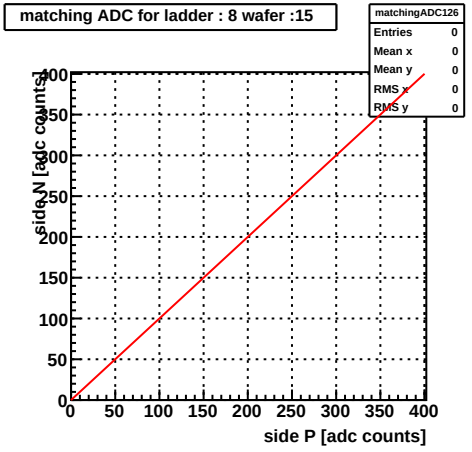

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

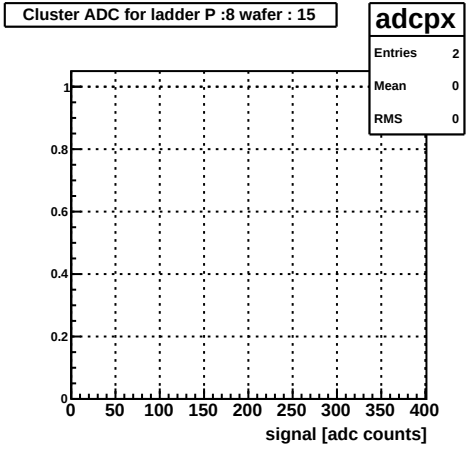

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

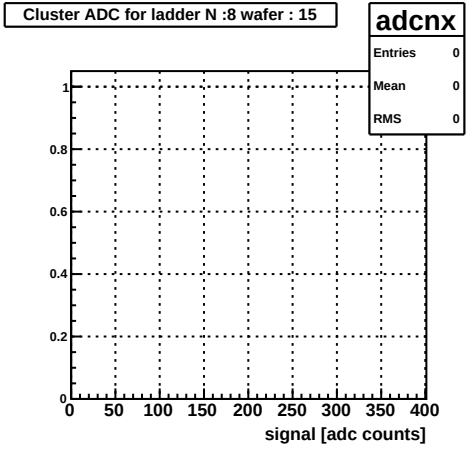

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 771
Mean 63.63
RMS 59.29
signal [adc counts]

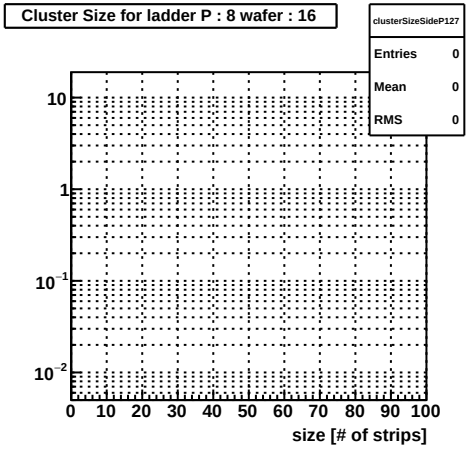

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 2
Mean 1
RMS 0
size [# of strips]

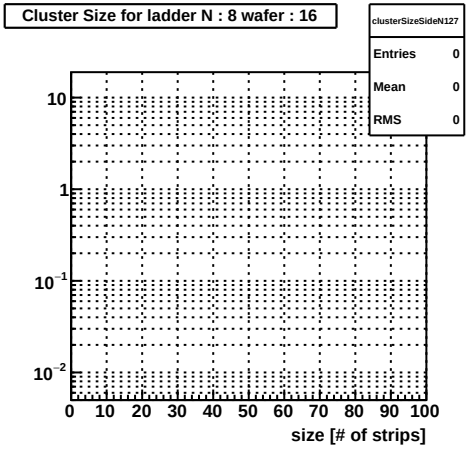

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

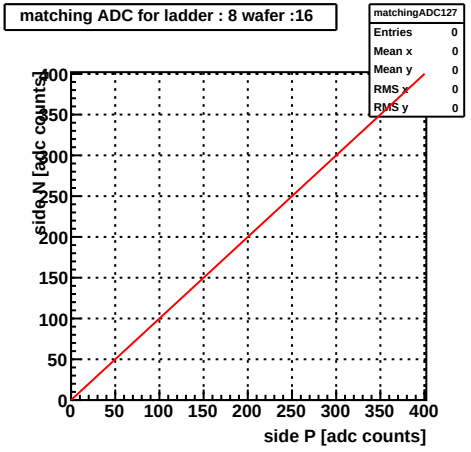

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

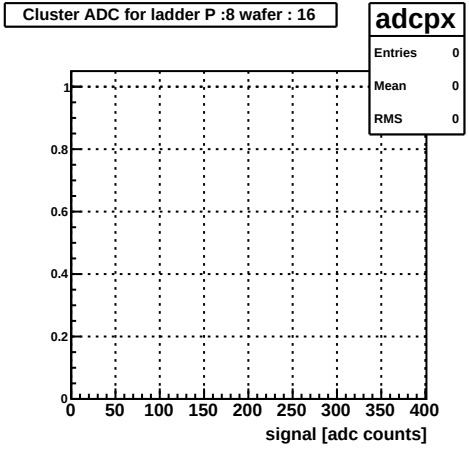

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

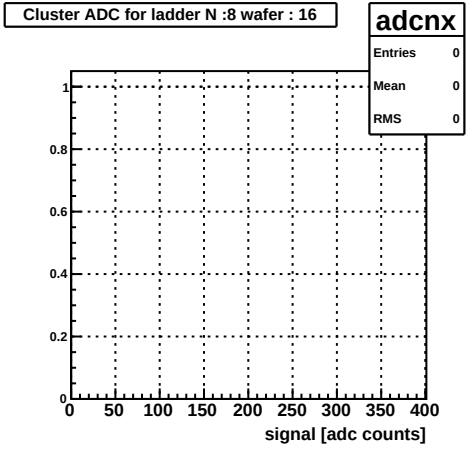

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

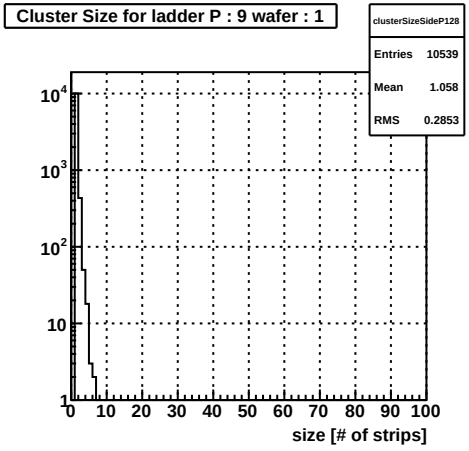

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

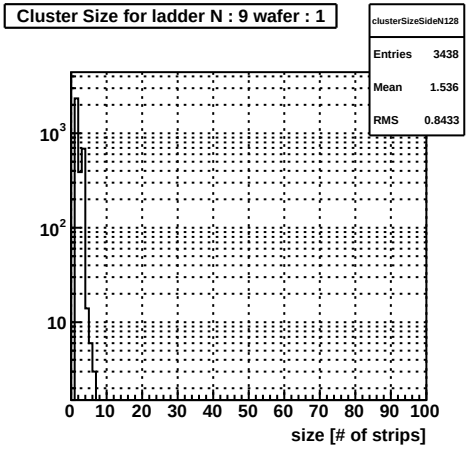

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

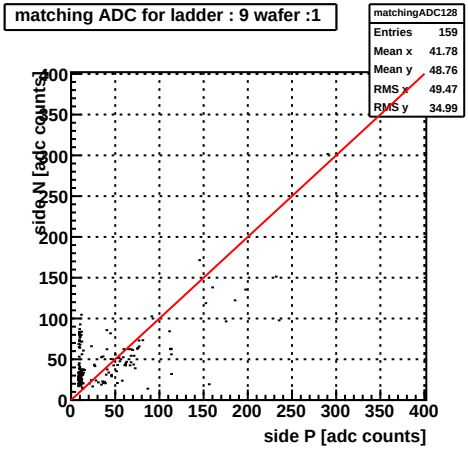

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

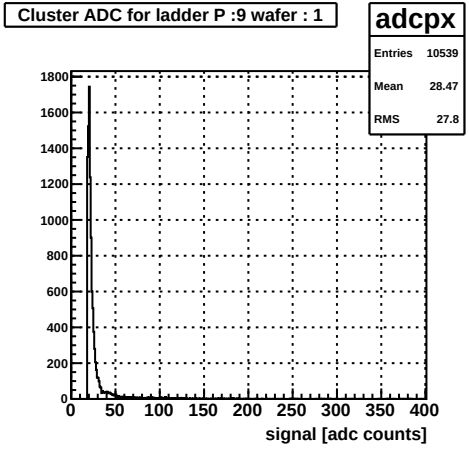

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

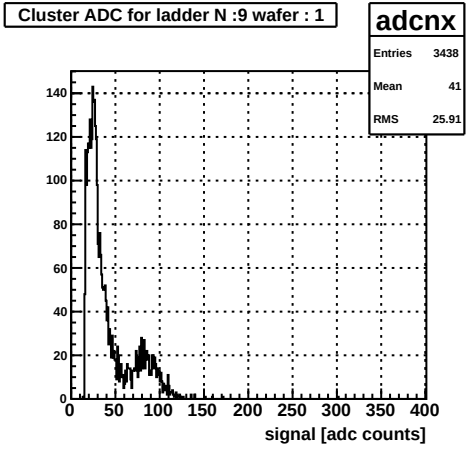

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

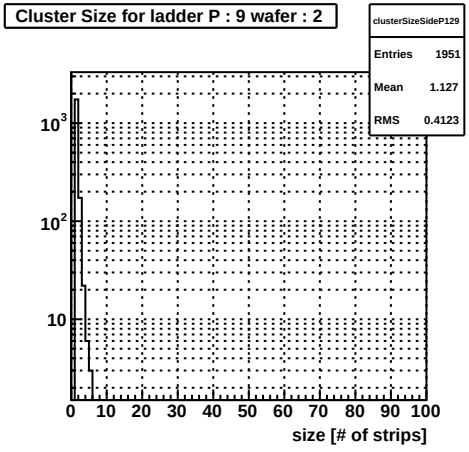

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 10539
Mean 1.058
RMS 0.2853
size [# of strips]

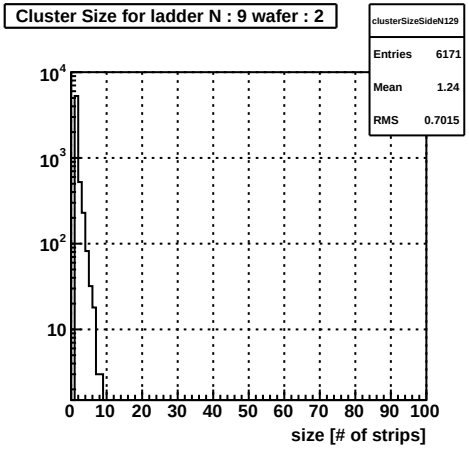

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 3438
Mean 1.536
RMS 0.8433
size [# of strips]

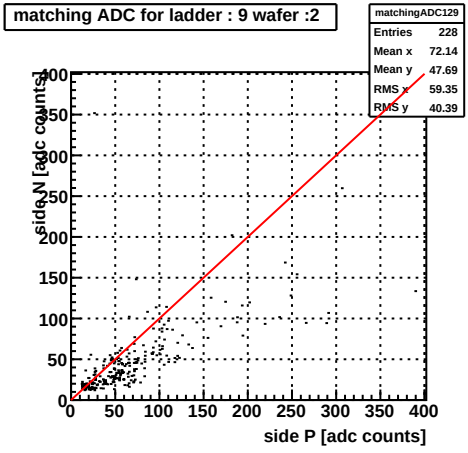

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 159
Mean x 41.78
Mean y 48.76
RMS x 49.47
RMS y 34.99
side N [adc counts]
side P [adc counts]

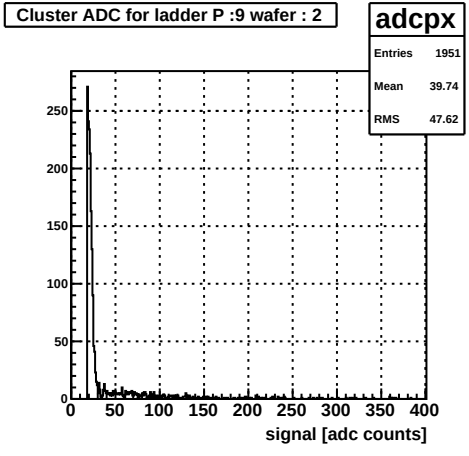

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 10539
Mean 28.47
RMS 27.8
signal [adc counts]

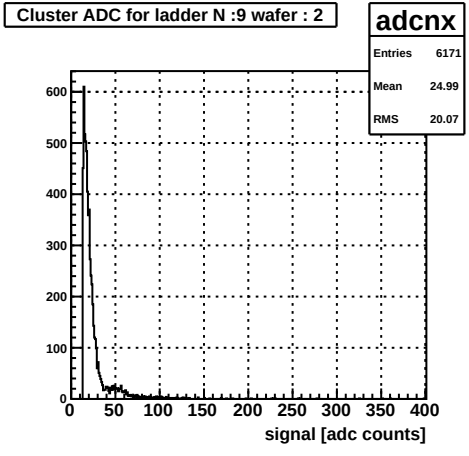

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 3438
Mean 41
RMS 25.91
signal [adc counts]

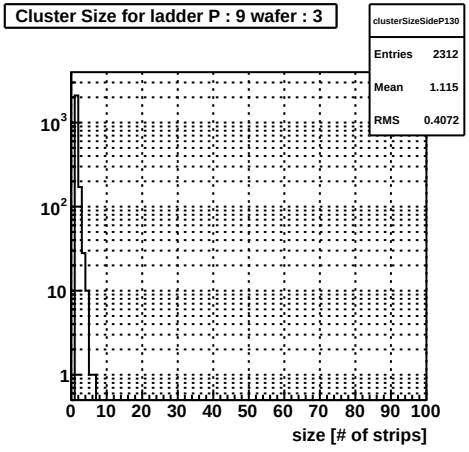

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 1951
Mean 1.127
RMS 0.4123
size [# of strips]

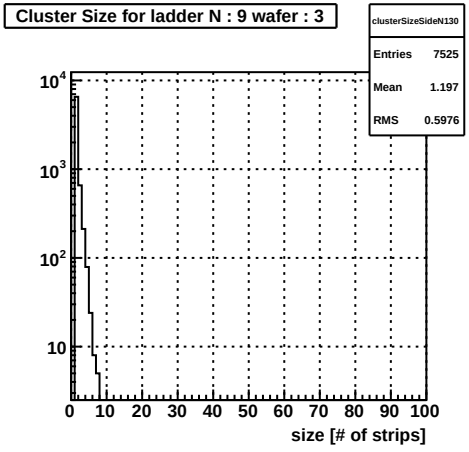

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 6171
Mean 1.24
RMS 0.7015
size [# of strips]

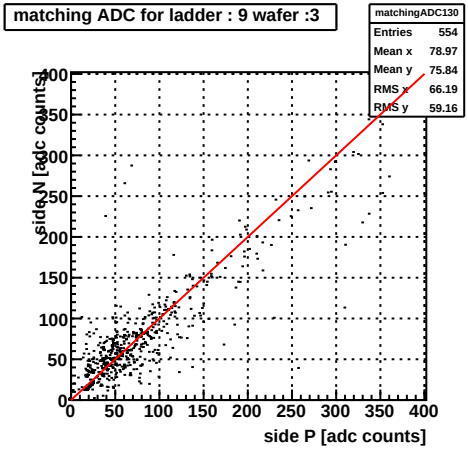

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 228
Mean x 72.14
Mean y 47.69
RMS x 59.35
RMS y 40.39
side N [adc counts]
side P [adc counts]

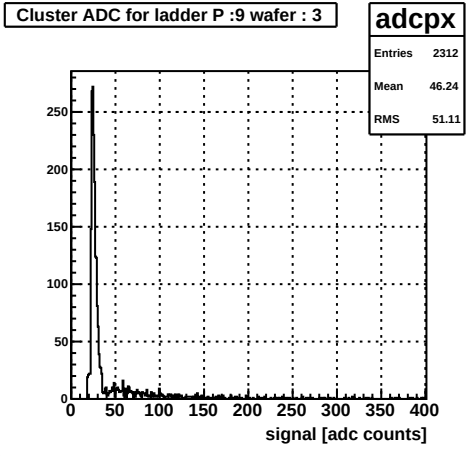

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 1951
Mean 39.74
RMS 47.62
signal [adc counts]

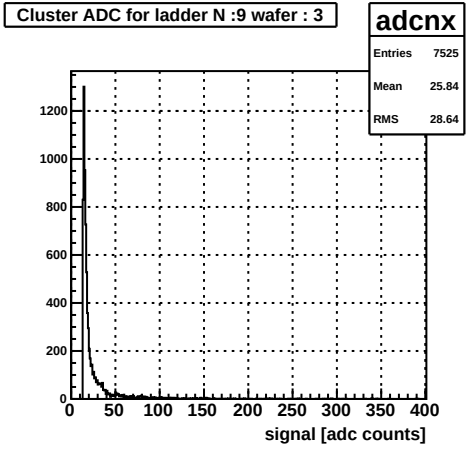

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 6171
Mean 24.99
RMS 20.07
signal [adc counts]

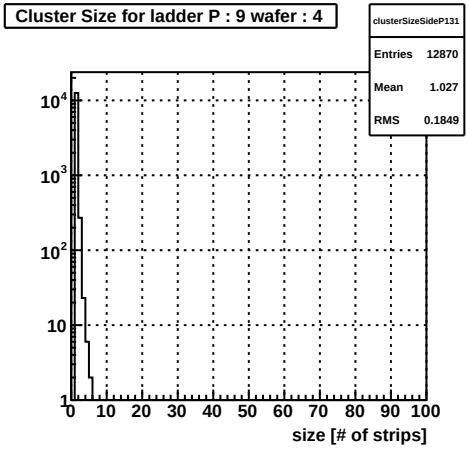

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 2312
Mean 1.115
RMS 0.4072
size [# of strips]

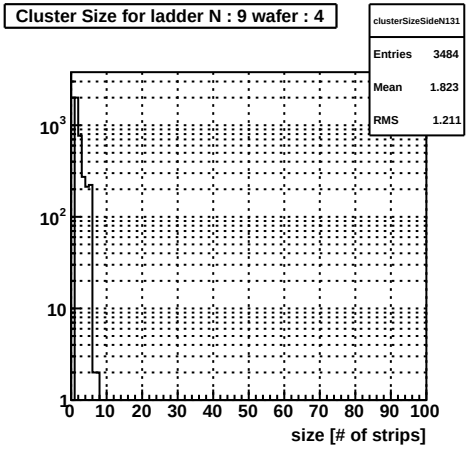

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 7525
Mean 1.197
RMS 0.5976
size [# of strips]

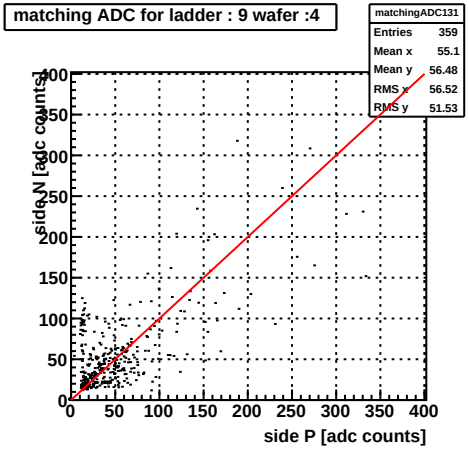

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 554
Mean x 78.97
Mean y 75.84
RMS x 66.19
RMS y 59.16
side N [adc counts]
side P [adc counts]

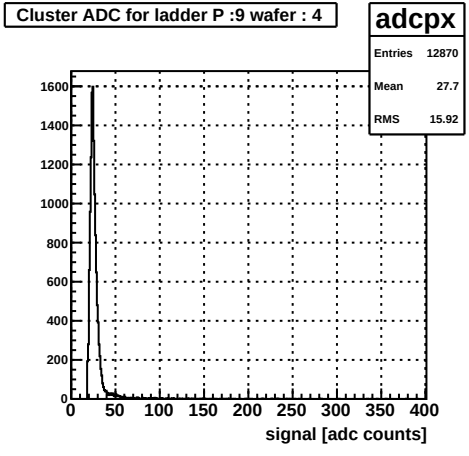

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 2312
Mean 46.24
RMS 51.11
signal [adc counts]

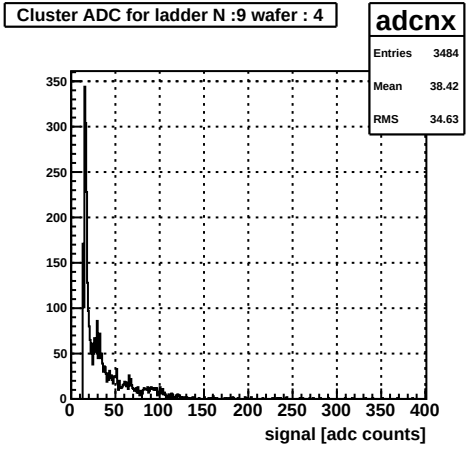

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 7525
Mean 25.84
RMS 28.64
signal [adc counts]

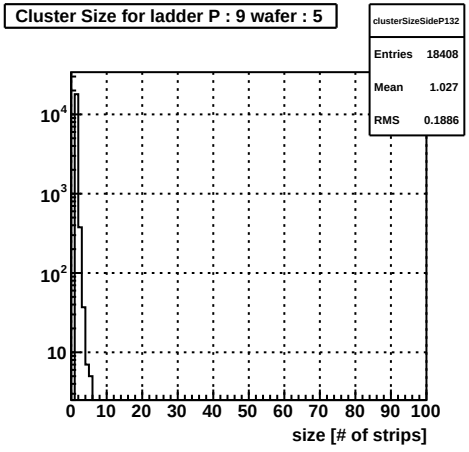

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 12870
Mean 1.027
RMS 0.1849
size [# of strips]

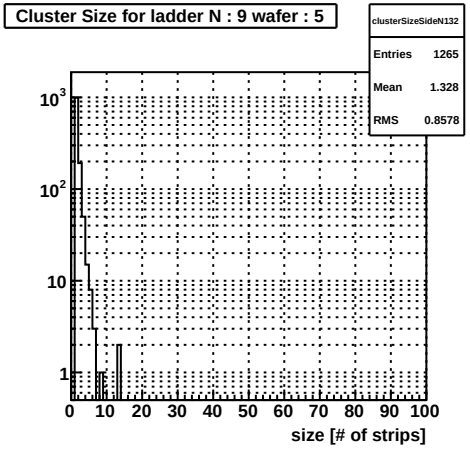

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 3484
Mean 1.823
RMS 1.211
size [# of strips]

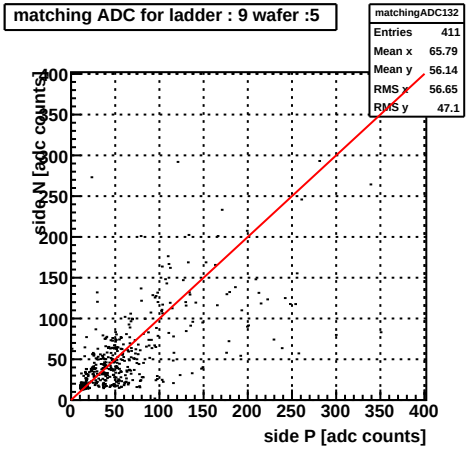

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 359
Mean x 55.1
Mean y 56.48
RMS x 56.52
RMS y 51.53
side N [adc counts]
side P [adc counts]

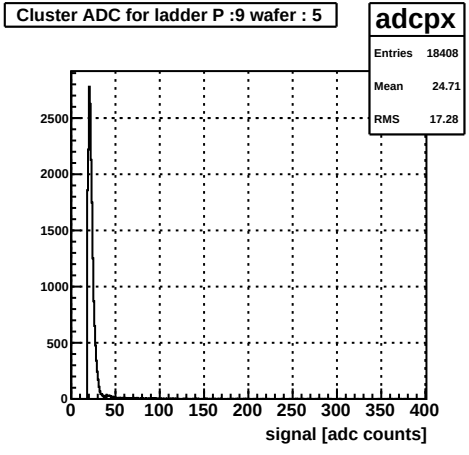

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 12870
Mean 27.7
RMS 15.92
signal [adc counts]

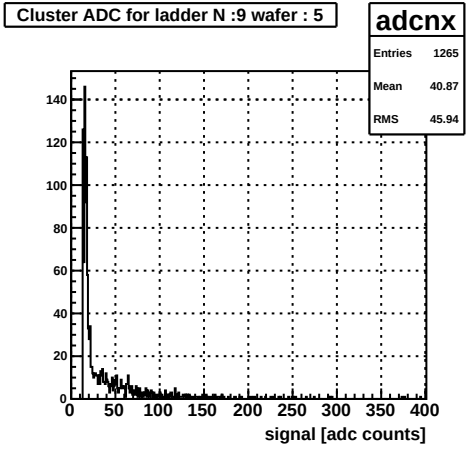

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 3484
Mean 38.42
RMS 34.63
signal [adc counts]

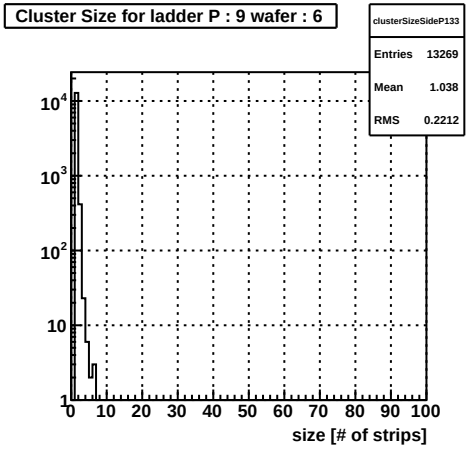

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 18408
Mean 1.027
RMS 0.1886
size [# of strips]

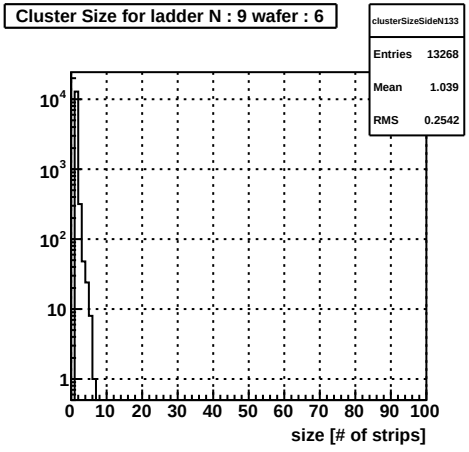

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 1265
Mean 1.328
RMS 0.8578
size [# of strips]

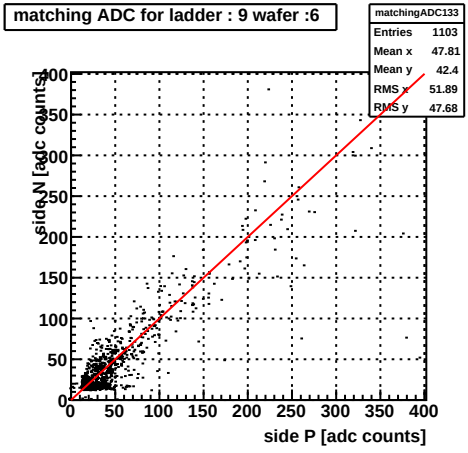

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 411
Mean x 65.79
Mean y 56.14
RMS x 56.65
RMS y 47.1
side N [adc counts]
side P [adc counts]

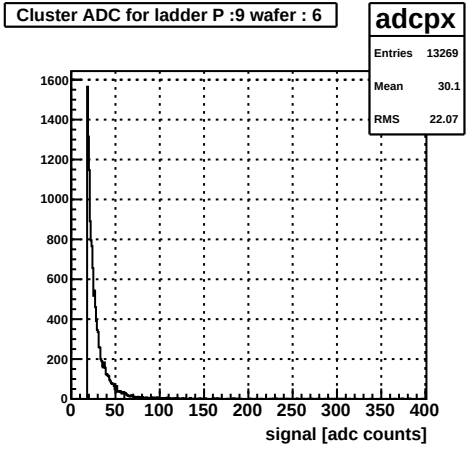

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 18408
Mean 24.71
RMS 17.28
signal [adc counts]

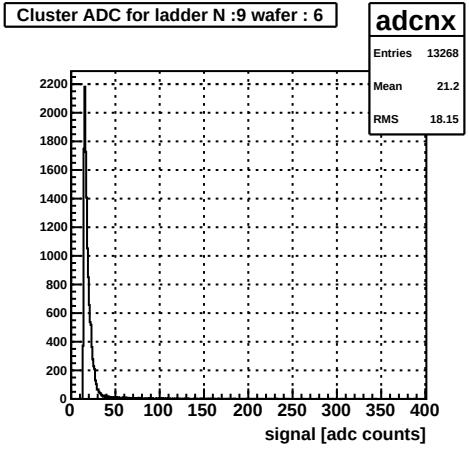

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 1265
Mean 40.87
RMS 45.94
signal [adc counts]

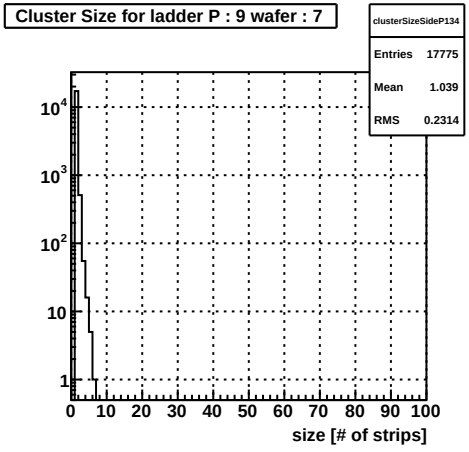

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 13269
Mean 1.038
RMS 0.2212
size [# of strips]

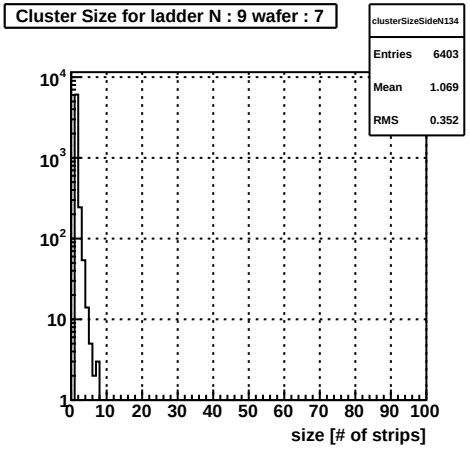

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 13268
Mean 1.039
RMS 0.2542
size [# of strips]

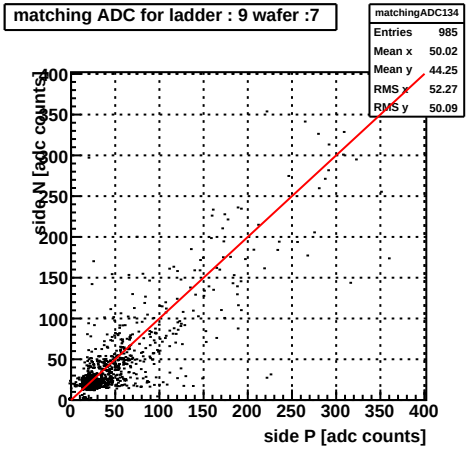

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 1103
Mean x 47.81
Mean y 42.4
RMS x 51.89
RMS y 47.68
side N [adc counts]
side P [adc counts]

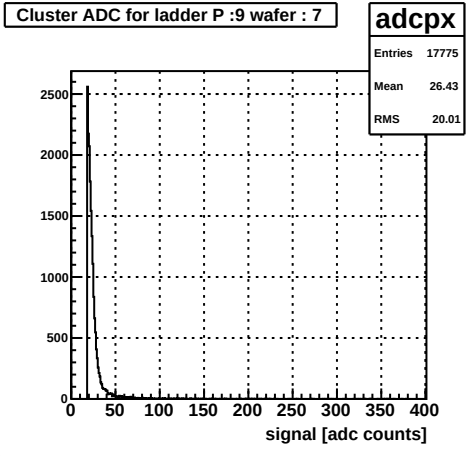

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 13269
Mean 30.1
RMS 22.07
signal [adc counts]

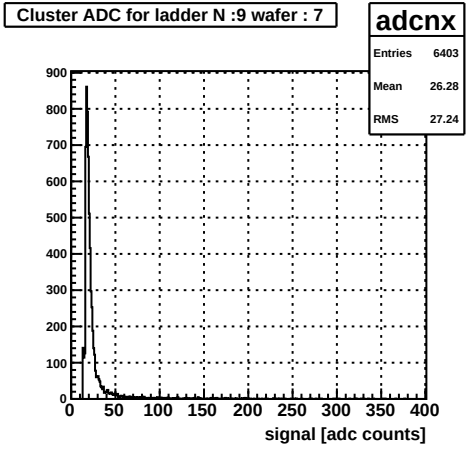

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 13268
Mean 21.2
RMS 18.15
signal [adc counts]

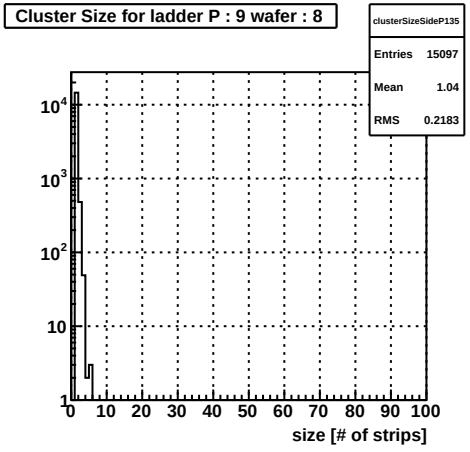

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 17775
Mean 1.039
RMS 0.2314
size [# of strips]

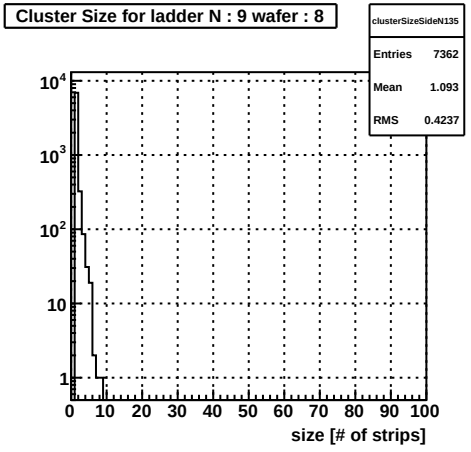

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 6403
Mean 1.069
RMS 0.352
size [# of strips]

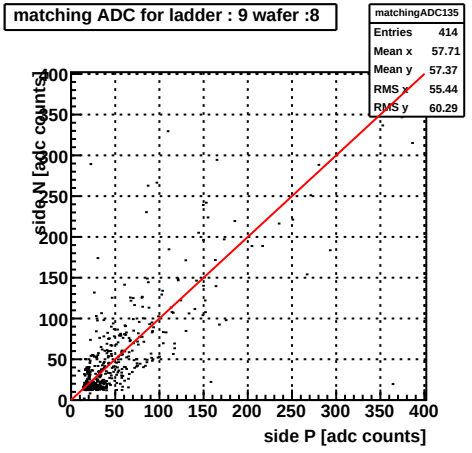

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 985
Mean x 50.02
Mean y 44.25
RMS x 52.27
RMS y 50.09
side N [adc counts]
side P [adc counts]

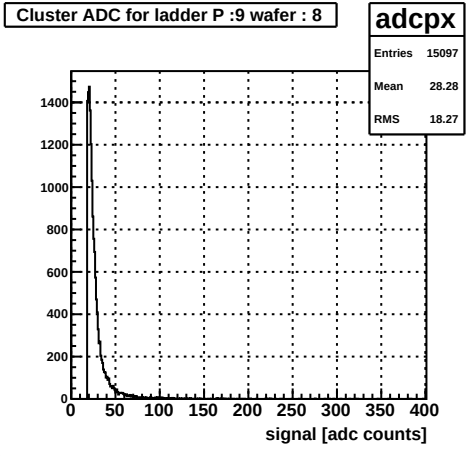

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 17775
Mean 26.43
RMS 20.01
signal [adc counts]

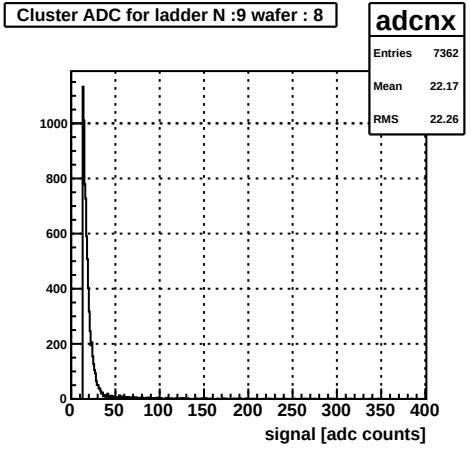

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 6403
Mean 26.28
RMS 27.24
signal [adc counts]

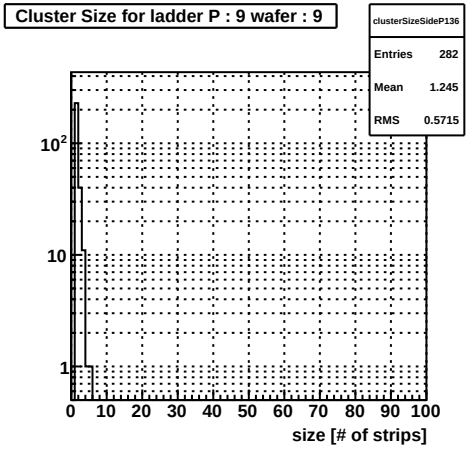

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 15097
Mean 1.04
RMS 0.2183
size [# of strips]

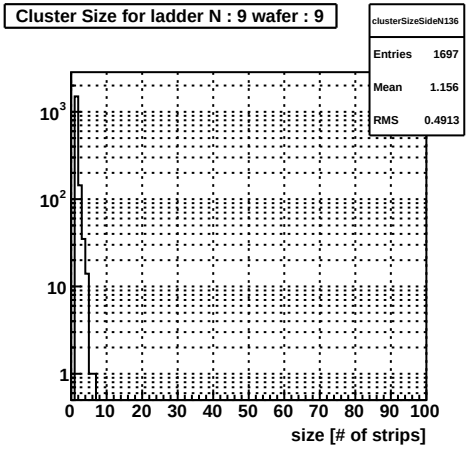

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 7362
Mean 1.093
RMS 0.4237
size [# of strips]

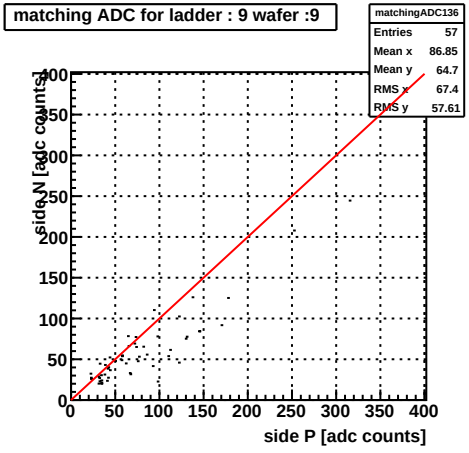

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 414
Mean x 57.71
Mean y 57.37
RMS x 55.44
RMS y 60.29
side N [adc counts]
side P [adc counts]

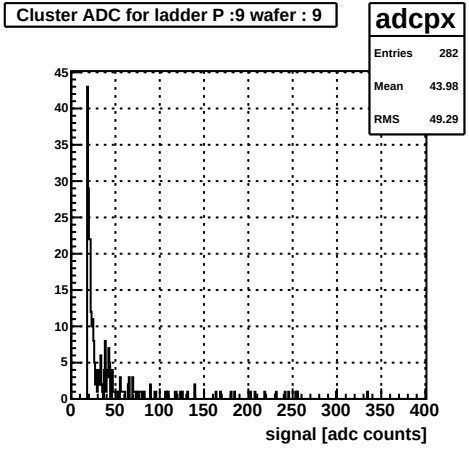

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 15097
Mean 28.28
RMS 18.27
signal [adc counts]

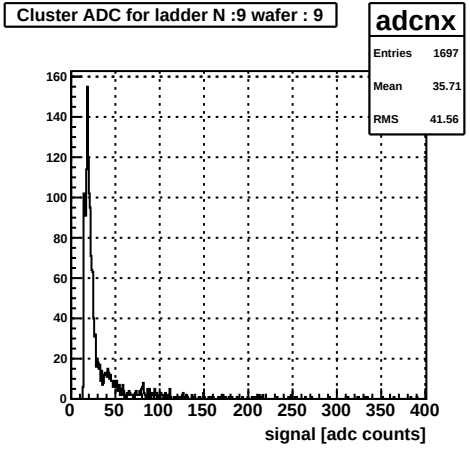

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 7362
Mean 22.17
RMS 22.26
signal [adc counts]

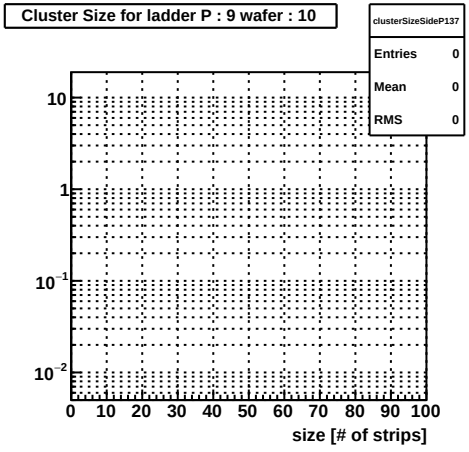

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 282
Mean 1.245
RMS 0.5715
size [# of strips]

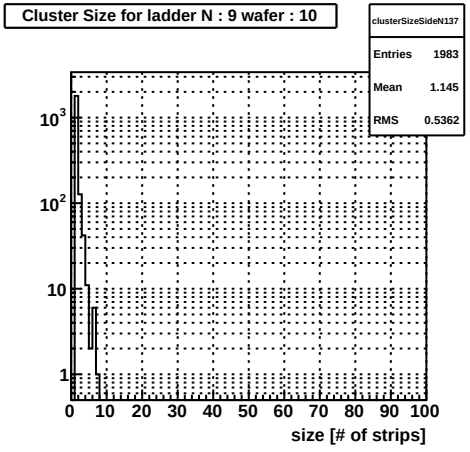

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 1697
Mean 1.156
RMS 0.4913
size [# of strips]

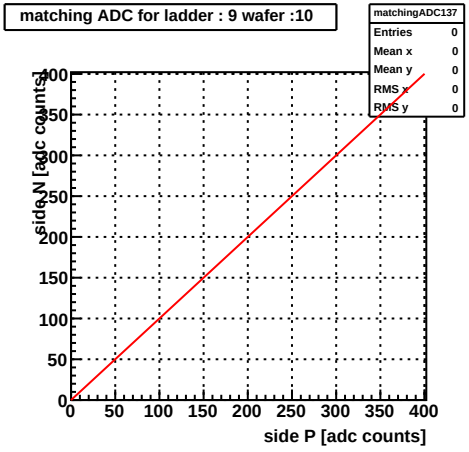

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 57
Mean x 86.85
Mean y 64.7
RMS x 67.4
RMS y 57.61
side N [adc counts]
side P [adc counts]

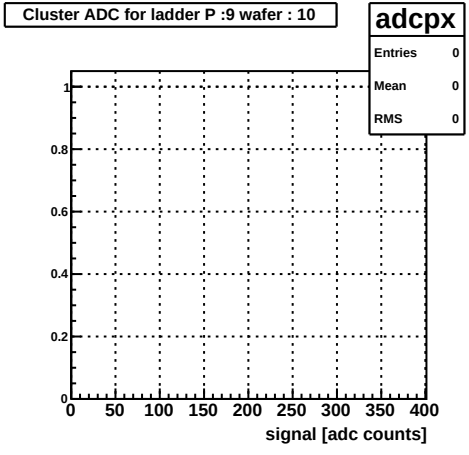

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 282
Mean 43.98
RMS 49.29
signal [adc counts]

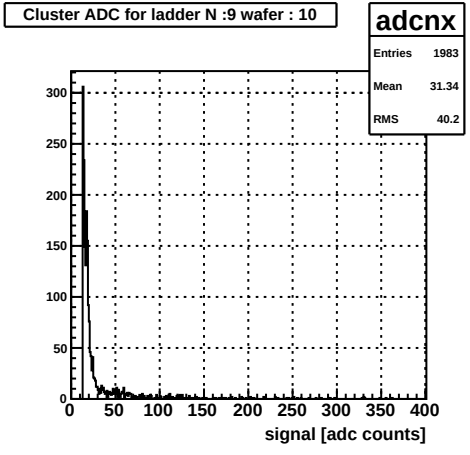

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 1697
Mean 35.71
RMS 41.56
signal [adc counts]

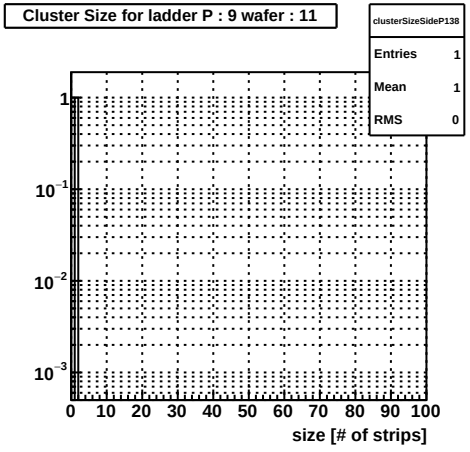

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

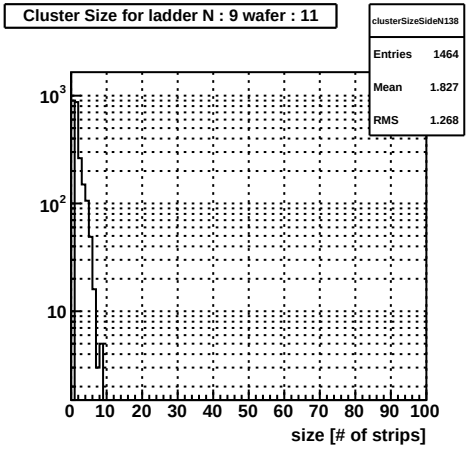

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 1983
Mean 1.145
RMS 0.5362
size [# of strips]

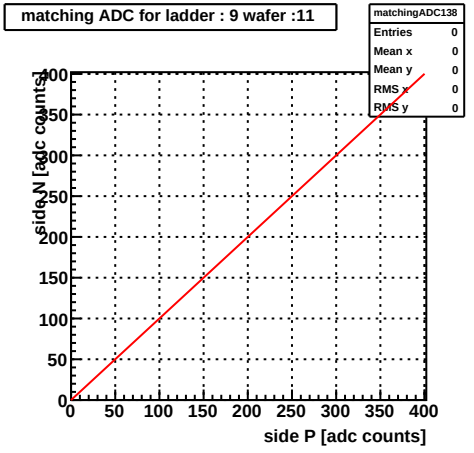

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

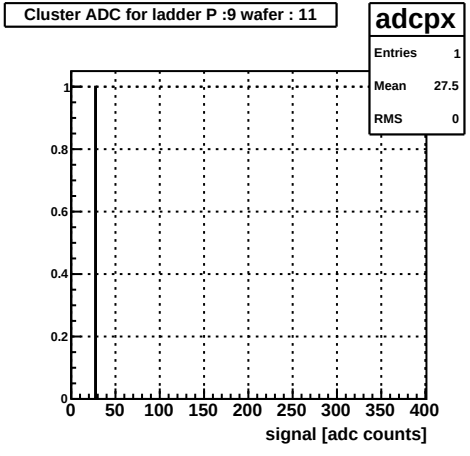

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

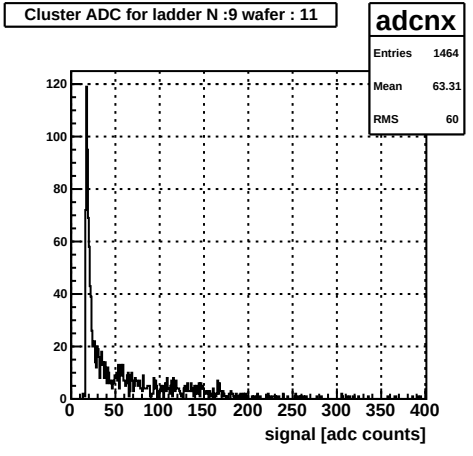

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 1983
Mean 31.34
RMS 40.2
signal [adc counts]

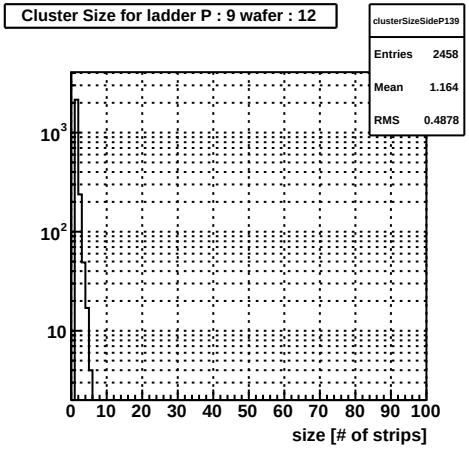

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 1
Mean 1
RMS 0
size [# of strips]

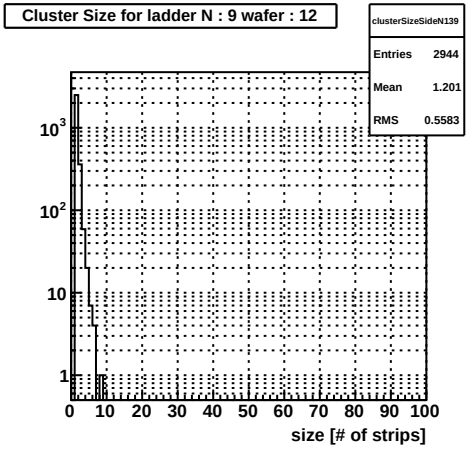

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 1464
Mean 1.827
RMS 1.268
size [# of strips]

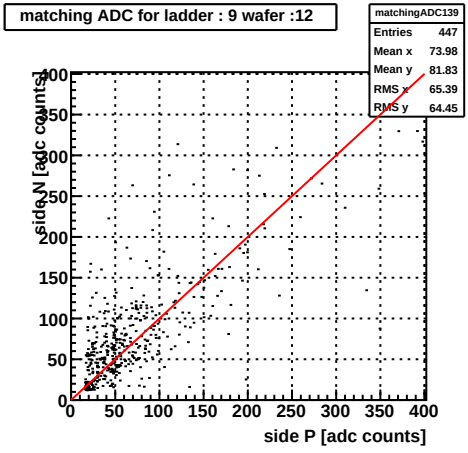

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

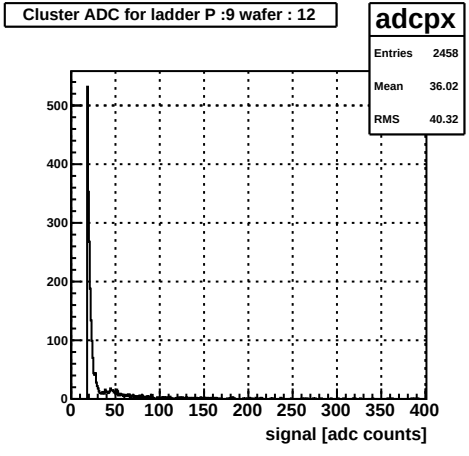

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 1
Mean 27.5
RMS 0
signal [adc counts]

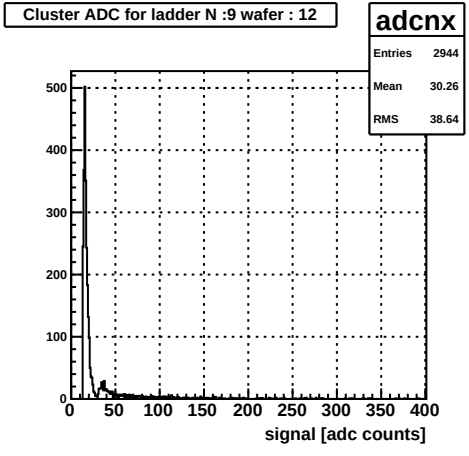

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 1464
Mean 63.31
RMS 60
signal [adc counts]

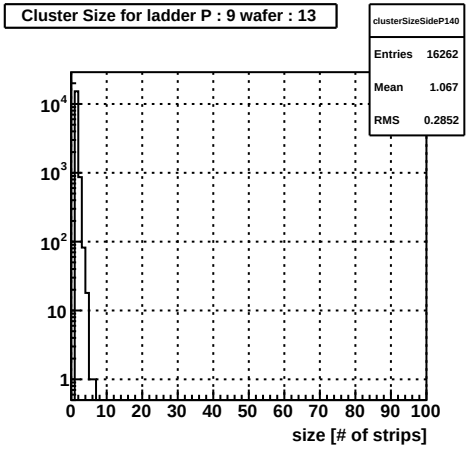

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 2458
Mean 1.164
RMS 0.4878
size [# of strips]

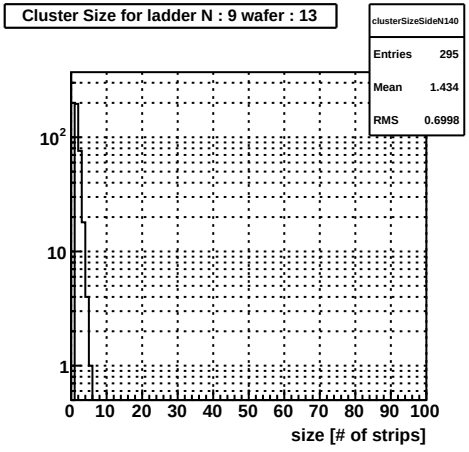

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 2944
Mean 1.201
RMS 0.5583
size [# of strips]

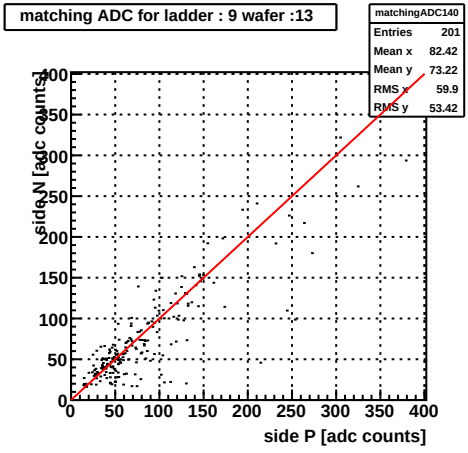

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 447
Mean x 73.98
Mean y 81.83
RMS x 65.39
RMS y 64.45
side N [adc counts]
side P [adc counts]

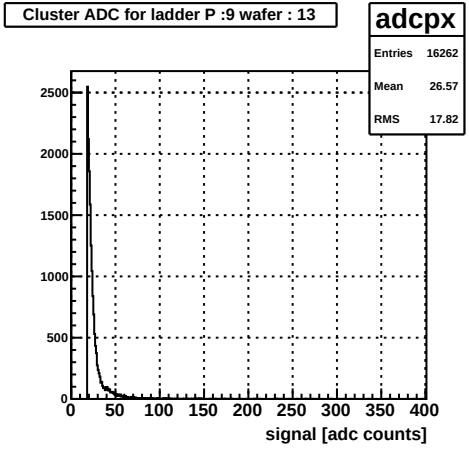

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 2458
Mean 36.02
RMS 40.32
signal [adc counts]

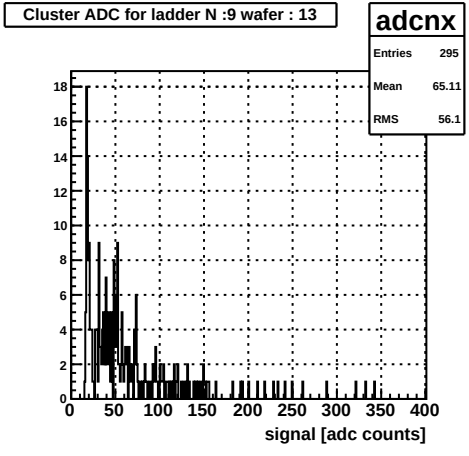

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 2944
Mean 30.26
RMS 38.64
signal [adc counts]

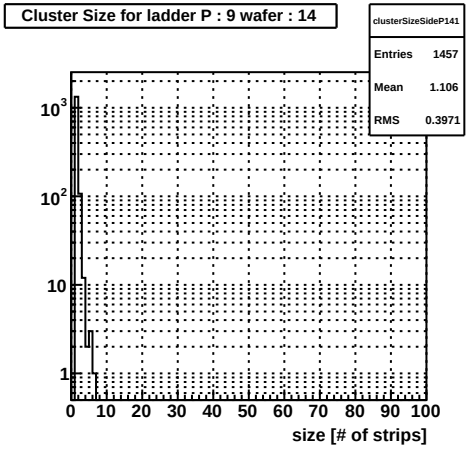

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 16262
Mean 1.067
RMS 0.2852
size [# of strips]

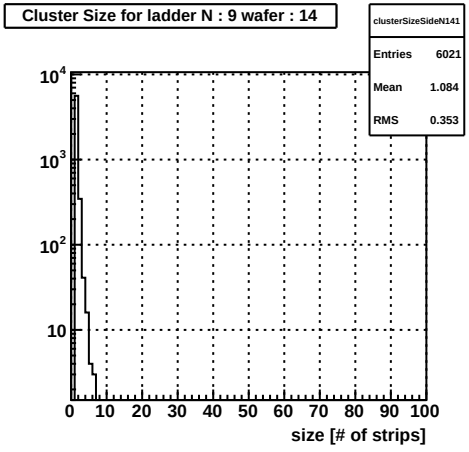

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 295
Mean 1.434
RMS 0.6998
size [# of strips]

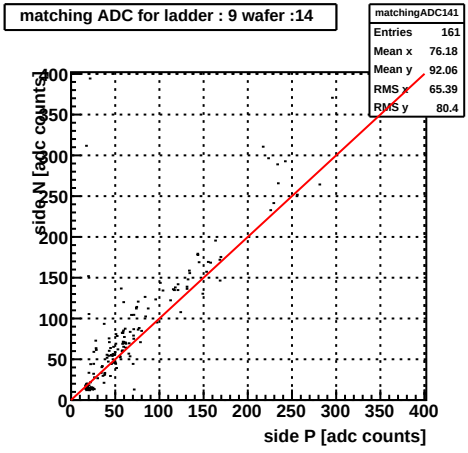

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 201
Mean x 82.42
Mean y 73.22
RMS x 59.9
RMS y 53.42
side N [adc counts]
side P [adc counts]

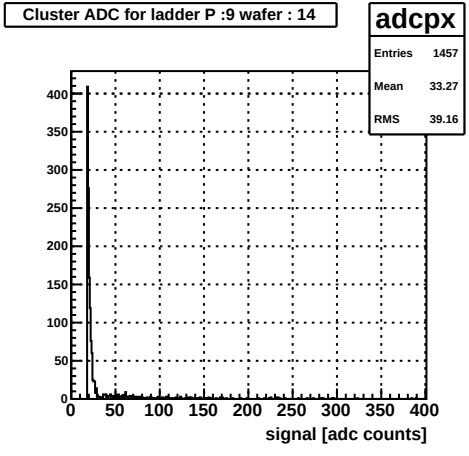

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 16262
Mean 26.57
RMS 17.82
signal [adc counts]

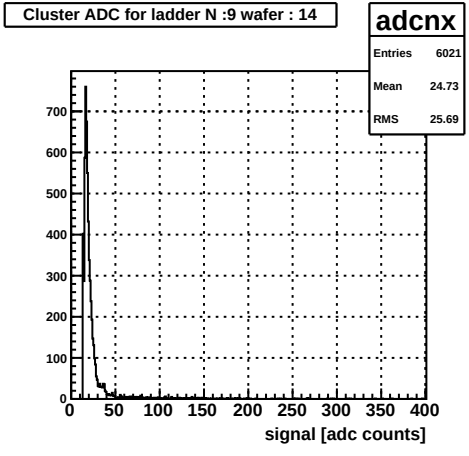

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 295
Mean 65.11
RMS 56.1
signal [adc counts]

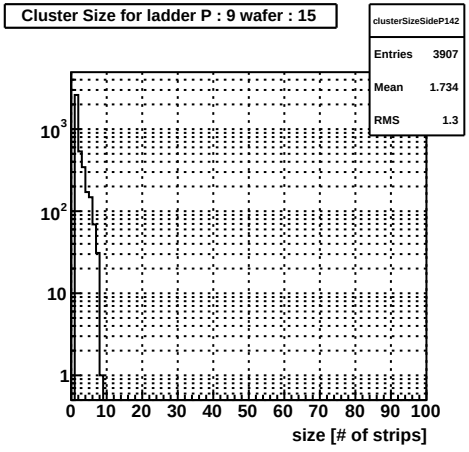

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 1457
Mean 1.106
RMS 0.3971
size [# of strips]

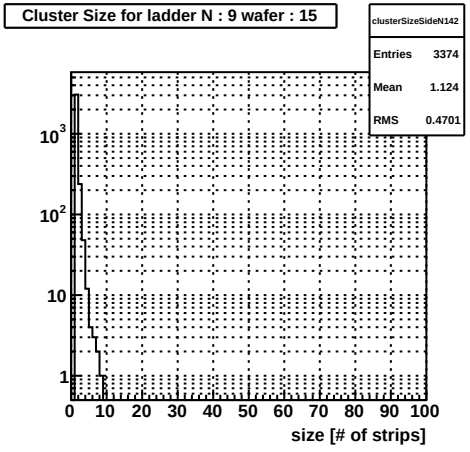

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 6021
Mean 1.084
RMS 0.353
size [# of strips]

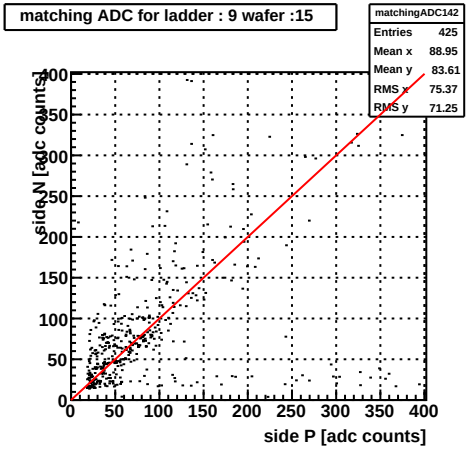

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 161
Mean x 76.18
Mean y 92.06
RMS x 65.39
RMS y 80.4
side N [adc counts]
side P [adc counts]

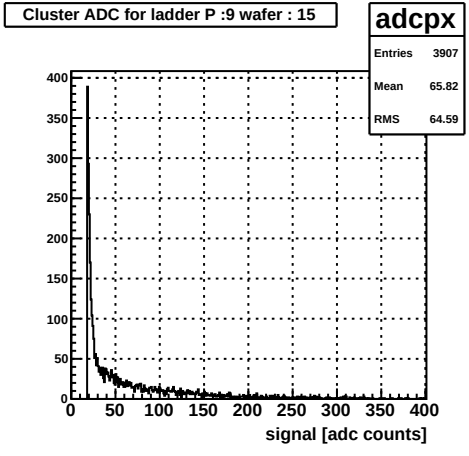

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 1457
Mean 33.27
RMS 39.16
signal [adc counts]

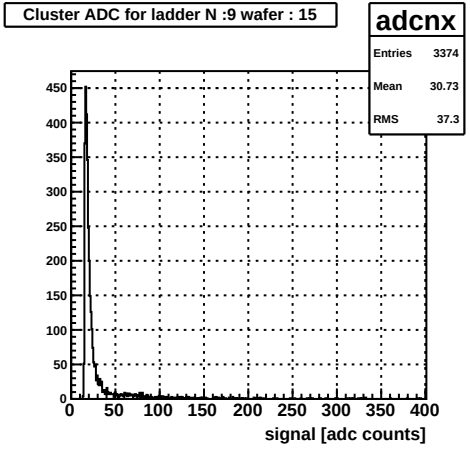

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 6021
Mean 24.73
RMS 25.69
signal [adc counts]

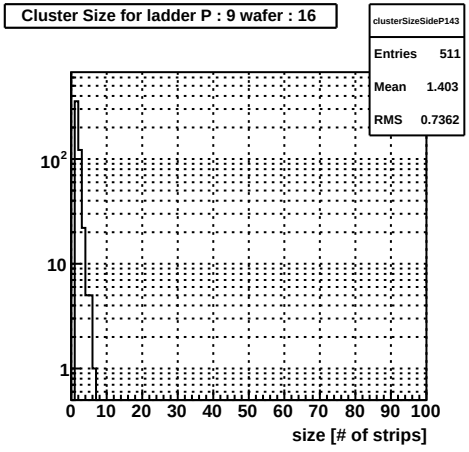

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 3907
Mean 1.734
RMS 1.3
size [# of strips]

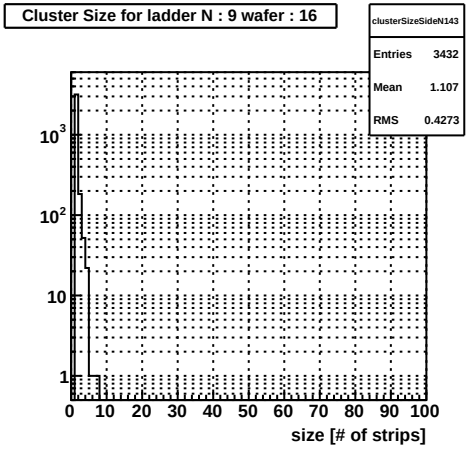

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 3374
Mean 1.124
RMS 0.4701
size [# of strips]

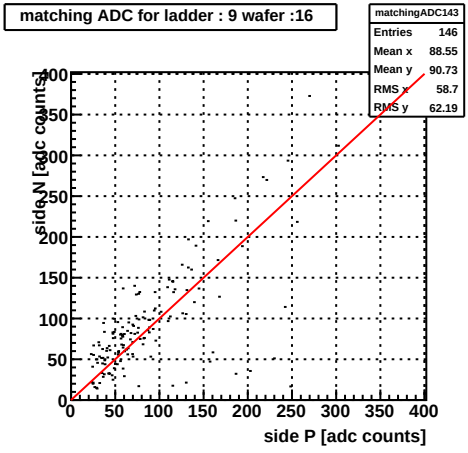

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 425
Mean x 88.95
Mean y 83.61
RMS x 75.37
RMS y 71.25
side N [adc counts]
side P [adc counts]

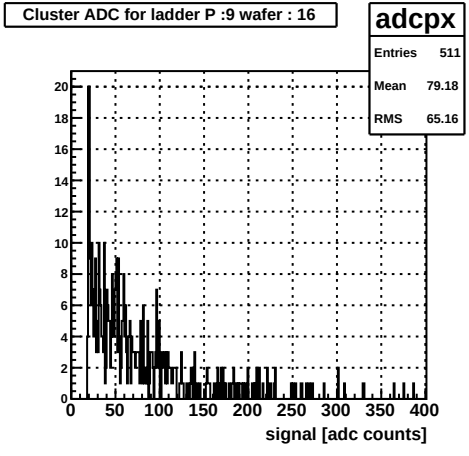

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 3907
Mean 65.82
RMS 64.59
signal [adc counts]

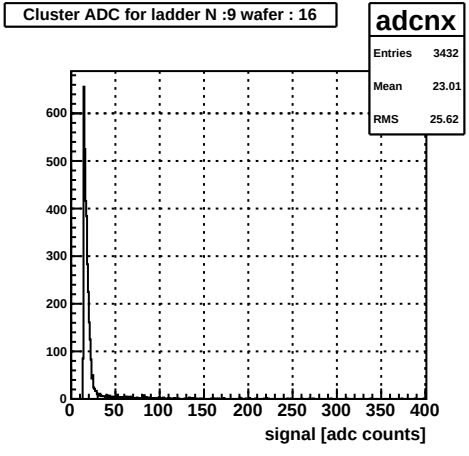

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 3374
Mean 30.73
RMS 37.3
signal [adc counts]

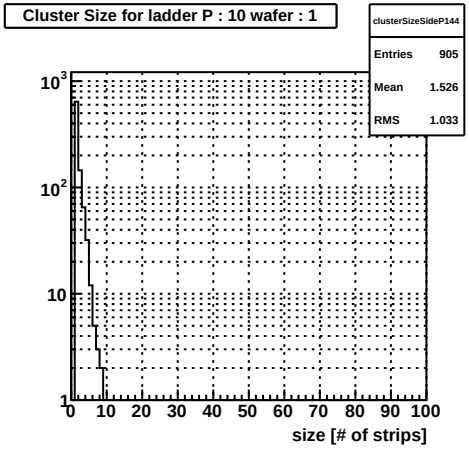

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 511
Mean 1.403
RMS 0.7362
size [# of strips]

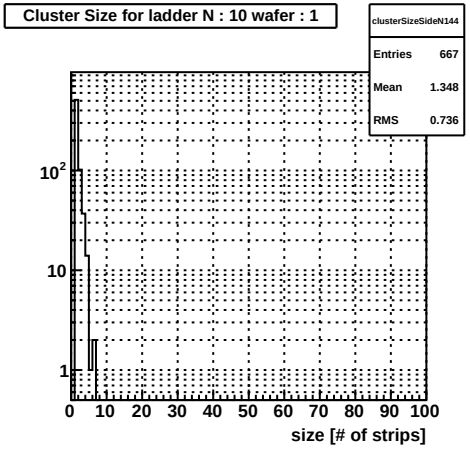

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 3432
Mean 1.107
RMS 0.4273
size [# of strips]

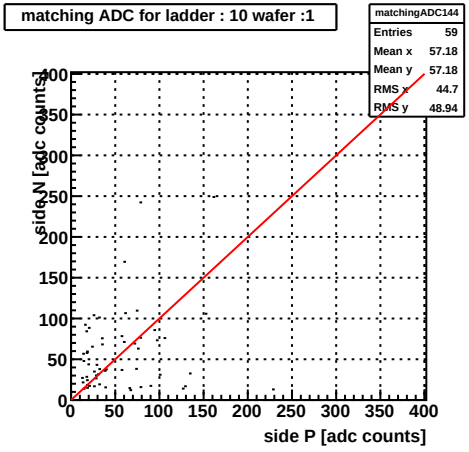

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 146
Mean x 88.55
Mean y 90.73
RMS x 58.7
RMS y 62.19
side N [adc counts]
side P [adc counts]

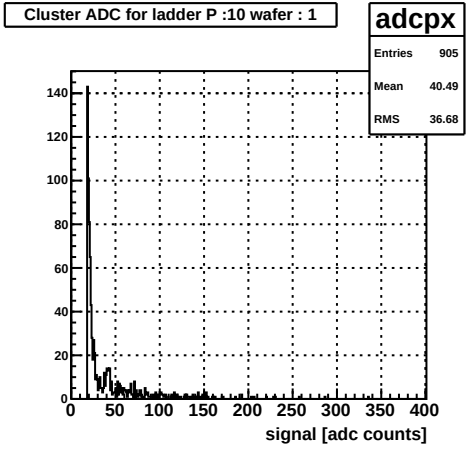

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 511
Mean 79.18
RMS 65.16
signal [adc counts]

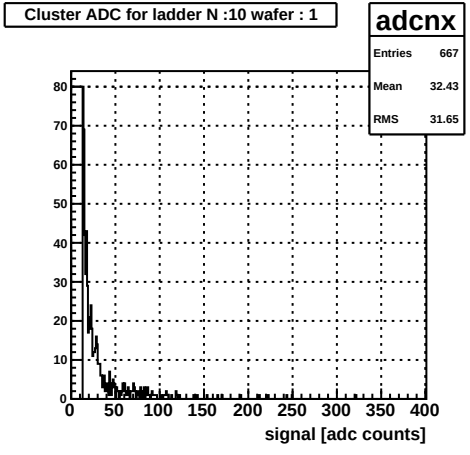

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 3432
Mean 23.01
RMS 25.62
signal [adc counts]

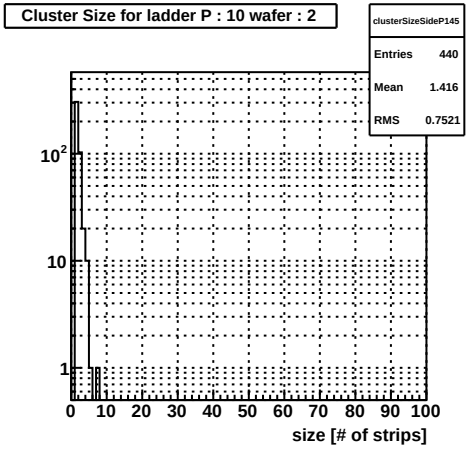

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 905
Mean 1.526
RMS 1.033
size [# of strips]

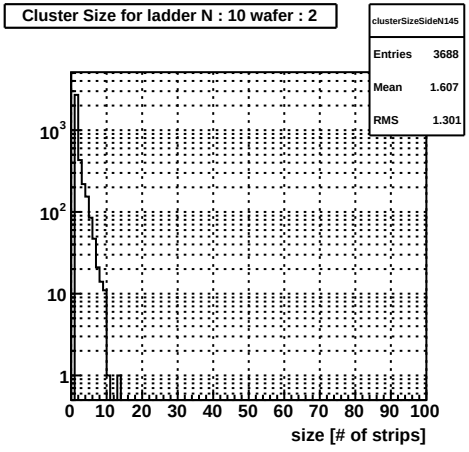

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 667
Mean 1.348
RMS 0.736
size [# of strips]

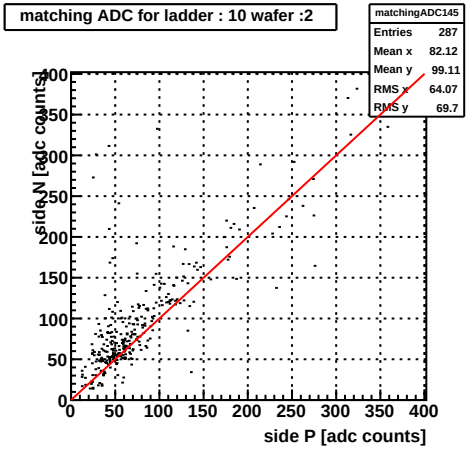

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 59
Mean x 57.18
Mean y 57.18
RMS x 44.7
RMS y 48.94
side N [adc counts]
side P [adc counts]

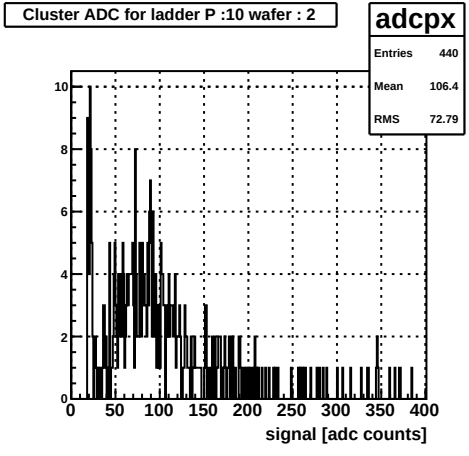

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 905
Mean 40.49
RMS 36.68
signal [adc counts]

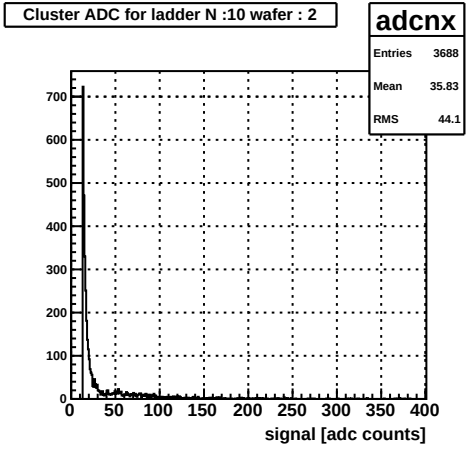

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 667
Mean 32.43
RMS 31.65
signal [adc counts]

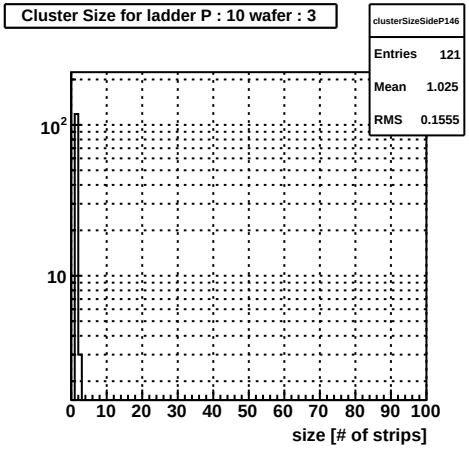

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 440
Mean 1.416
RMS 0.7521
size [# of strips]

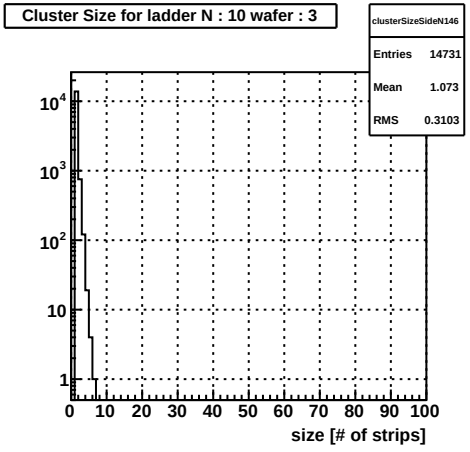

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 3688
Mean 1.607
RMS 1.301
size [# of strips]

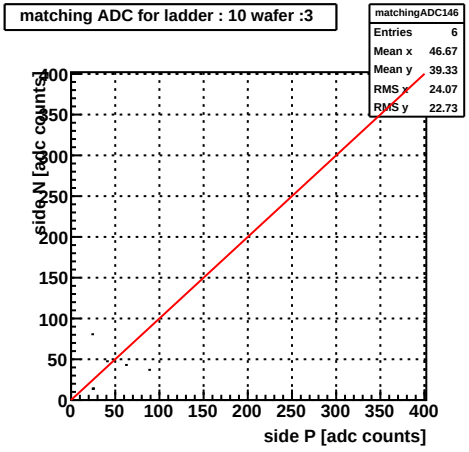

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 287
Mean x 82.12
Mean y 99.11
RMS x 64.07
RMS y 69.7
side N [adc counts]
side P [adc counts]

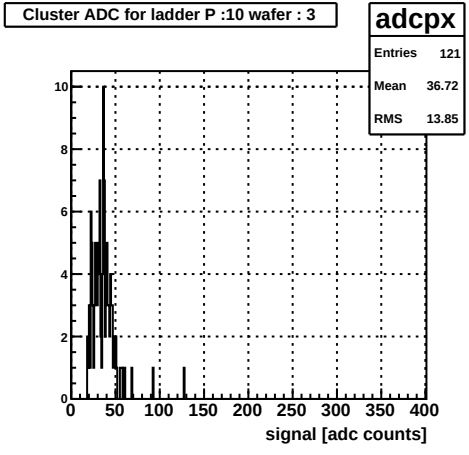

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 440
Mean 106.4
RMS 72.79
signal [adc counts]

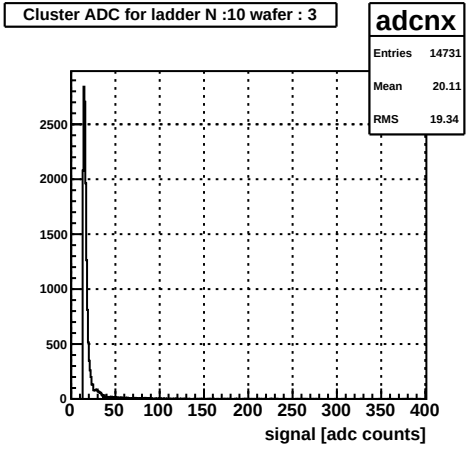

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 3688
Mean 35.83
RMS 44.1
signal [adc counts]

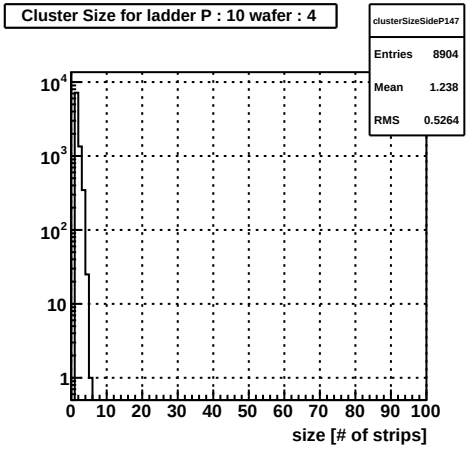

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 121
Mean 1.025
RMS 0.1555
size [# of strips]

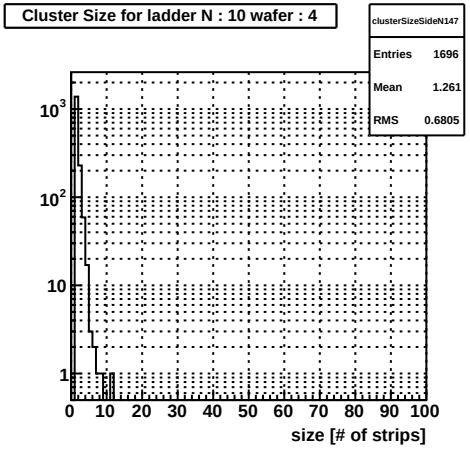

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 14731
Mean 1.073
RMS 0.3103
size [# of strips]

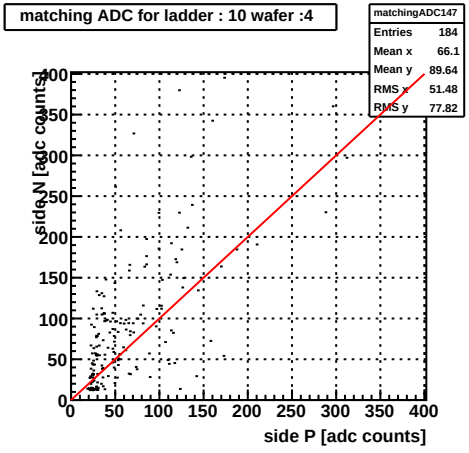

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 6
Mean x 46.67
Mean y 39.33
RMS x 24.07
RMS y 22.73
side N [adc counts]
side P [adc counts]

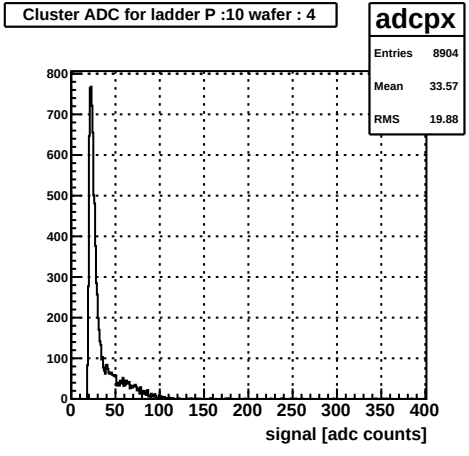

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 121
Mean 36.72
RMS 13.85
signal [adc counts]

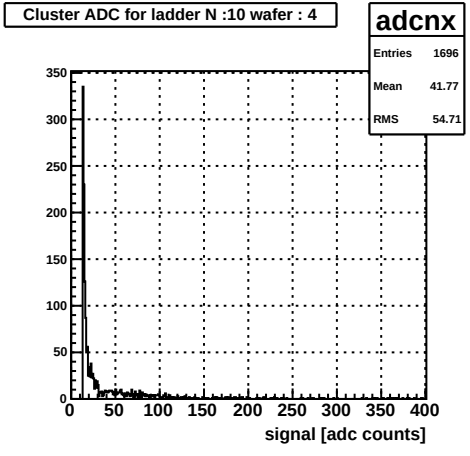

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 14731
Mean 20.11
RMS 19.34
signal [adc counts]

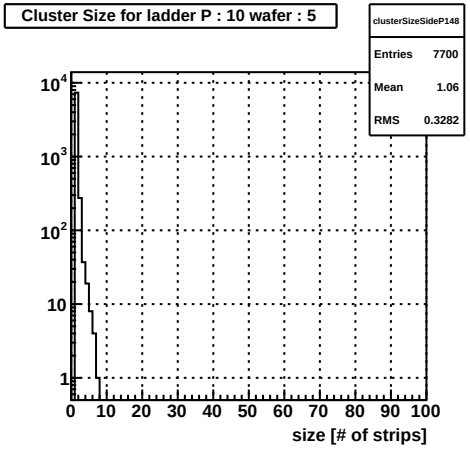

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 8904
Mean 1.238
RMS 0.5264
size [# of strips]

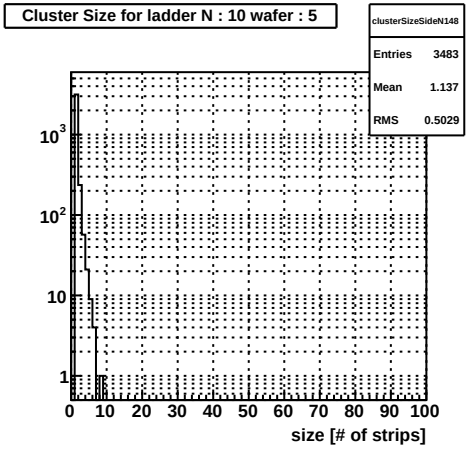

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 1696
Mean 1.261
RMS 0.6805
size [# of strips]

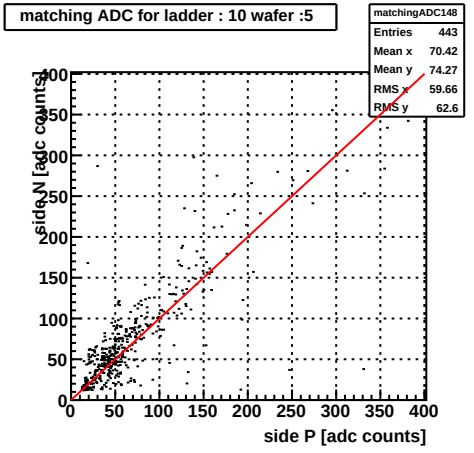

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 184
Mean x 66.1
Mean y 89.64
RMS x 51.48
RMS y 77.82
side N [adc counts]
side P [adc counts]

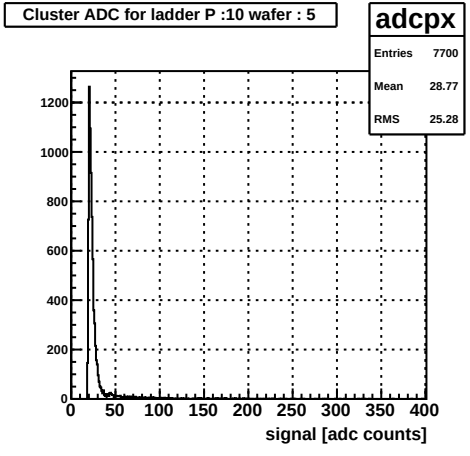

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 8904
Mean 33.57
RMS 19.88
signal [adc counts]

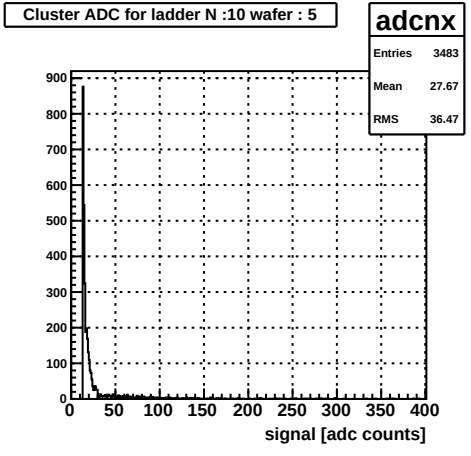

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 1696
Mean 41.77
RMS 54.71
signal [adc counts]

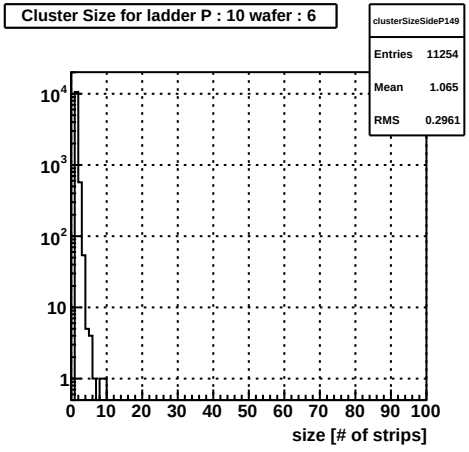

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 7700
Mean 1.06
RMS 0.3282
size [# of strips]

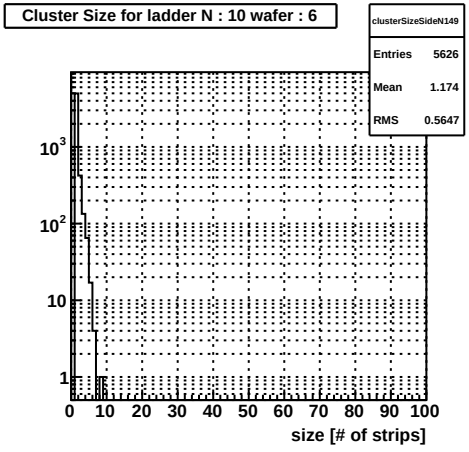

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 3483
Mean 1.137
RMS 0.5029
size [# of strips]

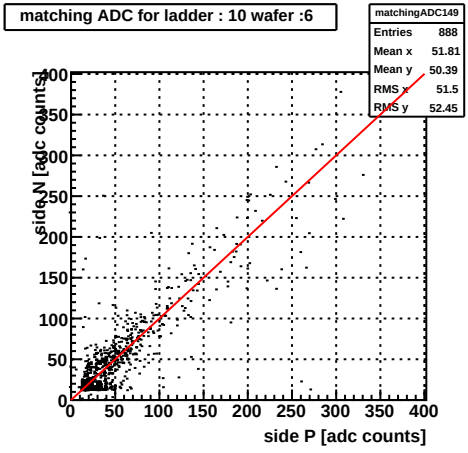

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 443
Mean x 70.42
Mean y 74.27
RMS x 59.66
RMS y 62.6
side N [adc counts]
side P [adc counts]

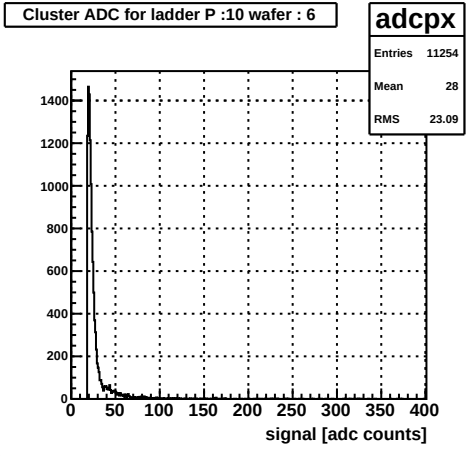

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 7700
Mean 28.77
RMS 25.28
signal [adc counts]

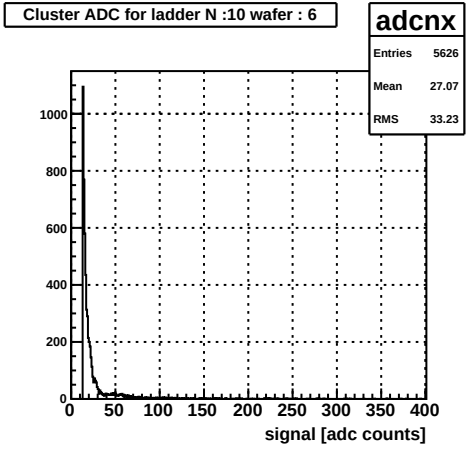

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 3483
Mean 27.67
RMS 36.47
signal [adc counts]

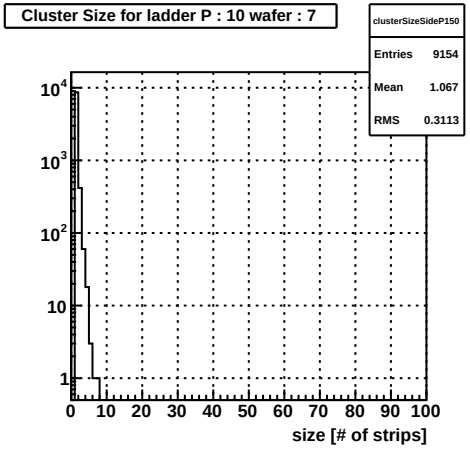

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 11254
Mean 1.065
RMS 0.2961
size [# of strips]

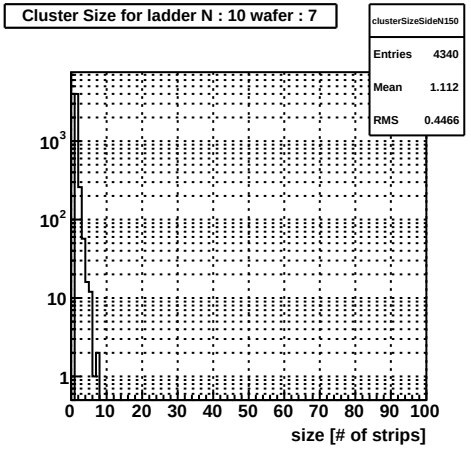

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 5626
Mean 1.174
RMS 0.5647
size [# of strips]

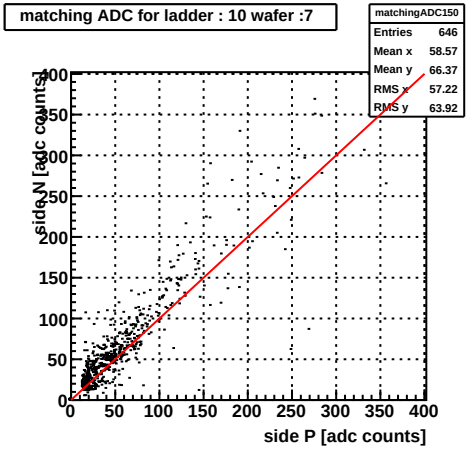

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 888
Mean x 51.81
Mean y 50.39
RMS x 51.5
RMS y 52.45
side N [adc counts]
side P [adc counts]

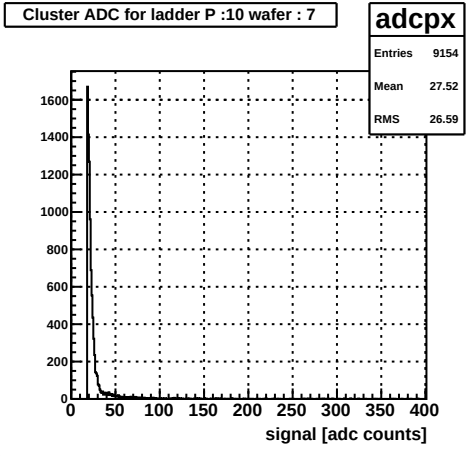

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 11254
Mean 28
RMS 23.09
signal [adc counts]

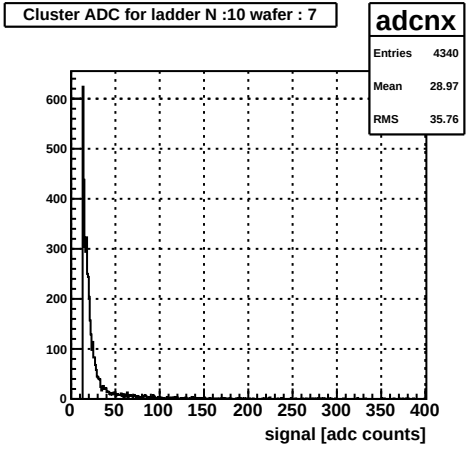

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 5626
Mean 27.07
RMS 33.23
signal [adc counts]

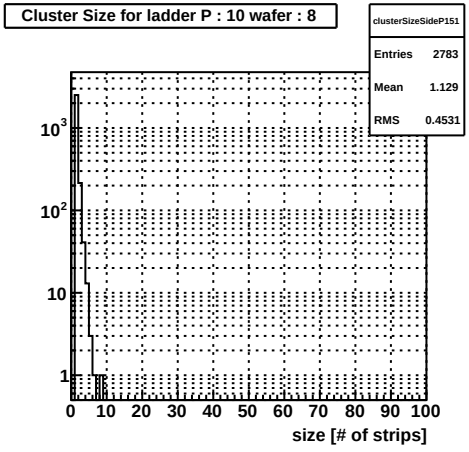

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 9154
Mean 1.067
RMS 0.3113
size [# of strips]

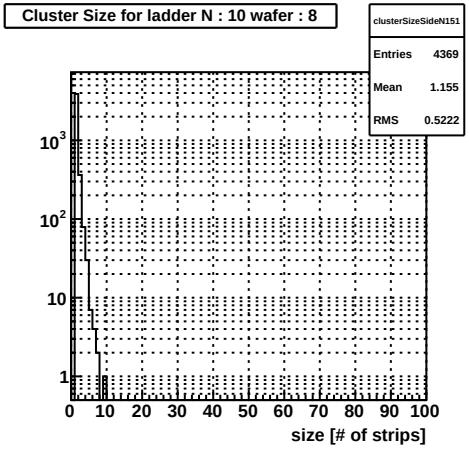

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 4340
Mean 1.112
RMS 0.4466
size [# of strips]

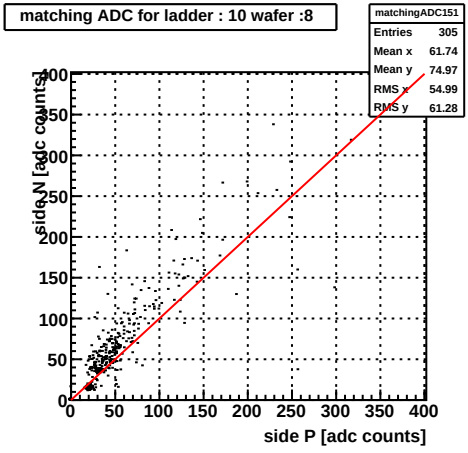

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 646
Mean x 58.57
Mean y 66.37
RMS x 57.22
RMS y 63.92
side N [adc counts]
side P [adc counts]

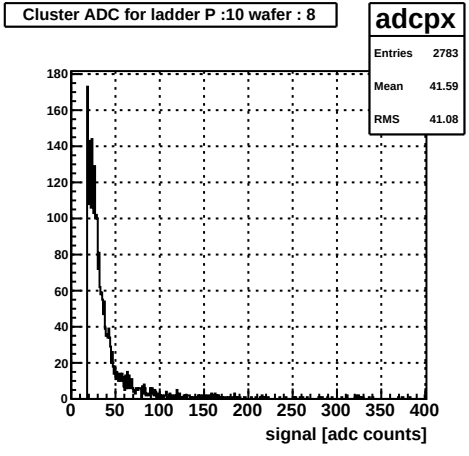

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 9154
Mean 27.52
RMS 26.59
signal [adc counts]

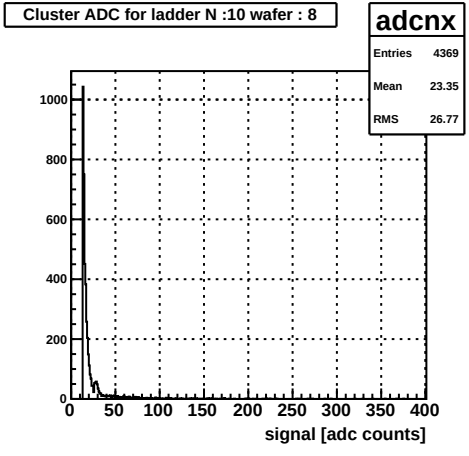

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 4340
Mean 28.97
RMS 35.76
signal [adc counts]

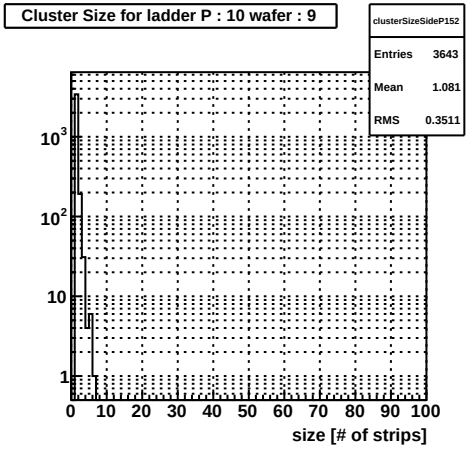

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 2783
Mean 1.129
RMS 0.4531
size [# of strips]

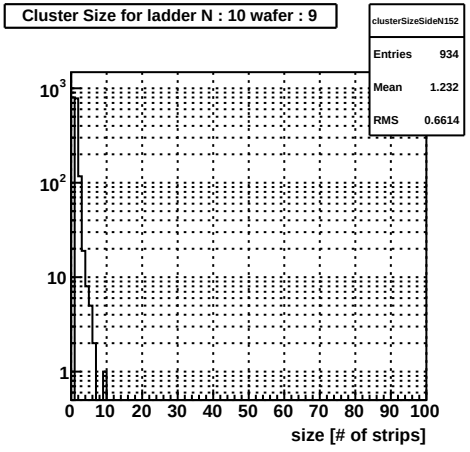

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 4369
Mean 1.155
RMS 0.5222
size [# of strips]

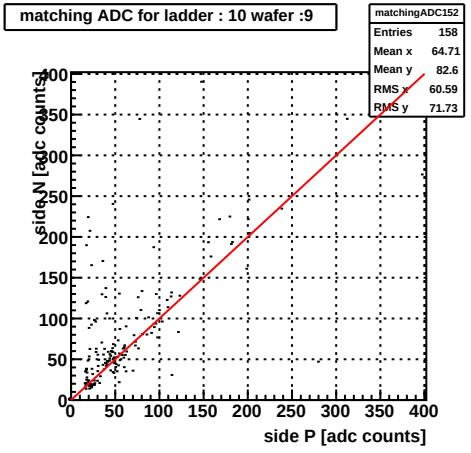

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 305
Mean x 61.74
Mean y 74.97
RMS x 54.99
RMS y 61.28
side N [adc counts]
side P [adc counts]

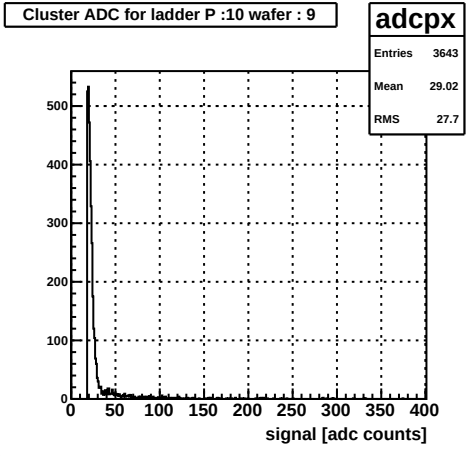

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 2783
Mean 41.59
RMS 41.08
signal [adc counts]

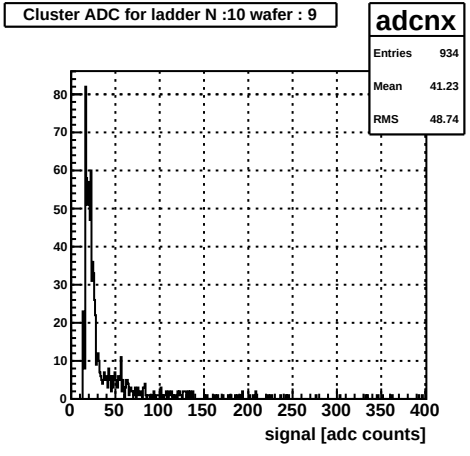

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 4369
Mean 23.35
RMS 26.77
signal [adc counts]

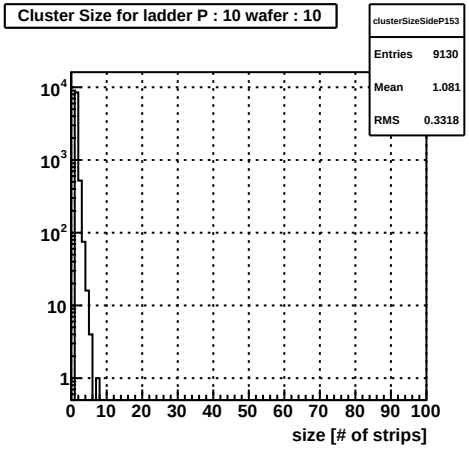

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 3643
Mean 1.081
RMS 0.3511
size [# of strips]

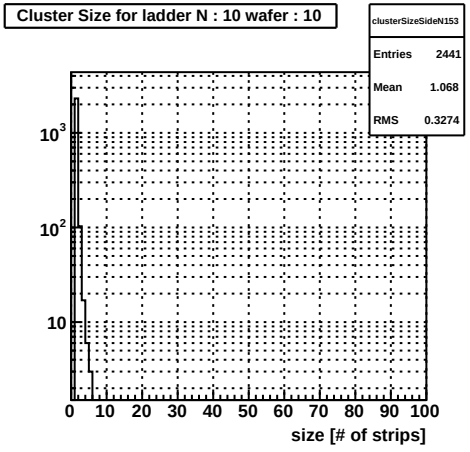

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 934
Mean 1.232
RMS 0.6614
size [# of strips]

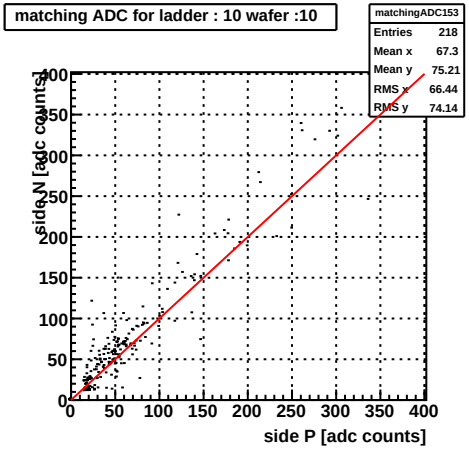

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 158
Mean x 64.71
Mean y 82.6
RMS x 60.59
RMS y 71.73
side N [adc counts]
side P [adc counts]

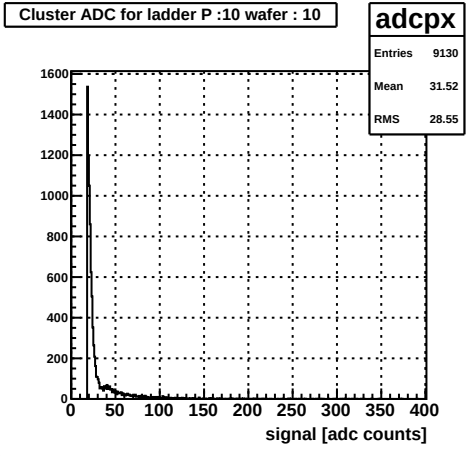

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 3643
Mean 29.02
RMS 27.7
signal [adc counts]

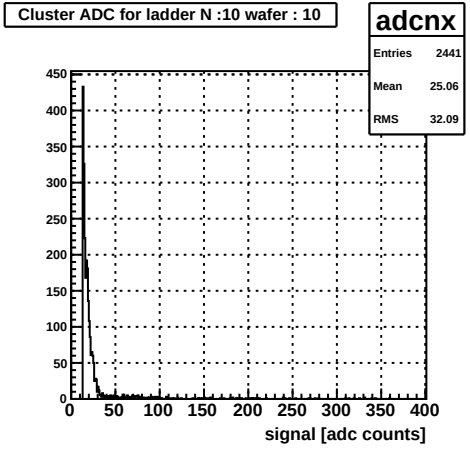

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 934
Mean 41.23
RMS 48.74
signal [adc counts]

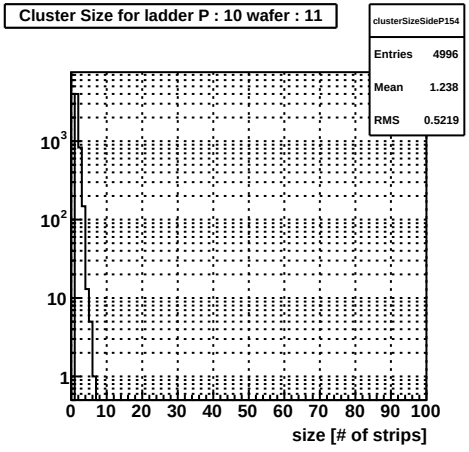

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 9130
Mean 1.081
RMS 0.3318
size [# of strips]

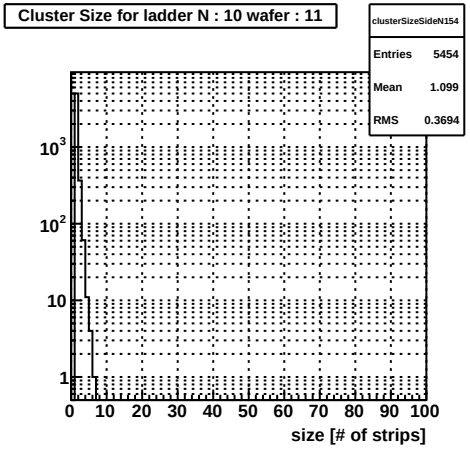

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 2441
Mean 1.068
RMS 0.3274
size [# of strips]

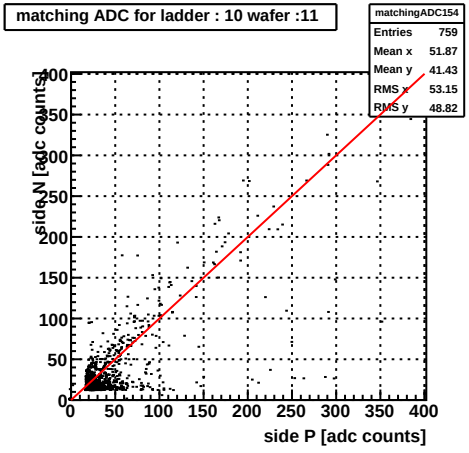

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 218
Mean x 67.3
Mean y 75.21
RMS x 66.44
RMS y 74.14
side N [adc counts]
side P [adc counts]

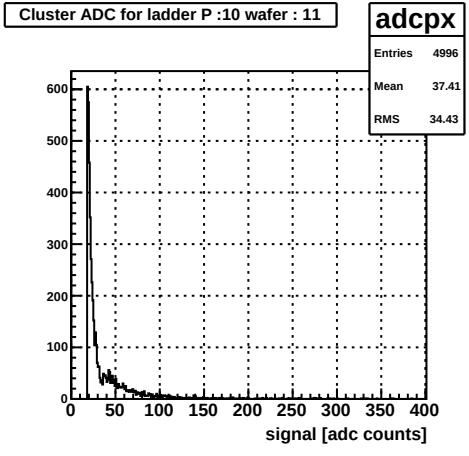

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 9130
Mean 31.52
RMS 28.55
signal [adc counts]

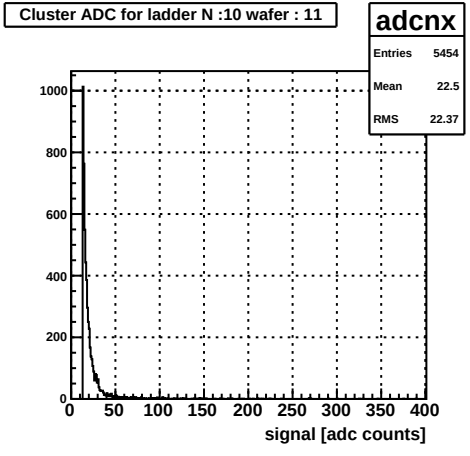

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 2441
Mean 25.06
RMS 32.09
signal [adc counts]

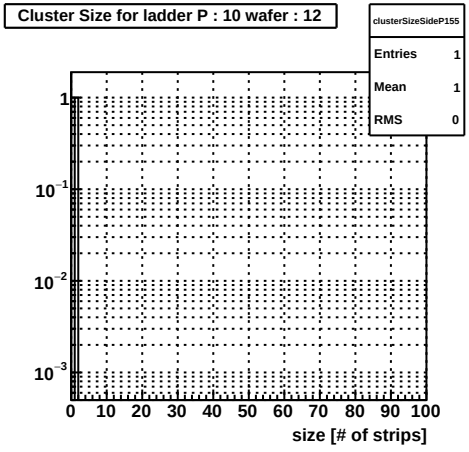

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 4996
Mean 1.238
RMS 0.5219
size [# of strips]

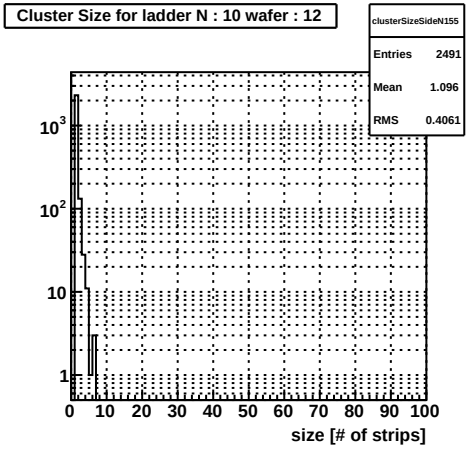

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 5454
Mean 1.099
RMS 0.3694
size [# of strips]

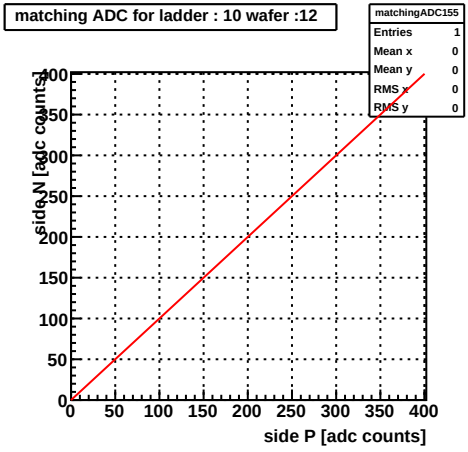

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 759
Mean x 51.87
Mean y 41.43
RMS x 53.15
RMS y 48.82
side N [adc counts]
side P [adc counts]

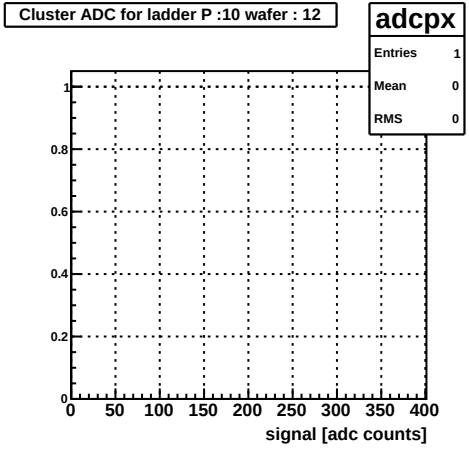

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 4996
Mean 37.41
RMS 34.43
signal [adc counts]

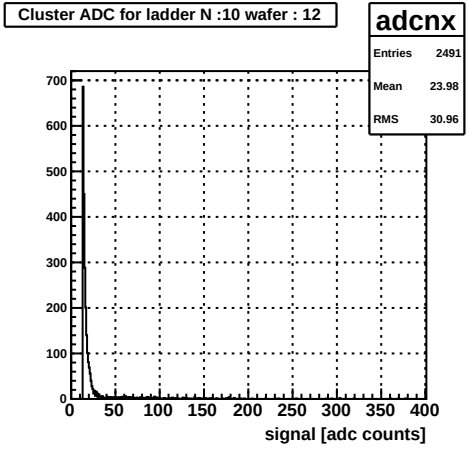

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 5454
Mean 22.5
RMS 22.37
signal [adc counts]

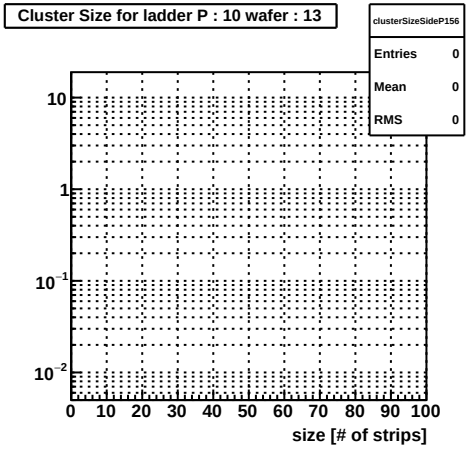

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 1
Mean 1
RMS 0
size [# of strips]

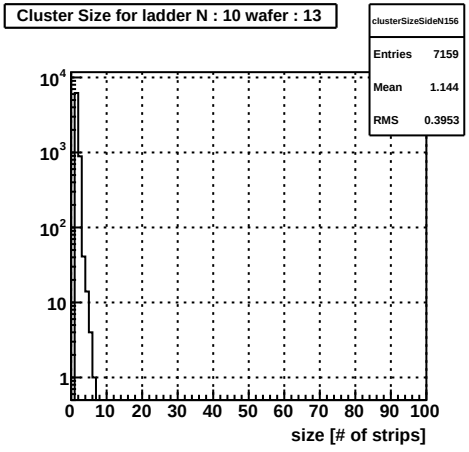

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 2491
Mean 1.096
RMS 0.4061
size [# of strips]

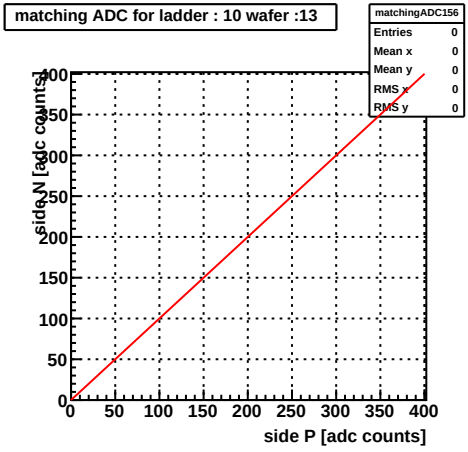

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

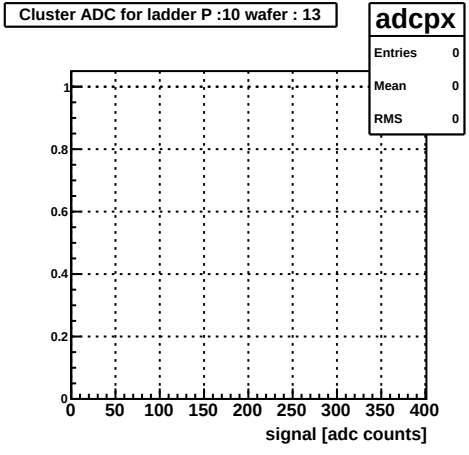

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

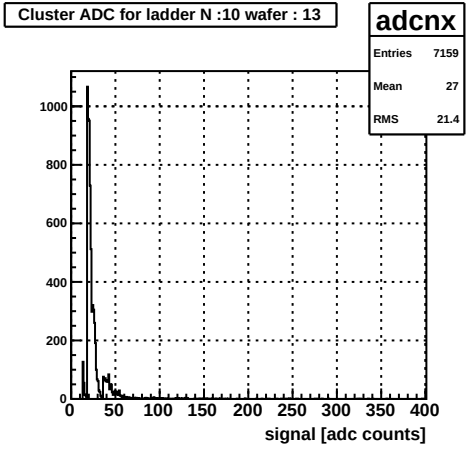

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 2491
Mean 23.98
RMS 30.96
signal [adc counts]

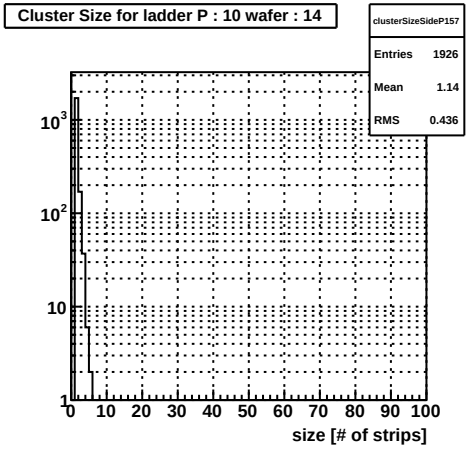

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

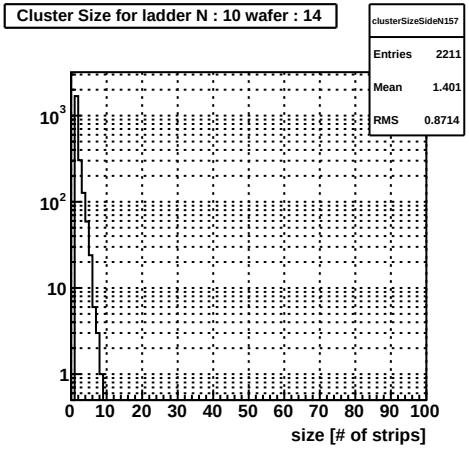

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 7159
Mean 1.144
RMS 0.3953
size [# of strips]

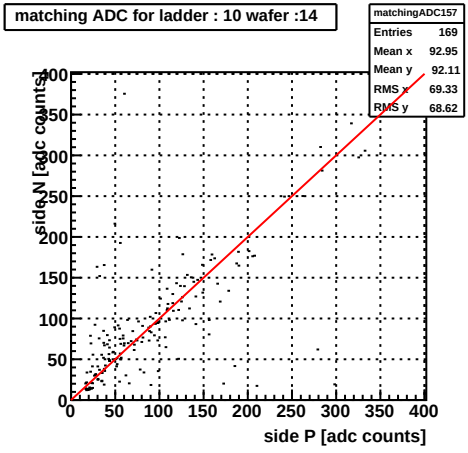

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

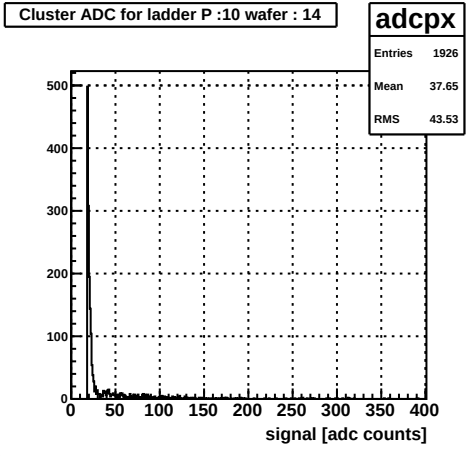

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

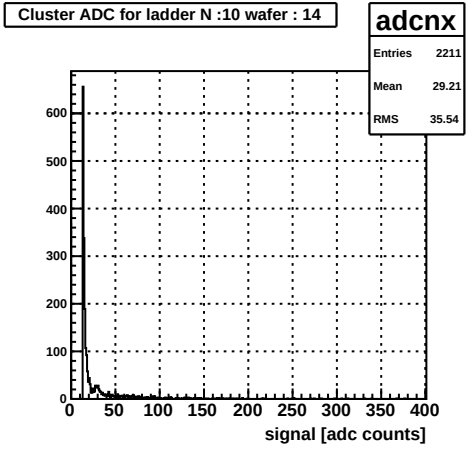

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 7159
Mean 27
RMS 21.4
signal [adc counts]

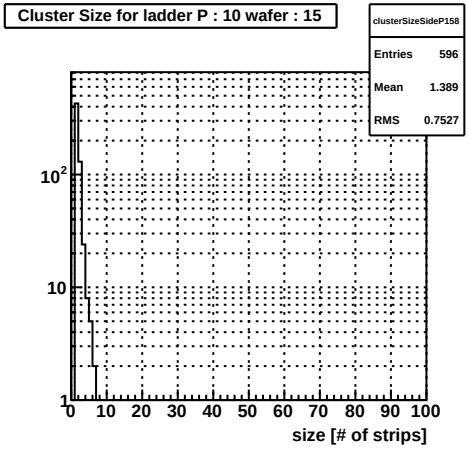

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 1926
Mean 1.14
RMS 0.436
size [# of strips]

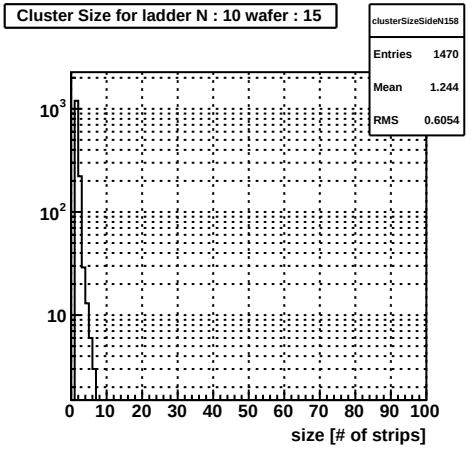

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2211
Mean 1.401
RMS 0.8714
size [# of strips]

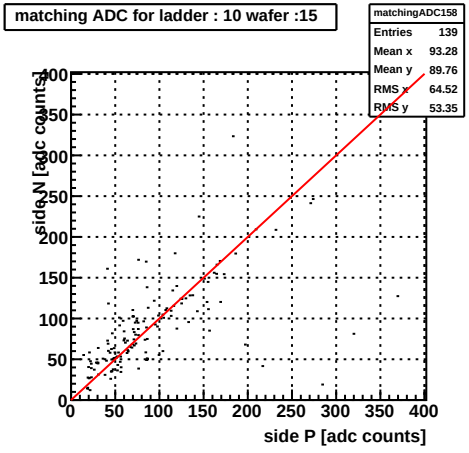

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 169
Mean x 92.95
Mean y 92.11
RMS x 69.33
RMS y 68.62
side N [adc counts]
side P [adc counts]

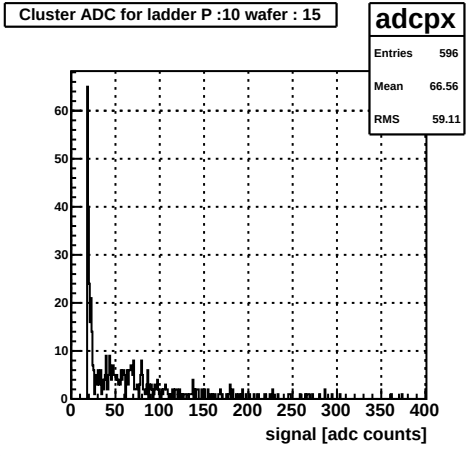

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 1926
Mean 37.65
RMS 43.53
signal [adc counts]

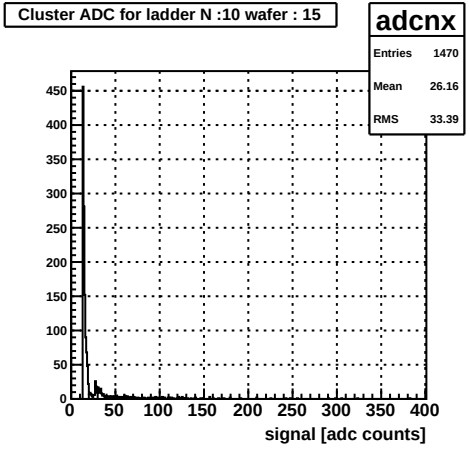

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2211
Mean 29.21
RMS 35.54
signal [adc counts]

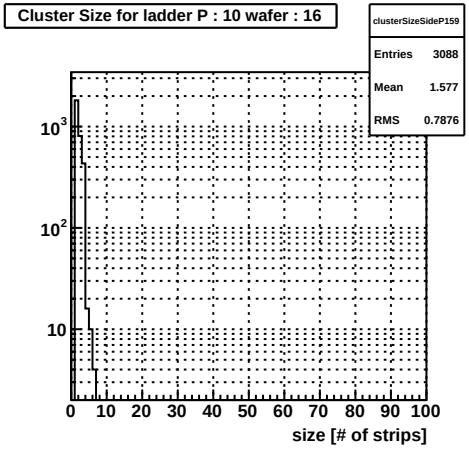

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 596
Mean 1.389
RMS 0.7527
size [# of strips]

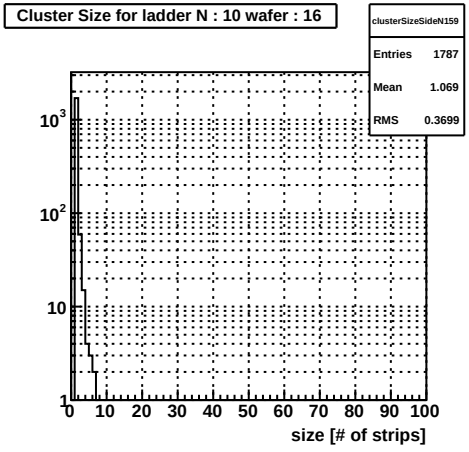

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 1470
Mean 1.244
RMS 0.6054
size [# of strips]

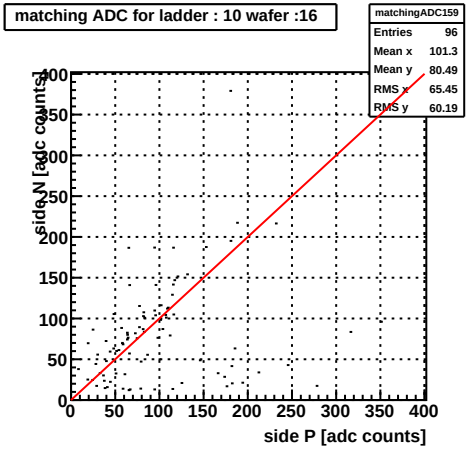

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 139
Mean x 93.28
Mean y 89.76
RMS x 64.52
RMS y 53.35
side N [adc counts]
side P [adc counts]

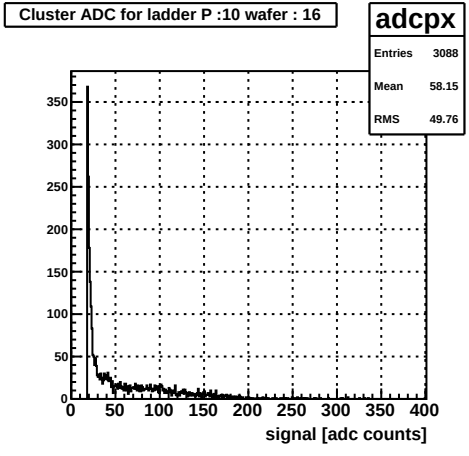

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 596
Mean 66.56
RMS 59.11
signal [adc counts]

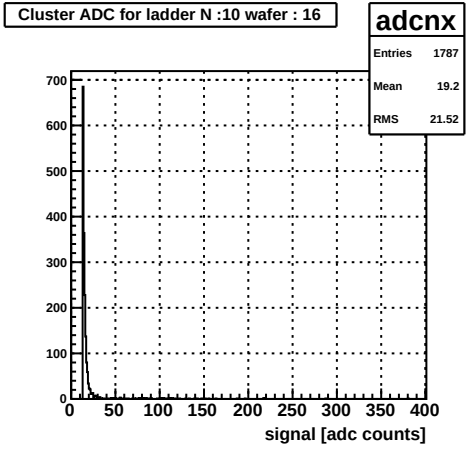

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 1470
Mean 26.16
RMS 33.39
signal [adc counts]

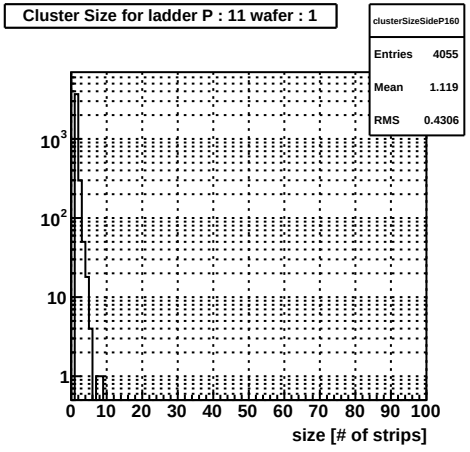

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 3088
Mean 1.577
RMS 0.7876
size [# of strips]

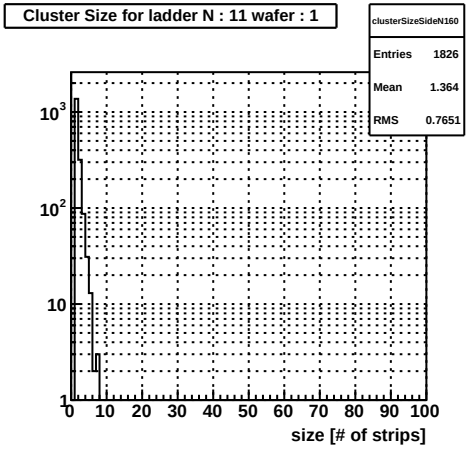

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 1787
Mean 1.069
RMS 0.3699
size [# of strips]

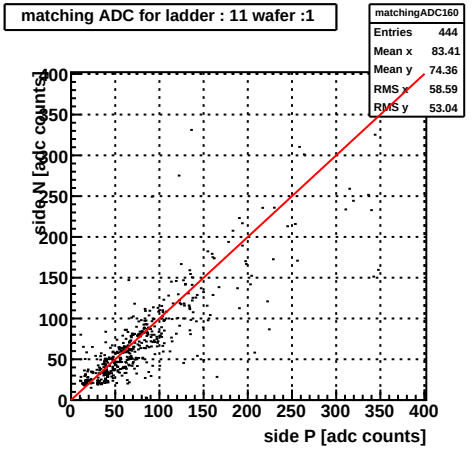

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 96
Mean x 101.3
Mean y 80.49
RMS x 65.45
RMS y 60.19
side N [adc counts]
side P [adc counts]

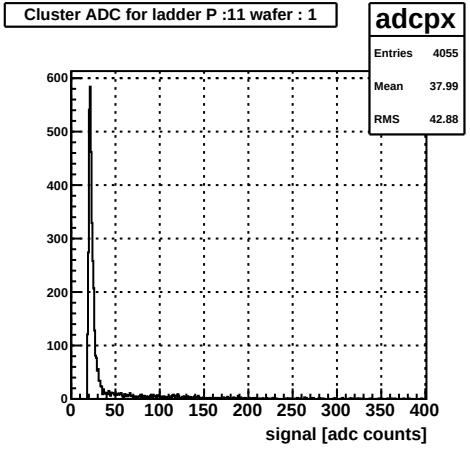

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 3088
Mean 58.15
RMS 49.76
signal [adc counts]

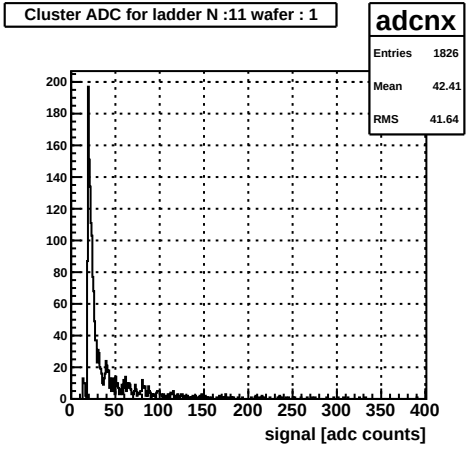

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 1787
Mean 19.2
RMS 21.52
signal [adc counts]

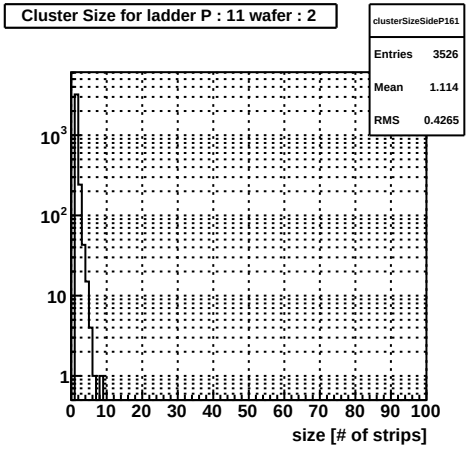

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 4055
Mean 1.119
RMS 0.4306
size [# of strips]

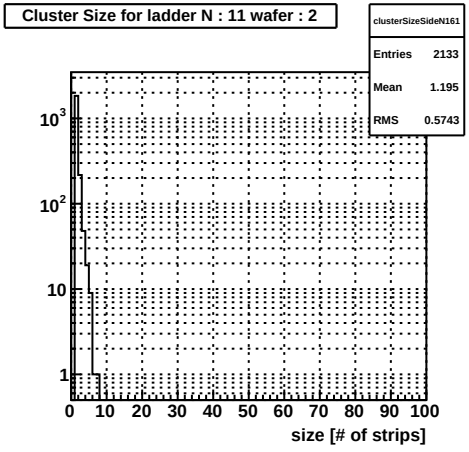

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1826
Mean 1.364
RMS 0.7651
size [# of strips]

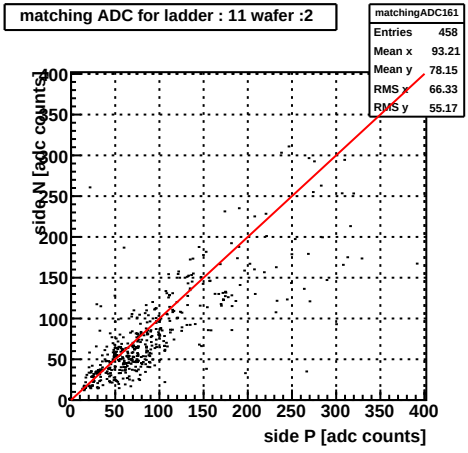

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 444
Mean x 83.41
Mean y 74.36
RMS x 58.59
RMS y 53.04
side N [adc counts]
side P [adc counts]

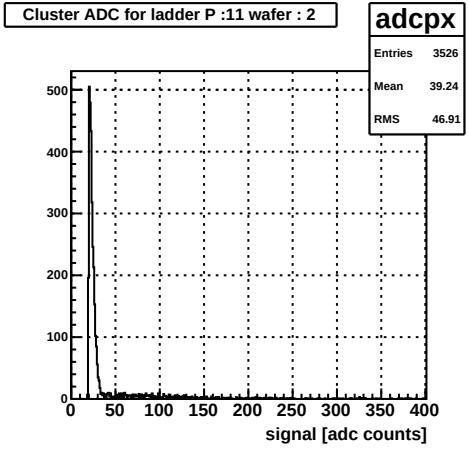

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 4055
Mean 37.99
RMS 42.88
signal [adc counts]

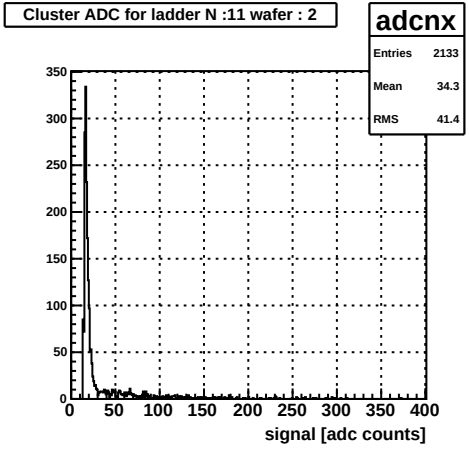

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1826
Mean 42.41
RMS 41.64
signal [adc counts]

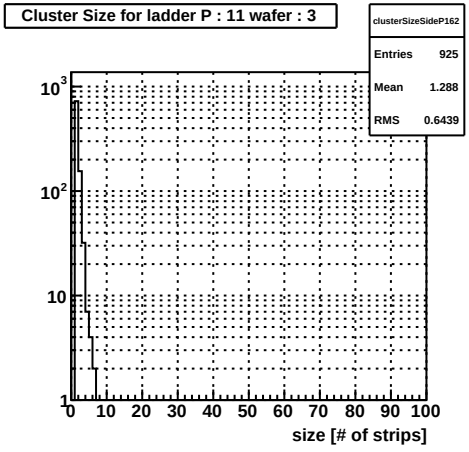

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 3526
Mean 1.114
RMS 0.4265
size [# of strips]

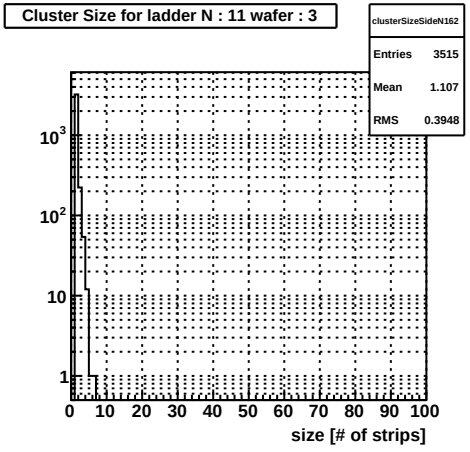

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 2133
Mean 1.195
RMS 0.5743
size [# of strips]

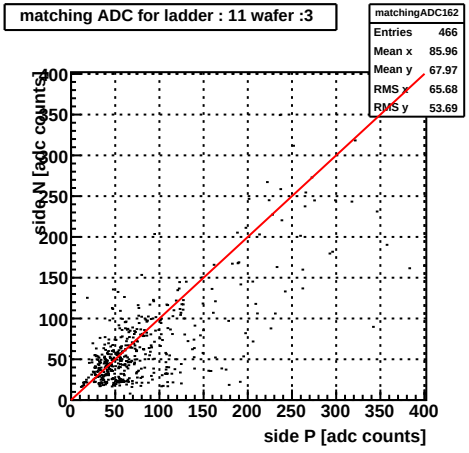

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 458
Mean x 93.21
Mean y 78.15
RMS x 66.33
RMS y 55.17
side N [adc counts]
side P [adc counts]

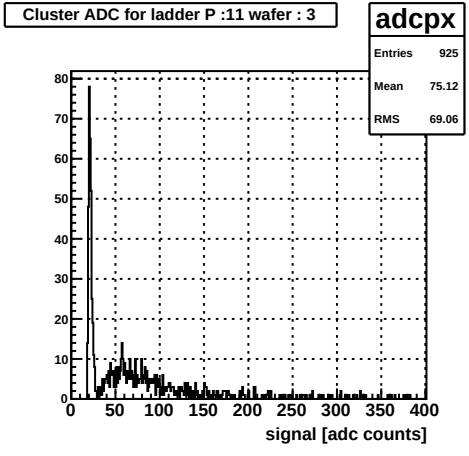

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 3526
Mean 39.24
RMS 46.91
signal [adc counts]

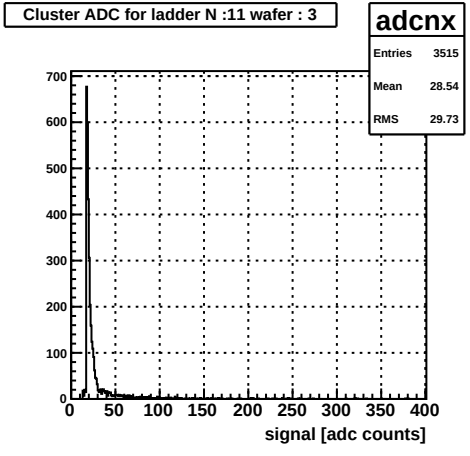

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 2133
Mean 34.3
RMS 41.4
signal [adc counts]

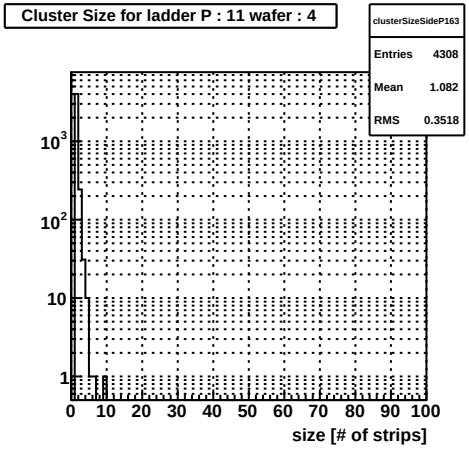

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 925
Mean 1.288
RMS 0.6439
size [# of strips]

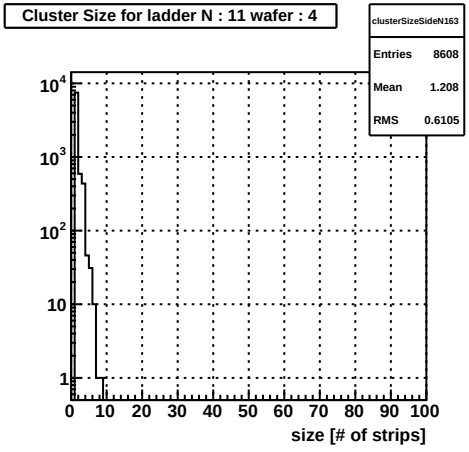

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 3515
Mean 1.107
RMS 0.3948
size [# of strips]

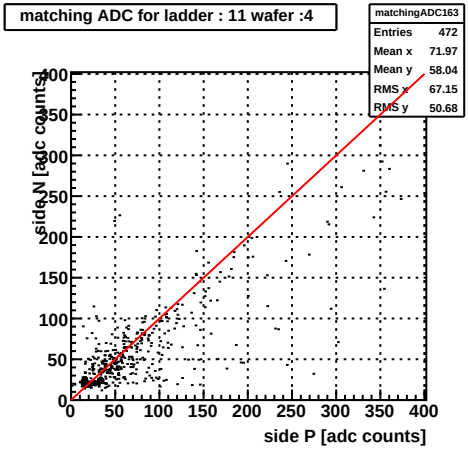

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 466
Mean x 85.96
Mean y 67.97
RMS x 65.68
RMS y 53.69
side N [adc counts]
side P [adc counts]

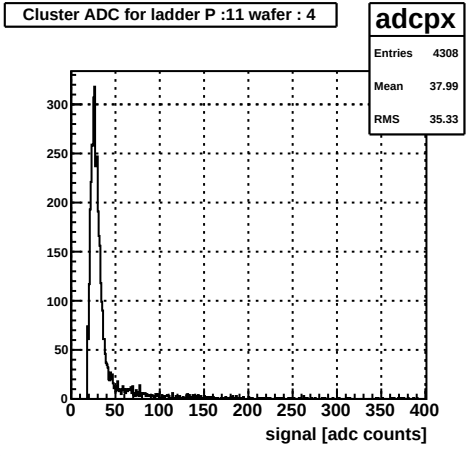

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 925
Mean 75.12
RMS 69.06
signal [adc counts]

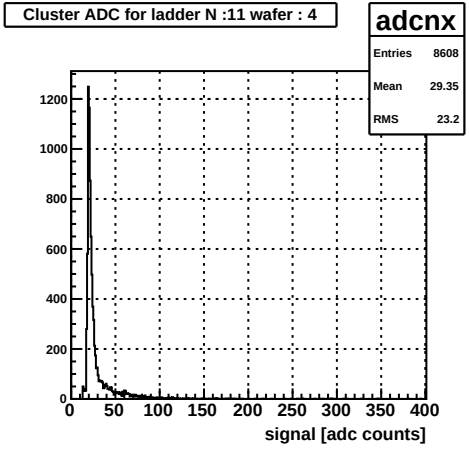

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 3515
Mean 28.54
RMS 29.73
signal [adc counts]

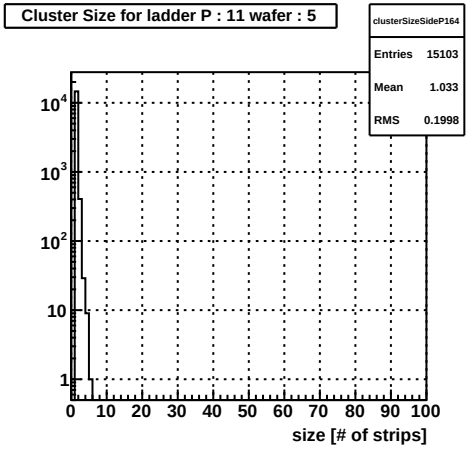

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 4308
Mean 1.082
RMS 0.3518
size [# of strips]

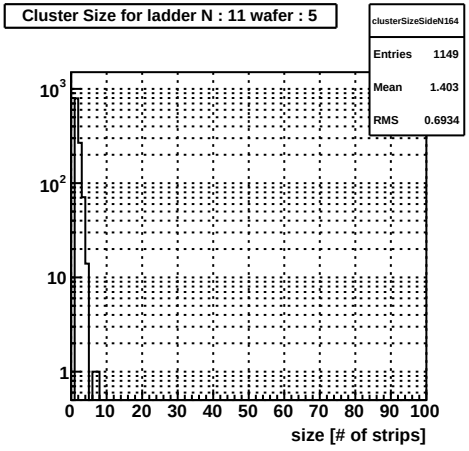

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 8608
Mean 1.208
RMS 0.6105
size [# of strips]

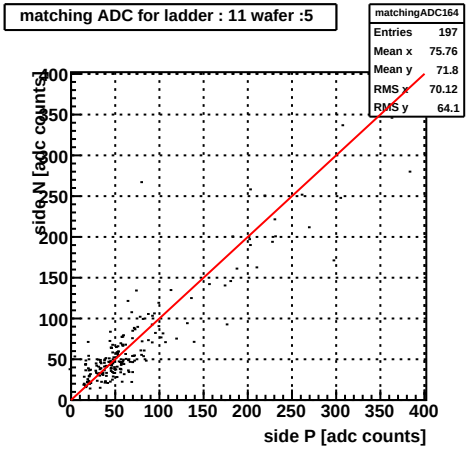

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 472
Mean x 71.97
Mean y 58.04
RMS x 67.15
RMS y 50.68
side N [adc counts]
side P [adc counts]

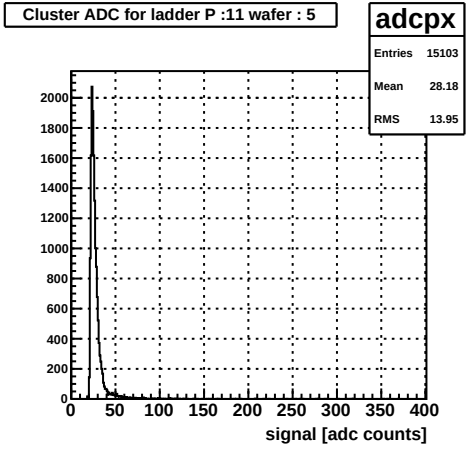

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 4308
Mean 37.99
RMS 35.33
signal [adc counts]

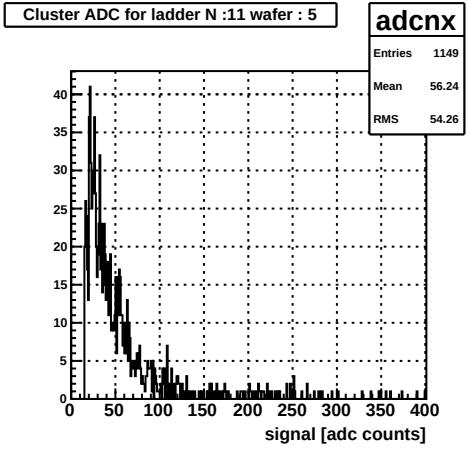

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 8608
Mean 29.35
RMS 23.2
signal [adc counts]

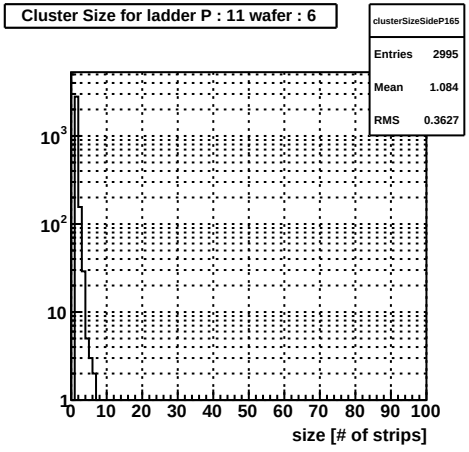

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 15103
Mean 1.033
RMS 0.1998
size [# of strips]

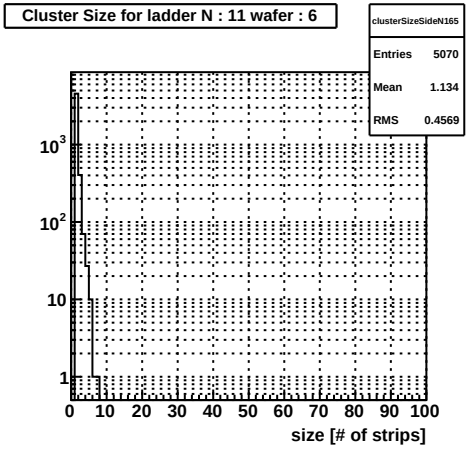

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1149
Mean 1.403
RMS 0.6934
size [# of strips]

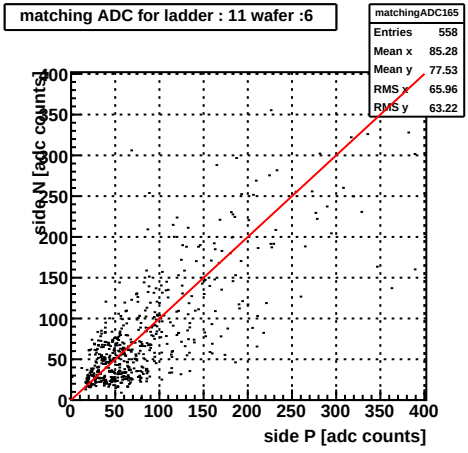

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 197
Mean x 75.76
Mean y 71.8
RMS x 70.12
RMS y 64.1
side N [adc counts]
side P [adc counts]

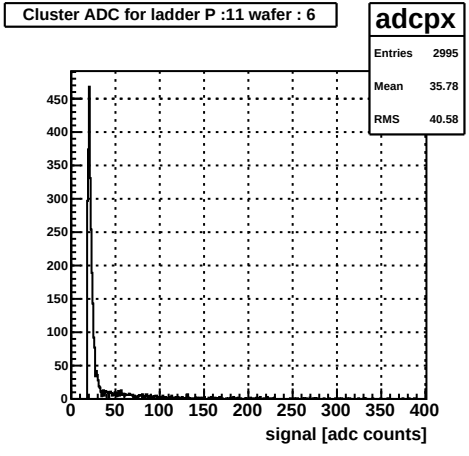

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 15103
Mean 28.18
RMS 13.95
signal [adc counts]

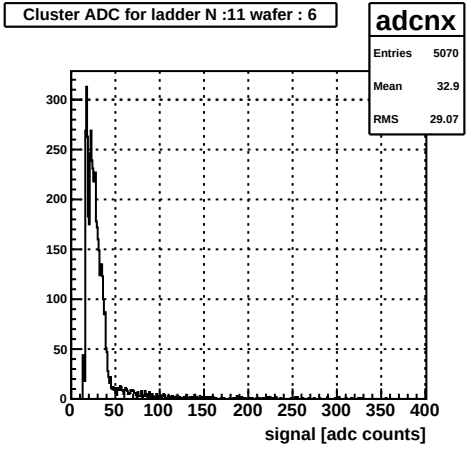

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1149
Mean 56.24
RMS 54.26
signal [adc counts]

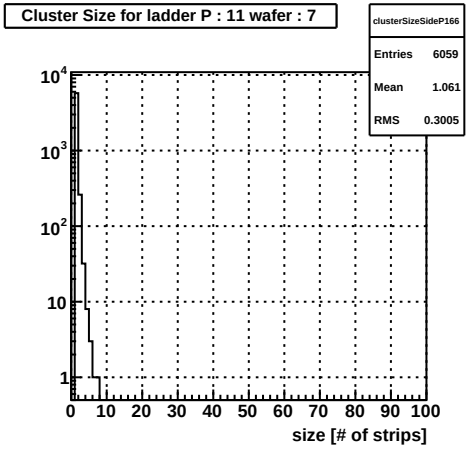

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 2995
Mean 1.084
RMS 0.3627
size [# of strips]

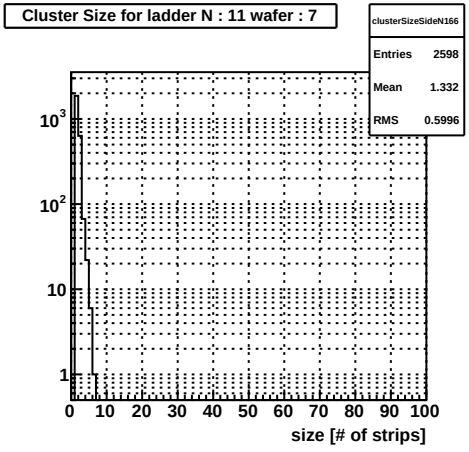

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 5070
Mean 1.134
RMS 0.4569
size [# of strips]

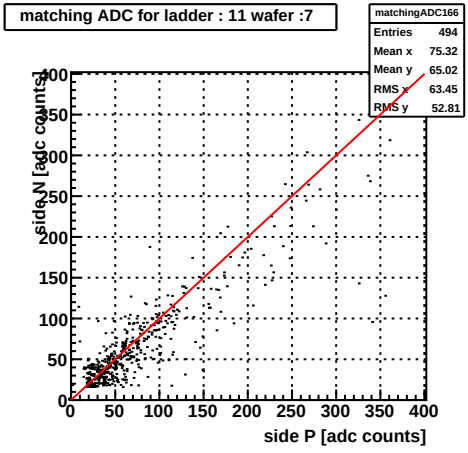

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 558
Mean x 85.28
Mean y 77.53
RMS x 65.96
RMS y 63.22
side N [adc counts]
side P [adc counts]

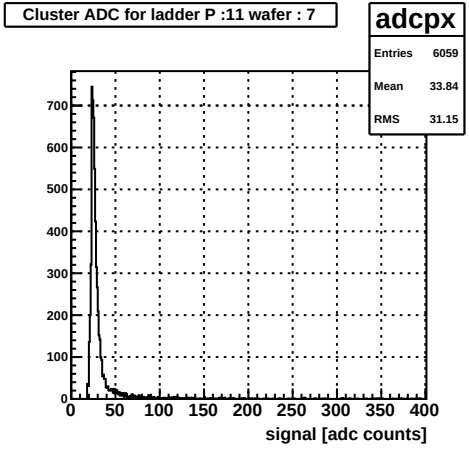

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 2995
Mean 35.78
RMS 40.58
signal [adc counts]

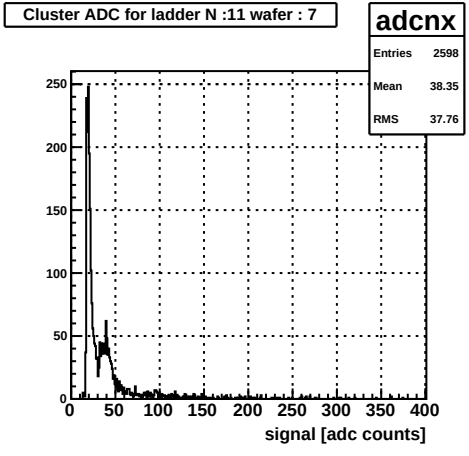

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 5070
Mean 32.9
RMS 29.07
signal [adc counts]

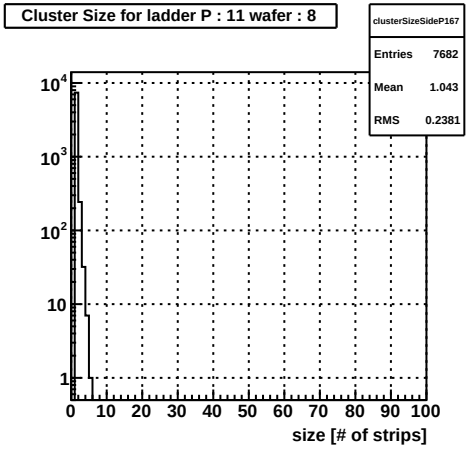

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 6059
Mean 1.061
RMS 0.3005
size [# of strips]

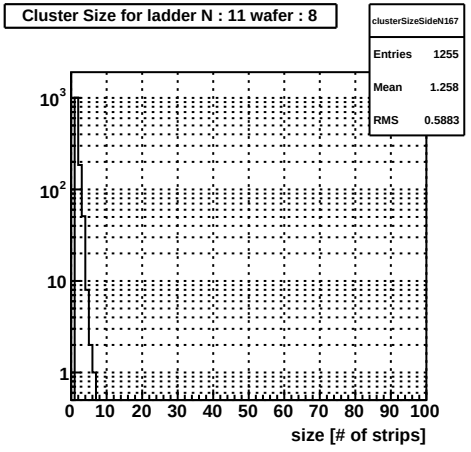

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 2598
Mean 1.332
RMS 0.5996
size [# of strips]

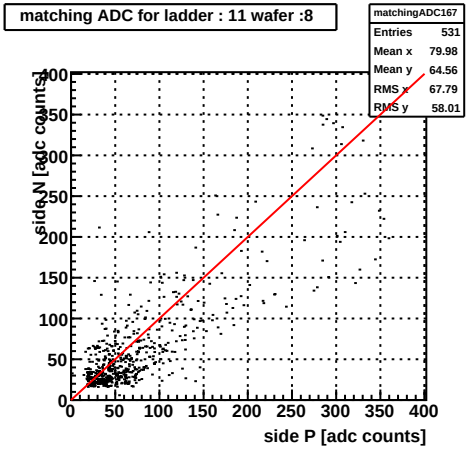

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 494
Mean x 75.32
Mean y 65.02
RMS x 63.45
RMS y 52.81
side N [adc counts]
side P [adc counts]

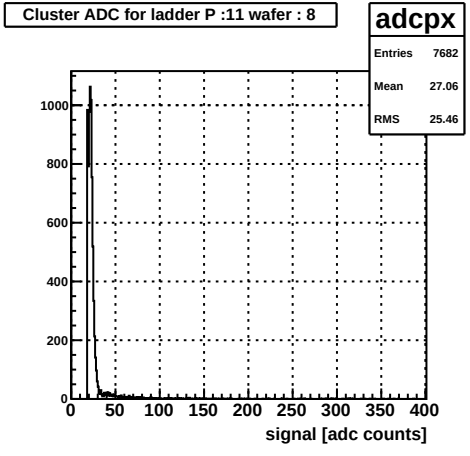

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 6059
Mean 33.84
RMS 31.15
signal [adc counts]

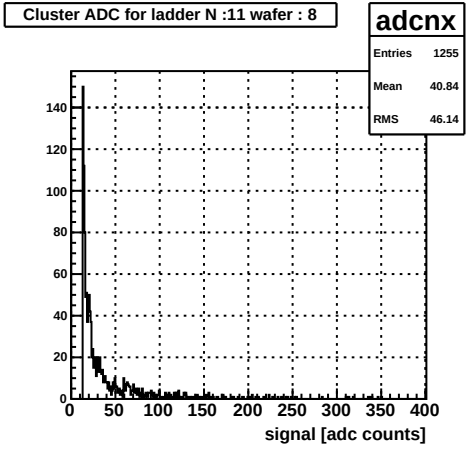

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 2598
Mean 38.35
RMS 37.76
signal [adc counts]

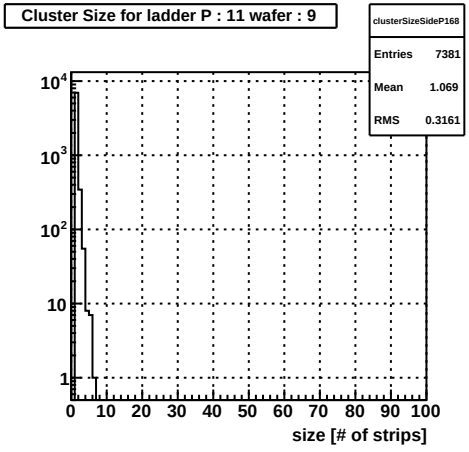

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 7682
Mean 1.043
RMS 0.2381
size [# of strips]

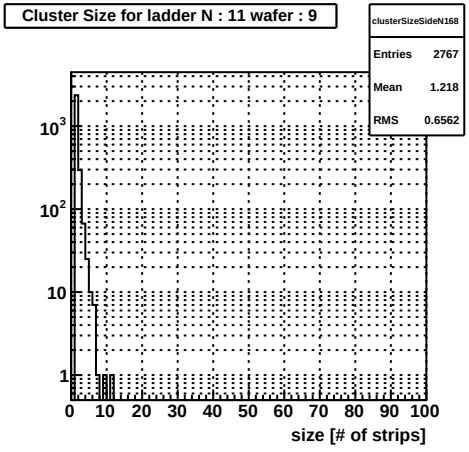

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 1255
Mean 1.258
RMS 0.5883
size [# of strips]

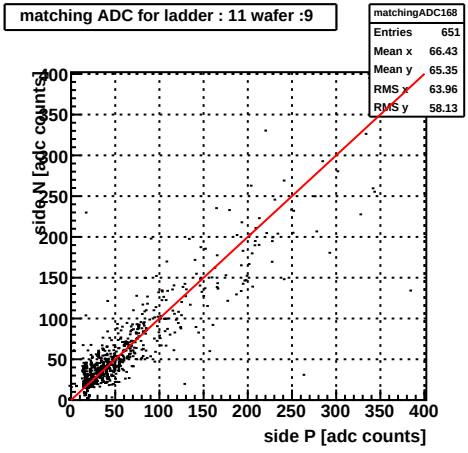

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 531
Mean x 79.98
Mean y 64.56
RMS x 67.79
RMS y 58.01
side N [adc counts]
side P [adc counts]

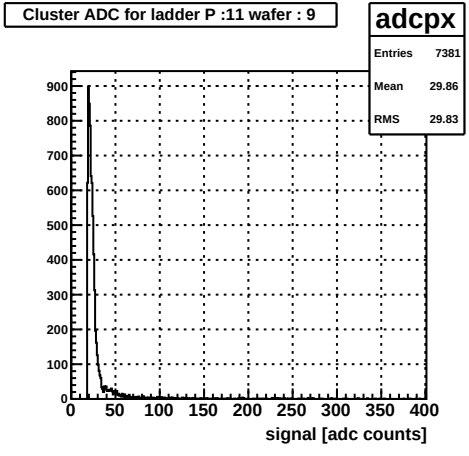

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 7682
Mean 27.06
RMS 25.46
signal [adc counts]

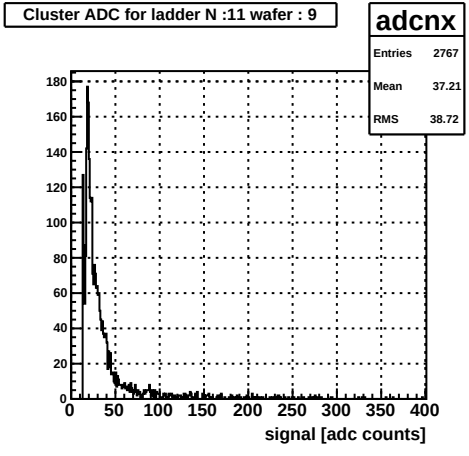

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 1255
Mean 40.84
RMS 46.14
signal [adc counts]

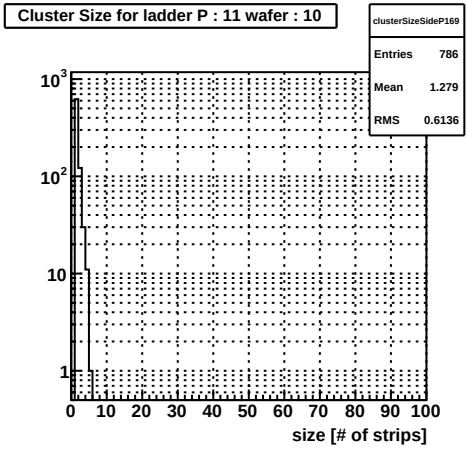

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 7381
Mean 1.069
RMS 0.3161
size [# of strips]

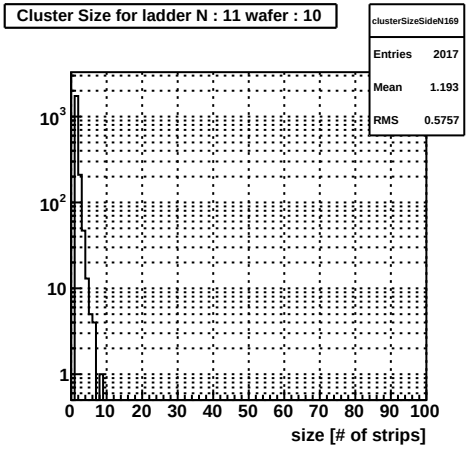

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 2767
Mean 1.218
RMS 0.6562
size [# of strips]

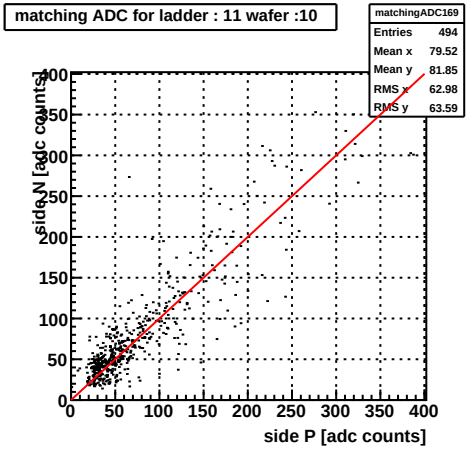

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 651
Mean x 66.43
Mean y 65.35
RMS x 63.96
RMS y 58.13
side N [adc counts]
side P [adc counts]

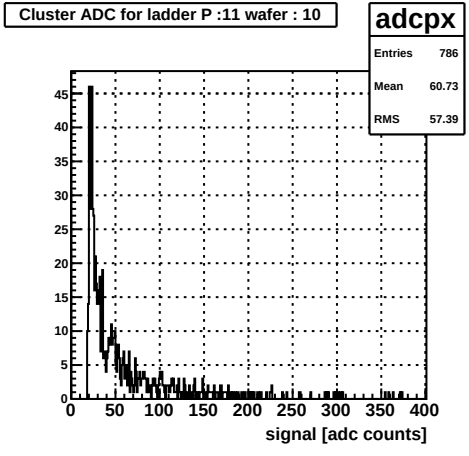

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 7381
Mean 29.86
RMS 29.83
signal [adc counts]

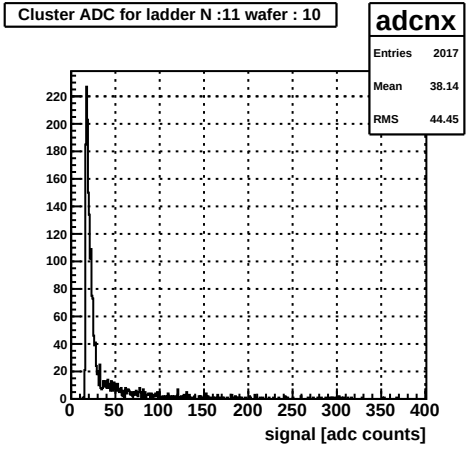

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 2767
Mean 37.21
RMS 38.72
signal [adc counts]

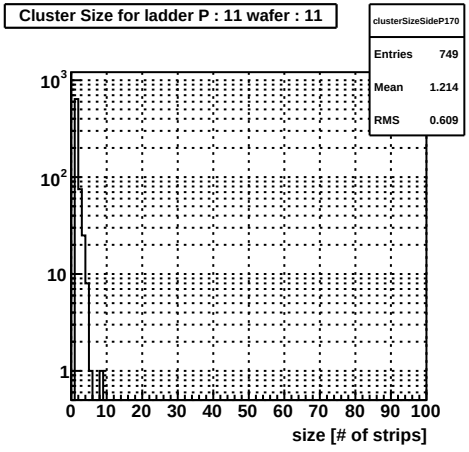

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 786
Mean 1.279
RMS 0.6136
size [# of strips]

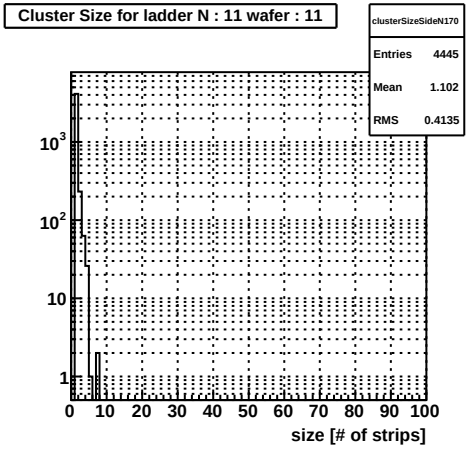

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 2017
Mean 1.193
RMS 0.5757
size [# of strips]

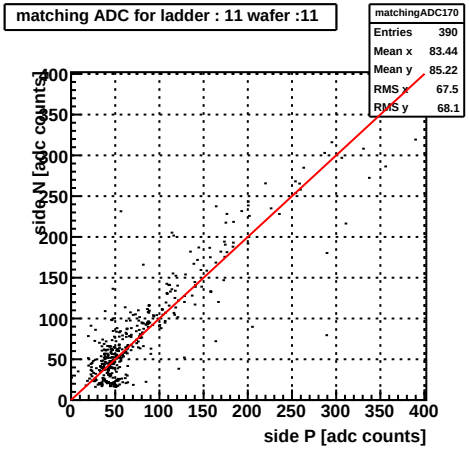

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 494
Mean x 79.52
Mean y 81.85
RMS x 62.98
RMS y 63.59
side N [adc counts]
side P [adc counts]

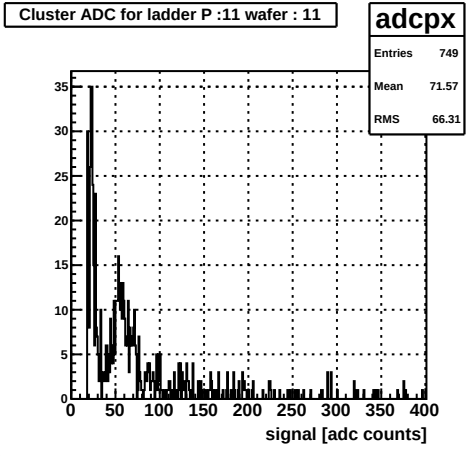

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 786
Mean 60.73
RMS 57.39
signal [adc counts]

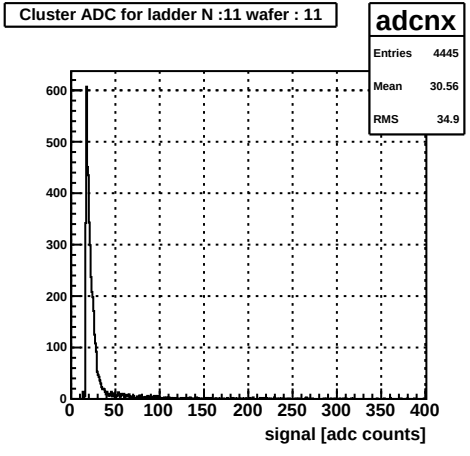

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 2017
Mean 38.14
RMS 44.45
signal [adc counts]

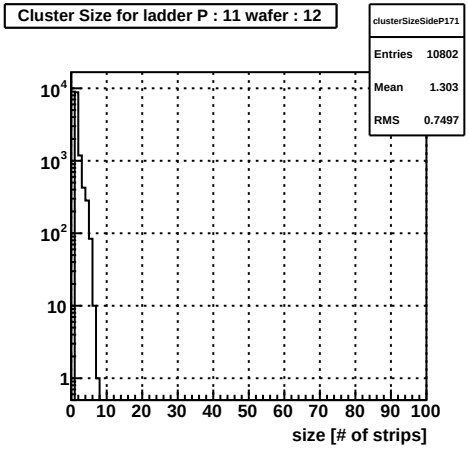

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 749
Mean 1.214
RMS 0.609
size [# of strips]

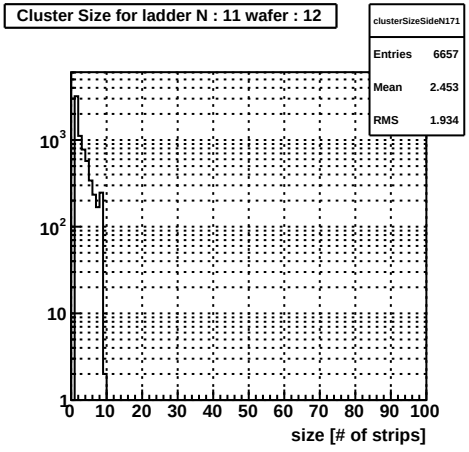

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 4445
Mean 1.102
RMS 0.4135
size [# of strips]

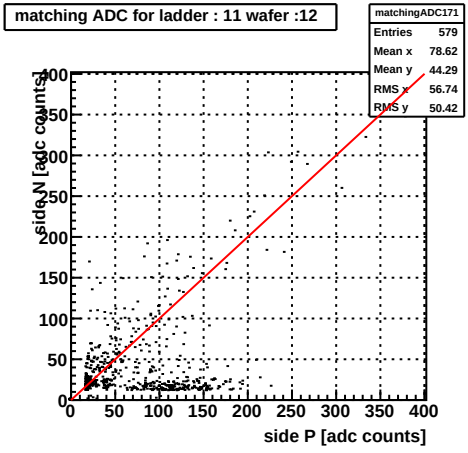

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 390
Mean x 83.44
Mean y 85.22
RMS x 67.5
RMS y 68.1
side N [adc counts]
side P [adc counts]

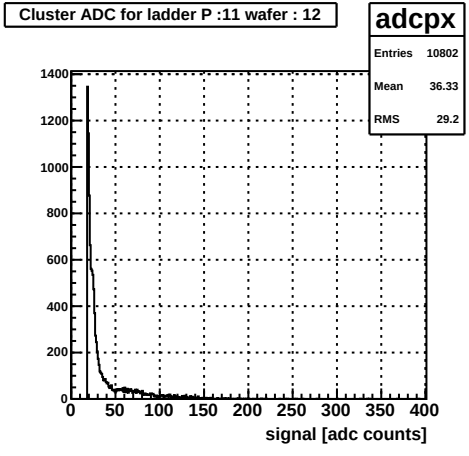

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 749
Mean 71.57
RMS 66.31
signal [adc counts]

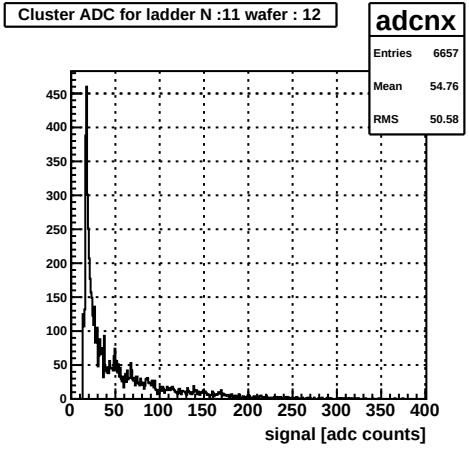

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 4445
Mean 30.56
RMS 34.9
signal [adc counts]

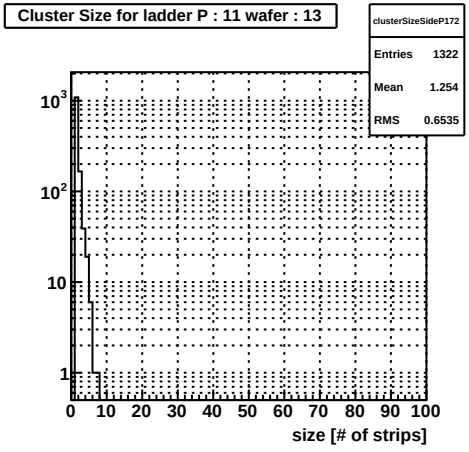

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 10802
Mean 1.303
RMS 0.7497
size [# of strips]

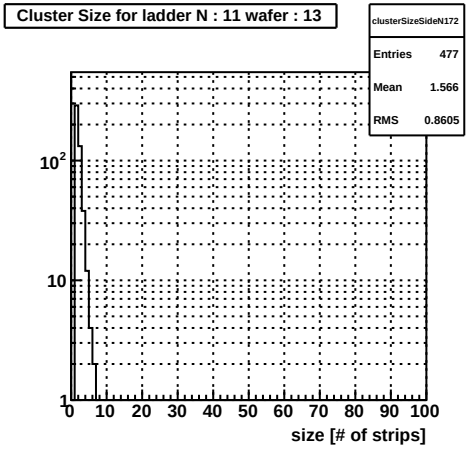

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 6657
Mean 2.453
RMS 1.934
size [# of strips]

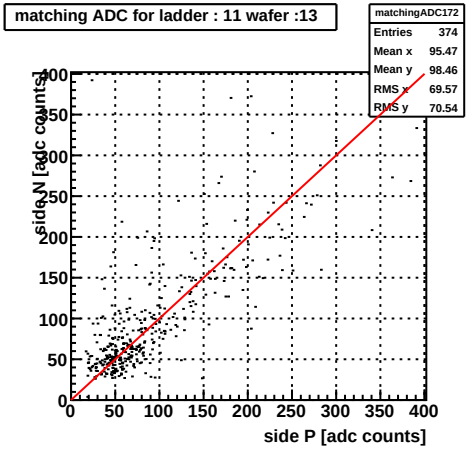

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 579
Mean x 78.62
Mean y 44.29
RMS x 56.74
RMS y 50.42
side N [adc counts]
side P [adc counts]

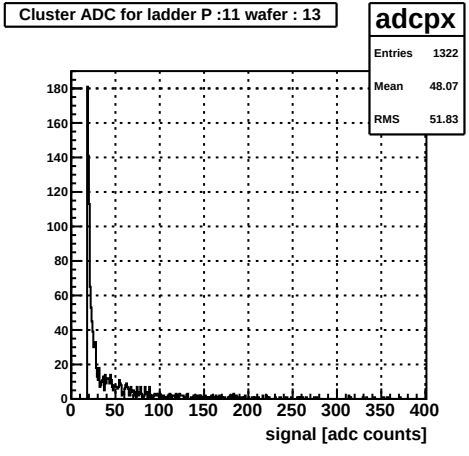

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 10802
Mean 36.33
RMS 29.2
signal [adc counts]

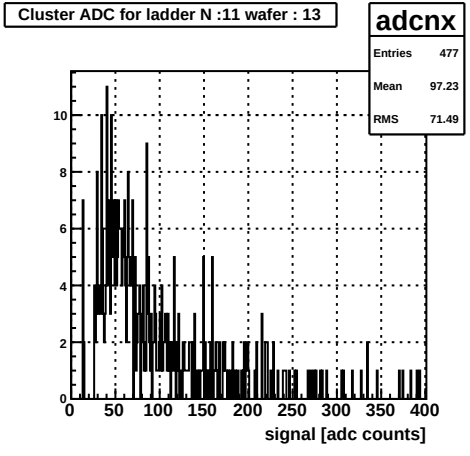

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 6657
Mean 54.76
RMS 50.58
signal [adc counts]

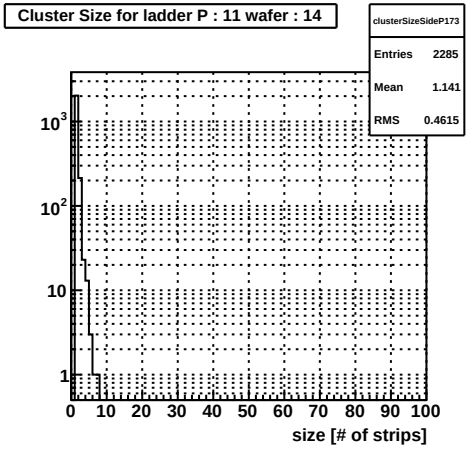

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 1322
Mean 1.254
RMS 0.6535
size [# of strips]

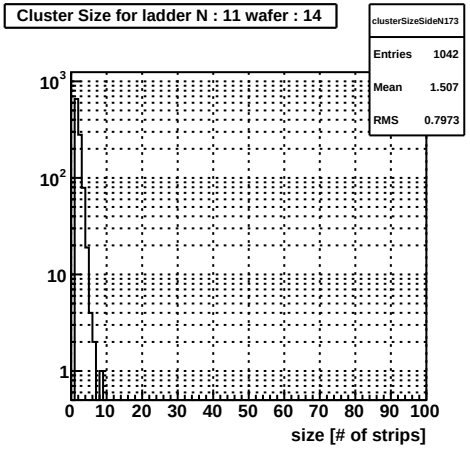

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 477
Mean 1.566
RMS 0.8605
size [# of strips]

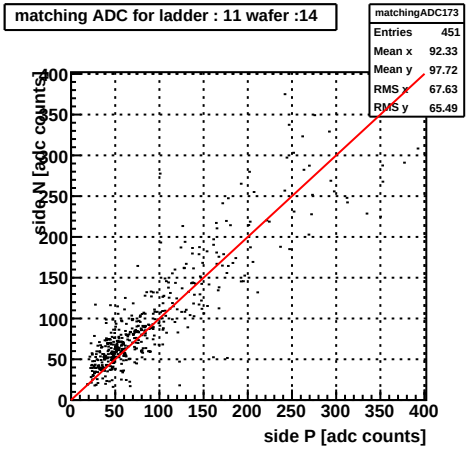

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 374
Mean x 95.47
Mean y 98.46
RMS x 69.57
RMS y 70.54
side N [adc counts]
side P [adc counts]

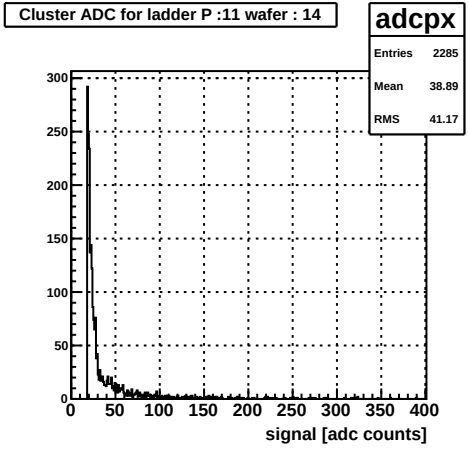

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 1322
Mean 48.07
RMS 51.83
signal [adc counts]

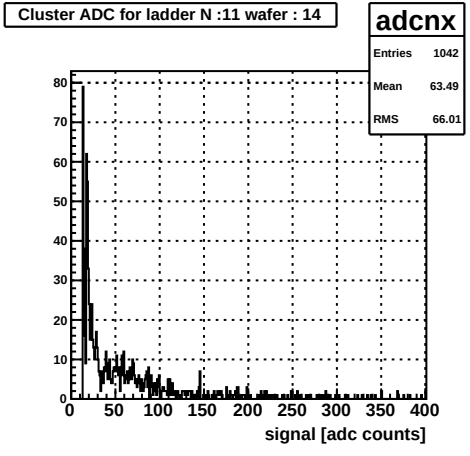

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 477
Mean 97.23
RMS 71.49
signal [adc counts]

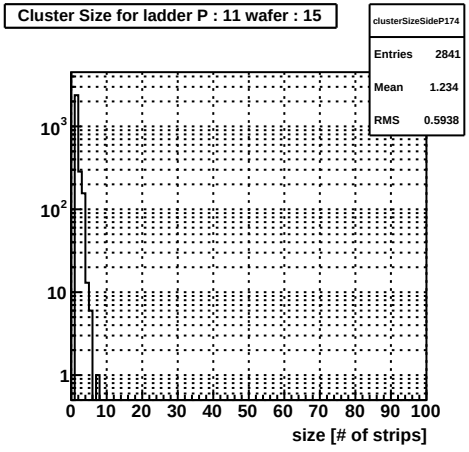

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 2285
Mean 1.141
RMS 0.4615
size [# of strips]

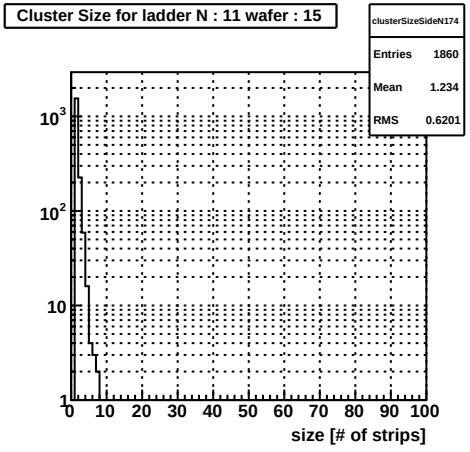

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 1042
Mean 1.507
RMS 0.7973
size [# of strips]

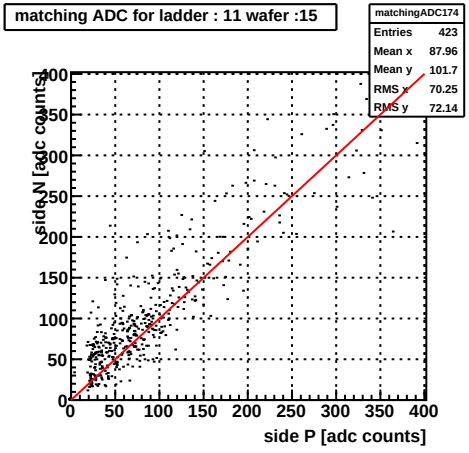

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 451
Mean x 92.33
Mean y 97.72
RMS x 67.63
RMS y 65.49
side N [adc counts]
side P [adc counts]

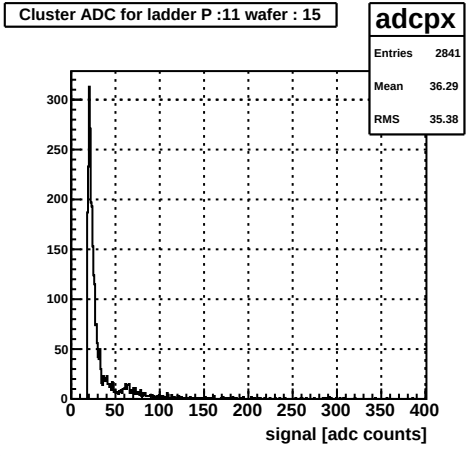

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 2285
Mean 38.89
RMS 41.17
signal [adc counts]

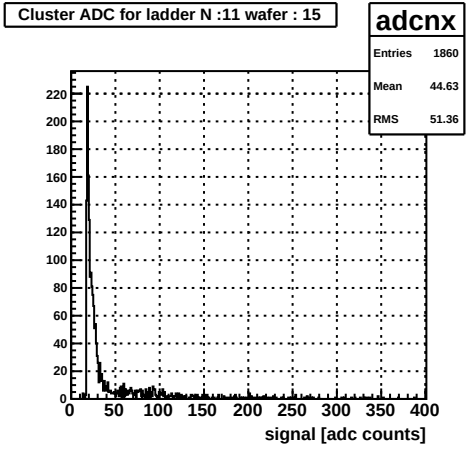

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 1042
Mean 63.49
RMS 66.01
signal [adc counts]

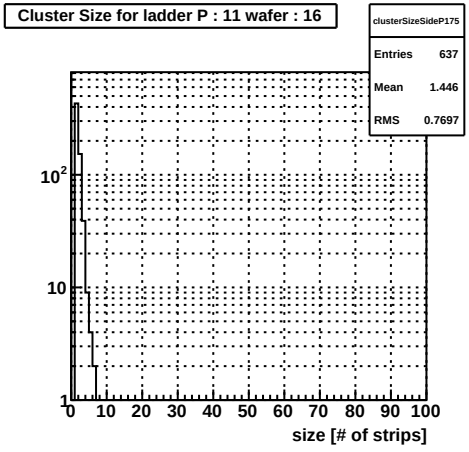

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 2841
Mean 1.234
RMS 0.5938
size [# of strips]

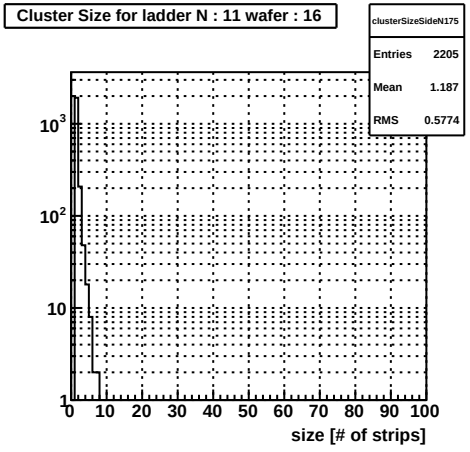

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 1860
Mean 1.234
RMS 0.6201
size [# of strips]

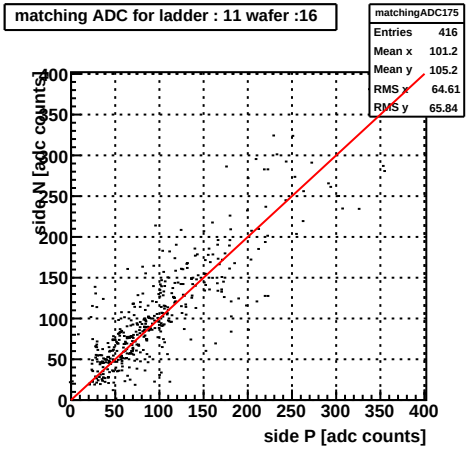

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 423
Mean x 87.96
Mean y 101.7
RMS x 70.25
RMS y 72.14
side N [adc counts]
side P [adc counts]

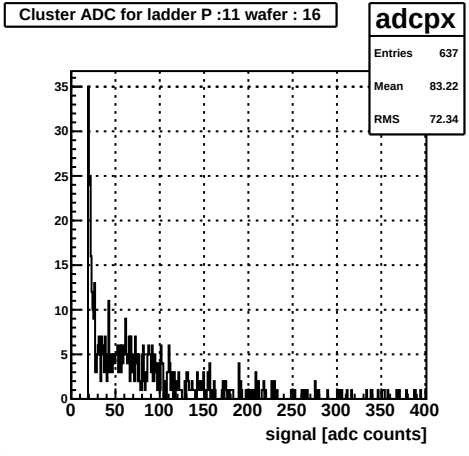

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 2841
Mean 36.29
RMS 35.38
signal [adc counts]

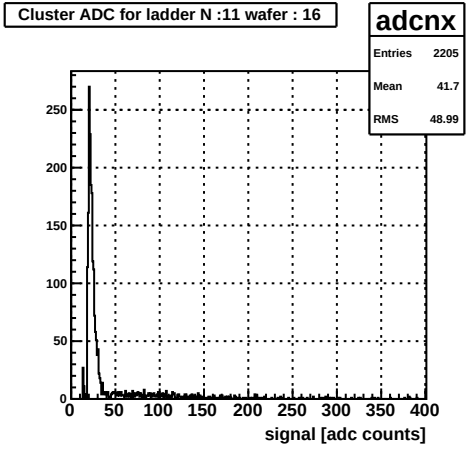

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 1860
Mean 44.63
RMS 51.36
signal [adc counts]

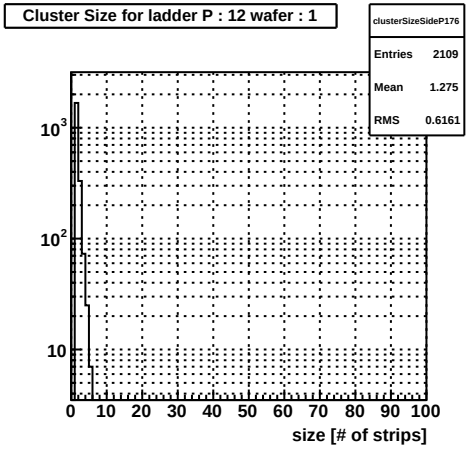

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 637
Mean 1.446
RMS 0.7697
size [# of strips]

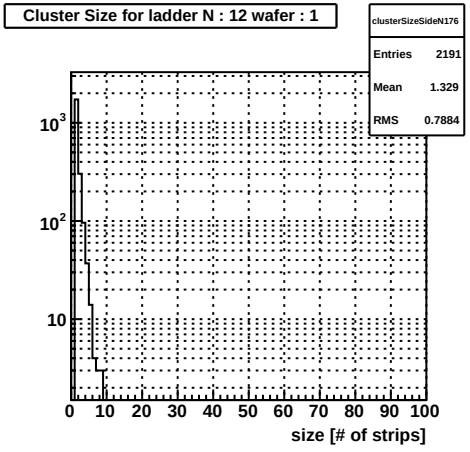

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 2205
Mean 1.187
RMS 0.5774
size [# of strips]

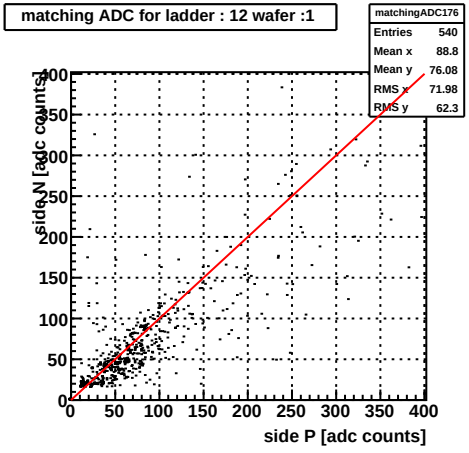

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 416
Mean x 101.2
Mean y 105.2
RMS x 64.61
RMS y 65.84
side N [adc counts]
side P [adc counts]

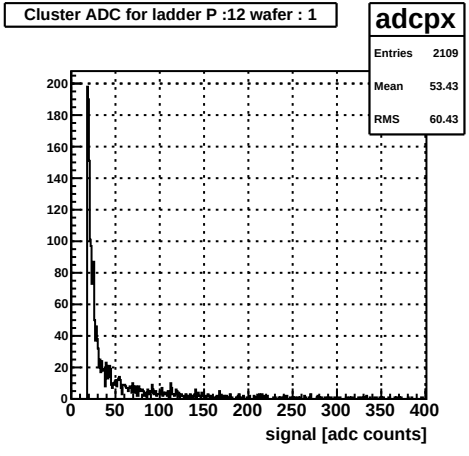

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 637
Mean 83.22
RMS 72.34
signal [adc counts]

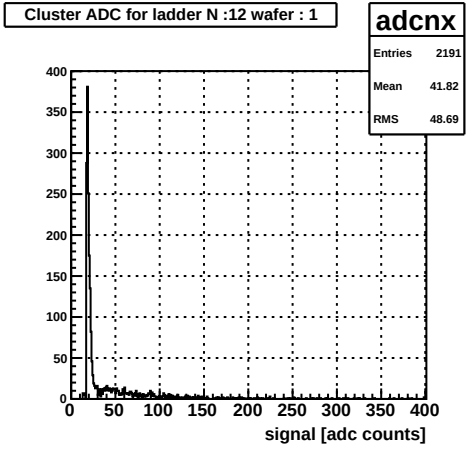

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 2205
Mean 41.7
RMS 48.99
signal [adc counts]

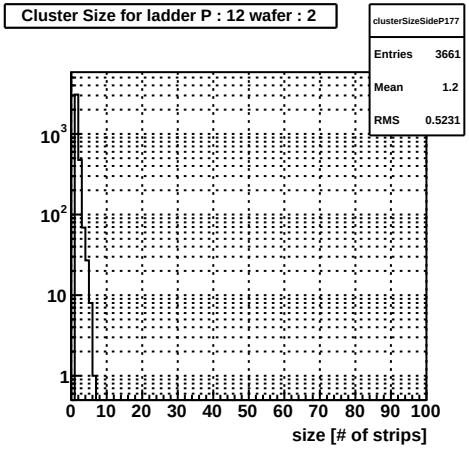

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 2109
Mean 1.275
RMS 0.6161
size [# of strips]

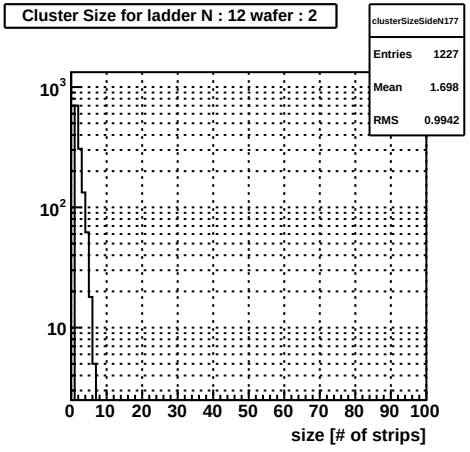

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 2191
Mean 1.329
RMS 0.7884
size [# of strips]

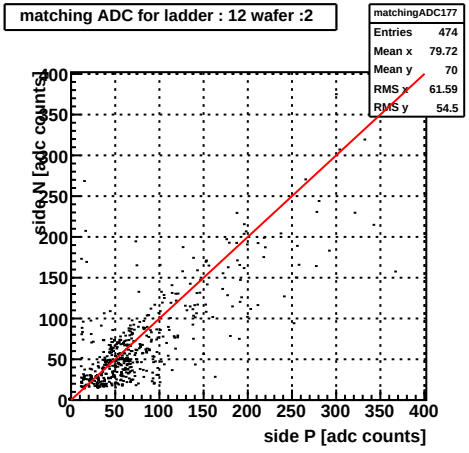

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 540
Mean x 88.8
Mean y 76.08
RMS x 71.98
RMS y 62.3
side N [adc counts]
side P [adc counts]

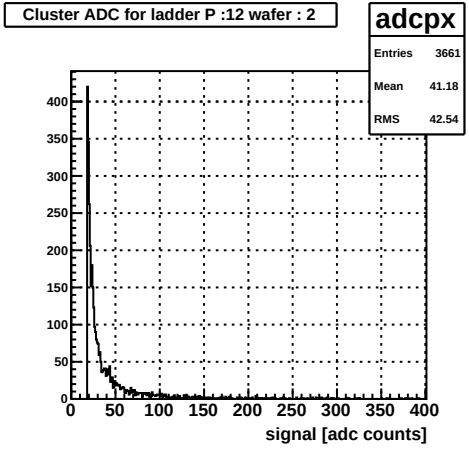

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 2109
Mean 53.43
RMS 60.43
signal [adc counts]

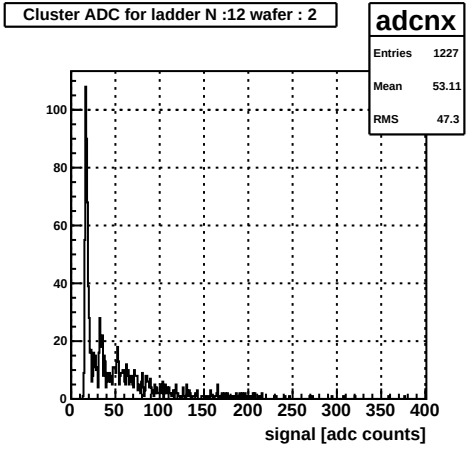

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 2191
Mean 41.82
RMS 48.69
signal [adc counts]

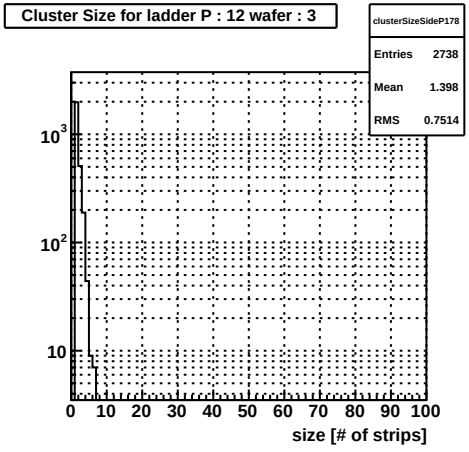

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 3661
Mean 1.2
RMS 0.5231
size [# of strips]

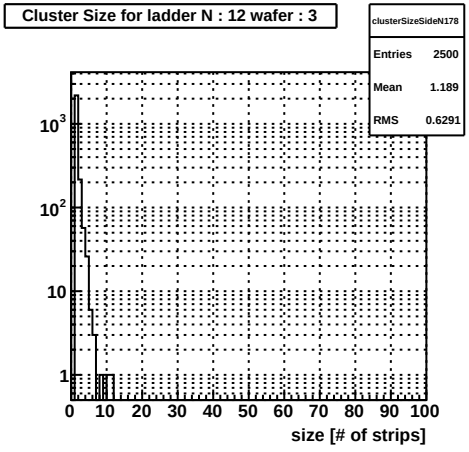

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 1227
Mean 1.698
RMS 0.9942
size [# of strips]

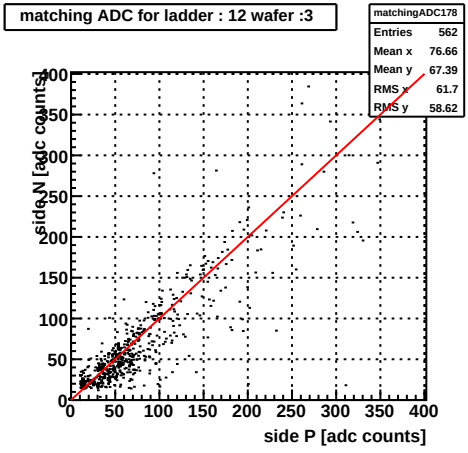

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 474
Mean x 79.72
Mean y 70
RMS x 61.59
RMS y 54.5
side N [adc counts]
side P [adc counts]

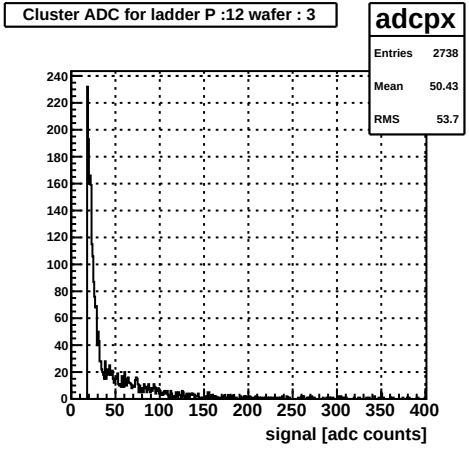

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 3661
Mean 41.18
RMS 42.54
signal [adc counts]

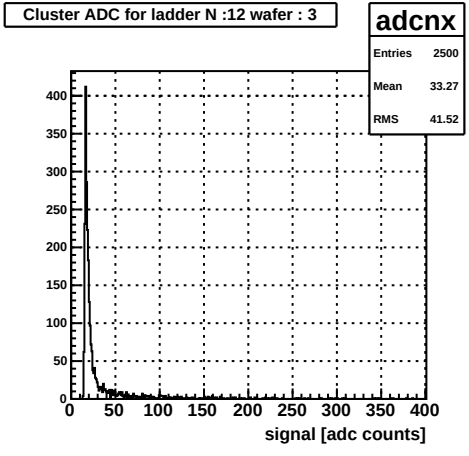

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 1227
Mean 53.11
RMS 47.3
signal [adc counts]

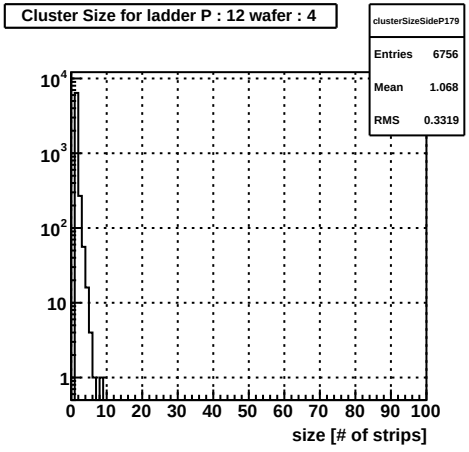

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 2738
Mean 1.398
RMS 0.7514
size [# of strips]

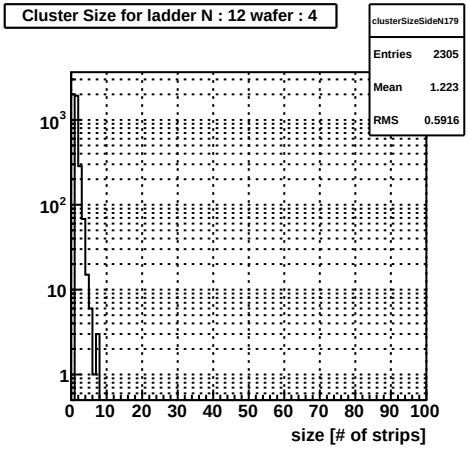

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 2500
Mean 1.189
RMS 0.6291
size [# of strips]

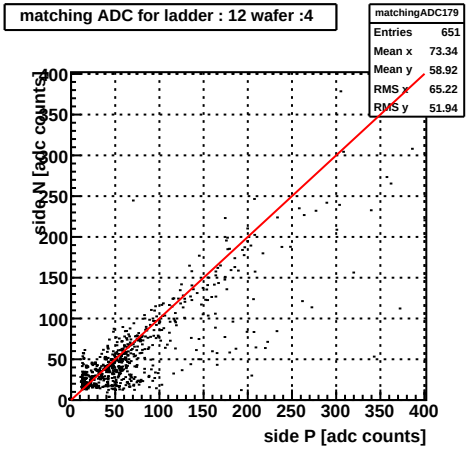

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 562
Mean x 76.66
Mean y 67.39
RMS x 61.7
RMS y 58.62
side N [adc counts]
side P [adc counts]

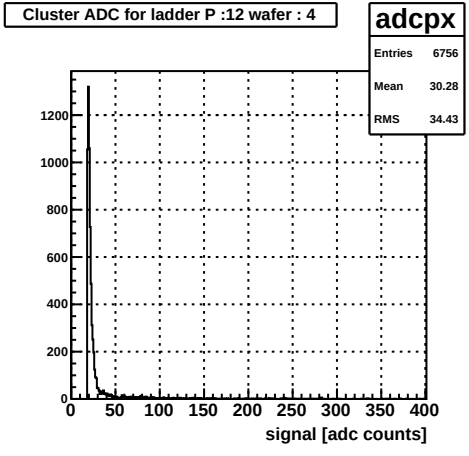

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 2738
Mean 50.43
RMS 53.7
signal [adc counts]

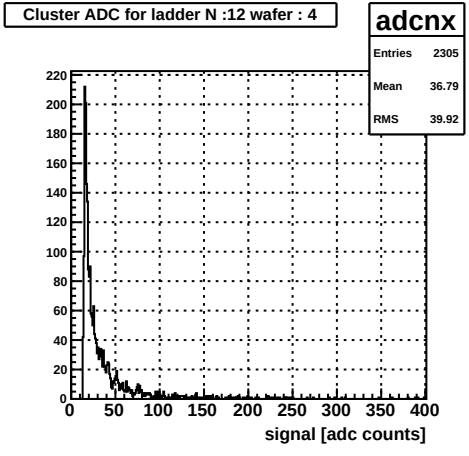

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 2500
Mean 33.27
RMS 41.52
signal [adc counts]

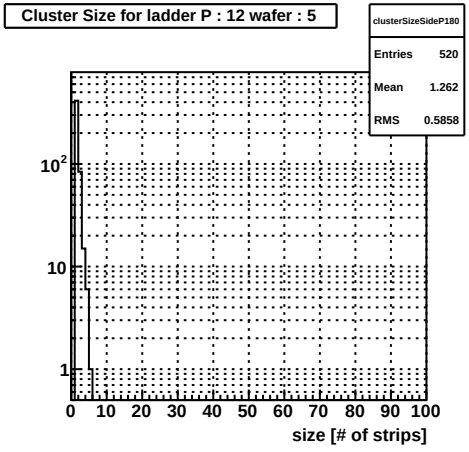

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 6756
Mean 1.068
RMS 0.3319
size [# of strips]

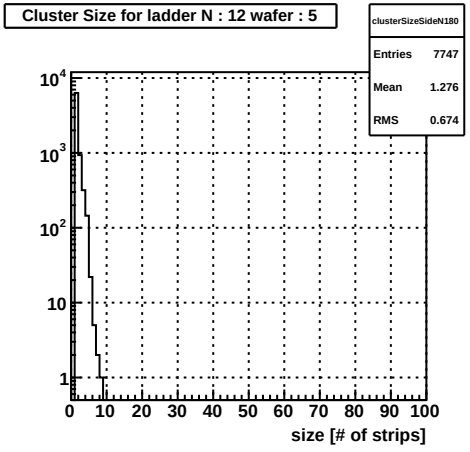

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 2305
Mean 1.223
RMS 0.5916
size [# of strips]

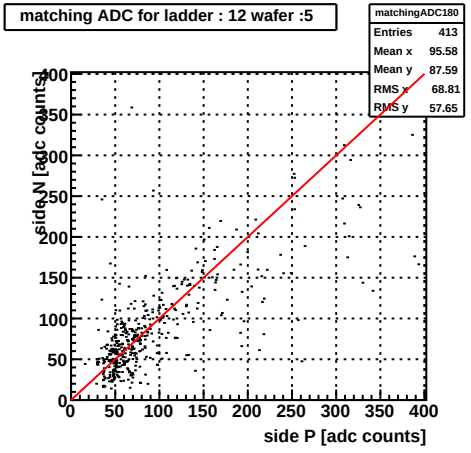

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 651
Mean x 73.34
Mean y 58.92
RMS x 65.22
RMS y 51.94
side N [adc counts]
side P [adc counts]

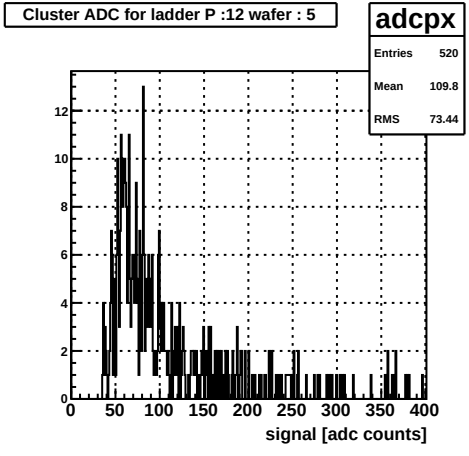

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 6756
Mean 30.28
RMS 34.43
signal [adc counts]

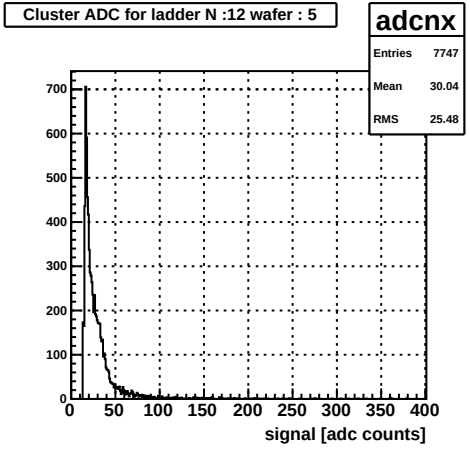

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 2305
Mean 36.79
RMS 39.92
signal [adc counts]

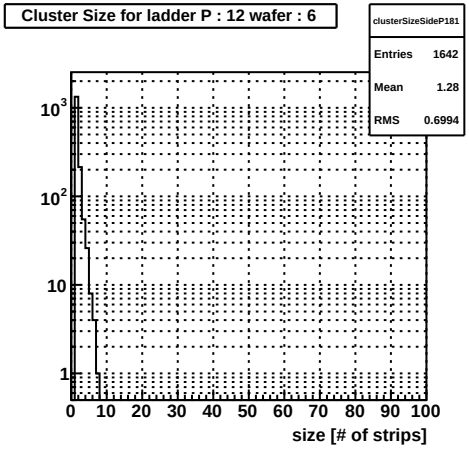

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 520
Mean 1.262
RMS 0.5858
size [# of strips]

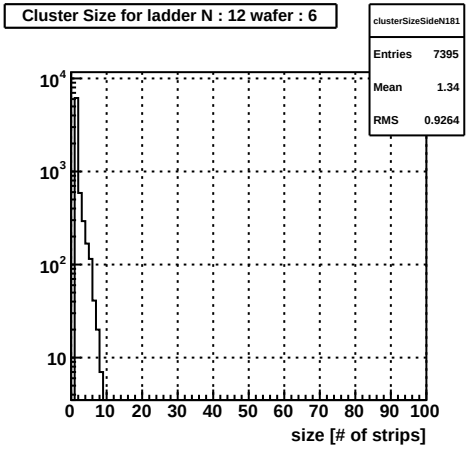

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 7747
Mean 1.276
RMS 0.674
size [# of strips]

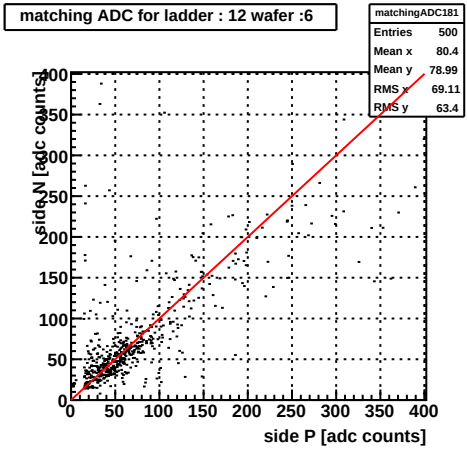

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 413
Mean x 95.58
Mean y 87.59
RMS x 68.81
RMS y 57.65
side N [adc counts]
side P [adc counts]

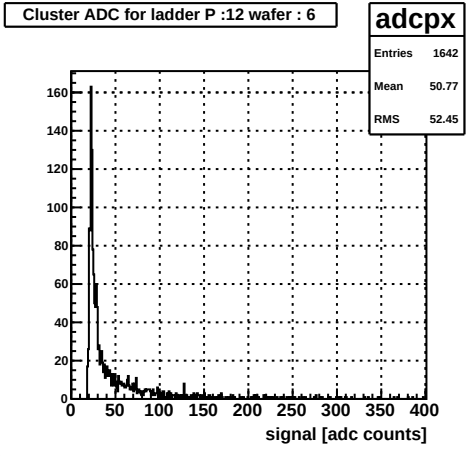

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 520
Mean 109.8
RMS 73.44
signal [adc counts]

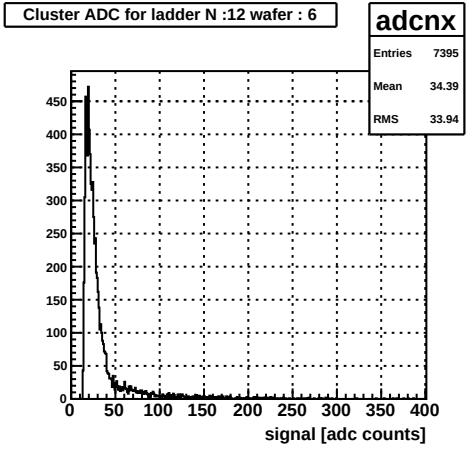

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 7747
Mean 30.04
RMS 25.48
signal [adc counts]

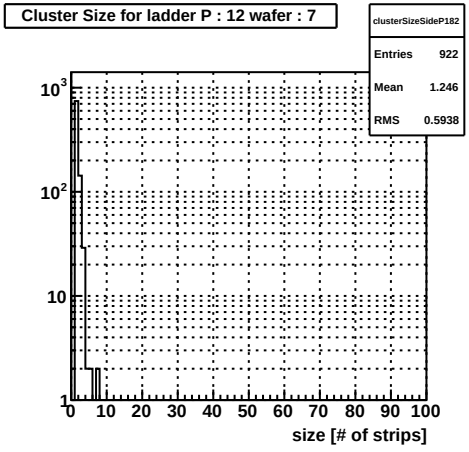

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 1642
Mean 1.28
RMS 0.6994
size [# of strips]

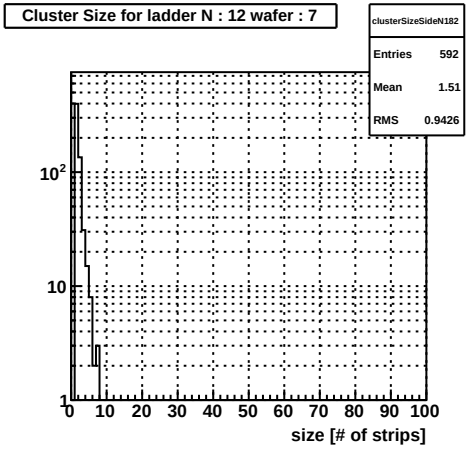

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 7395
Mean 1.34
RMS 0.9264
size [# of strips]

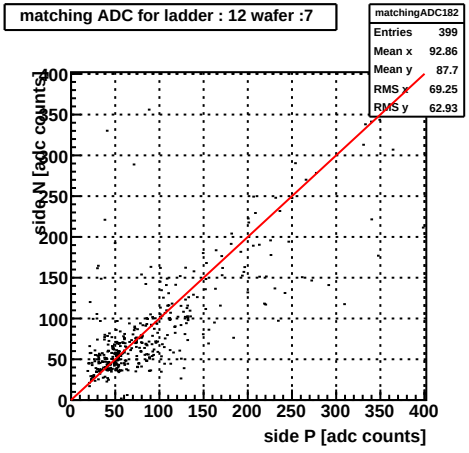

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 500
Mean x 80.4
Mean y 78.99
RMS x 69.11
RMS y 63.4
side N [adc counts]
side P [adc counts]

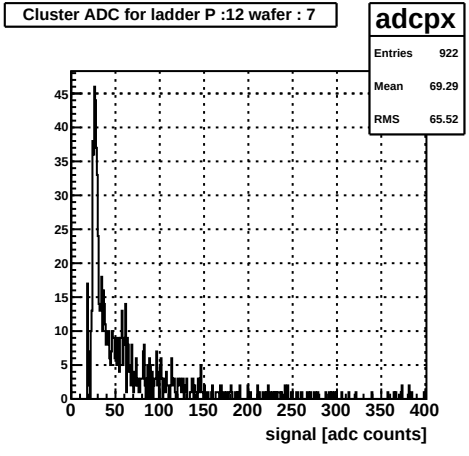

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 1642
Mean 50.77
RMS 52.45
signal [adc counts]

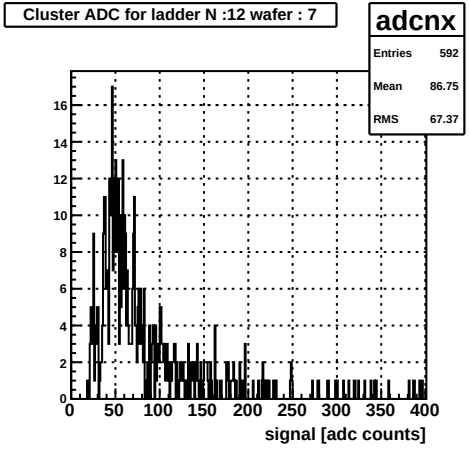

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 7395
Mean 34.39
RMS 33.94
signal [adc counts]

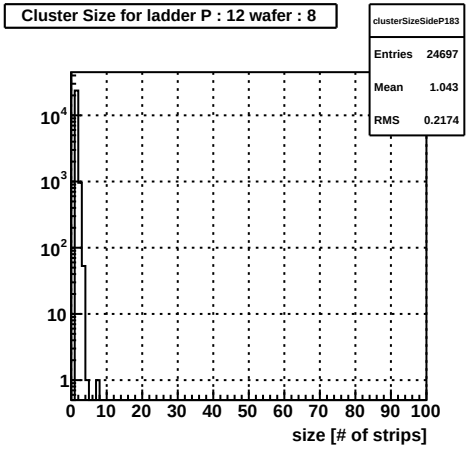

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 922
Mean 1.246
RMS 0.5938
size [# of strips]

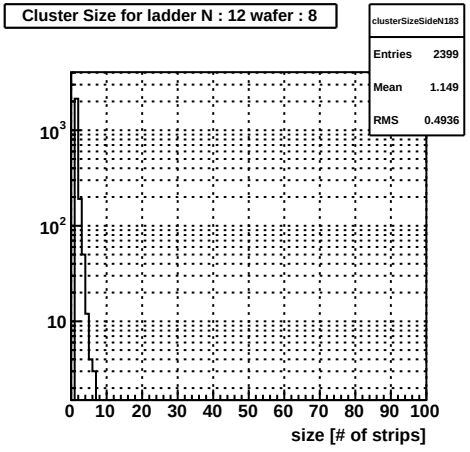

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 592
Mean 1.51
RMS 0.9426
size [# of strips]

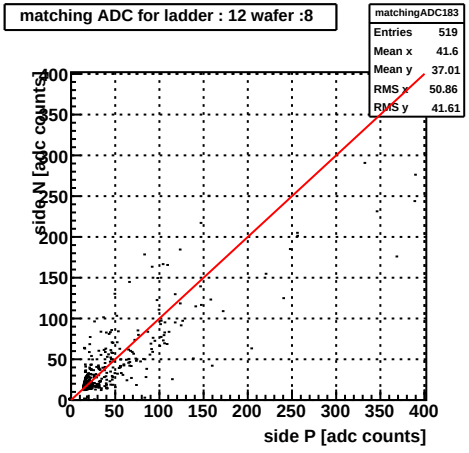

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 399
Mean x 92.86
Mean y 87.7
RMS x 69.25
RMS y 62.93
side N [adc counts]
side P [adc counts]

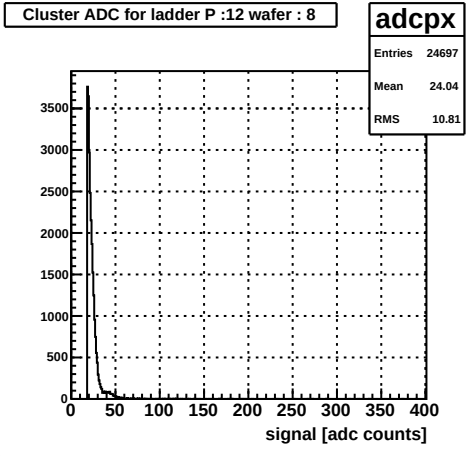

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 922
Mean 69.29
RMS 65.52
signal [adc counts]

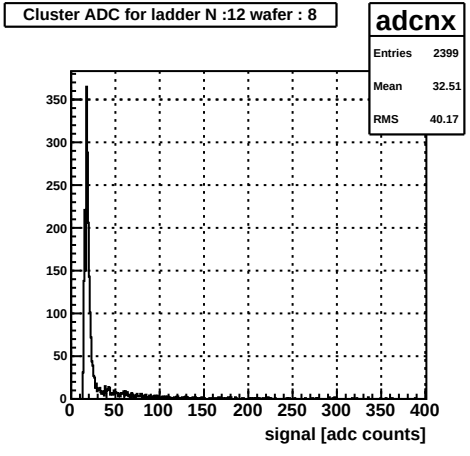

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 592
Mean 86.75
RMS 67.37
signal [adc counts]

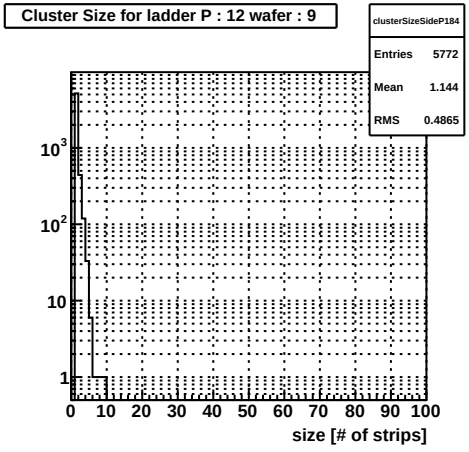

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 24697
Mean 1.043
RMS 0.2174
size [# of strips]

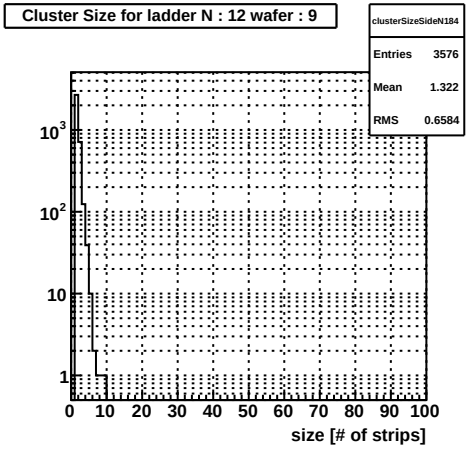

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 2399
Mean 1.149
RMS 0.4936
size [# of strips]

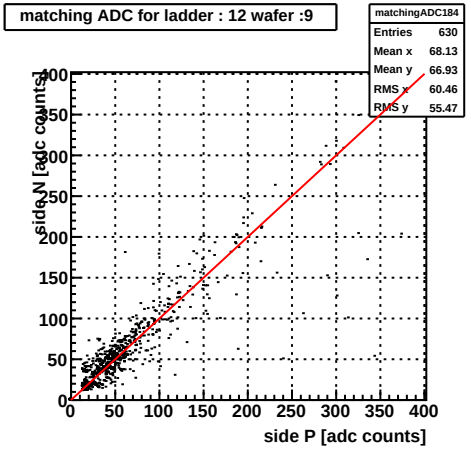

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 519
Mean x 41.6
Mean y 37.01
RMS x 50.86
RMS y 41.61
side N [adc counts]
side P [adc counts]

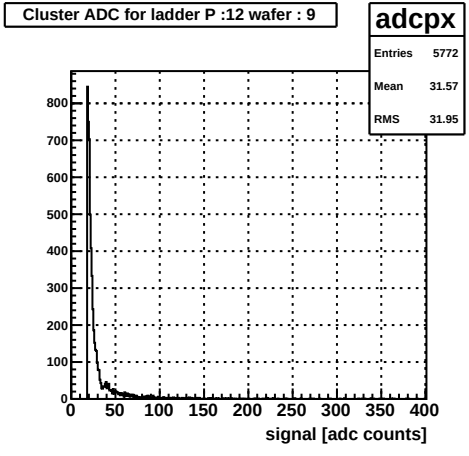

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 24697
Mean 24.04
RMS 10.81
signal [adc counts]

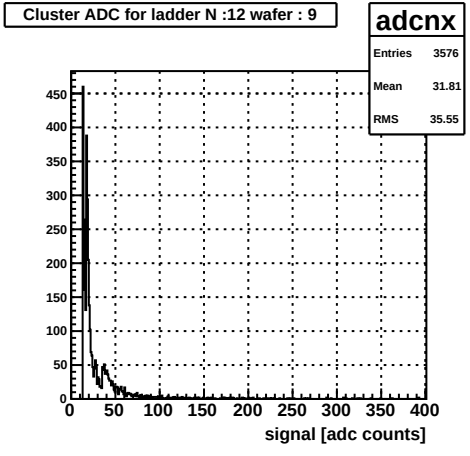

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 2399
Mean 32.51
RMS 40.17
signal [adc counts]

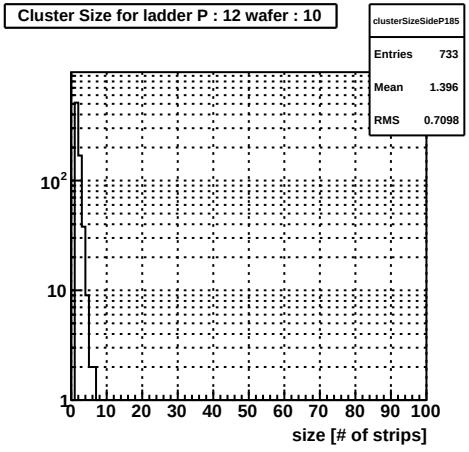

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 5772
Mean 1.144
RMS 0.4865
size [# of strips]

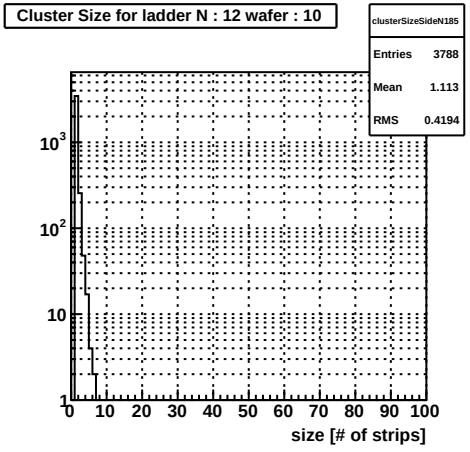

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 3576
Mean 1.322
RMS 0.6584
size [# of strips]

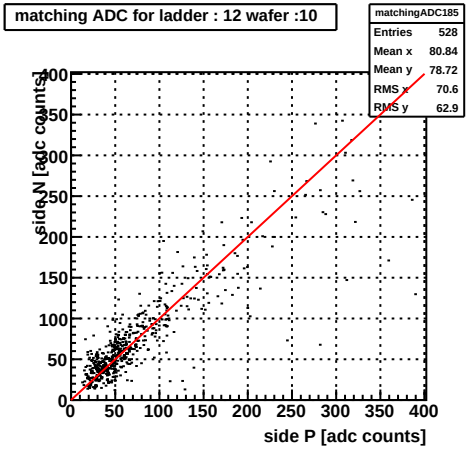

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 630
Mean x 68.13
Mean y 66.93
RMS x 60.46
RMS y 55.47
side N [adc counts]
side P [adc counts]

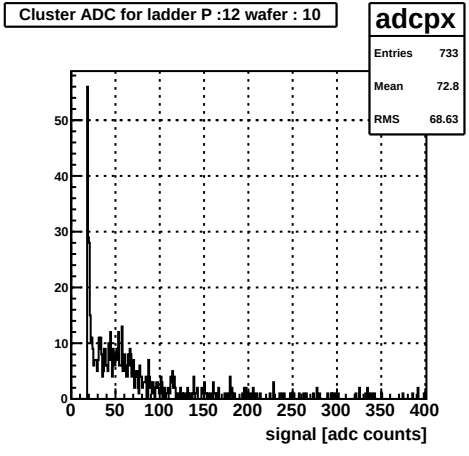

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 5772
Mean 31.57
RMS 31.95
signal [adc counts]

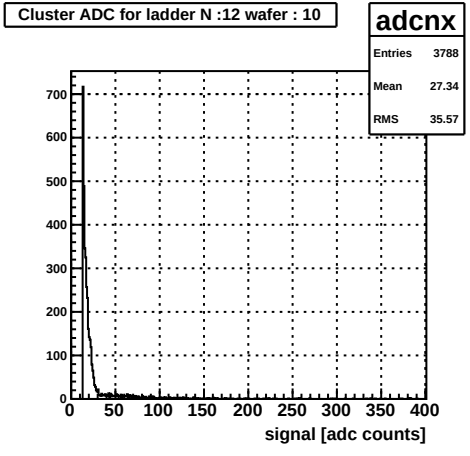

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 3576
Mean 31.81
RMS 35.55
signal [adc counts]

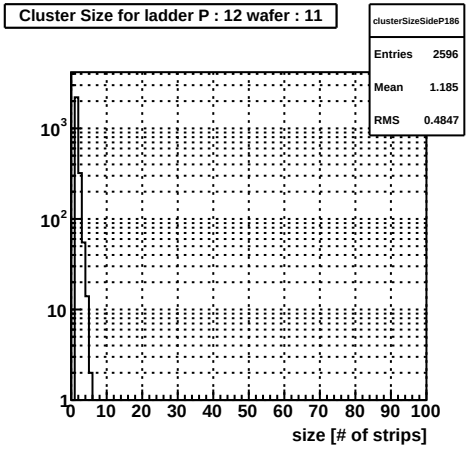

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 733
Mean 1.396
RMS 0.7098
size [# of strips]

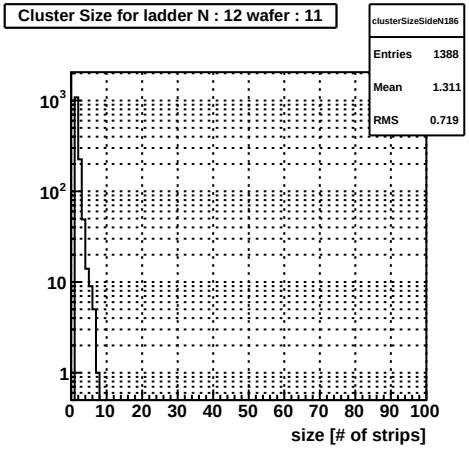

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 3788
Mean 1.113
RMS 0.4194
size [# of strips]

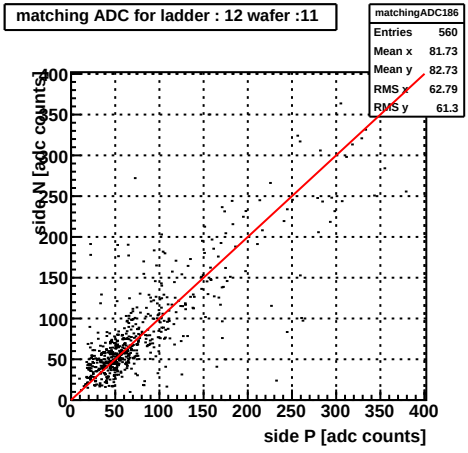

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 528
Mean x 80.84
Mean y 78.72
RMS x 70.6
RMS y 62.9
side N [adc counts]
side P [adc counts]

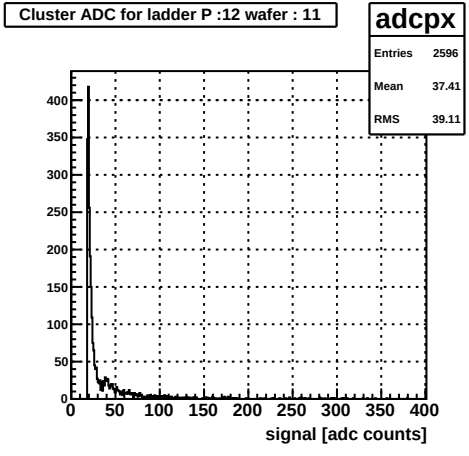

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 733
Mean 72.8
RMS 68.63
signal [adc counts]

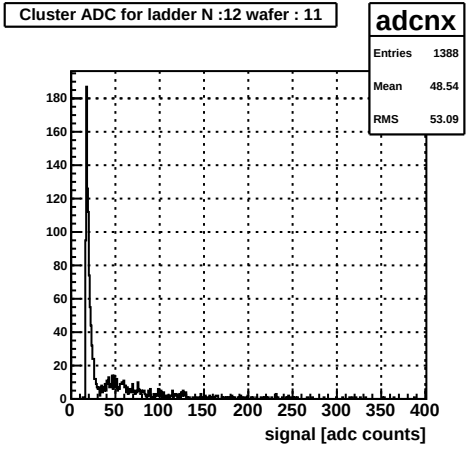

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 3788
Mean 27.34
RMS 35.57
signal [adc counts]

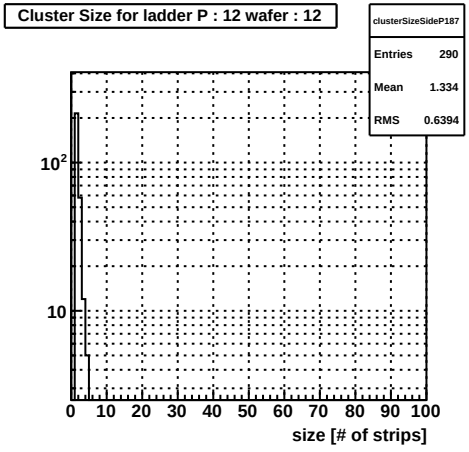

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 2596
Mean 1.185
RMS 0.4847
size [# of strips]

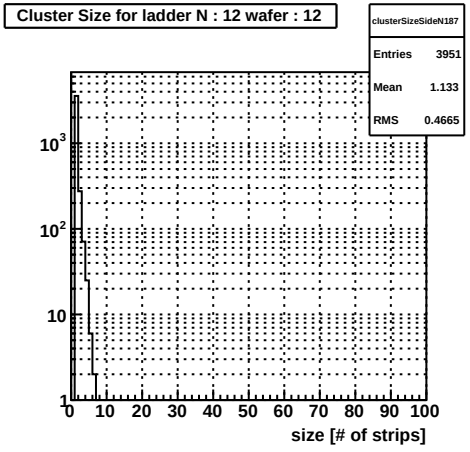

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 1388
Mean 1.311
RMS 0.719
size [# of strips]

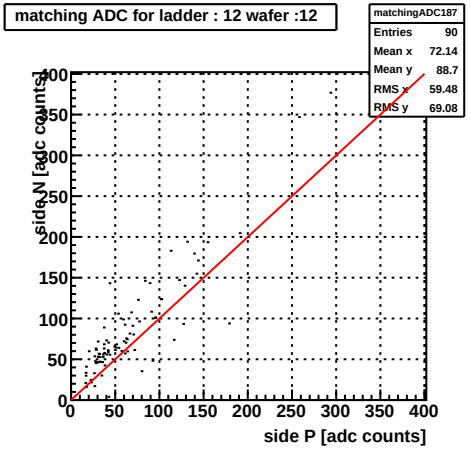

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 560
Mean x 81.73
Mean y 82.73
RMS x 62.79
RMS y 61.3
side N [adc counts]
side P [adc counts]

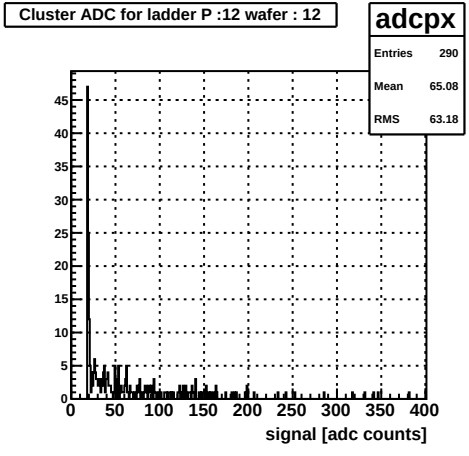

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 2596
Mean 37.41
RMS 39.11
signal [adc counts]

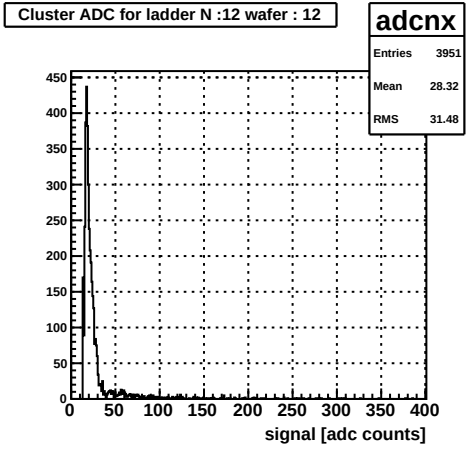

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 1388
Mean 48.54
RMS 53.09
signal [adc counts]

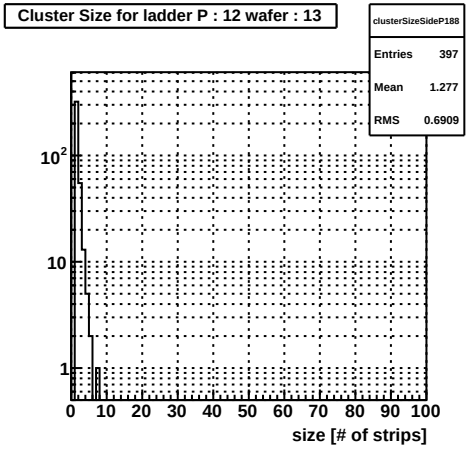

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 290
Mean 1.334
RMS 0.6394
size [# of strips]

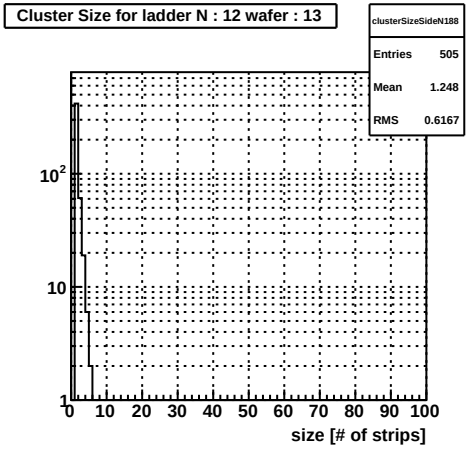

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 3951
Mean 1.133
RMS 0.4665
size [# of strips]

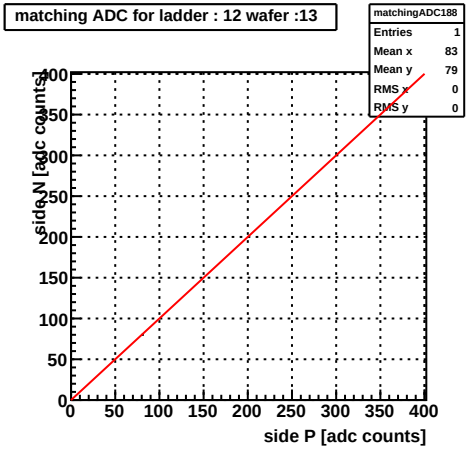

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 90
Mean x 72.14
Mean y 88.7
RMS x 59.48
RMS y 69.08
side N [adc counts]
side P [adc counts]

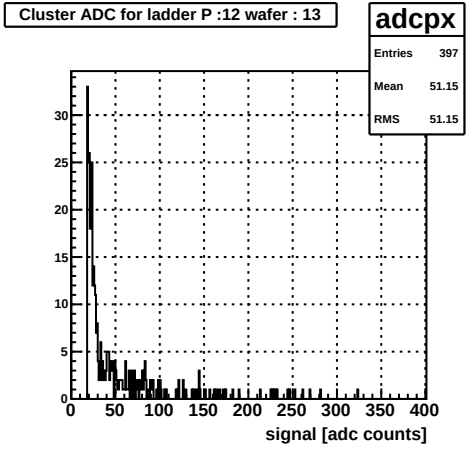

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 290
Mean 65.08
RMS 63.18
signal [adc counts]

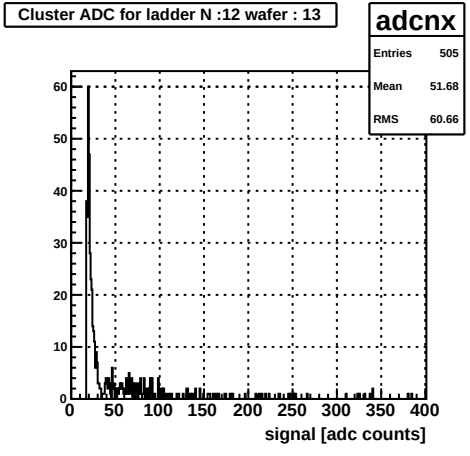

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 3951
Mean 28.32
RMS 31.48
signal [adc counts]

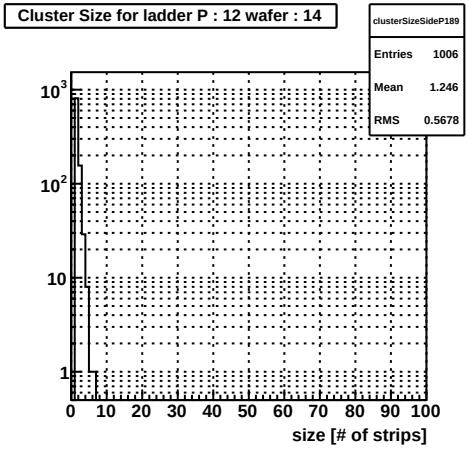

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 397
Mean 1.277
RMS 0.6909
size [# of strips]

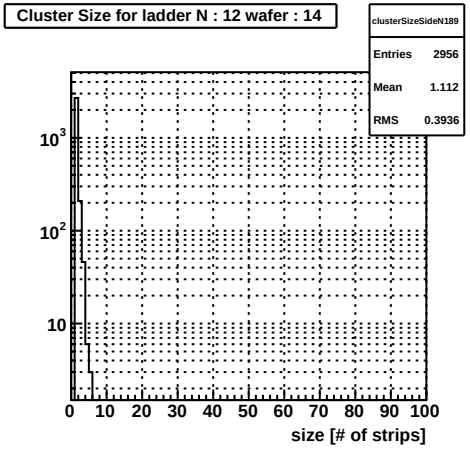

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 505
Mean 1.248
RMS 0.6167
size [# of strips]

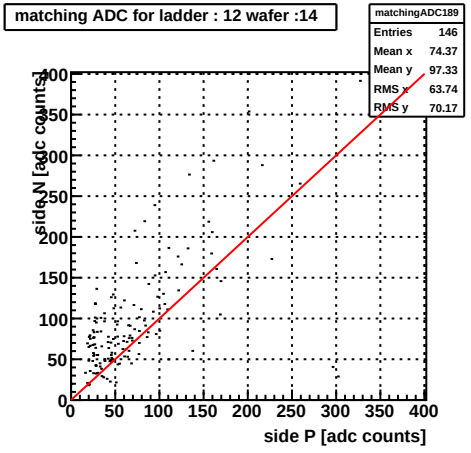

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 1
Mean x 83
Mean y 79
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

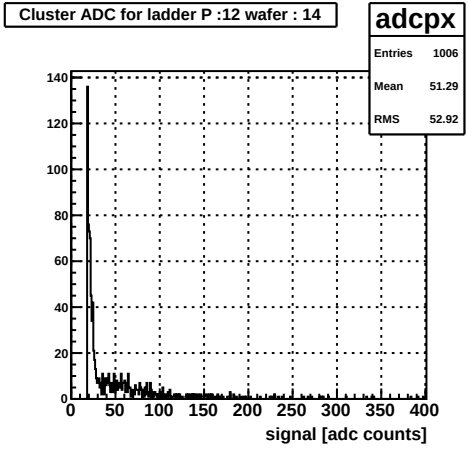

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 397
Mean 51.15
RMS 51.15
signal [adc counts]

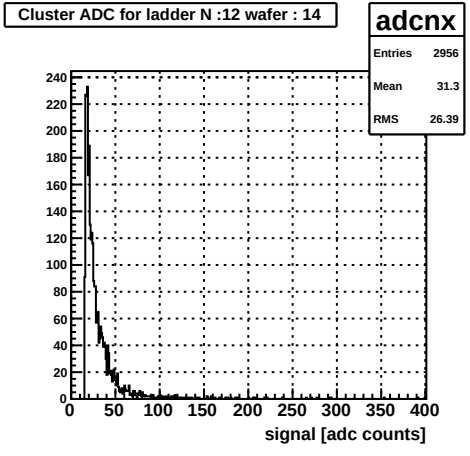

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 505
Mean 51.68
RMS 60.66
signal [adc counts]

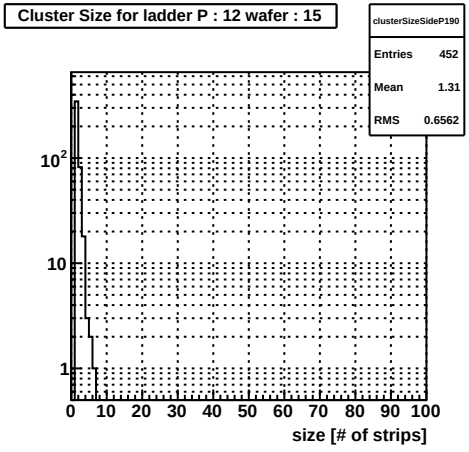

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 1006
Mean 1.246
RMS 0.5678
size [# of strips]

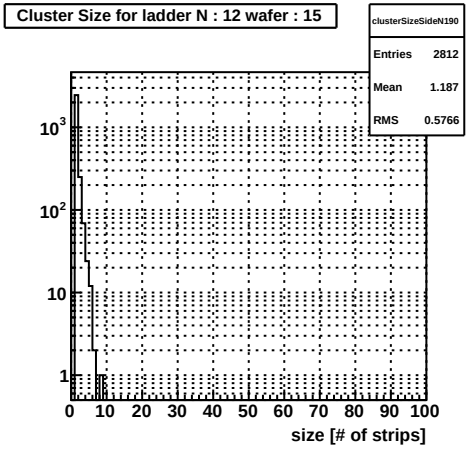

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2956
Mean 1.112
RMS 0.3936
size [# of strips]

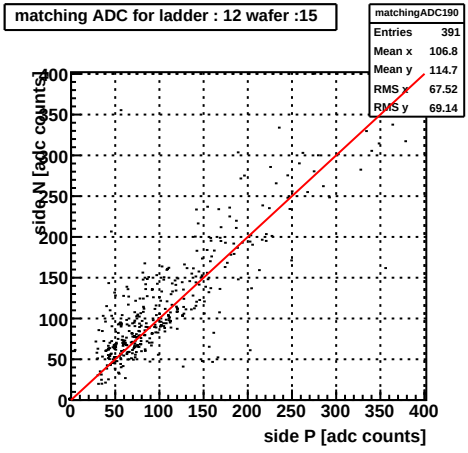

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 146
Mean x 74.37
Mean y 97.33
RMS x 63.74
RMS y 70.17
side N [adc counts]
side P [adc counts]

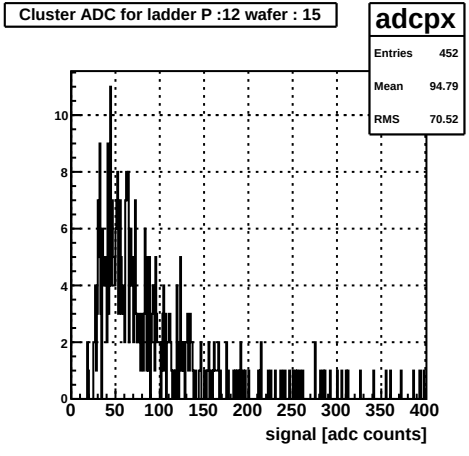

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 1006
Mean 51.29
RMS 52.92
signal [adc counts]

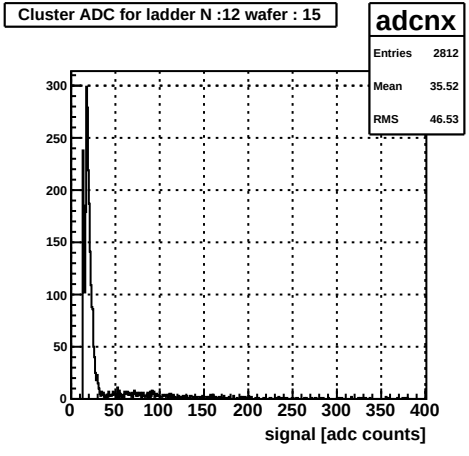

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2956
Mean 31.3
RMS 26.39
signal [adc counts]

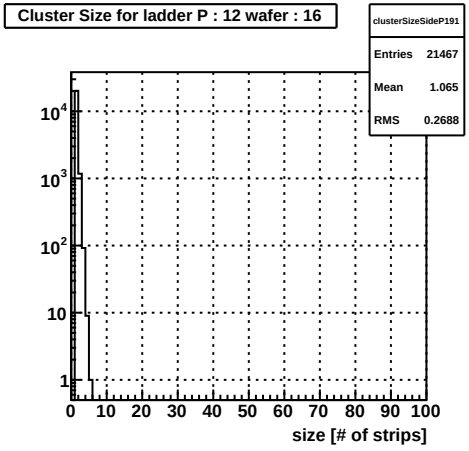

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 452
Mean 1.31
RMS 0.6562
size [# of strips]

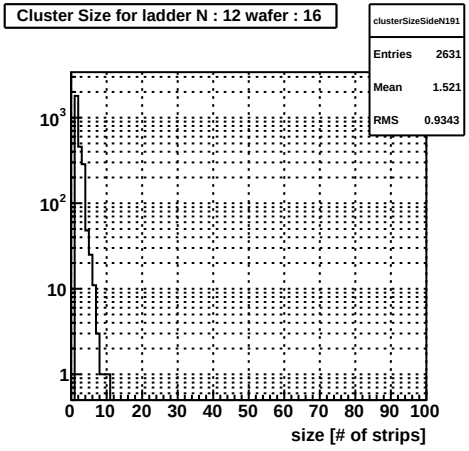

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 2812
Mean 1.187
RMS 0.5766
size [# of strips]

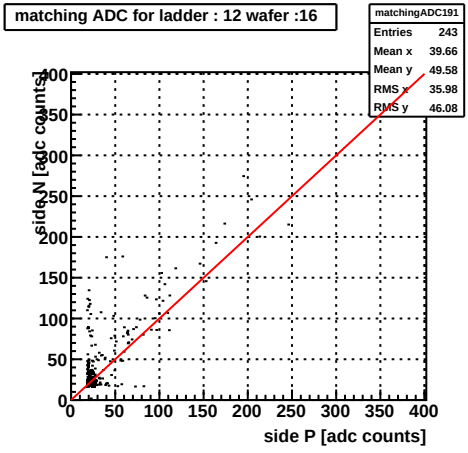

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 391
Mean x 106.8
Mean y 114.7
RMS x 67.52
RMS y 69.14
side N [adc counts]
side P [adc counts]

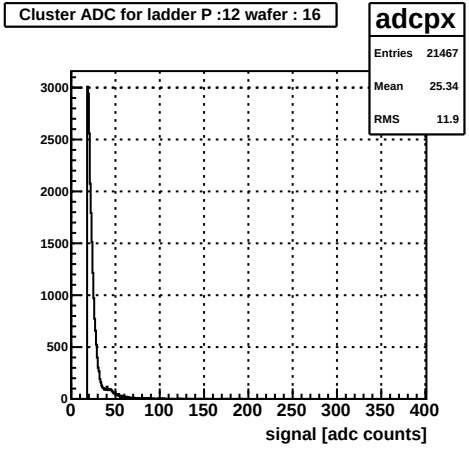

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 452
Mean 94.79
RMS 70.52
signal [adc counts]

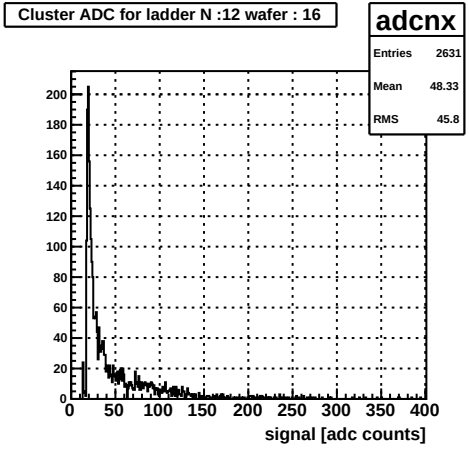

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 2812
Mean 35.52
RMS 46.53
signal [adc counts]

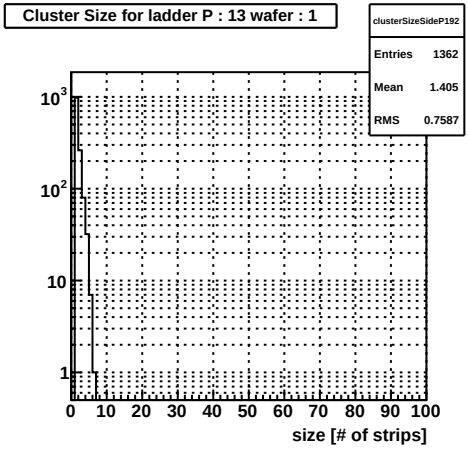

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 21467
Mean 1.065
RMS 0.2688
size [# of strips]

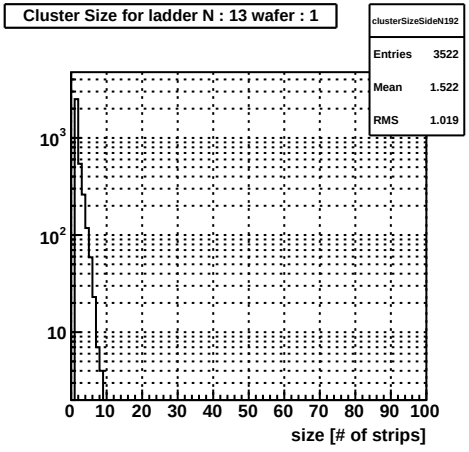

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 2631
Mean 1.521
RMS 0.9343
size [# of strips]

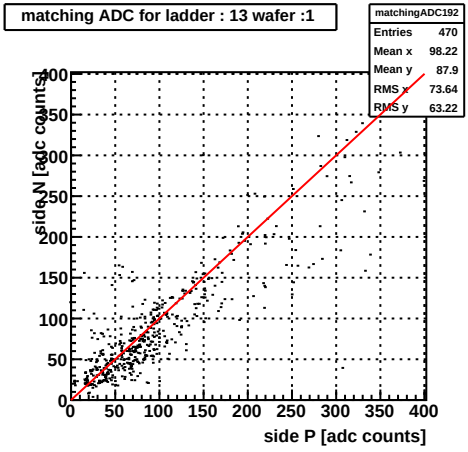

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 243
Mean x 39.66
Mean y 49.58
RMS x 35.98
RMS y 46.08
side N [adc counts]
side P [adc counts]

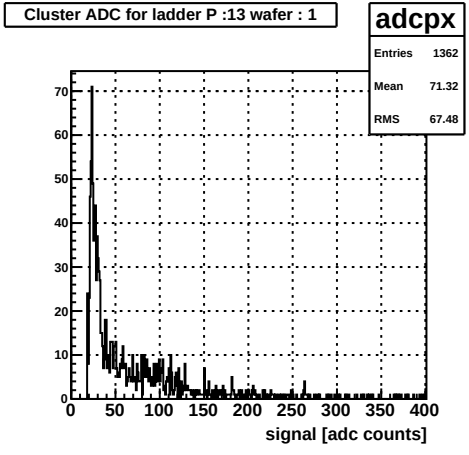

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 21467
Mean 25.34
RMS 11.9
signal [adc counts]

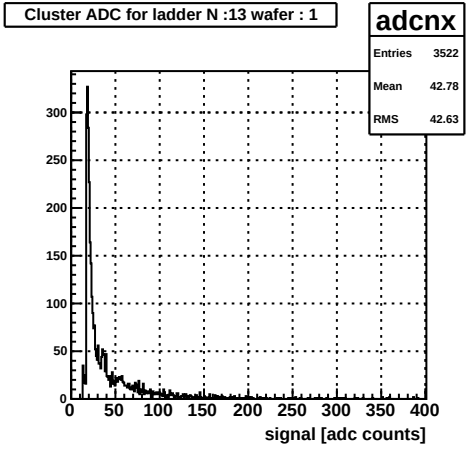

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 2631
Mean 48.33
RMS 45.8
signal [adc counts]

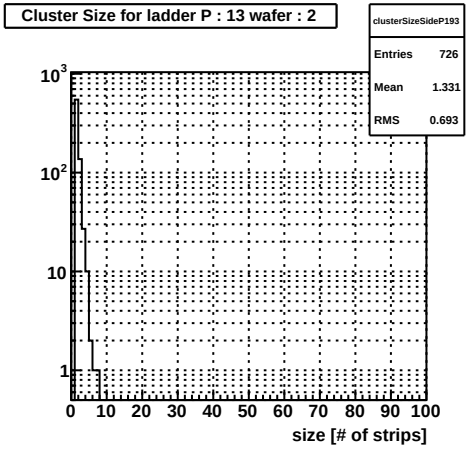

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 1362
Mean 1.405
RMS 0.7587
size [# of strips]

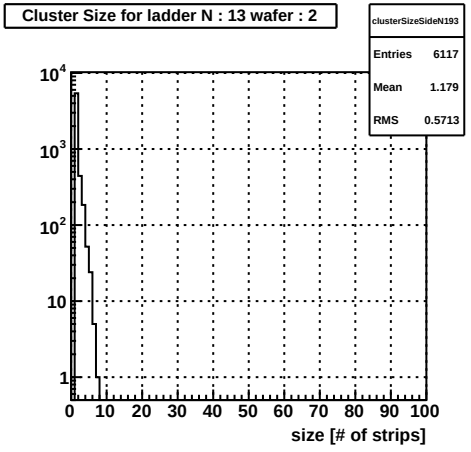

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 3522
Mean 1.522
RMS 1.019
size [# of strips]

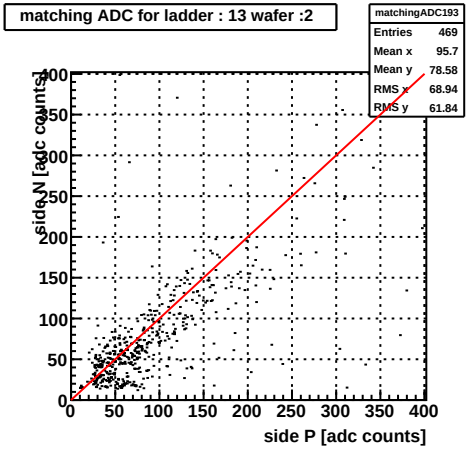

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 470
Mean x 98.22
Mean y 87.9
RMS x 73.64
RMS y 63.22
side N [adc counts]
side P [adc counts]

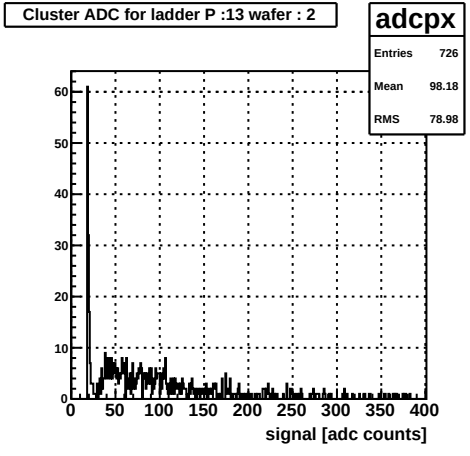

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 1362
Mean 71.32
RMS 67.48
signal [adc counts]

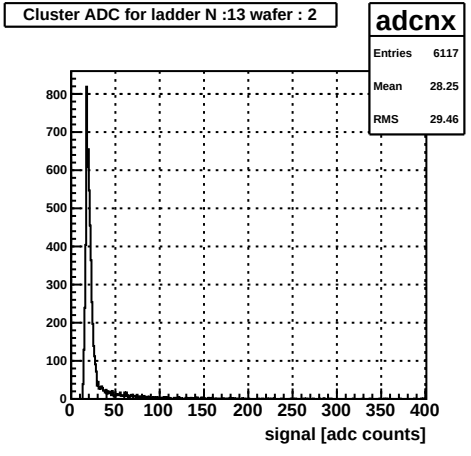

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 3522
Mean 42.78
RMS 42.63
signal [adc counts]

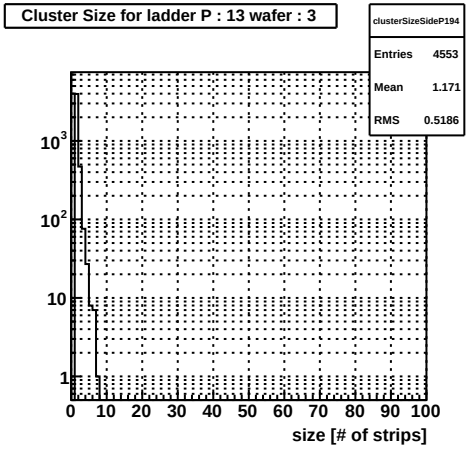

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 726
Mean 1.331
RMS 0.693
size [# of strips]

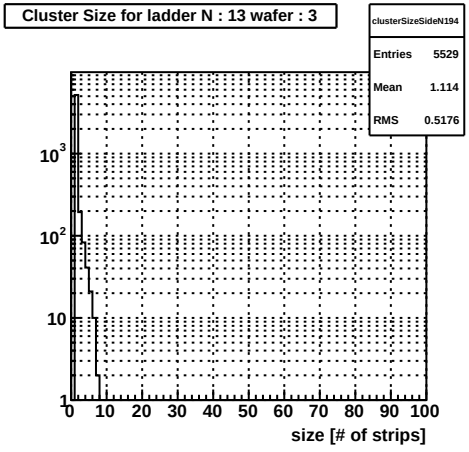

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 6117
Mean 1.179
RMS 0.5713
size [# of strips]

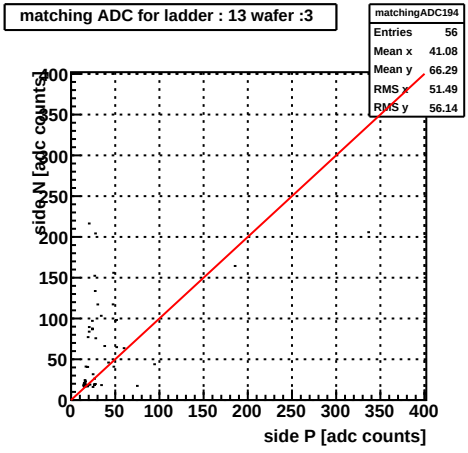

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 469
Mean x 95.7
Mean y 78.58
RMS x 68.94
RMS y 61.84
side N [adc counts]
side P [adc counts]

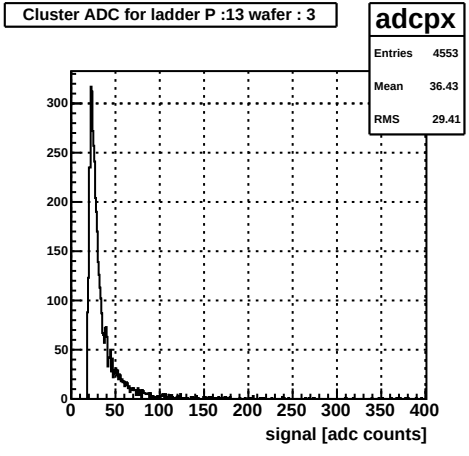

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 726
Mean 98.18
RMS 78.98
signal [adc counts]

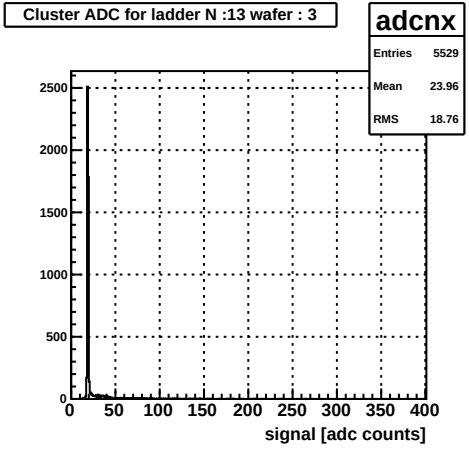

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 6117
Mean 28.25
RMS 29.46
signal [adc counts]

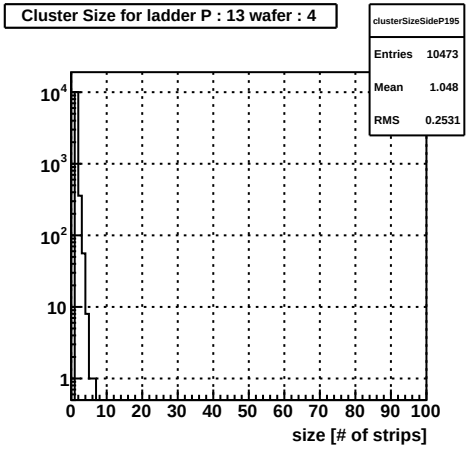

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 4553
Mean 1.171
RMS 0.5186
size [# of strips]

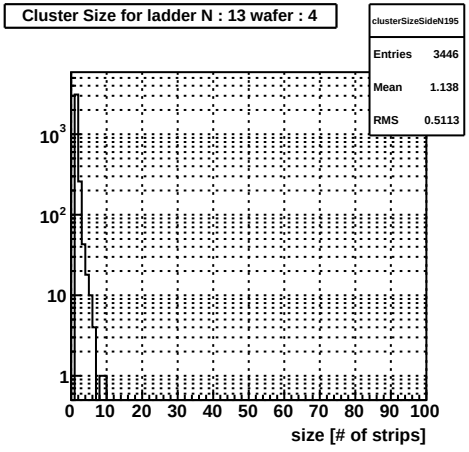

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 5529
Mean 1.114
RMS 0.5176
size [# of strips]

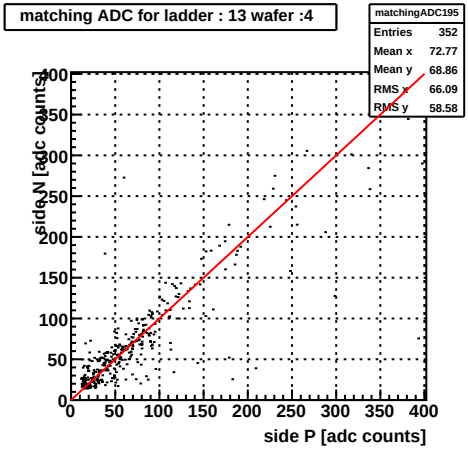

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 56
Mean x 41.08
Mean y 66.29
RMS x 51.49
RMS y 56.14
side N [adc counts]
side P [adc counts]

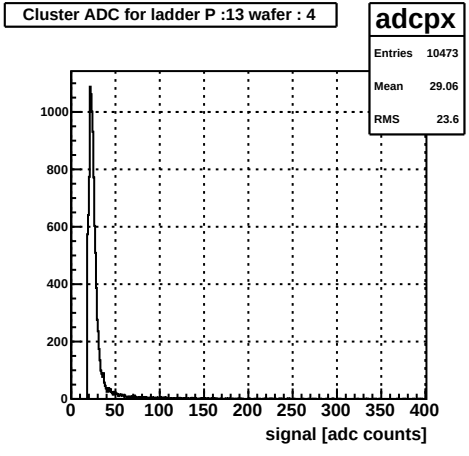

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 4553
Mean 36.43
RMS 29.41
signal [adc counts]

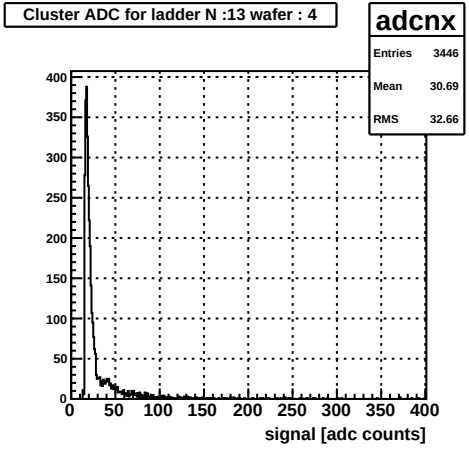

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 5529
Mean 23.96
RMS 18.76
signal [adc counts]

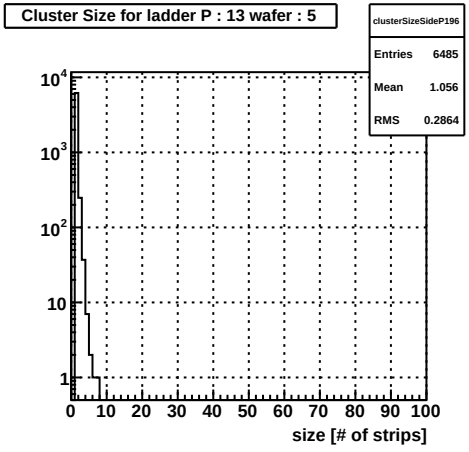

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 10473
Mean 1.048
RMS 0.2531
size [# of strips]

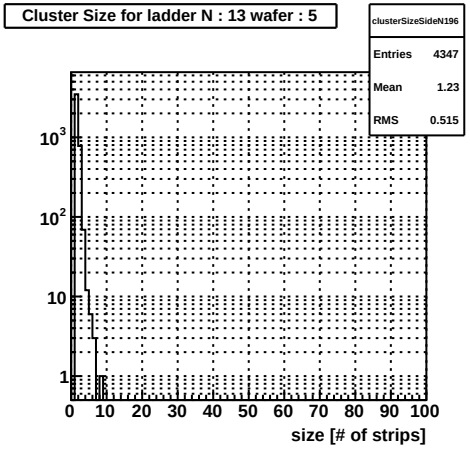

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 3446
Mean 1.138
RMS 0.5113
size [# of strips]

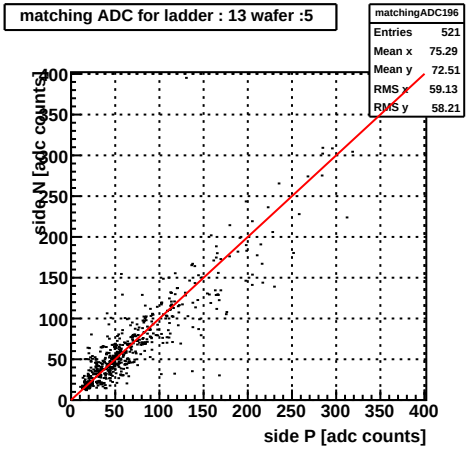

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 352
Mean x 72.77
Mean y 68.86
RMS x 66.09
RMS y 58.58
side N [adc counts]
side P [adc counts]

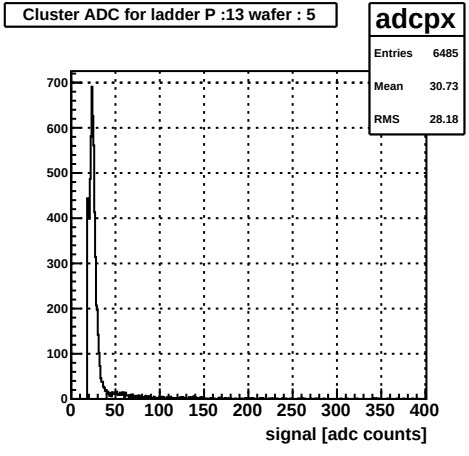

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 10473
Mean 29.06
RMS 23.6
signal [adc counts]

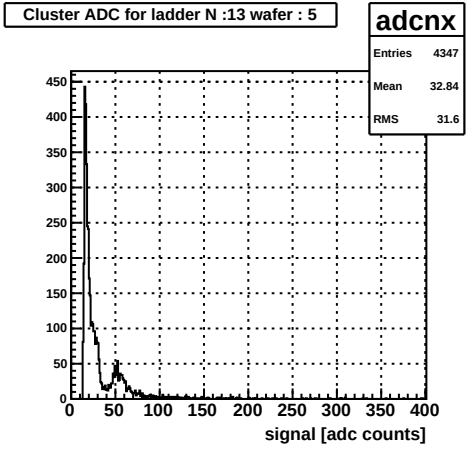

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 3446
Mean 30.69
RMS 32.66
signal [adc counts]

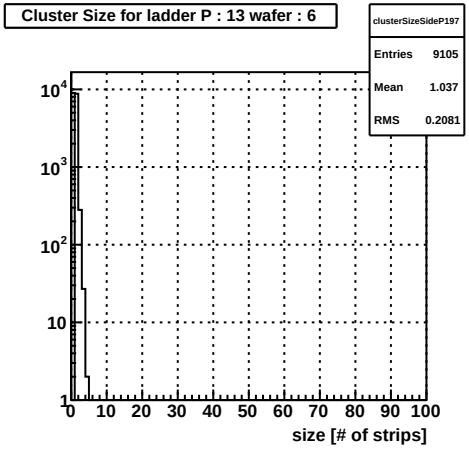

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 6485
Mean 1.056
RMS 0.2864
size [# of strips]

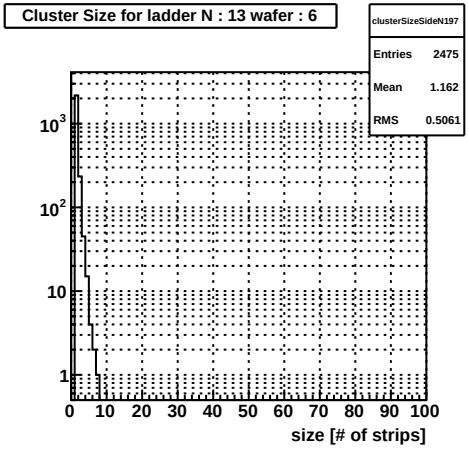

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 4347
Mean 1.23
RMS 0.515
size [# of strips]

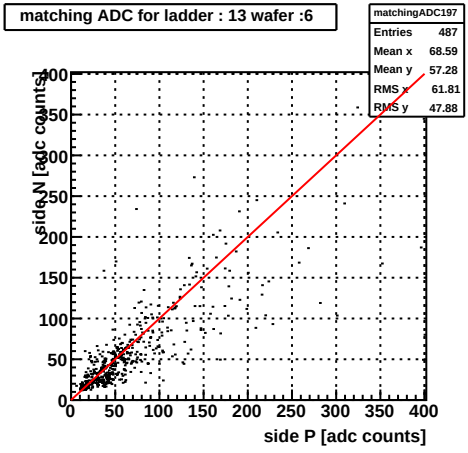

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 521
Mean x 75.29
Mean y 72.51
RMS x 59.13
RMS y 58.21
side N [adc counts]
side P [adc counts]

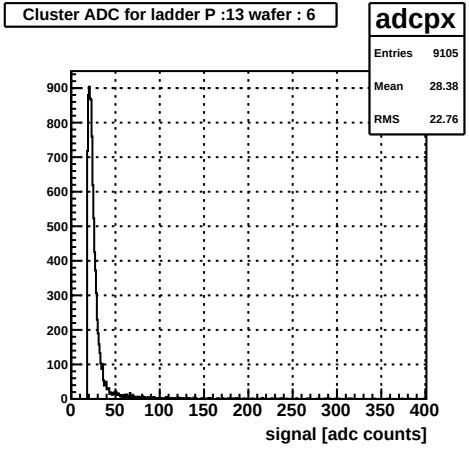

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 6485
Mean 30.73
RMS 28.18
signal [adc counts]

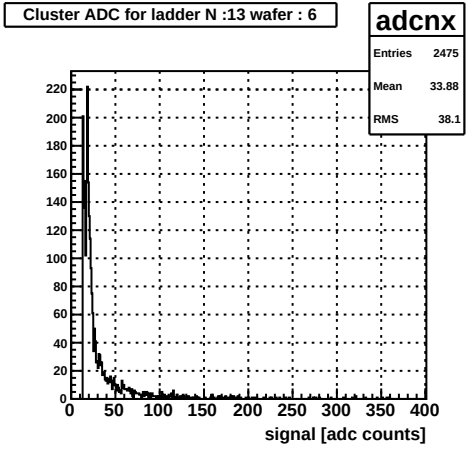

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 4347
Mean 32.84
RMS 31.6
signal [adc counts]

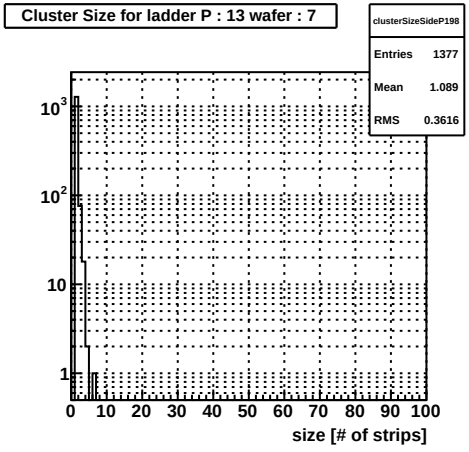

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 9105
Mean 1.037
RMS 0.2081
size [# of strips]

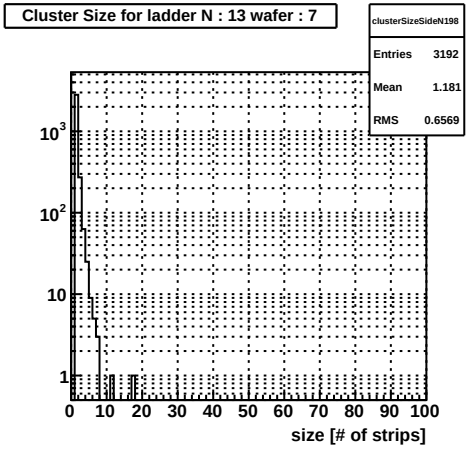

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 2475
Mean 1.162
RMS 0.5061
size [# of strips]

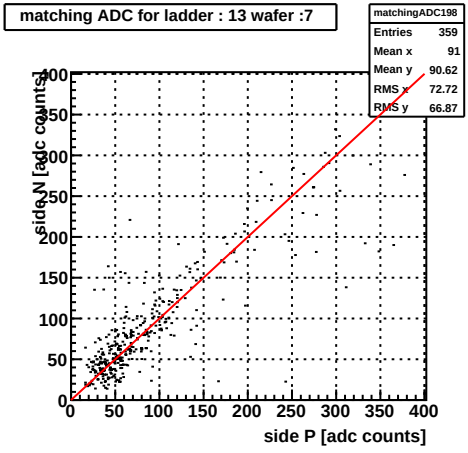

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 487
Mean x 68.59
Mean y 57.28
RMS x 61.81
RMS y 47.88
side N [adc counts]
side P [adc counts]

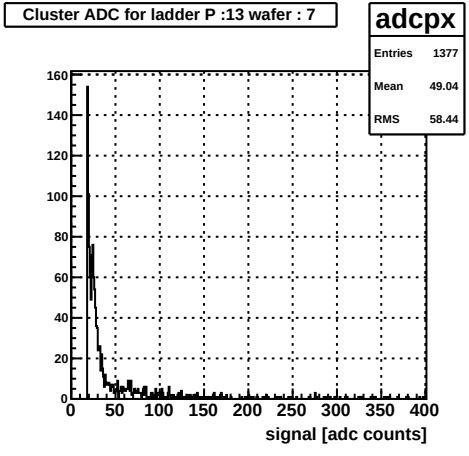

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 9105
Mean 28.38
RMS 22.76
signal [adc counts]

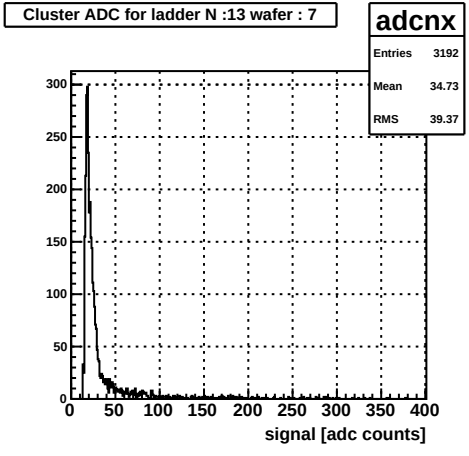

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 2475
Mean 33.88
RMS 38.1
signal [adc counts]

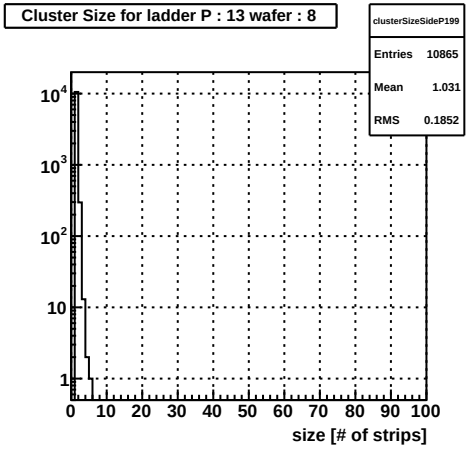

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 1377
Mean 1.089
RMS 0.3616
size [# of strips]

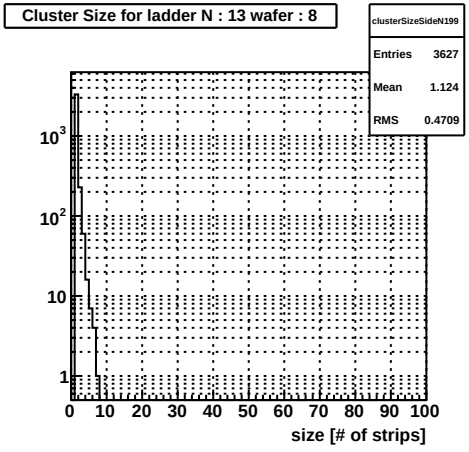

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 3192
Mean 1.181
RMS 0.6569
size [# of strips]

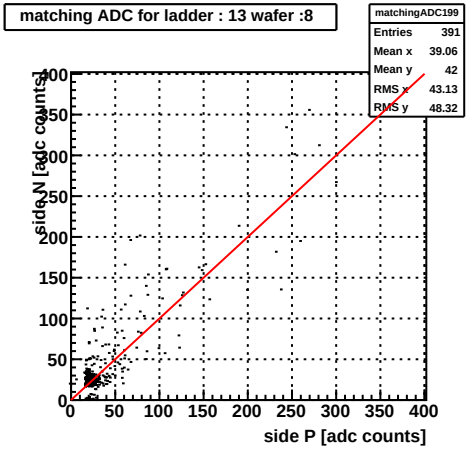

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 359
Mean x 91
Mean y 90.62
RMS x 72.72
RMS y 66.87
side N [adc counts]
side P [adc counts]

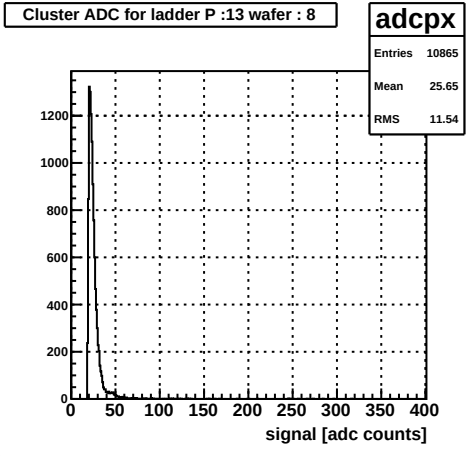

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 1377
Mean 49.04
RMS 58.44
signal [adc counts]

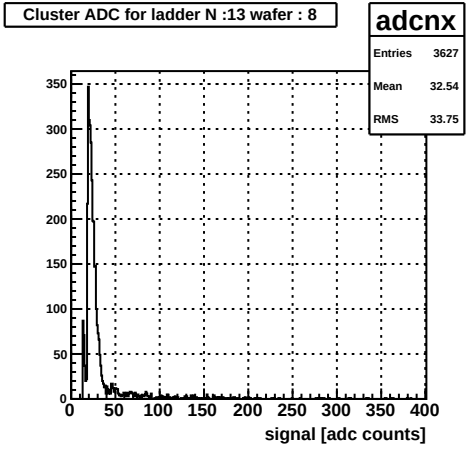

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 3192
Mean 34.73
RMS 39.37
signal [adc counts]

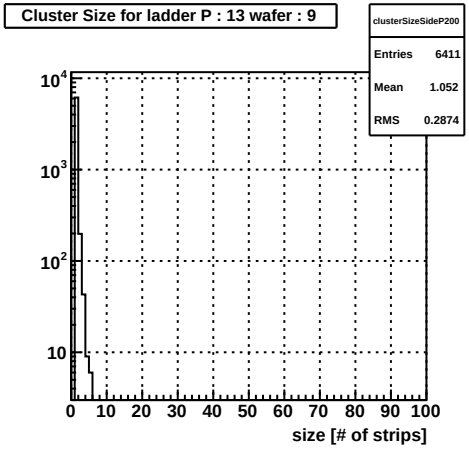

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 10865
Mean 1.031
RMS 0.1852
size [# of strips]

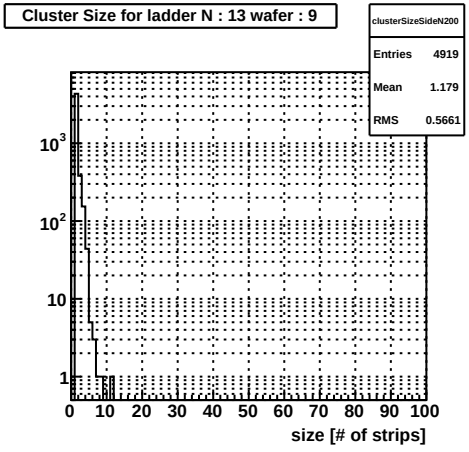

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 3627
Mean 1.124
RMS 0.4709
size [# of strips]

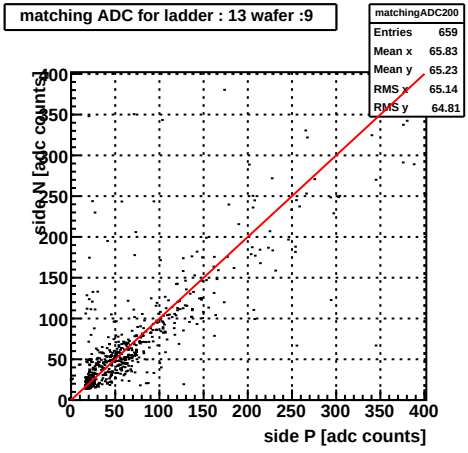

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 391
Mean x 39.06
Mean y 42
RMS x 43.13
RMS y 48.32
side N [adc counts]
side P [adc counts]

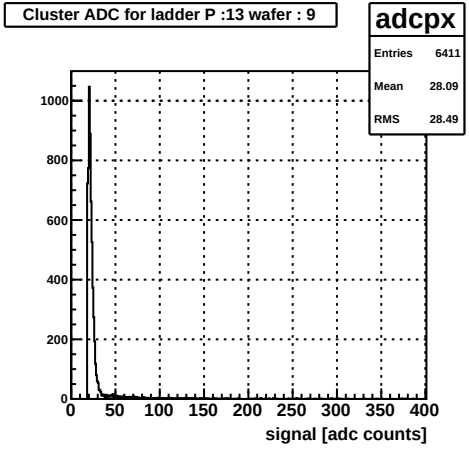

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 10865
Mean 25.65
RMS 11.54
signal [adc counts]

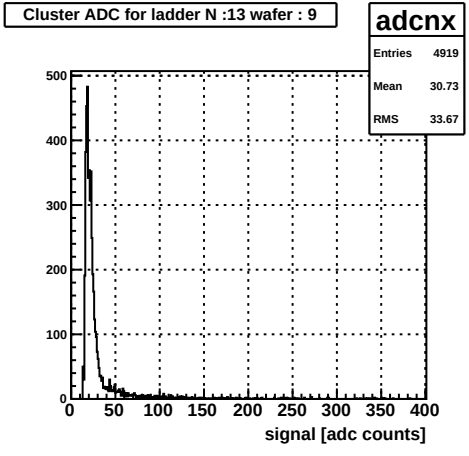

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 3627
Mean 32.54
RMS 33.75
signal [adc counts]

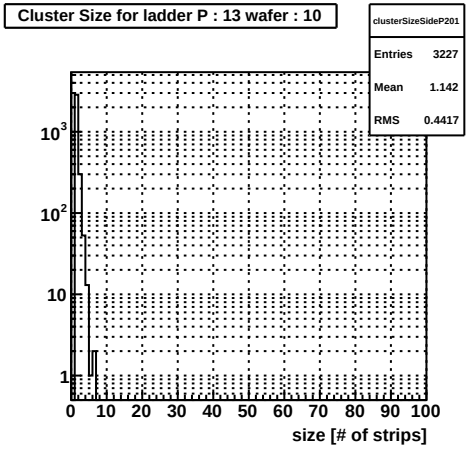

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 6411
Mean 1.052
RMS 0.2874
size [# of strips]

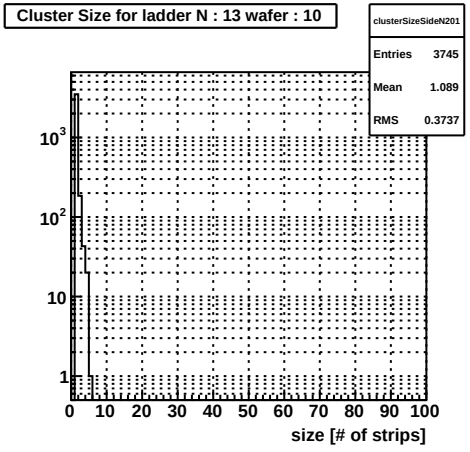

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 4919
Mean 1.179
RMS 0.5661
size [# of strips]

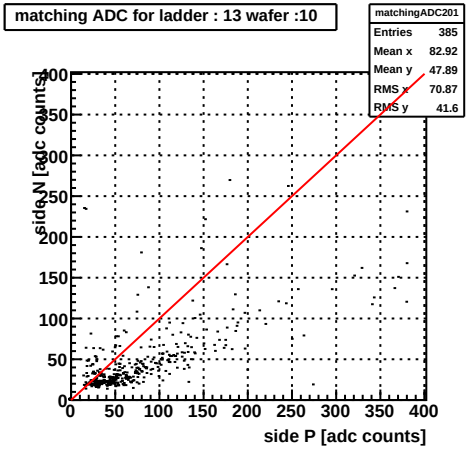

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 659
Mean x 65.83
Mean y 65.23
RMS x 65.14
RMS y 64.81
side N [adc counts]
side P [adc counts]

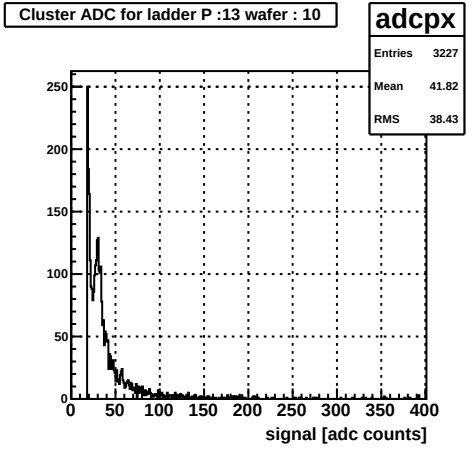

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 6411
Mean 28.09
RMS 28.49
signal [adc counts]

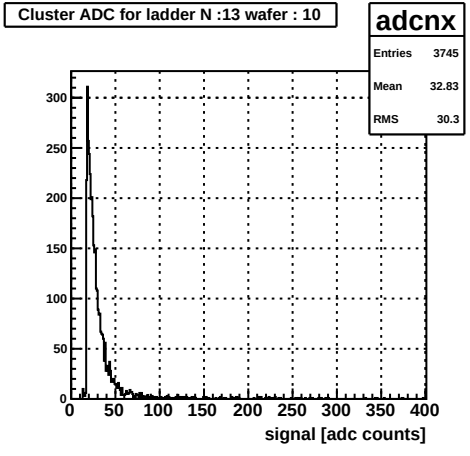

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 4919
Mean 30.73
RMS 33.67
signal [adc counts]

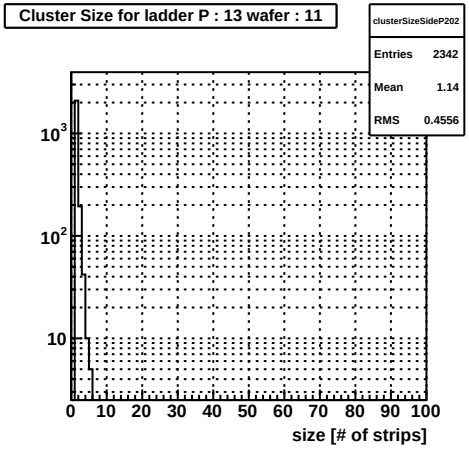

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 3227
Mean 1.142
RMS 0.4417
size [# of strips]

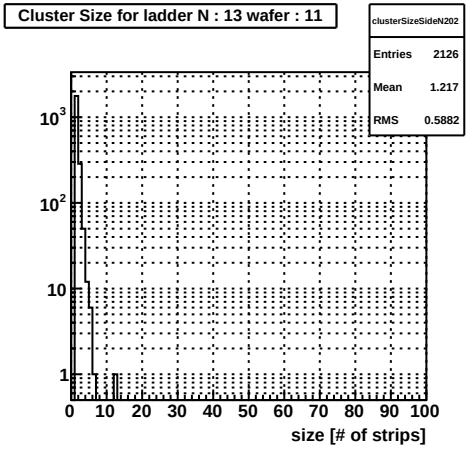

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 3745
Mean 1.089
RMS 0.3737
size [# of strips]

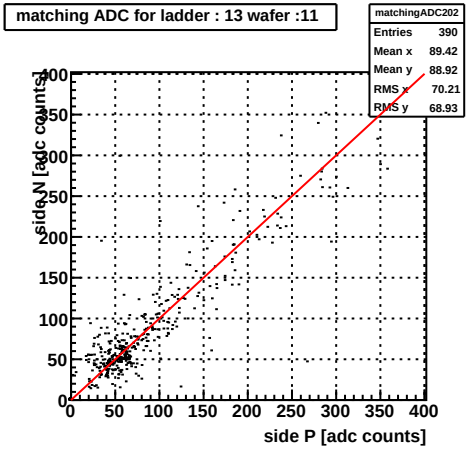

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 385
Mean x 82.92
Mean y 47.89
RMS x 70.87
RMS y 41.6
side N [adc counts]
side P [adc counts]

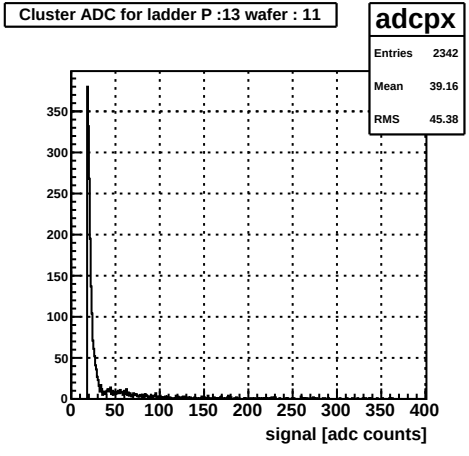

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 3227
Mean 41.82
RMS 38.43
signal [adc counts]

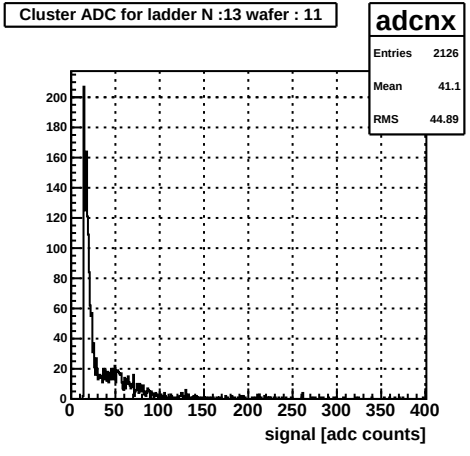

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 3745
Mean 32.83
RMS 30.3
signal [adc counts]

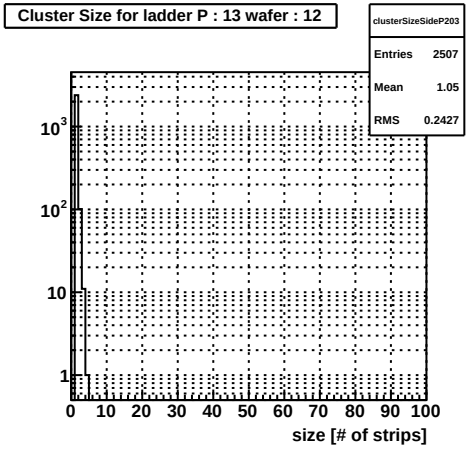

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 2342
Mean 1.14
RMS 0.4556
size [# of strips]

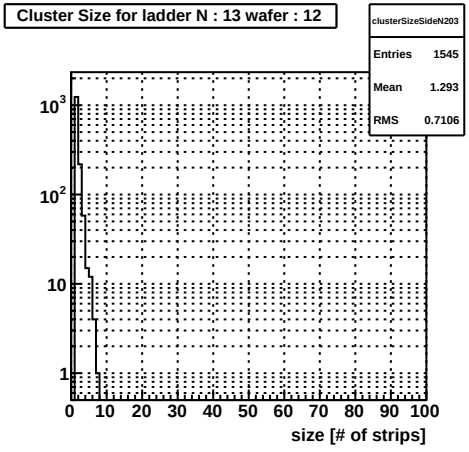

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 2126
Mean 1.217
RMS 0.5882
size [# of strips]

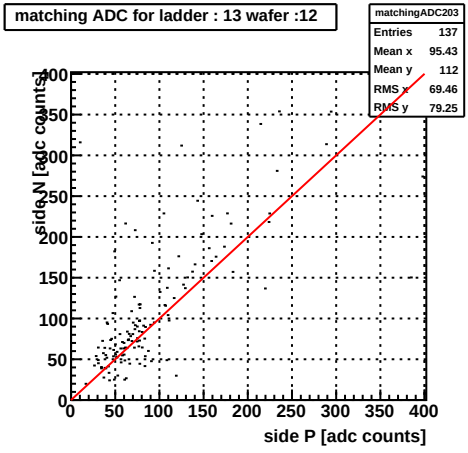

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 390
Mean x 89.42
Mean y 88.92
RMS x 70.21
RMS y 68.93
side N [adc counts]
side P [adc counts]

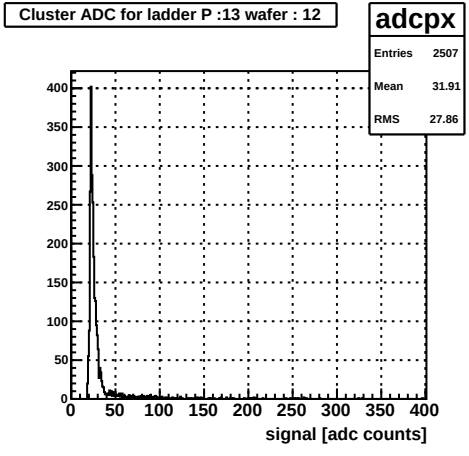

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 2342
Mean 39.16
RMS 45.38
signal [adc counts]

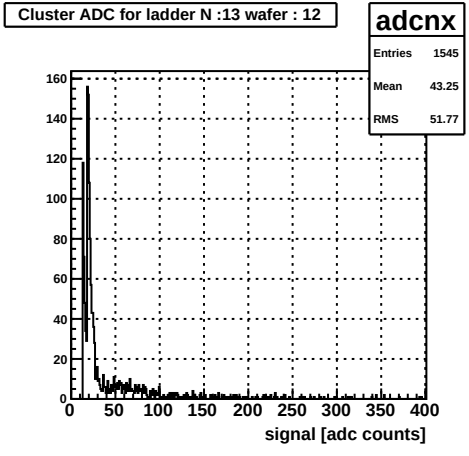

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 2126
Mean 41.1
RMS 44.89
signal [adc counts]

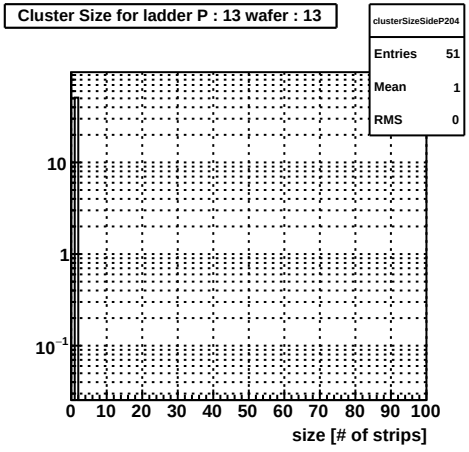

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 2507
Mean 1.05
RMS 0.2427
size [# of strips]

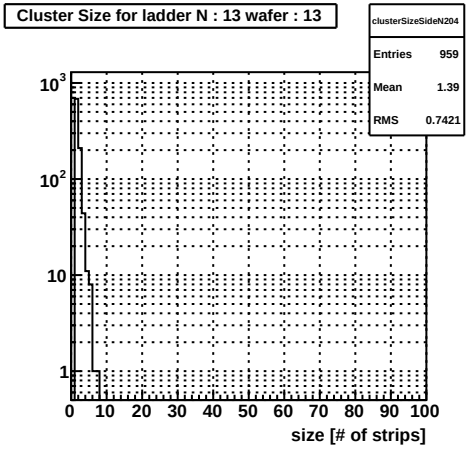

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 1545
Mean 1.293
RMS 0.7106
size [# of strips]

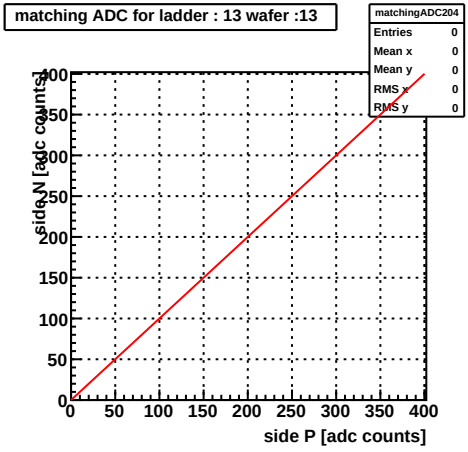

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 137
Mean x 95.43
Mean y 112
RMS x 69.46
RMS y 79.25
side N [adc counts]
side P [adc counts]

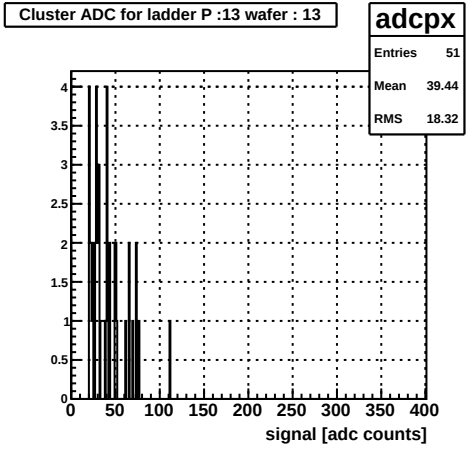

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 2507
Mean 31.91
RMS 27.86
signal [adc counts]

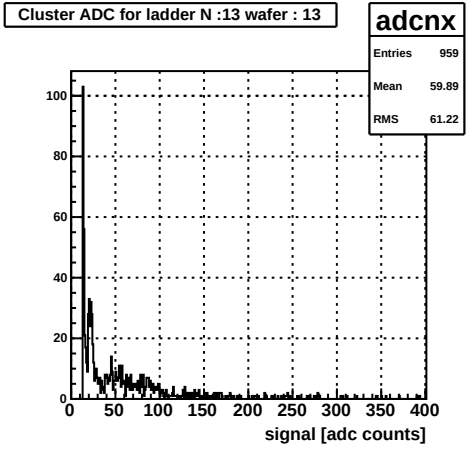

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 1545
Mean 43.25
RMS 51.77
signal [adc counts]

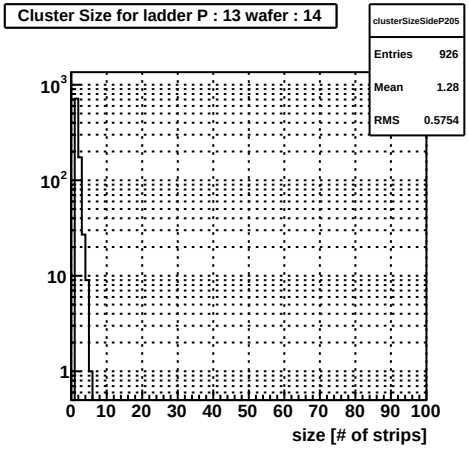

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 51
Mean 1
RMS 0
size [# of strips]

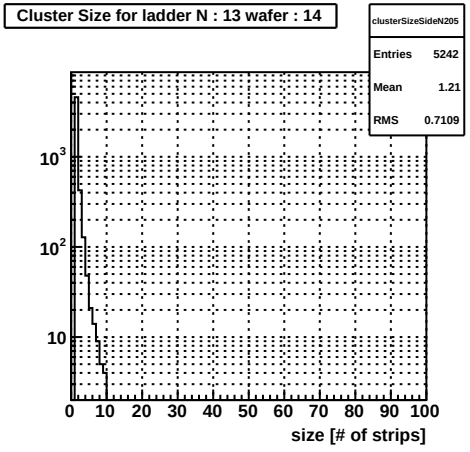

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 959
Mean 1.39
RMS 0.7421
size [# of strips]

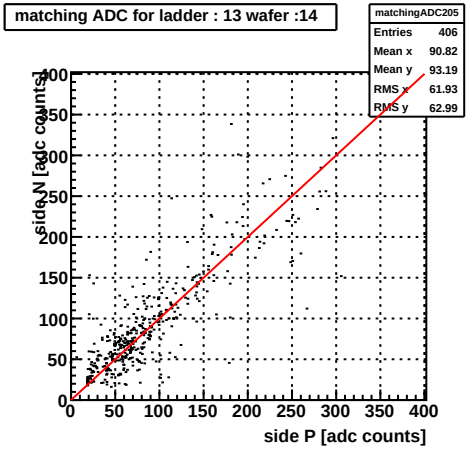

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

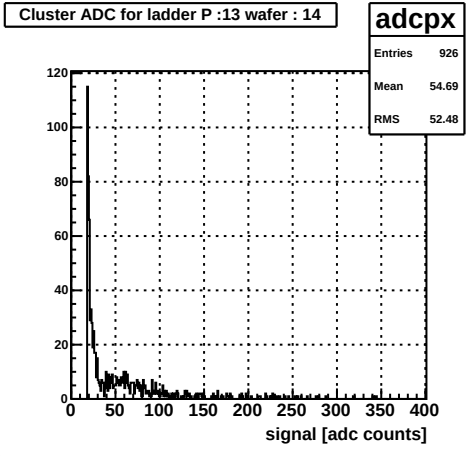

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 51
Mean 39.44
RMS 18.32
signal [adc counts]

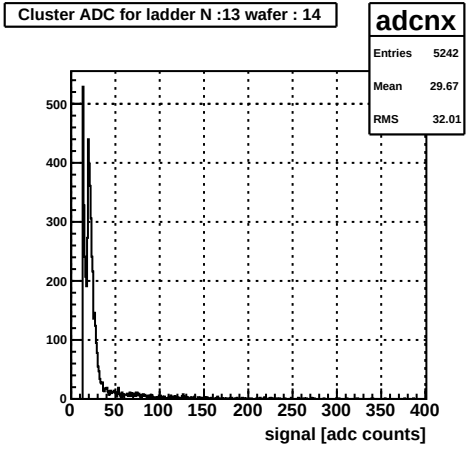

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 959
Mean 59.89
RMS 61.22
signal [adc counts]

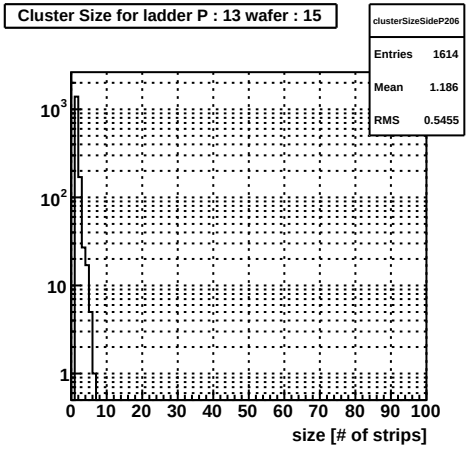

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 926
Mean 1.28
RMS 0.5754
size [# of strips]

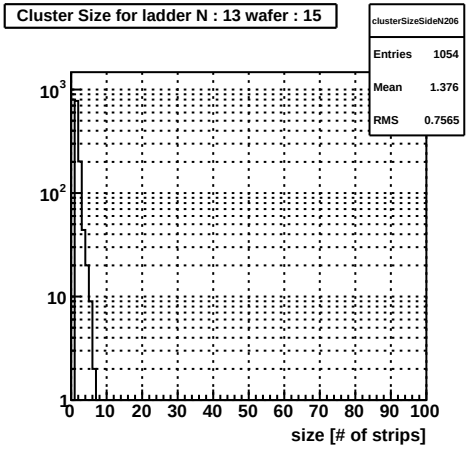

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 5242
Mean 1.21
RMS 0.7109
size [# of strips]

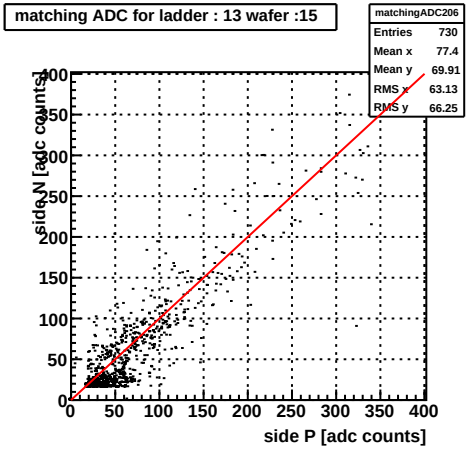

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 406
Mean x 90.82
Mean y 93.19
RMS x 61.93
RMS y 62.99
side N [adc counts]
side P [adc counts]

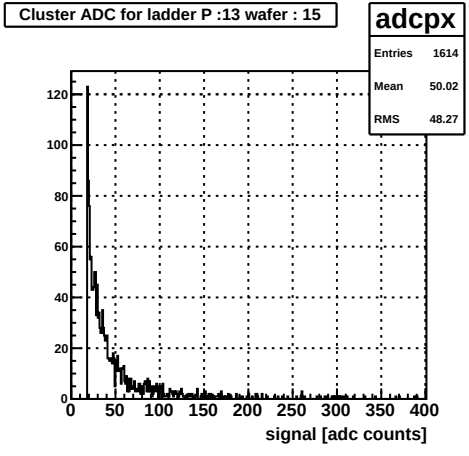

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 926
Mean 54.69
RMS 52.48
signal [adc counts]

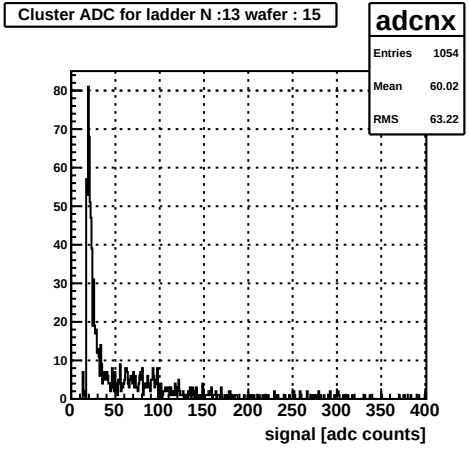

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 5242
Mean 29.67
RMS 32.01
signal [adc counts]

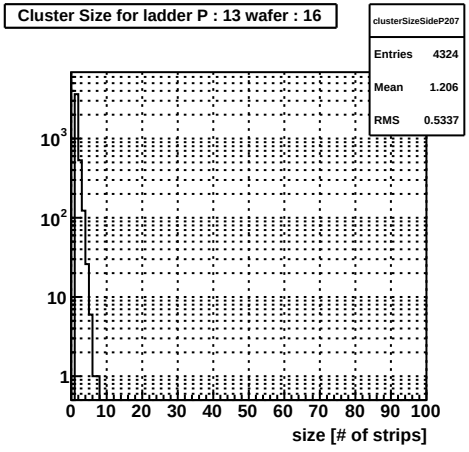

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 1614
Mean 1.186
RMS 0.5455
size [# of strips]

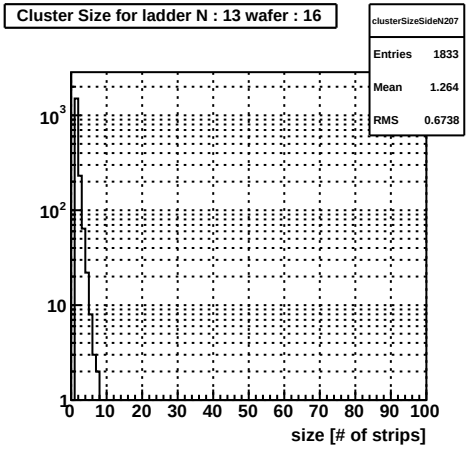

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 1054
Mean 1.376
RMS 0.7565
size [# of strips]

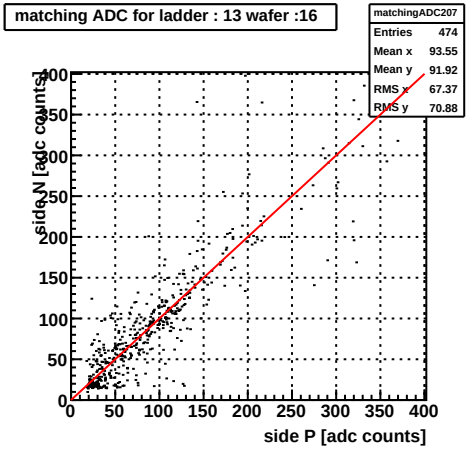

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 730
Mean x 77.4
Mean y 69.91
RMS x 63.13
RMS y 66.25
side N [adc counts]
side P [adc counts]

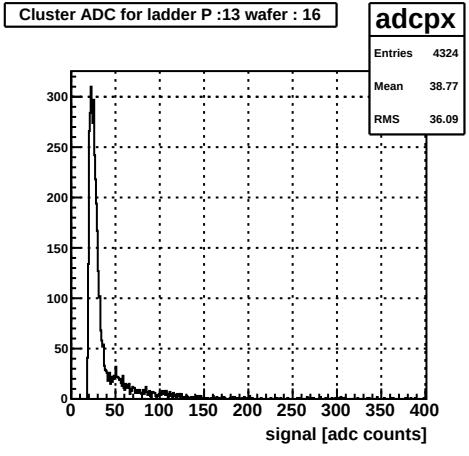

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 1614
Mean 50.02
RMS 48.27
signal [adc counts]

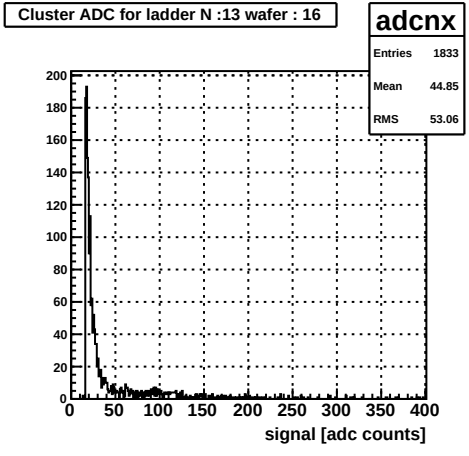

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 1054
Mean 60.02
RMS 63.22
signal [adc counts]

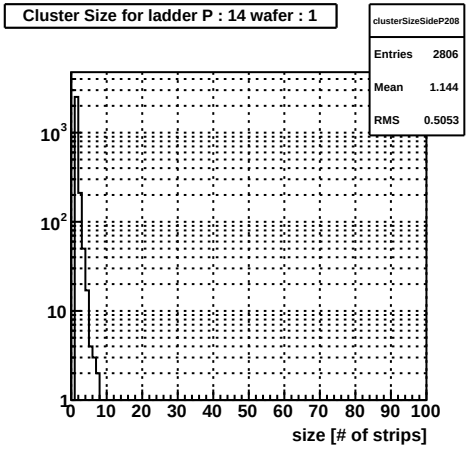

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 4324
Mean 1.206
RMS 0.5337
size [# of strips]

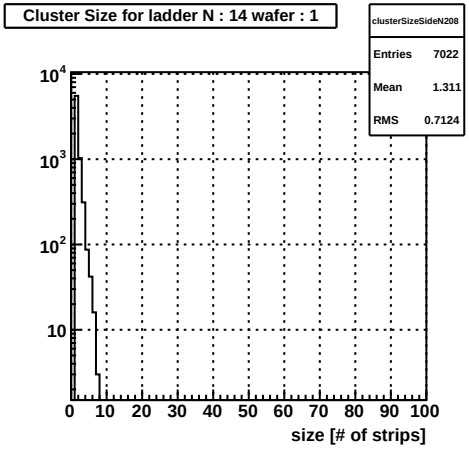

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 1833
Mean 1.264
RMS 0.6738
size [# of strips]

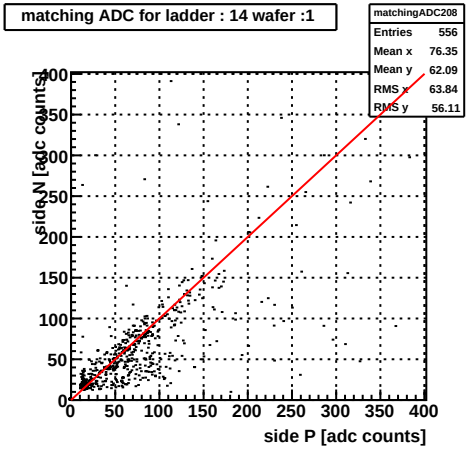

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 474
Mean x 93.55
Mean y 91.92
RMS x 67.37
RMS y 70.88
side N [adc counts]
side P [adc counts]

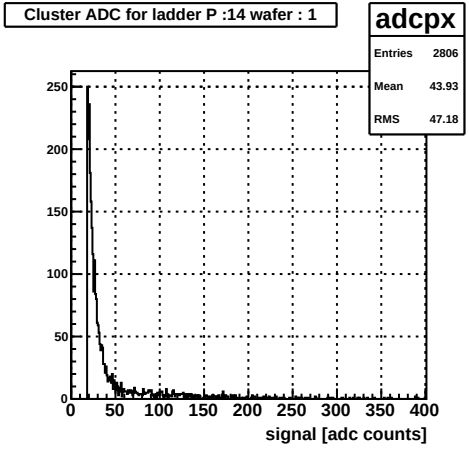

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 4324
Mean 38.77
RMS 36.09
signal [adc counts]

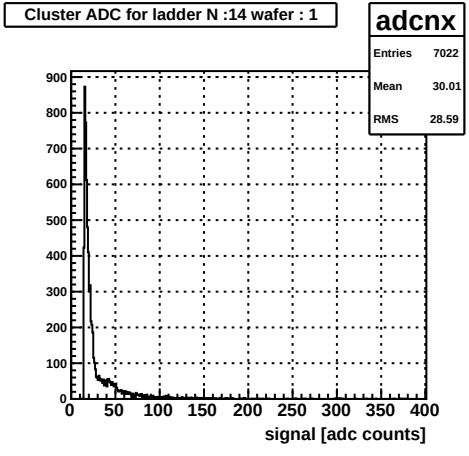

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 1833
Mean 44.85
RMS 53.06
signal [adc counts]

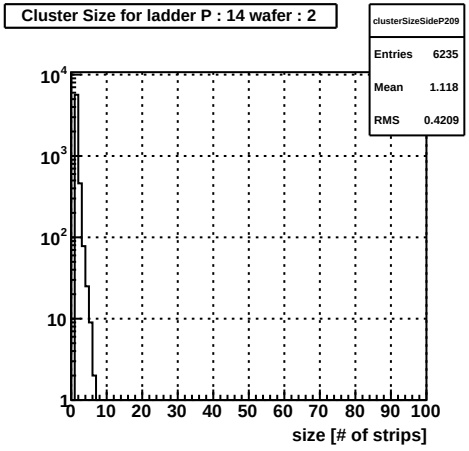

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 2806
Mean 1.144
RMS 0.5053
size [# of strips]

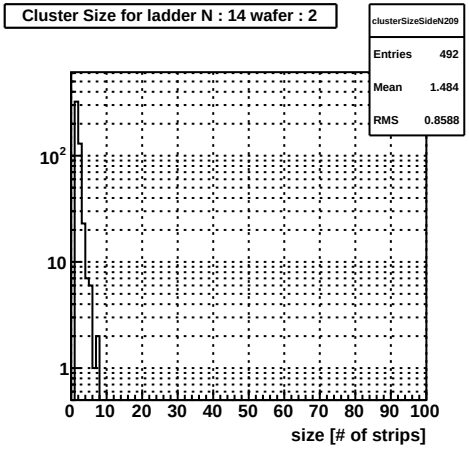

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 7022
Mean 1.311
RMS 0.7124
size [# of strips]

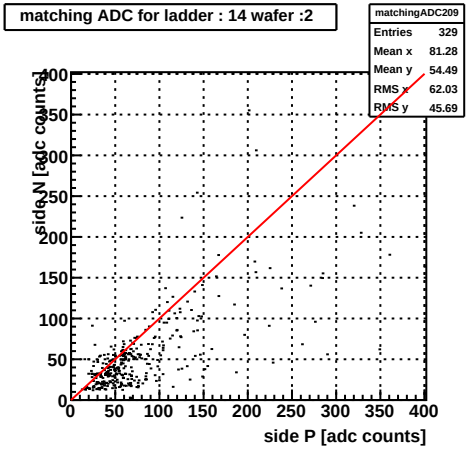

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 556
Mean x 76.35
Mean y 62.09
RMS x 63.84
RMS y 56.11
side N [adc counts]
side P [adc counts]

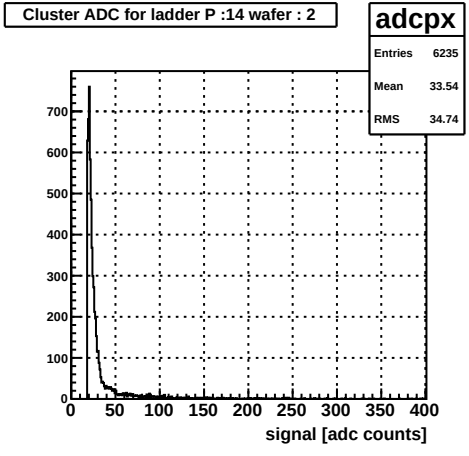

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 2806
Mean 43.93
RMS 47.18
signal [adc counts]

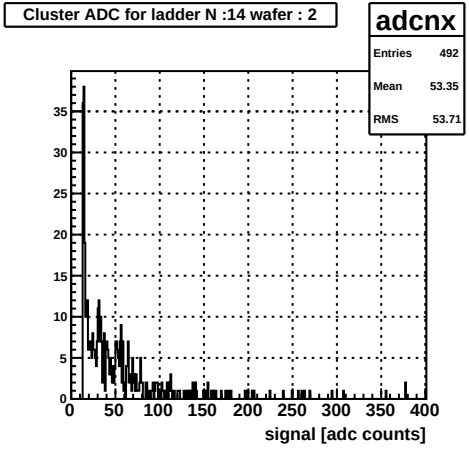

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 7022
Mean 30.01
RMS 28.59
signal [adc counts]

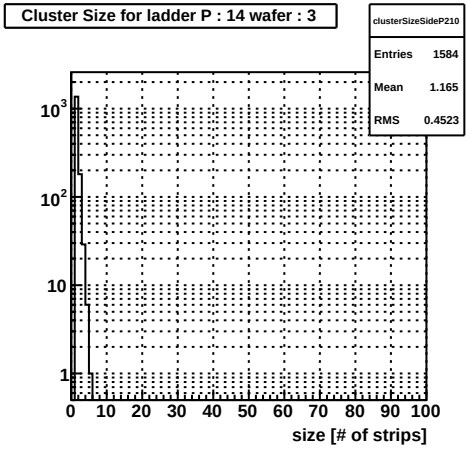

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 6235
Mean 1.118
RMS 0.4209
size [# of strips]

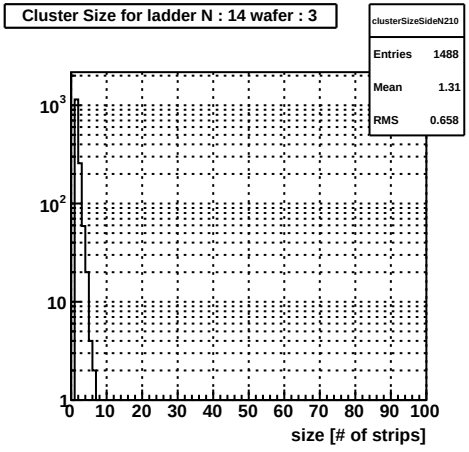

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 492
Mean 1.484
RMS 0.8588
size [# of strips]

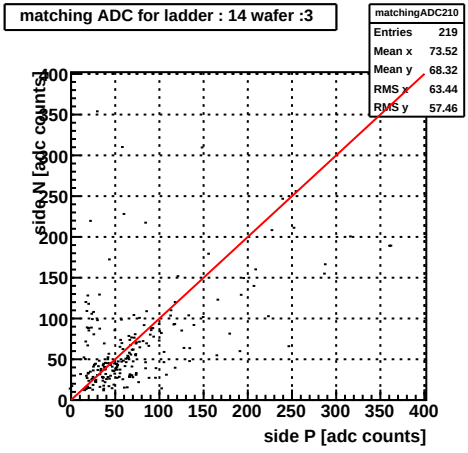

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 329
Mean x 81.28
Mean y 54.49
RMS x 62.03
RMS y 45.69
side N [adc counts]
side P [adc counts]

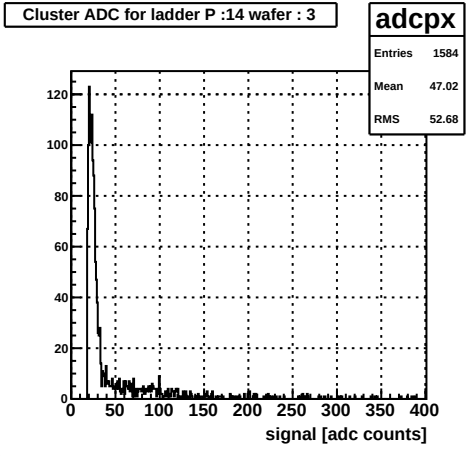

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 6235
Mean 33.54
RMS 34.74
signal [adc counts]

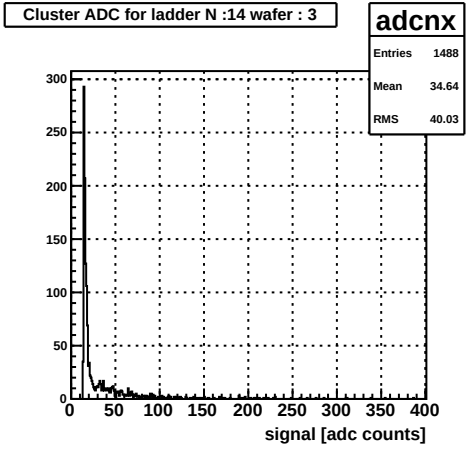

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 492
Mean 53.35
RMS 53.71
signal [adc counts]

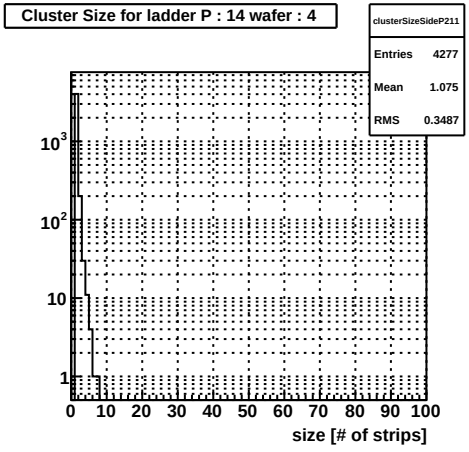

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 1584
Mean 1.165
RMS 0.4523
size [# of strips]

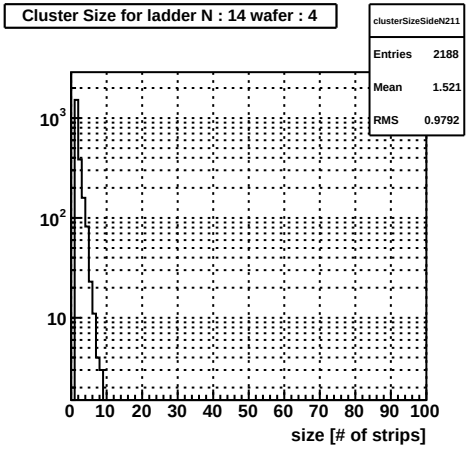

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 1488
Mean 1.31
RMS 0.658
size [# of strips]

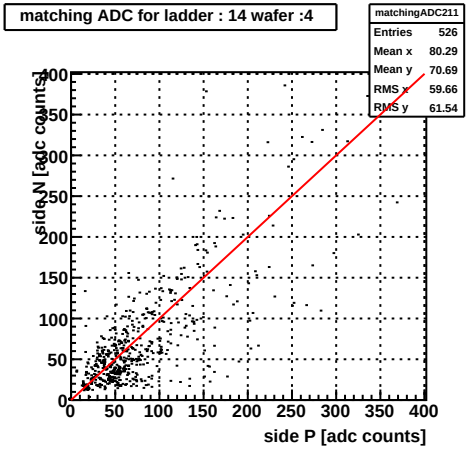

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 219
Mean x 73.52
Mean y 68.32
RMS x 63.44
RMS y 57.46
side N [adc counts]
side P [adc counts]

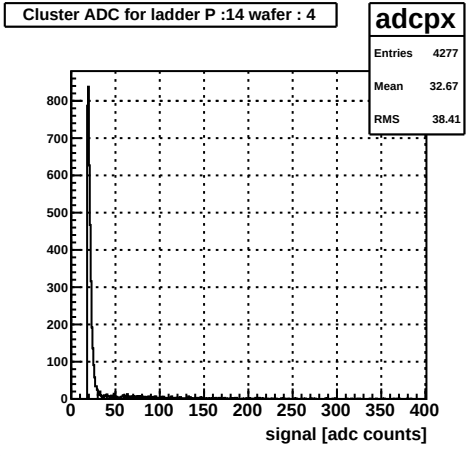

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 1584
Mean 47.02
RMS 52.68
signal [adc counts]

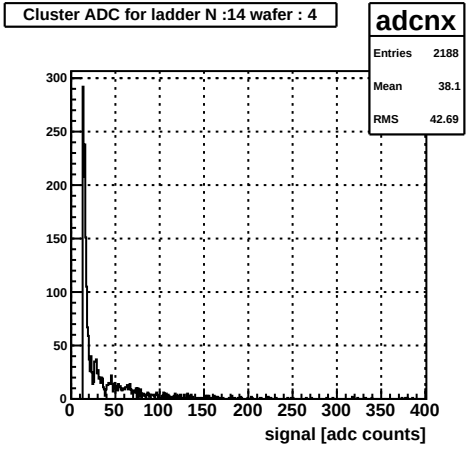

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 1488
Mean 34.64
RMS 40.03
signal [adc counts]

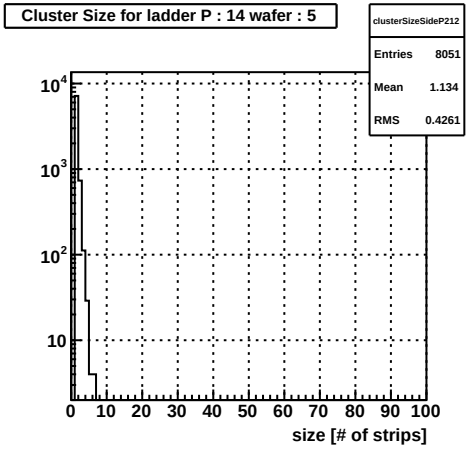

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 4277
Mean 1.075
RMS 0.3487
size [# of strips]

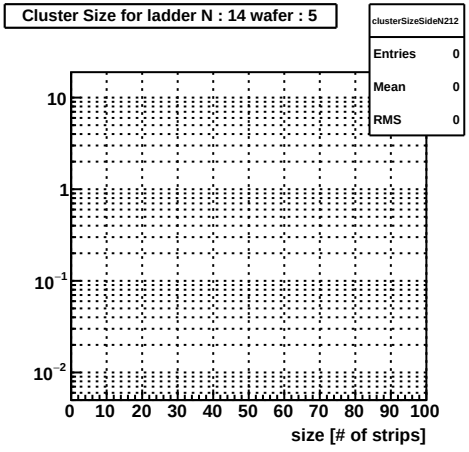

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 2188
Mean 1.521
RMS 0.9792
size [# of strips]

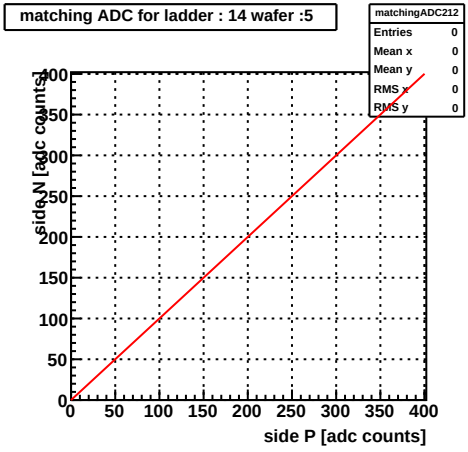

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 526
Mean x 80.29
Mean y 70.69
RMS x 59.66
RMS y 61.54
side N [adc counts]
side P [adc counts]

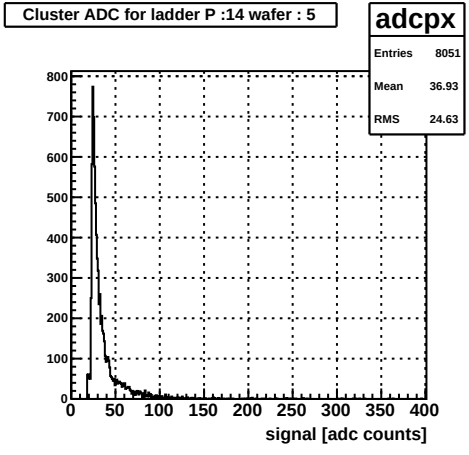

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 4277
Mean 32.67
RMS 38.41
signal [adc counts]

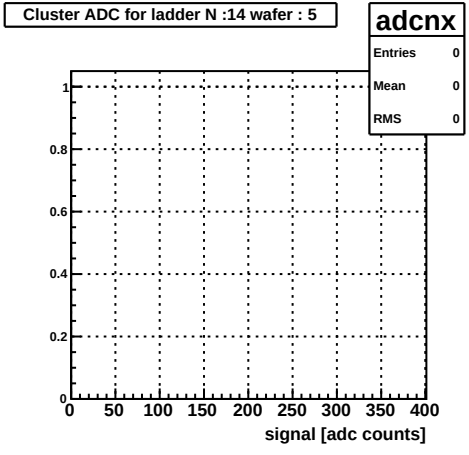

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 2188
Mean 38.1
RMS 42.69
signal [adc counts]

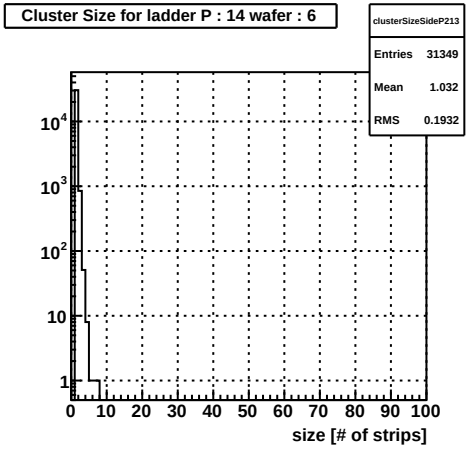

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 8051
Mean 1.134
RMS 0.4261
size [# of strips]

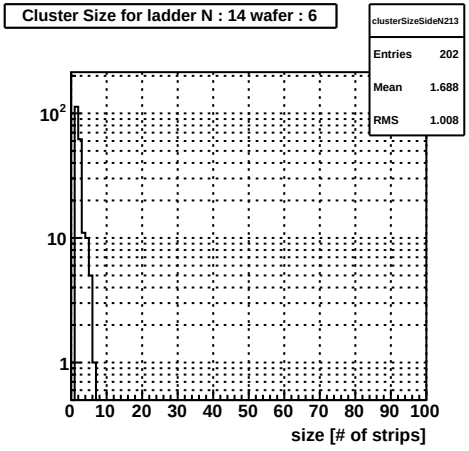

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

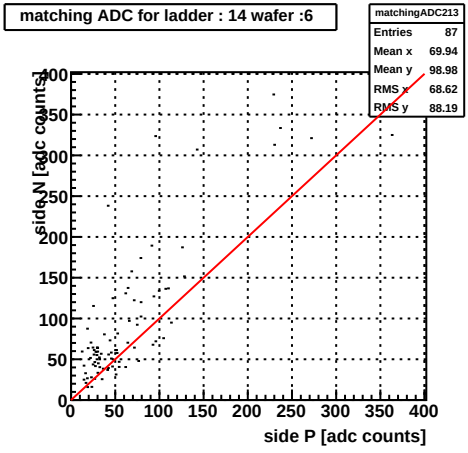

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

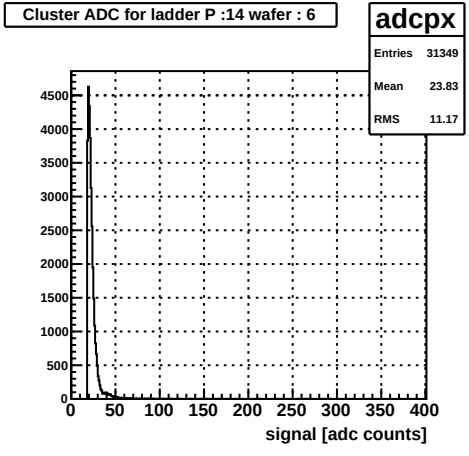

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 8051
Mean 36.93
RMS 24.63
signal [adc counts]

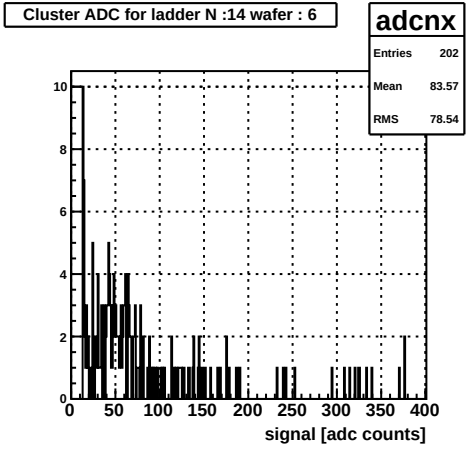

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

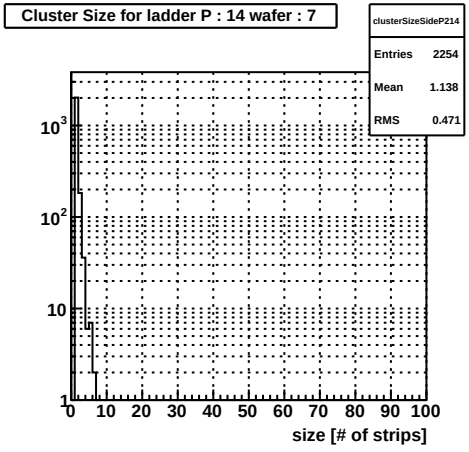

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 31349
Mean 1.032
RMS 0.1932
size [# of strips]

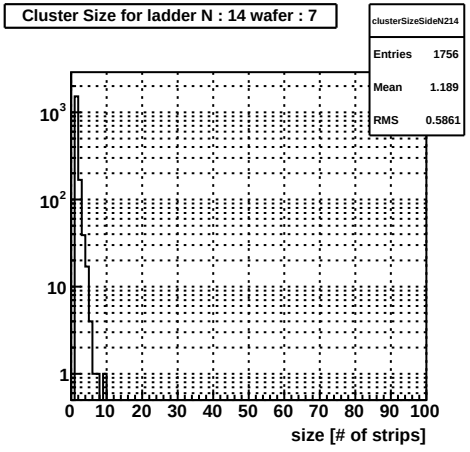

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 202
Mean 1.688
RMS 1.008
size [# of strips]

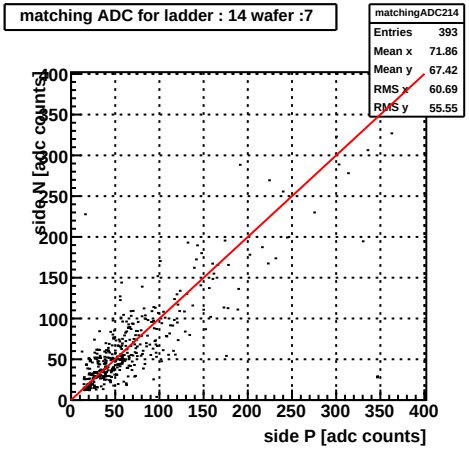

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 87
Mean x 69.94
Mean y 98.98
RMS x 68.62
RMS y 88.19
side N [adc counts]
side P [adc counts]

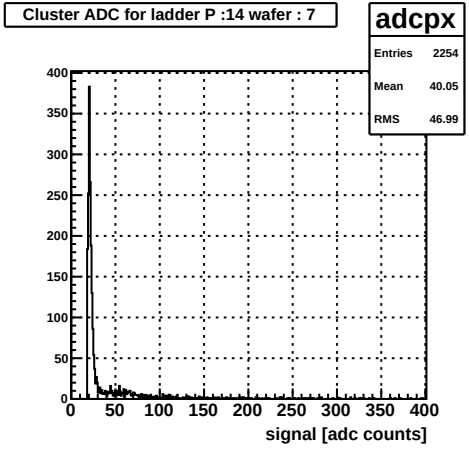

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 31349
Mean 23.83
RMS 11.17
signal [adc counts]

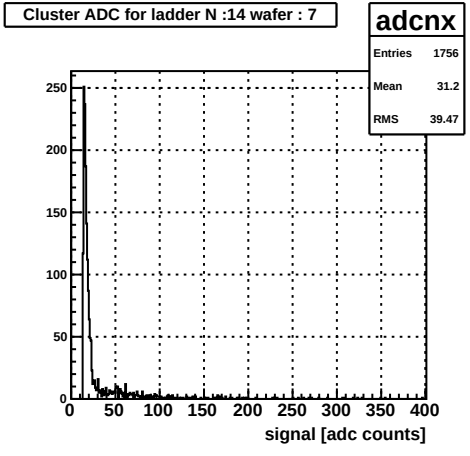

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 202
Mean 83.57
RMS 78.54
signal [adc counts]

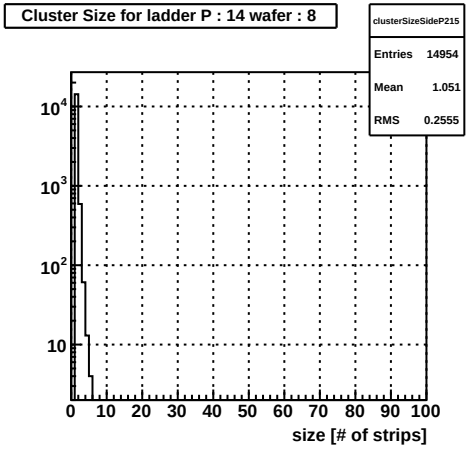

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 2254
Mean 1.138
RMS 0.471
size [# of strips]

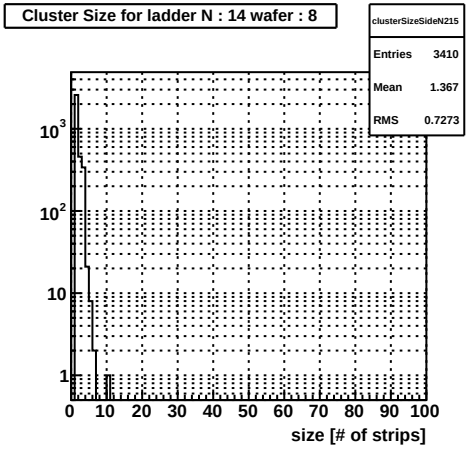

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 1756
Mean 1.189
RMS 0.5861
size [# of strips]

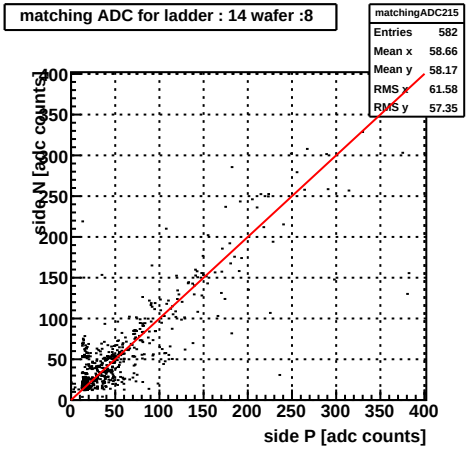

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 393
Mean x 71.86
Mean y 67.42
RMS x 60.69
RMS y 55.55
side N [adc counts]
side P [adc counts]

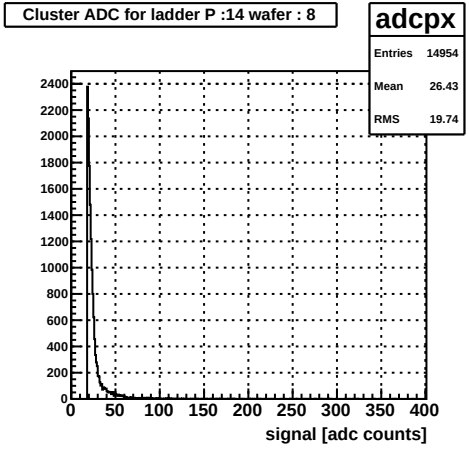

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 2254
Mean 40.05
RMS 46.99
signal [adc counts]

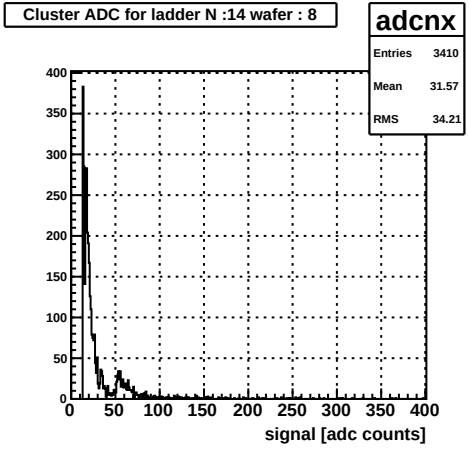

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 1756
Mean 31.2
RMS 39.47
signal [adc counts]

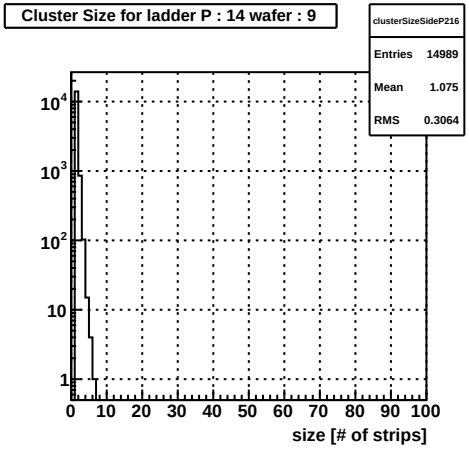

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 14954
Mean 1.051
RMS 0.2555
size [# of strips]

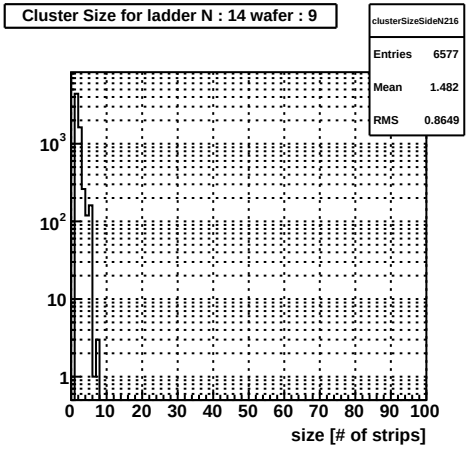

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 3410
Mean 1.367
RMS 0.7273
size [# of strips]

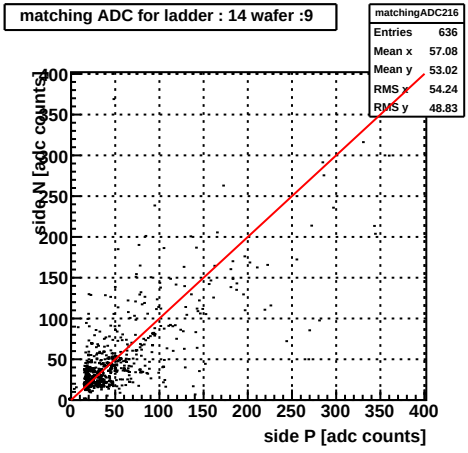

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 582
Mean x 58.66
Mean y 58.17
RMS x 61.58
RMS y 57.35
side N [adc counts]
side P [adc counts]

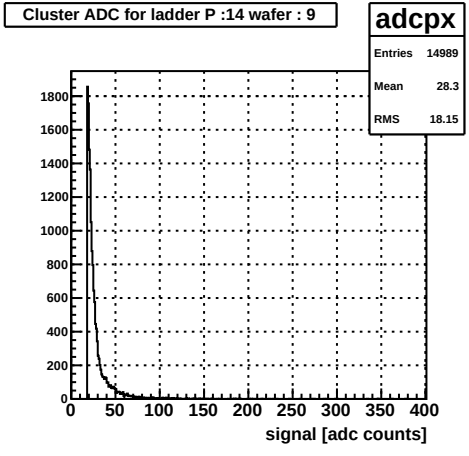

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 14954
Mean 26.43
RMS 19.74
signal [adc counts]

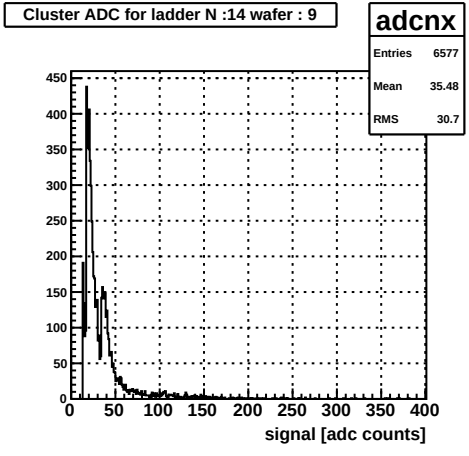

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 3410
Mean 31.57
RMS 34.21
signal [adc counts]

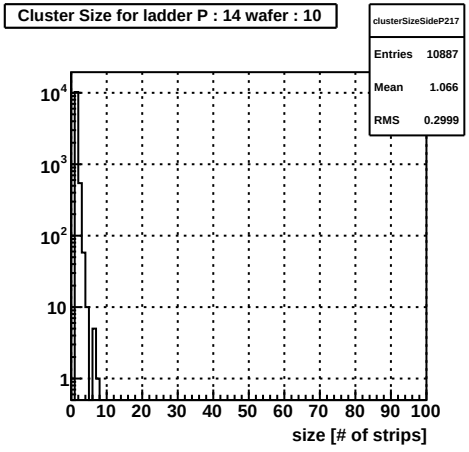

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 14989
Mean 1.075
RMS 0.3064
size [# of strips]

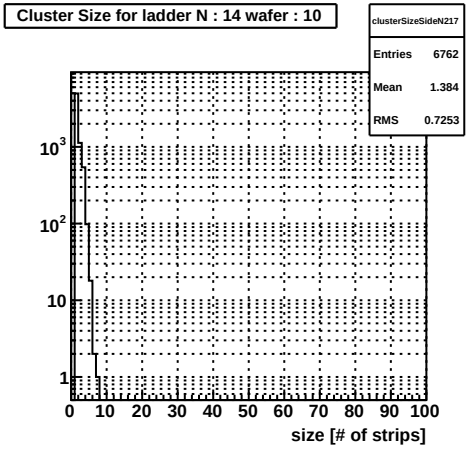

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 6577
Mean 1.482
RMS 0.8649
size [# of strips]

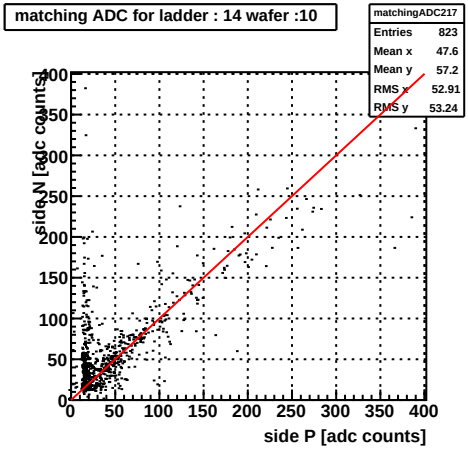

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 636
Mean x 57.08
Mean y 53.02
RMS x 54.24
RMS y 48.83
side N [adc counts]
side P [adc counts]

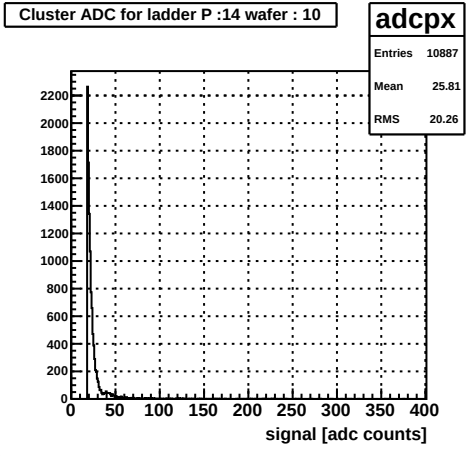

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 14989
Mean 28.3
RMS 18.15
signal [adc counts]

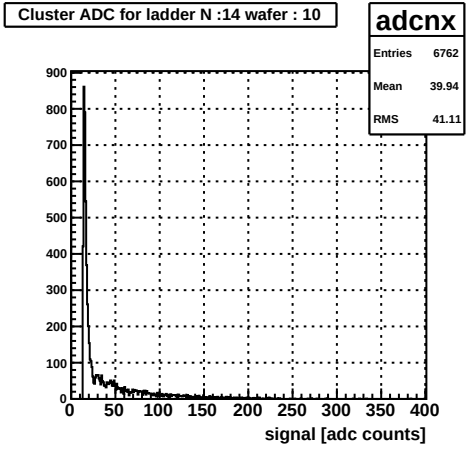

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 6577
Mean 35.48
RMS 30.7
signal [adc counts]

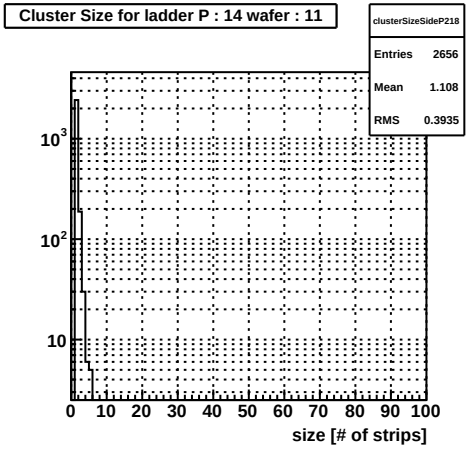

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 10887
Mean 1.066
RMS 0.2999
size [# of strips]

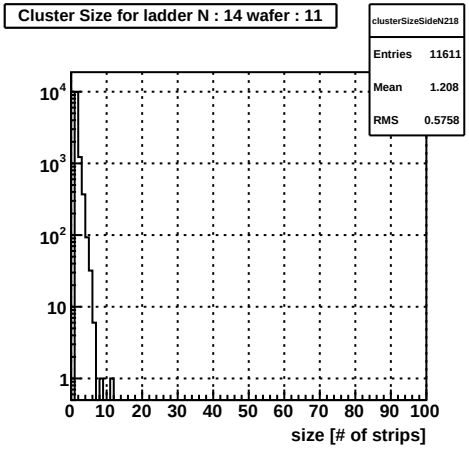

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 6762
Mean 1.384
RMS 0.7253
size [# of strips]

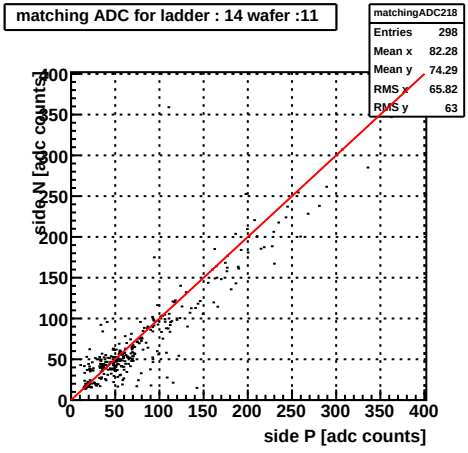

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 823
Mean x 47.6
Mean y 57.2
RMS x 52.91
RMS y 53.24
side N [adc counts]
side P [adc counts]

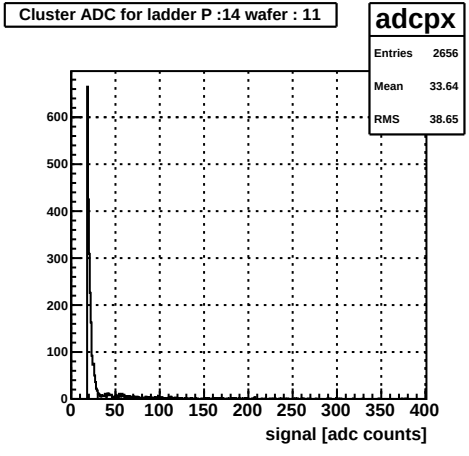

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 10887
Mean 25.81
RMS 20.26
signal [adc counts]

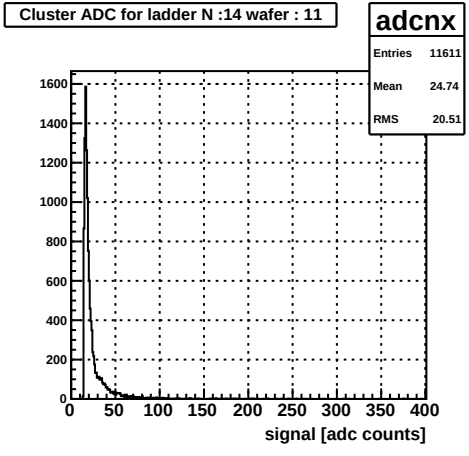

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 6762
Mean 39.94
RMS 41.11
signal [adc counts]

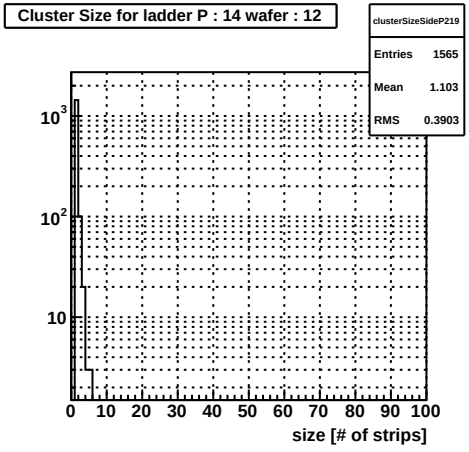

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 2656
Mean 1.108
RMS 0.3935
size [# of strips]

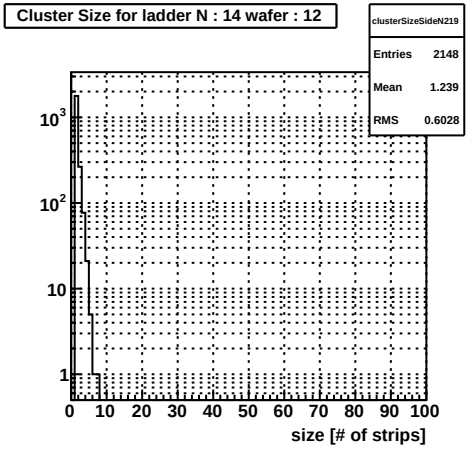

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 11611
Mean 1.208
RMS 0.5758
size [# of strips]

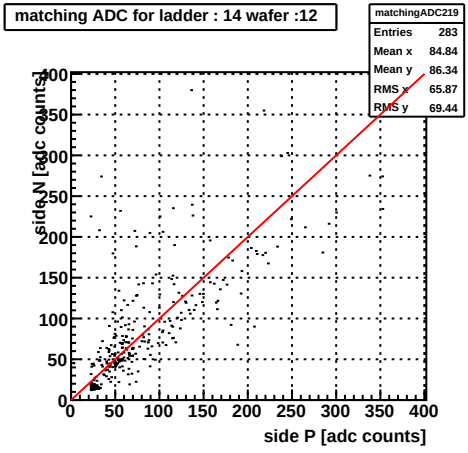

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 298
Mean x 82.28
Mean y 74.29
RMS x 65.82
RMS y 63
side N [adc counts]
side P [adc counts]

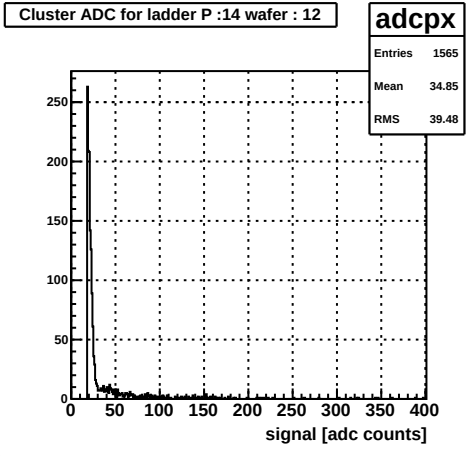

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 2656
Mean 33.64
RMS 38.65
signal [adc counts]

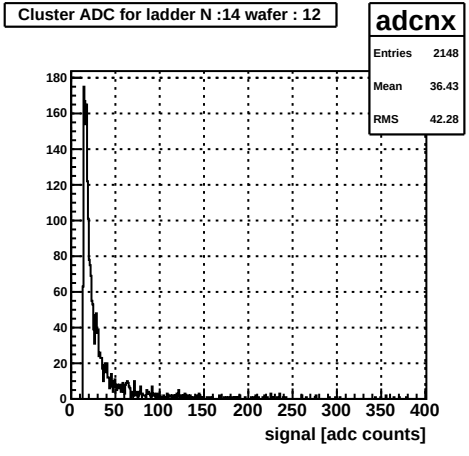

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 11611
Mean 24.74
RMS 20.51
signal [adc counts]

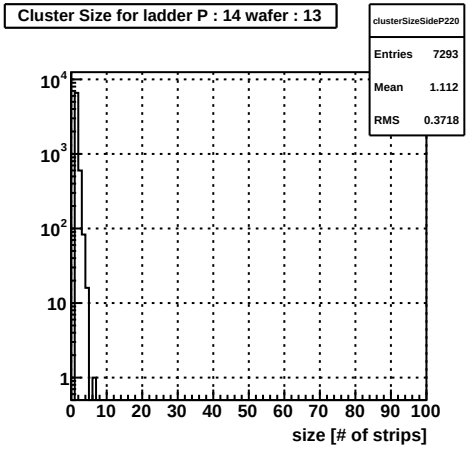

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 1565
Mean 1.103
RMS 0.3903
size [# of strips]

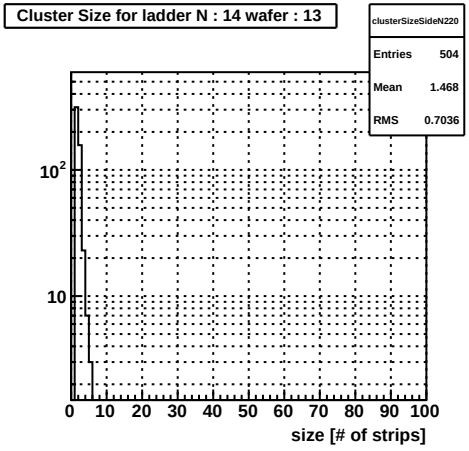

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 2148
Mean 1.239
RMS 0.6028
size [# of strips]

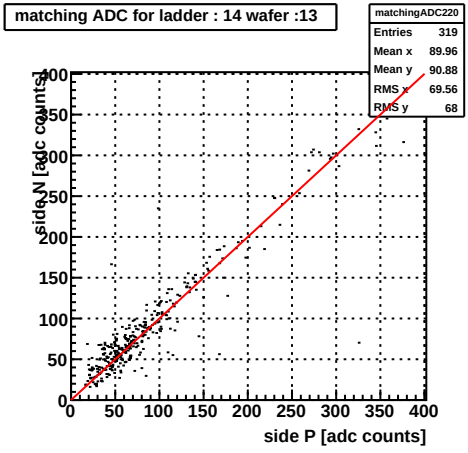

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 283
Mean x 84.84
Mean y 86.34
RMS x 65.87
RMS y 69.44
side N [adc counts]
side P [adc counts]

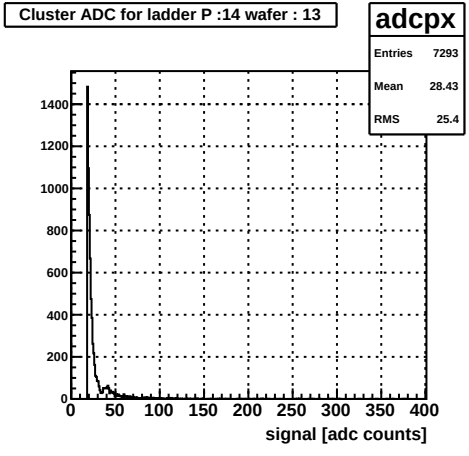

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 1565
Mean 34.85
RMS 39.48
signal [adc counts]

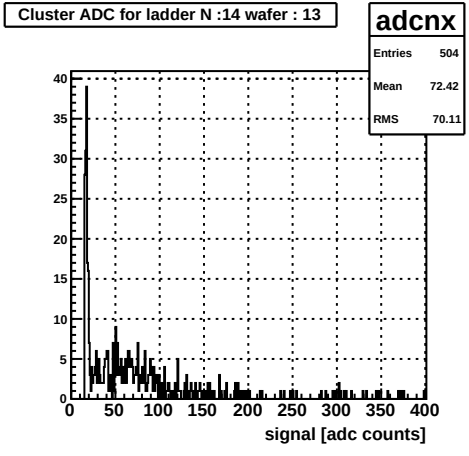

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 2148
Mean 36.43
RMS 42.28
signal [adc counts]

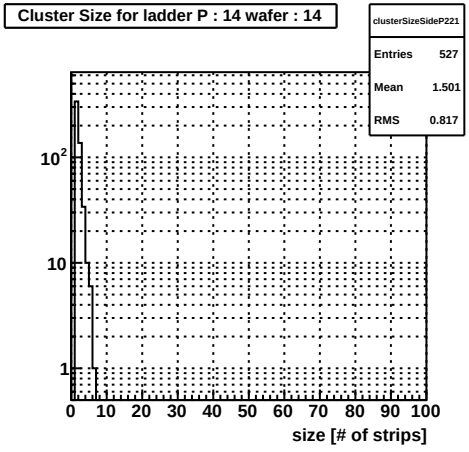

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 7293
Mean 1.112
RMS 0.3718
size [# of strips]

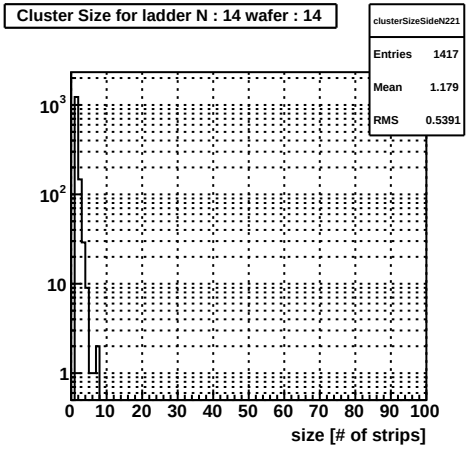

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 504
Mean 1.468
RMS 0.7036
size [# of strips]

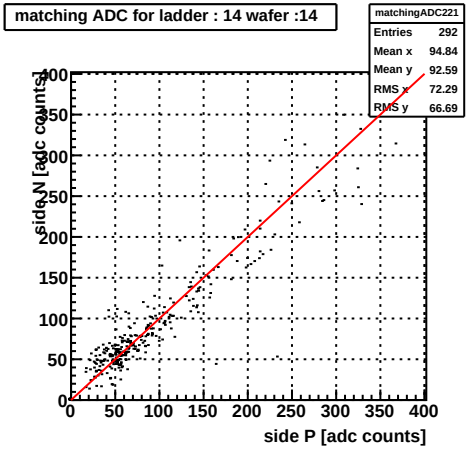

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 319
Mean x 89.96
Mean y 90.88
RMS x 69.56
RMS y 68
side N [adc counts]
side P [adc counts]

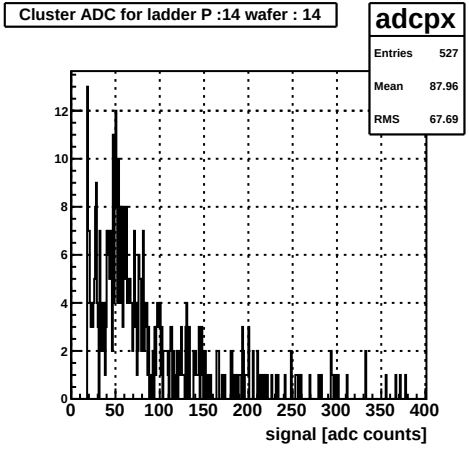

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 7293
Mean 28.43
RMS 25.4
signal [adc counts]

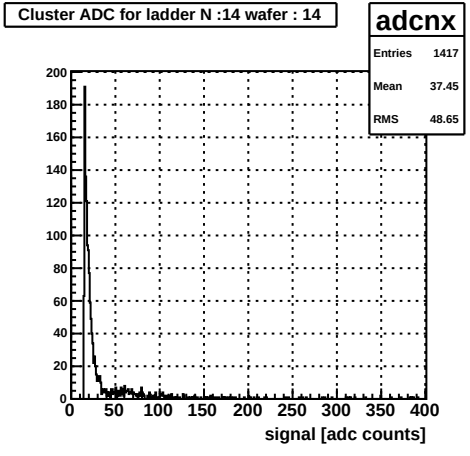

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 504
Mean 72.42
RMS 70.11
signal [adc counts]

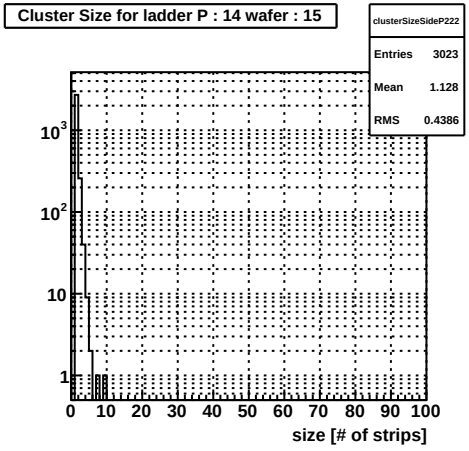

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 527
Mean 1.501
RMS 0.817
size [# of strips]

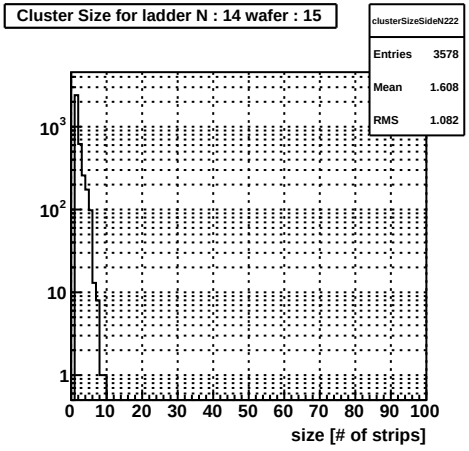

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 1417
Mean 1.179
RMS 0.5391
size [# of strips]

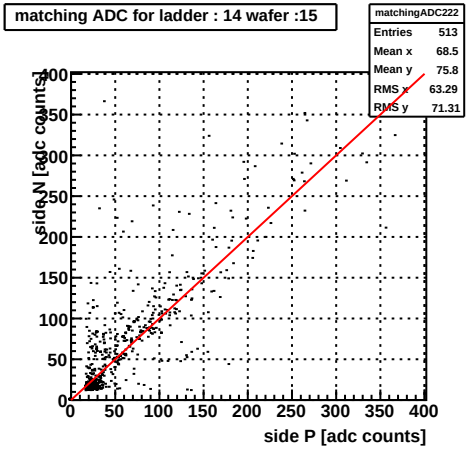

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 292
Mean x 94.84
Mean y 92.59
RMS x 72.29
RMS y 66.69
side N [adc counts]
side P [adc counts]

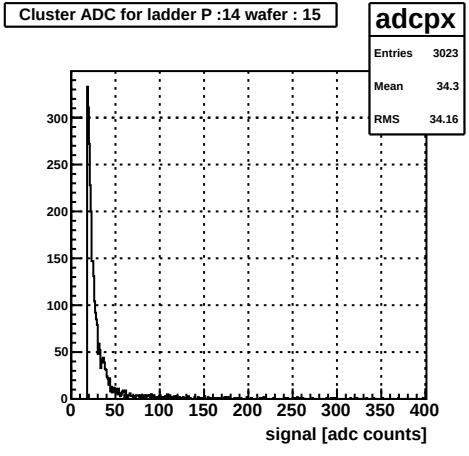

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 527
Mean 87.96
RMS 67.69
signal [adc counts]

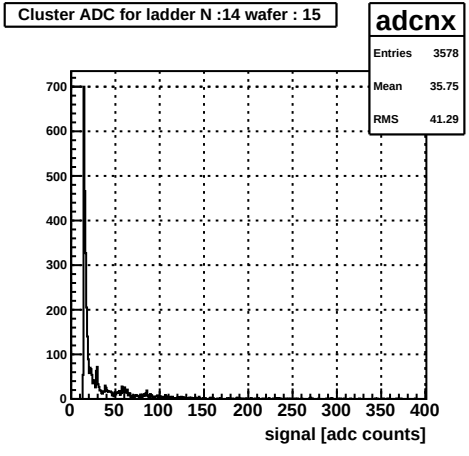

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 1417
Mean 37.45
RMS 48.65
signal [adc counts]

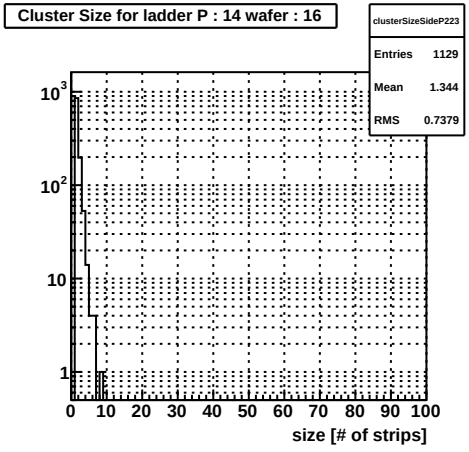

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 3023
Mean 1.128
RMS 0.4386
size [# of strips]

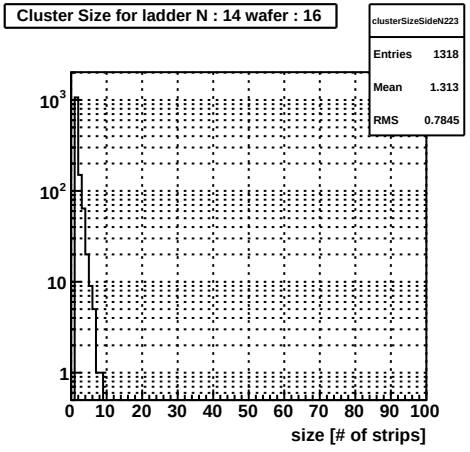

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 3578
Mean 1.608
RMS 1.082
size [# of strips]

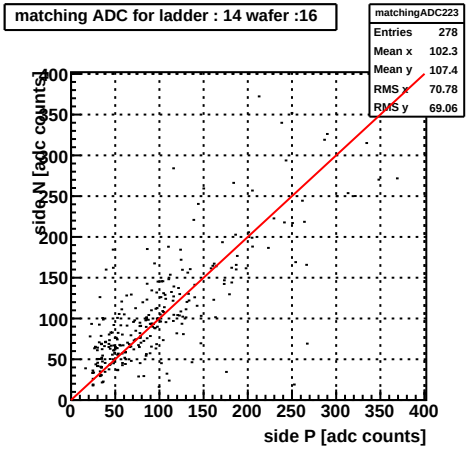

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 513
Mean x 68.5
Mean y 75.8
RMS x 63.29
RMS y 71.31
side N [adc counts]
side P [adc counts]

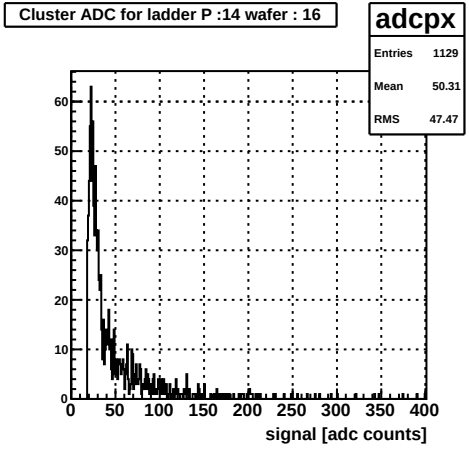

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 3023
Mean 34.3
RMS 34.16
signal [adc counts]

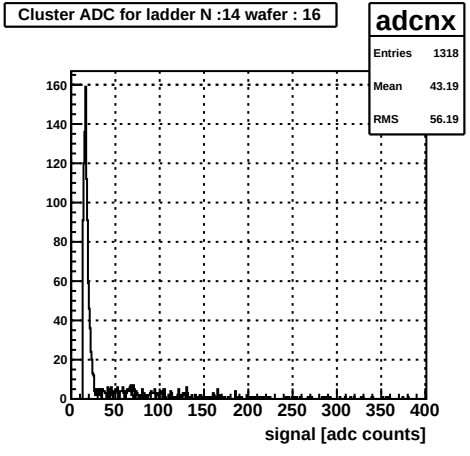

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 3578
Mean 35.75
RMS 41.29
signal [adc counts]

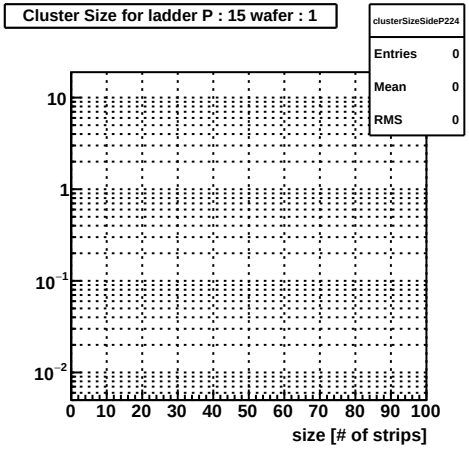

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1129
Mean 1.344
RMS 0.7379
size [# of strips]

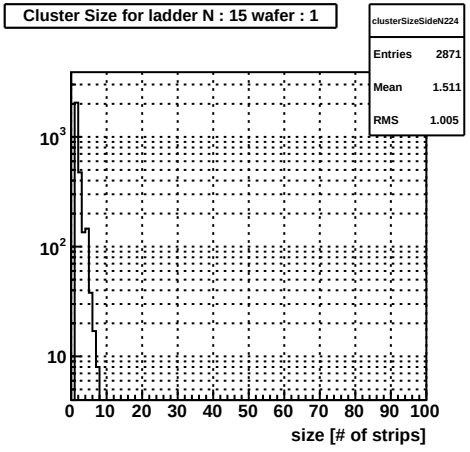

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 1318
Mean 1.313
RMS 0.7845
size [# of strips]

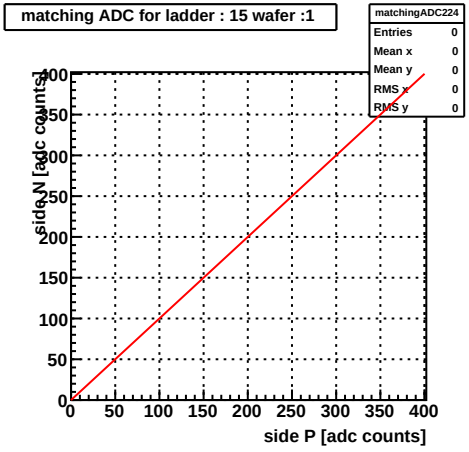

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 278
Mean x 102.3
Mean y 107.4
RMS x 70.78
RMS y 69.06
side N [adc counts]
side P [adc counts]

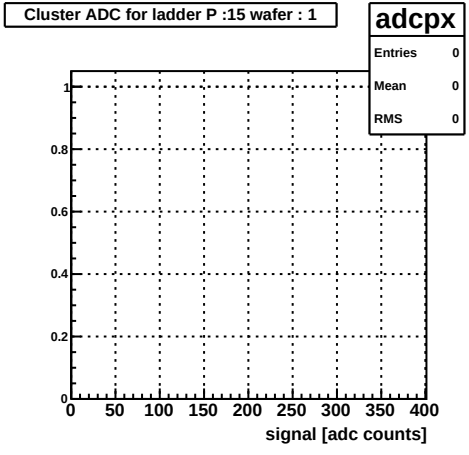

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1129
Mean 50.31
RMS 47.47
signal [adc counts]

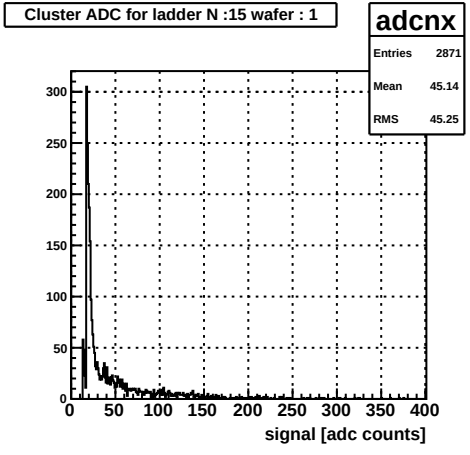

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 1318
Mean 43.19
RMS 56.19
signal [adc counts]

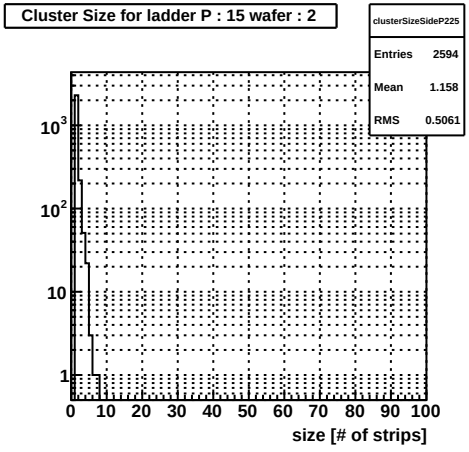

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

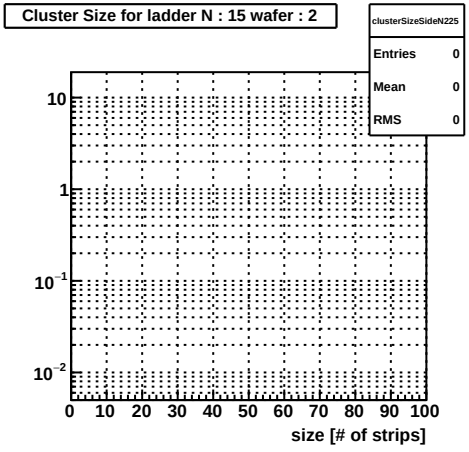

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 2871
Mean 1.511
RMS 1.005
size [# of strips]

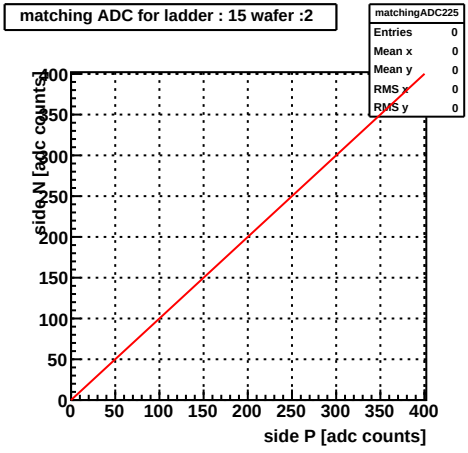

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

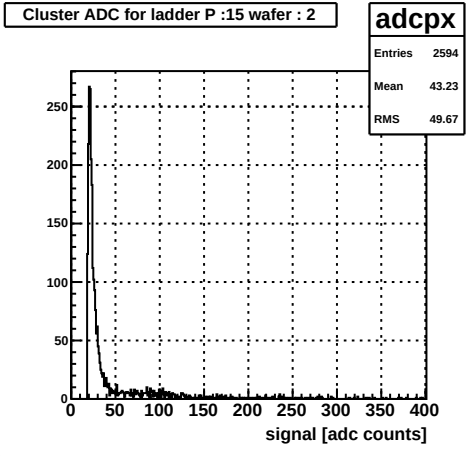

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

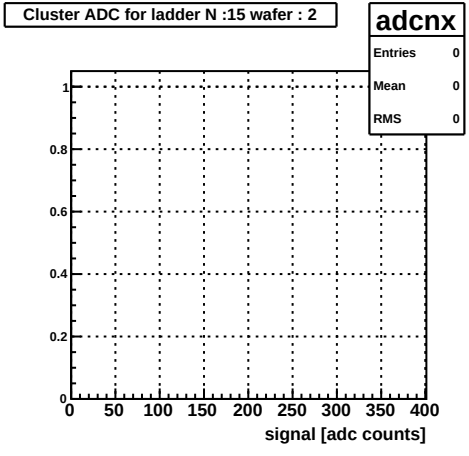

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 2871
Mean 45.14
RMS 45.25
signal [adc counts]

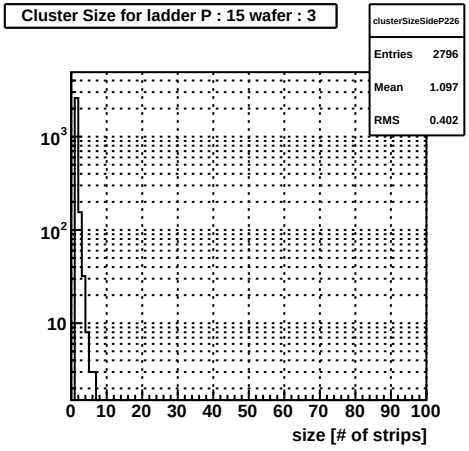

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 2594
Mean 1.158
RMS 0.5061
size [# of strips]

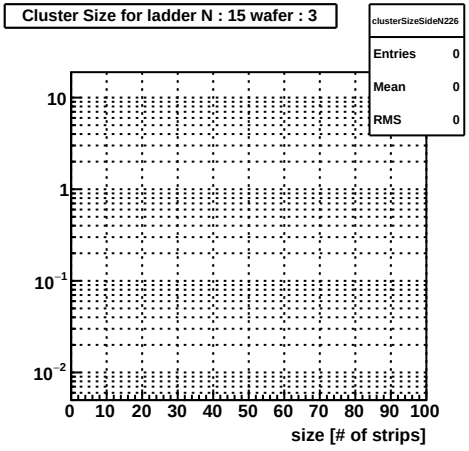

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

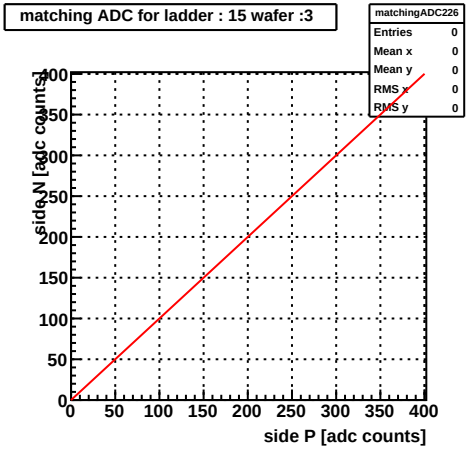

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

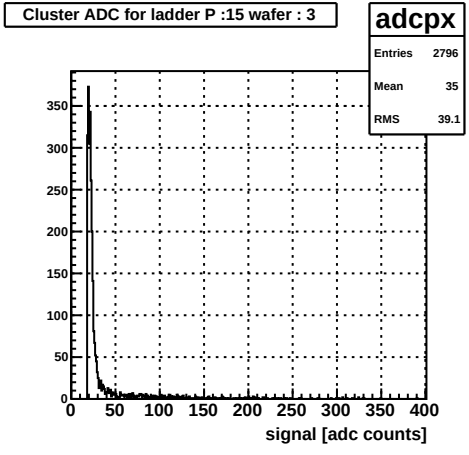

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 2594
Mean 43.23
RMS 49.67
signal [adc counts]

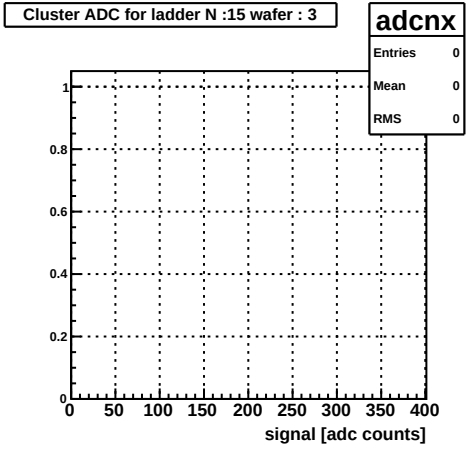

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

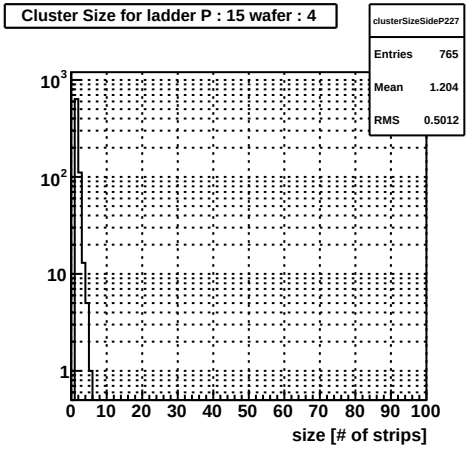

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 2796
Mean 1.097
RMS 0.402
size [# of strips]

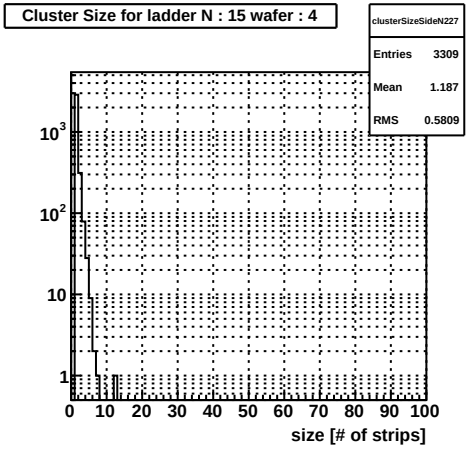

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

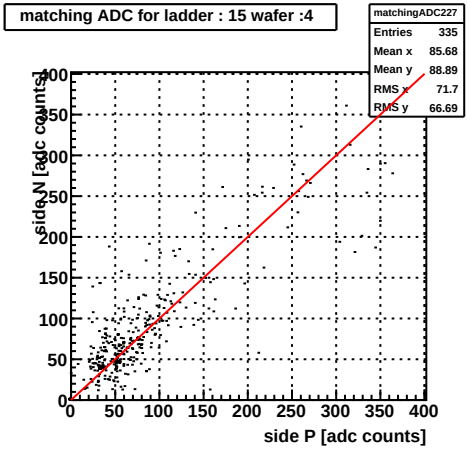

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

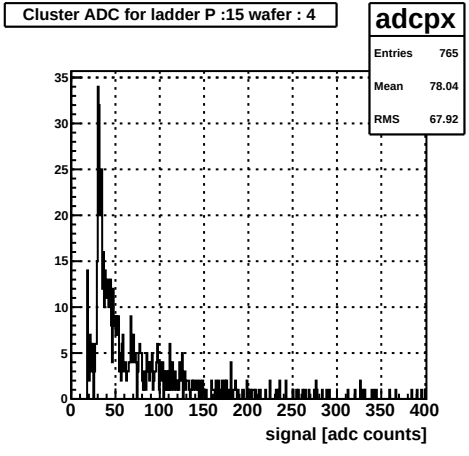

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 2796
Mean 35
RMS 39.1
signal [adc counts]

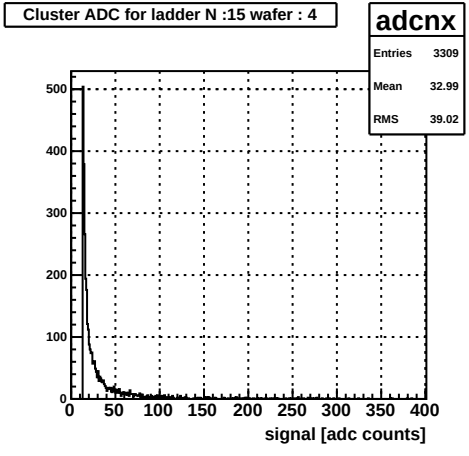

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

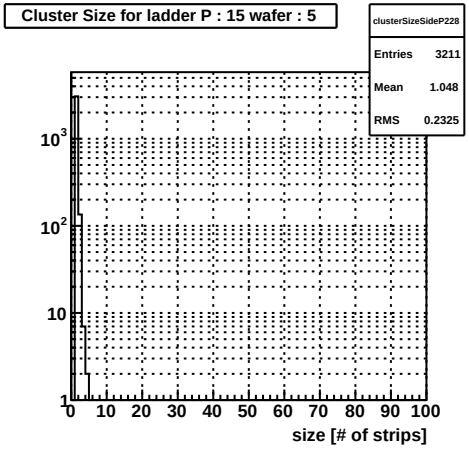

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 765
Mean 1.204
RMS 0.5012
size [# of strips]

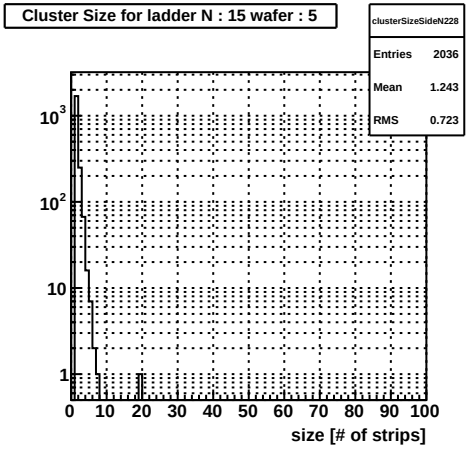

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 3309
Mean 1.187
RMS 0.5809
size [# of strips]

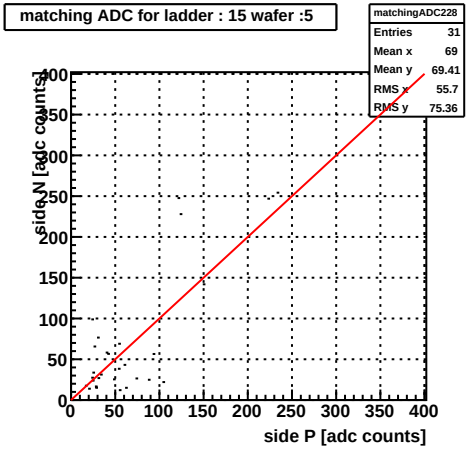

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 335
Mean x 85.68
Mean y 88.89
RMS x 71.7
RMS y 66.69
side N [adc counts]
side P [adc counts]

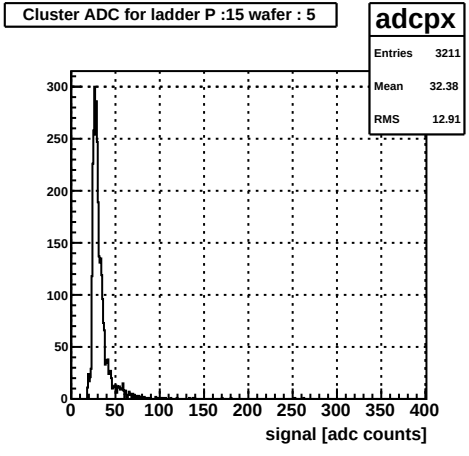

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 765
Mean 78.04
RMS 67.92
signal [adc counts]

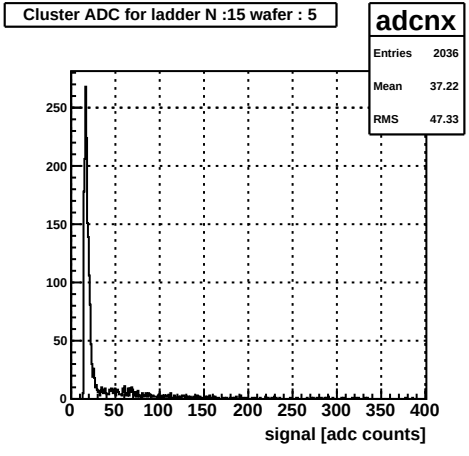

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 3309
Mean 32.99
RMS 39.02
signal [adc counts]

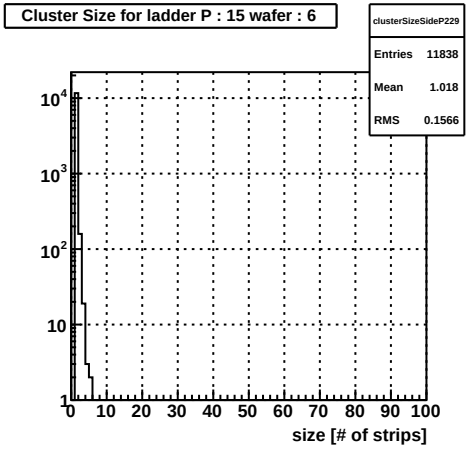

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 3211
Mean 1.048
RMS 0.2325
size [# of strips]

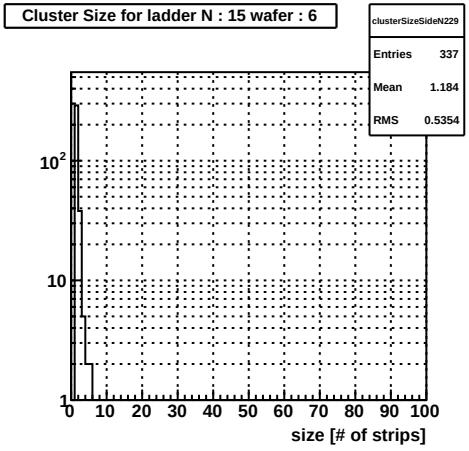

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 2036
Mean 1.243
RMS 0.723
size [# of strips]

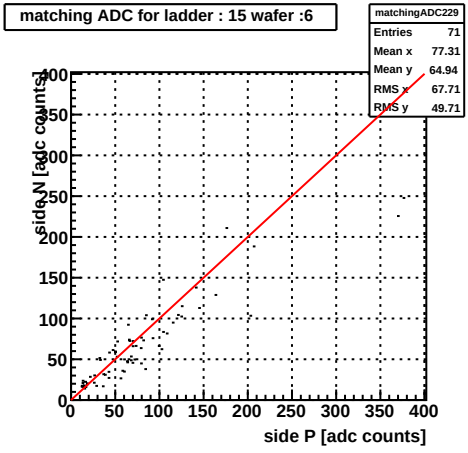

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 31
Mean x 69
Mean y 69.41
RMS x 55.7
RMS y 75.36
side N [adc counts]
side P [adc counts]

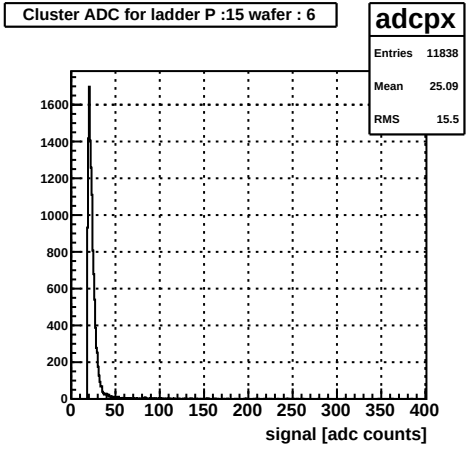

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 3211
Mean 32.38
RMS 12.91
signal [adc counts]

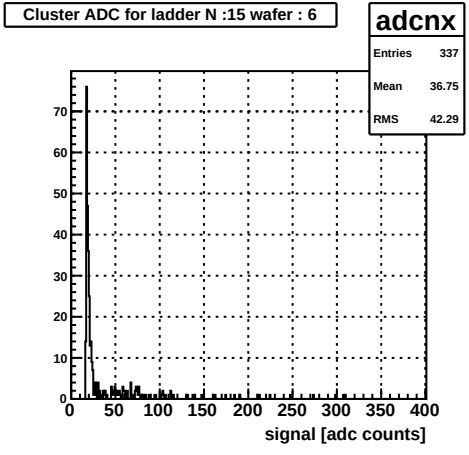

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 2036
Mean 37.22
RMS 47.33
signal [adc counts]

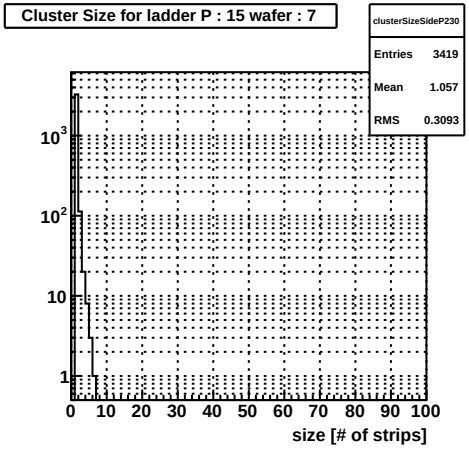

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 11838
Mean 1.018
RMS 0.1566
size [# of strips]

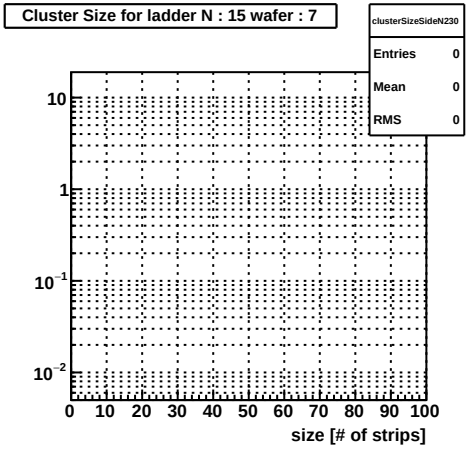

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 337
Mean 1.184
RMS 0.5354
size [# of strips]

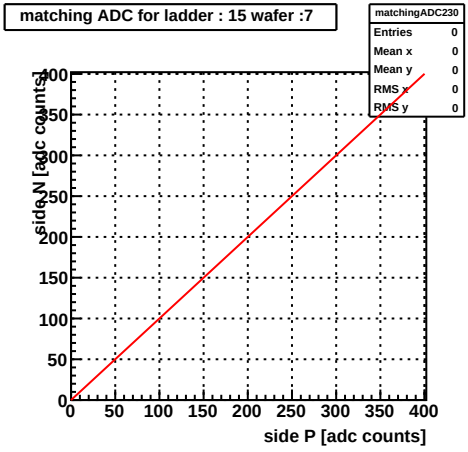

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 71
Mean x 77.31
Mean y 64.94
RMS x 67.71
RMS y 49.71
side N [adc counts]
side P [adc counts]

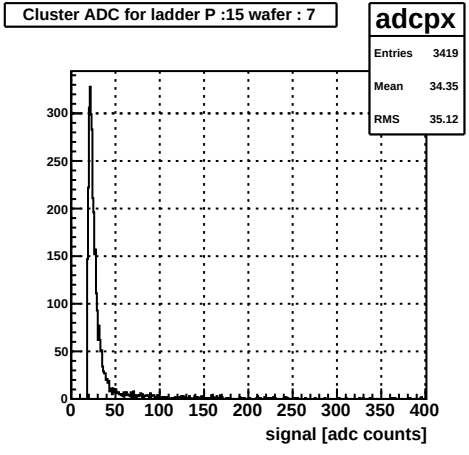

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 11838
Mean 25.09
RMS 15.5
signal [adc counts]

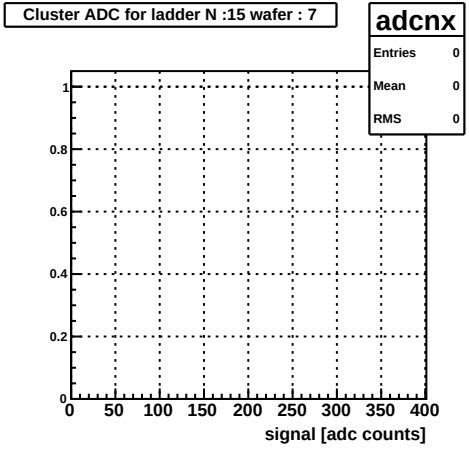

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 337
Mean 36.75
RMS 42.29
signal [adc counts]

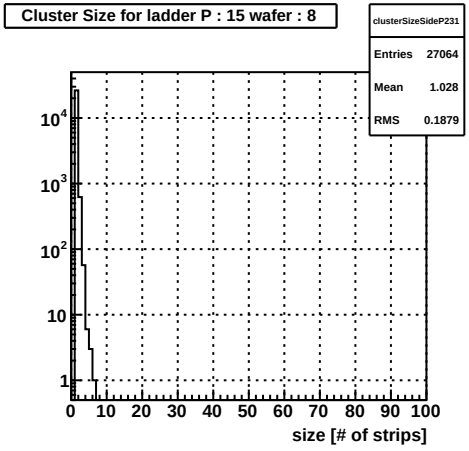

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 3419
Mean 1.057
RMS 0.3093
size [# of strips]

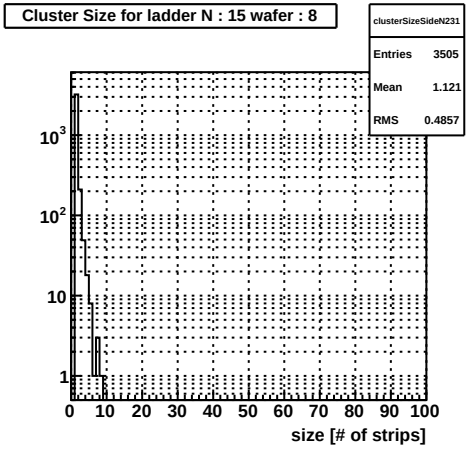

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

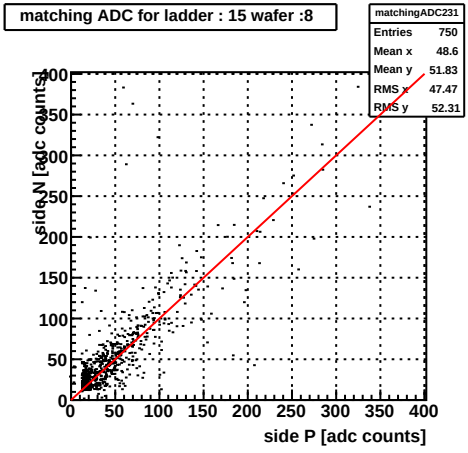

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

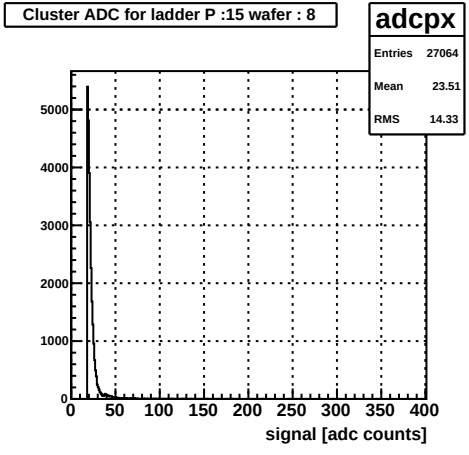

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 3419
Mean 34.35
RMS 35.12
signal [adc counts]

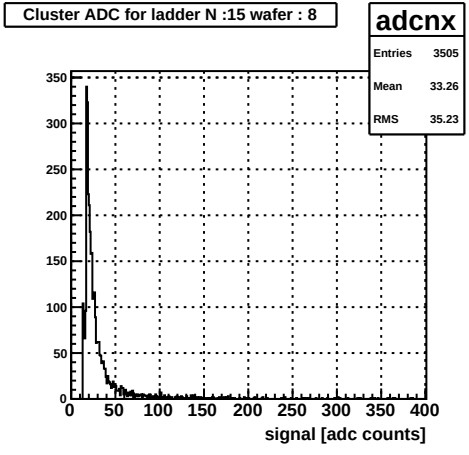

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

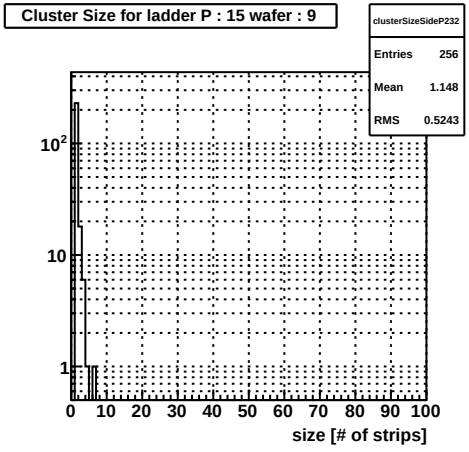

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 27064
Mean 1.028
RMS 0.1879
size [# of strips]

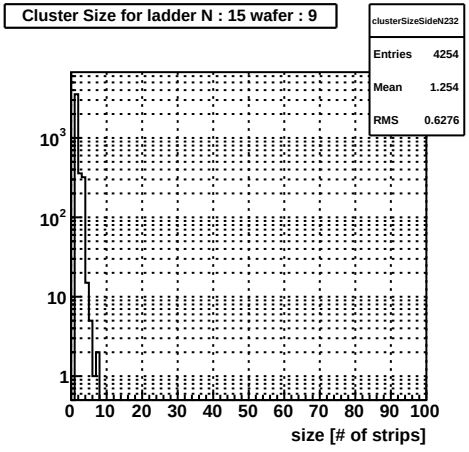

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 3505
Mean 1.121
RMS 0.4857
size [# of strips]

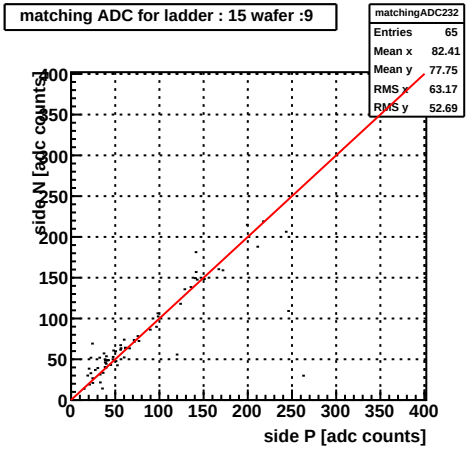

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 750
Mean x 48.6
Mean y 51.83
RMS x 47.47
RMS y 52.31
side N [adc counts]
side P [adc counts]

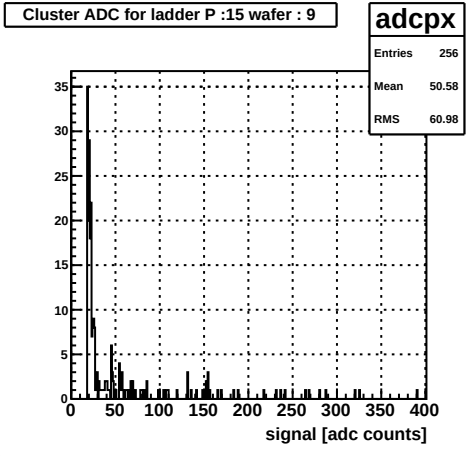

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 27064
Mean 23.51
RMS 14.33
signal [adc counts]

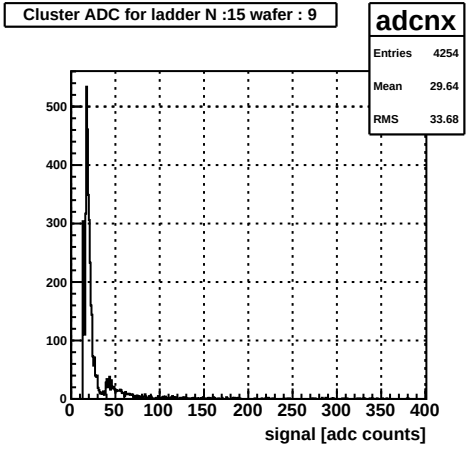

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 3505
Mean 33.26
RMS 35.23
signal [adc counts]

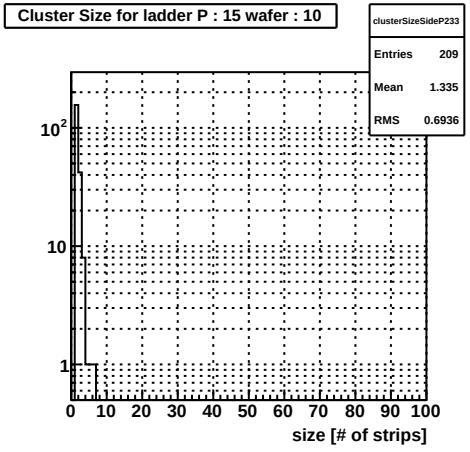

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 256
Mean 1.148
RMS 0.5243
size [# of strips]

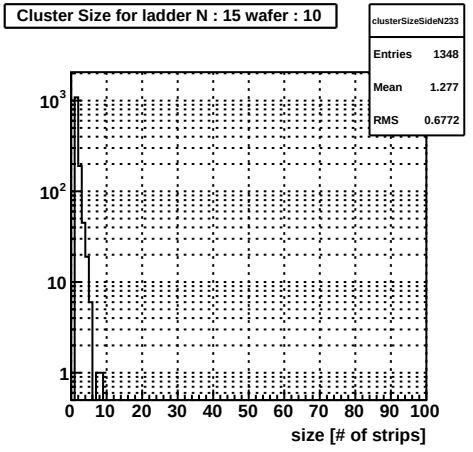

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 4254
Mean 1.254
RMS 0.6276
size [# of strips]

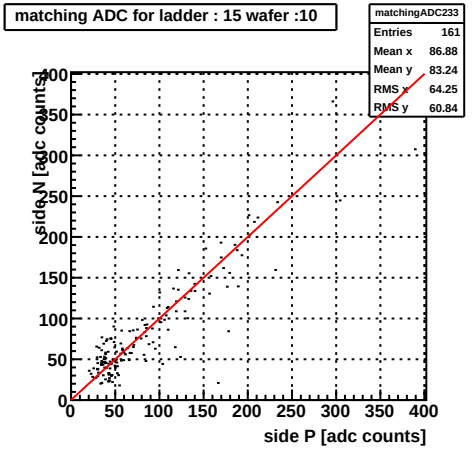

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 65
Mean x 82.41
Mean y 77.75
RMS x 63.17
RMS y 52.69
side N [adc counts]
side P [adc counts]

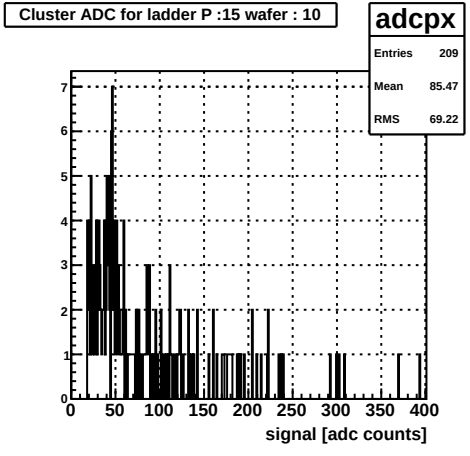

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 256
Mean 50.58
RMS 60.98
signal [adc counts]

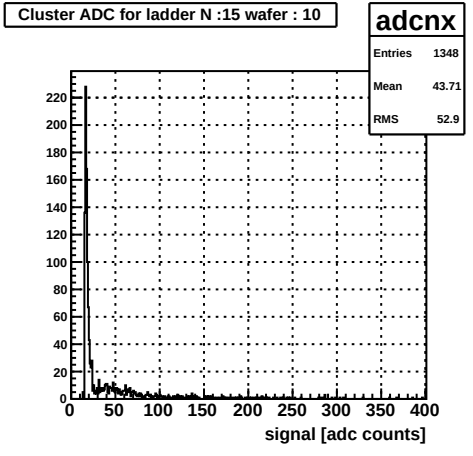

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 4254
Mean 29.64
RMS 33.68
signal [adc counts]

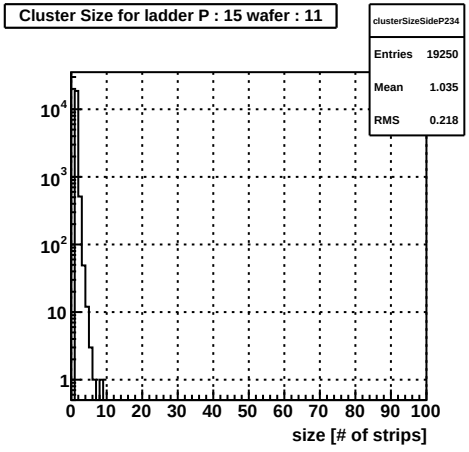

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 209
Mean 1.335
RMS 0.6936
size [# of strips]

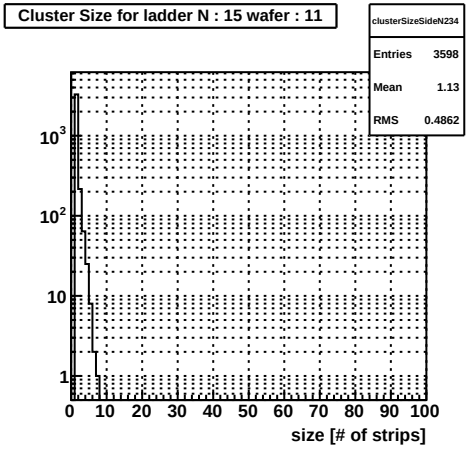

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 1348
Mean 1.277
RMS 0.6772
size [# of strips]

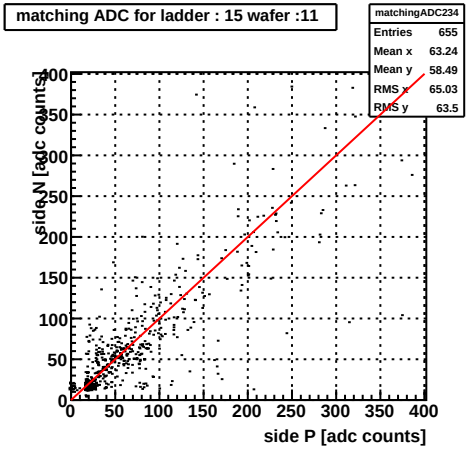

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 161
Mean x 86.88
Mean y 83.24
RMS x 64.25
RMS y 60.84
side N [adc counts]
side P [adc counts]

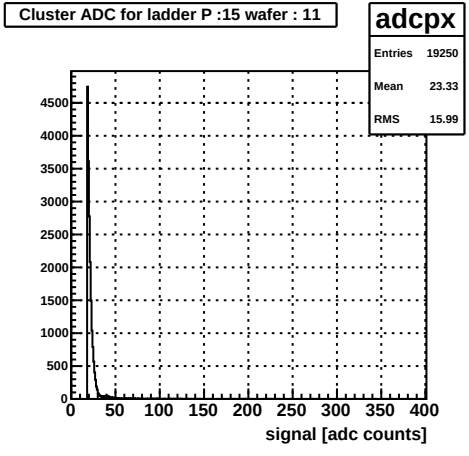

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 209
Mean 85.47
RMS 69.22
signal [adc counts]

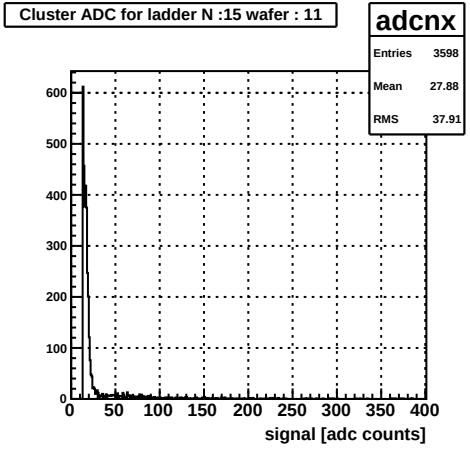

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 1348
Mean 43.71
RMS 52.9
signal [adc counts]

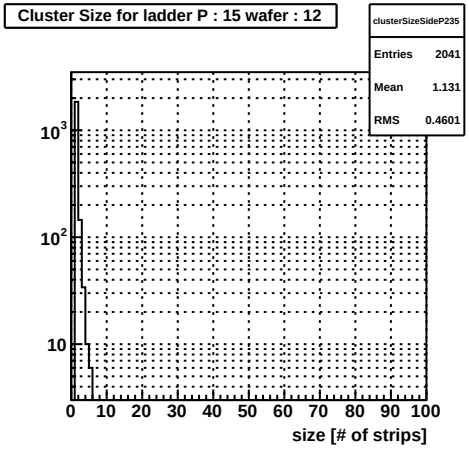

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 19250
Mean 1.035
RMS 0.218
size [# of strips]

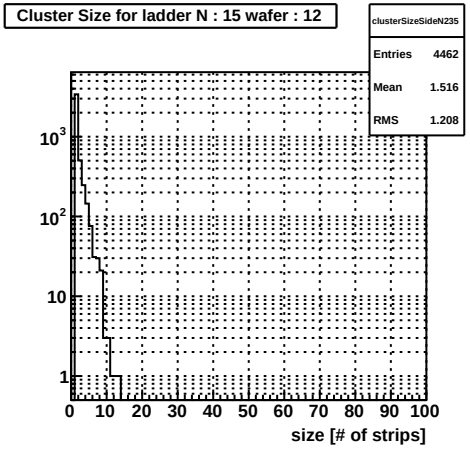

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 3598
Mean 1.13
RMS 0.4862
size [# of strips]

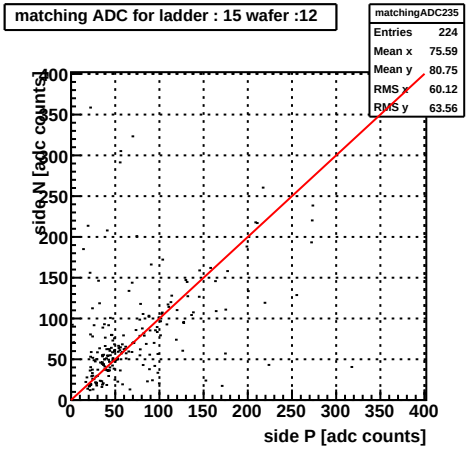

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 655
Mean x 63.24
Mean y 58.49
RMS x 65.03
RMS y 63.5
side N [adc counts]
side P [adc counts]

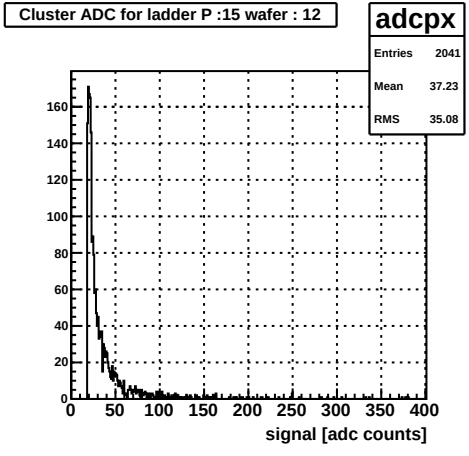

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 19250
Mean 23.33
RMS 15.99
signal [adc counts]

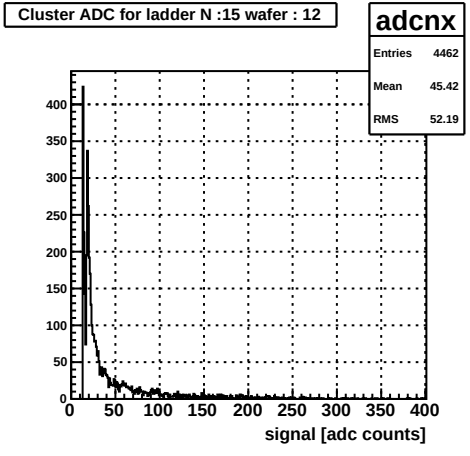

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 3598
Mean 27.88
RMS 37.91
signal [adc counts]

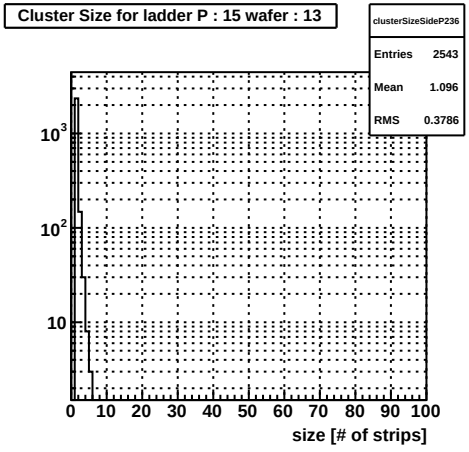

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 2041
Mean 1.131
RMS 0.4601
size [# of strips]

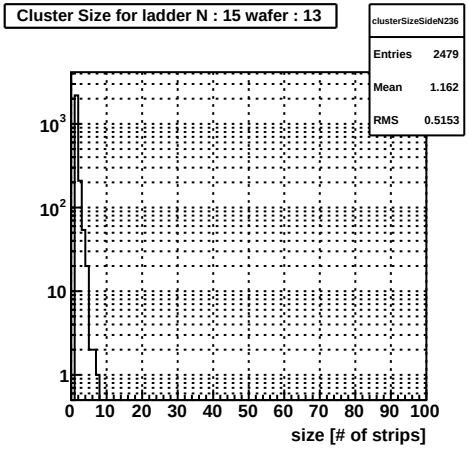

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 4462
Mean 1.516
RMS 1.208
size [# of strips]

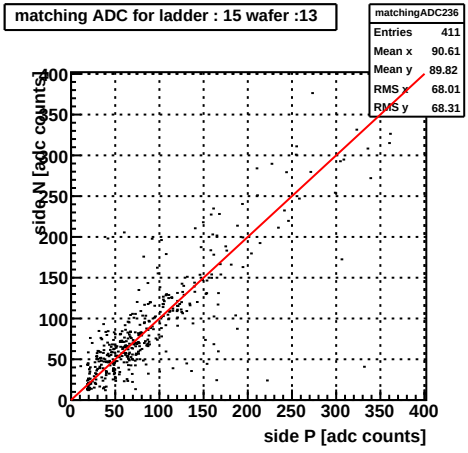

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 224
Mean x 75.59
Mean y 80.75
RMS x 60.12
RMS y 63.56
side N [adc counts]
side P [adc counts]

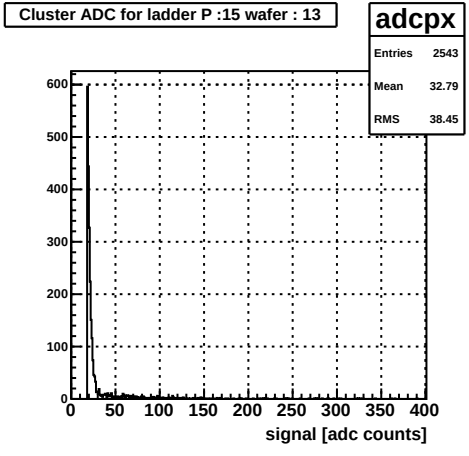

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 2041
Mean 37.23
RMS 35.08
signal [adc counts]

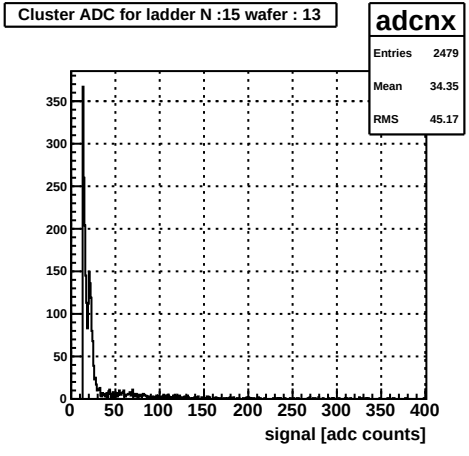

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 4462
Mean 45.42
RMS 52.19
signal [adc counts]

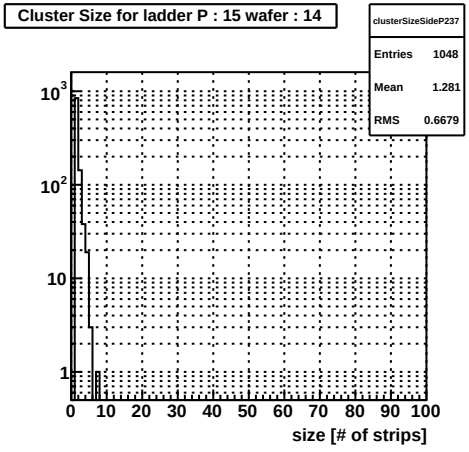

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 2543
Mean 1.096
RMS 0.3786
size [# of strips]

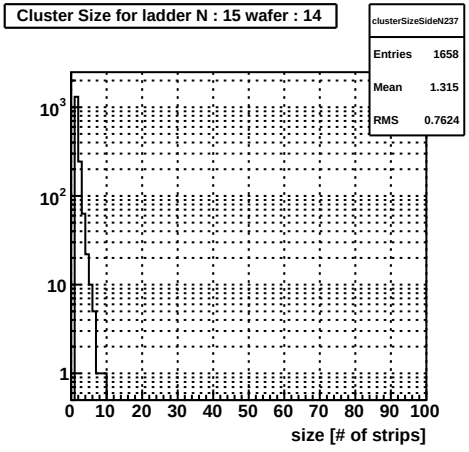

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 2479
Mean 1.162
RMS 0.5153
size [# of strips]

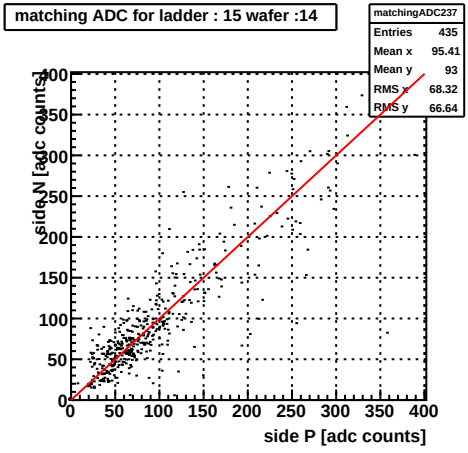

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 411
Mean x 90.61
Mean y 89.82
RMS x 68.01
RMS y 68.31
side N [adc counts]
side P [adc counts]

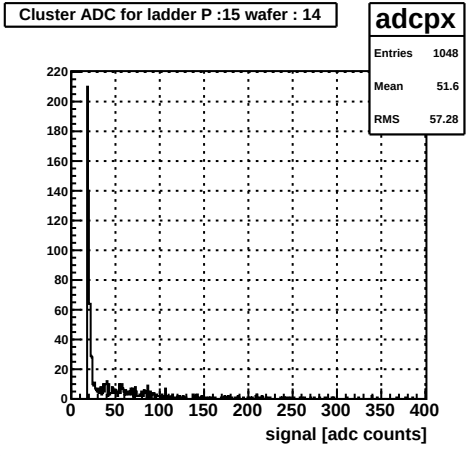

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 2543
Mean 32.79
RMS 38.45
signal [adc counts]

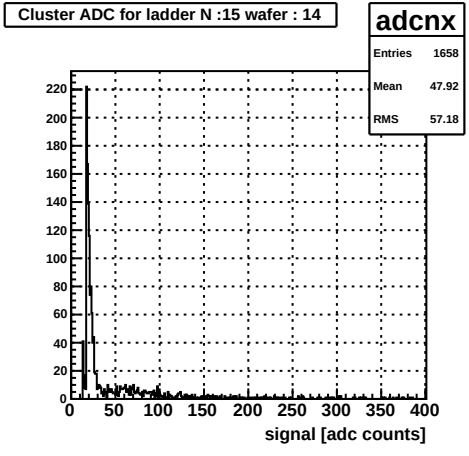

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 2479
Mean 34.35
RMS 45.17
signal [adc counts]

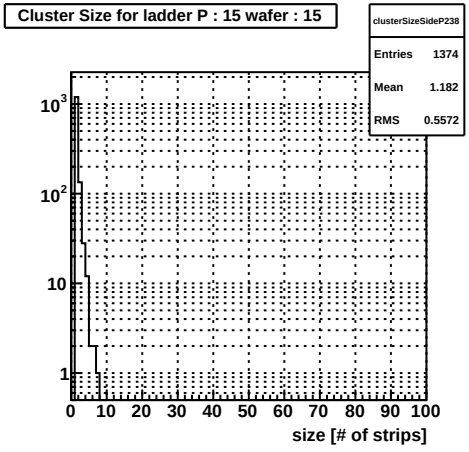

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 1048
Mean 1.281
RMS 0.6679
size [# of strips]

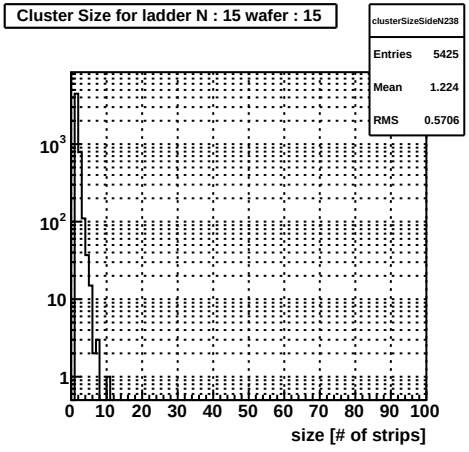

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 1658
Mean 1.315
RMS 0.7624
size [# of strips]

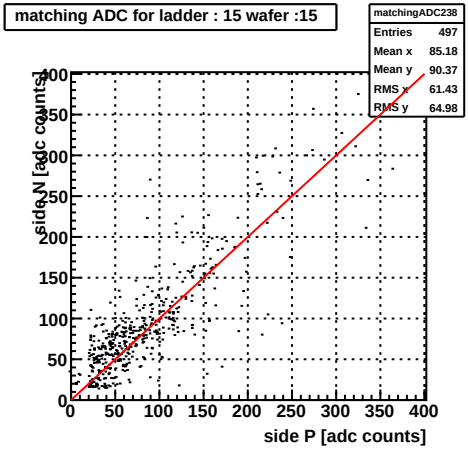

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 435
Mean x 95.41
Mean y 93
RMS x 68.32
RMS y 66.64
side N [adc counts]
side P [adc counts]

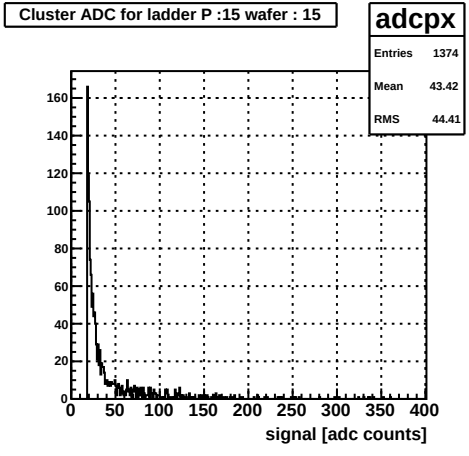

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 1048
Mean 51.6
RMS 57.28
signal [adc counts]

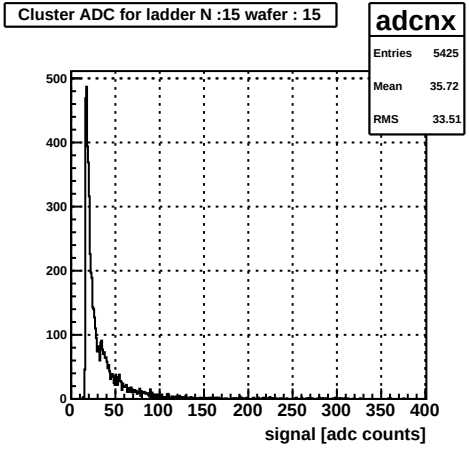

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 1658
Mean 47.92
RMS 57.18
signal [adc counts]

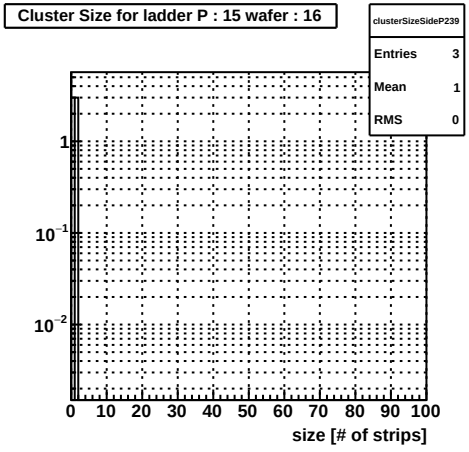

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 1374
Mean 1.182
RMS 0.5572
size [# of strips]

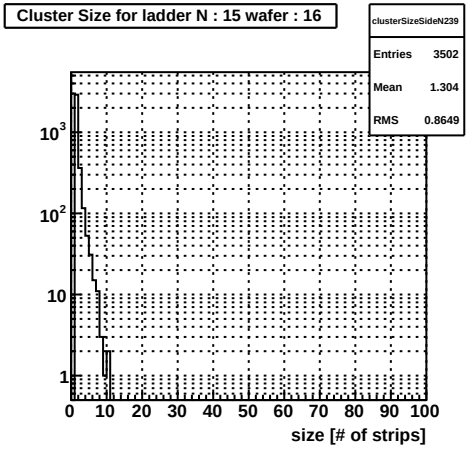

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 5425
Mean 1.224
RMS 0.5706
size [# of strips]

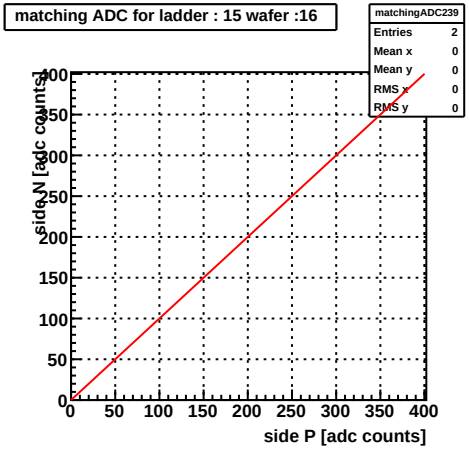

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 497
Mean x 85.18
Mean y 90.37
RMS x 61.43
RMS y 64.98
side N [adc counts]
side P [adc counts]

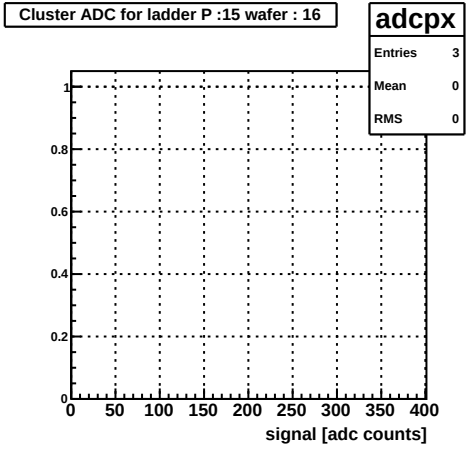

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 1374
Mean 43.42
RMS 44.41
signal [adc counts]

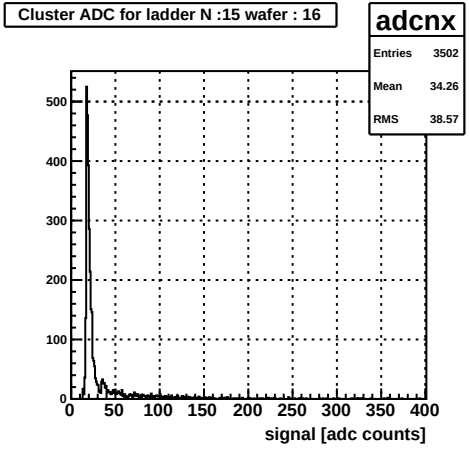

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 5425
Mean 35.72
RMS 33.51
signal [adc counts]

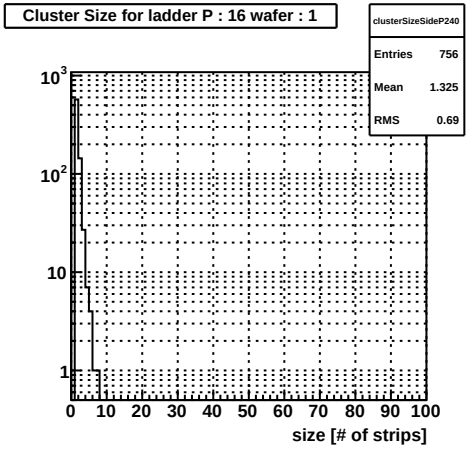

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 3
Mean 1
RMS 0
size [# of strips]

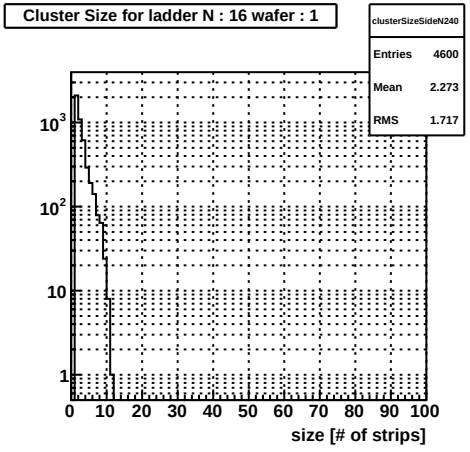

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 3502
Mean 1.304
RMS 0.8649
size [# of strips]

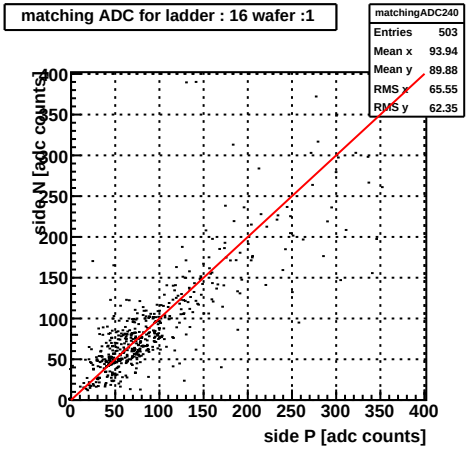

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

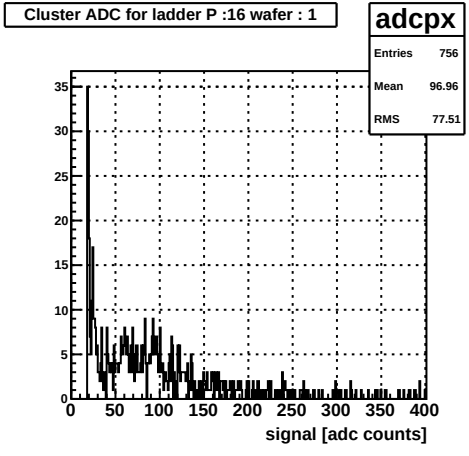

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

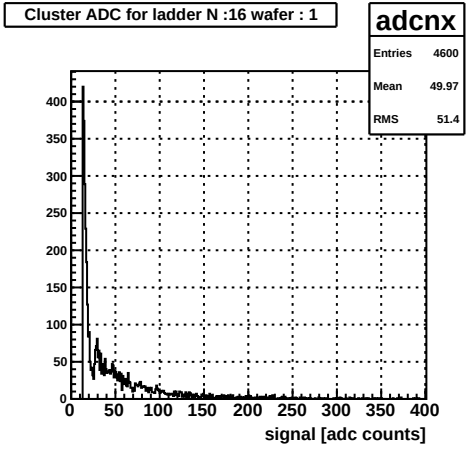

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 3502
Mean 34.26
RMS 38.57
signal [adc counts]

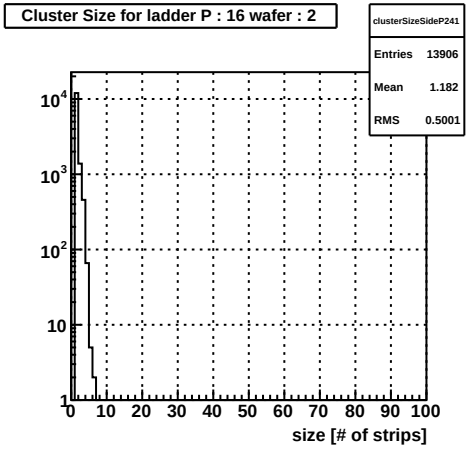

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 756
Mean 1.325
RMS 0.69
size [# of strips]

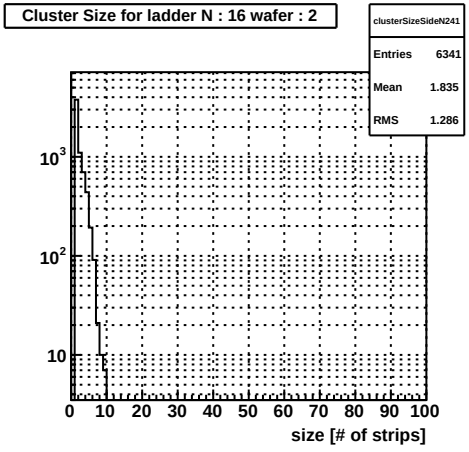

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 4600
Mean 2.273
RMS 1.717
size [# of strips]

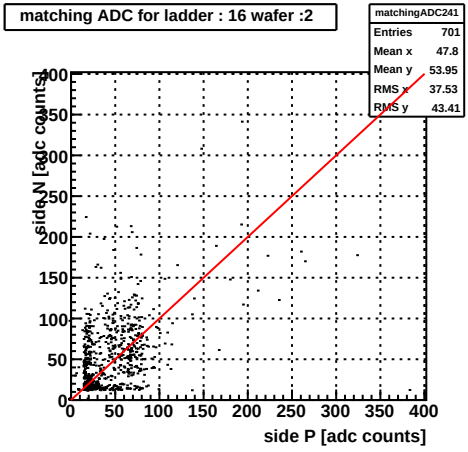

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 503
Mean x 93.94
Mean y 89.88
RMS x 65.55
RMS y 62.35
side N [adc counts]
side P [adc counts]

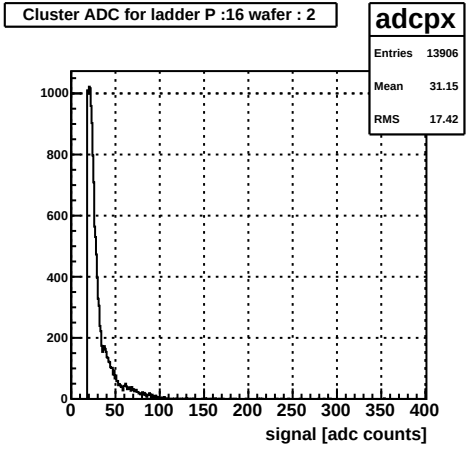

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 756
Mean 96.96
RMS 77.51
signal [adc counts]

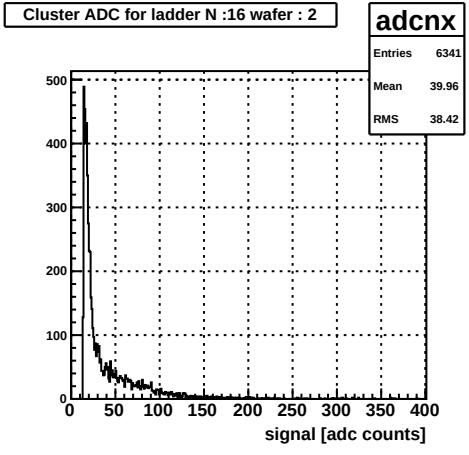

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 4600
Mean 49.97
RMS 51.4
signal [adc counts]

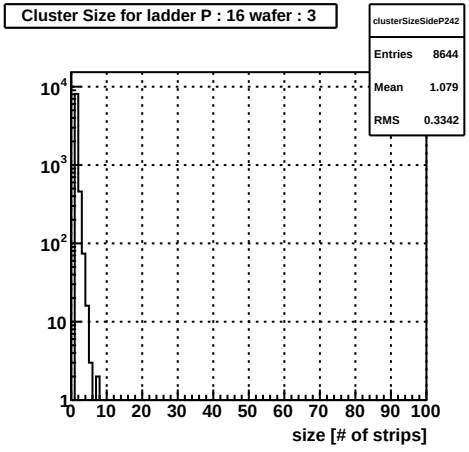

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 13906
Mean 1.182
RMS 0.5001
size [# of strips]

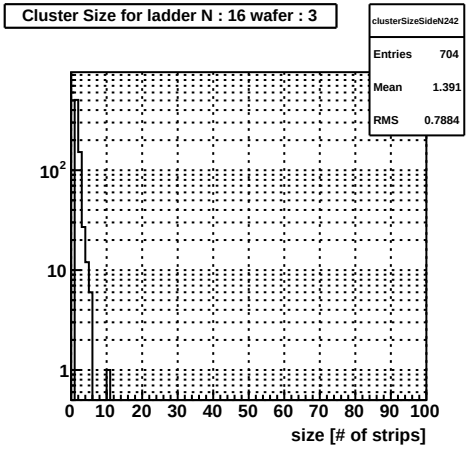

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 6341
Mean 1.835
RMS 1.286
size [# of strips]

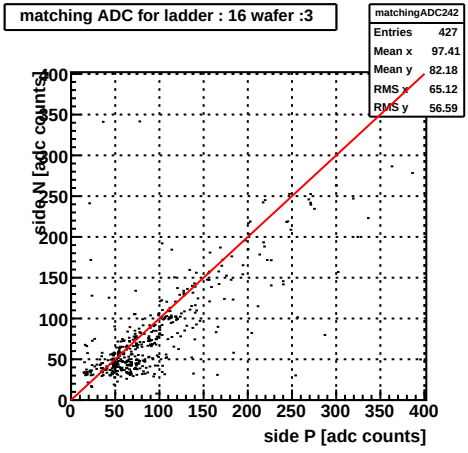

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 701
Mean x 47.8
Mean y 53.95
RMS x 37.53
RMS y 43.41
side N [adc counts]
side P [adc counts]

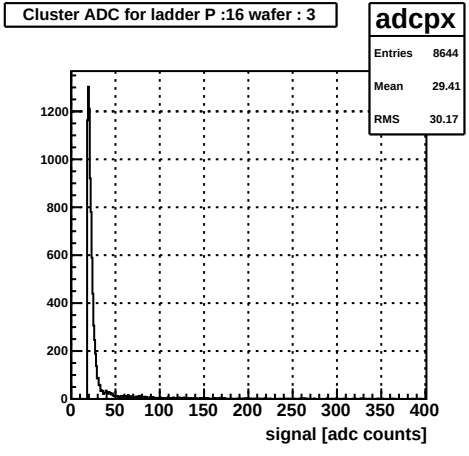

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 13906
Mean 31.15
RMS 17.42
signal [adc counts]

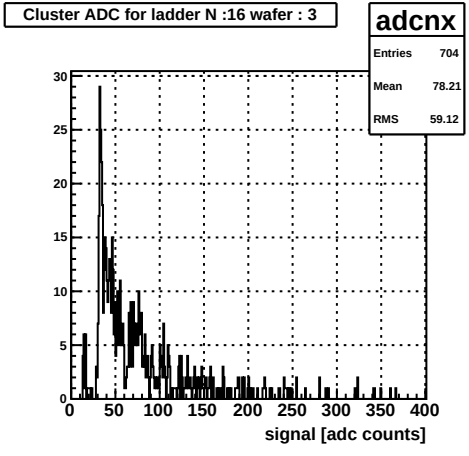

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 6341
Mean 39.96
RMS 38.42
signal [adc counts]

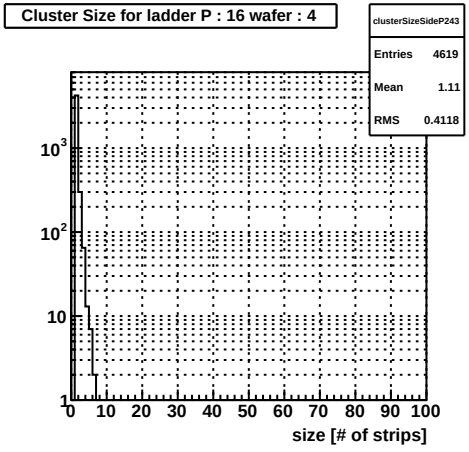

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 8644
Mean 1.079
RMS 0.3342
size [# of strips]

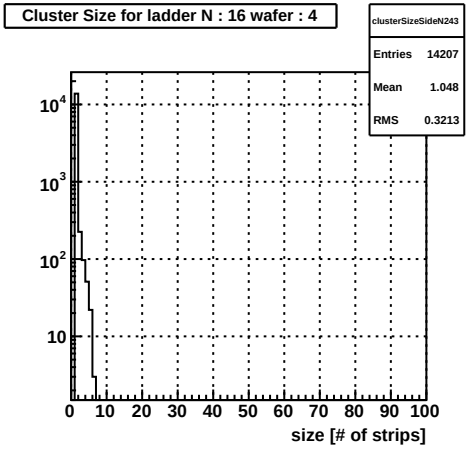

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 704
Mean 1.391
RMS 0.7884
size [# of strips]

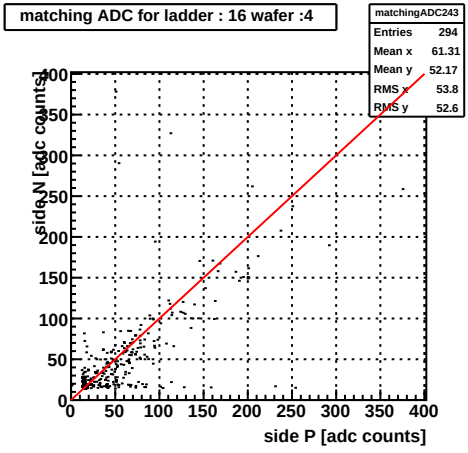

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 427
Mean x 97.41
Mean y 82.18
RMS x 65.12
RMS y 56.59
side N [adc counts]
side P [adc counts]

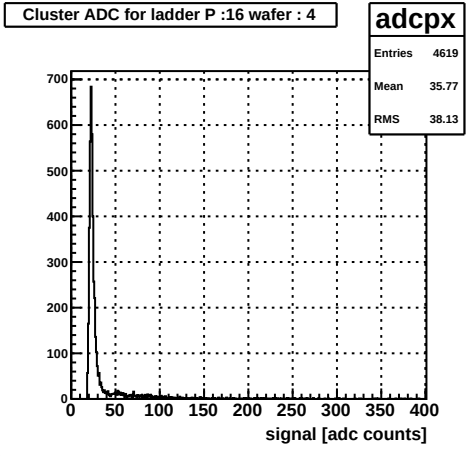

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 8644
Mean 29.41
RMS 30.17
signal [adc counts]

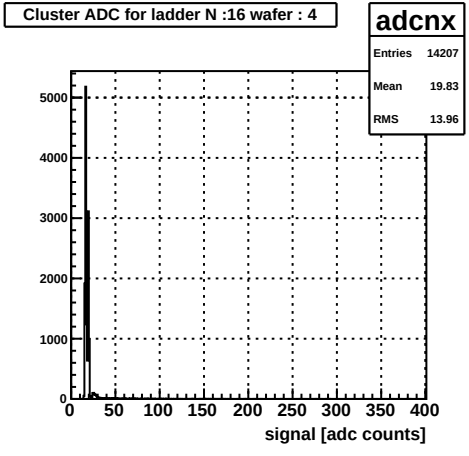

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 704
Mean 78.21
RMS 59.12
signal [adc counts]

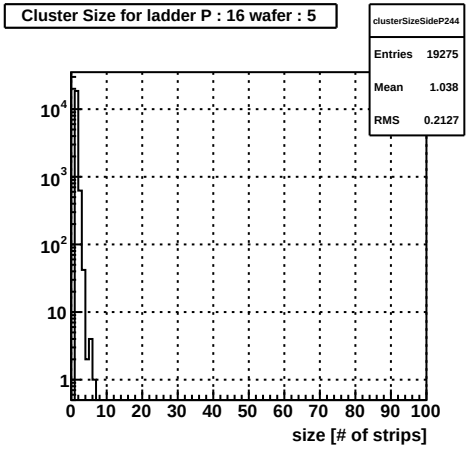

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 4619
Mean 1.11
RMS 0.4118
size [# of strips]

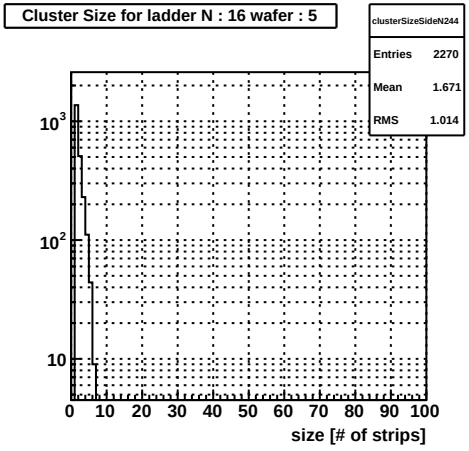

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 14207
Mean 1.048
RMS 0.3213
size [# of strips]

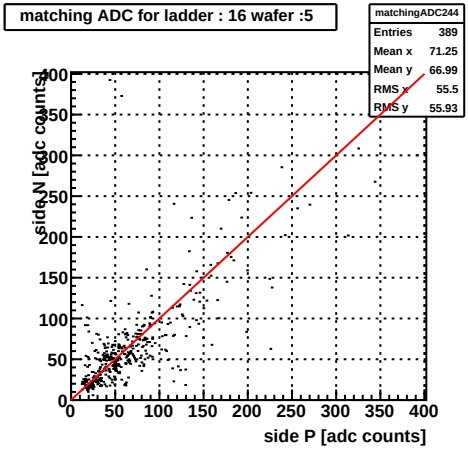

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 294
Mean x 61.31
Mean y 52.17
RMS x 53.8
RMS y 52.6
side N [adc counts]
side P [adc counts]

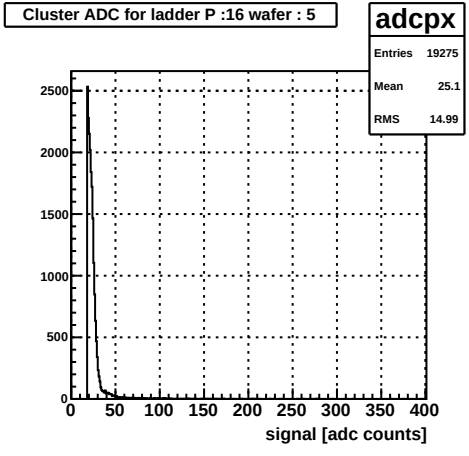

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 4619
Mean 35.77
RMS 38.13
signal [adc counts]

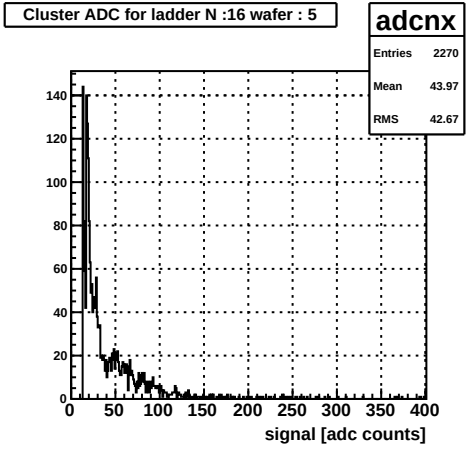

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 14207
Mean 19.83
RMS 13.96
signal [adc counts]

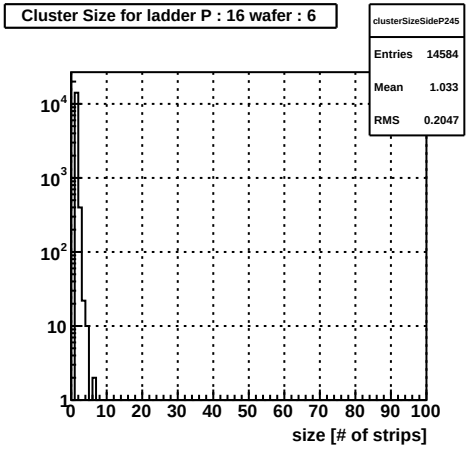

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 19275
Mean 1.038
RMS 0.2127
size [# of strips]

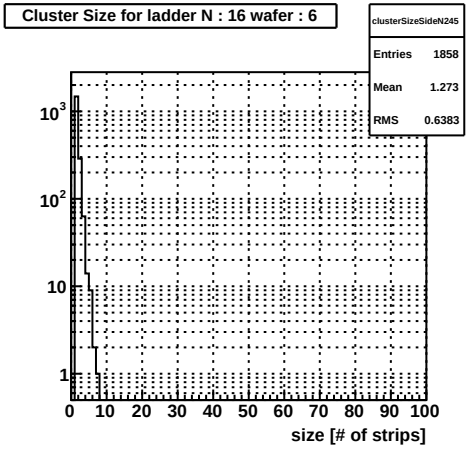

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2270
Mean 1.671
RMS 1.014
size [# of strips]

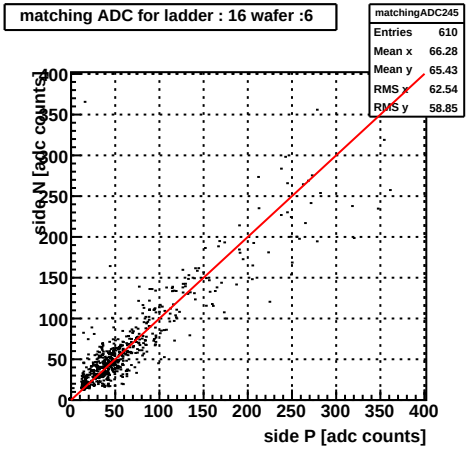

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 389
Mean x 71.25
Mean y 66.99
RMS x 55.5
RMS y 55.93
side N [adc counts]
side P [adc counts]

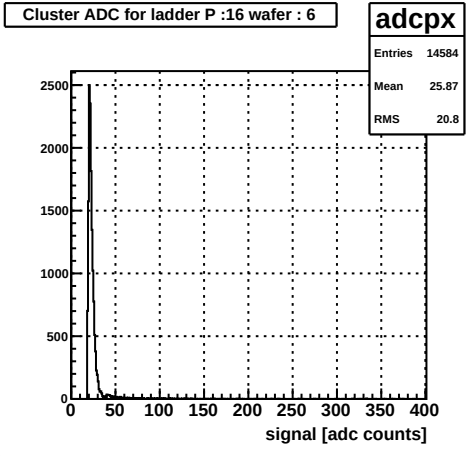

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 19275
Mean 25.1
RMS 14.99
signal [adc counts]

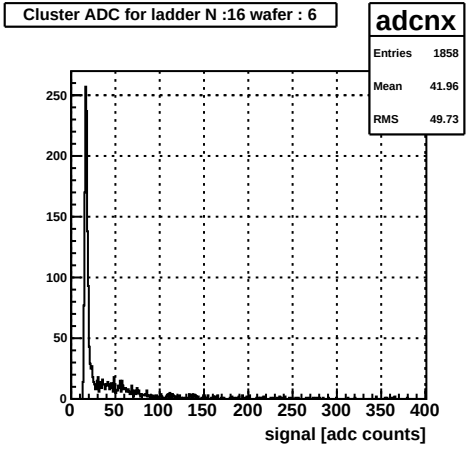

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2270
Mean 43.97
RMS 42.67
signal [adc counts]

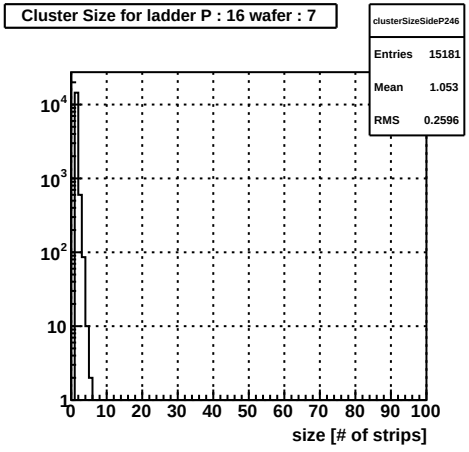

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 14584
Mean 1.033
RMS 0.2047
size [# of strips]

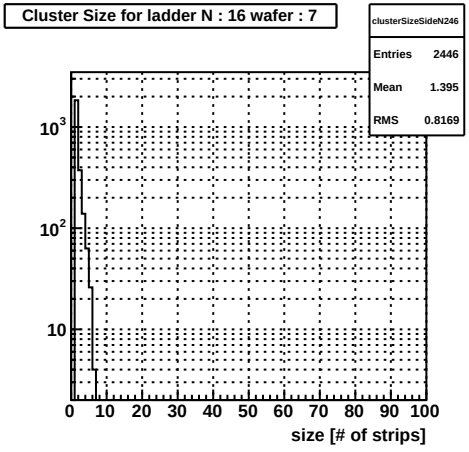

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 1858
Mean 1.273
RMS 0.6383
size [# of strips]

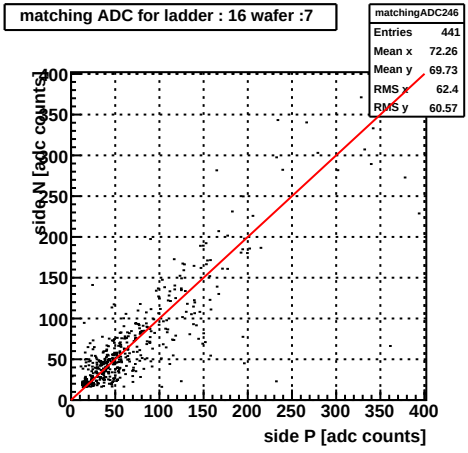

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 610
Mean x 66.28
Mean y 65.43
RMS x 62.54
RMS y 58.85
side N [adc counts]
side P [adc counts]

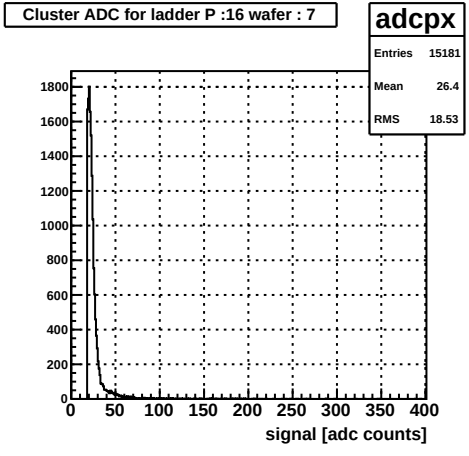

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 14584
Mean 25.87
RMS 20.8
signal [adc counts]

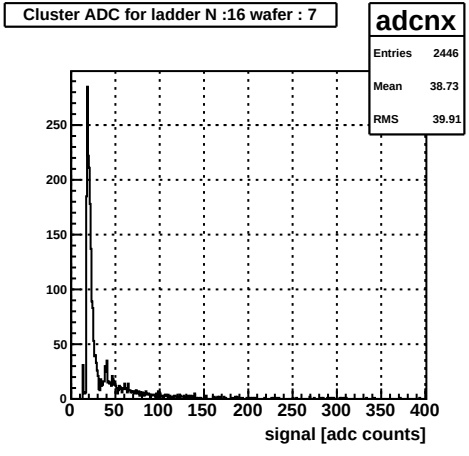

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 1858
Mean 41.96
RMS 49.73
signal [adc counts]

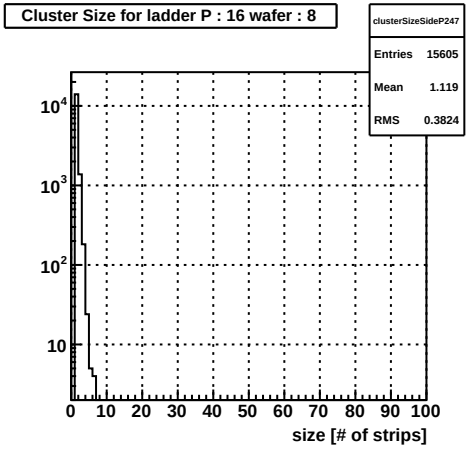

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 15181
Mean 1.053
RMS 0.2596
size [# of strips]

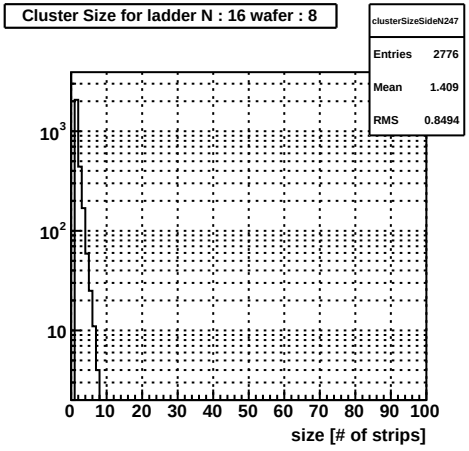

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 2446
Mean 1.395
RMS 0.8169
size [# of strips]

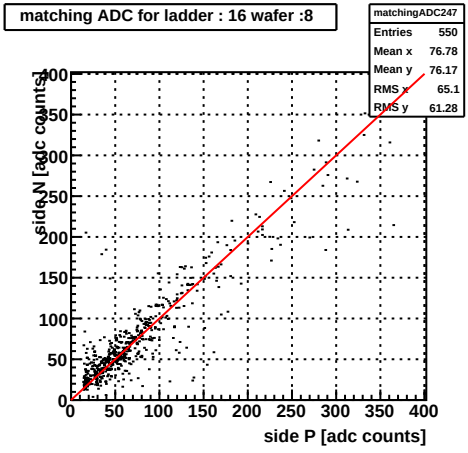

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 441
Mean x 72.26
Mean y 69.73
RMS x 62.4
RMS y 60.57
side N [adc counts]
side P [adc counts]

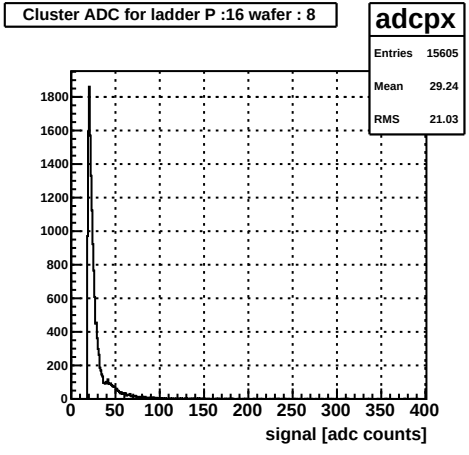

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 15181
Mean 26.4
RMS 18.53
signal [adc counts]

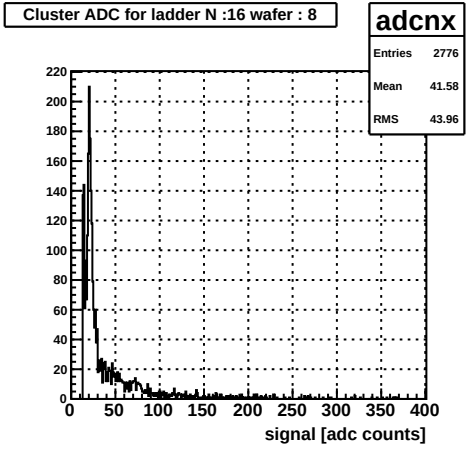

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 2446
Mean 38.73
RMS 39.91
signal [adc counts]

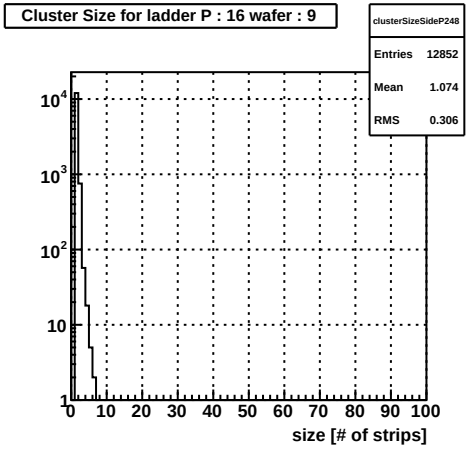

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 15605
Mean 1.119
RMS 0.3824
size [# of strips]

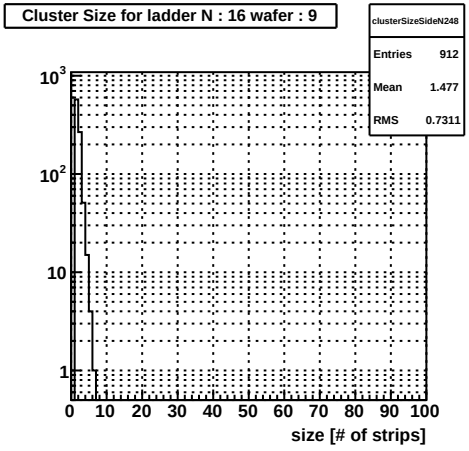

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 2776
Mean 1.409
RMS 0.8494
size [# of strips]

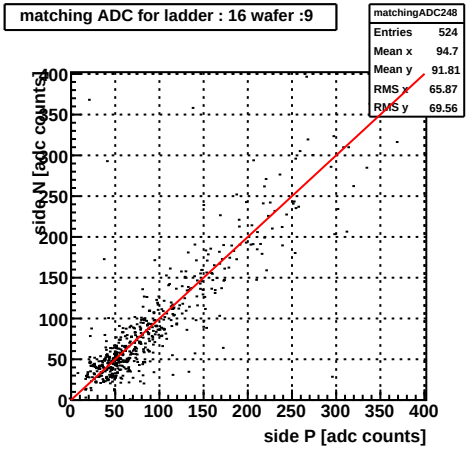

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 550
Mean x 76.78
Mean y 76.17
RMS x 65.1
RMS y 61.28
side N [adc counts]
side P [adc counts]

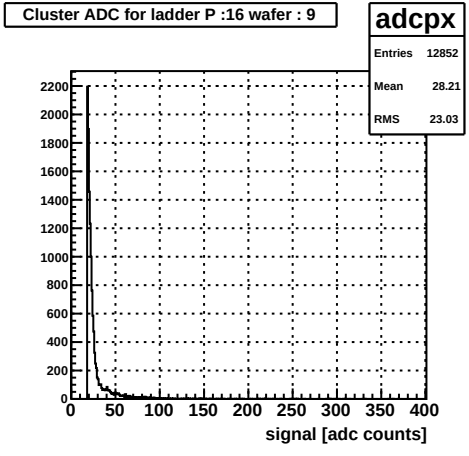

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 15605
Mean 29.24
RMS 21.03
signal [adc counts]

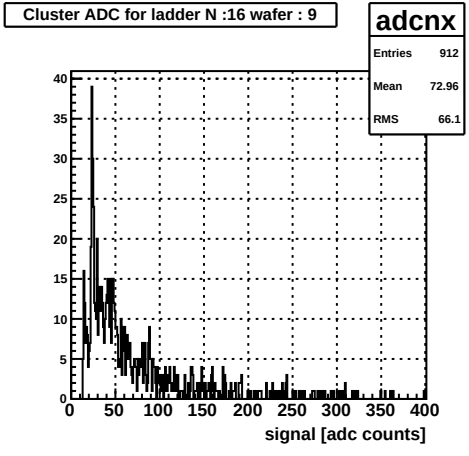

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 2776
Mean 41.58
RMS 43.96
signal [adc counts]

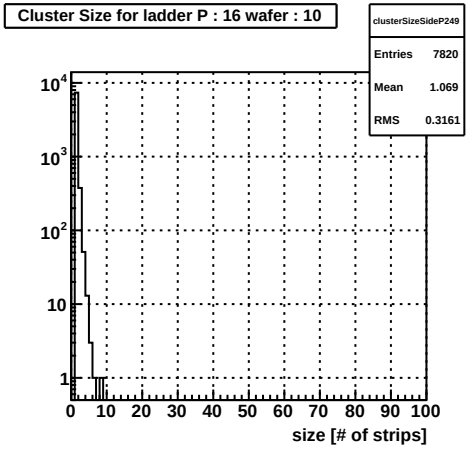

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 12852
Mean 1.074
RMS 0.306
size [# of strips]

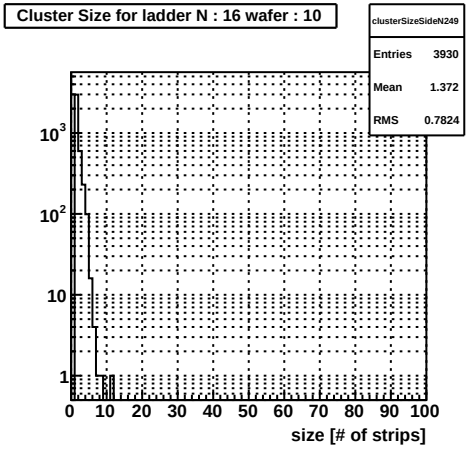

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 912
Mean 1.477
RMS 0.7311
size [# of strips]

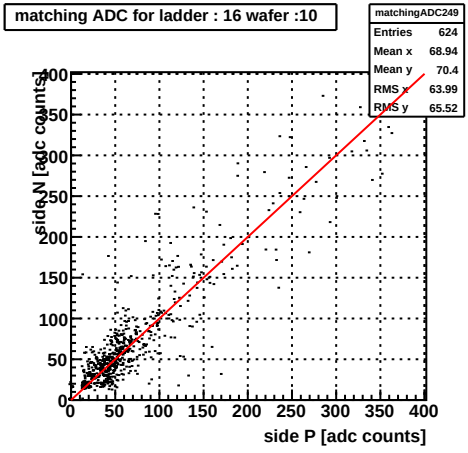

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 524
Mean x 94.7
Mean y 91.81
RMS x 65.87
RMS y 69.56
side N [adc counts]
side P [adc counts]

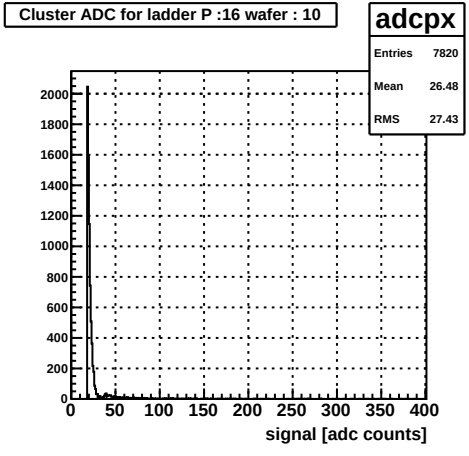

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 12852
Mean 28.21
RMS 23.03
signal [adc counts]

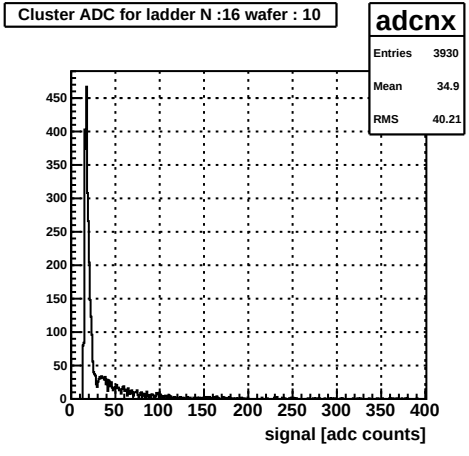

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 912
Mean 72.96
RMS 66.1
signal [adc counts]

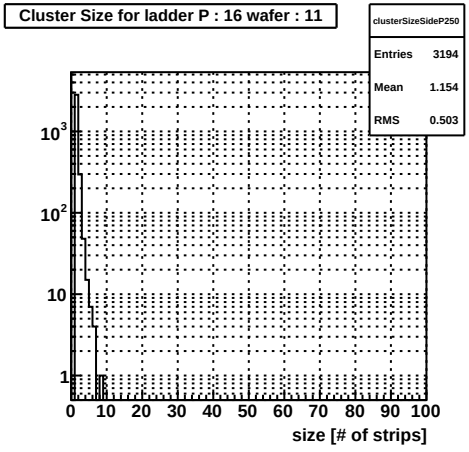

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 7820
Mean 1.069
RMS 0.3161
size [# of strips]

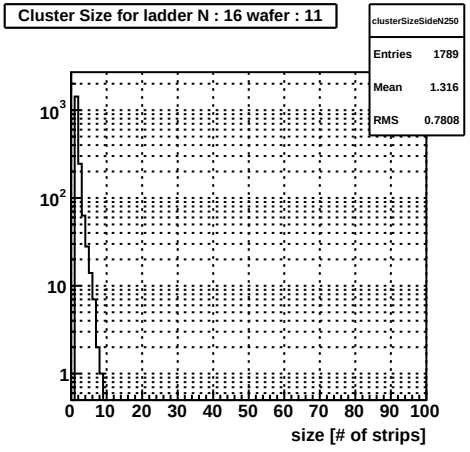

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 3930
Mean 1.372
RMS 0.7824
size [# of strips]

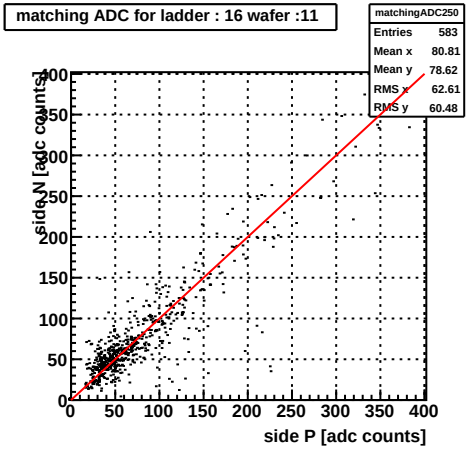

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 624
Mean x 68.94
Mean y 70.4
RMS x 63.99
RMS y 65.52
side N [adc counts]
side P [adc counts]

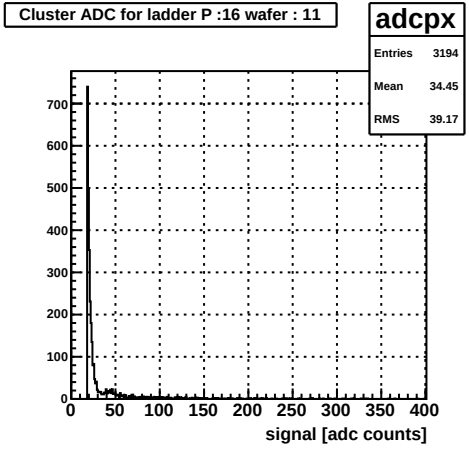

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 7820
Mean 26.48
RMS 27.43
signal [adc counts]

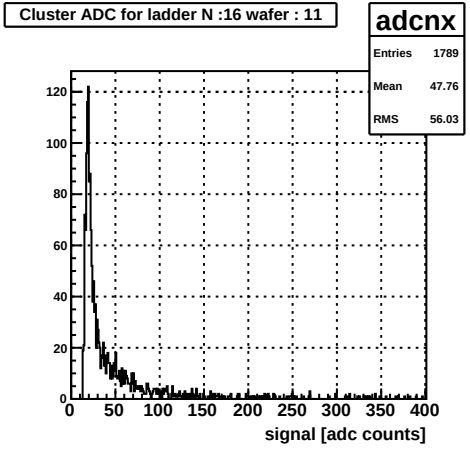

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 3930
Mean 34.9
RMS 40.21
signal [adc counts]

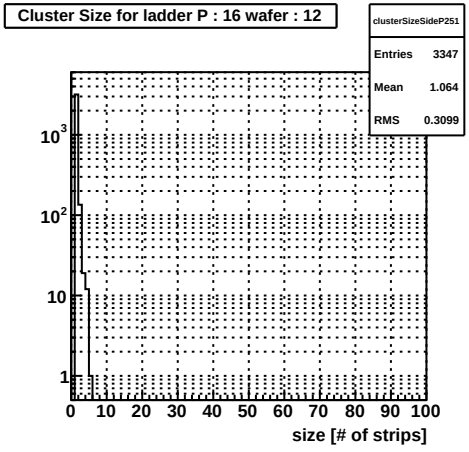

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 3194
Mean 1.154
RMS 0.503
size [# of strips]

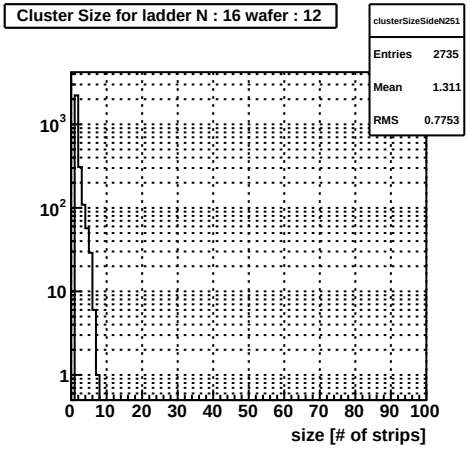

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 1789
Mean 1.316
RMS 0.7808
size [# of strips]

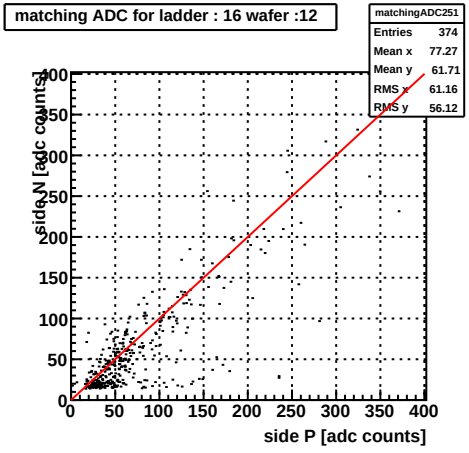

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 583
Mean x 80.81
Mean y 78.62
RMS x 62.61
RMS y 60.48
side N [adc counts]
side P [adc counts]

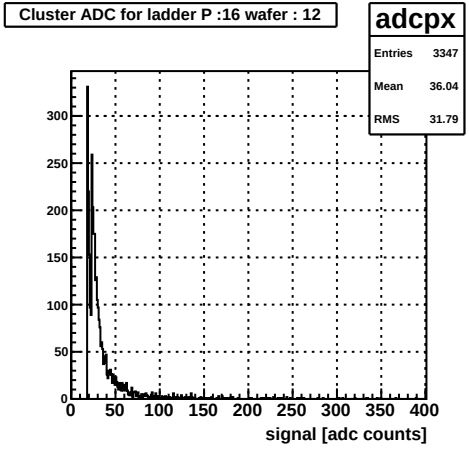

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 3194
Mean 34.45
RMS 39.17
signal [adc counts]

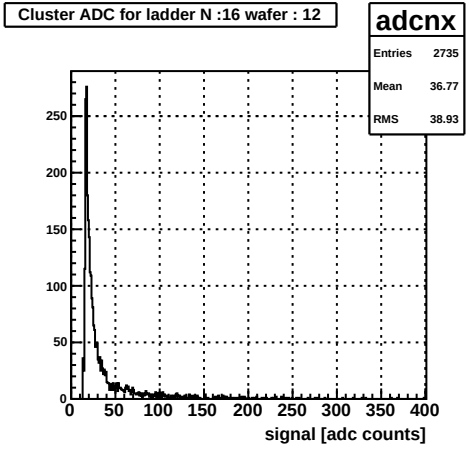

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 1789
Mean 47.76
RMS 56.03
signal [adc counts]

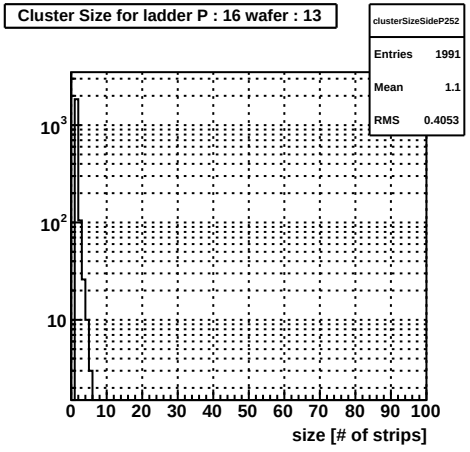

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 3347
Mean 1.064
RMS 0.3099
size [# of strips]

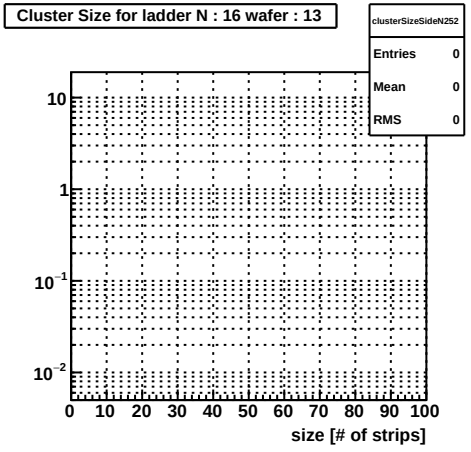

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 2735
Mean 1.311
RMS 0.7753
size [# of strips]

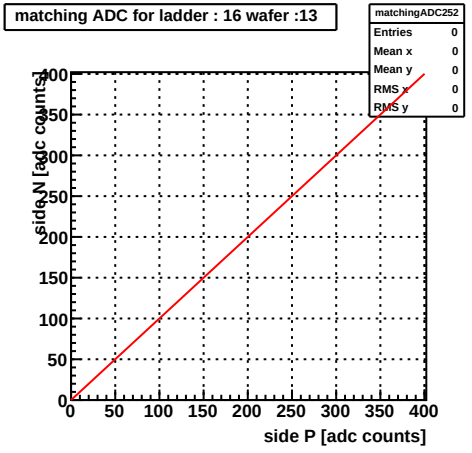

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 374
Mean x 77.27
Mean y 61.71
RMS x 61.16
RMS y 56.12
side N [adc counts]
side P [adc counts]

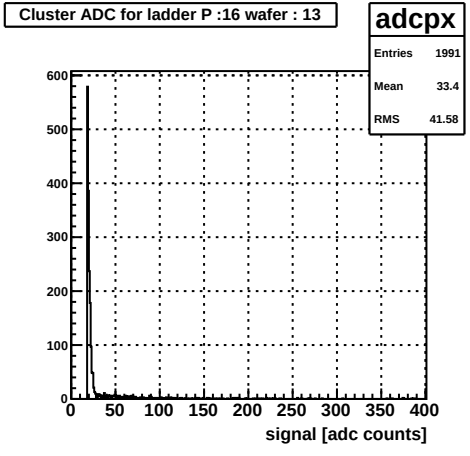

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 3347
Mean 36.04
RMS 31.79
signal [adc counts]

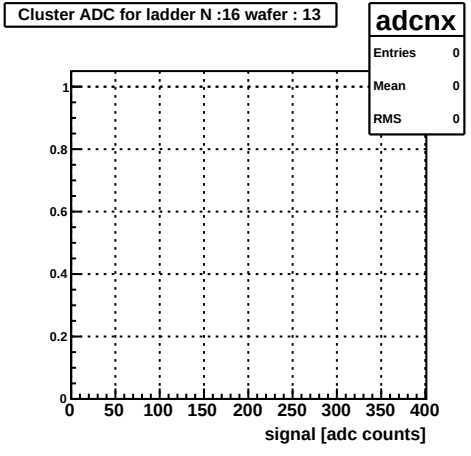

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 2735
Mean 36.77
RMS 38.93
signal [adc counts]

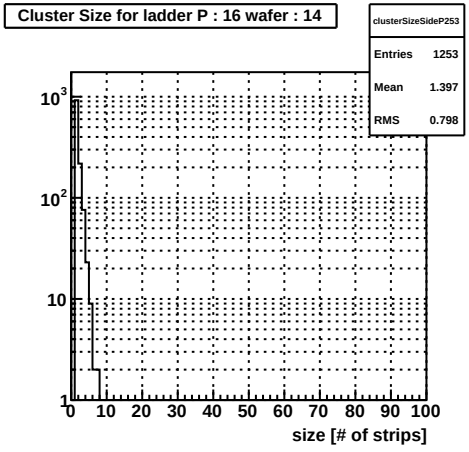

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 1991
Mean 1.1
RMS 0.4053
size [# of strips]

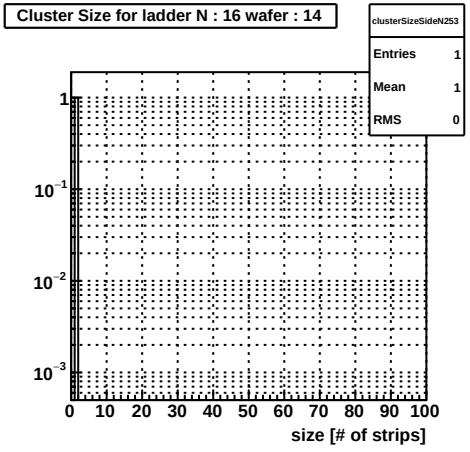

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

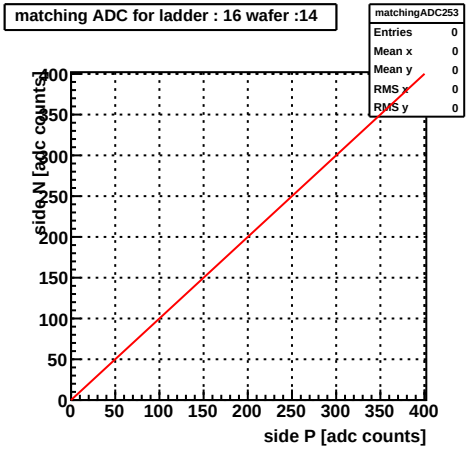

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

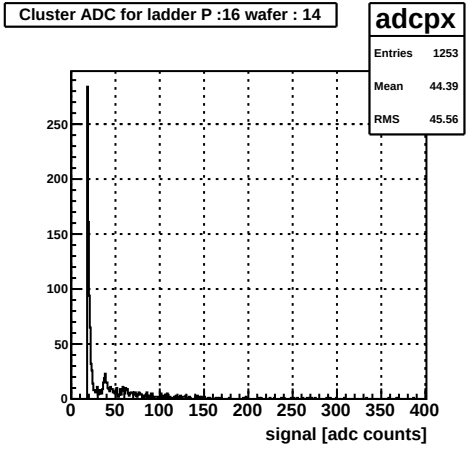

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 1991
Mean 33.4
RMS 41.58
signal [adc counts]

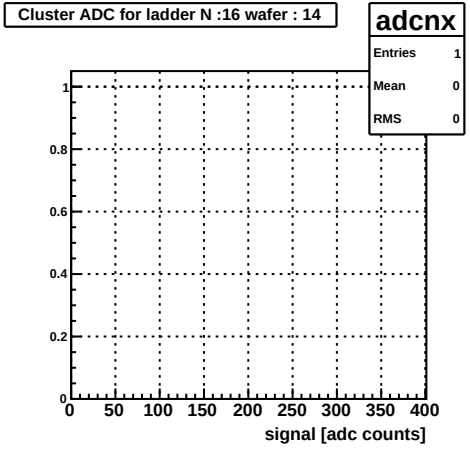

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

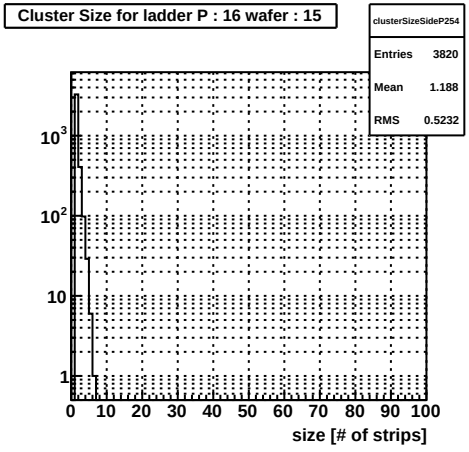

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 1253
Mean 1.397
RMS 0.798
size [# of strips]

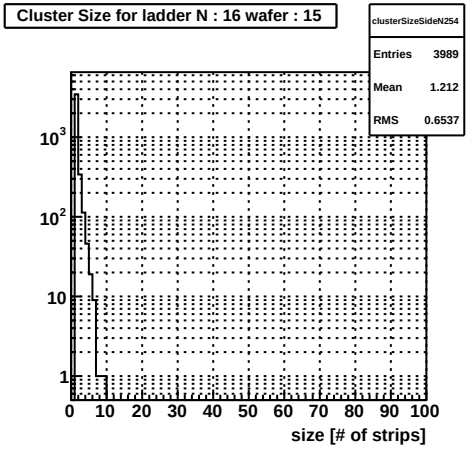

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 1
Mean 1
RMS 0
size [# of strips]

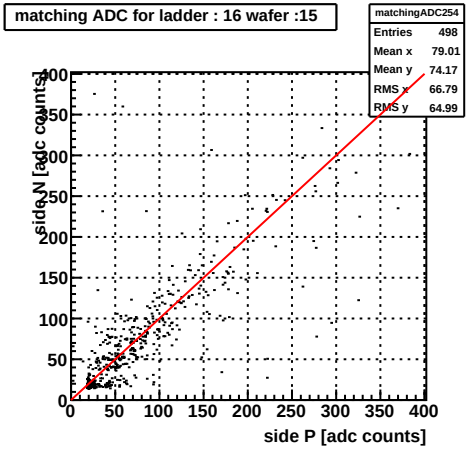

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

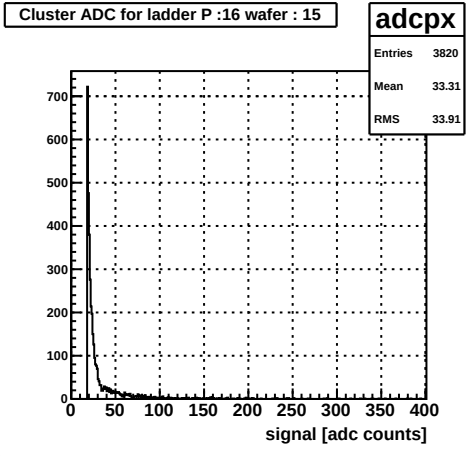

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 1253
Mean 44.39
RMS 45.56
signal [adc counts]

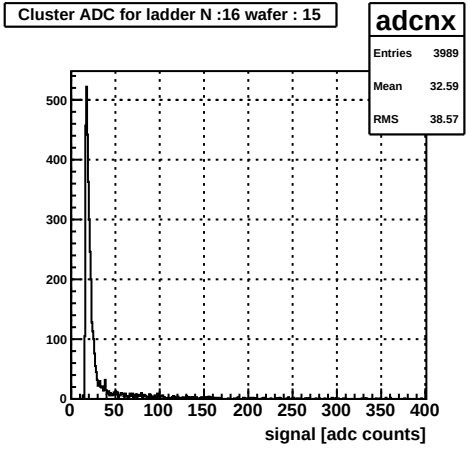

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

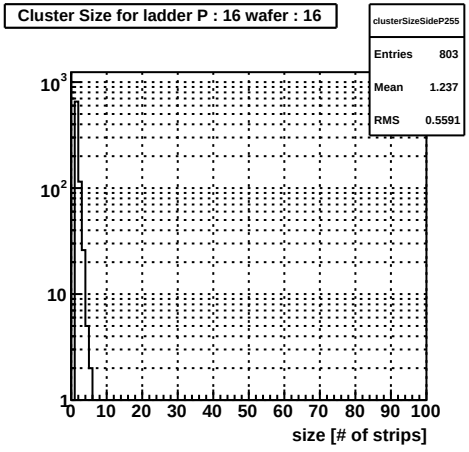

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 3820
Mean 1.188
RMS 0.5232
size [# of strips]

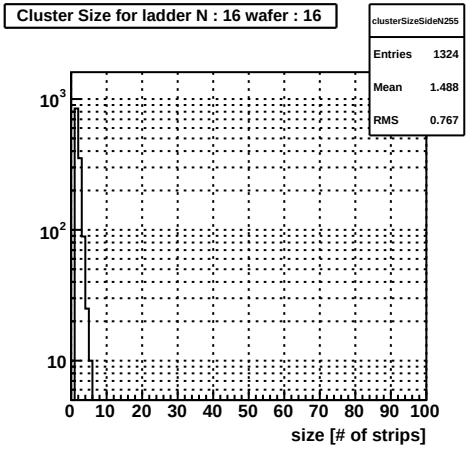

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 3989
Mean 1.212
RMS 0.6537
size [# of strips]

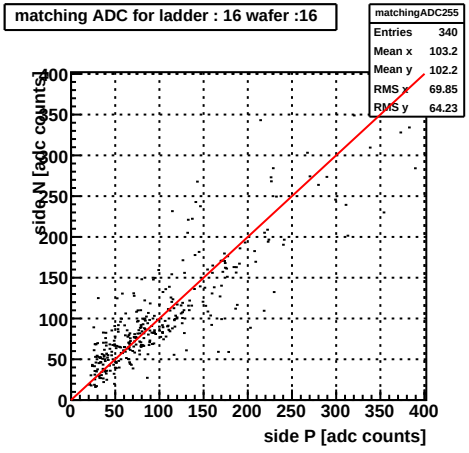

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 498
Mean x 79.01
Mean y 74.17
RMS x 66.79
RMS y 64.99
side N [adc counts]
side P [adc counts]

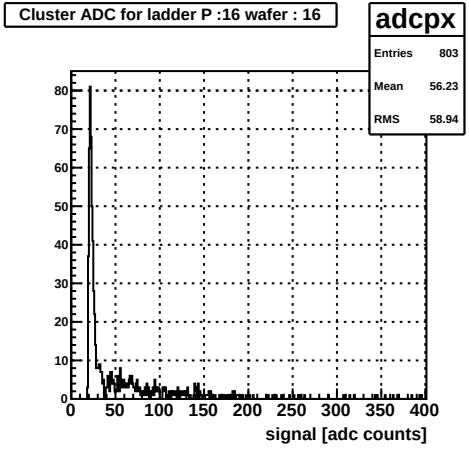

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 3820
Mean 33.31
RMS 33.91
signal [adc counts]

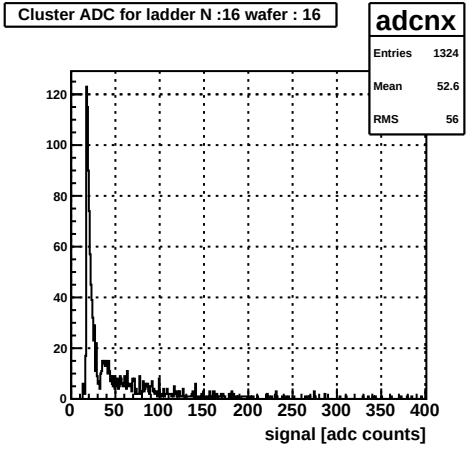

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 3989
Mean 32.59
RMS 38.57
signal [adc counts]

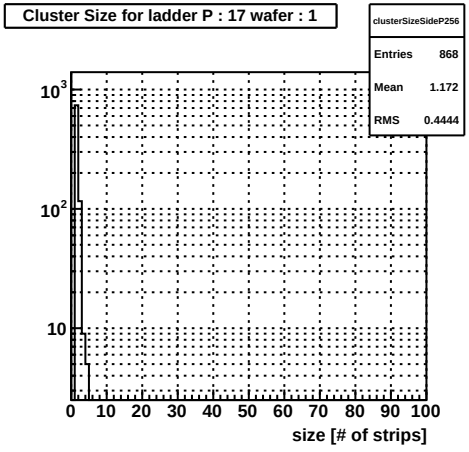

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 803
Mean 1.237
RMS 0.5591
size [# of strips]

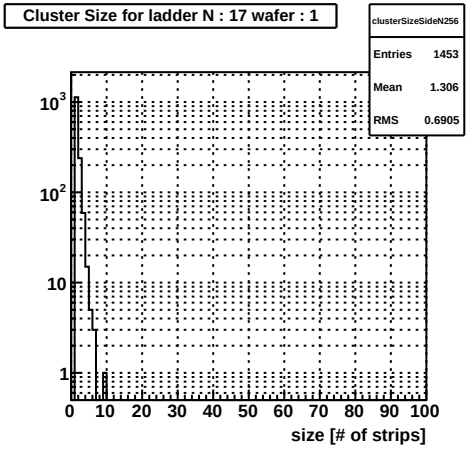

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 1324
Mean 1.488
RMS 0.767
size [# of strips]

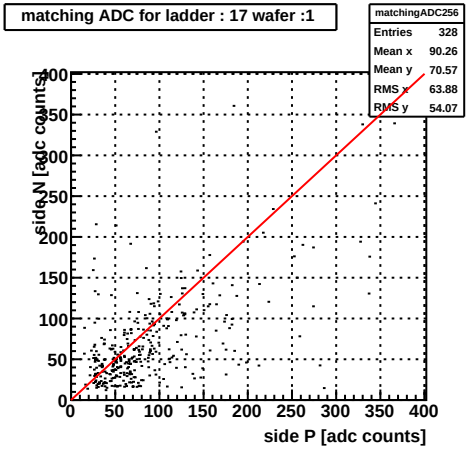

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 340
Mean x 103.2
Mean y 102.2
RMS x 69.85
RMS y 64.23
side N [adc counts]
side P [adc counts]

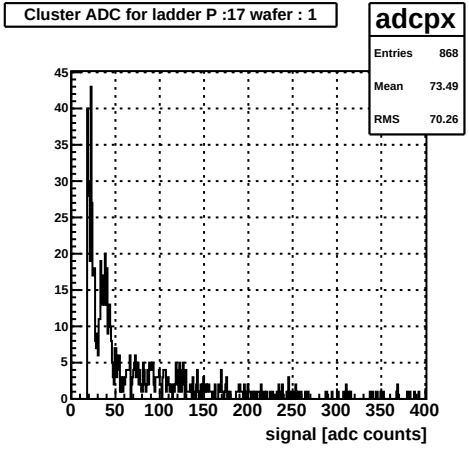

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 803
Mean 56.23
RMS 58.94
signal [adc counts]

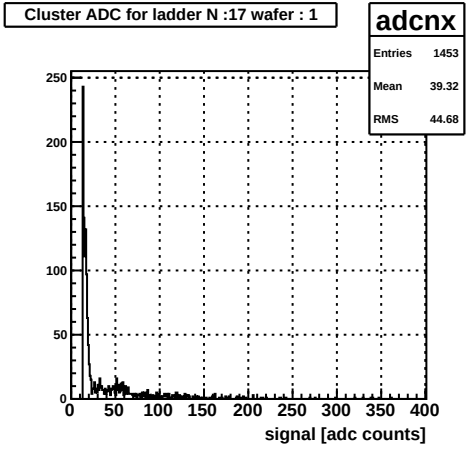

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 1324
Mean 52.6
RMS 56
signal [adc counts]

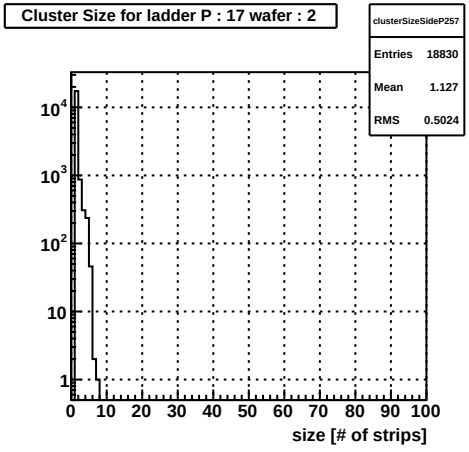

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 868
Mean 1.172
RMS 0.4444
size [# of strips]

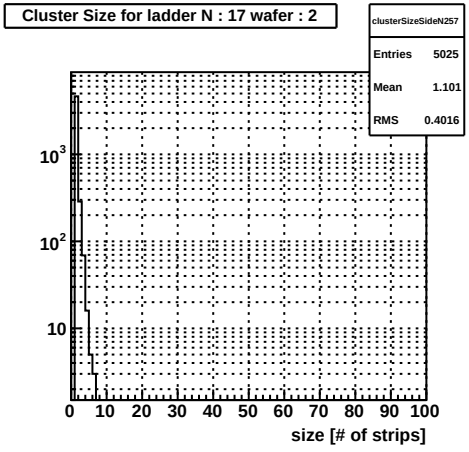

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 1453
Mean 1.306
RMS 0.6905
size [# of strips]

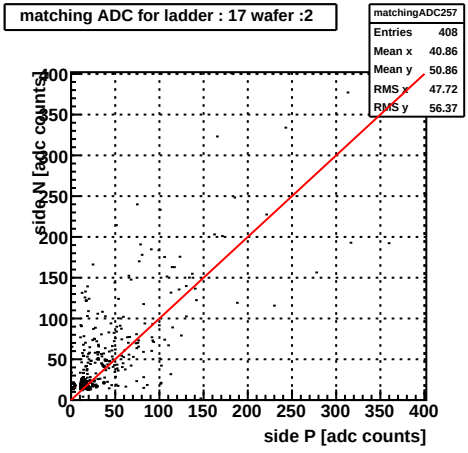

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 328
Mean x 90.26
Mean y 70.57
RMS x 63.88
RMS y 54.07
side N [adc counts]
side P [adc counts]

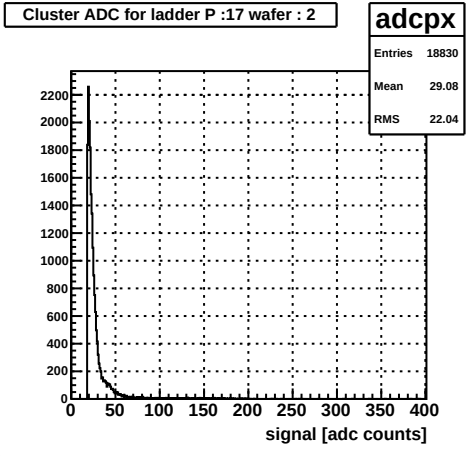

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 868
Mean 73.49
RMS 70.26
signal [adc counts]

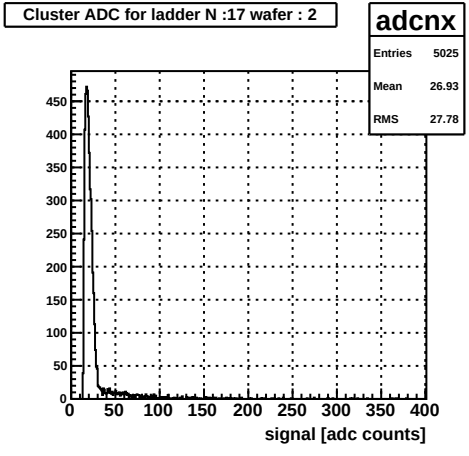

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 1453
Mean 39.32
RMS 44.68
signal [adc counts]

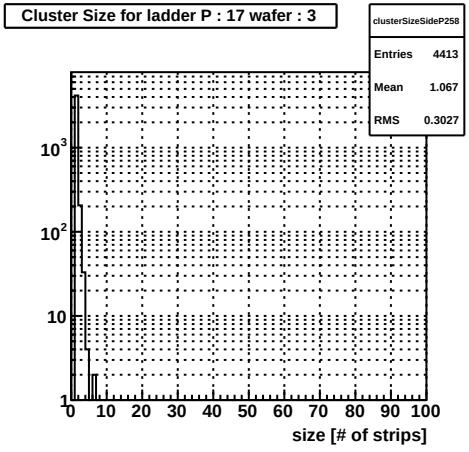

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 18830
Mean 1.127
RMS 0.5024
size [# of strips]

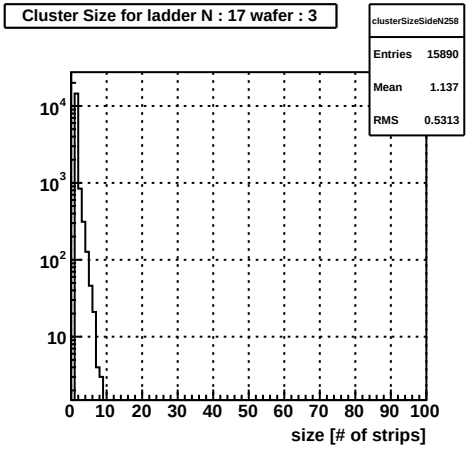

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 5025
Mean 1.101
RMS 0.4016
size [# of strips]

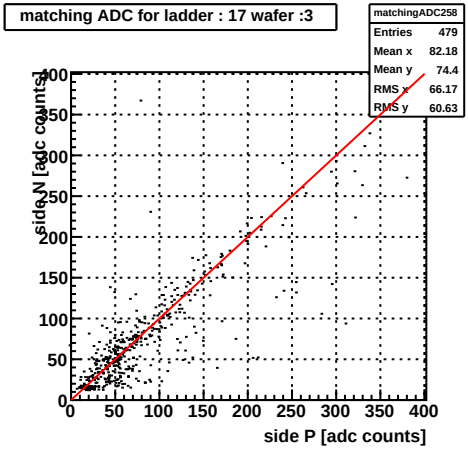

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 408
Mean x 40.86
Mean y 50.86
RMS x 47.72
RMS y 56.37
side N [adc counts]
side P [adc counts]

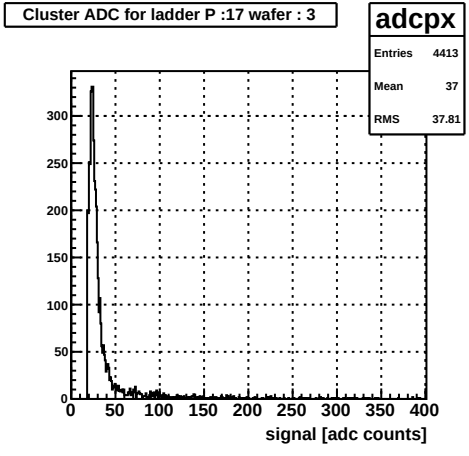

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 18830
Mean 29.08
RMS 22.04
signal [adc counts]

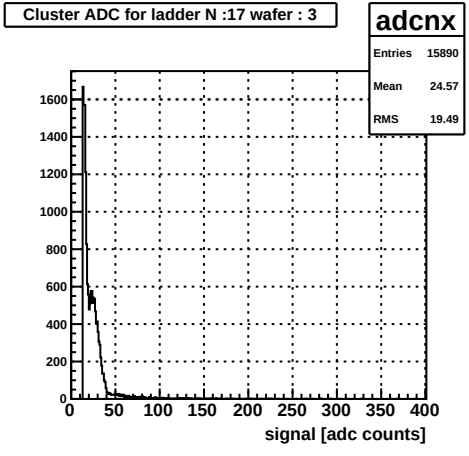

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 5025
Mean 26.93
RMS 27.78
signal [adc counts]

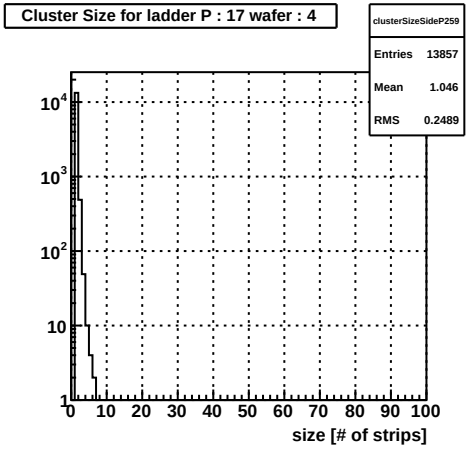

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 4413
Mean 1.067
RMS 0.3027
size [# of strips]

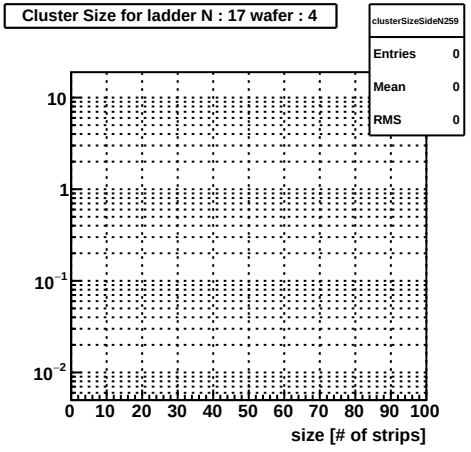

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 15890
Mean 1.137
RMS 0.5313
size [# of strips]

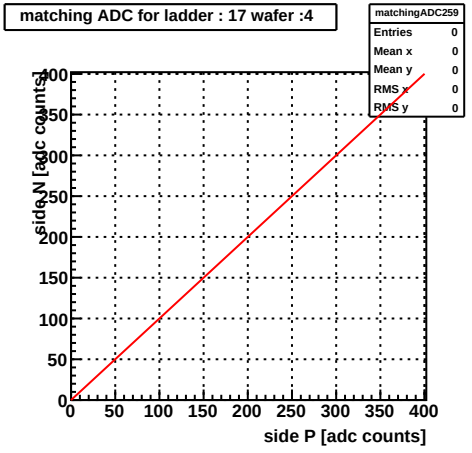

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 479
Mean x 82.18
Mean y 74.4
RMS x 66.17
RMS y 60.63
side N [adc counts]
side P [adc counts]

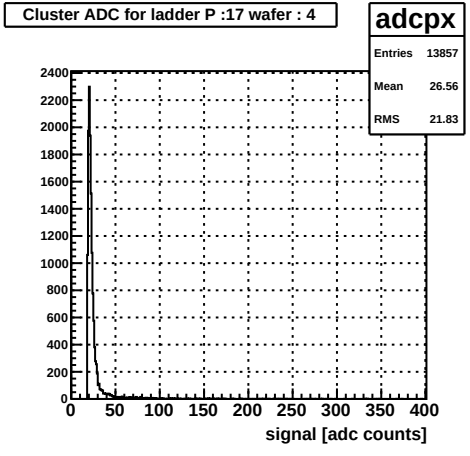

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 4413
Mean 37
RMS 37.81
signal [adc counts]

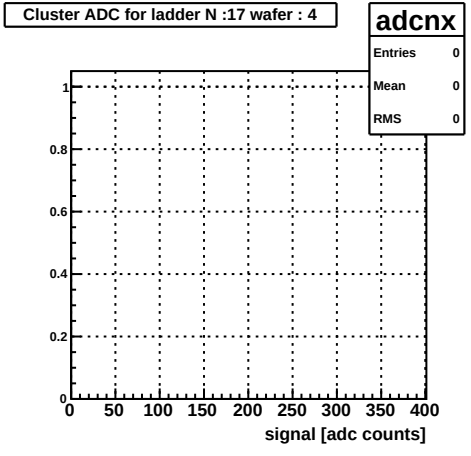

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 15890
Mean 24.57
RMS 19.49
signal [adc counts]

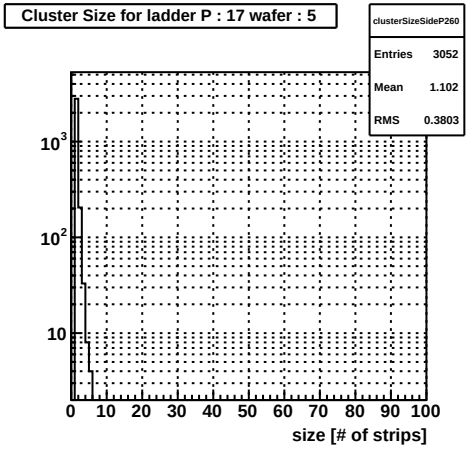

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 13857
Mean 1.046
RMS 0.2489
size [# of strips]

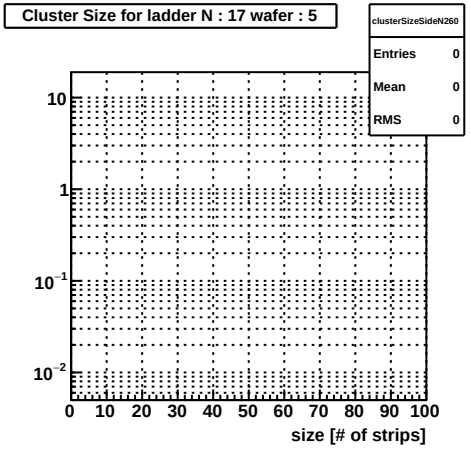

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

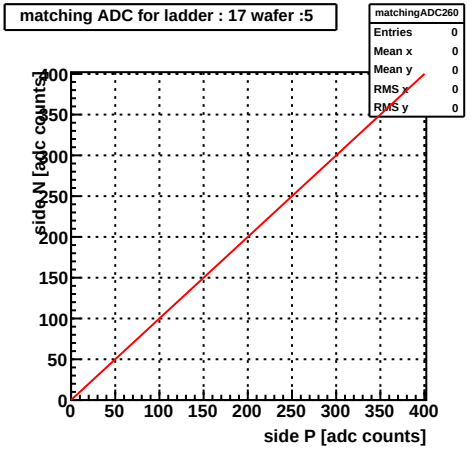

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

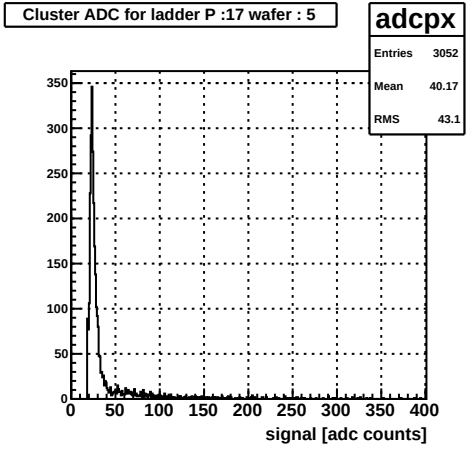

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 13857
Mean 26.56
RMS 21.83
signal [adc counts]

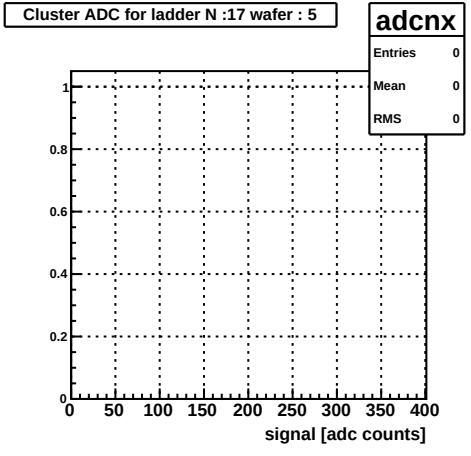

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

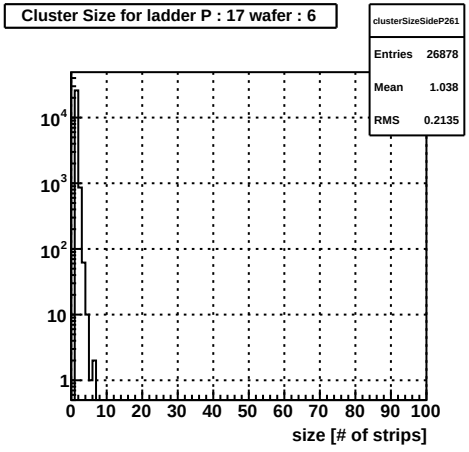

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 3052
Mean 1.102
RMS 0.3803
size [# of strips]

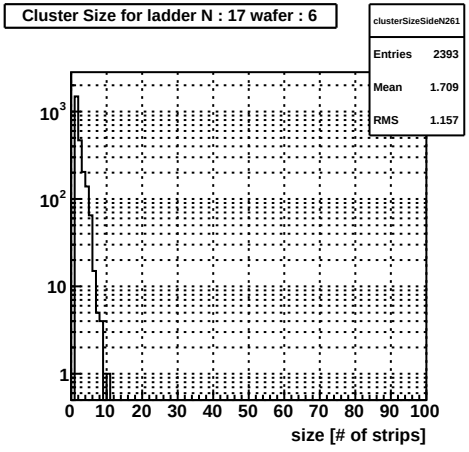

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

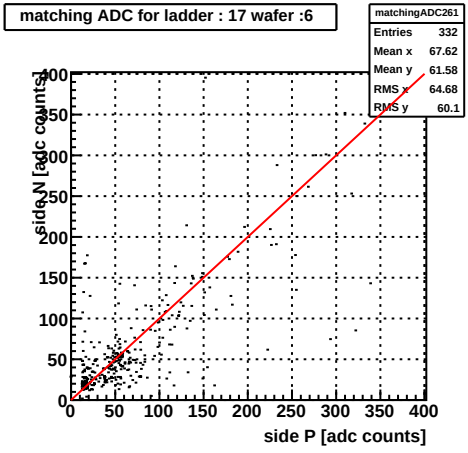

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

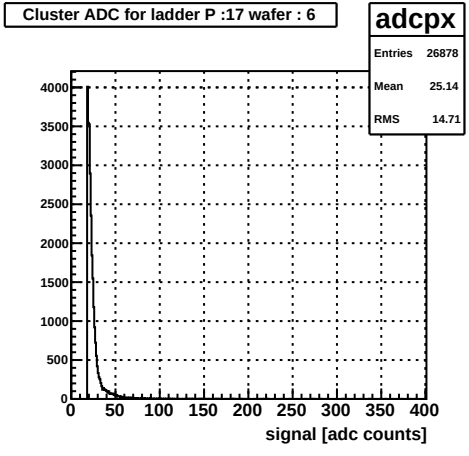

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 3052
Mean 40.17
RMS 43.1
signal [adc counts]

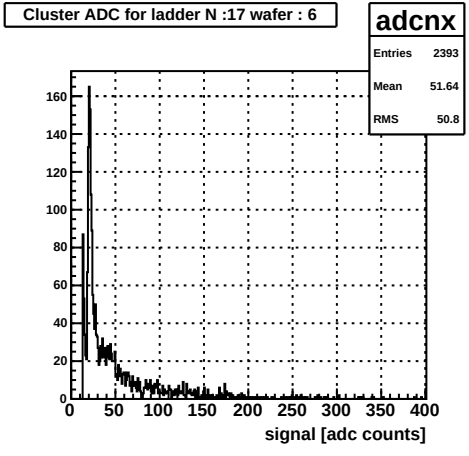

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

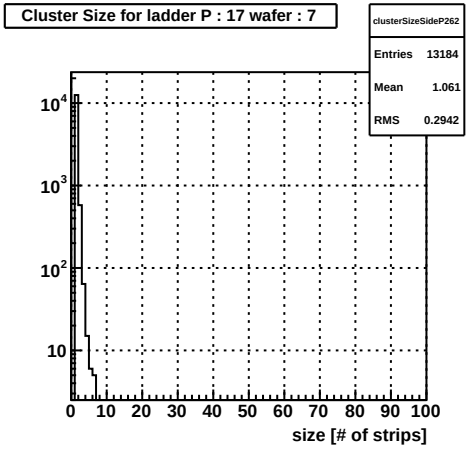

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 26878
Mean 1.038
RMS 0.2135
size [# of strips]

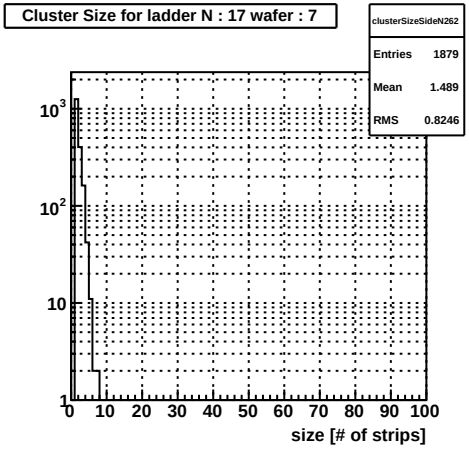

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 2393
Mean 1.709
RMS 1.157
size [# of strips]

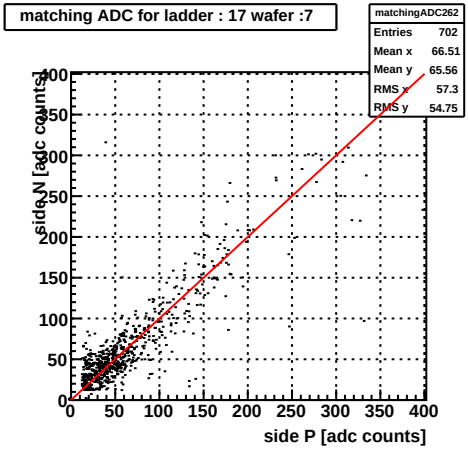

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 332
Mean x 67.62
Mean y 61.58
RMS x 64.68
RMS y 60.1
side N [adc counts]
side P [adc counts]

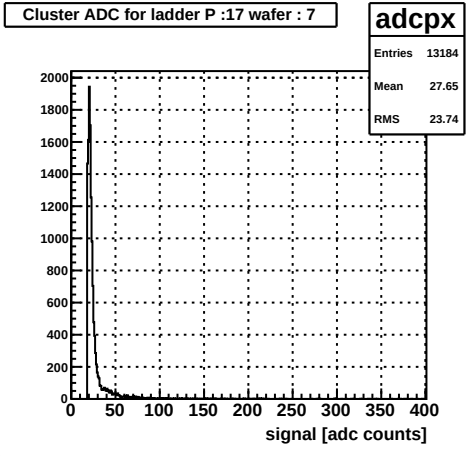

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 26878
Mean 25.14
RMS 14.71
signal [adc counts]

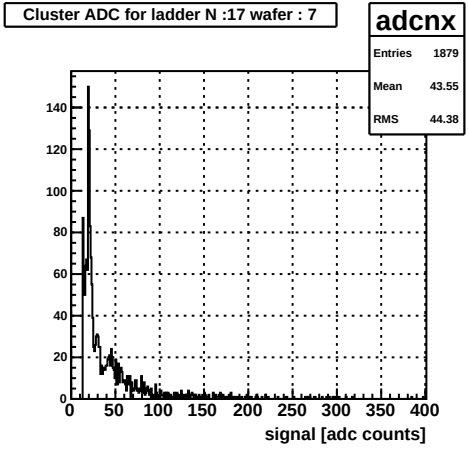

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 2393
Mean 51.64
RMS 50.8
signal [adc counts]

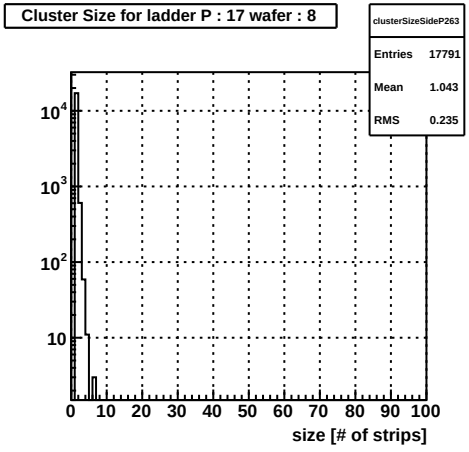

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 13184
Mean 1.061
RMS 0.2942
size [# of strips]

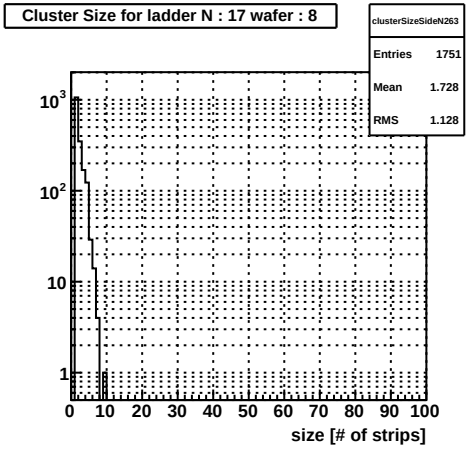

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 1879
Mean 1.489
RMS 0.8246
size [# of strips]

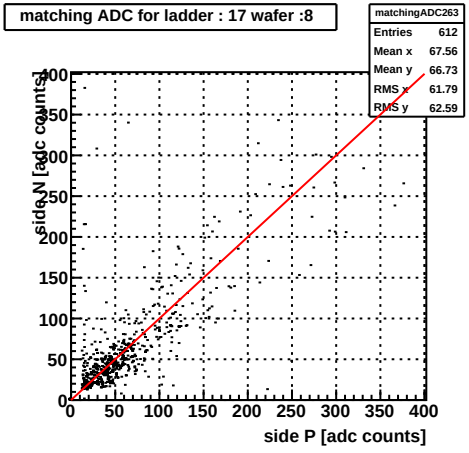

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 702
Mean x 66.51
Mean y 65.56
RMS x 57.3
RMS y 54.75
side N [adc counts]
side P [adc counts]

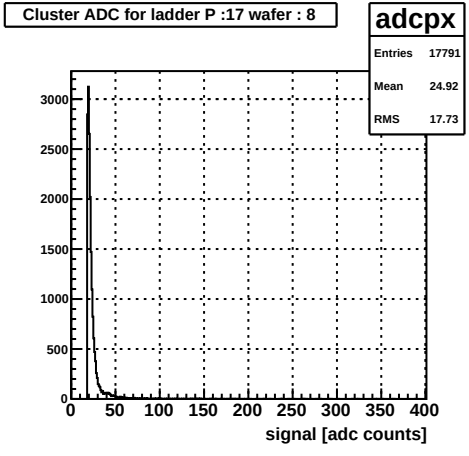

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 13184
Mean 27.65
RMS 23.74
signal [adc counts]

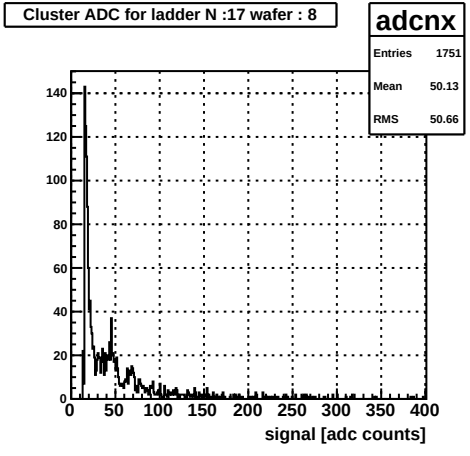

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 1879
Mean 43.55
RMS 44.38
signal [adc counts]

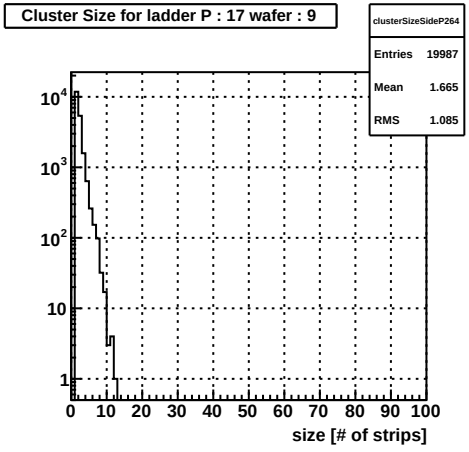

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 17791
Mean 1.043
RMS 0.235
size [# of strips]

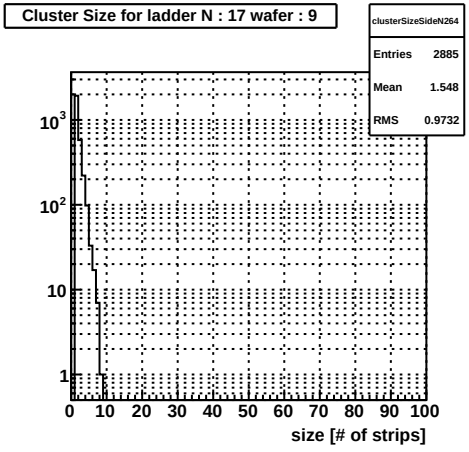

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 1751
Mean 1.728
RMS 1.128
size [# of strips]

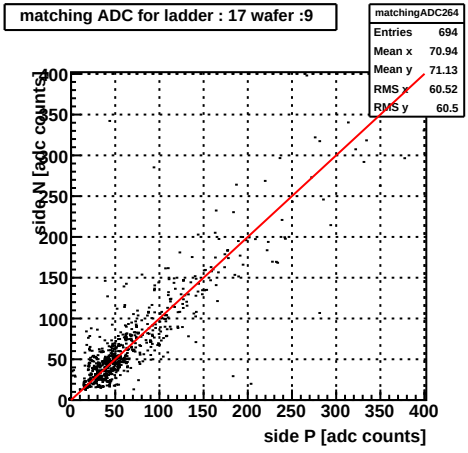

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 612
Mean x 67.56
Mean y 66.73
RMS x 61.79
RMS y 62.59
side N [adc counts]
side P [adc counts]

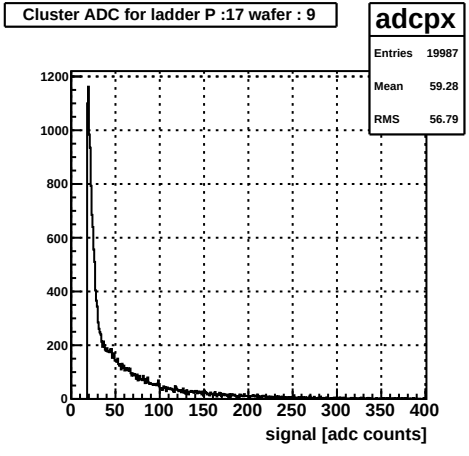

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 17791
Mean 24.92
RMS 17.73
signal [adc counts]

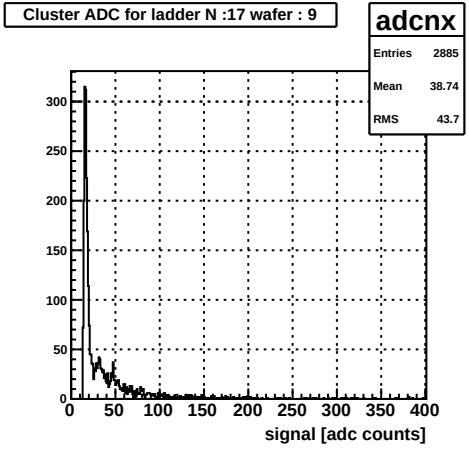

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 1751
Mean 50.13
RMS 50.66
signal [adc counts]

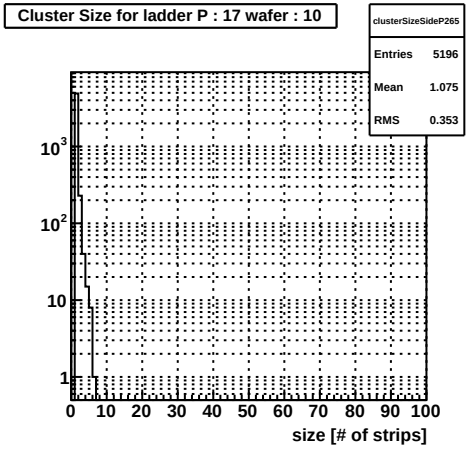

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 19987
Mean 1.665
RMS 1.085
size [# of strips]

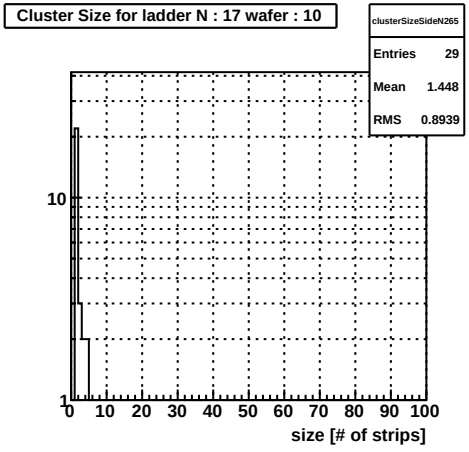

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 2885
Mean 1.548
RMS 0.9732
size [# of strips]

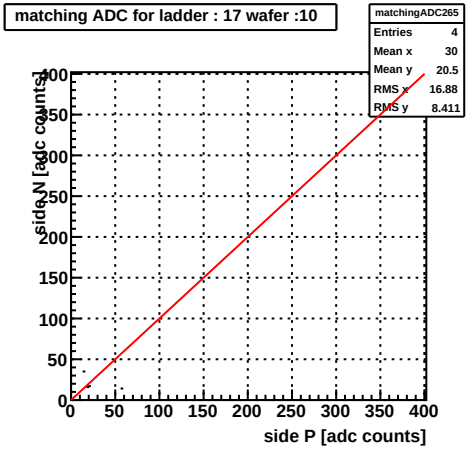

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 694
Mean x 70.94
Mean y 71.13
RMS x 60.52
RMS y 60.5
side N [adc counts]
side P [adc counts]

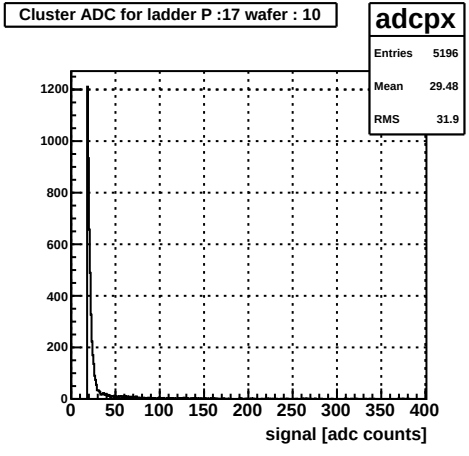

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 19987
Mean 59.28
RMS 56.79
signal [adc counts]

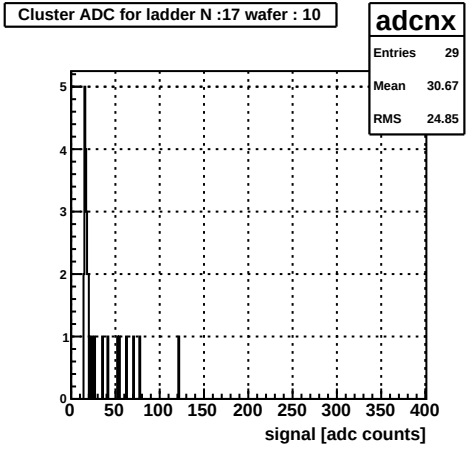

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 2885
Mean 38.74
RMS 43.7
signal [adc counts]

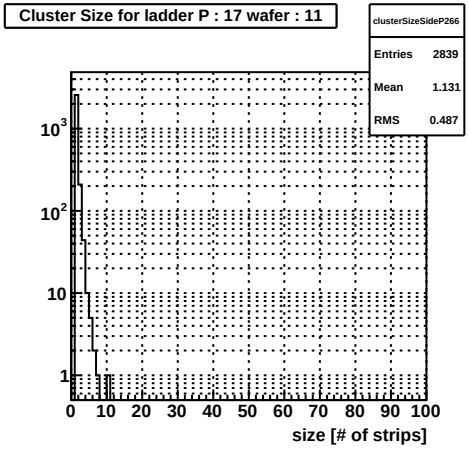

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 5196
Mean 1.075
RMS 0.353
size [# of strips]

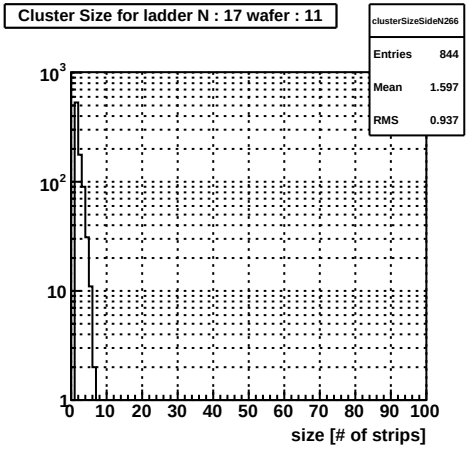

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 29
Mean 1.448
RMS 0.8939
size [# of strips]

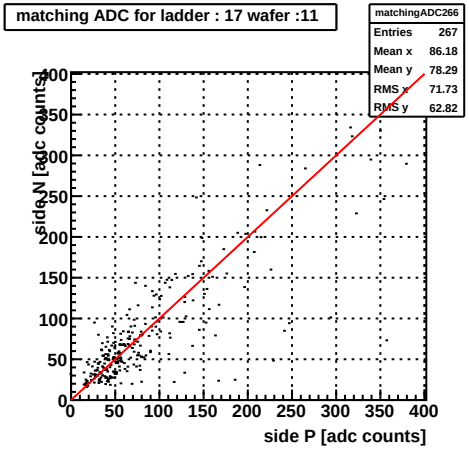

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 4
Mean x 30
Mean y 20.5
RMS x 16.88
RMS y 8.411
side N [adc counts]
side P [adc counts]

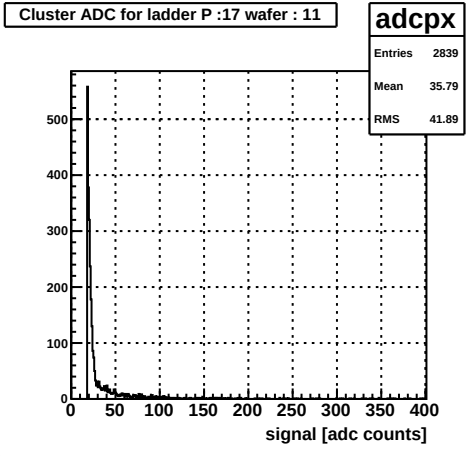

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 5196
Mean 29.48
RMS 31.9
signal [adc counts]

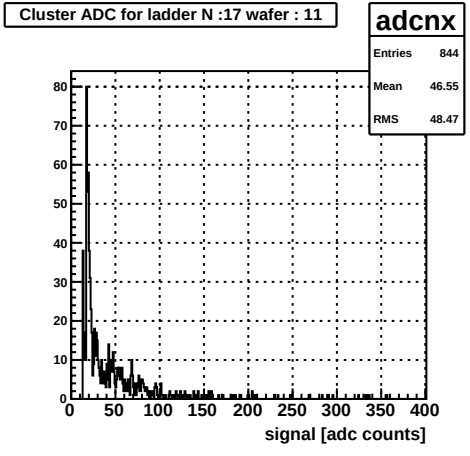

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 29
Mean 30.67
RMS 24.85
signal [adc counts]

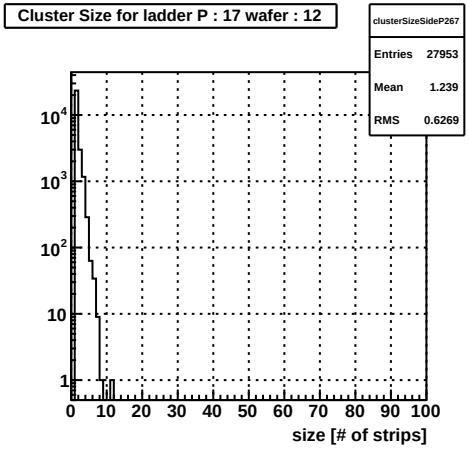

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 2839
Mean 1.131
RMS 0.487
size [# of strips]

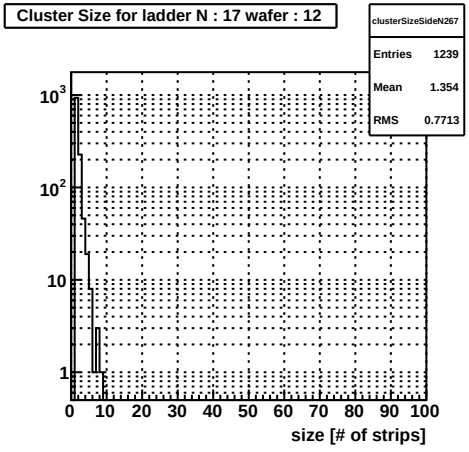

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 844
Mean 1.597
RMS 0.937
size [# of strips]

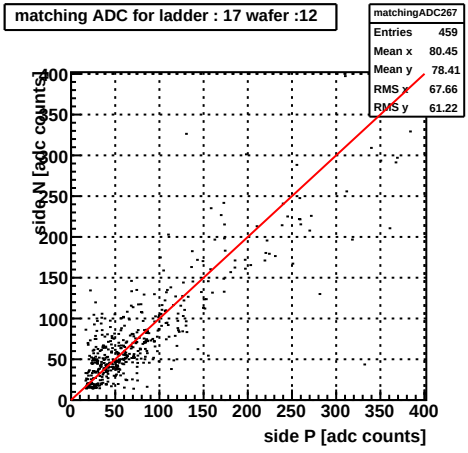

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 267
Mean x 86.18
Mean y 78.29
RMS x 71.73
RMS y 62.82
side N [adc counts]
side P [adc counts]

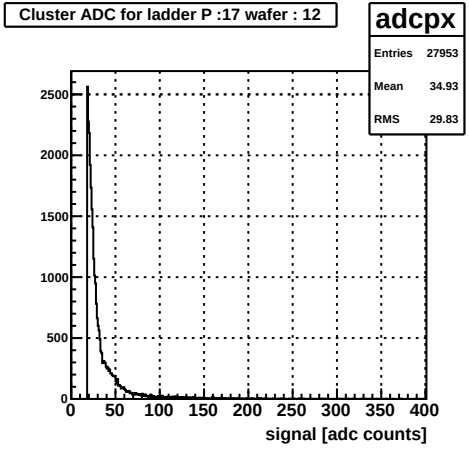

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 2839
Mean 35.79
RMS 41.89
signal [adc counts]

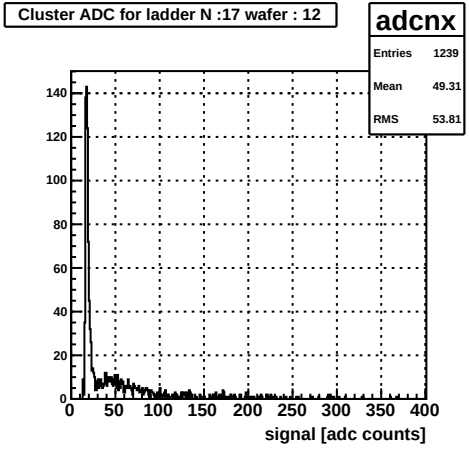

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 844
Mean 46.55
RMS 48.47
signal [adc counts]

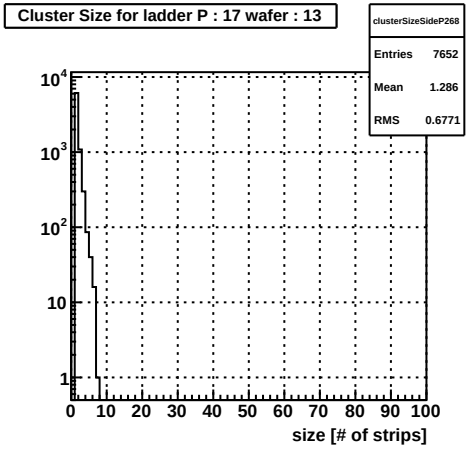

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 27953
Mean 1.239
RMS 0.6269
size [# of strips]

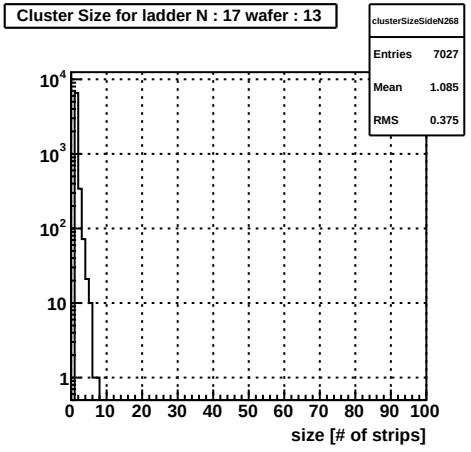

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 1239
Mean 1.354
RMS 0.7713
size [# of strips]

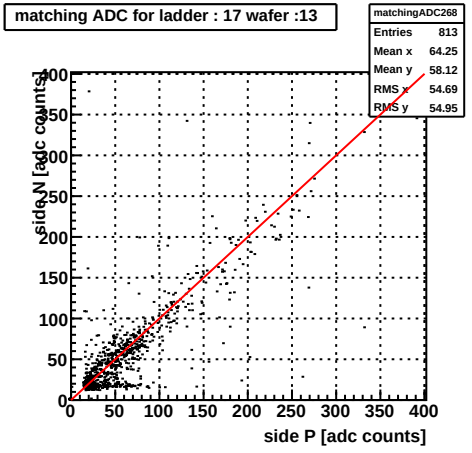

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 459
Mean x 80.45
Mean y 78.41
RMS x 67.66
RMS y 61.22
side N [adc counts]
side P [adc counts]

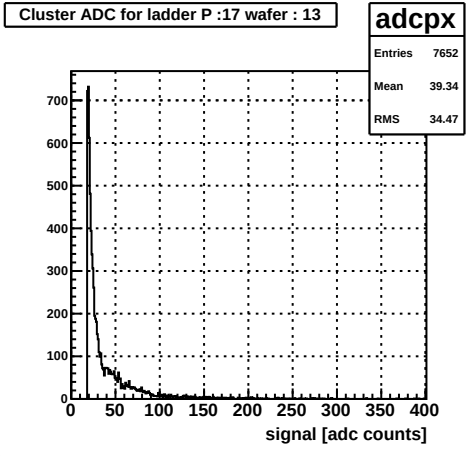

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 27953
Mean 34.93
RMS 29.83
signal [adc counts]

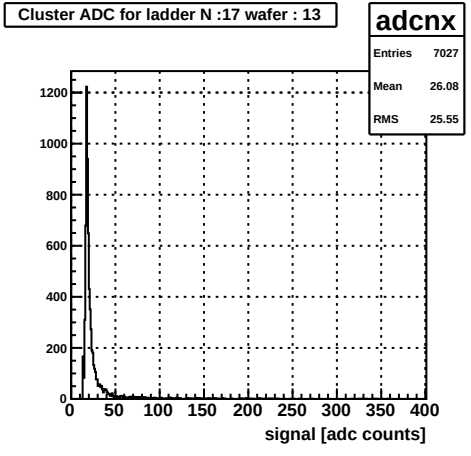

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 1239
Mean 49.31
RMS 53.81
signal [adc counts]

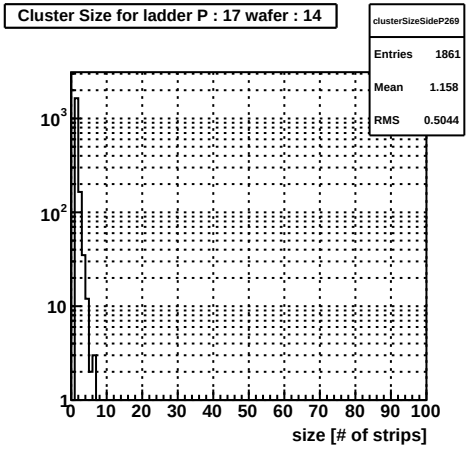

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 7652
Mean 1.286
RMS 0.6771
size [# of strips]

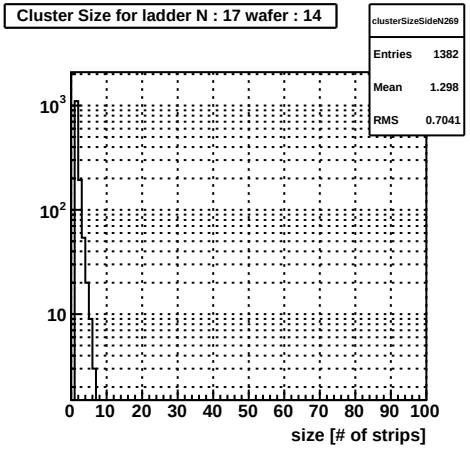

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 7027
Mean 1.085
RMS 0.375
size [# of strips]

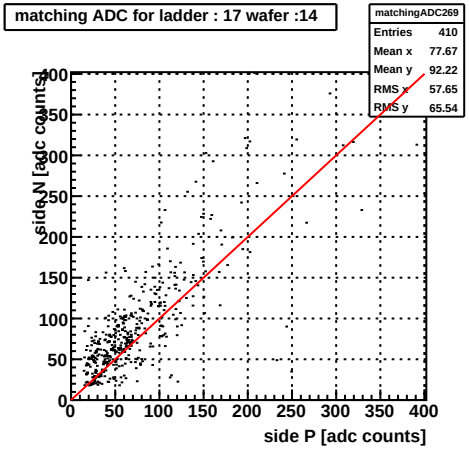

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 813
Mean x 64.25
Mean y 58.12
RMS x 54.69
RMS y 54.95
side N [adc counts]
side P [adc counts]

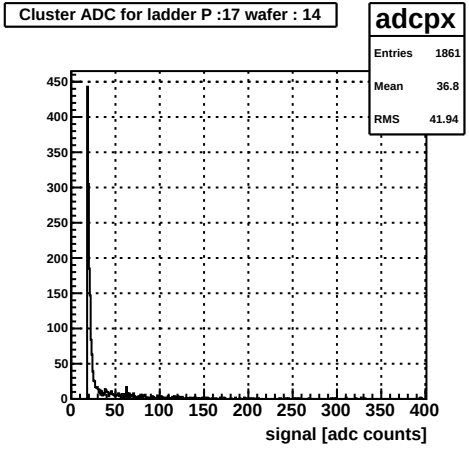

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 7652
Mean 39.34
RMS 34.47
signal [adc counts]

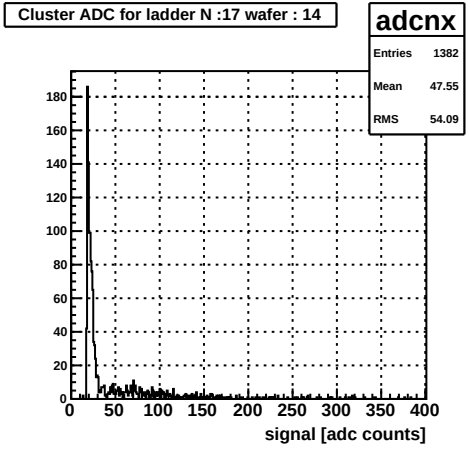

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 7027
Mean 26.08
RMS 25.55
signal [adc counts]

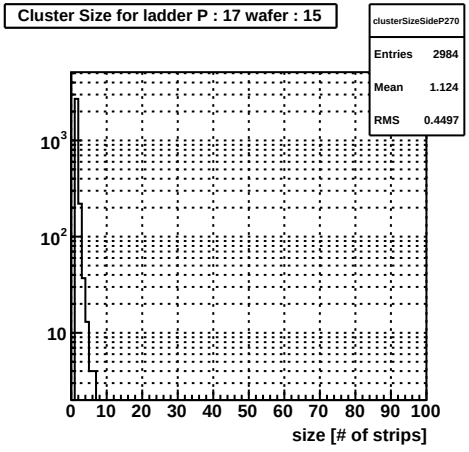

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 1861
Mean 1.158
RMS 0.5044
size [# of strips]

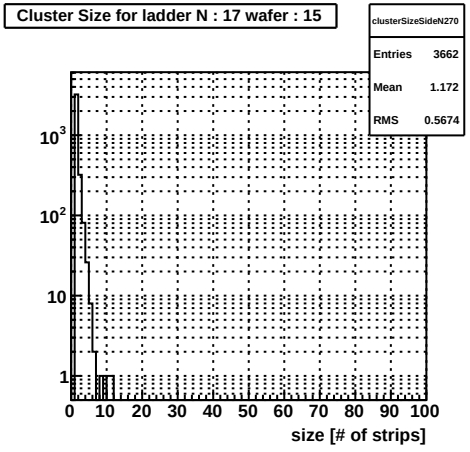

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 1382
Mean 1.298
RMS 0.7041
size [# of strips]

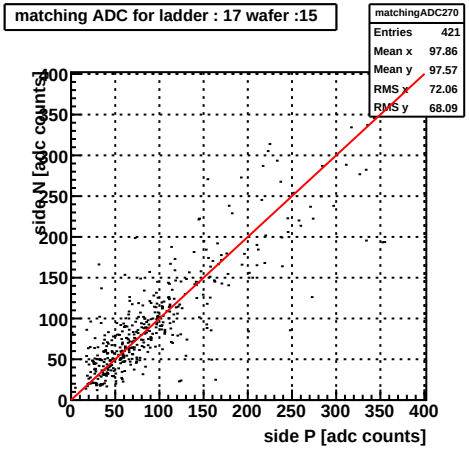

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 410
Mean x 77.67
Mean y 92.22
RMS x 57.65
RMS y 65.54
side N [adc counts]
side P [adc counts]

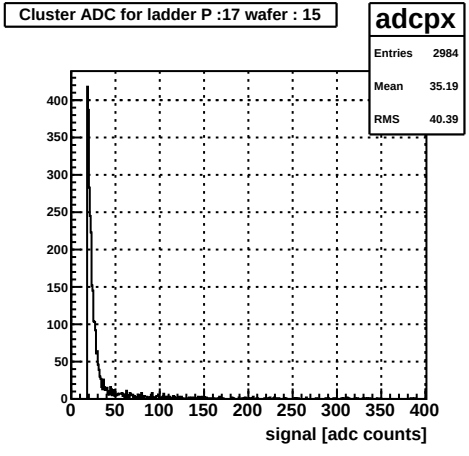

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 1861
Mean 36.8
RMS 41.94
signal [adc counts]

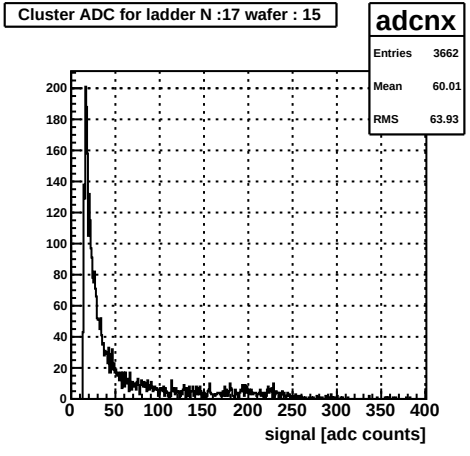

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 1382
Mean 47.55
RMS 54.09
signal [adc counts]

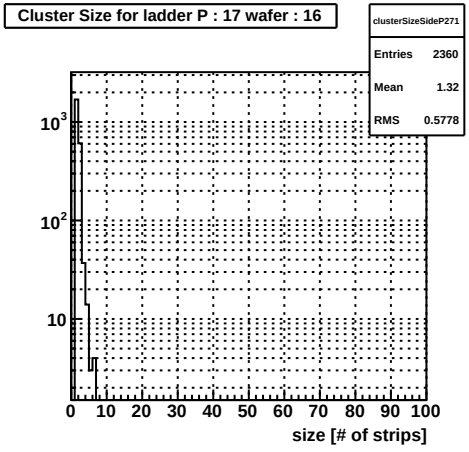

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 2984
Mean 1.124
RMS 0.4497
size [# of strips]

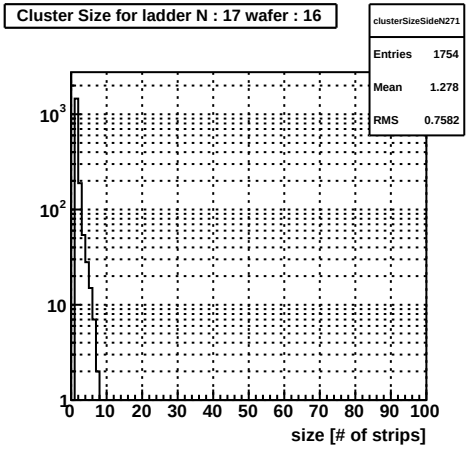

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 3662
Mean 1.172
RMS 0.5674
size [# of strips]

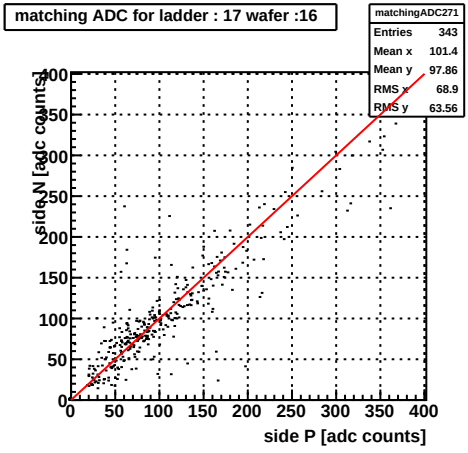

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 421
Mean x 97.86
Mean y 97.57
RMS x 72.06
RMS y 68.09
side N [adc counts]
side P [adc counts]

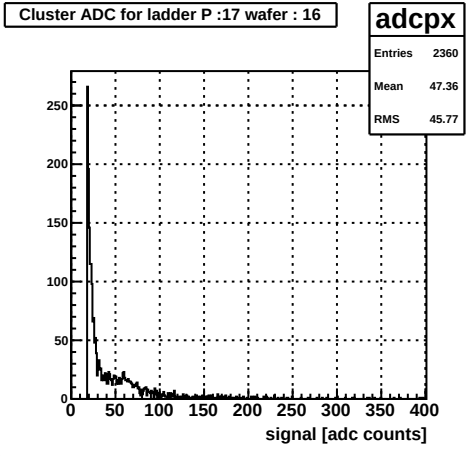

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 2984
Mean 35.19
RMS 40.39
signal [adc counts]

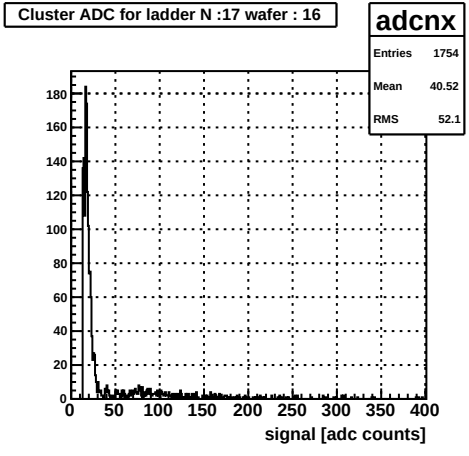

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 3662
Mean 60.01
RMS 63.93
signal [adc counts]

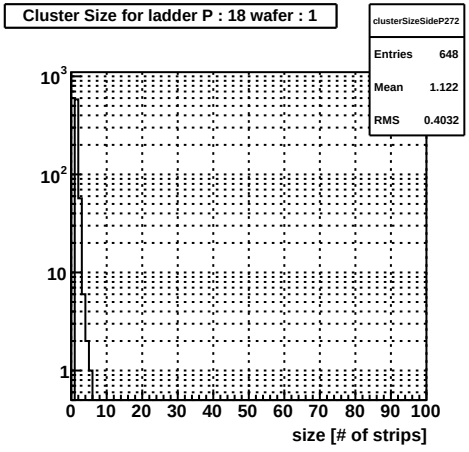

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 2360
Mean 1.32
RMS 0.5778
size [# of strips]

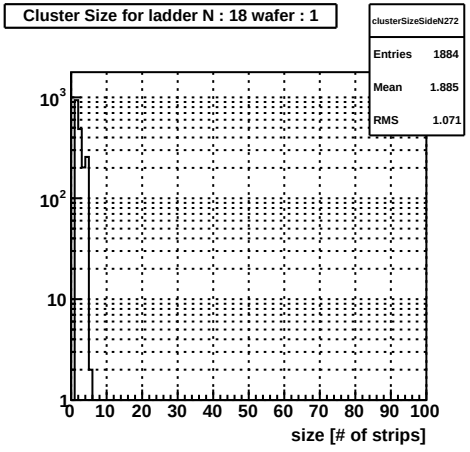

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 1754
Mean 1.278
RMS 0.7582
size [# of strips]

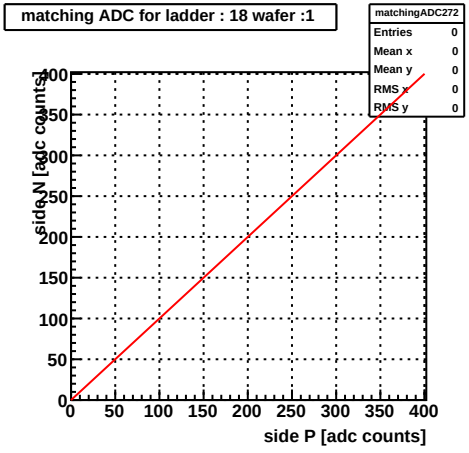

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 343
Mean x 101.4
Mean y 97.86
RMS x 68.9
RMS y 63.56
side N [adc counts]
side P [adc counts]

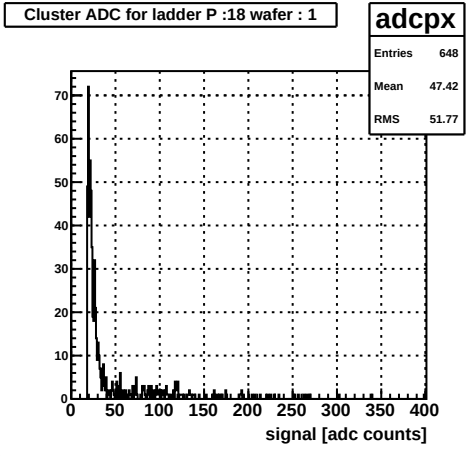

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 2360
Mean 47.36
RMS 45.77
signal [adc counts]

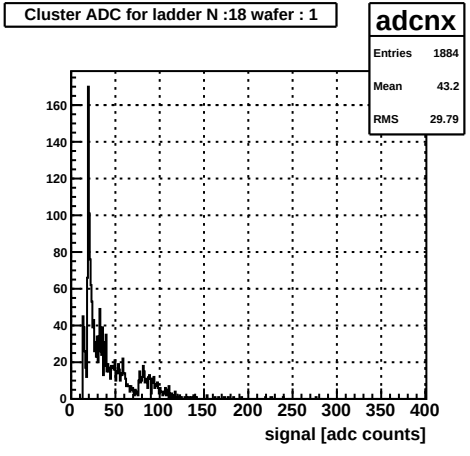

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 1754
Mean 40.52
RMS 52.1
signal [adc counts]

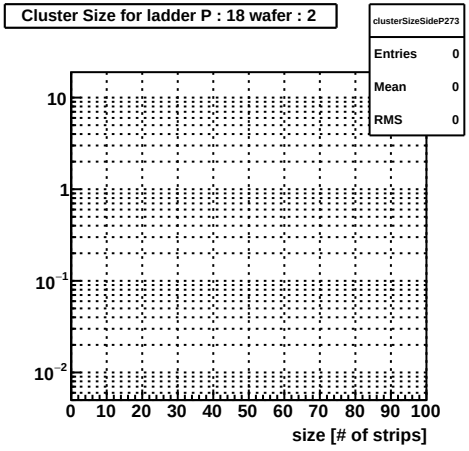

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 648
Mean 1.122
RMS 0.4032
size [# of strips]

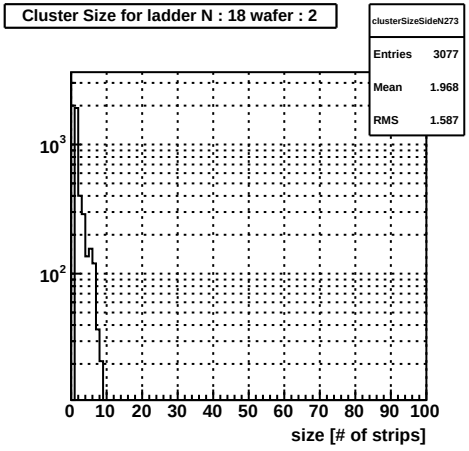

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1884
Mean 1.885
RMS 1.071
size [# of strips]

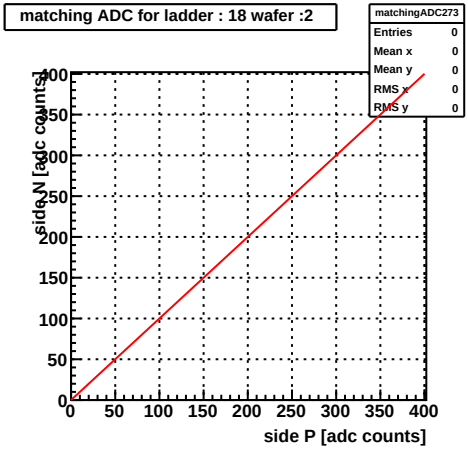

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

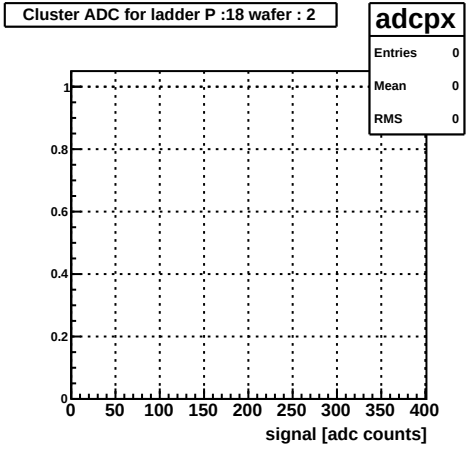

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 648
Mean 47.42
RMS 51.77
signal [adc counts]

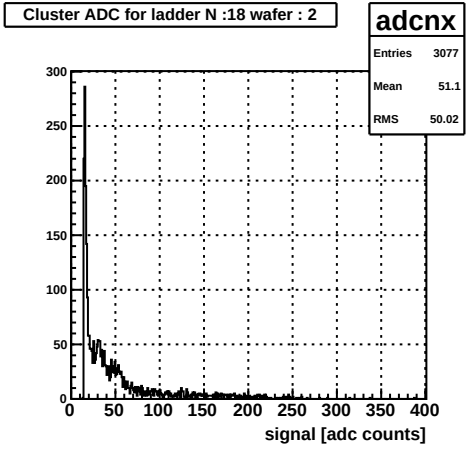

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1884
Mean 43.2
RMS 29.79
signal [adc counts]

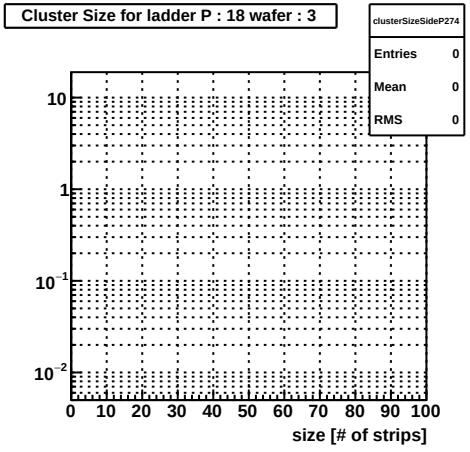

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

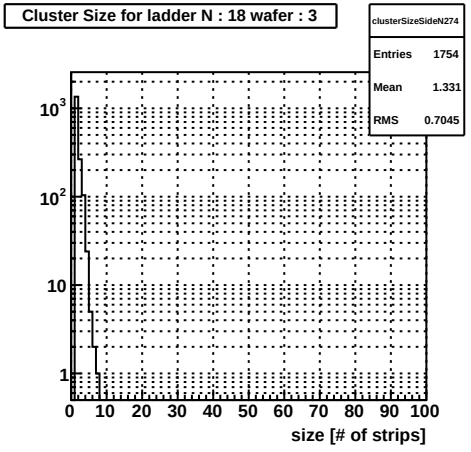

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 3077
Mean 1.968
RMS 1.587
size [# of strips]

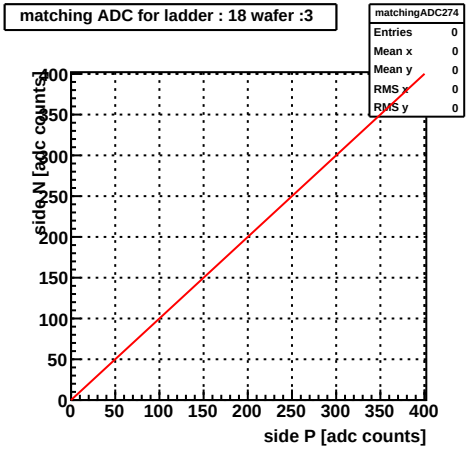

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

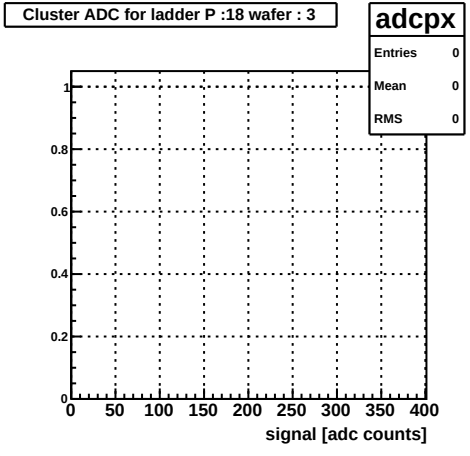

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

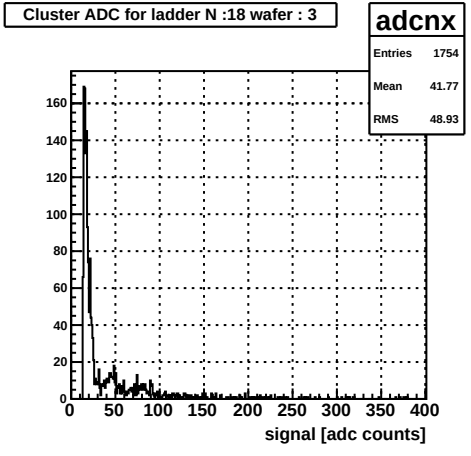

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 3077
Mean 51.1
RMS 50.02
signal [adc counts]

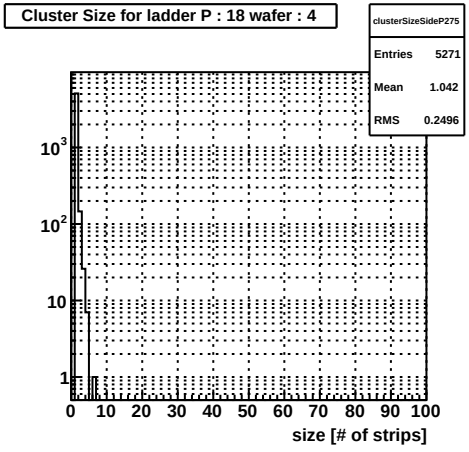

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

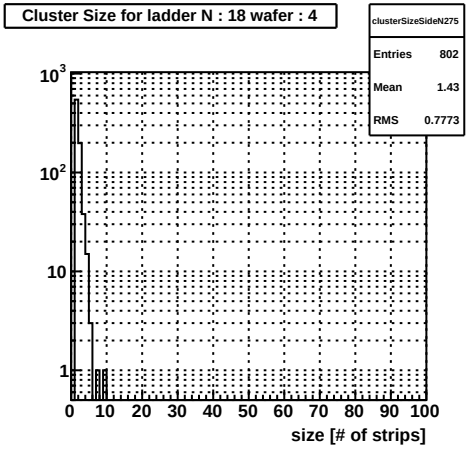

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 1754
Mean 1.331
RMS 0.7045
size [# of strips]

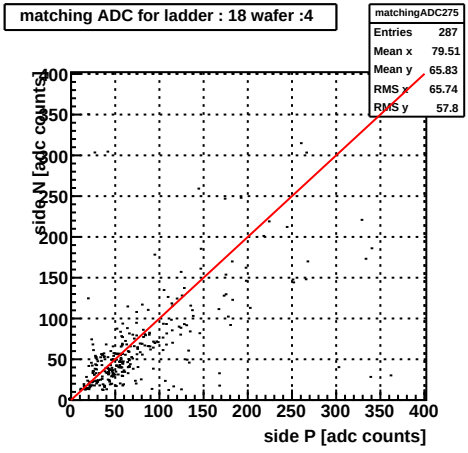

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

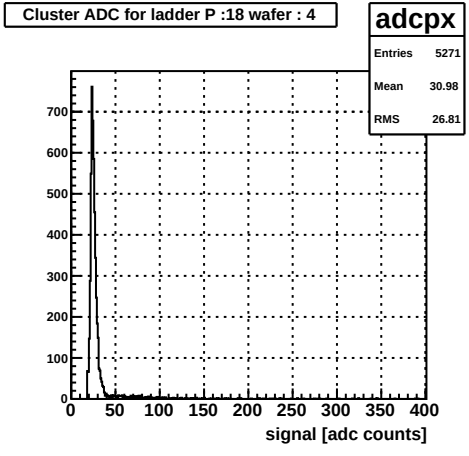

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

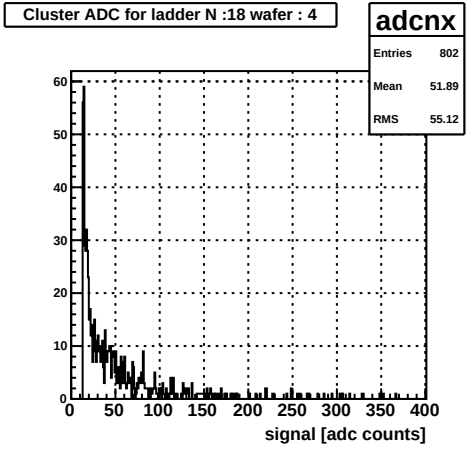

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 1754
Mean 41.77
RMS 48.93
signal [adc counts]

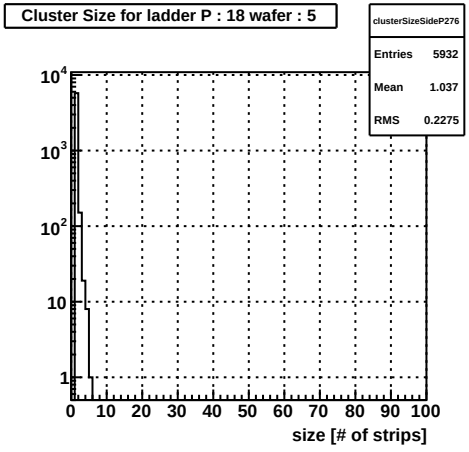

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 5271
Mean 1.042
RMS 0.2496
size [# of strips]

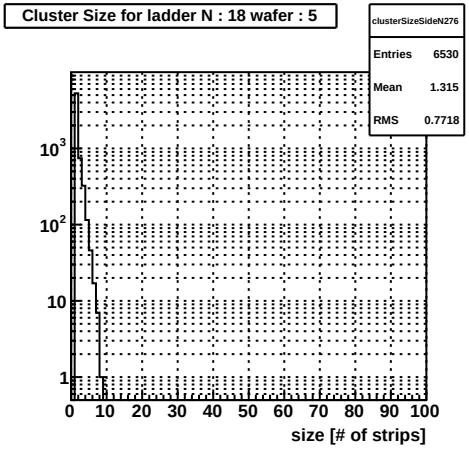

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 802
Mean 1.43
RMS 0.7773
size [# of strips]

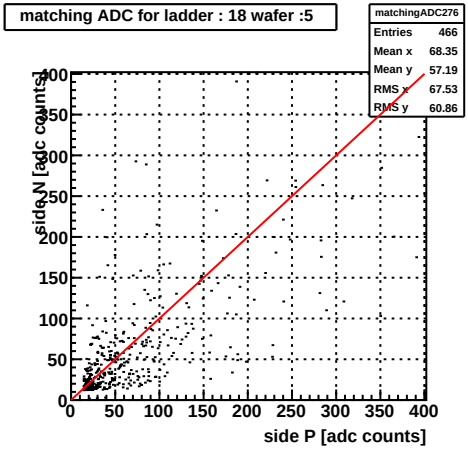

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 287
Mean x 79.51
Mean y 65.83
RMS x 65.74
RMS y 57.8
side N [adc counts]
side P [adc counts]

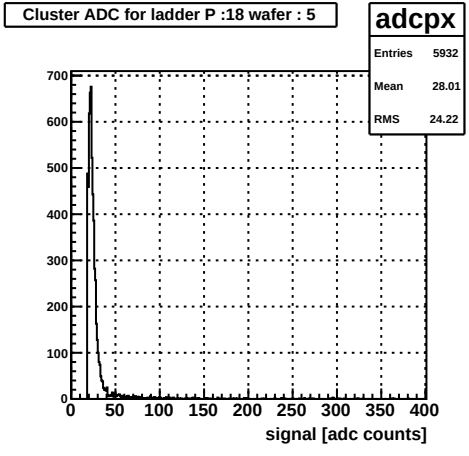

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 5271
Mean 30.98
RMS 26.81
signal [adc counts]

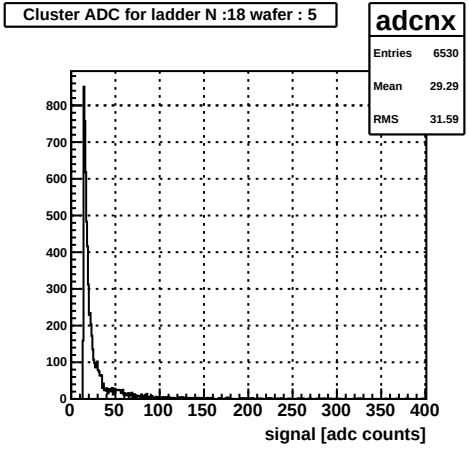

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 802
Mean 51.89
RMS 55.12
signal [adc counts]

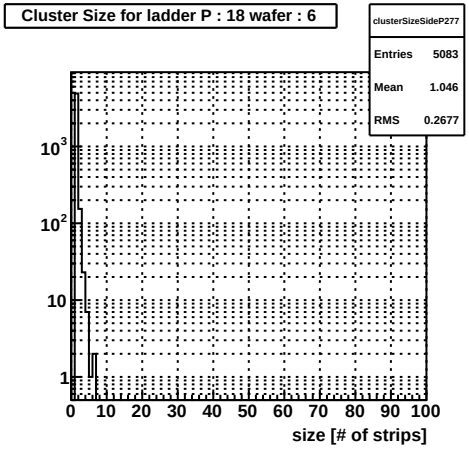

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 5932
Mean 1.037
RMS 0.2275
size [# of strips]

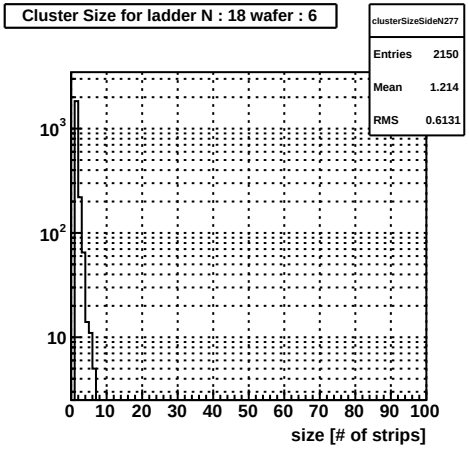

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 6530
Mean 1.315
RMS 0.7718
size [# of strips]

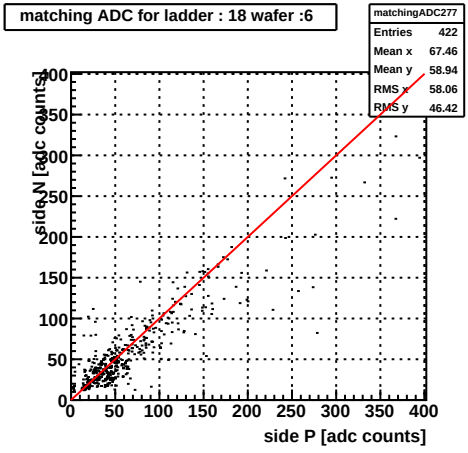

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 466
Mean x 68.35
Mean y 57.19
RMS x 67.53
RMS y 60.86
side N [adc counts]
side P [adc counts]

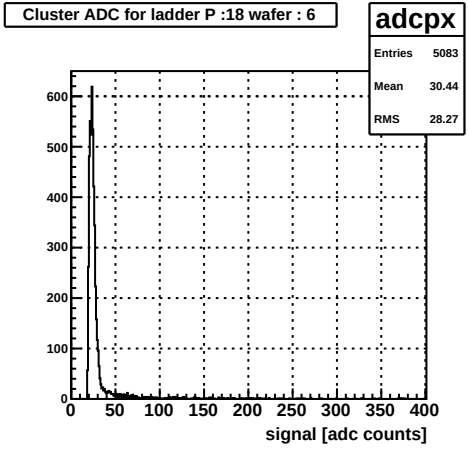

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 5932
Mean 28.01
RMS 24.22
signal [adc counts]

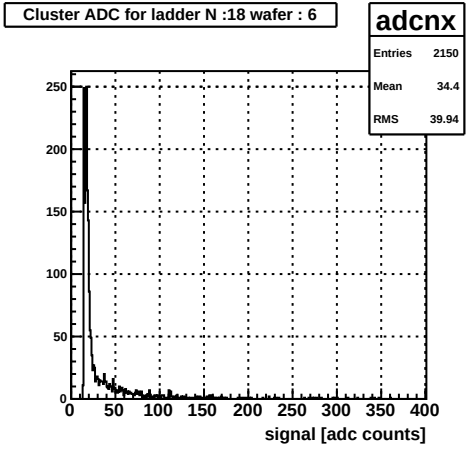

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 6530
Mean 29.29
RMS 31.59
signal [adc counts]

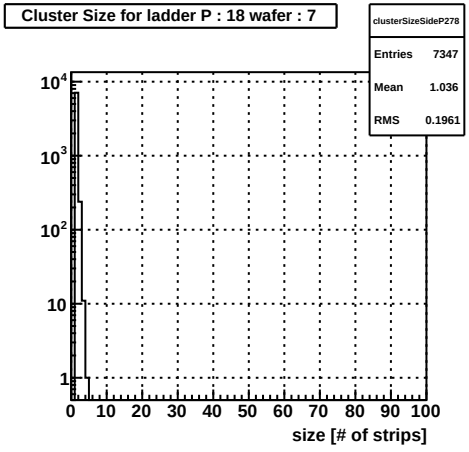

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 5083
Mean 1.046
RMS 0.2677
size [# of strips]

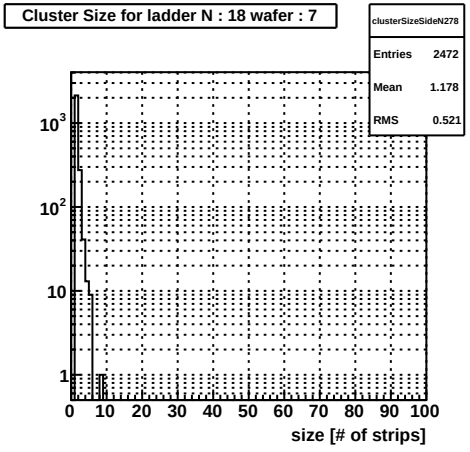

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 2150
Mean 1.214
RMS 0.6131
size [# of strips]

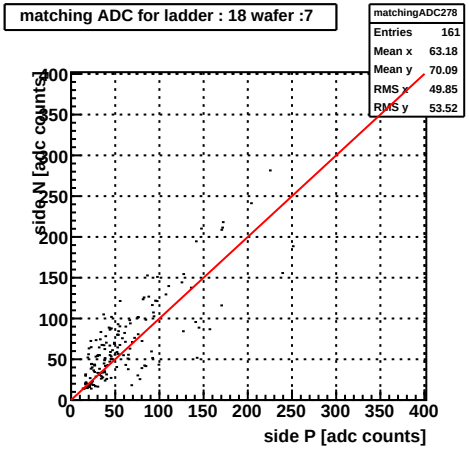

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 422
Mean x 67.46
Mean y 58.94
RMS x 58.06
RMS y 46.42
side N [adc counts]
side P [adc counts]

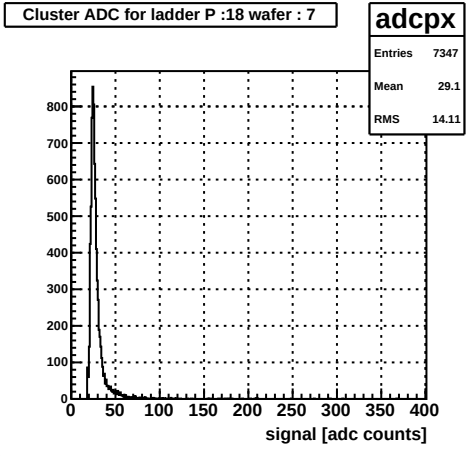

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 5083
Mean 30.44
RMS 28.27
signal [adc counts]

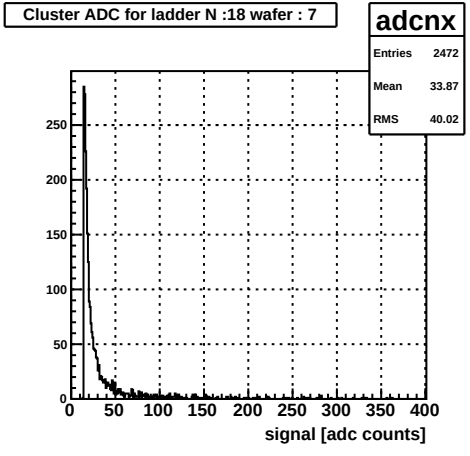

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 2150
Mean 34.4
RMS 39.94
signal [adc counts]

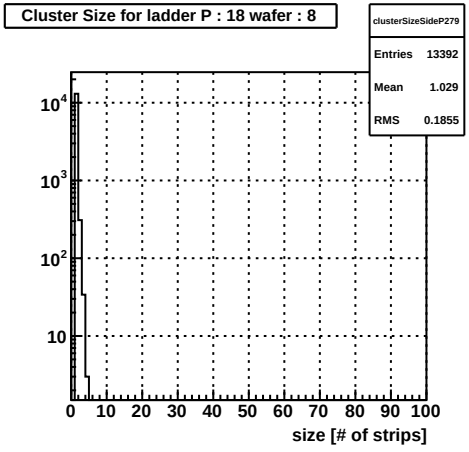

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 7347
Mean 1.036
RMS 0.1961
size [# of strips]

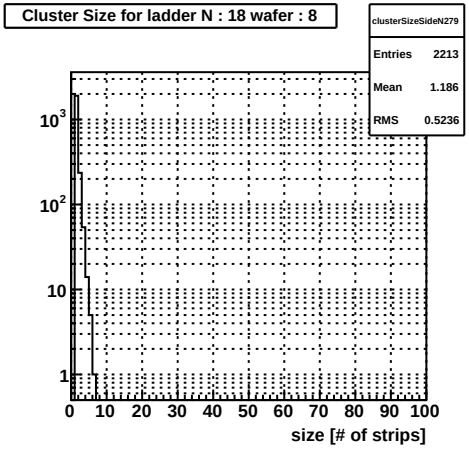

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 2472
Mean 1.178
RMS 0.521
size [# of strips]

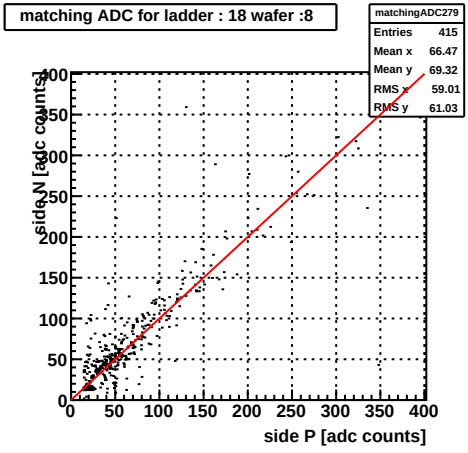

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 161
Mean x 63.18
Mean y 70.09
RMS x 49.85
RMS y 53.52
side N [adc counts]
side P [adc counts]

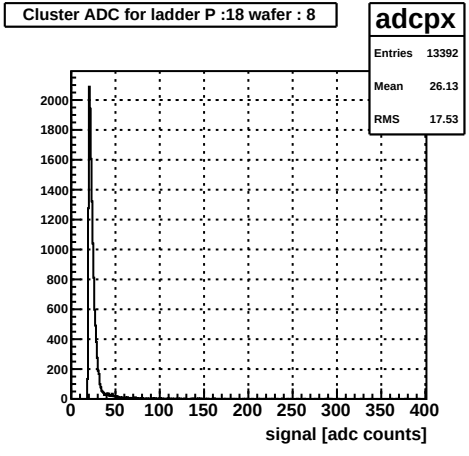

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 7347
Mean 29.1
RMS 14.11
signal [adc counts]

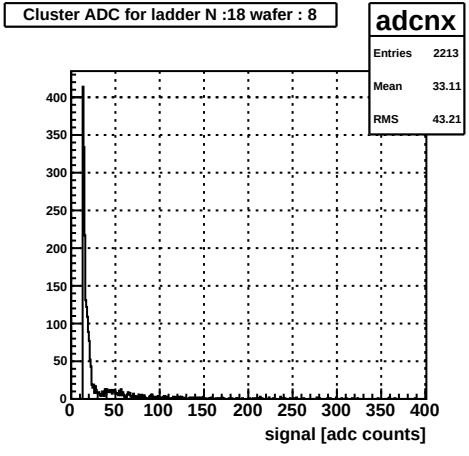

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 2472
Mean 33.87
RMS 40.02
signal [adc counts]

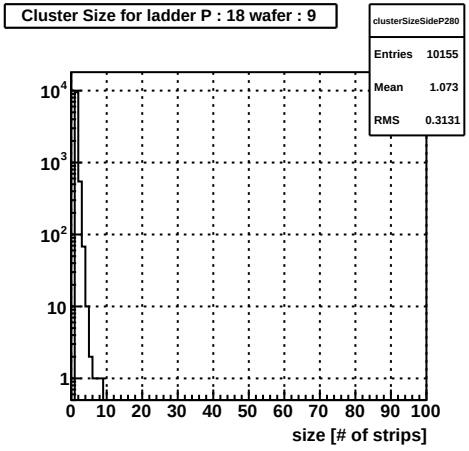

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 13392
Mean 1.029
RMS 0.1855
size [# of strips]

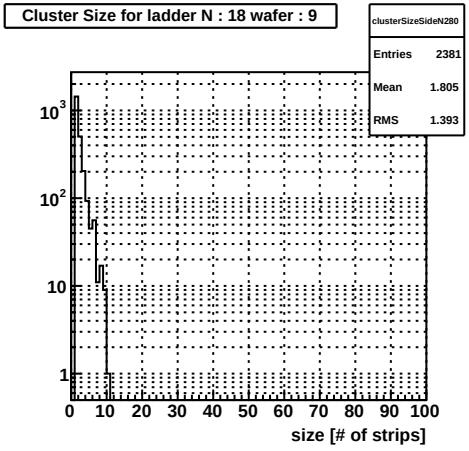

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 2213
Mean 1.186
RMS 0.5236
size [# of strips]

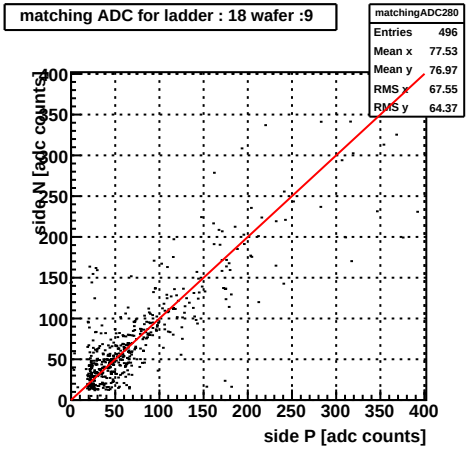

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 415
Mean x 66.47
Mean y 69.32
RMS x 59.01
RMS y 61.03
side N [adc counts]
side P [adc counts]

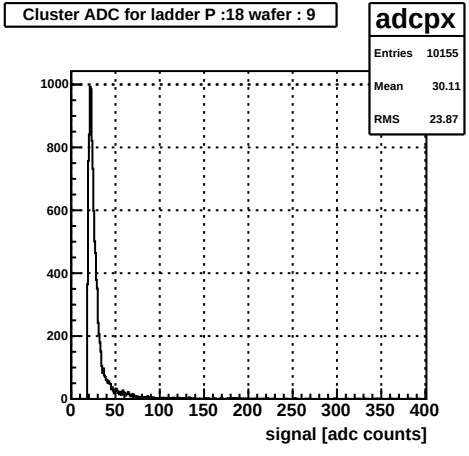

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 13392
Mean 26.13
RMS 17.53
signal [adc counts]

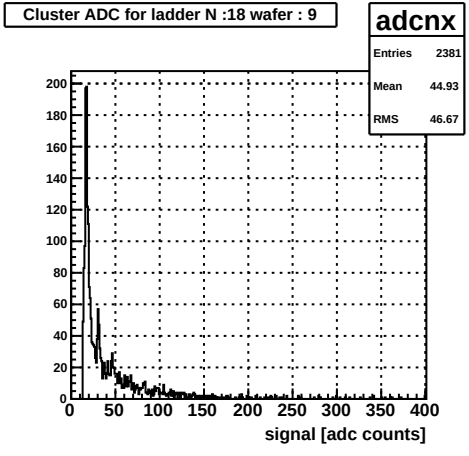

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 2213
Mean 33.11
RMS 43.21
signal [adc counts]

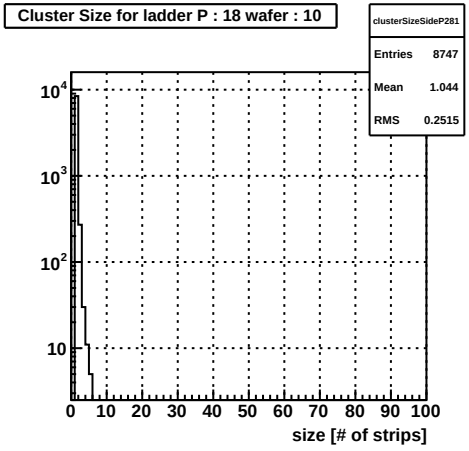

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 10155
Mean 1.073
RMS 0.3131
size [# of strips]

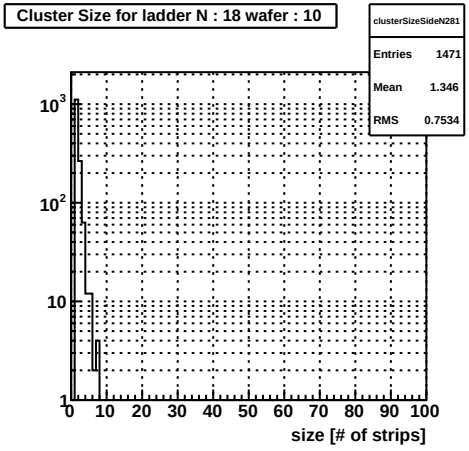

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 2381
Mean 1.805
RMS 1.393
size [# of strips]

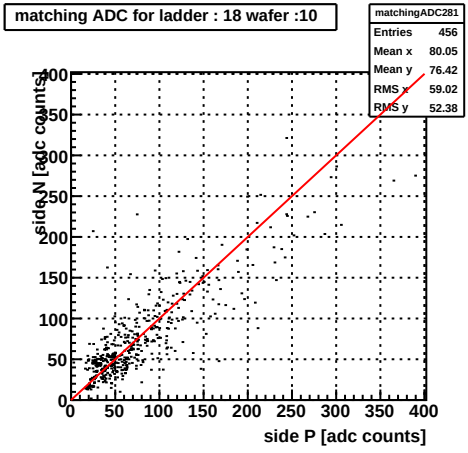

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 496
Mean x 77.53
Mean y 76.97
RMS x 67.55
RMS y 64.37
side N [adc counts]
side P [adc counts]

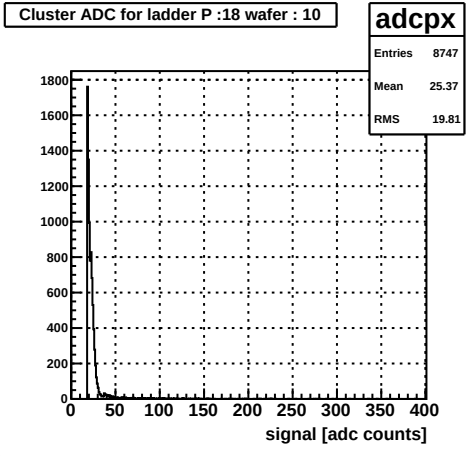

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 10155
Mean 30.11
RMS 23.87
signal [adc counts]

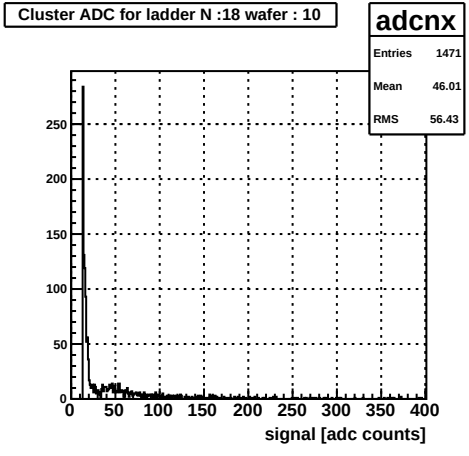

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 2381
Mean 44.93
RMS 46.67
signal [adc counts]

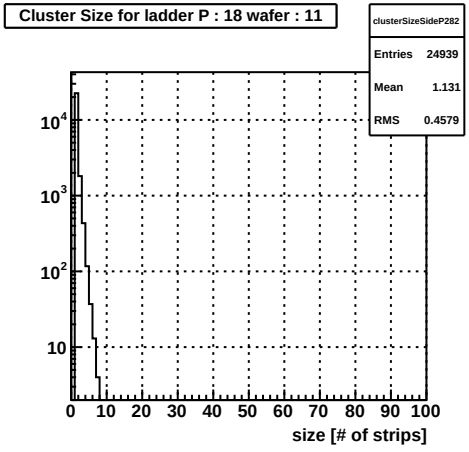

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 8747
Mean 1.044
RMS 0.2515
size [# of strips]

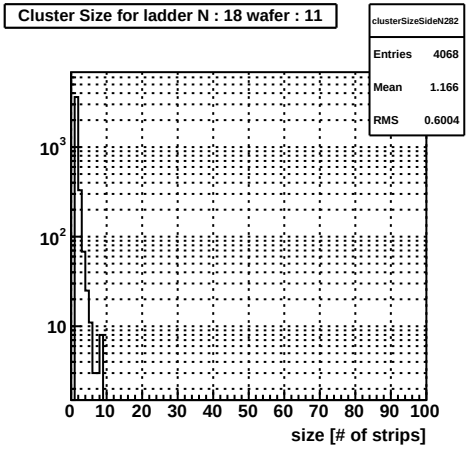

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 1471
Mean 1.346
RMS 0.7534
size [# of strips]

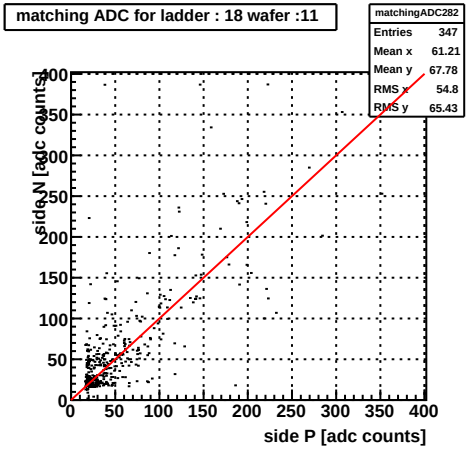

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 456
Mean x 80.05
Mean y 76.42
RMS x 59.02
RMS y 52.38
side N [adc counts]
side P [adc counts]

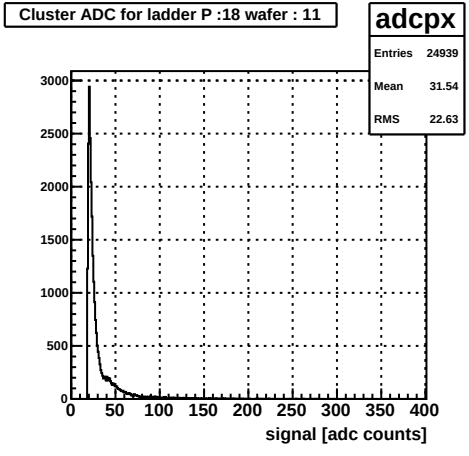

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 8747
Mean 25.37
RMS 19.81
signal [adc counts]

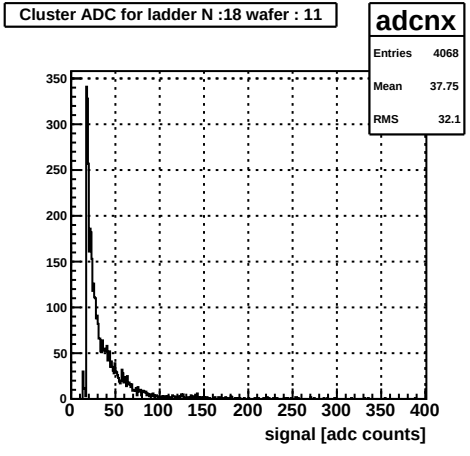

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 1471
Mean 46.01
RMS 56.43
signal [adc counts]

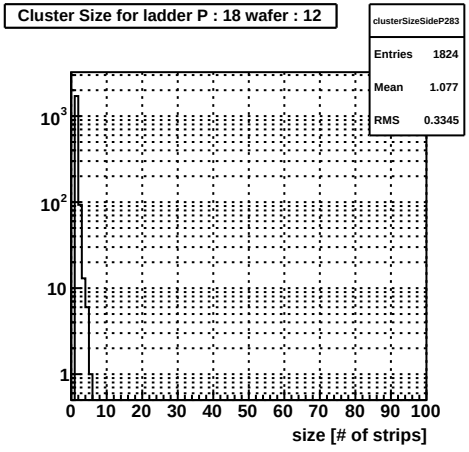

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 24939
Mean 1.131
RMS 0.4579
size [# of strips]

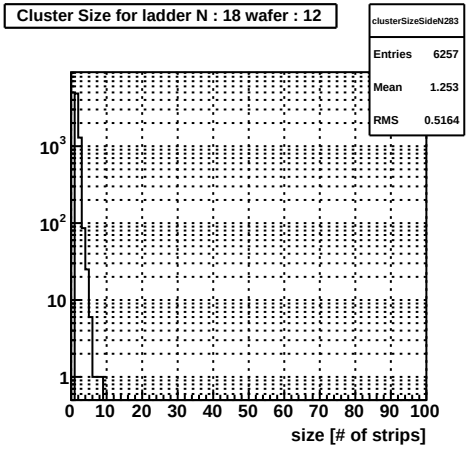

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 4068
Mean 1.166
RMS 0.6004
size [# of strips]

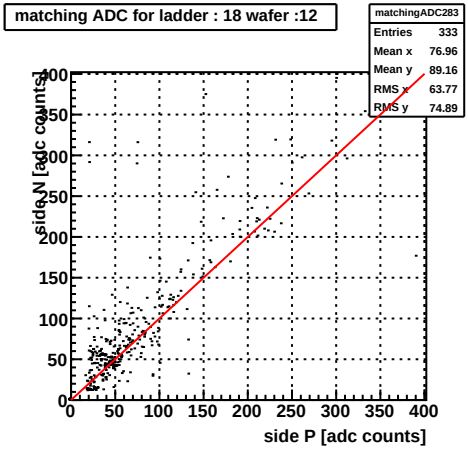

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 347
Mean x 61.21
Mean y 67.78
RMS x 54.8
RMS y 65.43
side N [adc counts]
side P [adc counts]

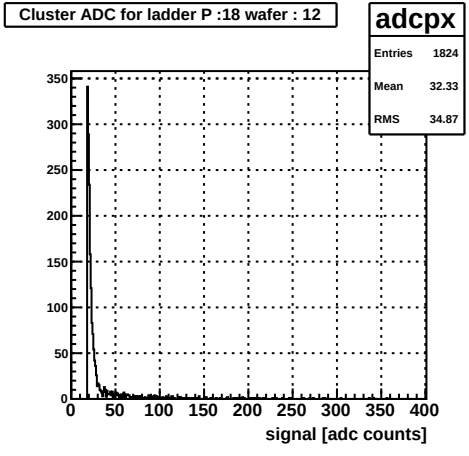

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 24939
Mean 31.54
RMS 22.63
signal [adc counts]

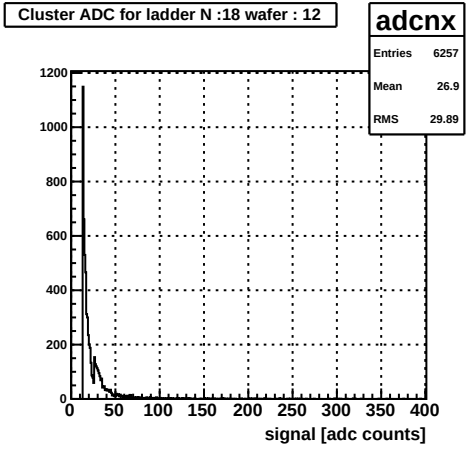

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 4068
Mean 37.75
RMS 32.1
signal [adc counts]

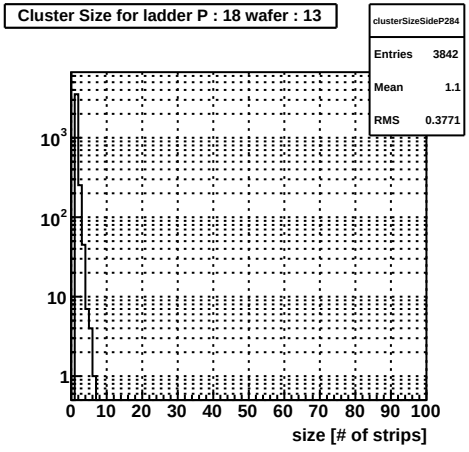

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 1824
Mean 1.077
RMS 0.3345
size [# of strips]

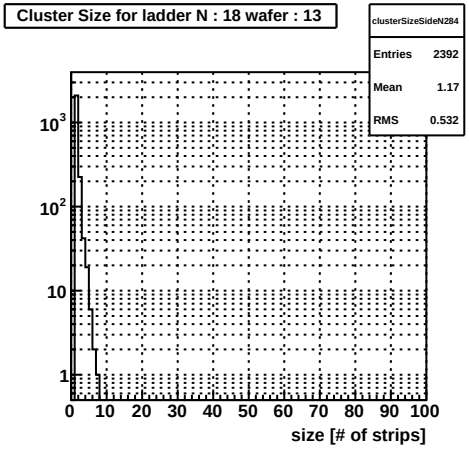

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 6257
Mean 1.253
RMS 0.5164
size [# of strips]

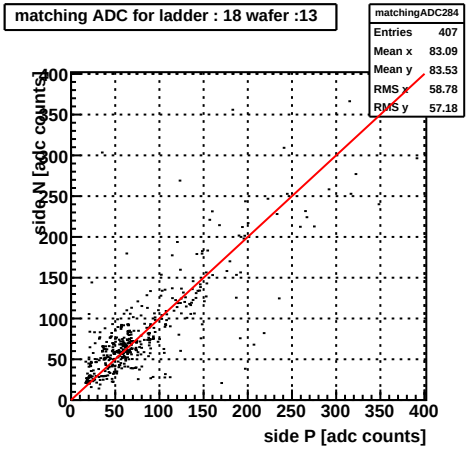

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 333
Mean x 76.96
Mean y 89.16
RMS x 63.77
RMS y 74.89
side N [adc counts]
side P [adc counts]

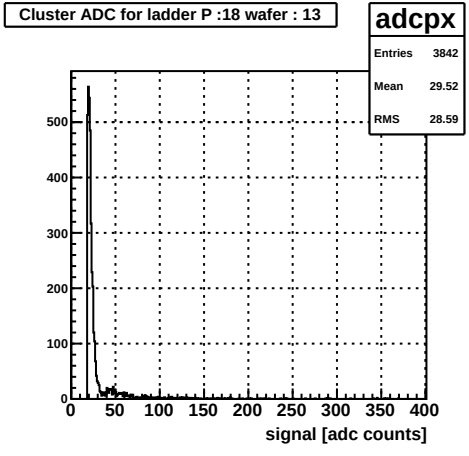

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 1824
Mean 32.33
RMS 34.87
signal [adc counts]

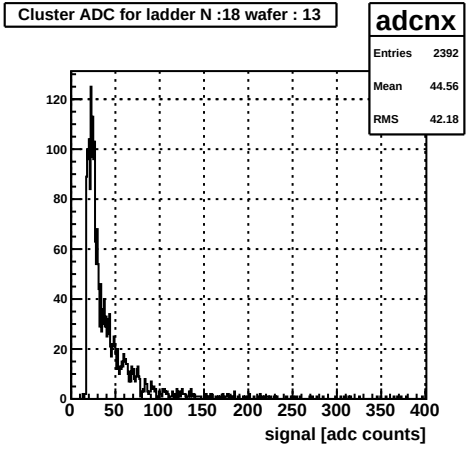

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 6257
Mean 26.9
RMS 29.89
signal [adc counts]

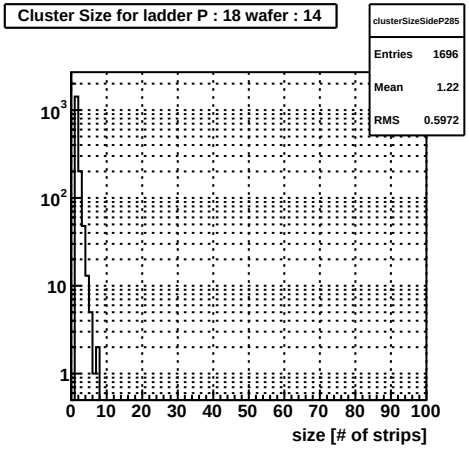

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 3842
Mean 1.1
RMS 0.3771
size [# of strips]

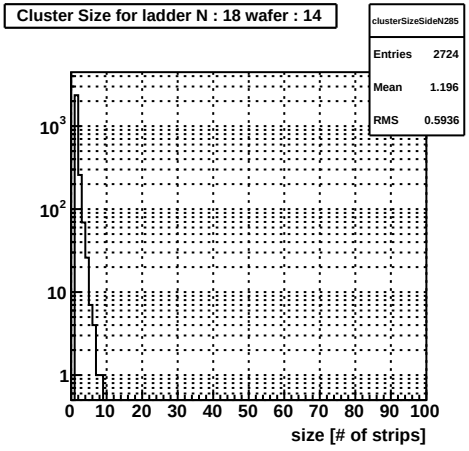

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 2392
Mean 1.17
RMS 0.532
size [# of strips]

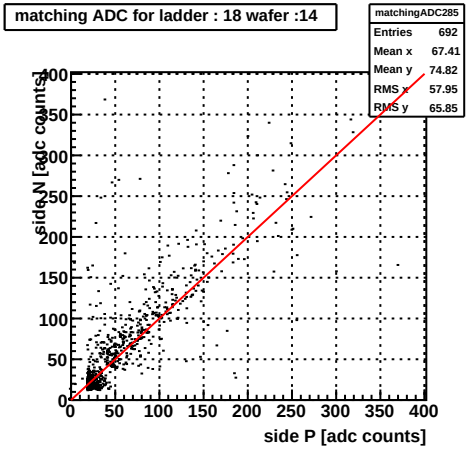

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 407
Mean x 83.09
Mean y 83.53
RMS x 58.78
RMS y 57.18
side N [adc counts]
side P [adc counts]

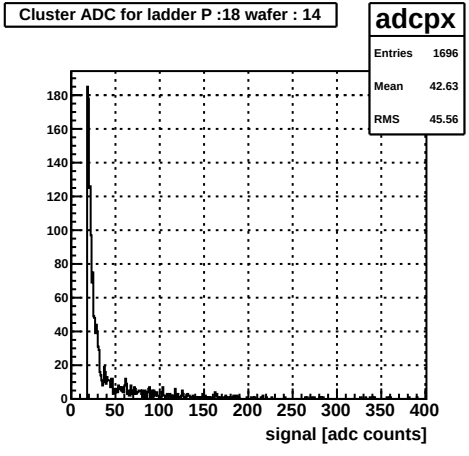

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 3842
Mean 29.52
RMS 28.59
signal [adc counts]

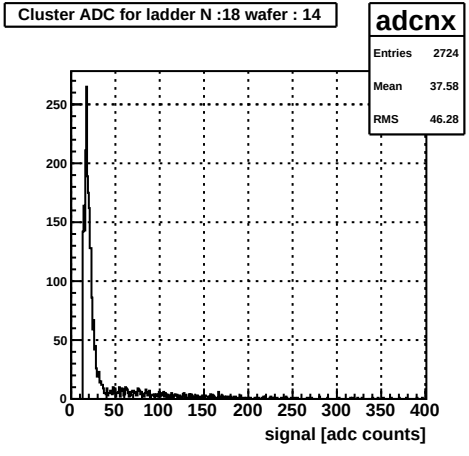

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 2392
Mean 44.56
RMS 42.18
signal [adc counts]

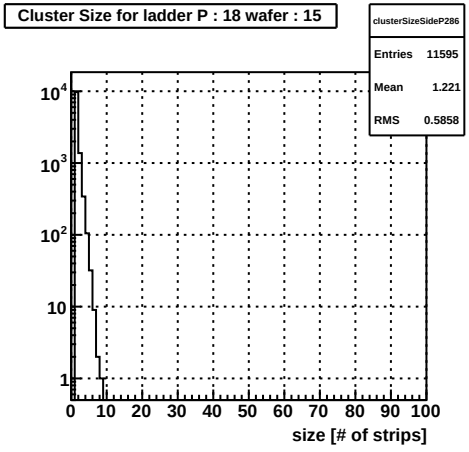

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 1696
Mean 1.22
RMS 0.5972
size [# of strips]

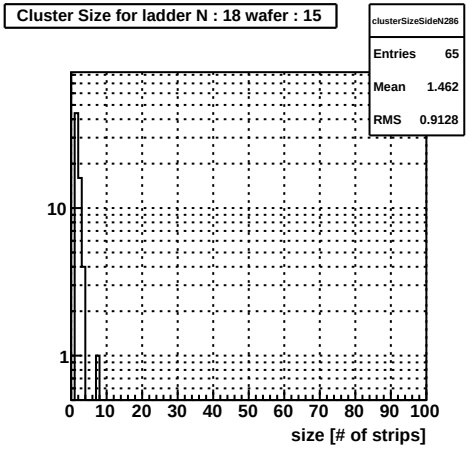

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 2724
Mean 1.196
RMS 0.5936
size [# of strips]

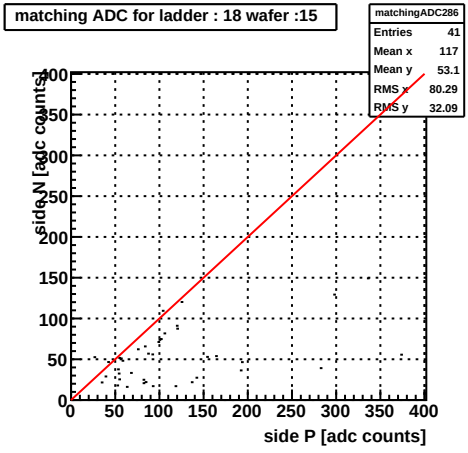

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 692
Mean x 67.41
Mean y 74.82
RMS x 57.95
RMS y 65.85
side N [adc counts]
side P [adc counts]

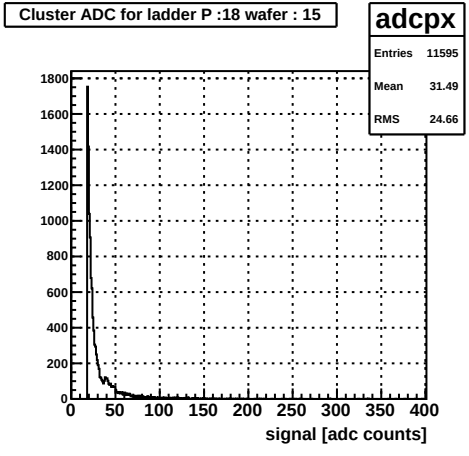

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 1696
Mean 42.63
RMS 45.56
signal [adc counts]

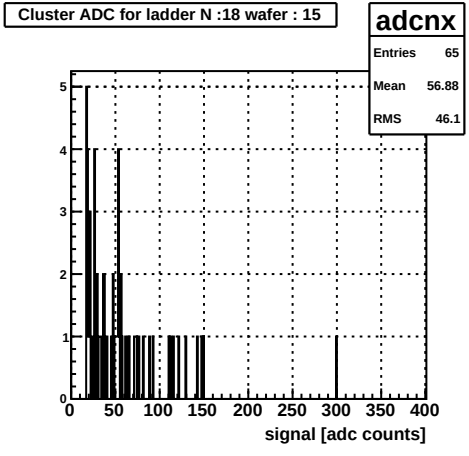

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 2724
Mean 37.58
RMS 46.28
signal [adc counts]

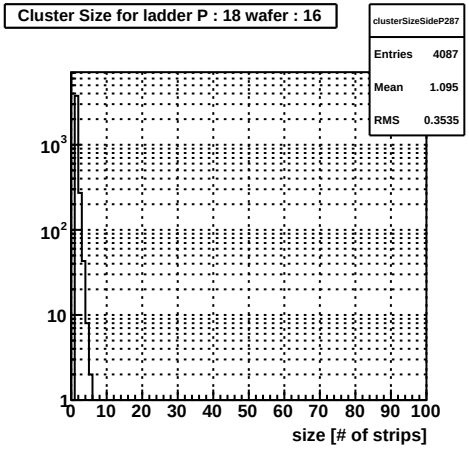

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 11595
Mean 1.221
RMS 0.5858
size [# of strips]

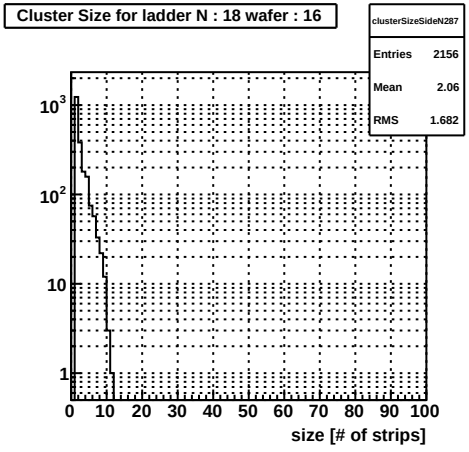

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 65
Mean 1.462
RMS 0.9128
size [# of strips]

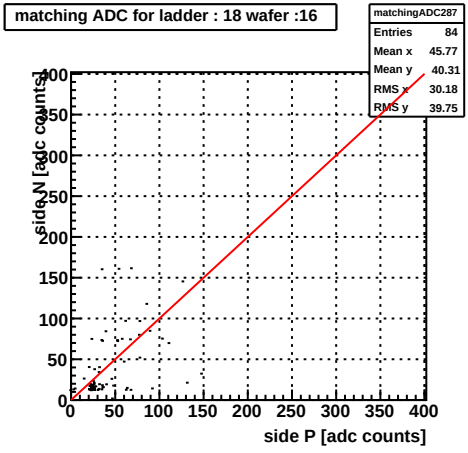

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 41
Mean x 117
Mean y 53.1
RMS x 80.29
RMS y 32.09
side N [adc counts]
side P [adc counts]

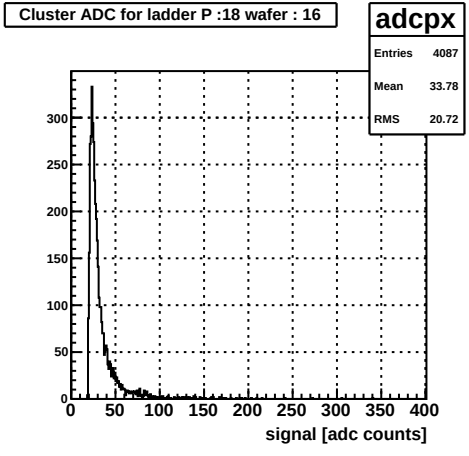

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 11595
Mean 31.49
RMS 24.66
signal [adc counts]

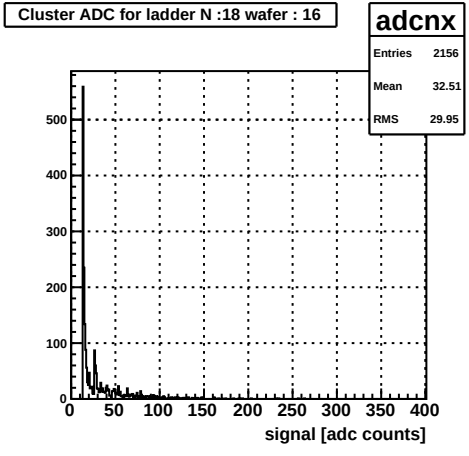

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 65
Mean 56.88
RMS 46.1
signal [adc counts]

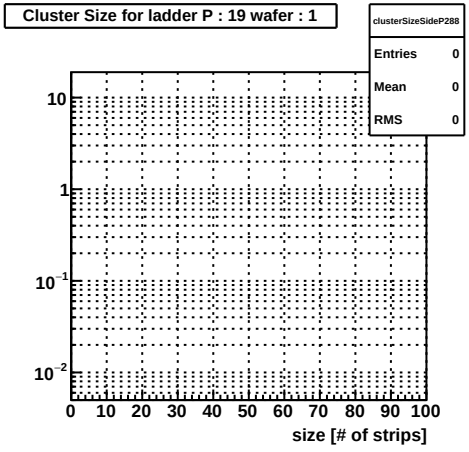

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 4087
Mean 1.095
RMS 0.3535
size [# of strips]

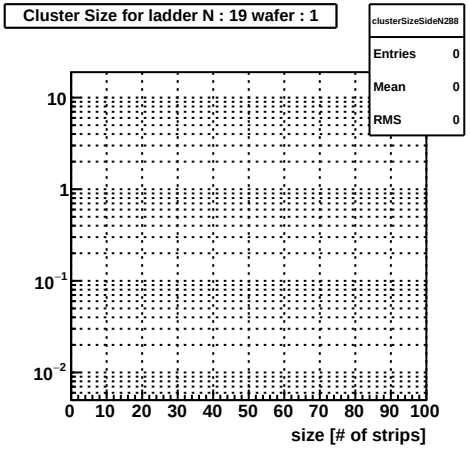

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 2156
Mean 2.06
RMS 1.682
size [# of strips]

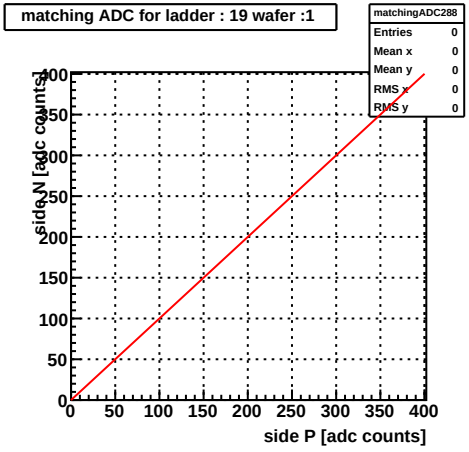

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 84
Mean x 45.77
Mean y 40.31
RMS x 30.18
RMS y 39.75
side N [adc counts]
side P [adc counts]

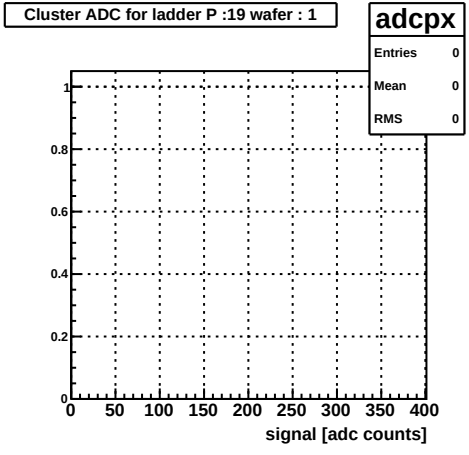

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 4087
Mean 33.78
RMS 20.72
signal [adc counts]

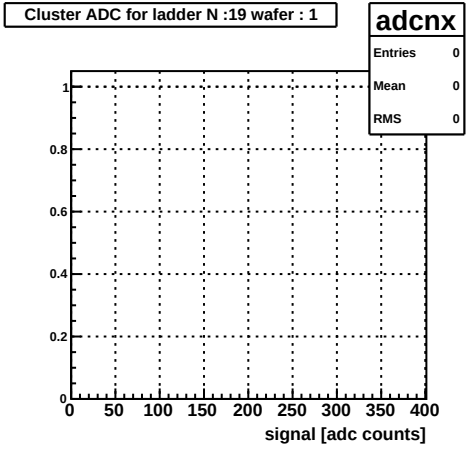

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 2156
Mean 32.51
RMS 29.95
signal [adc counts]

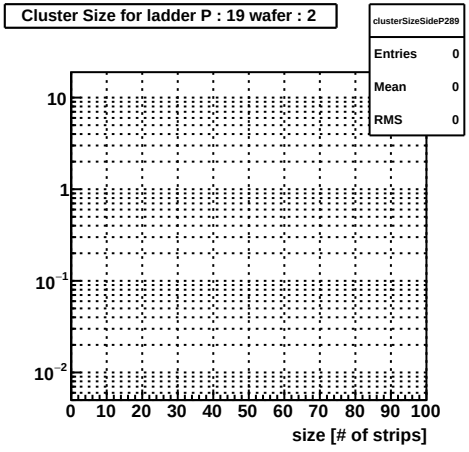

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

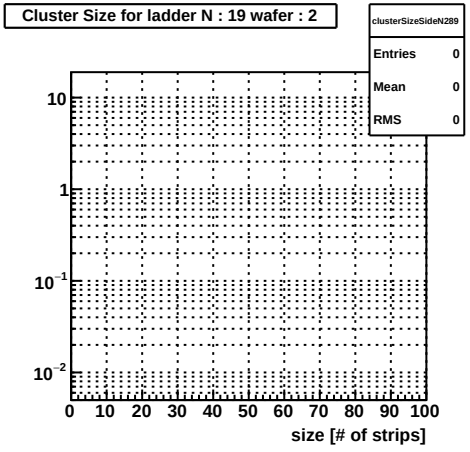

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

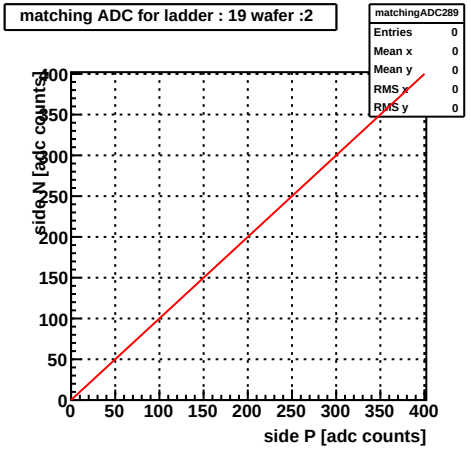

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

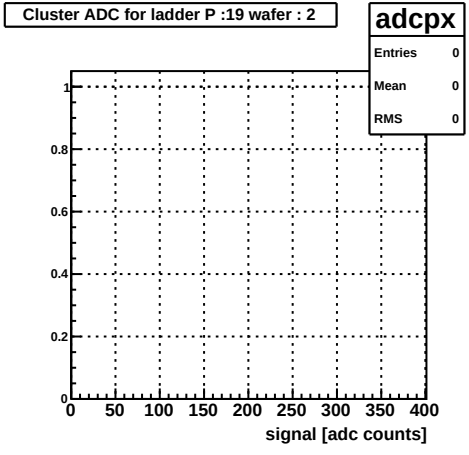

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

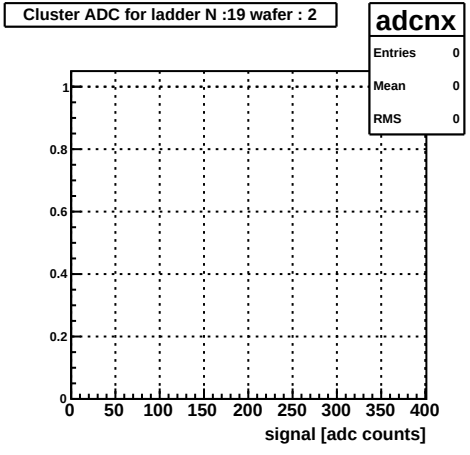

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

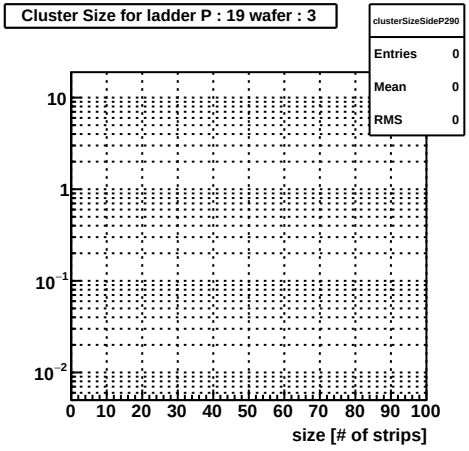

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

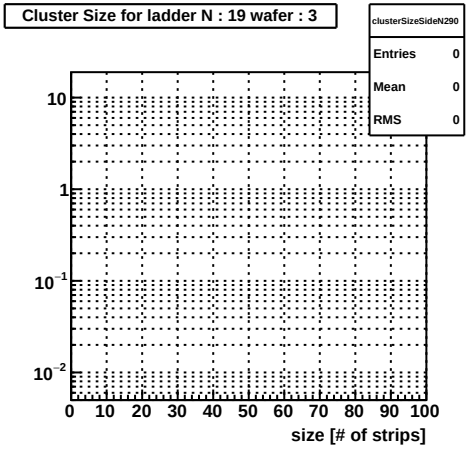

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

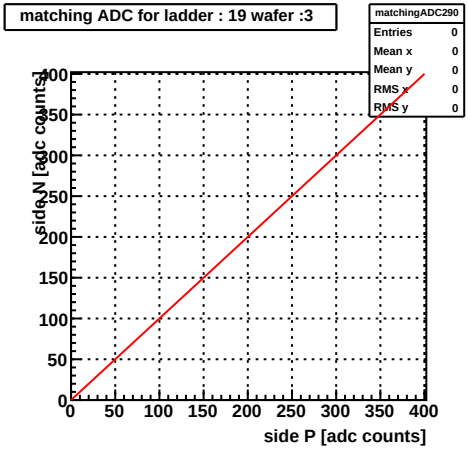

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

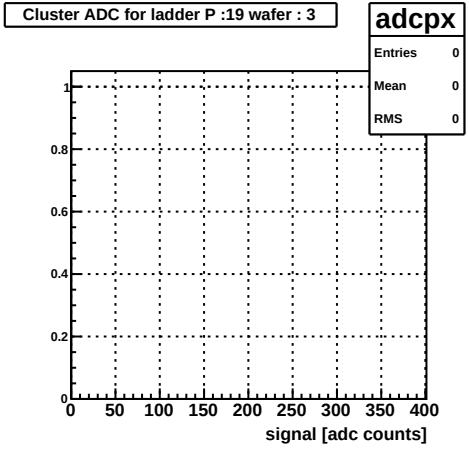

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

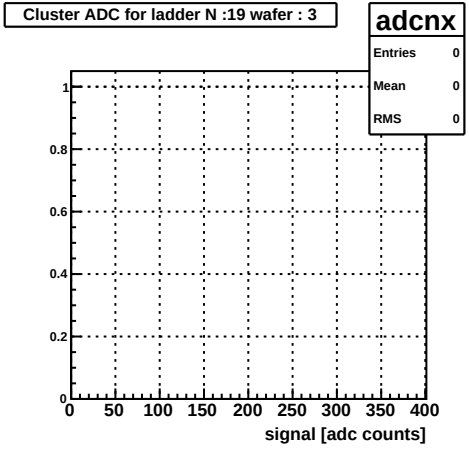

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

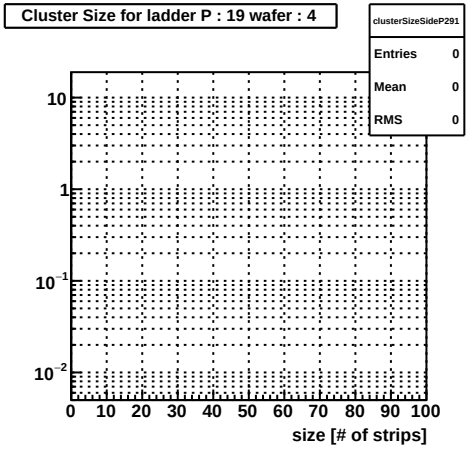

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

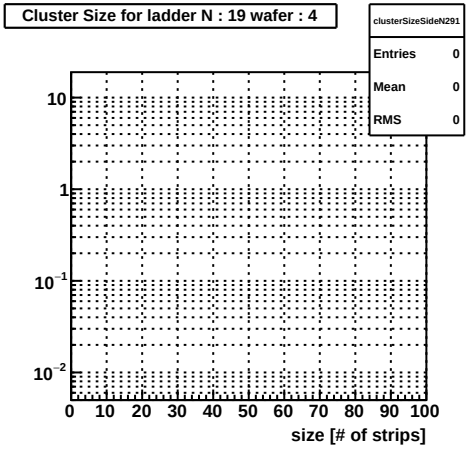

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

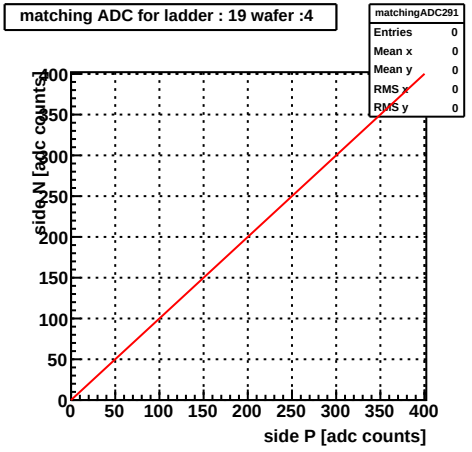

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

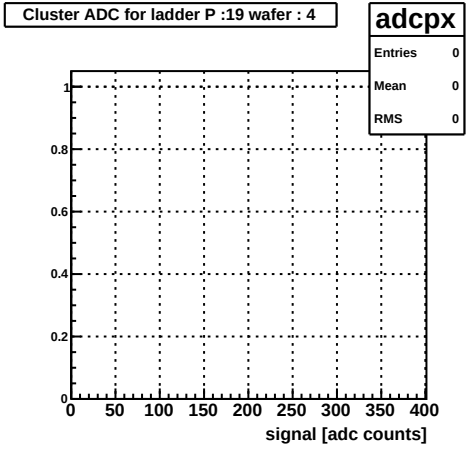

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

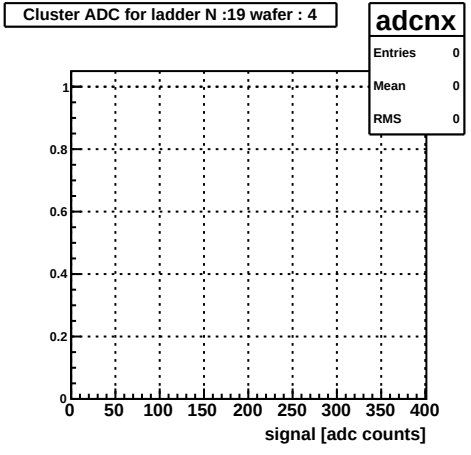

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

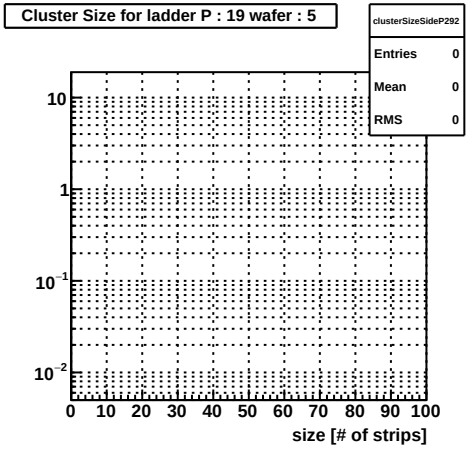

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

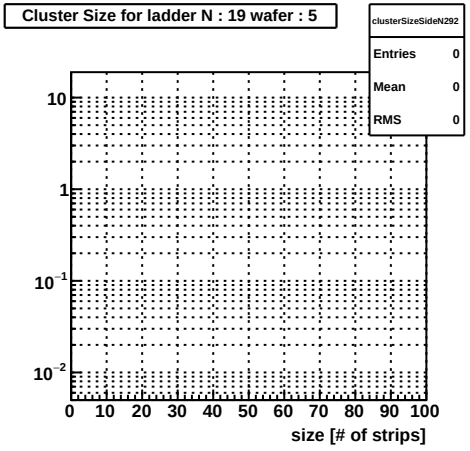

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

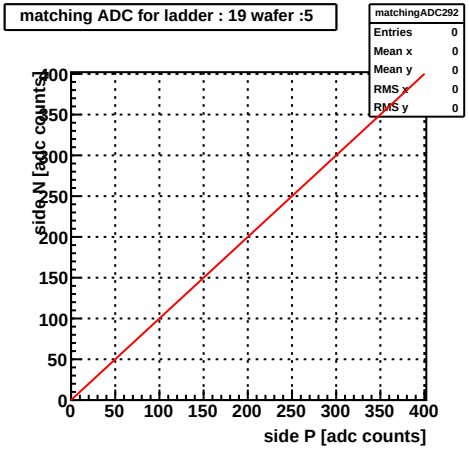

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

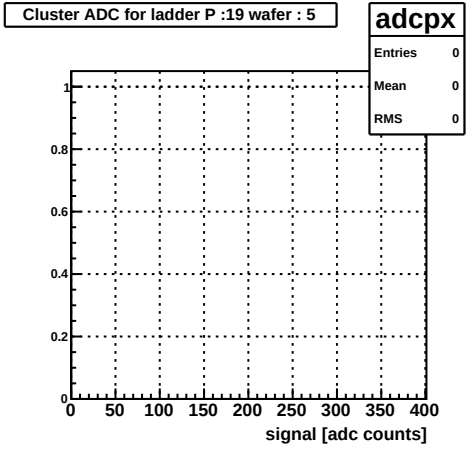

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

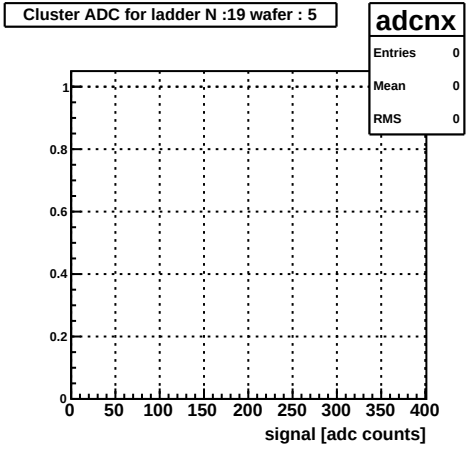

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

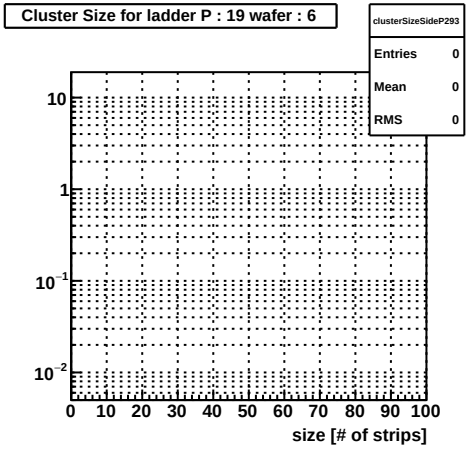

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

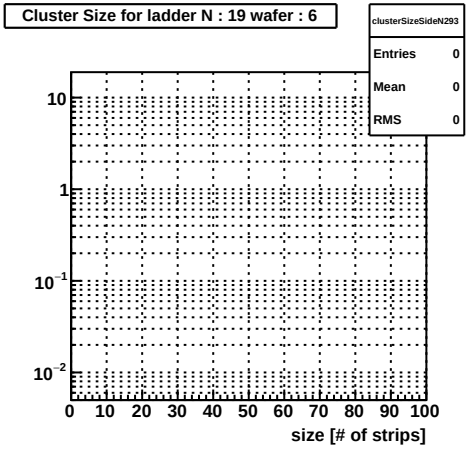

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

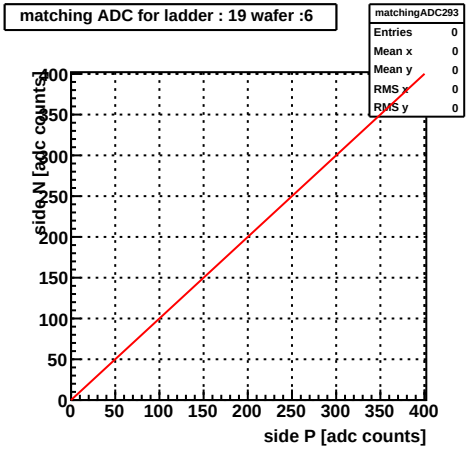

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

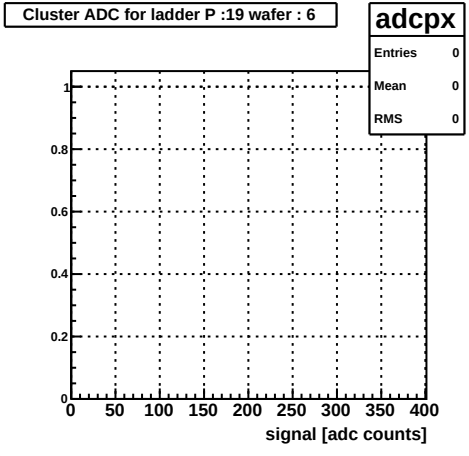

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

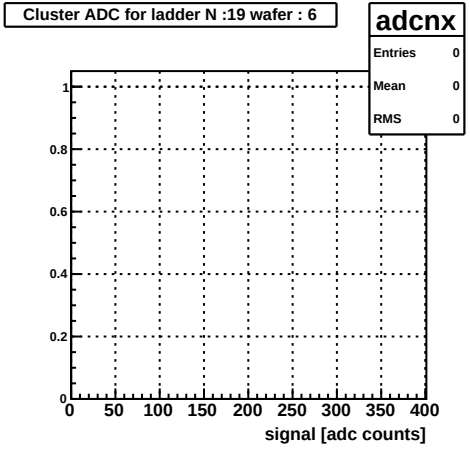

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

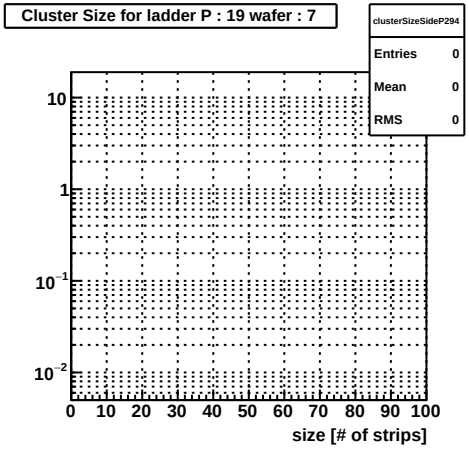

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

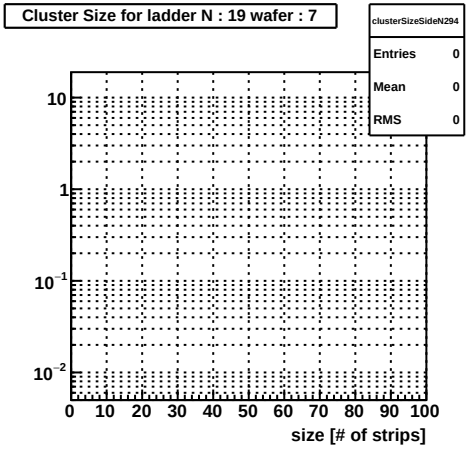

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

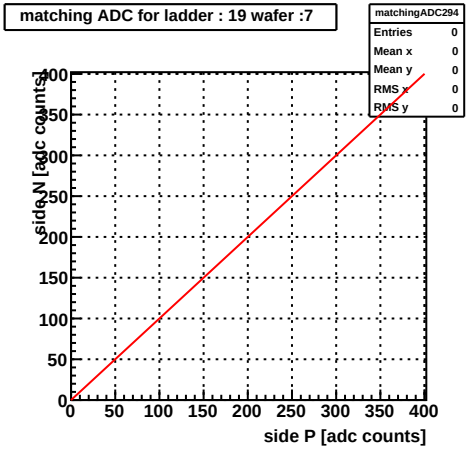

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

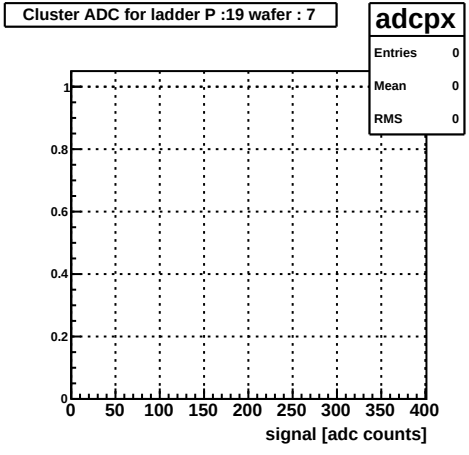

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

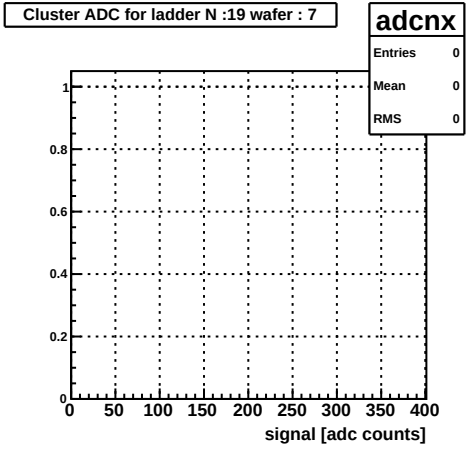

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

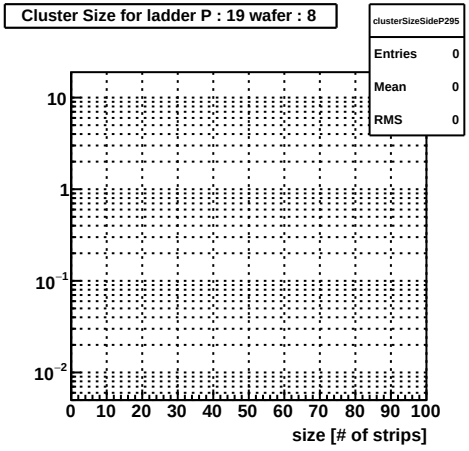

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

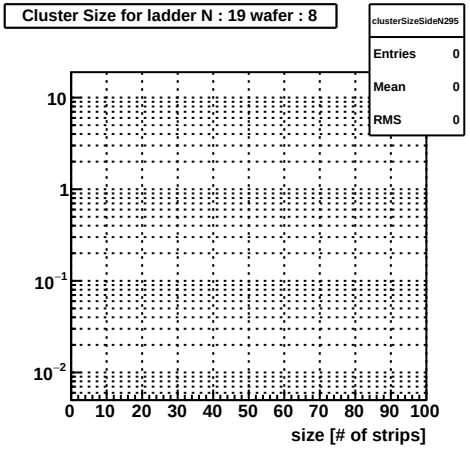

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

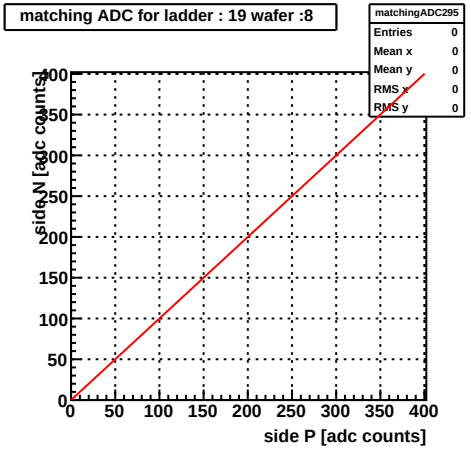

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

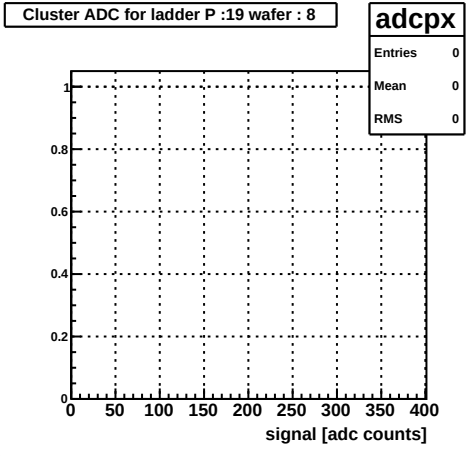

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

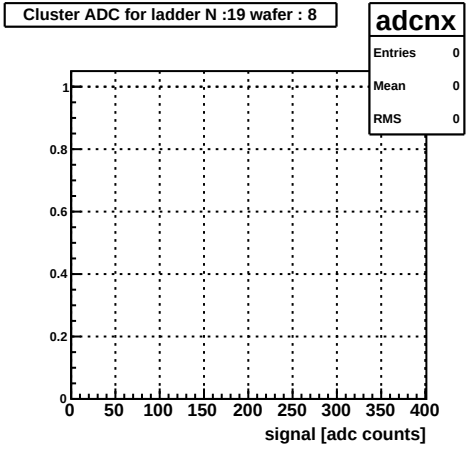

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

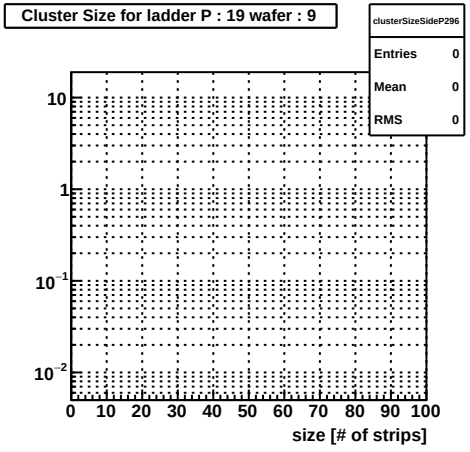

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

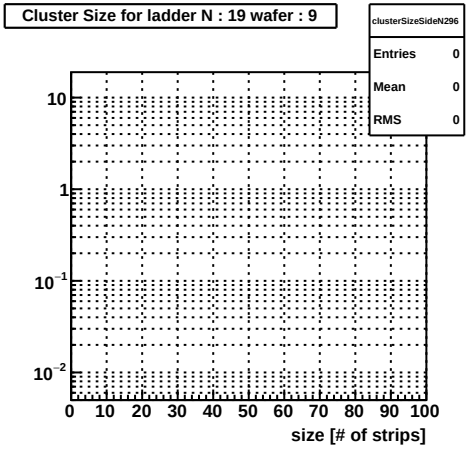

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

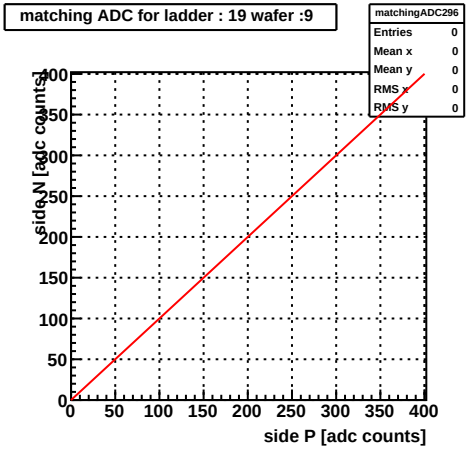

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

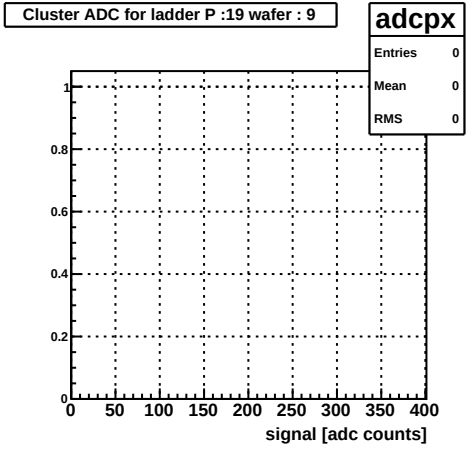

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

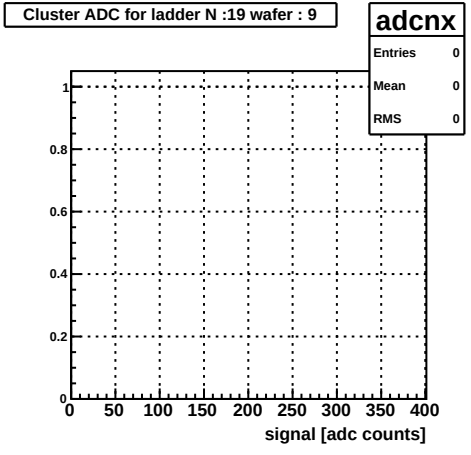

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

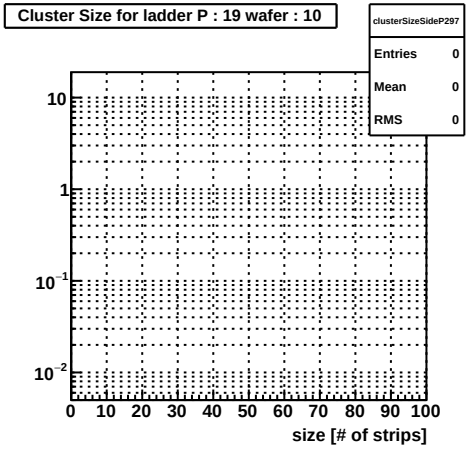

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

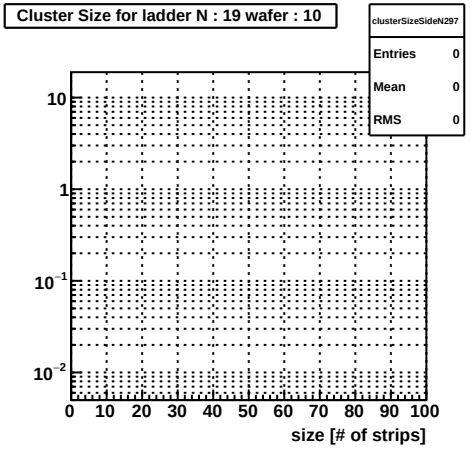

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

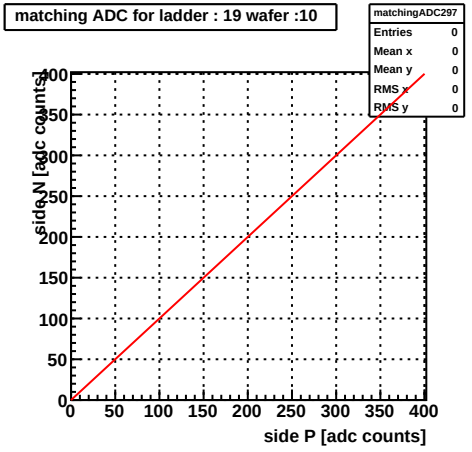

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

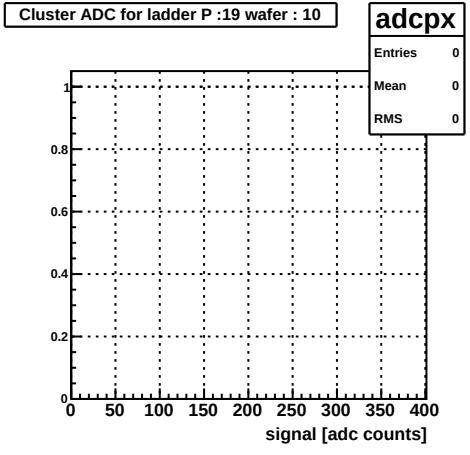

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

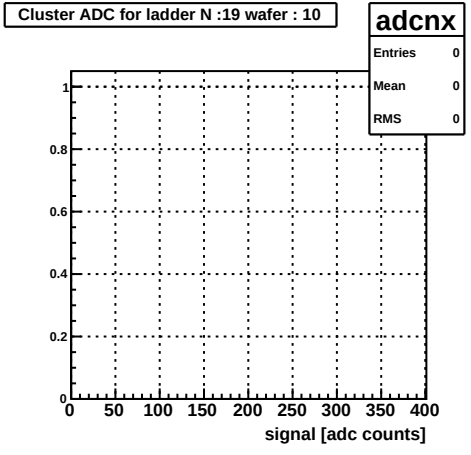

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

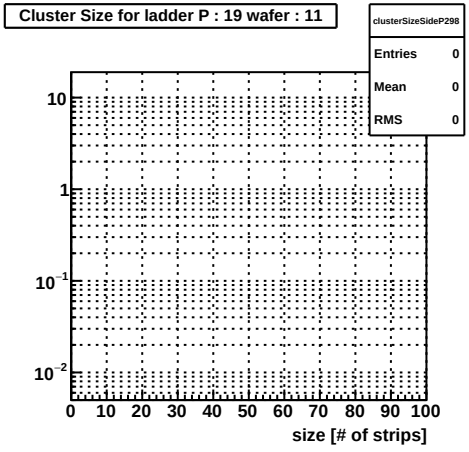

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

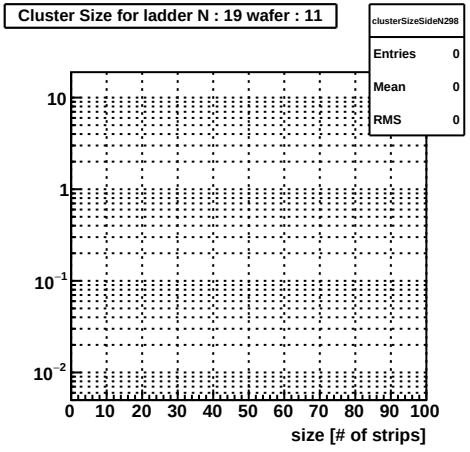

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

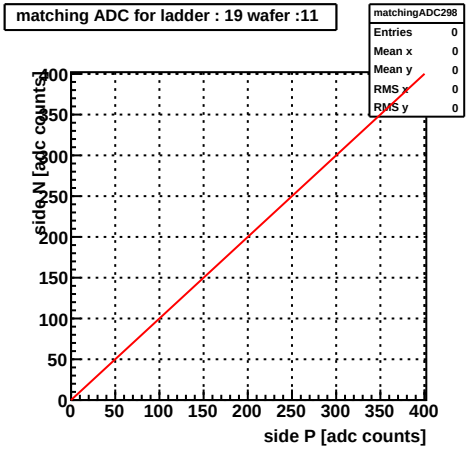

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

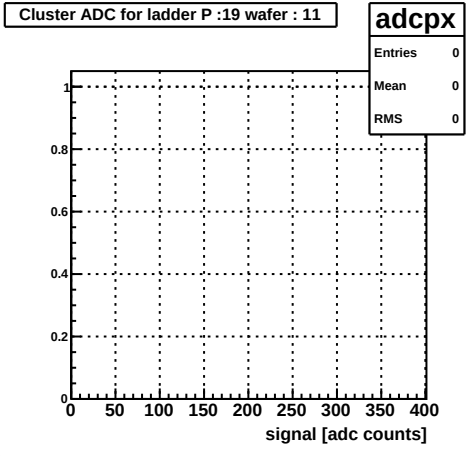

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

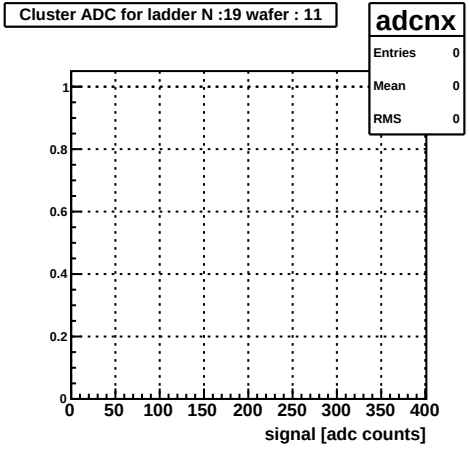

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

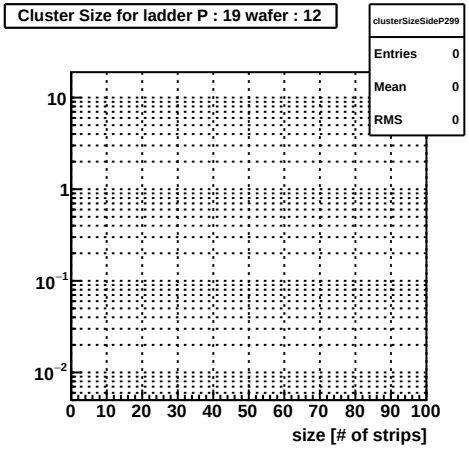

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

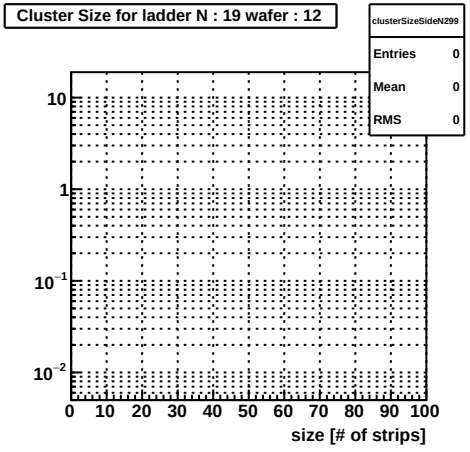

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

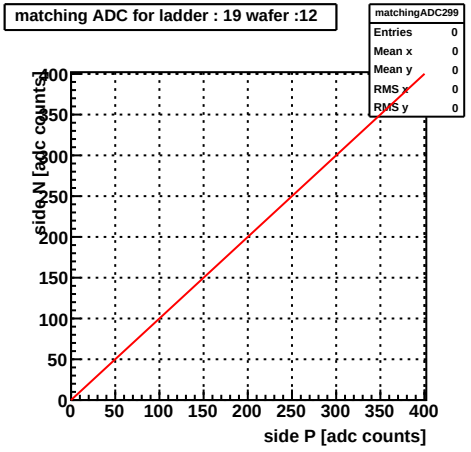

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

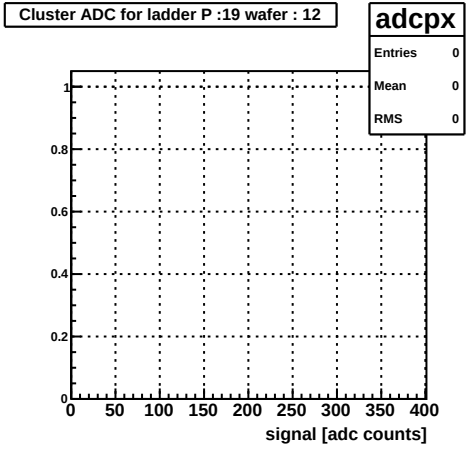

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

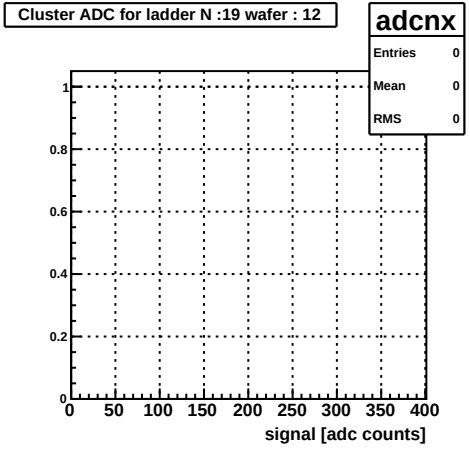

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

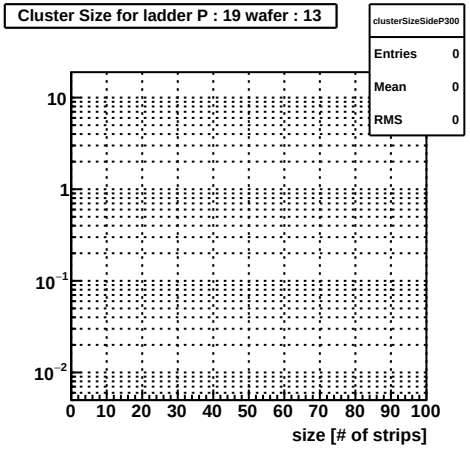

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

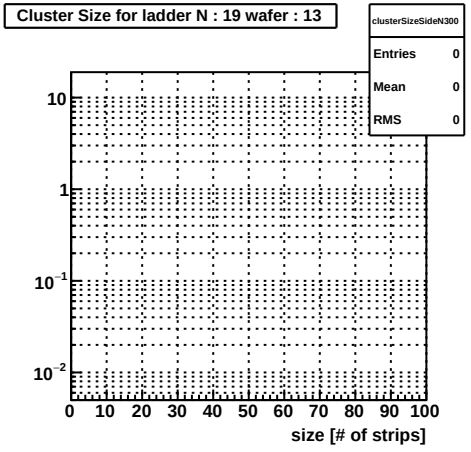

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

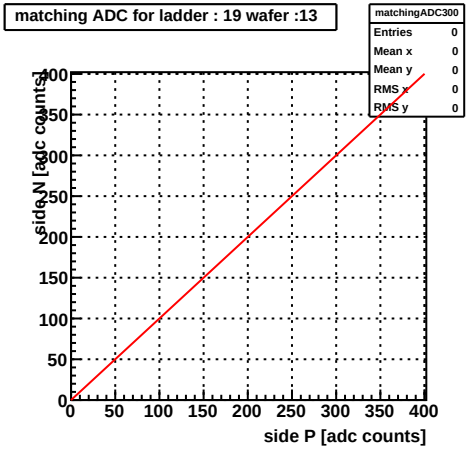

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

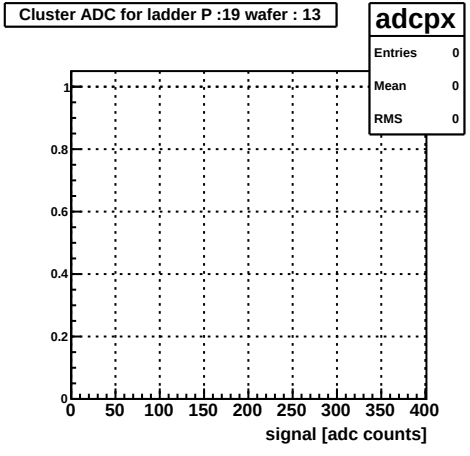

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

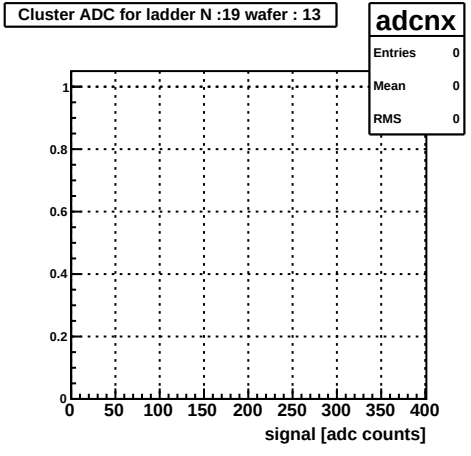

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

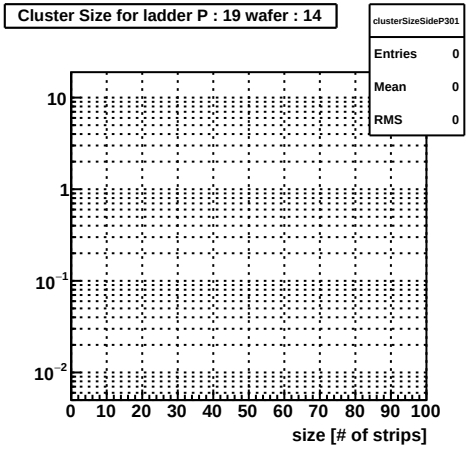

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

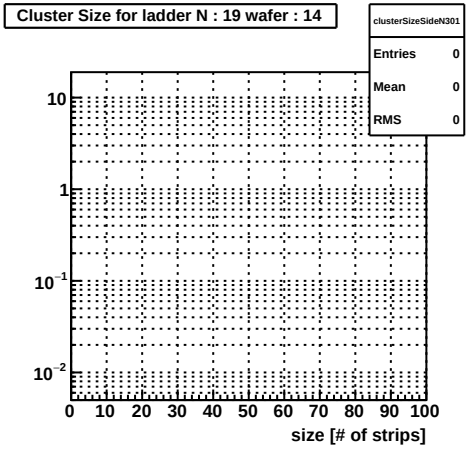

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

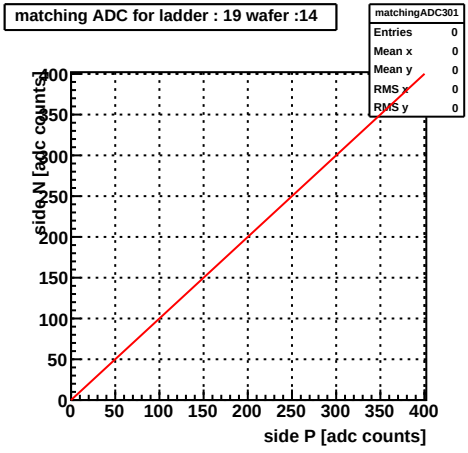

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

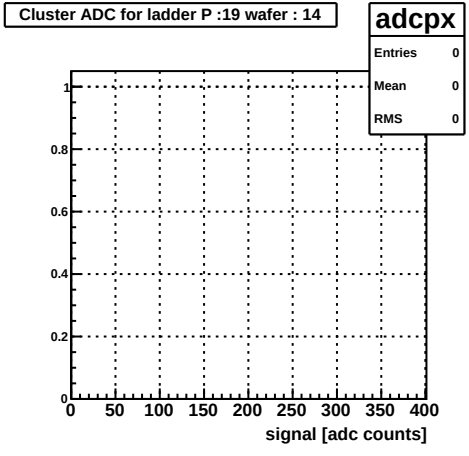

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

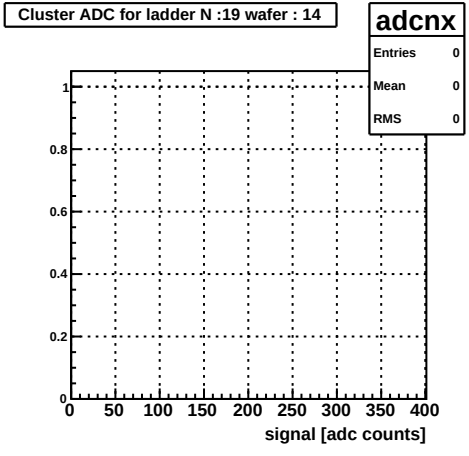

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

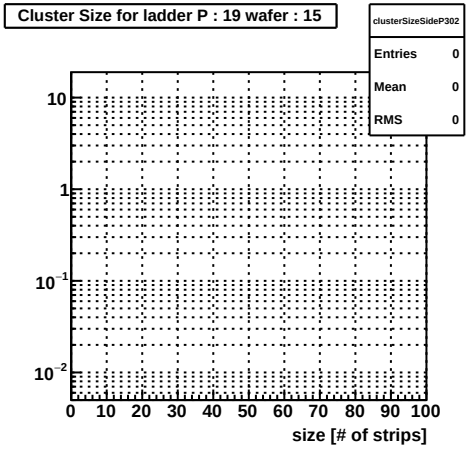

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

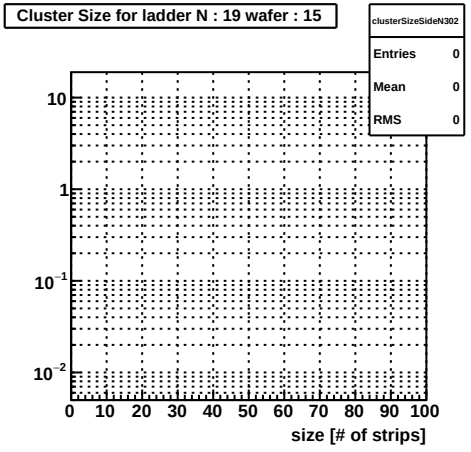

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

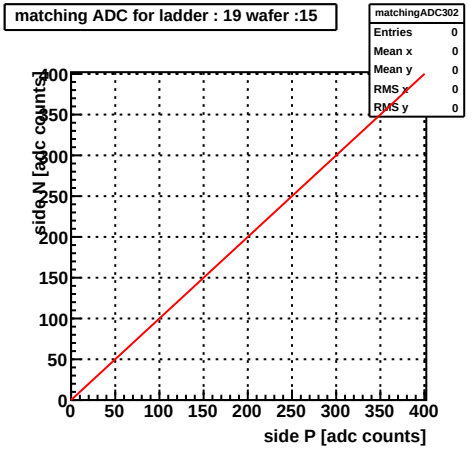

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

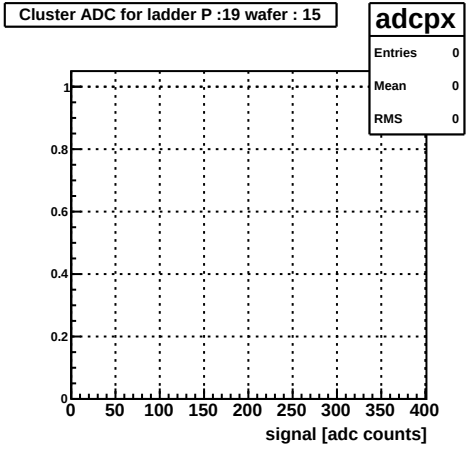

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

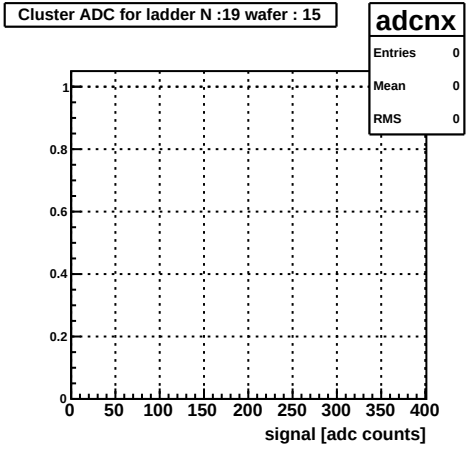

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

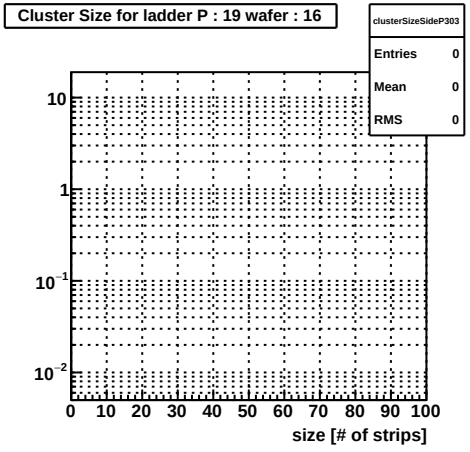

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

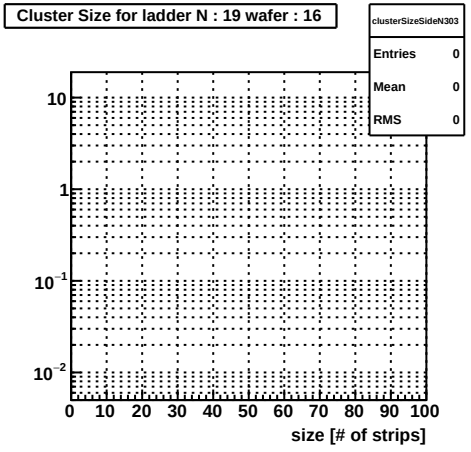

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

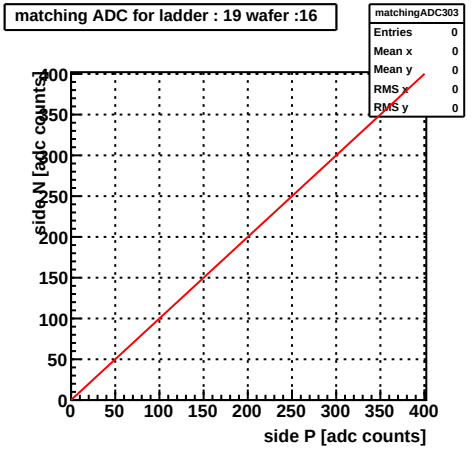

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

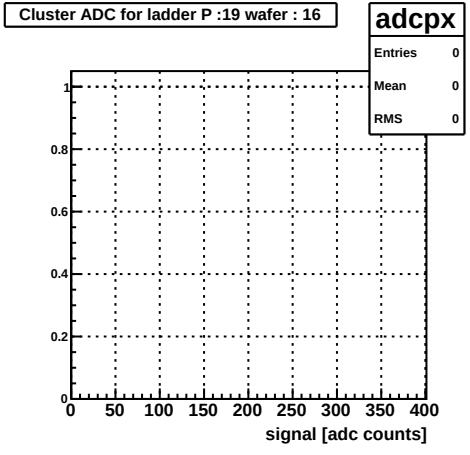

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

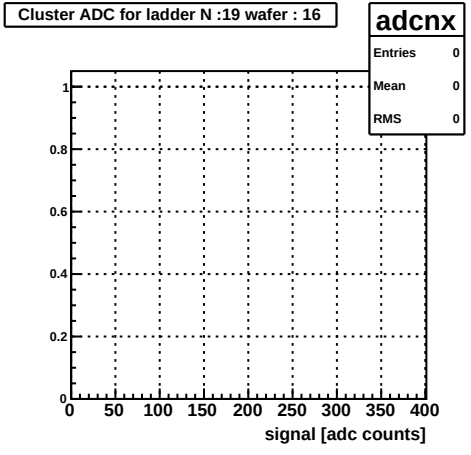

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

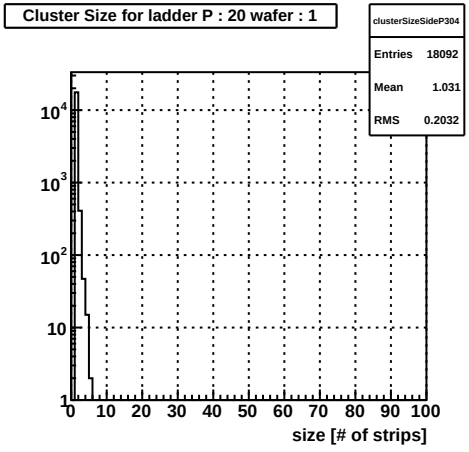

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

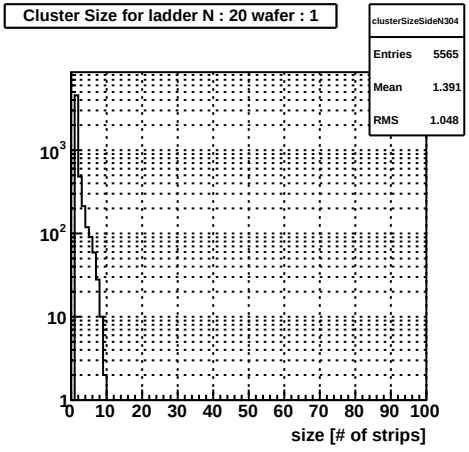

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

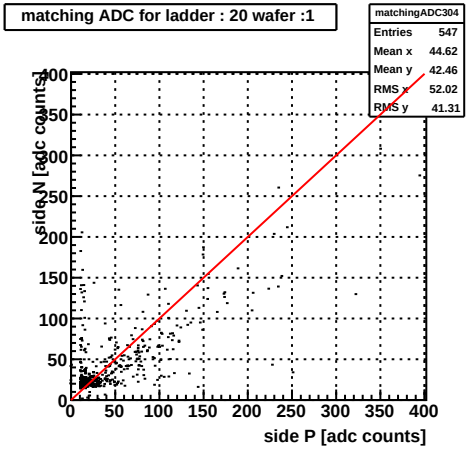

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

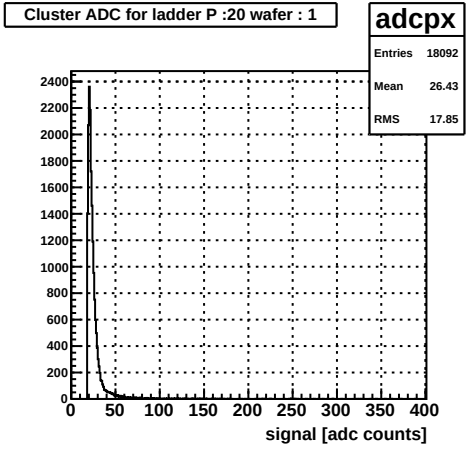

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

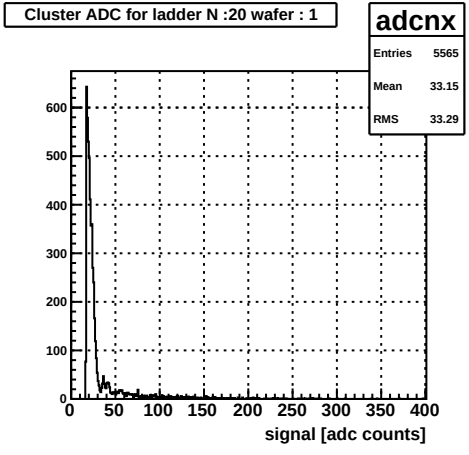

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

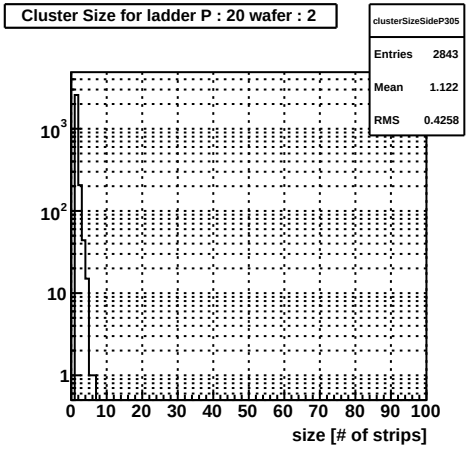

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 18092
Mean 1.031
RMS 0.2032
size [# of strips]

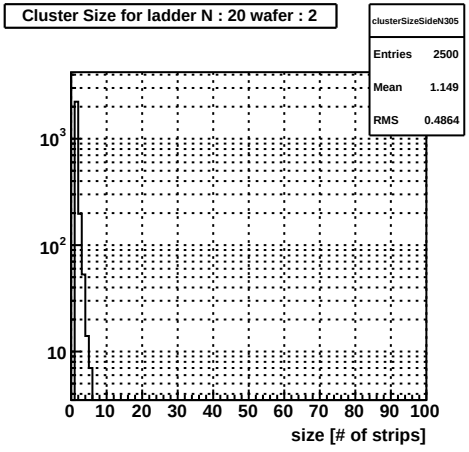

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 5565
Mean 1.391
RMS 1.048
size [# of strips]

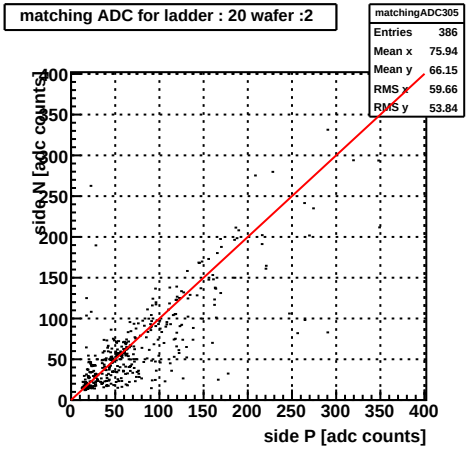

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 547
Mean x 44.62
Mean y 42.46
RMS x 52.02
RMS y 41.31
side N [adc counts]
side P [adc counts]

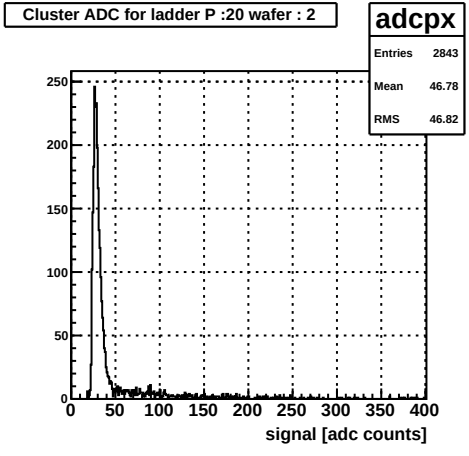

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 18092
Mean 26.43
RMS 17.85
signal [adc counts]

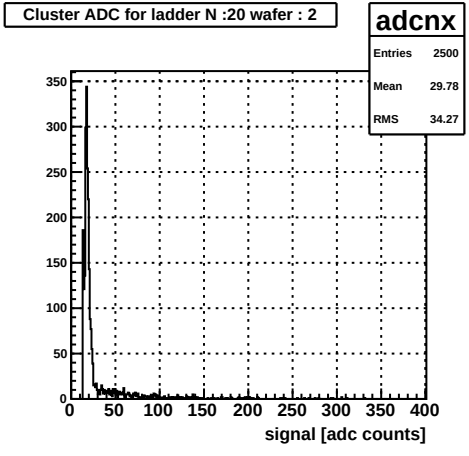

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 5565
Mean 33.15
RMS 33.29
signal [adc counts]

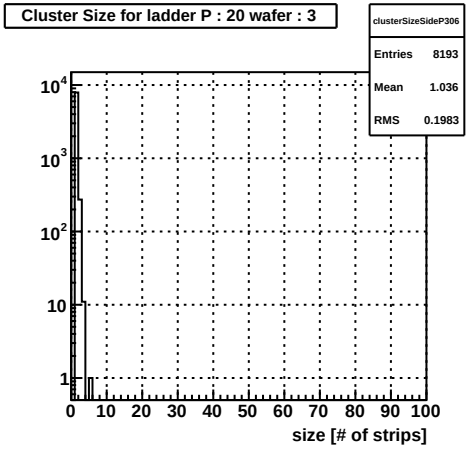

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2843
Mean 1.122
RMS 0.4258
size [# of strips]

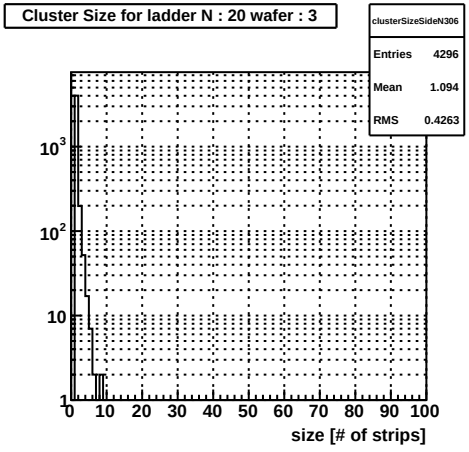

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 2500
Mean 1.149
RMS 0.4864
size [# of strips]

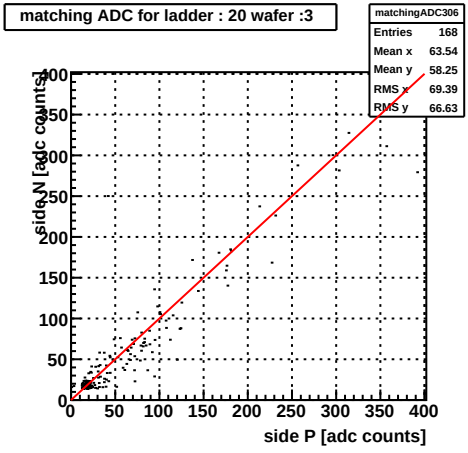

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 386
Mean x 75.94
Mean y 66.15
RMS x 59.66
RMS y 53.84
side N [adc counts]
side P [adc counts]

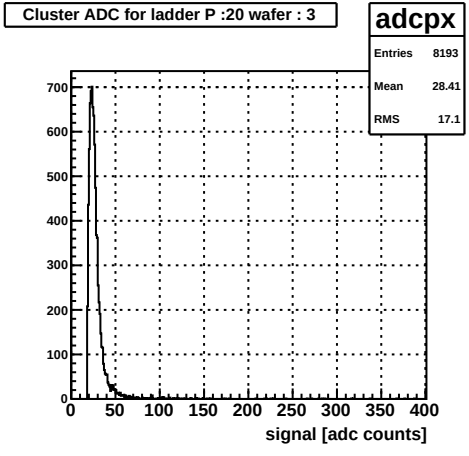

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2843
Mean 46.78
RMS 46.82
signal [adc counts]

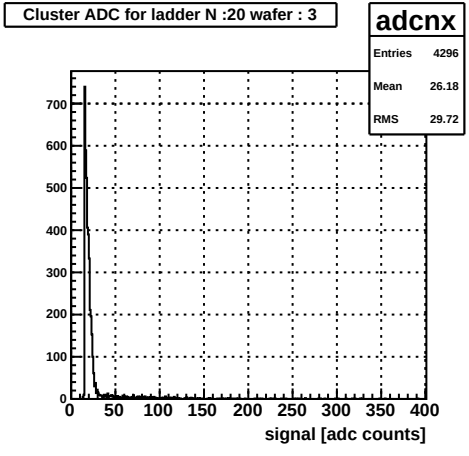

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 2500
Mean 29.78
RMS 34.27
signal [adc counts]

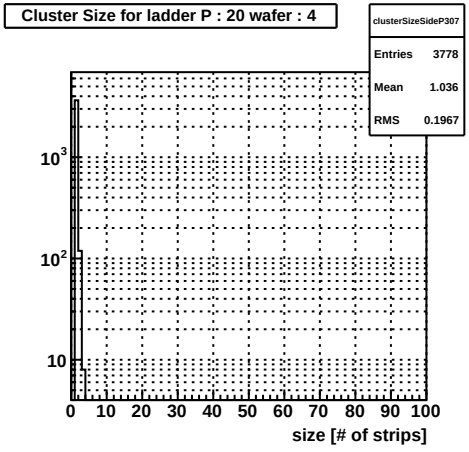

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 8193
Mean 1.036
RMS 0.1983
size [# of strips]

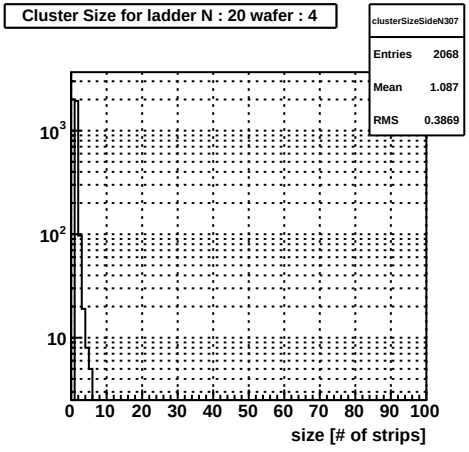

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 4296
Mean 1.094
RMS 0.4263
size [# of strips]

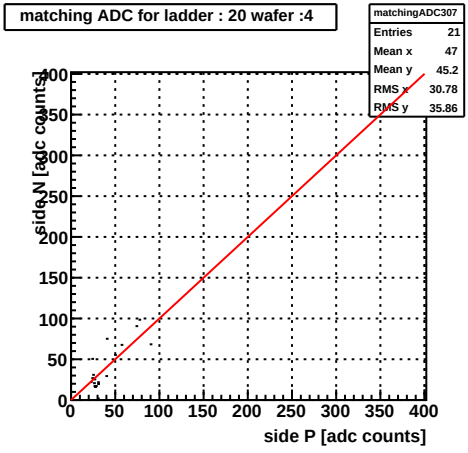

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 168
Mean x 63.54
Mean y 58.25
RMS x 69.39
RMS y 66.63
side N [adc counts]
side P [adc counts]

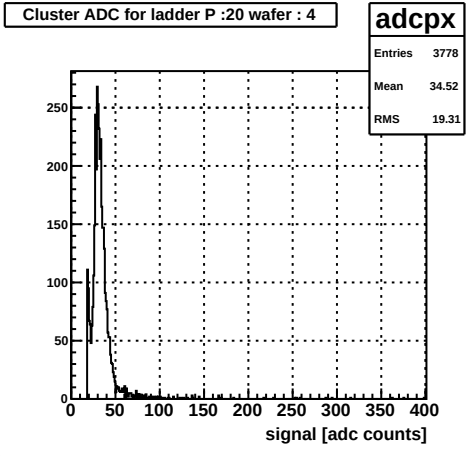

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 8193
Mean 28.41
RMS 17.1
signal [adc counts]

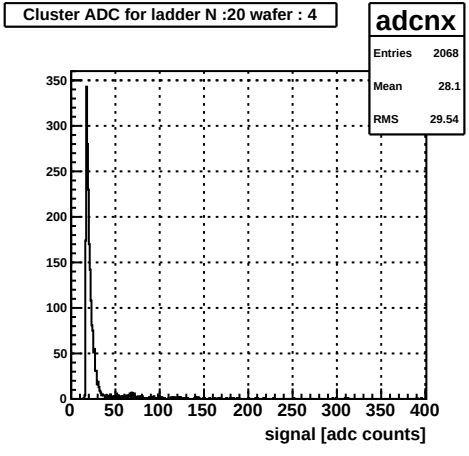

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 4296
Mean 26.18
RMS 29.72
signal [adc counts]

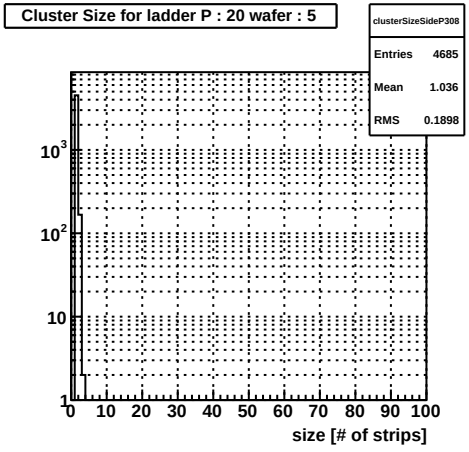

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 3778
Mean 1.036
RMS 0.1967
size [# of strips]

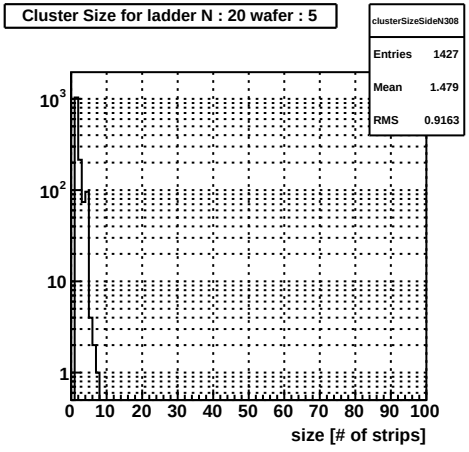

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 2068
Mean 1.087
RMS 0.3869
size [# of strips]

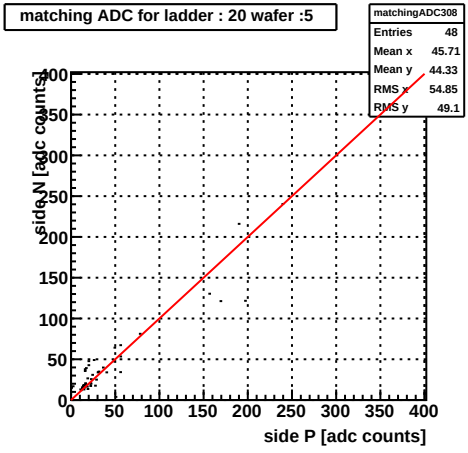

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 21
Mean x 47
Mean y 45.2
RMS x 30.78
RMS y 35.86
side N [adc counts]
side P [adc counts]

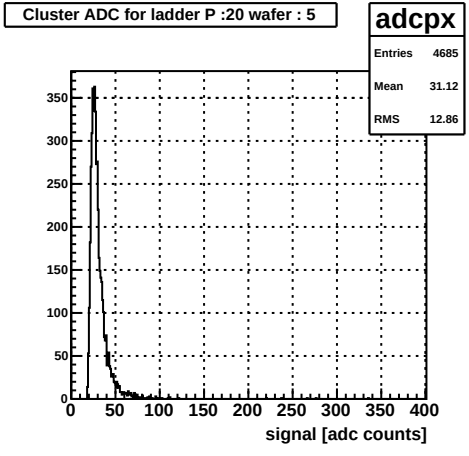

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 3778
Mean 34.52
RMS 19.31
signal [adc counts]

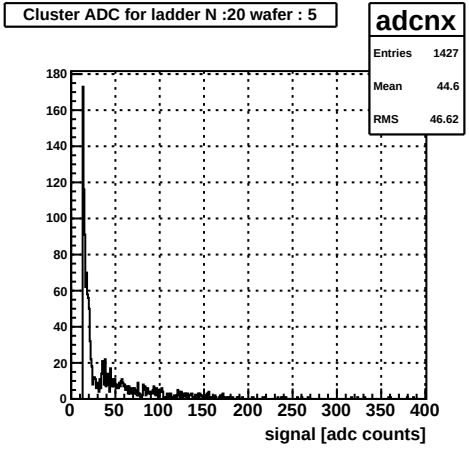

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 2068
Mean 28.1
RMS 29.54
signal [adc counts]

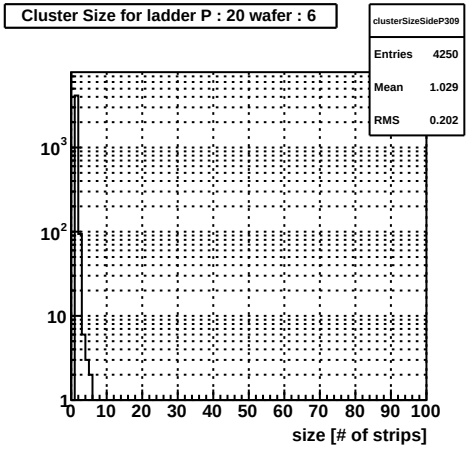

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 4685
Mean 1.036
RMS 0.1898
size [# of strips]

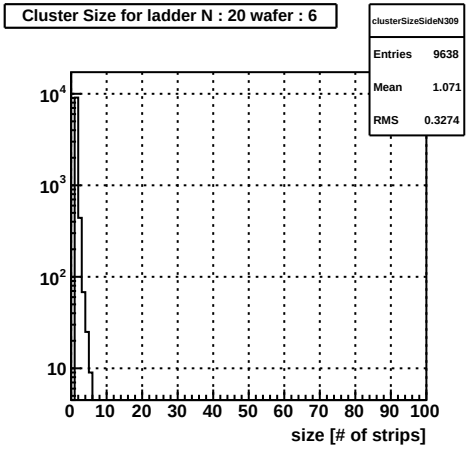

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 1427
Mean 1.479
RMS 0.9163
size [# of strips]

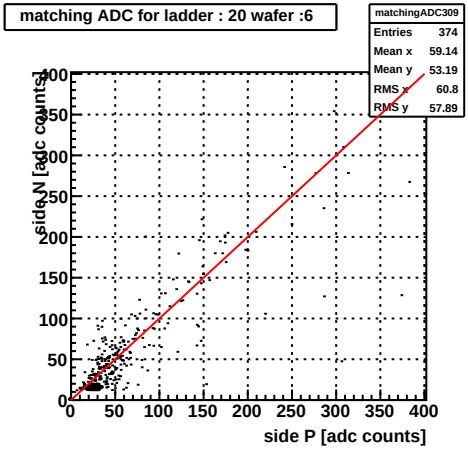

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 48
Mean x 45.71
Mean y 44.33
RMS x 54.85
RMS y 49.1
side N [adc counts]
side P [adc counts]

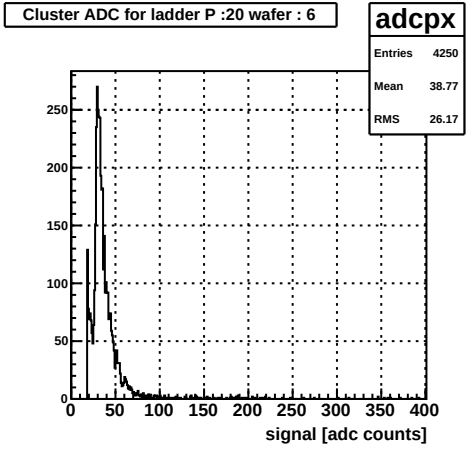

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 4685
Mean 31.12
RMS 12.86
signal [adc counts]

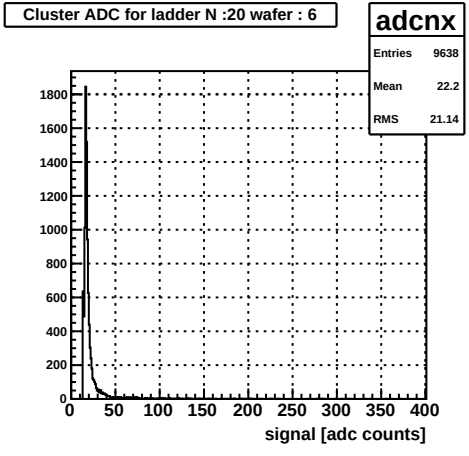

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 1427
Mean 44.6
RMS 46.62
signal [adc counts]

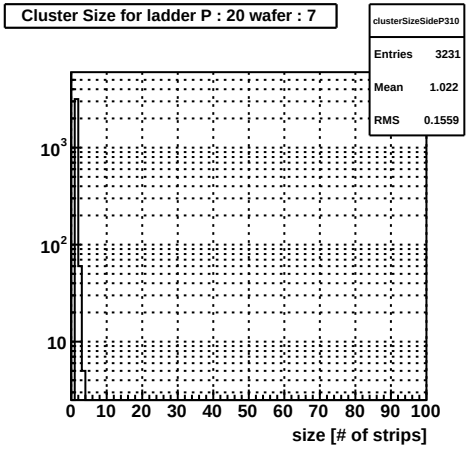

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 4250
Mean 1.029
RMS 0.202
size [# of strips]

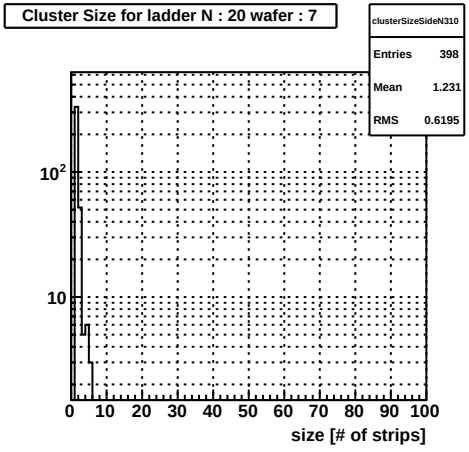

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 9638
Mean 1.071
RMS 0.3274
size [# of strips]

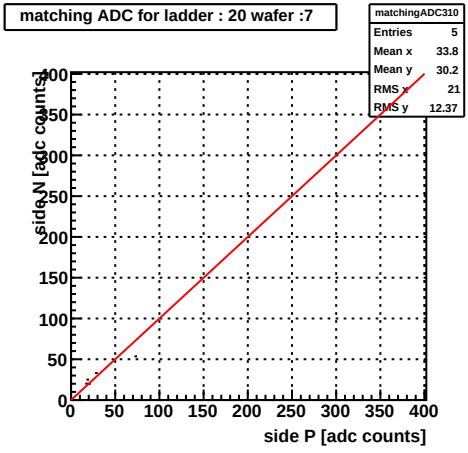

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 374
Mean x 59.14
Mean y 53.19
RMS x 60.8
RMS y 57.89
side N [adc counts]
side P [adc counts]

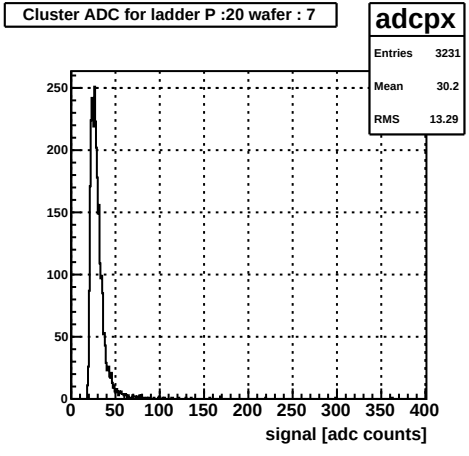

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 4250
Mean 38.77
RMS 26.17
signal [adc counts]

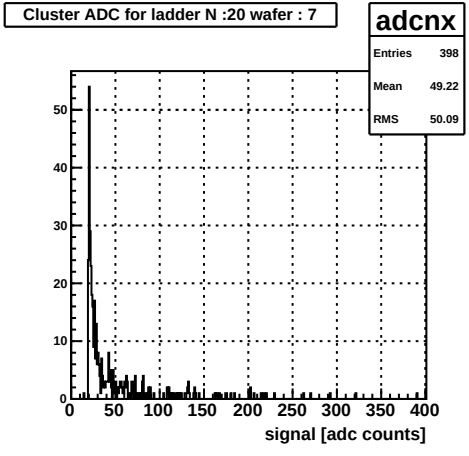

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 9638
Mean 22.2
RMS 21.14
signal [adc counts]

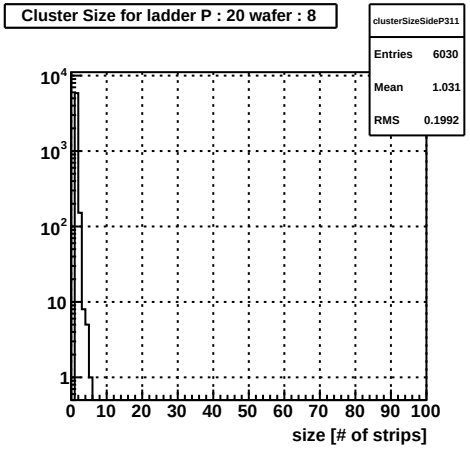

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 3231
Mean 1.022
RMS 0.1559
size [# of strips]

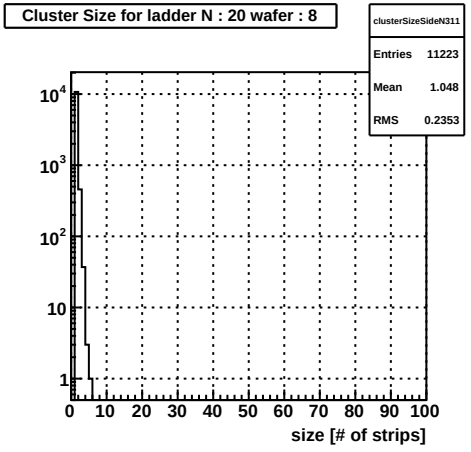

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 398
Mean 1.231
RMS 0.6195
size [# of strips]

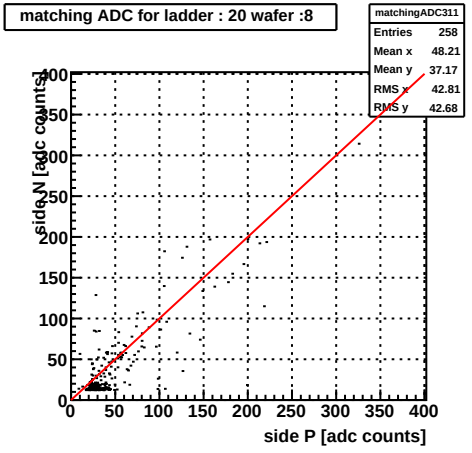

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 5
Mean x 33.8
Mean y 30.2
RMS x 21
RMS y 12.37
side N [adc counts]
side P [adc counts]

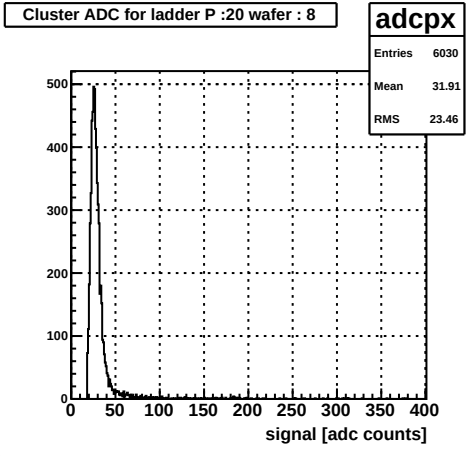

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 3231
Mean 30.2
RMS 13.29
signal [adc counts]

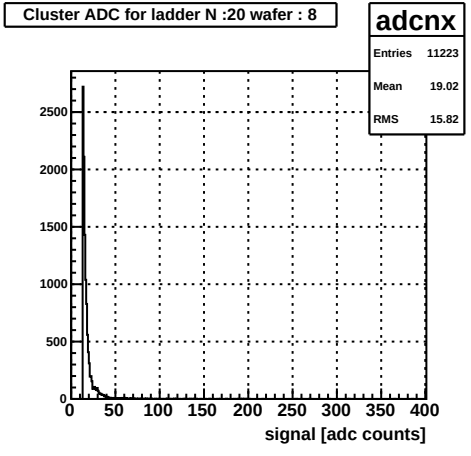

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 398
Mean 49.22
RMS 50.09
signal [adc counts]

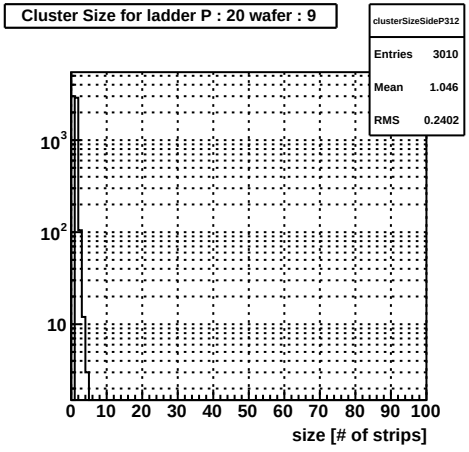

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 6030
Mean 1.031
RMS 0.1992
size [# of strips]

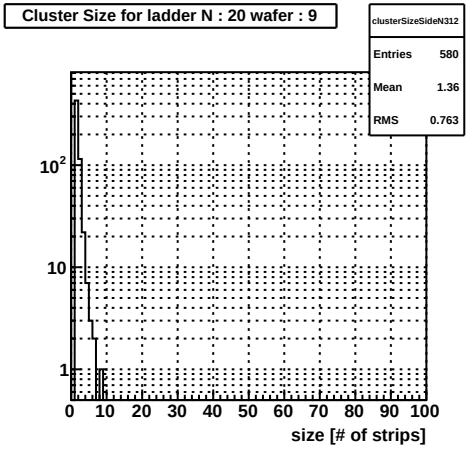

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 11223
Mean 1.048
RMS 0.2353
size [# of strips]

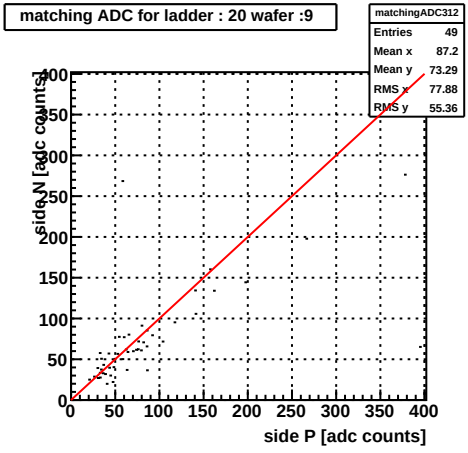

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 258
Mean x 48.21
Mean y 37.17
RMS x 42.81
RMS y 42.68
side N [adc counts]
side P [adc counts]

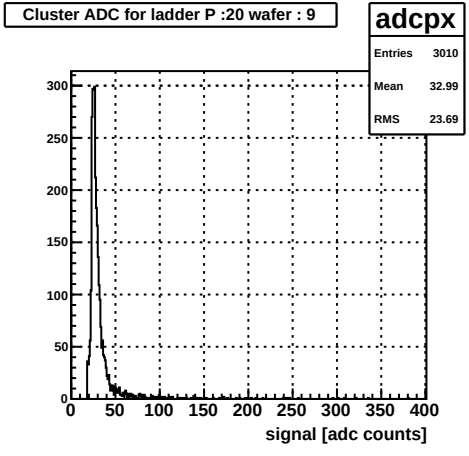

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 6030
Mean 31.91
RMS 23.46
signal [adc counts]

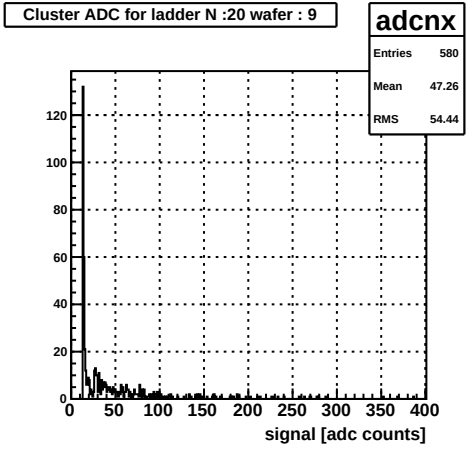

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 11223
Mean 19.02
RMS 15.82
signal [adc counts]

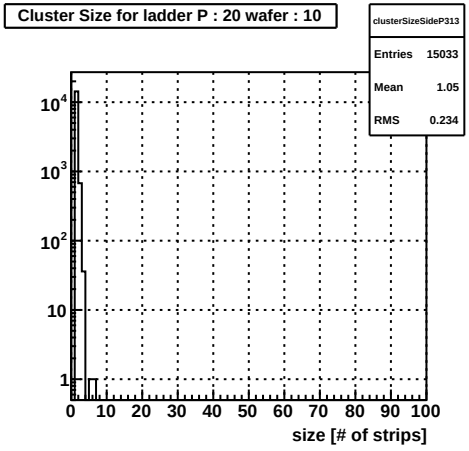

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 3010
Mean 1.046
RMS 0.2402
size [# of strips]

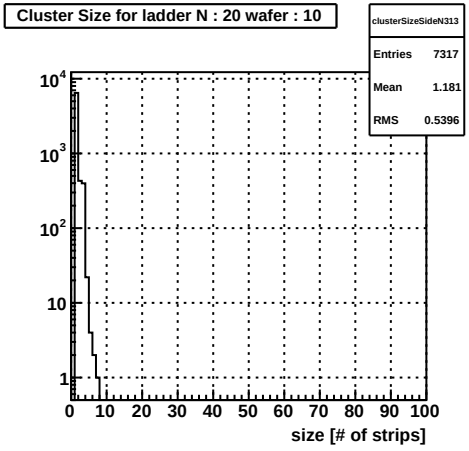

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 580
Mean 1.36
RMS 0.763
size [# of strips]

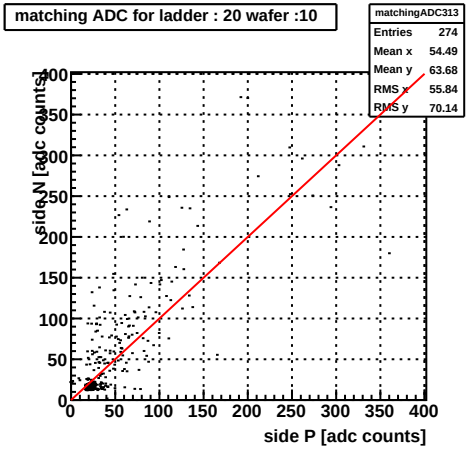

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 49
Mean x 87.2
Mean y 73.29
RMS x 77.88
RMS y 55.36
side N [adc counts]
side P [adc counts]

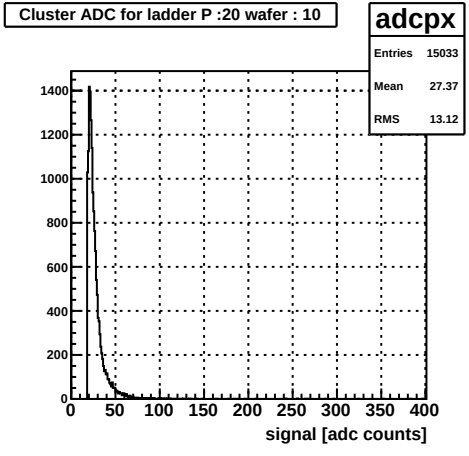

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 3010
Mean 32.99
RMS 23.69
signal [adc counts]

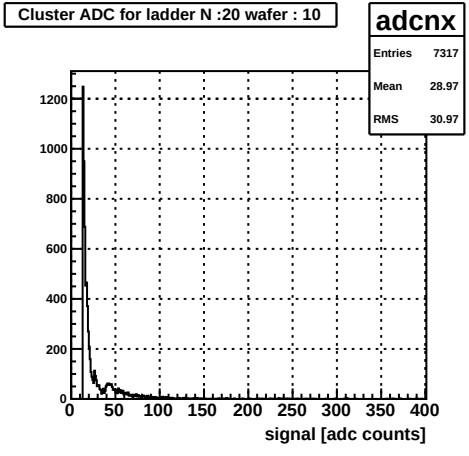

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 580
Mean 47.26
RMS 54.44
signal [adc counts]

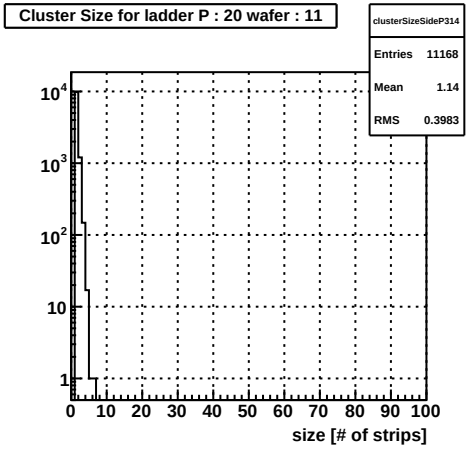

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 15033
Mean 1.05
RMS 0.234
size [# of strips]

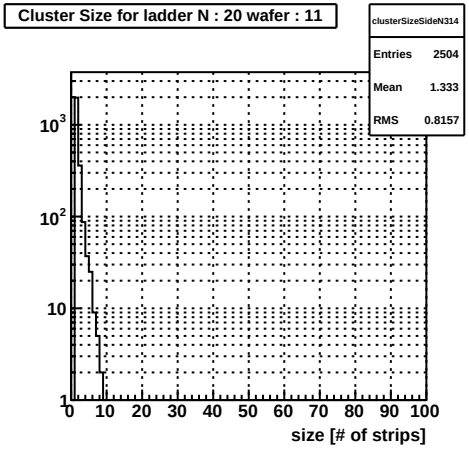

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 7317
Mean 1.181
RMS 0.5396
size [# of strips]

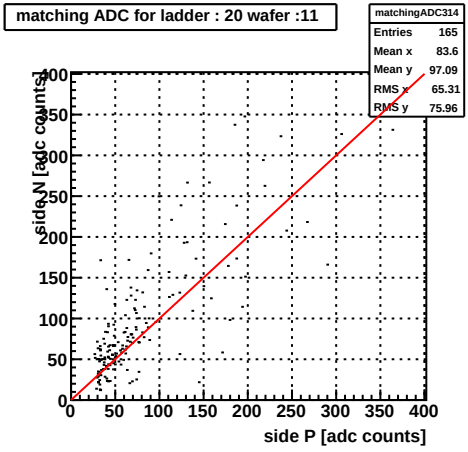

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 274
Mean x 54.49
Mean y 63.68
RMS x 55.84
RMS y 70.14
side N [adc counts]
side P [adc counts]

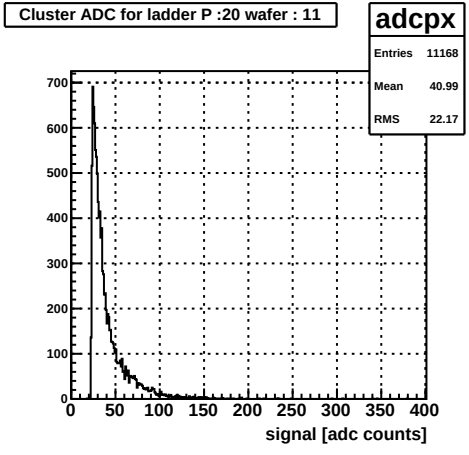

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 15033
Mean 27.37
RMS 13.12
signal [adc counts]

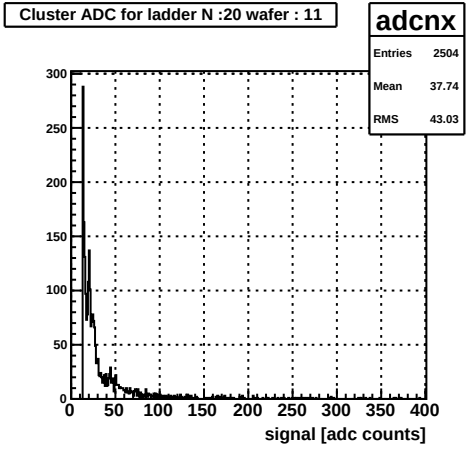

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 7317
Mean 28.97
RMS 30.97
signal [adc counts]

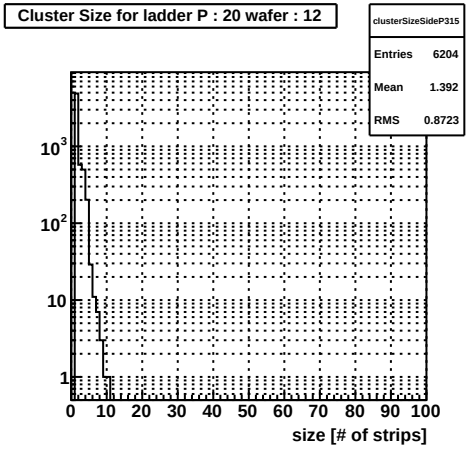

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 11168
Mean 1.14
RMS 0.3983
size [# of strips]

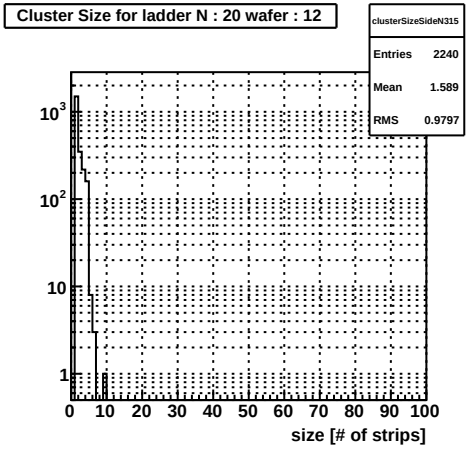

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 2504
Mean 1.333
RMS 0.8157
size [# of strips]

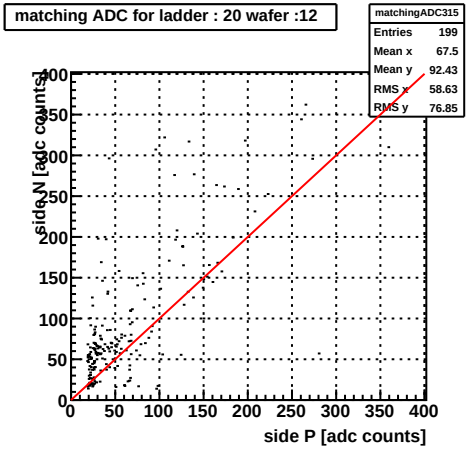

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 165
Mean x 83.6
Mean y 97.09
RMS x 65.31
RMS y 75.96
side N [adc counts]
side P [adc counts]

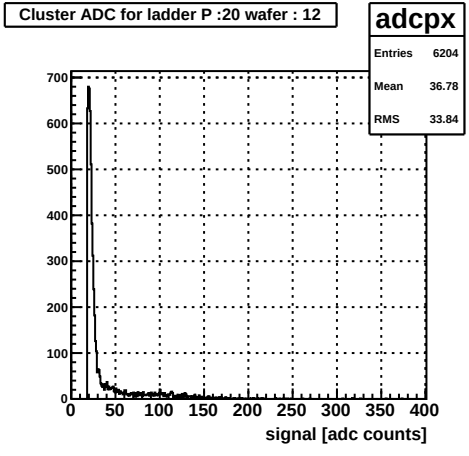

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 11168
Mean 40.99
RMS 22.17
signal [adc counts]

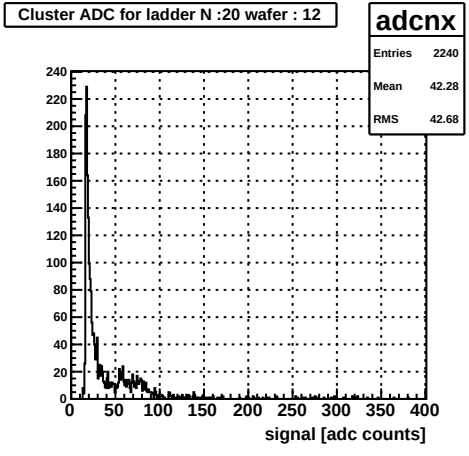

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 2504
Mean 37.74
RMS 43.03
signal [adc counts]

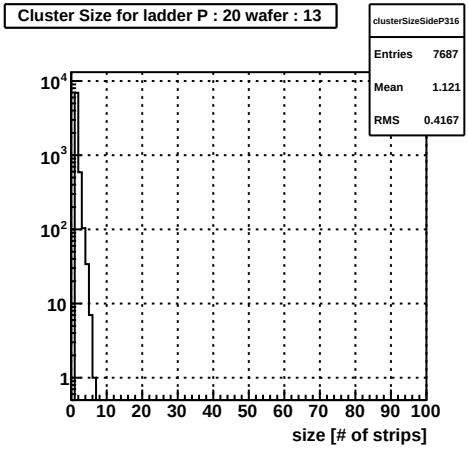

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 6204
Mean 1.392
RMS 0.8723
size [# of strips]

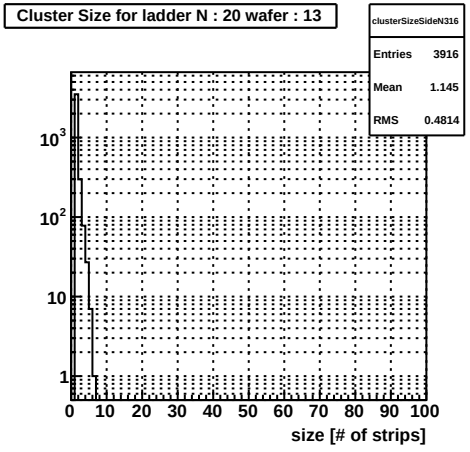

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 2240
Mean 1.589
RMS 0.9797
size [# of strips]

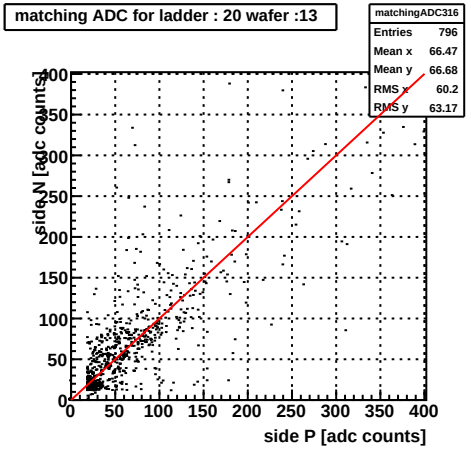

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 199
Mean x 67.5
Mean y 92.43
RMS x 58.63
RMS y 76.85
side N [adc counts]
side P [adc counts]

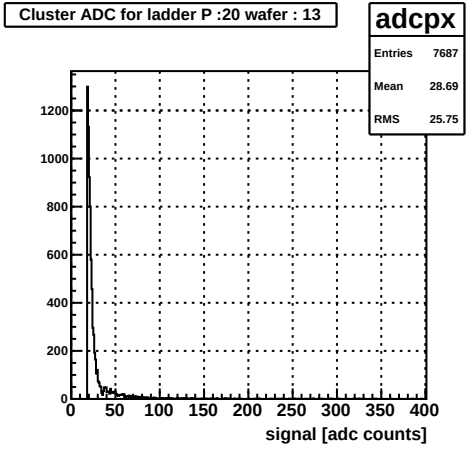

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 6204
Mean 36.78
RMS 33.84
signal [adc counts]

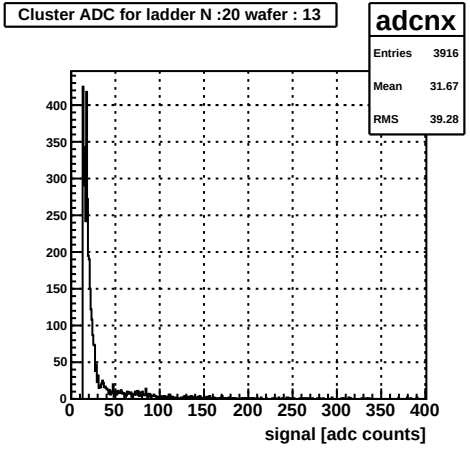

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 2240
Mean 42.28
RMS 42.68
signal [adc counts]

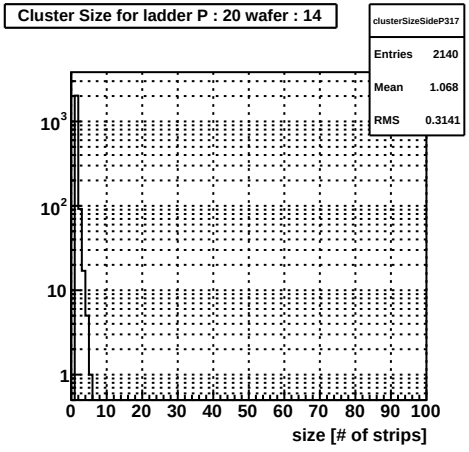

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 7687
Mean 1.121
RMS 0.4167
size [# of strips]

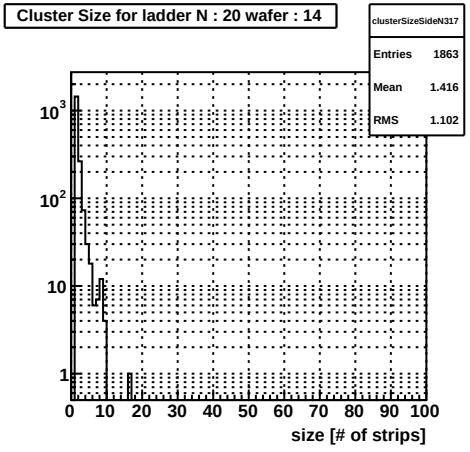

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 3916
Mean 1.145
RMS 0.4814
size [# of strips]

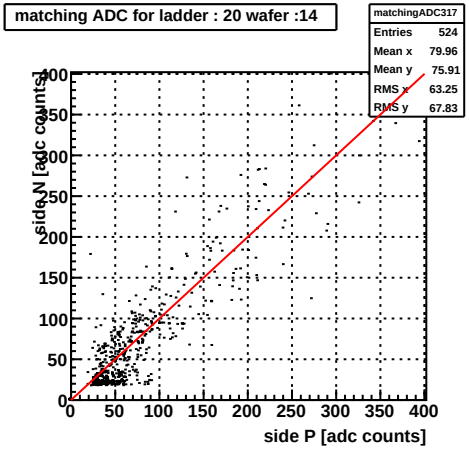

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 796
Mean x 66.47
Mean y 66.68
RMS x 60.2
RMS y 63.17
side N [adc counts]
side P [adc counts]

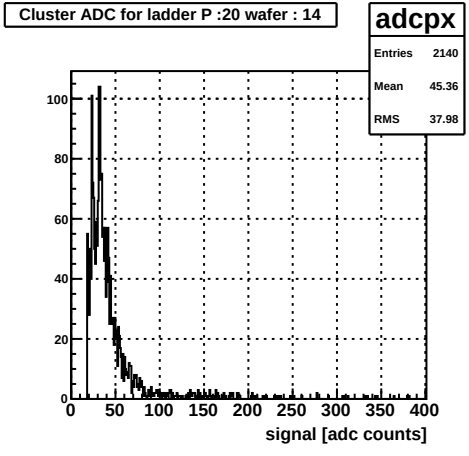

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 7687
Mean 28.69
RMS 25.75
signal [adc counts]

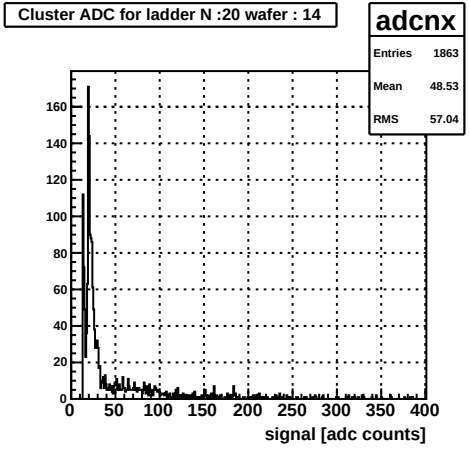

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 3916
Mean 31.67
RMS 39.28
signal [adc counts]

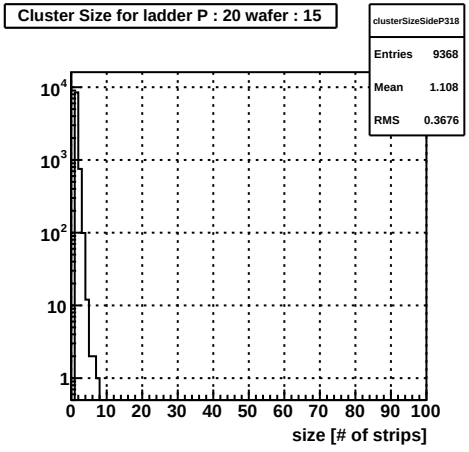

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 2140
Mean 1.068
RMS 0.3141
size [# of strips]

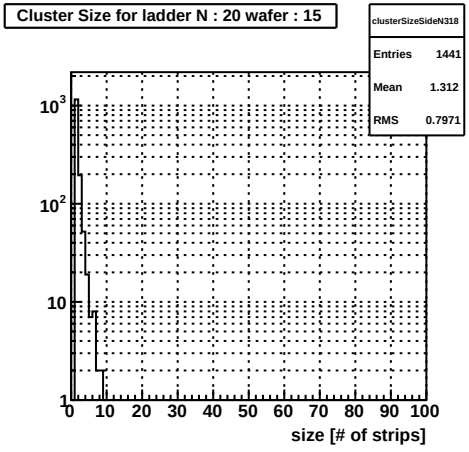

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 1863
Mean 1.416
RMS 1.102
size [# of strips]

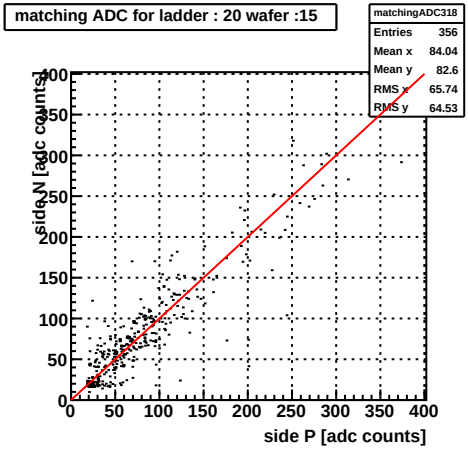

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 524
Mean x 79.96
Mean y 75.91
RMS x 63.25
RMS y 67.83
side N [adc counts]
side P [adc counts]

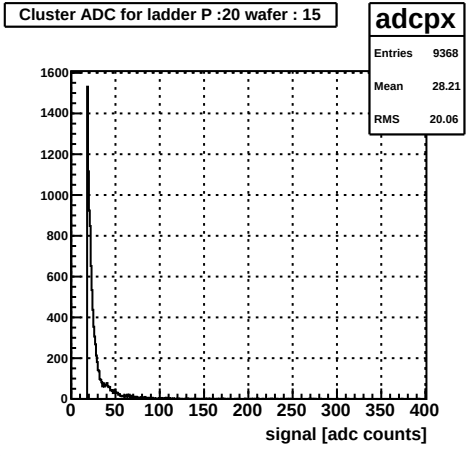

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 2140
Mean 45.36
RMS 37.98
signal [adc counts]

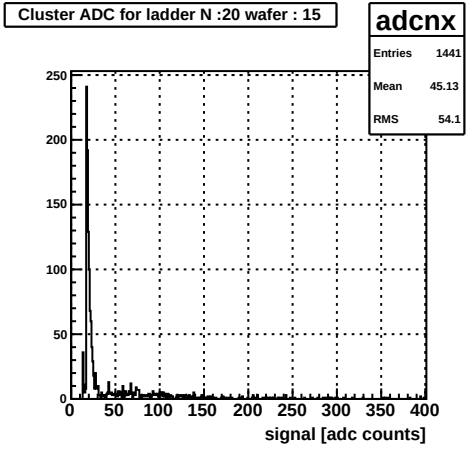

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 1863
Mean 48.53
RMS 57.04
signal [adc counts]

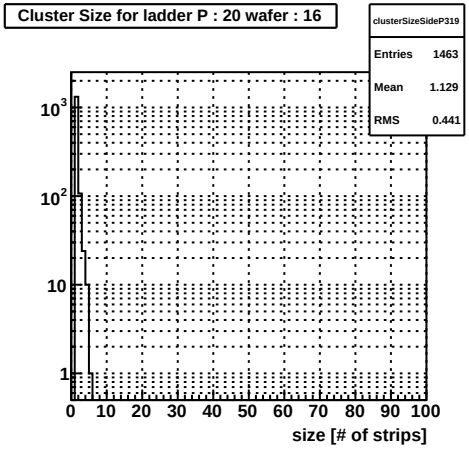

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 9368
Mean 1.108
RMS 0.3676
size [# of strips]

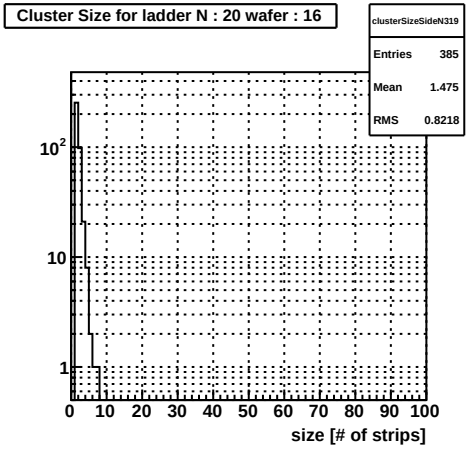

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 1441
Mean 1.312
RMS 0.7971
size [# of strips]

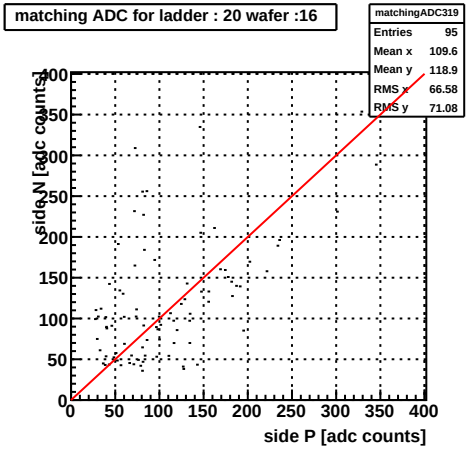

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 356
Mean x 84.04
Mean y 82.6
RMS x 65.74
RMS y 64.53
side N [adc counts]
side P [adc counts]

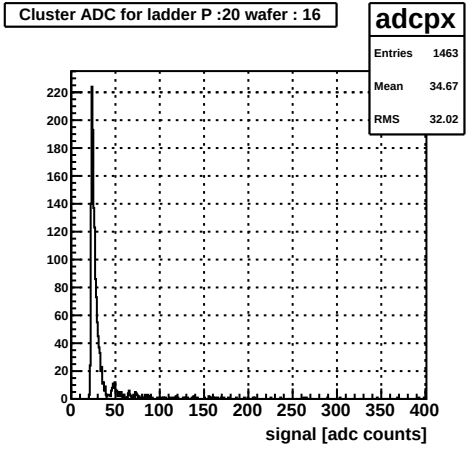

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 9368
Mean 28.21
RMS 20.06
signal [adc counts]

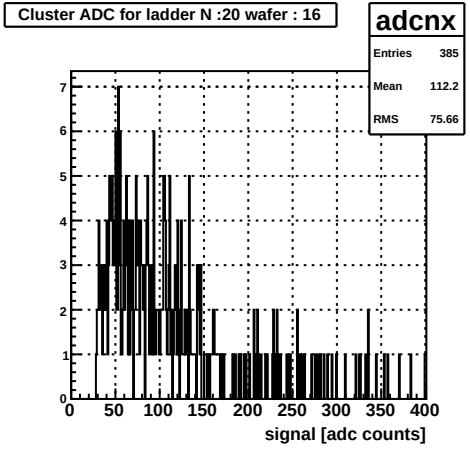

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 1441
Mean 45.13
RMS 54.1
signal [adc counts]

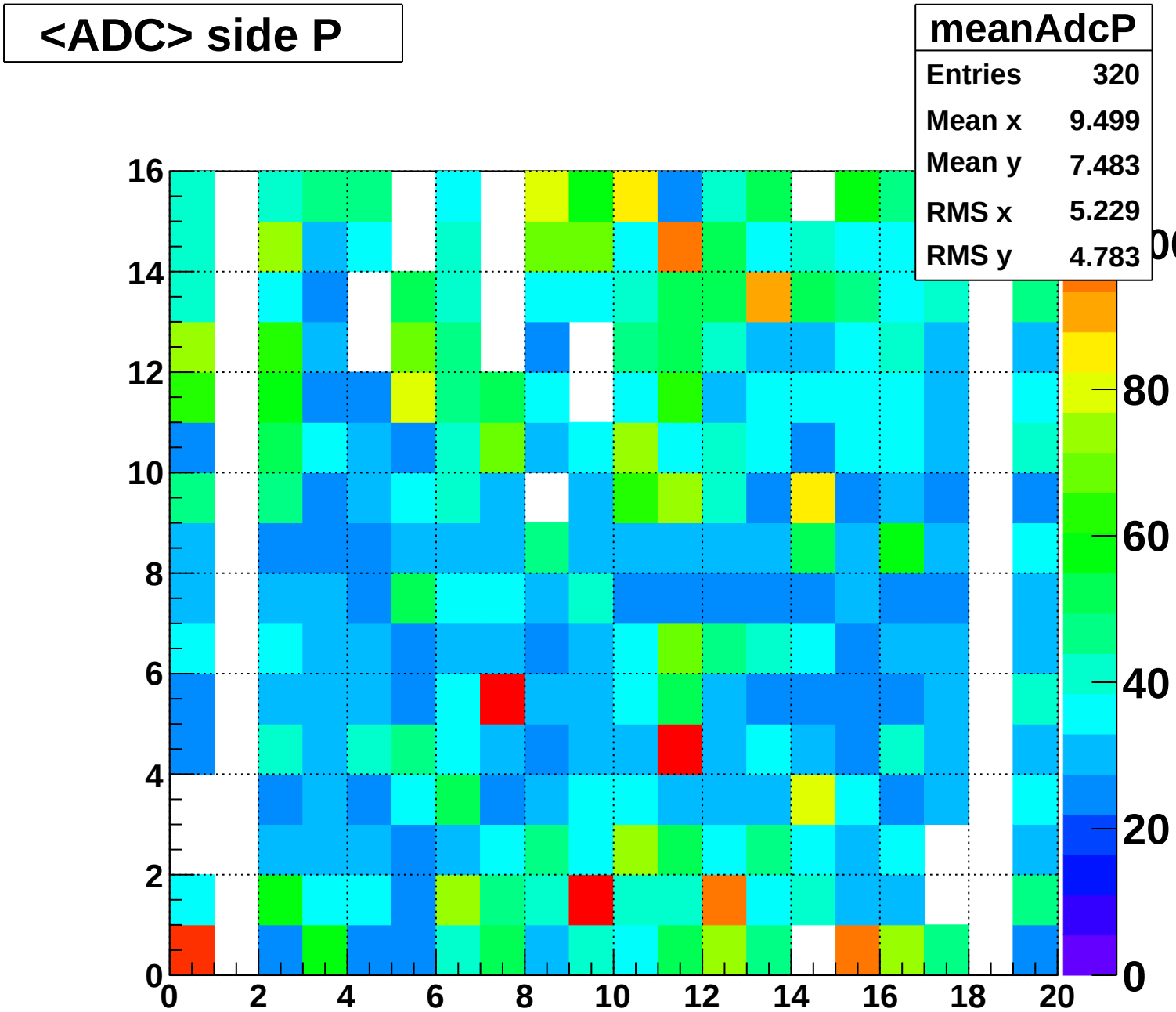

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 1463
Mean 1.129
RMS 0.441
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 385
Mean 1.475
RMS 0.8218
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 95
Mean x 109.6
Mean y 118.9
RMS x 66.58
RMS y 71.08
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 1463
Mean 34.67
RMS 32.02
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 385
Mean 112.2
RMS 75.66
signal [adc counts]



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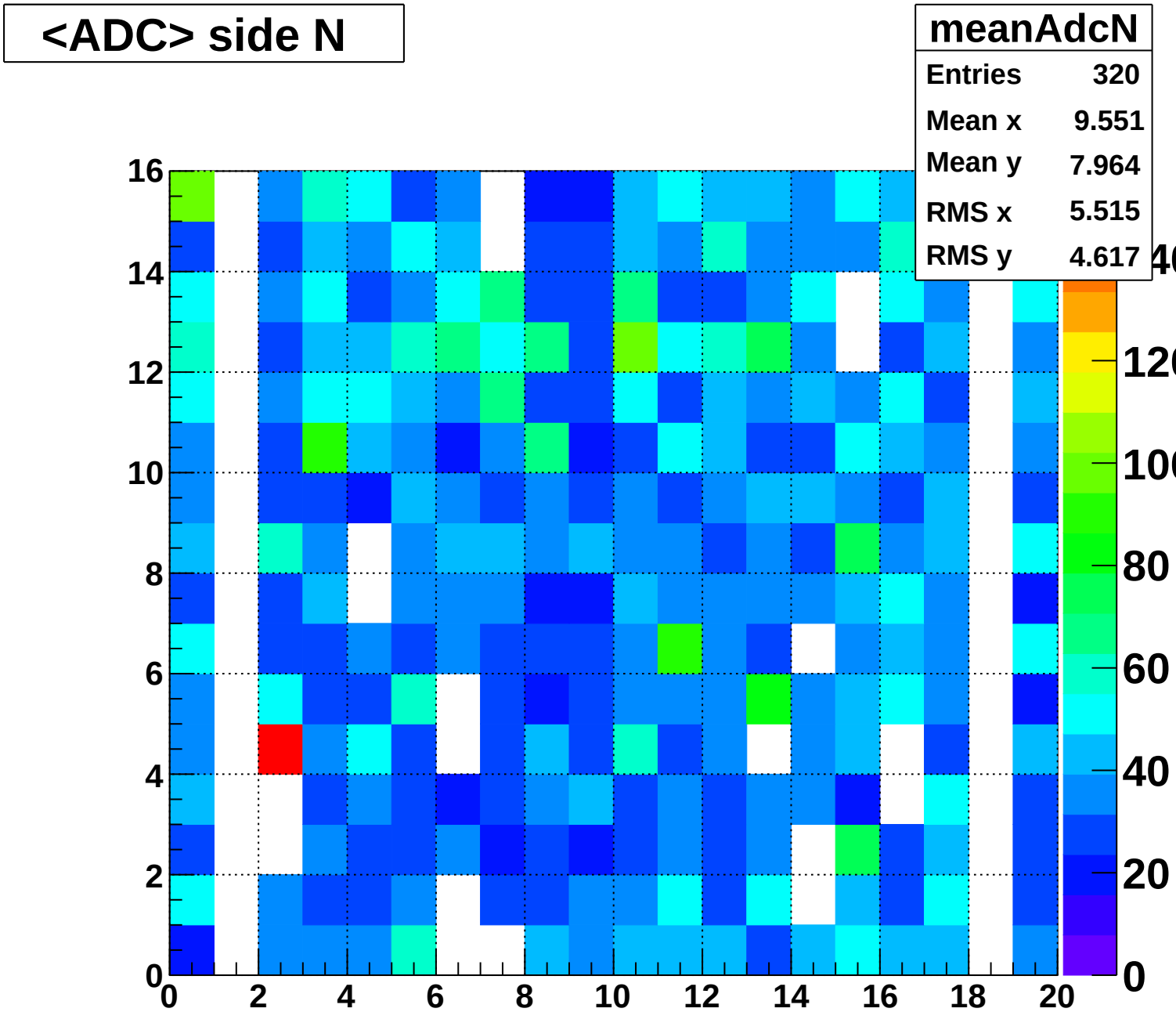

2016-05-24 08:18:33